

SKF

POWER TRANSMISSION PRODUCTS



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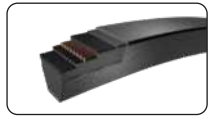
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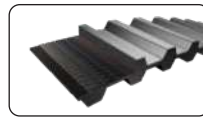
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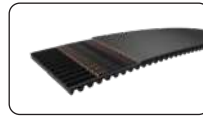
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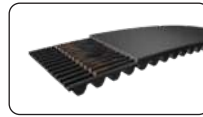
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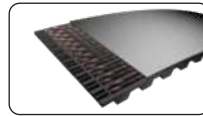
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SKF Belts

SKF belt range nomenclature has a defined prefix of PHG. All belts we produce conform to conventional basic part number format – ISO, BS, RMA or DIN.

V Belts

The V belt designation format is constant through the range, with the following example to indicate set up.

SKF Designation prefix	PHG	SPB	1800	XP
Belt type _____ Wedge – SPZ, SPA, SPB, SPC Wedge CRE (in EPDM) – XPZ...EP, XPA...EP, XPB...EP, XPC...EP Classical – Z, A, B, C, D, E Classical CRE (in EPDM) – ZX...EP, AX...EP, BX...EP, CX...EP Narrow wedge – 3V, 5V, 8V Narrow wedge CRE (in EPDM) – 3VX...EP, 5VX...EP, 8VX...EP Double classical – AA, BB, CC Ribbed – PJ, PK, PL, PM				
Belt lengths _____ Wedge all – pitch length (mm) Narrow wedge all – outside length (1/100 inch) Classical all – inside length (inch) Ribbed – pitch length (mm)				
Supplementary _____ Wedge & Narrow wedge – XP2 series Wedge, Narrow wedge, Classical banded belts – Xxx, where xx indicates the number of belts per band. e.g. PHG SPB3550X5, 5 being the no. of belts				
Note Ribbed belts will list number of ribs before the Belt type				

Belts (PHG Product Group)

SKF belts are manufactured to a “worldwide” specification, PTP-0299 (Feb 2000), which is compatible with all commonly used standards:

- wrapped and cogged belts are manufactured according to GB 1171 and BS 3790
- timing belts are in accordance with quality standards GB/T13487-1992 and GB/T11616-1989
- length and tolerance control of MXL, XL, L, H, XH, XXH profiles are done in accordance with ISO 5296-1

- measurement tolerance testing is done in accordance with ISO 4184
- SKF belts are manufactured to be anti-static and as such comply with ATEX directive requirements (static conductivity testing is done in accordance with ISO 1813)
- equipment testing is done in accordance with ISO 255-1990

Rubber belts can be stored in “optimum” conditions for up to 10 years, however in real world practice we suggest storing no more than 7 years to ensure expected working life is not affected.

Main materials and characteristics in V-belts

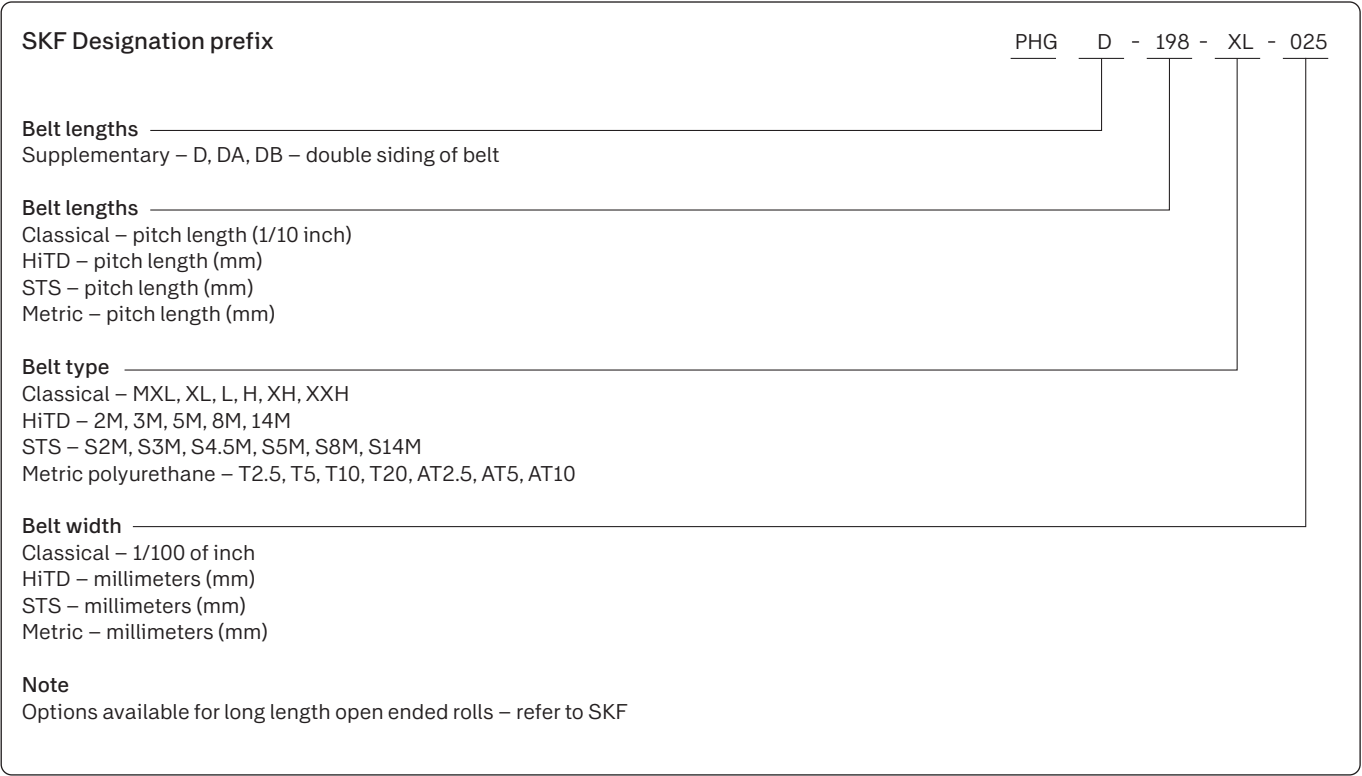
	Classical (All sections) Jacketed (with cover)	Standard wedge (ISO) and Narrow wedge (RMA) Jacketed (with cover)	XP2 series wedge (All relevant sections) Jacketed (with cover)	Cogged (All sections) Raw edge
Tensile cord	Polyester cord	Polyester cord	HMLS polyester	Polyester cord
Cushion rubber compound	Chloroprene	Chloroprene	Chloroprene	EPDM
Fibre -loaded cushion rubber	No	No	Yes	Yes
Temperature range	-35 to 65 °C (-31 to 149 °F)	-35 to 65 °C (-31 to 149 °F)	-35 to 65 °C (-31 to 149 °F)	-50 to 120 °C (-58 to 248 °F)

SKF Belts

SKF belt range nomenclature has a defined prefix of PHG. All belts we produce conform to conventional basic part number format – ISO, BS, RMA or DIN.

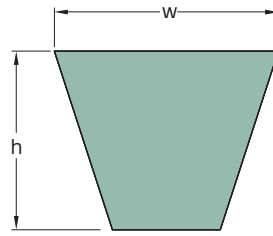
Timing Belts

The Timing belt designation format is constant through the range, with the following example to indicate set up.



Main materials used in timing belts				
	Classical	HTD	Polyurethane metric (T2.5, T5, T10, AT2.5, AT5, AT10)	Polyurethane metric (T2.5, T5, T10, AT2.5, AT5, AT10)
	(MXL, L, H, XH,XXH)	(3M, 5M, 8M, 14M)	Truly Endless	Open Ended
Tensile member (cord)	Fiberglass	Fiberglass	Steel cord / Aramid cord	Steel cord / Aramid cord
Tooth compound	CR	CR	Polyurethane	Polyurethane
Tooth facing fabric	Nylon	Nylon	no fabric	Nylon available
Backing fabric	CR	CR	no fabric	Nylon available

Wrapped wedge belts
SPZ | SPA



Section	Dimensions			Designation
	Pitch length	w	h	
–	mm	–	–	–
SPZ	512	9.7	8	PHG SPZ512
	560	9.7	8	PHG SPZ560
	562	9.7	8	PHG SPZ562
	587	9.7	8	PHG SPZ587
	612	9.7	8	PHG SPZ612
	630	9.7	8	PHG SPZ630
	637	9.7	8	PHG SPZ637
	662	9.7	8	PHG SPZ662
	670	9.7	8	PHG SPZ670
	687	9.7	8	PHG SPZ687
	710	9.7	8	PHG SPZ710
	722	9.7	8	PHG SPZ722
	737	9.7	8	PHG SPZ737
	750	9.7	8	PHG SPZ750
	760	9.7	8	PHG SPZ760
	762	9.7	8	PHG SPZ762
	772	9.7	8	PHG SPZ772
	787	9.7	8	PHG SPZ787
	800	9.7	8	PHG SPZ800
	812	9.7	8	PHG SPZ812
	825	9.7	8	PHG SPZ825
	837	9.7	8	PHG SPZ837
	850	9.7	8	PHG SPZ850
	862	9.7	8	PHG SPZ862
	875	9.7	8	PHG SPZ875
	887	9.7	8	PHG SPZ887
	900	9.7	8	PHG SPZ900
	912	9.7	8	PHG SPZ912
	925	9.7	8	PHG SPZ925
	937	9.7	8	PHG SPZ937
	950	9.7	8	PHG SPZ950
	962	9.7	8	PHG SPZ962
	987	9.7	8	PHG SPZ987
	1000	9.7	8	PHG SPZ1000
	1010	9.7	8	PHG SPZ1010
	1012	9.7	8	PHG SPZ1012
	1024	9.7	8	PHG SPZ1024
	1037	9.7	8	PHG SPZ1037
	1047	9.7	8	PHG SPZ1047
	1060	9.7	8	PHG SPZ1060
	1077	9.7	8	PHG SPZ1077
	1080	9.7	8	PHG SPZ1080
	1087	9.7	8	PHG SPZ1087
	1112	9.7	8	PHG SPZ1112
	1120	9.7	8	PHG SPZ1120
	1137	9.7	8	PHG SPZ1137
	1140	9.7	8	PHG SPZ1140
	1150	9.7	8	PHG SPZ1150
	1162	9.7	8	PHG SPZ1162
	1180	9.7	8	PHG SPZ1180
	1187	9.7	8	PHG SPZ1187
	1200	9.7	8	PHG SPZ1200
	1202	9.7	8	PHG SPZ1202
	1212	9.7	8	PHG SPZ1212
	1237	9.7	8	PHG SPZ1237
SPZ	1250	9.7	8	PHG SPZ1250
	1262	9.7	8	PHG SPZ1262
	1270	9.7	8	PHG SPZ1270
	1287	9.7	8	PHG SPZ1287
	1312	9.7	8	PHG SPZ1312
	1320	9.7	8	PHG SPZ1320
	1337	9.7	8	PHG SPZ1337
	1340	9.7	8	PHG SPZ1340
	1347	9.7	8	PHG SPZ1347
	1362	9.7	8	PHG SPZ1362
	1387	9.7	8	PHG SPZ1387
	1400	9.7	8	PHG SPZ1400
	1412	9.7	8	PHG SPZ1412
	1420	9.7	8	PHG SPZ1420
	1437	9.7	8	PHG SPZ1437
	1462	9.7	8	PHG SPZ1462
	1487	9.7	8	PHG SPZ1487
	1500	9.7	8	PHG SPZ1500
	1512	9.7	8	PHG SPZ1512
	1520	9.7	8	PHG SPZ1520
	1537	9.7	8	PHG SPZ1537
	1562	9.7	8	PHG SPZ1562
	1587	9.7	8	PHG SPZ1587
	1600	9.7	8	PHG SPZ1600
	1612	9.7	8	PHG SPZ1612
	1637	9.7	8	PHG SPZ1637
	1650	9.7	8	PHG SPZ1650
	1662	9.7	8	PHG SPZ1662
	1687	9.7	8	PHG SPZ1687
	1700	9.7	8	PHG SPZ1700
	1737	9.7	8	PHG SPZ1737
	1750	9.7	8	PHG SPZ1750
	1762	9.7	8	PHG SPZ1762
	1787	9.7	8	PHG SPZ1787
	1800	9.7	8	PHG SPZ1800
	1812	9.7	8	PHG SPZ1812
	1837	9.7	8	PHG SPZ1837
	1850	9.7	8	PHG SPZ1850
	1862	9.7	8	PHG SPZ1862
	1887	9.7	8	PHG SPZ1887
	1900	9.7	8	PHG SPZ1900
	1937	9.7	8	PHG SPZ1937
	1950	9.7	8	PHG SPZ1950
	1987	9.7	8	PHG SPZ1987
	2000	9.7	8	PHG SPZ2000
	2037	9.7	8	PHG SPZ2037
	2060	9.7	8	PHG SPZ2060
	2120	9.7	8	PHG SPZ2120
	2137	9.7	8	PHG SPZ2137
	2160	9.7	8	PHG SPZ2160
	2187	9.7	8	PHG SPZ2187
	2240	9.7	8	PHG SPZ2240
	2262	9.7	8	PHG SPZ2262
	2280	9.7	8	PHG SPZ2280
	2287	9.7	8	PHG SPZ2287
SPZ	2360	9.7	8	PHG SPZ2360
	2410	9.7	8	PHG SPZ2410
	2500	9.7	8	PHG SPZ2500
	2540	9.7	8	PHG SPZ2540
	2580	9.7	8	PHG SPZ2580
	2650	9.7	8	PHG SPZ2650
	2690	9.7	8	PHG SPZ2690
	2800	9.7	8	PHG SPZ2800
	2840	9.7	8	PHG SPZ2840
	2900	9.7	8	PHG SPZ2900
	3000	9.7	8	PHG SPZ3000
	3150	9.7	8	PHG SPZ3150
	3170	9.7	8	PHG SPZ3170
	3350	9.7	8	PHG SPZ3350
	3550	9.7	8	PHG SPZ3550
SPA	732	12.7	10	PHG SPA732
	757	12.7	10	PHG SPA757
	775	12.7	10	PHG SPA775
	782	12.7	10	PHG SPA782
	800	12.7	10	PHG SPA800
	807	12.7	10	PHG SPA807
	832	12.7	10	PHG SPA832
	850	12.7	10	PHG SPA850
	857	12.7	10	PHG SPA857
	882	12.7	10	PHG SPA882
	900	12.7	10	PHG SPA900
	907	12.7	10	PHG SPA907
	925	12.7	10	PHG SPA925
	932	12.7	10	PHG SPA932
	950	12.7	10	PHG SPA950
	957	12.7	10	PHG SPA957
	969	12.7	10	PHG SPA969
	975	12.7	10	PHG SPA975
	982	12.7	10	PHG SPA982
	1000	12.7	10	PHG SPA1000
	1007	12.7	10	PHG SPA1007
	1030	12.7	10	PHG SPA1030
	1032	12.7	10	PHG SPA1032
	1055	12.7	10	PHG SPA1055
	1060	12.7	10	PHG SPA1060
	1082	12.7	10	PHG SPA1082
	1090	12.7	10	PHG SPA1090
	1107	12.7	10	PHG SPA1107
	1120	12.7	10	PHG SPA1120
	1132	12.7	10	PHG SPA1132
	1150	12.7	10	PHG SPA1150
	1157	12.7	10	PHG SPA1157
	1180	12.7	10	PHG SPA1180
	1190	12.7	10	PHG SPA1190
	1200	12.7	10	PHG SPA1200
	1207	12.7	10	PHG SPA1207
	1220	12.7	10	PHG SPA1220
	1232	12.7	10	PHG SPA1232
	1250	12.7	10	PHG SPA1250
	1257	12.7	10	PHG SPA1257

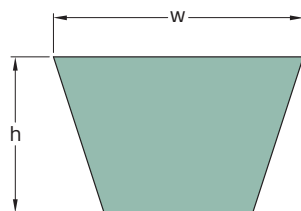
Non-standard lengths are also available.

Wrapped wedge belts SPA | SPB | SPC

Section	Dimensions			Designation	Section	Dimensions			Designation	Section	Dimensions			Designation
	Pitch length	w	h			Pitch length	w	h			Pitch length	w	h	
–	mm			–	–	mm			–	–	mm			–
SPA	1272	12.7	10	PHG SPA1272	SPA	2 632	12.7	10	PHG SPA2632	SPB	3 450	16.3	13	PHG SPB3450
	1282	12.7	10	PHG SPA1282		2 650	12.7	10	PHG SPA2650		3 550	16.3	13	PHG SPB3550
	1300	12.7	10	PHG SPA1300		2 682	12.7	10	PHG SPA2682		3 650	16.3	13	PHG SPB3650
	1307	12.7	10	PHG SPA1307		2 732	12.7	10	PHG SPA2732		3 750	16.3	13	PHG SPB3750
	1320	12.7	10	PHG SPA1320		2 782	12.7	10	PHG SPA2782		3 800	16.3	13	PHG SPB3800
	1332	12.7	10	PHG SPA1332		2 800	12.7	10	PHG SPA2800		3 870	16.3	13	PHG SPB3870
	1357	12.7	10	PHG SPA1357		2 832	12.7	10	PHG SPA2832		4 000	16.3	13	PHG SPB4000
	1360	12.7	10	PHG SPA1360		2 847	12.7	10	PHG SPA2847		4 060	16.3	13	PHG SPB4060
	1367	12.7	10	PHG SPA1367		2 882	12.7	10	PHG SPA2882		4 120	16.3	13	PHG SPB4120
	1382	12.7	10	PHG SPA1382		2 900	12.7	10	PHG SPA2900		4 250	16.3	13	PHG SPB4250
	1400	12.7	10	PHG SPA1400		2 932	12.7	10	PHG SPA2932		4 310	16.3	13	PHG SPB4310
	1407	12.7	10	PHG SPA1407		2 982	12.7	10	PHG SPA2982		4 500	16.3	13	PHG SPB4500
	1415	12.7	10	PHG SPA1415		3 000	12.7	10	PHG SPA3000		4 560	16.3	13	PHG SPB4560
	1420	12.7	10	PHG SPA1420		3 032	12.7	10	PHG SPA3032		4 620	16.3	13	PHG SPB4620
	1432	12.7	10	PHG SPA1432		3 082	12.7	10	PHG SPA3082		4 750	16.3	13	PHG SPB4750
	1450	12.7	10	PHG SPA1450		3 150	12.7	10	PHG SPA3150		4 820	16.3	13	PHG SPB4820
	1457	12.7	10	PHG SPA1457		3 182	12.7	10	PHG SPA3182		5 000	16.3	13	PHG SPB5000
	1482	12.7	10	PHG SPA1482		3 282	12.7	10	PHG SPA3282		5 070	16.3	13	PHG SPB5070
	1490	12.7	10	PHG SPA1490		3 350	12.7	10	PHG SPA3350		5 300	16.3	13	PHG SPB5300
	1500	12.7	10	PHG SPA1500		3 382	12.7	10	PHG SPA3382		5 380	16.3	13	PHG SPB5380
	1507	12.7	10	PHG SPA1507		3 550	12.7	10	PHG SPA3550		5 500	16.3	13	PHG SPB5500
	1532	12.7	10	PHG SPA1532		3 750	12.7	10	PHG SPA3750		5 600	16.3	13	PHG SPB5600
	1550	12.7	10	PHG SPA1550		4 000	12.7	10	PHG SPA4000		5 680	16.3	13	PHG SPB5680
	1557	12.7	10	PHG SPA1557		4 250	12.7	10	PHG SPA4250		6 000	16.3	13	PHG SPB6000
	1582	12.7	10	PHG SPA1582		4 500	12.7	10	PHG SPA4500		6 300	16.3	13	PHG SPB6300
	1600	12.7	10	PHG SPA1600	SPB	1 250	16.3	13	PHG SPB1250		6 340	16.3	13	PHG SPB6340
	1607	12.7	10	PHG SPA1607		1 260	16.3	13	PHG SPB1260		6 700	16.3	13	PHG SPB6700
	1632	12.7	10	PHG SPA1632		1 270	16.3	13	PHG SPB1270		7 100	16.3	13	PHG SPB7100
	1650	12.7	10	PHG SPA1650		1 280	16.3	13	PHG SPB1280		7 500	16.3	13	PHG SPB7500
	1657	12.7	10	PHG SPA1657		1 320	16.3	13	PHG SPB1320		8 000	16.3	13	PHG SPB8000
	1682	12.7	10	PHG SPA1682		1 340	16.3	13	PHG SPB1340	SPC	1 700	22.0	18	PHG SPC1700
	1700	12.7	10	PHG SPA1700		1 400	16.3	13	PHG SPB1400		2 000	22.0	18	PHG SPC2000
	1707	12.7	10	PHG SPA1707		1 410	16.3	13	PHG SPB1410		2 120	22.0	18	PHG SPC2120
	1732	12.7	10	PHG SPA1732		1 450	16.3	13	PHG SPB1450		2 240	22.0	18	PHG SPC2240
	1750	12.7	10	PHG SPA1750		1 465	16.3	13	PHG SPB1465		2 360	22.0	18	PHG SPC2360
	1757	12.7	10	PHG SPA1757		1 500	16.3	13	PHG SPB1500		2 500	22.0	18	PHG SPC2500
	1782	12.7	10	PHG SPA1782		1 510	16.3	13	PHG SPB1510		2 650	22.0	18	PHG SPC2650
	1800	12.7	10	PHG SPA1800		1 525	16.3	13	PHG SPB1525		2 800	22.0	18	PHG SPC2800
	1807	12.7	10	PHG SPA1807		1 590	16.3	13	PHG SPB1590		3 000	22.0	18	PHG SPC3000
	1820	12.7	10	PHG SPA1820		1 600	16.3	13	PHG SPB1600		3 150	22.0	18	PHG SPC3150
	1832	12.7	10	PHG SPA1832		1 650	16.3	13	PHG SPB1650		3 350	22.0	18	PHG SPC3350
	1850	12.7	10	PHG SPA1850		1 690	16.3	13	PHG SPB1690		3 550	22.0	18	PHG SPC3550
	1857	12.7	10	PHG SPA1857		1 700	16.3	13	PHG SPB1700		3 750	22.0	18	PHG SPC3750
	1882	12.7	10	PHG SPA1882		1 720	16.3	13	PHG SPB1720		4 000	22.0	18	PHG SPC4000
	1900	12.7	10	PHG SPA1900		1 750	16.3	13	PHG SPB1750		4 250	22.0	18	PHG SPC4250
	1907	12.7	10	PHG SPA1907		1 800	16.3	13	PHG SPB1800		4 500	22.0	18	PHG SPC4500
	1932	12.7	10	PHG SPA1932		1 850	16.3	13	PHG SPB1850		4 750	22.0	18	PHG SPC4750
	1950	12.7	10	PHG SPA1950		1 900	16.3	13	PHG SPB1900		5 000	22.0	18	PHG SPC5000
	1957	12.7	10	PHG SPA1957		2 000	16.3	13	PHG SPB2000		5 300	22.0	18	PHG SPC5300
	1982	12.7	10	PHG SPA1982		2 020	16.3	13	PHG SPB2020		5 600	22.0	18	PHG SPC5600
	2 000	12.7	10	PHG SPA2000		2 060	16.3	13	PHG SPB2060		6 000	22.0	18	PHG SPC6000
	2 032	12.7	10	PHG SPA2032		2 120	16.3	13	PHG SPB2120		6 300	22.0	18	PHG SPC6300
	2 057	12.7	10	PHG SPA2057		2 150	16.3	13	PHG SPB2150		6 700	22.0	18	PHG SPC6700
	2 060	12.7	10	PHG SPA2060		2 180	16.3	13	PHG SPB2180		7 100	22.0	18	PHG SPC7100
	2 082	12.7	10	PHG SPA2082		2 240	16.3	13	PHG SPB2240		7 500	22.0	18	PHG SPC7500
	2 120	12.7	10	PHG SPA2120		2 280	16.3	13	PHG SPB2280		8 000	22.0	18	PHG SPC8000
	2 132	12.7	10	PHG SPA2132		2 360	16.3	13	PHG SPB2360		8 500	22.0	18	PHG SPC8500
	2 160	12.7	10	PHG SPA2160		2 410	16.3	13	PHG SPB2410		9 000	22.0	18	PHG SPC9000
	2 182	12.7	10	PHG SPA2182		2 430	16.3	13	PHG SPB2430		9 500	22.0	18	PHG SPC9500
	2 207	12.7	10	PHG SPA2207		2 500	16.3	13	PHG SPB2500		10 000	22.0	18	PHG SPC10000
	2 232	12.7	10	PHG SPA2232		2 530	16.3	13	PHG SPB2530		10 600	22.0	18	PHG SPC10600
	2 240	12.7	10	PHG SPA2240		2 580	16.3	13	PHG SPB2580		11 200	22.0	18	PHG SPC11200
	2 282	12.7	10	PHG SPA2282		2 600	16.3	13	PHG SPB2600		11 800	22.0	18	PHG SPC11800
	2 300	12.7	10	PHG SPA2300		2 650	16.3	13	PHG SPB2650		12 500	22.0	18	PHG SPC12500
	2 307	12.7	10	PHG SPA2307		2 680	16.3	13	PHG SPB2680					
	2 332	12.7	10	PHG SPA2332		2 700	16.3	13	PHG SPB2700					
	2 360	12.7	10	PHG SPA2360		2 800	16.3	13	PHG SPB2800					
	2 382	12.7	10	PHG SPA2382		2 840	16.3	13	PHG SPB2840					
	2 430	12.7	10	PHG SPA2430		2 900	16.3	13	PHG SPB2900					
	2 432	12.7	10	PHG SPA2432		2 990	16.3	13	PHG SPB2990					
	2 482	12.7	10	PHG SPA2482		3 000	16.3	13	PHG SPB3000					
	2 500	12.7	10	PHG SPA2500		3 070	16.3	13	PHG SPB3070					
	2 532	12.7	10	PHG SPA2532		3 150	16.3	13	PHG SPB3150					
	2 582	12.7	10	PHG SPA2582		3 250	16.3	13	PHG SPB3250					
	2 607	12.7	10	PHG SPA2607		3 350	16.3	13	PHG SPB3350					

Non-standard lengths are also available.

Wrapped classical belts 10/Z

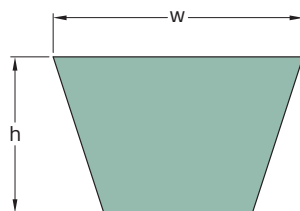


Section	Dimensions			w	h	Designation
	Pitch length	Inside length				
–	mm	in.	–	mm	–	–
10/Z	396	370	14.50	10	6	PHG Z14.5
	401	375	14.75	10	6	PHG Z14.75
	406	380	15.00	10	6	PHG Z15
	416	390	15.25	10	6	PHG Z15.25
	421	395	15.50	10	6	PHG Z15.5
	432	405	16.00	10	6	PHG Z16
	446	420	16.50	10	6	PHG Z16.5
	451	425	16.75	10	6	PHG Z16.75
	456	430	17.00	10	6	PHG Z17
	471	445	17.50	10	6	PHG Z17.5
	481	455	18.00	10	6	PHG Z18
	496	470	18.50	10	6	PHG Z18.5
	509	483	19.00	10	6	PHG Z19
	531	505	20.00	10	6	PHG Z20
	541	515	20.25	10	6	PHG Z20.25
	545	533	21.00	10	6	PHG Z21
	570	559	22.00	10	6	PHG Z22
	600	585	23.00	10	6	PHG Z23
	616	590	23.25	10	6	PHG Z23.25
	626	600	23.50	10	6	PHG Z23.5
	631	605	23.75	10	6	PHG Z23.75
	636	610	24.00	10	6	PHG Z24
	646	620	24.50	10	6	PHG Z24.5
	656	630	24.75	10	6	PHG Z24.75
	661	635	25.00	10	6	PHG Z25
	667	640	25.25	10	6	PHG Z25.25
	677	650	25.50	10	6	PHG Z25.5
	682	655	25.75	10	6	PHG Z25.75
	686	660	26.00	10	6	PHG Z26
	706	680	26.25	10	6	PHG Z26.25
	711	685	27.00	10	6	PHG Z27
	716	690	27.25	10	6	PHG Z27.25
	737	711	28.00	10	6	PHG Z28
	751	735	29.00	10	6	PHG Z29
	788	762	30.00	10	6	PHG Z30
	801	775	30.50	10	6	PHG Z30.5
	806	780	30.75	10	6	PHG Z30.75
	816	790	31.00	10	6	PHG Z31
	831	805	31.75	10	6	PHG Z31.75
	836	810	32.00	10	6	PHG Z32
	856	830	32.75	10	6	PHG Z32.75
	866	840	33.00	10	6	PHG Z33
	890	864	34.00	10	6	PHG Z34
	901	875	34.50	10	6	PHG Z34.5
	911	885	34.75	10	6	PHG Z34.75
	916	890	35.00	10	6	PHG Z35
	921	895	35.25	10	6	PHG Z35.25
	926	900	35.50	10	6	PHG Z35.5
	936	910	35.75	10	6	PHG Z35.75
	941	915	36.00	10	6	PHG Z36
	956	930	36.50	10	6	PHG Z36.5
	961	935	36.75	10	6	PHG Z36.75
	966	940	37.00	10	6	PHG Z37
	971	945	37.25	10	6	PHG Z37.25
	979	953	37.5	10	6	PHG Z37.5

Section	Dimensions			w	h	Designation
	Pitch length	Inside length				
–	mm	in.	–	mm	–	–
10/Z	986	960	37.75	10	6	PHG Z37.75
	991	965	38.00	10	6	PHG Z38
	996	970	38.25	10	6	PHG Z38.25
	1016	990	39.00	10	6	PHG Z39
	1031	1005	39.50	10	6	PHG Z39.5
	1042	1016	40.00	10	6	PHG Z40
	1067	1041	41.00	10	6	PHG Z41
	1091	1065	42.00	10	6	PHG Z42
	1106	1080	42.50	10	6	PHG Z42.5
	1116	1090	43.00	10	6	PHG Z43
	1144	1118	44.00	10	6	PHG Z44
	1166	1140	45.00	10	6	PHG Z45
	1176	1150	45.25	10	6	PHG Z45.25
	1194	1168	46.00	10	6	PHG Z46
	1220	1194	47.00	10	6	PHG Z47
	1245	1219	48.00	10	6	PHG Z48
	1251	1225	48.25	10	6	PHG Z48.25
	1256	1230	48.50	10	6	PHG Z48.5
	1271	1245	49.00	10	6	PHG Z49
	1296	1270	50.00	10	6	PHG Z50
	1321	1295	51.00	10	6	PHG Z51
	1347	1321	52.00	10	6	PHG Z52
	1372	1346	53.00	10	6	PHG Z53
	1398	1372	54.00	10	6	PHG Z54
	1423	1397	55.00	10	6	PHG Z55
	1448	1422	56.00	10	6	PHG Z56
	1474	1448	57.00	10	6	PHG Z57
	1525	1499	59.00	10	6	PHG Z59
	1550	1524	60.00	10	6	PHG Z60
	1575	1549	61.00	10	6	PHG Z61
	1601	1575	62.00	10	6	PHG Z62
	1626	1600	63.00	10	6	PHG Z63
	1652	1626	64.00	10	6	PHG Z64
	1677	1651	65.00	10	6	PHG Z65
	1702	1676	66.00	10	6	PHG Z66
	1728	1702	67.00	10	6	PHG Z67
	1753	1727	68.00	10	6	PHG Z68
	1779	1753	69.00	10	6	PHG Z69
	1829	1803	71.00	10	6	PHG Z71
	1930	1905	75.00	10	6	PHG Z75
	2000	1975	78.00	10	6	PHG Z78
	2030	2005	79.00	10	6	PHG Z79
	2520	2495	98.25	10	6	PHG Z98.25

Non-standard lengths are also available.

Wrapped classical belts 13/A

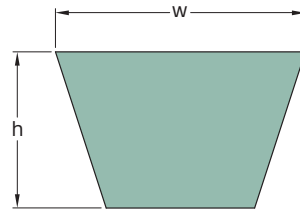


A

Section	Dimensions						Designation	Section	Dimensions						Designation
	Pitch length	Inside length							Pitch length	Inside length					
			w	h							w	h			
–	mm	in.	mm		–		–	mm	in.	mm			–		
13/A	439	406	16.00	13	8	PHG A16	13/A	1684	1651	65.00	13	8	PHG A65		
	490	457	18.00	13	8	PHG A18	1709	1676	66.00	13	8	PHG A66			
	516	483	19.00	13	8	PHG A19	1740	1702	67.00	13	8	PHG A67			
	541	508	20.00	13	8	PHG A20	1760	1727	68.00	13	8	PHG A68			
	566	533	21.00	13	8	PHG A21	1790	1753	69.00	13	8	PHG A69			
	592	559	22.00	13	8	PHG A22	1810	1778	70.00	13	8	PHG A70			
	603	570	22.50	13	8	PHG A22.5	1840	1803	71.00	13	8	PHG A71			
	618	585	23.00	13	8	PHG A23	1860	1829	72.00	13	8	PHG A72			
	643	610	24.00	13	8	PHG A24	1890	1854	73.00	13	8	PHG A73			
	668	635	25.00	13	8	PHG A25	1920	1880	74.00	13	8	PHG A74			
	681	648	25.50	13	8	PHG A25.5	1940	1905	75.00	13	8	PHG A75			
	693	660	26.00	13	8	PHG A26	1960	1930	76.00	13	8	PHG A76			
	719	686	27.00	13	8	PHG A27	1990	1956	77.00	13	8	PHG A77			
	744	711	28.00	13	8	PHG A28	2020	1981	78.00	13	8	PHG A78			
	770	737	29.00	13	8	PHG A29	2050	2005	79.00	13	8	PHG A79			
	785	762	30.00	13	8	PHG A30	2070	2032	80.00	13	8	PHG A80			
	813	780	30.75	13	8	PHG A30.75	2090	2057	81.00	13	8	PHG A81			
	818	785	31.00	13	8	PHG A31	2120	2083	82.00	13	8	PHG A82			
	846	813	32.00	13	8	PHG A32	2140	2108	83.00	13	8	PHG A83			
	871	838	33.00	13	8	PHG A33	2170	2134	84.00	13	8	PHG A84			
	883	850	33.50	13	8	PHG A33.5	2200	2159	85.00	13	8	PHG A85			
	888	855	33.75	13	8	PHG A33.75	2220	2184	86.00	13	8	PHG A86			
	893	860	34.00	13	8	PHG A34	2240	2210	87.00	13	8	PHG A87			
	922	889	35.00	13	8	PHG A35	2270	2235	88.00	13	8	PHG A88			
	947	914	36.00	13	8	PHG A36	2300	2261	89.00	13	8	PHG A89			
	973	940	37.00	13	8	PHG A37	2320	2286	90.00	13	8	PHG A90			
	998	965	38.00	13	8	PHG A38	2350	2311	91.00	13	8	PHG A91			
	1023	990	39.00	13	8	PHG A39	2370	2337	92.00	13	8	PHG A92			
	1049	1016	40.00	13	8	PHG A40	2400	2362	93.00	13	8	PHG A93			
	1074	1041	41.00	13	8	PHG A41	2420	2388	94.00	13	8	PHG A94			
	1100	1067	42.00	13	8	PHG A42	2450	2413	95.00	13	8	PHG A95			
	1133	1090	43.00	13	8	PHG A43	2480	2438	96.00	13	8	PHG A96			
	1151	1118	44.00	13	8	PHG A44	2500	2464	97.00	13	8	PHG A97			
	1176	1143	45.00	13	8	PHG A45	2520	2490	98.00	13	8	PHG A98			
	1201	1168	46.00	13	8	PHG A46	2550	2515	99.00	13	8	PHG A99			
	1228	1195	47.00	13	8	PHG A47	2570	2540	100.00	13	8	PHG A100			
	1243	1210	47.50	13	8	PHG A47.5	2630	2591	102.00	13	8	PHG A102			
	1252	1219	48.00	13	8	PHG A48	2680	2640	104.00	13	8	PHG A104			
	1263	1230	48.50	13	8	PHG A48.5	2700	2667	105.00	13	8	PHG A105			
	1278	1245	49.00	13	8	PHG A49	2750	2715	107.00	13	8	PHG A107			
	1303	1270	50.00	13	8	PHG A50	2780	2743	108.00	13	8	PHG A108			
	1328	1295	51.00	13	8	PHG A51	2830	2795	110.00	13	8	PHG A110			
	1354	1321	52.00	13	8	PHG A52	2854	2820	111.00	13	8	PHG A111			
	1379	1346	53.00	13	8	PHG A53	2880	2845	112.00	13	8	PHG A112			
	1405	1372	54.00	13	8	PHG A54	2930	2896	114.00	13	8	PHG A114			
	1430	1397	55.00	13	8	PHG A55	2979	2946	116.00	13	8	PHG A116			
	1455	1422	56.00	13	8	PHG A56	3030	2997	118.00	13	8	PHG A118			
	1481	1448	57.00	13	8	PHG A57	3081	3048	120.00	13	8	PHG A120			
	1506	1473	58.00	13	8	PHG A58	3183	3150	124.00	13	8	PHG A124			
	1532	1499	59.00	13	8	PHG A59	3284	3251	128.00	13	8	PHG A128			
	1557	1524	60.00	13	8	PHG A60	3335	3302	130.00	13	8	PHG A130			
	1582	1549	61.00	13	8	PHG A61	3386	3353	132.00	13	8	PHG A132			
	1608	1575	62.00	13	8	PHG A62	3487	3454	136.00	13	8	PHG A136			
	1633	1600	63.00	13	8	PHG A63	3588	3555	140.00	13	8	PHG A140			
	1659	1626	64.00	13	8	PHG A64	3691	3658	144.00	13	8	PHG A144			

Non-standard lengths are also available.

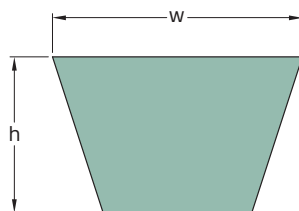
Wrapped classical belts
13/A | 17/B



Section	Dimensions					Designation		Dimensions					Designation
	Pitch length	Inside length		w	h			Pitch length	Inside length		w	h	
–	mm	in.		mm		–		mm	in.		mm		–
13/A	3 793	3 760	148.00	13	8	PHG A148		1 290	1 245	49.00	17	11	PHG B49
	3 843	3 810	150.00	13	8	PHG A150		1 310	1 270	50.00	17	11	PHG B50
	4 038	4 005	157.75	13	8	PHG A157.75		1 340	1 295	51.00	17	11	PHG B51
	4 043	4 015	158.00	13	8	PHG A158		1 370	1 321	52.00	17	11	PHG B52
	4 073	4 040	159.00	13	8	PHG A159		1 390	1 346	53.00	17	11	PHG B53
	4 274	4 240	167.00	13	8	PHG A167		1 410	1 372	54.00	17	11	PHG B54
	4 424	4 394	173.00	13	8	PHG A173		1 440	1 397	55.00	17	11	PHG B55
	4 784	4 750	187.00	13	8	PHG A187		1 460	1 422	56.00	17	11	PHG B56
								1 490	1 448	57.00	17	11	PHG B57
								1 510	1 473	58.00	17	11	PHG B58
17/B	615	570	22.50	17	11	PHG B22.5		1 540	1 499	59.00	17	11	PHG B59
	624	585	23.00	17	11	PHG B23		1 560	1 524	60.00	17	11	PHG B60
	650	610	24.00	17	11	PHG B24		1 590	1 549	61.00	17	11	PHG B61
	675	635	25.00	17	11	PHG B25		1 620	1 575	62.00	17	11	PHG B62
	693	648	25.5	17	11	PHG B25.5		1 640	1 600	63.00	17	11	PHG B63
	700	660	26.00	17	11	PHG B26		1 670	1 626	64.00	17	11	PHG B64
	713	668	26.25	17	11	PHG B26.25		1 690	1 651	65.00	17	11	PHG B65
	730	686	27.00	17	11	PHG B27		1 720	1 676	66.00	17	11	PHG B66
	750	711	28.00	17	11	PHG B28		1 740	1 702	67.00	17	11	PHG B67
	770	736	29.00	17	11	PHG B29		1 760	1 727	68.00	17	11	PHG B68
	795	750	29.5	17	11	PHG B29.5		1 800	1 753	69.00	17	11	PHG B69
	800	755	29.75	17	11	PHG B29.75		1 820	1 778	70.00	17	11	PHG B70
	805	760	30.00	17	11	PHG B30		1 850	1 803	71.00	17	11	PHG B71
	820	775	30.5	17	11	PHG B30.5		1 870	1 829	72.00	17	11	PHG B72
	830	785	31.00	17	11	PHG B31		1 900	1 854	73.00	17	11	PHG B73
	840	795	31.25	17	11	PHG B31.25		1 920	1 880	74.00	17	11	PHG B74
	845	800	31.5	17	11	PHG B31.5		1 950	1 905	75.00	17	11	PHG B75
	850	805	31.75	17	11	PHG B31.75		1 970	1 930	76.00	17	11	PHG B76
	860	812	32.00	17	11	PHG B32		2 000	1 956	77.00	17	11	PHG B77
	864	819	32.25	17	11	PHG B32.25		2 020	1 981	78.00	17	11	PHG B78
	880	838	33.00	17	11	PHG B33		2 050	2 005	79.00	17	11	PHG B79
	895	850	33.5	17	11	PHG B33.5		2 070	2 032	80.00	17	11	PHG B80
	900	855	33.75	17	11	PHG B33.75		2 100	2 057	81.00	17	11	PHG B81
	910	860	34.00	17	11	PHG B34		2 130	2 083	82.00	17	11	PHG B82
	930	889	35.00	17	11	PHG B35		2 150	2 108	83.00	17	11	PHG B83
	945	900	35.5	17	11	PHG B35.5		2 180	2 134	84.00	17	11	PHG B84
	950	905	35.75	17	11	PHG B35.75		2 200	2 159	85.00	17	11	PHG B85
	960	910	36.00	17	11	PHG B36		2 230	2 185	86.00	17	11	PHG B86
	965	920	36.25	17	11	PHG B36.25		2 250	2 210	87.00	17	11	PHG B87
	975	930	36.5	17	11	PHG B36.5		2 280	2 235	88.00	17	11	PHG B88
	980	940	37.00	17	11	PHG B37		2 300	2 261	89.00	17	11	PHG B89
	1000	965	38.00	17	11	PHG B38		2 330	2 286	90.00	17	11	PHG B90
	1035	990	39.00	17	11	PHG B39		2 350	2 310	91.00	17	11	PHG B91
	1045	1000	39.25	17	11	PHG B39.25		2 380	2 337	92.00	17	11	PHG B92
	1050	1005	39.5	17	11	PHG B39.5		2 400	2 362	93.00	17	11	PHG B93
	1060	1016	40.00	17	11	PHG B40		2 420	2 388	94.00	17	11	PHG B94
	1080	1041	41.00	17	11	PHG B41		2 450	2 413	95.00	17	11	PHG B95
	1100	1065	42.00	17	11	PHG B42		2 480	2 438	96.00	17	11	PHG B96
	1130	1092	43.00	17	11	PHG B43		2 500	2 464	97.00	17	11	PHG B97
	1160	1118	44.00	17	11	PHG B44		2 530	2 490	98.00	17	11	PHG B98
	1180	1145	45.00	17	11	PHG B45		2 560	2 515	99.00	17	11	PHG B99
	1200	1155	45.5	17	11	PHG B45.5		2 580	2 540	100.00	17	11	PHG B100
	1210	1170	46.00	17	11	PHG B46		2 610	2 565	101.00	17	11	PHG B101
	1240	1195	47.00	17	11	PHG B47		2 630	2 590	102.00	17	11	PHG B102
	1260	1219	48.00	17	11	PHG B48		2 660	2 616	103.00	17	11	PHG B103

Non-standard lengths are also available.

Wrapped classical belts
17/B | 22/C

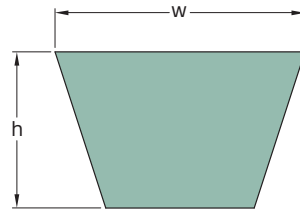


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Section	Dimensions		Designation	w	h	
	Pitch length	Inside length				
–	mm	in.	–	mm	–	–
17/B	2 680	2 640	104.00	17	11	PHG B104
	2 700	2 667	105.00	17	11	PHG B105
	2 740	2 695	106.00	17	11	PHG B106
	2 760	2 718	107.00	17	11	PHG B107
	2 790	2 745	108.00	17	11	PHG B108
	2 815	2 770	109.00	17	11	PHG B109
	2 840	2 794	110.00	17	11	PHG B110
	2 870	2 825	111.25	17	11	PHG B111.25
	2 890	2 845	112.00	17	11	PHG B112
	2 940	2 896	114.00	17	11	PHG B114
	2 960	2 921	115.00	17	11	PHG B115
	2 990	2 946	116.00	17	11	PHG B116
	3 040	2 997	118.00	17	11	PHG B118
	3 090	3 048	120.00	17	11	PHG B120
	3 140	3 099	122.00	17	11	PHG B122
	3 200	3 150	124.00	17	11	PHG B124
	3 240	3 200	126.00	17	11	PHG B126
	3 290	3 251	128.00	17	11	PHG B128
	3 350	3 302	130.00	17	11	PHG B130
	3 400	3 353	132.00	17	11	PHG B132
	3 450	3 404	134.00	17	11	PHG B134
	3 500	3 454	136.00	17	11	PHG B136
	3 550	3 505	138.00	17	11	PHG B138
	3 600	3 555	140.00	17	11	PHG B140
	3 625	3 580	141.00	17	11	PHG B141
	3 650	3 605	142.00	17	11	PHG B142
	3 677	3 632	143.00	17	11	PHG B143
	3 700	3 658	144.00	17	11	PHG B144
	3 750	3 710	146.00	17	11	PHG B146
	3 780	3 735	147.00	17	11	PHG B147
	3 800	3 760	148.00	17	11	PHG B148
	3 850	3 810	150.00	17	11	PHG B150
	3 870	3 835	151.00	17	11	PHG B151
	3 900	3 861	152.00	17	11	PHG B152
	3 950	3 912	154.00	17	11	PHG B154
	3 980	3 935	155.00	17	11	PHG B155
	3 995	3 950	155.50	17	11	PHG B155.5
	4 010	3 962	156.00	17	11	PHG B156
	4 060	4 015	158.00	17	11	PHG B158
	4 110	4 064	160.00	17	11	PHG B160
	4 160	4 115	162.00	17	11	PHG B162
	4 200	4 166	164.00	17	11	PHG B164
	4 230	4 190	165.00	17	11	PHG B165
	4 240	4 195	165.25	17	11	PHG B165.25
	4 280	4 240	167.00	17	11	PHG B167
	4 295	4 250	167.25	17	11	PHG B167.25
	4 360	4 318	170.00	17	11	PHG B170
	4 430	4 394	173.00	17	11	PHG B173
	4 490	4 445	175.00	17	11	PHG B175
	4 540	4 496	177.00	17	11	PHG B177
	4 610	4 572	180.00	17	11	PHG B180
	4 740	4 699	185.00	17	11	PHG B185
	4 800	4 750	187.00	17	11	PHG B187
	5 000	4 953	195.00	17	11	PHG B195
	5 050	5 004	197.00	17	11	PHG B197
–	mm	in.	–	mm	–	–
17/B	5 225	5 182	204.00	17	11	PHG B204
	5 275	5 230	206.00	17	11	PHG B206
	5 325	5 283	208.00	17	11	PHG B208
	5 370	5 334	210.00	17	11	PHG B210
	5 635	5 590	220.00	17	11	PHG B220
	5 645	5 600	220.50	17	11	PHG B220.5
	5 685	5 640	222.00	17	11	PHG B222
	5 760	5 715	225.00	17	11	PHG B225
	6 040	5 995	236.00	17	11	PHG B236
	6 140	6 096	240.00	17	11	PHG B240
	6 340	6 299	248.00	17	11	PHG B248
	6 745	6 700	263.75	17	11	PHG B263.75
	6 750	6 706	264.00	17	11	PHG B264
	6 775	6 730	265.00	17	11	PHG B265
	6 900	6 858	270.00	17	11	PHG B270
	7 025	6 985	275.00	17	11	PHG B275
	7 050	7 010	276.00	17	11	PHG B276
	7 145	7 100	279.50	17	11	PHG B279.5
	7 155	7 110	280.00	17	11	PHG B280
	7 665	7 620	300.00	17	11	PHG B300
	8 045	8 001	315.00	17	11	PHG B315
22/C	1 126	1 067	42.00	22	14	PHG C42
	1 150	1 092	43.00	22	14	PHG C43
	1 250	1 194	47.00	22	14	PHG C47
	1 280	1 219	48.00	22	14	PHG C48
	1 300	1 245	49.00	22	14	PHG C49
	1 325	1 270	50.00	22	14	PHG C50
	1 350	1 295	51.00	22	14	PHG C51
	1 370	1 321	52.00	22	14	PHG C52
	1 400	1 346	53.00	22	14	PHG C53
	1 430	1 372	54.00	22	14	PHG C54
	1 450	1 397	55.00	22	14	PHG C55
	1 480	1 422	56.00	22	14	PHG C56
	1 500	1 448	57.00	22	14	PHG C57
	1 530	1 473	58.00	22	14	PHG C58
	1 560	1 499	59.00	22	14	PHG C59
	1 580	1 524	60.00	22	14	PHG C60
	1 610	1 549	61.00	22	14	PHG C61
	1 630	1 575	62.00	22	14	PHG C62
	1 650	1 600	63.00	22	14	PHG C63
	1 700	1 651	65.00	22	14	PHG C65
	1 730	1 676	66.00	22	14	PHG C66
	1 760	1 702	67.00	22	14	PHG C67
	1 780	1 727	68.00	22	14	PHG C68
	1 810	1 753	69.00	22	14	PHG C69
	1 830	1 778	70.00	22	14	PHG C70
	1 860	1 803	71.00	22	14	PHG C71
	1 880	1 829	72.00	22	14	PHG C72
	1 910	1 854	73.00	22	14	PHG C73
	1 930	1 880	74.00	22	14	PHG C74
	1 950	1 905	75.00	22	14	PHG C75

Non-standard lengths are also available.

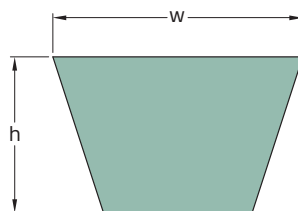
Wrapped classical belts 22/C



Section	Dimensions					Designation		Dimensions					Designation
	Pitch length	Inside length						Pitch length	Inside length				
			w	h						w	h		
–	mm	in.	mm		–		–	mm	in.	mm		–	
22/C	1 990	1 930	76.00	22	14	PHG C76	22/C	4 046	3 990	157.00	22	14	PHG C157
	2 010	1 956	77.00	22	14	PHG C77		4 060	4 015	158.00	22	14	PHG C158
	2 040	1 981	78.00	22	14	PHG C78		4 097	4 040	159.00	22	14	PHG C159
	2 060	2 005	79.00	22	14	PHG C79		4 160	4 100	161.50	22	14	PHG C161.5
	2 090	2 032	80.00	22	14	PHG C80		4 170	4 115	162.00	22	14	PHG C162
	2 110	2 057	81.00	22	14	PHG C81		4 280	4 216	166.00	22	14	PHG C166
	2 140	2 083	82.00	22	14	PHG C82		4 300	4 240	167.00	22	14	PHG C167
	2 160	2 108	83.00	22	14	PHG C83		4 320	4 267	168.00	22	14	PHG C168
	2 190	2 134	84.00	22	14	PHG C84		4 450	4 394	173.00	22	14	PHG C173
	2 220	2 159	85.00	22	14	PHG C85		4 500	4 445	175.00	22	14	PHG C175
	2 240	2 184	86.00	22	14	PHG C86		4 560	4 496	177.00	22	14	PHG C177
	2 270	2 210	87.00	22	14	PHG C87		4 630	4 572	180.00	22	14	PHG C180
	2 290	2 235	88.00	22	14	PHG C88		4 810	4 750	187.00	22	14	PHG C187
	2 320	2 261	89.00	22	14	PHG C89		4 880	4 826	190.00	22	14	PHG C190
	2 340	2 286	90.00	22	14	PHG C90		5 010	4 953	195.00	22	14	PHG C195
	2 390	2 337	92.00	22	14	PHG C92		5 060	5 004	197.00	22	14	PHG C197
	2 420	2 362	93.00	22	14	PHG C93		5 240	5 182	204.00	22	14	PHG C204
	2 440	2 388	94.00	22	14	PHG C94		5 340	5 285	208.00	22	14	PHG C208
	2 470	2 413	95.00	22	14	PHG C95		5 354	5 295	208.50	22	14	PHG C208.5
	2 490	2 438	96.00	22	14	PHG C96		5 380	5 334	210.00	22	14	PHG C210
	2 520	2 464	97.00	22	14	PHG C97		5 640	5 590	220.00	22	14	PHG C220
	2 545	2 490	98.00	22	14	PHG C98		5 770	5 715	225.00	22	14	PHG C225
	2 555	2 500	98.5	22	14	PHG C98.5		5 849	5 790	228.00	22	14	PHG C228
	2 570	2 515	99.00	22	14	PHG C99		5 900	5 845	230.00	22	14	PHG C230
	2 600	2 540	100.00	22	14	PHG C100		6 050	5 995	236.00	22	14	PHG C236
	2 620	2 565	101.00	22	14	PHG C101		6 100	6 045	238.00	22	14	PHG C238
	2 650	2 591	102.00	22	14	PHG C102		6 150	6 096	240.00	22	14	PHG C240
	2 700	2 642	104.00	22	14	PHG C104		6 360	6 299	248.00	22	14	PHG C248
	2 720	2 667	105.00	22	14	PHG C105		6 535	6 477	255.00	22	14	PHG C255
	2 740	2 692	106.00	22	14	PHG C106		6 760	6 706	264.00	22	14	PHG C264
	2 800	2 745	108.00	22	14	PHG C108		6 910	6 858	270.00	22	14	PHG C270
	2 850	2 795	110.00	22	14	PHG C110		7 170	7 110	280.00	22	14	PHG C280
	2 900	2 845	112.00	22	14	PHG C112		7 297	7 240	285.00	22	14	PHG C285
	2 950	2 896	114.00	22	14	PHG C114		7 550	7 495	295.00	22	14	PHG C295
	2 980	2 921	115.00	22	14	PHG C115		7 557	7 500	295.25	22	14	PHG C295.25
	2 992	2 935	115.5	22	14	PHG C115.5		7 680	7 620	300.00	22	14	PHG C300
	3 000	2 946	116.00	22	14	PHG C116		8 060	8 001	315.00	22	14	PHG C315
	3 030	2 970	117.00	22	14	PHG C117		8 338	8 280	326.00	22	14	PHG C326
	3 050	2 997	118.00	22	14	PHG C118		8 390	8 331	328.00	22	14	PHG C328
	3 100	3 048	120.00	22	14	PHG C120		8 440	8 382	330.00	22	14	PHG C330
	3 160	3 099	122.00	22	14	PHG C122		9 200	9 145	360.00	22	14	PHG C360
	3 210	3 150	124.00	22	14	PHG C124		9 970	9 905	390.00	22	14	PHG C390
	3 270	3 200	126.00	22	14	PHG C126		10 470	10 415	410.00	22	14	PHG C410
	3 310	3 251	128.00	22	14	PHG C128		10 670	10 617	418.00	22	14	PHG C418
	3 360	3 302	130.00	22	14	PHG C130		12 300	12 240	482.00	22	14	PHG C482
	3 410	3 353	132.00	22	14	PHG C132		14 536	14 480	570.00	22	14	PHG C570
	3 460	3 404	134.00	22	14	PHG C134							
	3 520	3 454	136.00	22	14	PHG C136							
	3 560	3 505	138.00	22	14	PHG C138							
	3 610	3 555	140.00	22	14	PHG C140							
	3 660	3 607	142.00	22	14	PHG C142							
	3 710	3 658	144.00	22	14	PHG C144							
	3 760	3 710	146.00	22	14	PHG C146							
	3 820	3 760	148.00	22	14	PHG C148							
	3 870	3 810	150.00	22	14	PHG C150							
	3 920	3 861	152.00	22	14	PHG C152							

Non-standard lengths are also available.

Wrapped classical belts 32/D | 38/E

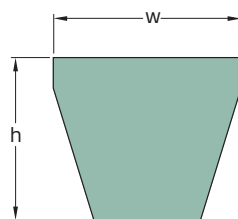


A

Section	Dimensions					Designation
	Pitch length	Inside length				
			w	h		
–	mm	in.	mm		–	
32/D	2 560	2 490	98.00	32	20	PHG D98
	2 720	2 640	104.00	32	20	PHG D104
	2 740	2 667	105.00	32	20	PHG D105
	2 870	2 795	110.00	32	20	PHG D110
	3 080	2 997	118.00	32	20	PHG D118
	3 130	3 048	120.00	32	20	PHG D120
	3 225	3 150	124.00	32	20	PHG D124
	3 330	3 251	128.00	32	20	PHG D128
	3 430	3 353	132.00	32	20	PHG D132
	3 530	3 454	136.00	32	20	PHG D136
	3 555	3 480	137.00	32	20	PHG D137
	3 640	3 555	140.00	32	20	PHG D140
	3 730	3 658	144.00	32	20	PHG D144
	3 830	3 760	148.00	32	20	PHG D148
	4 080	4 015	158.00	32	20	PHG D158
	4 190	4 115	162.00	32	20	PHG D162
	4 320	4 240	167.00	32	20	PHG D167
	4 395	4 318	170.00	32	20	PHG D170
	4 470	4 394	173.00	32	20	PHG D173
	4 580	4 496	177.00	32	20	PHG D177
	4 650	4 572	180.00	32	20	PHG D180
	4 830	4 750	187.00	32	20	PHG D187
	5 030	4 953	195.00	32	20	PHG D195
	5 080	5 004	197.00	32	20	PHG D197
	5 360	5 285	208.00	32	20	PHG D208
	5 400	5 334	210.00	32	20	PHG D210
	5 665	5 580	219.75	32	20	PHG D219.75
	5 670	5 590	220.00	32	20	PHG D220
	5 790	5 715	225.00	32	20	PHG D225
	6 070	5 995	236.00	32	20	PHG D236
	6 170	6 096	240.00	32	20	PHG D240
	6 380	6 299	248.00	32	20	PHG D248
	6 425	6 350	250.00	32	20	PHG D250
	6 560	6 477	255.00	32	20	PHG D255
	6 780	6 706	264.00	32	20	PHG D264
	6 910	6 833	269.00	32	20	PHG D269
	6 940	6 858	270.00	32	20	PHG D270
	7 190	7 110	280.00	32	20	PHG D280
	7 320	7 239	285.00	32	20	PHG D285
	7 650	7 569	298.00	32	20	PHG D298
	7 700	7 620	300.00	32	20	PHG D300
	8 085	8 001	315.00	32	20	PHG D315
	8 415	8 331	328.00	32	20	PHG D328
	8 465	8 382	330.00	32	20	PHG D330
	8 595	8 510	335.00	32	20	PHG D335
	9 080	8 995	354.00	32	20	PHG D354
	9 220	9 144	360.00	32	20	PHG D360
	9 580	9 500	374.00	32	20	PHG D374
	9 990	9 906	390.00	32	20	PHG D390
	10 085	10 008	394.00	32	20	PHG D394
	10 700	10 617	418.00	32	20	PHG D418
	12 200	12 116	477.00	32	20	PHG D477
	13 800	13 715	540.00	32	20	PHG D540
38/E	3 092	2 997	118.00	38	23	PHG E118
	4 108	4 013	158.00	38	23	PHG E158
	4 997	4 902	193.00	38	23	PHG E193
	5 048	4 953	195.00	38	23	PHG E195
	5 099	5 004	197.00	38	23	PHG E197
	5 556	5 461	215.00	38	23	PHG E215
	5 685	5 590	220.00	38	23	PHG E220
	6 089	5 994	236.00	38	23	PHG E236
	6 140	6 045	238.00	38	23	PHG E238
	6 191	6 096	240.00	38	23	PHG E240
	6 394	6 299	248.00	38	23	PHG E248
	6 674	6 579	259.00	38	23	PHG E259
	6 826	6 731	265.00	38	23	PHG E265
	6 953	6 858	270.00	38	23	PHG E270
	7 205	7 110	280.00	38	23	PHG E280
	7 588	7 493	295.00	38	23	PHG E295
	7 664	7 569	298.00	38	23	PHG E298
	7 715	7 620	300.00	38	23	PHG E300
	8 096	8 001	315.00	38	23	PHG E315
	8 426	8 331	328.00	38	23	PHG E328
	8 452	8 357	329.00	38	23	PHG E329
	8 477	8 382	330.00	38	23	PHG E330
	8 729	8 636	340.00	38	23	PHG E340
	9 085	8 990	354.00	38	23	PHG E354
	9 188	9 093	358.00	38	23	PHG E358
	9 239	9 144	360.00	38	23	PHG E360
	10 103	10 008	394.00	38	23	PHG E394
	10 712	10 617	418.00	38	23	PHG E418
	10 763	10 668	420.00	38	23	PHG E420
	11 270	11 175	440.00	38	23	PHG E440
	11 296	11 201	441.00	38	23	PHG E441
	12 008	11 913	469.00	38	23	PHG E469
	12 287	12 192	480.00	38	23	PHG E480
	12 592	12 497	492.00	38	23	PHG E492
	13 811	13 716	540.00	38	23	PHG E540

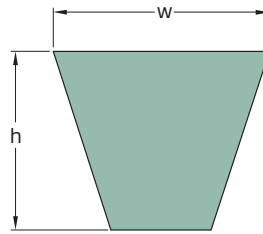
Non-standard lengths are also available.

Wrapped narrow wedge belts
3V/9N | 5V/15N | 8V/25N



Section	Dimensions				Designation	Section	Dimensions				Designation
	Outside length						Outside length				
			w	h					w	h	
—	mm.	in.	mm		—	—	mm.	in.	mm		—
3V/9N	635	25.0	9	8	PHG 3V250	5V/15N	5 080	200.0	15	13	PHG 5V2000
	673	26.5	9	8	PHG 3V265		5 385	212.0	15	13	PHG 5V2120
	711	28.0	9	8	PHG 3V280		5 690	224.0	15	13	PHG 5V2240
	762	30.0	9	8	PHG 3V300		5 994	236.0	15	13	PHG 5V2360
	800	31.5	9	8	PHG 3V315		6 350	250.0	15	13	PHG 5V2500
	851	33.5	9	8	PHG 3V335		6 731	265.0	15	13	PHG 5V2650
	902	35.5	9	8	PHG 3V355		7 112	280.0	15	13	PHG 5V2800
	953	37.5	9	8	PHG 3V375		7 620	300.0	15	13	PHG 5V3000
	1016	40.0	9	8	PHG 3V400		8 001	315.0	15	13	PHG 5V3150
	1080	42.5	9	8	PHG 3V425		8 509	335.0	15	13	PHG 5V3350
	1143	45.0	9	8	PHG 3V450	8V/25N	9 017	355.0	15	13	PHG 5V3550
	1207	47.5	9	8	PHG 3V475		2 540	100.0	25	23	PHG 8V1000
	1270	50.0	9	8	PHG 3V500		2 692	106.0	25	23	PHG 8V1060
	1346	53.0	9	8	PHG 3V530		2 845	112.0	25	23	PHG 8V1120
	1422	56.0	9	8	PHG 3V560		2 997	118.0	25	23	PHG 8V1180
	1524	60.0	9	8	PHG 3V600		3 175	125.0	25	23	PHG 8V1250
	1600	63.0	9	8	PHG 3V630		3 353	132.0	25	23	PHG 8V1320
	1702	67.0	9	8	PHG 3V670		3 556	140.0	25	23	PHG 8V1400
	1803	71.0	9	8	PHG 3V710		3 810	150.0	25	23	PHG 8V1500
	1905	75.0	9	8	PHG 3V750		4 064	160.0	25	23	PHG 8V1600
	2 032	80.0	9	8	PHG 3V800	4 318	170.0	25	23	PHG 8V1700	
	2 159	85.0	9	8	PHG 3V850	4 572	180.0	25	23	PHG 8V1800	
	2 286	90.0	9	8	PHG 3V900	4 826	190.0	25	23	PHG 8V1900	
	2 413	95.0	9	8	PHG 3V950	5 080	200.0	25	23	PHG 8V2000	
	2 540	100.0	9	8	PHG 3V1000	5 385	212.0	25	23	PHG 8V2120	
	2 692	106.0	9	8	PHG 3V1060	5 690	224.0	25	23	PHG 8V2240	
	2 845	112.0	9	8	PHG 3V1120	5 994	236.0	25	23	PHG 8V2360	
	2 997	118.0	9	8	PHG 3V1180	6 350	250.0	25	23	PHG 8V2500	
	3 175	125.0	9	8	PHG 3V1250	6 731	265.0	25	23	PHG 8V2650	
	3 353	132.0	9	8	PHG 3V1320	7 112	280.0	25	23	PHG 8V2800	
	3 556	140.0	9	8	PHG 3V1400	7 620	300.0	25	23	PHG 8V3000	
5V/15N	1 346	53.0	15	13	PHG 5V530	8 001	315.0	25	23	PHG 8V3150	
	1 422	56.0	15	13	PHG 5V560	8 509	335.0	25	23	PHG 8V3350	
	1 524	60.0	15	13	PHG 5V600	9 017	355.0	25	23	PHG 8V3550	
	1 600	63.0	15	13	PHG 5V630	9 525	375.0	25	23	PHG 8V3750	
	1 702	67.0	15	13	PHG 5V670	10 160	400.0	25	23	PHG 8V4000	
	1 803	71.0	15	13	PHG 5V710	10 795	425.0	25	23	PHG 8V4250	
	1 905	75.0	15	13	PHG 5V750	11 430	450.0	25	23	PHG 8V4500	
	2 032	80.0	15	13	PHG 5V800	12 065	475.0	25	23	PHG 8V4750	
	2 159	85.0	15	13	PHG 5V850	12 700	500.0	25	23	PHG 8V5000	
	2 286	90.0	15	13	PHG 5V900						
	2 413	95.0	15	13	PHG 5V950						
	2 540	100.0	15	13	PHG 5V1000						
	2 692	106.0	15	13	PHG 5V1060						
	2 845	112.0	15	13	PHG 5V1120						
	2 997	118.0	15	13	PHG 5V1180						
	3 175	125.0	15	13	PHG 5V1250						
	3 353	132.0	15	13	PHG 5V1320						
	3 556	140.0	15	13	PHG 5V1400						
	3 810	150.0	15	13	PHG 5V1500						
	4 064	160.0	15	13	PHG 5V1600						
	4 318	170.0	15	13	PHG 5V1700						
	4 572	180.0	15	13	PHG 5V1800						
	4 826	190.0	15	13	PHG 5V1900						

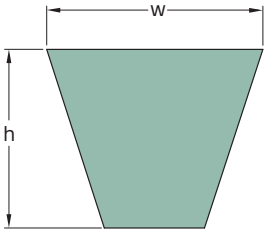
Non-standard lengths are also available.



Section	Dimensions			Designation
	Pitch length	w	h	
–	mm	–	–	–
XPZ	630	9.7	8	PHG XPZ630EP
	637	9.7	8	PHG XPZ637EP
	662	9.7	8	PHG XPZ662EP
	670	9.7	8	PHG XPZ670EP
	687	9.7	8	PHG XPZ687EP
	710	9.7	8	PHG XPZ710EP
	737	9.7	8	PHG XPZ737EP
	750	9.7	8	PHG XPZ750EP
	760	9.7	8	PHG XPZ760EP
	762	9.7	8	PHG XPZ762EP
	772	9.7	8	PHG XPZ772EP
	787	9.7	8	PHG XPZ787EP
	800	9.7	8	PHG XPZ800EP
	812	9.7	8	PHG XPZ812EP
	837	9.7	8	PHG XPZ837EP
	850	9.7	8	PHG XPZ850EP
	862	9.7	8	PHG XPZ862EP
	875	9.7	8	PHG XPZ875EP
	887	9.7	8	PHG XPZ887EP
	900	9.7	8	PHG XPZ900EP
	912	9.7	8	PHG XPZ912EP
	925	9.7	8	PHG XPZ925EP
	937	9.7	8	PHG XPZ937EP
	950	9.7	8	PHG XPZ950EP
	962	9.7	8	PHG XPZ962EP
	987	9.7	8	PHG XPZ987EP
	1000	9.7	8	PHG XPZ1000EP
	1010	9.7	8	PHG XPZ1010EP
	1012	9.7	8	PHG XPZ1012EP
	1037	9.7	8	PHG XPZ1037EP
	1060	9.7	8	PHG XPZ1060EP
	1077	9.7	8	PHG XPZ1077EP
	1080	9.7	8	PHG XPZ1080EP
	1087	9.7	8	PHG XPZ1087EP
	1112	9.7	8	PHG XPZ1112EP
	1120	9.7	8	PHG XPZ1120EP
	1137	9.7	8	PHG XPZ1137EP
	1140	9.7	8	PHG XPZ1140EP
	1162	9.7	8	PHG XPZ1162EP
	1180	9.7	8	PHG XPZ1180EP
	1187	9.7	8	PHG XPZ1187EP
	1200	9.7	8	PHG XPZ1200EP
	1202	9.7	8	PHG XPZ1202EP
	1212	9.7	8	PHG XPZ1212EP
	1237	9.7	8	PHG XPZ1237EP
	1250	9.7	8	PHG XPZ1250EP
	1262	9.7	8	PHG XPZ1262EP
	1270	9.7	8	PHG XPZ1270EP
	1287	9.7	8	PHG XPZ1287EP
	1312	9.7	8	PHG XPZ1312EP
	1320	9.7	8	PHG XPZ1320EP
	1337	9.7	8	PHG XPZ1337EP
	1340	9.7	8	PHG XPZ1340EP
	1362	9.7	8	PHG XPZ1362EP
	1400	9.7	8	PHG XPZ1400EP
XPZ	1412	9.7	8	PHG XPZ1412EP
	1420	9.7	8	PHG XPZ1420EP
	1487	9.7	8	PHG XPZ1487EP
	1500	9.7	8	PHG XPZ1500EP
	1512	9.7	8	PHG XPZ1512EP
	1520	9.7	8	PHG XPZ1520EP
	1537	9.7	8	PHG XPZ1537EP
	1587	9.7	8	PHG XPZ1587EP
	1600	9.7	8	PHG XPZ1600EP
	1700	9.7	8	PHG XPZ1700EP
	1800	9.7	8	PHG XPZ1800EP
	1850	9.7	8	PHG XPZ1850EP
	1900	9.7	8	PHG XPZ1900EP
	2000	9.7	8	PHG XPZ2000EP
	2030	9.7	8	PHG XPZ2030EP
	2120	9.7	8	PHG XPZ2120EP
	2240	9.7	8	PHG XPZ2240EP
	2280	9.7	8	PHG XPZ2280EP
	2360	9.7	8	PHG XPZ2360EP
	2410	9.7	8	PHG XPZ2410EP
	2500	9.7	8	PHG XPZ2500EP
	2540	9.7	8	PHG XPZ2540EP
	2650	9.7	8	PHG XPZ2650EP
	2800	9.7	8	PHG XPZ2800EP
	3000	9.7	8	PHG XPZ3000EP
	3150	9.7	8	PHG XPZ3150EP
	3350	9.7	8	PHG XPZ3350EP
	3550	9.7	8	PHG XPZ3550EP
XPA	757	12.7	10	PHG XPA757EP
	782	12.7	10	PHG XPA782EP
	800	12.7	10	PHG XPA800EP
	832	12.7	10	PHG XPA832EP
	850	12.7	10	PHG XPA850EP
	857	12.7	10	PHG XPA857EP
	882	12.7	10	PHG XPA882EP
	900	12.7	10	PHG XPA900EP
	907	12.7	10	PHG XPA907EP
	932	12.7	10	PHG XPA932EP
	950	12.7	10	PHG XPA950EP
	957	12.7	10	PHG XPA957EP
	982	12.7	10	PHG XPA982EP
	1000	12.7	10	PHG XPA1000EP
	1007	12.7	10	PHG XPA1007EP
	1030	12.7	10	PHG XPA1030EP
	1060	12.7	10	PHG XPA1060EP
	1082	12.7	10	PHG XPA1082EP
	1107	12.7	10	PHG XPA1107EP
	1120	12.7	10	PHG XPA1120EP
	1157	12.7	10	PHG XPA1157EP
	1180	12.7	10	PHG XPA1180EP
	1207	12.7	10	PHG XPA1207EP
	1232	12.7	10	PHG XPA1232EP
	1250	12.7	10	PHG XPA1250EP
	1257	12.7	10	PHG XPA1257EP
XPA	1282	12.7	10	PHG XPA1282EP
	1307	12.7	10	PHG XPA1307EP
	1320	12.7	10	PHG XPA1320EP
	1332	12.7	10	PHG XPA1332EP
	1357	12.7	10	PHG XPA1357EP
	1400	12.7	10	PHG XPA1400EP
	1482	12.7	10	PHG XPA1482EP
	1500	12.7	10	PHG XPA1500EP
	1507	12.7	10	PHG XPA1507EP
	1532	12.7	10	PHG XPA1532EP
	1582	12.7	10	PHG XPA1582EP
	1600	12.7	10	PHG XPA1600EP
	1700	12.7	10	PHG XPA1700EP
	1800	12.7	10	PHG XPA1800EP
	1900	12.7	10	PHG XPA1900EP
	2000	12.7	10	PHG XPA2000EP
	2120	12.7	10	PHG XPA2120EP
	2240	12.7	10	PHG XPA2240EP
	2360	12.7	10	PHG XPA2360EP
	2500	12.7	10	PHG XPA2500EP
	2650	12.7	10	PHG XPA2650EP
	2800	12.7	10	PHG XPA2800EP
	3000	12.7	10	PHG XPA3000EP
	3150	12.7	10	PHG XPA3150EP
	3350	12.7	10	PHG XPA3350EP
	3550	12.7	10	PHG XPA3550EP
XPB	1250	16.3	13	PHG XPB1250EP
	1260	16.3	13	PHG XPB1260EP
	1320	16.3	13	PHG XPB1320EP
	1340	16.3	13	PHG XPB1340EP
	1400	16.3	13	PHG XPB1400EP
	1410	16.3	13	PHG XPB1410EP
	1500	16.3	13	PHG XPB1500EP
	1590	16.3	13	PHG XPB1590EP
	1600	16.3	13	PHG XPB1600EP
	1690	16.3	13	PHG XPB1690EP
	1700	16.3	13	PHG XPB1700EP
	1800	16.3	13	PHG XPB1800EP
	1900	16.3	13	PHG XPB1900EP
	2000	16.3	13	PHG XPB2000EP
	2020	16.3	13	PHG XPB2020EP
	2120	16.3	13	PHG XPB2120EP
	2150	16.3	13	PHG XPB2150EP
	2240	16.3	13	PHG XPB2240EP
	2280	16.3	13	PHG XPB2280EP
	2360	16.3	13	PHG XPB2360EP
	2500	16.3	13	PHG XPB2500EP
	2530	16.3	13	PHG XPB2530EP
	2650	16.3	13	PHG XPB2650EP
	2680	16.3	13	PHG XPB2680EP
	2800	16.3	13	PHG XPB2800EP
	3000	16.3	13	PHG XPB3000EP
	3150	16.3	13	PHG XPB3150EP
	3350	16.3	13	PHG XPB3350EP

Non-standard lengths are also available.

EPDM Cogged raw edge wedge belts
 XPB | XPC



Section	Dimensions		Designation	
	Pitch length			
		w	h	
—		mm		—
XPB	3 550	16.3	13	PHG XPB3550EP
XPC	2 000	22.0	18	PHG XPC2000EP
	2 120	22.0	18	PHG XPC2120EP
	2 240	22.0	18	PHG XPC2240EP
	2 360	22.0	18	PHG XPC2360EP
	2 500	22.0	18	PHG XPC2500EP
	2 650	22.0	18	PHG XPC2650EP
	2 800	22.0	18	PHG XPC2800EP
	3 000	22.0	18	PHG XPC3000EP
	3 150	22.0	18	PHG XPC3150EP
	3 350	22.0	18	PHG XPC3350EP
	3 550	22.0	18	PHG XPC3550EP

Non-standard lengths are also available.

Equivalent / interchange for ISO and RMA narrow wedge V-belts

Section ISO	Dimensions Pitch length			Designation ISO	Section ISO	Dimensions Pitch length			Designation ISO		
		w	h				w	h			
–		mm		–	–		mm		–		
SPZ	630	9.7	8	PHG SPZ630	3V/9N	25.0	9	8	PHG 3V250		
	670	9.7	8	PHG SPZ670		26.5	9	8	PHG 3V265		
	710	9.7	8	PHG SPZ710		28.0	9	8	PHG 3V280		
	760	9.7	8	PHG SPZ760		30.0	9	8	PHG 3V300		
	800	9.7	8	PHG SPZ800		31.5	9	8	PHG 3V315		
	900	9.7	8	PHG SPZ900		33.5	9	8	PHG 3V355		
	937 ¹⁾	9.7	8	PHG SPZ937		37.0	9	8	PHG 3V370		
	1 010	9.7	8	PHG SPZ1010		40.0	9	8	PHG 3V400		
	1 080	9.7	8	PHG SPZ1080		42.5	9	8	PHG 3V425		
	1 137 ¹⁾	9.7	8	PHG SPZ1137		45.0	9	8	PHG 3V450		
	1 200	9.7	8	PHG SPZ1200		47.5	9	8	PHG 3V475		
	1 270	9.7	8	PHG SPZ1270		50.0	9	8	PHG 3V500		
	1 340	9.7	8	PHG SPZ1340		53.0	9	8	PHG 3V530		
	1 420	9.7	8	PHG SPZ1420		56.0	9	8	PHG 3V560		
	1 470 ¹⁾	9.7	8	PHG SPZ1470		58.0	9	8	PHG 3V580		
	1 520	9.7	8	PHG SPZ1520		60.0	9	8	PHG 3V600		
	1 562 ¹⁾	9.7	8	PHG SPZ1562		61.7	9	8	PHG 3V617		
	1 600	9.7	8	PHG SPZ1600		63.0	9	8	PHG 3V630		
	1 650	9.7	8	PHG SPZ1650		65.0	9	8	PHG 3V650		
	1 700	9.7	8	PHG SPZ1700		67.0	9	8	PHG 3V670		
	1 800	9.7	8	PHG SPZ1800		71.0	9	8	PHG 3V710		
	1 850	9.7	8	PHG SPZ1850		73.0	9	8	PHG 3V730		
	1 900	9.7	8	PHG SPZ1900		75.0	9	8	PHG 3V750		
	2 037 ¹⁾	9.7	8	PHG SPZ2037		80.0	9	8	PHG 3V800		
	2 160	9.7	8	PHG SPZ2160		85.0	9	8	PHG 3V850		
	2 280	9.7	8	PHG SPZ2280		90.0	9	8	PHG 3V900		
	2 410	9.7	8	PHG SPZ2410		95.0	9	8	PHG 3V950		
	2 540	9.7	8	PHG SPZ2540		100.0	9	8	PHG 3V1000		
	2 690	9.7	8	PHG SPZ2690		106.0	9	8	PHG 3V1060		
	2 840	9.7	8	PHG SPZ2840		112.0	9	8	PHG 3V1120		
	3 000	9.7	8	PHG SPZ3000		118.0	9	8	PHG 3V1180		
	3 170	9.7	8	PHG SPZ3170		125.0	9	8	PHG 3V1250		
	3 550	9.7	8	PHG SPZ3550		140.0	9	8	PHG 3V1400		
	SPB	1 260	16.3	13		PHG SPB1260	5V/15N	50.0	15	13	PHG 5V500
		1 340	16.3	13		PHG SPB1340		53.0	15	13	PHG 5V530
		1 410	16.3	13		PHG SPB1410		56.0	15	13	PHG 5V560
		1 600	16.3	13		PHG SPB1600		63.0	15	13	PHG 5V630
		1 800	16.3	13		PHG SPB1800		71.0	15	13	PHG 5V710
		2 020	16.3	13		PHG SPB2020		80.0	15	13	PHG 5V800
		2 150	16.3	13		PHG SPB2150		85.0	15	13	PHG 5V850
		2 280	16.3	13		PHG SPB2280		90.0	15	13	PHG 5V900
		2 410	16.3	13		PHG SPB2410		95.0	15	13	PHG 5V950
		2 530	16.3	13		PHG SPB2530		100.0	15	13	PHG 5V1000
		2 680	16.3	13		PHG SPB2680		106.0	15	13	PHG 5V1060
2 840		16.3	13	PHG SPB2840	112.0	15		13	PHG 5V1120		
3 000		16.3	13	PHG SPB3000	118.0	15		13	PHG 5V1180		
3 170 ²⁾		16.3	13	PHG SPB3170	125.0	15		13	PHG 5V1250		
3 350		16.3	13	PHG SPB3350	132.0	15		13	PHG 5V1320		
3 550		16.3	13	PHG SPB3550	140.0	15		13	PHG 5V1400		
3 800		16.3	13	PHG SPB3800	150.0	15		13	PHG 5V1500		
4 060		16.3	13	PHG SPB4060	160.0	15		13	PHG 5V1600		
4 310		16.3	13	PHG SPB4310	170.0	15		13	PHG 5V1700		
4 560		16.3	13	PHG SPB4560	180.0	15		13	PHG 5V1800		
4 820		16.3	13	PHG SPB4820	190.0	15		13	PHG 5V1900		
5 070		16.3	13	PHG SPB5070	200.0	15		13	PHG 5V2000		
5 380		16.3	13	PHG SPB5380	212.0	15		13	PHG 5V2120		
5 680		16.3	13	PHG SPB5680	224.0	15		13	PHG 5V2240		
6 000		16.3	13	PHG SPB6000	236.0	15		13	PHG 5V2360		
6 340		16.3	13	PHG SPB6340	250.0	15		13	PHG 5V2500		
7 100		16.3	13	PHG SPB7100	280.0	15		13	PHG 5V2800		
8 000		16.3	13	PHG SPB8000	315.0	15		13	PHG 5V3150		

¹⁾ Belts have a slight variation in pitch length.

²⁾ 3170 (Lp) – Check availability

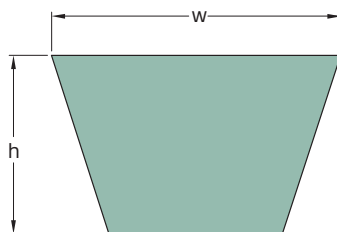
Raw edge belts

Belts up to and including 3 500 mm (Lp) may also be available in RAW EDGE COG construction. Designations are PHG XPB*** and PHG 5VX*** respectively.

Banded belts (SPZ/XPZ/3V/3VX and SPB/XPB/5V/5VX)

As the transverse pitch (between pulley grooves) of the ISO and RMA standards varies, a check should be made of both pulleys before selecting, interchanging or using banded belts. Both pulleys must have the same transverse pitch dimension.

EPDM Cogged raw edge classical belts
X10/ZX | X13/AX



Section	Dimensions					Designation
	Pitch length	Inside length				
			w	h		
–	mm	in.	mm		–	
X10/ZX	600	584	23.00	10	6	PHG ZX23EP
	620	610	24.00	10	6	PHG ZX24EP
	650	635	25.00	10	6	PHG ZX25EP
	680	660	26.00	10	6	PHG ZX26EP
	700	686	27.00	10	6	PHG ZX27EP
	725	711	28.00	10	6	PHG ZX28EP
	750	737	29.00	10	6	PHG ZX29EP
	780	762	30.00	10	6	PHG ZX30EP
	800	787	31.00	10	6	PHG ZX31EP
	840	813	32.00	10	6	PHG ZX32EP
	850	838	33.00	10	6	PHG ZX33EP
	875	864	34.00	10	6	PHG ZX34EP
	900	889	35.00	10	6	PHG ZX35EP
	930	914	36.00	10	6	PHG ZX36EP
	950	940	37.00	10	6	PHG ZX37EP
	980	965	38.00	10	6	PHG ZX38EP
	1035	1016	40.00	10	6	PHG ZX40EP
	1055	1041	41.00	10	6	PHG ZX41EP
	1080	1067	42.00	10	6	PHG ZX42EP
	1105	1092	43.00	10	6	PHG ZX43EP
	1130	1118	44.00	10	6	PHG ZX44EP
	1155	1143	45.00	10	6	PHG ZX45EP
	1290	1270	50.00	10	6	PHG ZX50EP
	1340	1321	52.00	10	6	PHG ZX52EP
	1380	1346	53.00	10	6	PHG ZX53EP
	1390	1372	54.00	10	6	PHG ZX54EP
	1420	1397	55.00	10	6	PHG ZX55EP
	1465	1448	57.00	10	6	PHG ZX57EP
	1515	1499	59.00	10	6	PHG ZX59EP
	1570	1549	61.00	10	6	PHG ZX61EP
	1620	1600	63.00	10	6	PHG ZX63EP
	1670	1651	65.00	10	6	PHG ZX65EP
	1695	1676	66.00	10	6	PHG ZX66EP
	1720	1702	67.00	10	6	PHG ZX67EP
	1750	1727	68.00	10	6	PHG ZX68EP
	1770	1753	69.00	10	6	PHG ZX69EP
	1820	1803	71.00	10	6	PHG ZX71EP
	2000	1981	78.00	10	6	PHG ZX78EP
X13/AX	570	533	21.00	13	8	PHG AX21EP
	590	559	22.00	13	8	PHG AX22EP
	620	584	23.00	13	8	PHG AX23EP
	640	610	24.00	13	8	PHG AX24EP
	670	635	25.00	13	8	PHG AX25EP
	700	660	26.00	13	8	PHG AX26EP
	720	686	27.00	13	8	PHG AX27EP
	740	711	28.00	13	8	PHG AX28EP
	770	737	29.00	13	8	PHG AX29EP
	790	762	30.00	13	8	PHG AX30EP
	820	787	31.00	13	8	PHG AX31EP
	850	813	32.00	13	8	PHG AX32EP
	870	838	33.00	13	8	PHG AX33EP
	890	864	34.00	13	8	PHG AX34EP
	920	889	35.00	13	8	PHG AX35EP
	950	914	36.00	13	8	PHG AX36EP

Section	Dimensions					Designation
	Pitch length	Inside length				
			w	h		
–	mm	in.	mm		–	
X13/AX	970	940	37.00	13	8	PHG AX37EP
	990	965	38.00	13	8	PHG AX38EP
	1020	991	39.00	13	8	PHG AX39EP
	1050	1016	40.00	13	8	PHG AX40EP
	1070	1041	41.00	13	8	PHG AX41EP
	1100	1067	42.00	13	8	PHG AX42EP
	1130	1092	43.00	13	8	PHG AX43EP
	1150	1118	44.00	13	8	PHG AX44EP
	1180	1143	45.00	13	8	PHG AX45EP
	1200	1168	46.00	13	8	PHG AX46EP
	1230	1194	47.00	13	8	PHG AX47EP
	1250	1219	48.00	13	8	PHG AX48EP
	1280	1245	49.00	13	8	PHG AX49EP
	1300	1270	50.00	13	8	PHG AX50EP
	1330	1295	51.00	13	8	PHG AX51EP
	1360	1321	52.00	13	8	PHG AX52EP
	1380	1346	53.00	13	8	PHG AX53EP
	1410	1372	54.00	13	8	PHG AX54EP
	1430	1397	55.00	13	8	PHG AX55EP
	1460	1422	56.00	13	8	PHG AX56EP
	1480	1448	57.00	13	8	PHG AX57EP
	1510	1473	58.00	13	8	PHG AX58EP
	1530	1499	59.00	13	8	PHG AX59EP
	1550	1524	60.00	13	8	PHG AX60EP
	1580	1549	61.00	13	8	PHG AX61EP
	1610	1575	62.00	13	8	PHG AX62EP
	1640	1600	63.00	13	8	PHG AX63EP
	1660	1626	64.00	13	8	PHG AX64EP
	1690	1651	65.00	13	8	PHG AX65EP
	1710	1676	66.00	13	8	PHG AX66EP
	1740	1702	67.00	13	8	PHG AX67EP
	1760	1727	68.00	13	8	PHG AX68EP
	1790	1753	69.00	13	8	PHG AX69EP
	1810	1778	70.00	13	8	PHG AX70EP
	1840	1803	71.00	13	8	PHG AX71EP
	1860	1829	72.00	13	8	EPHGH AX72EP
	1890	1854	73.00	13	8	PHG AX73EP
	1920	1880	74.00	13	8	PHG AX74EP
	1940	1905	75.00	13	8	PHG AX75EP
	1960	1930	76.00	13	8	PHG AX76EP
	1990	1956	77.00	13	8	PHG AX77EP
	2020	1981	78.00	13	8	PHG AX78EP
	2050	2007	79.00	13	8	PHG AX79EP
	2070	2032	80.00	13	8	PHG AX80EP
	2090	2057	81.00	13	8	PHG AX81EP
	2120	2083	82.00	13	8	PHG AX82EP
	2140	2108	83.00	13	8	PHG AX83EP
	2170	2134	84.00	13	8	PHG AX84EP
	2200	2159	85.00	13	8	PHG AX85EP
	2220	2184	86.00	13	8	PHG AX86EP
	2240	2210	87.00	13	8	PHG AX87EP
	2270	2235	88.00	13	8	PHG AX88EP
	2300	2261	89.00	13	8	PHG AX89EP
	2320	2286	90.00	13	8	PHG AX90EP
	2350	2311	91.00	13	8	PHG AX91EP

Non-standard lengths are also available.

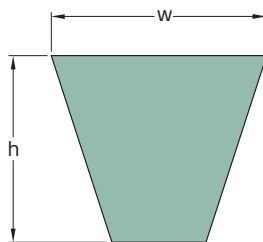
EDPM Cogged raw edge classical belts

X13/AX | X17/BX | X22/CX

Section	Dimensions					Designation		Dimensions					Designation
	Pitch length	Inside length						Pitch length	Inside length				
			w		h					w		h	
–	mm	in.	mm			–		mm	in.	mm			–
X13/AX	2 400	2 362	93.00	13	8	PHG AX93EP							
	2 420	2 388	94.00	13	8	PHG AX94EP							
	2 450	2 413	95.00	13	8	PHG AX95EP							
	2 480	2 438	96.00	13	8	PHG AX96EP							
	2 500	2 464	97.00	13	8	PHG AX97EP							
	2 520	2 489	98.00	13	8	PHG AX98EP							
	2 570	2 540	100.00	13	8	PHG AX100EP							
	2 650	2 616	103.00	13	8	PHG AX103EP							
	2 680	2 642	104.00	13	8	PHG AX104EP							
	2 700	2 667	105.00	13	8	PHG AX105EP							
	2 830	2 794	110.00	13	8	PHG AX110EP							
	2 880	2 845	112.00	13	8	PHG AX112EP							
	3 030	2 997	118.00	13	8	PHG AX118EP							
	3 190	3 150	124.00	13	8	PHG AX124EP							
	3 390	3 353	132.00	13	8	PHG AX132EP							
X17/BX	624	584	23.00	17	11	PHG BX23EP							
	675	635	25.00	17	11	PHG BX25EP							
	700	660	26.00	17	11	PHG BX26EP							
	750	711	28.00	17	11	PHG BX28EP							
	770	737	29.00	17	11	PHG BX29EP							
	800	762	30.00	17	11	PHG BX30EP							
	830	787	31.00	17	11	PHG BX31EP							
	860	813	32.00	17	11	PHG BX32EP							
	880	838	33.00	17	11	PHG BX33EP							
	910	864	34.00	17	11	PHG BX34EP							
	930	889	35.00	17	11	PHG BX35EP							
	960	914	36.00	17	11	PHG BX36EP							
	980	940	37.00	17	11	PHG BX37EP							
	1000	965	38.00	17	11	PHG BX38EP							
	1030	991	39.00	17	11	PHG BX39EP							
	1060	1016	40.00	17	11	PHG BX40EP							
	1080	1041	41.00	17	11	PHG BX41EP							
X22/CX	1100	1067	42.00	17	11	PHG BX42EP							
	1130	1092	43.00	17	11	PHG BX43EP							
	1160	1118	44.00	17	11	PHG BX44EP							
	1180	1143	45.00	17	11	PHG BX45EP							
	1210	1168	46.00	17	11	PHG BX46EP							
	1240	1194	47.00	17	11	PHG BX47EP							
	1260	1219	48.00	17	11	PHG BX48EP							
	1290	1245	49.00	17	11	PHG BX49EP							
	1310	1270	50.00	17	11	PHG BX50EP							
	1340	1295	51.00	17	11	PHG BX51EP							
	1370	1321	52.00	17	11	PHG BX52EP							
	1390	1346	53.00	17	11	PHG BX53EP							
	1410	1372	54.00	17	11	PHG BX54EP							
	1440	1397	55.00	17	11	PHG BX55EP							
	1460	1422	56.00	17	11	PHG BX56EP							
	1490	1448	57.00	17	11	PHG BX57EP							
	1510	1473	58.00	17	11	PHG BX58EP							
	1540	1499	59.00	17	11	PHG BX59EP							
	1560	1524	60.00	17	11	PHG BX60EP							
	1590	1549	61.00	17	11	PHG BX61EP							
	1620	1575	62.00	17	11	PHG BX62EP							
	1640	1600	63.00	17	11	PHG BX63EP							
	1670	1626	64.00	17	11	PHG BX64EP							
	1690	1651	65.00	17	11	PHG BX65EP							
	1720	1676	66.00	17	11	PHG BX66EP							
	1740	1702	67.00	17	11	PHG BX67EP							
	1760	1727	68.00	17	11	PHG BX68EP							
	1800	1753	69.00	17	11	PHG BX69EP							
	1820	1778	70.00	17	11	PHG BX70EP							
	1850	1803	71.00	17	11	PHG BX71EP							
	1870	1829	72.00	17	11	PHG BX72EP							
	1900	1854	73.00	17	11	PHG BX73EP							
	1920	1880	74.00	17	11	PHG BX74EP							
	1950	1905	75.00	17	11	PHG BX75EP							
	1970	1930	76.00	17	11	PHG BX76EP							
	2000	1956	77.00	17	11	PHG BX77EP							
	2020	1981	78.00	17	11	PHG BX78EP							
	2050	2007	79.00	17	11	PHG BX79EP							
	2070	2032	80.00	17	11	PHG BX80EP							
	2100	2057	81.00	17	11	PHG BX81EP							
	2130	2083	82.00	17	11	PHG BX82EP							
	2150	2108	83.00	17	11	PHG BX83EP							
	2180	2134	84.00	17	11	PHG BX84EP							

Non-standard lengths are also available.

EPDM Cogged raw edge narrow wedge belts
3VX/9NX | 5VX/15NX

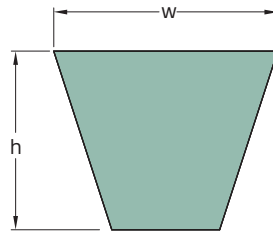


Section	Dimensions				Designation
	Pitch length	Inside length	w	h	
–	mm		mm		–
3VX/9NX	635	25.0	9	8	PHG 3VX250EP
	673	26.5	9	8	PHG 3VX265EP
	711	28.0	9	8	PHG 3VX280EP
	762	30.0	9	8	PHG 3VX300EP
	800	31.5	9	8	PHG 3VX315EP
	851	33.5	9	8	PHG 3VX335EP
	902	35.5	9	8	PHG 3VX355EP
	953	37.5	9	8	PHG 3VX375EP
	1016	40.0	9	8	PHG 3VX400EP
	1080	42.5	9	8	PHG 3VX425EP
	1143	45.0	9	8	PHG 3VX450EP
	1207	47.5	9	8	PHG 3VX475EP
	1270	50.0	9	8	PHG 3VX500EP
	1346	53.0	9	8	PHG 3VX530EP
	1422	56.0	9	8	PHG 3VX560EP
	1524	60.0	9	8	PHG 3VX600EP
	1600	63.0	9	8	PHG 3VX630EP
	1702	67.0	9	8	PHG 3VX670EP
	1803	71.0	9	8	PHG 3VX710EP
	1905	75.0	9	8	PHG 3VX750EP
	2032	80.0	9	8	PHG 3VX800EP
	2159	85.0	9	8	PHG 3VX850EP
	2286	90.0	9	8	PHG 3VX900EP
	2413	95.0	9	8	PHG 3VX950EP
	2540	100.0	9	8	PHG 3VX1000EP
	2692	106.0	9	8	PHG 3VX1060EP
	2845	112.0	9	8	PHG 3VX1120EP
	2997	118.0	9	8	PHG 3VX1180EP
	3175	125.0	9	8	PHG 3VX1250EP
	3353	132.0	9	8	PHG 3VX1320EP
	3556	140.0	9	8	PHG 3VX1400EP
	3810	150.0	9	8	PHG 3VX1500EP
5VX/15NX	1270	50.0	15	13	PHG 5VX500EP
	1346	53.0	15	13	PHG 5VX530EP
	1422	56.0	15	13	PHG 5VX560EP
	1524	60.0	15	13	PHG 5VX600EP
	1600	63.0	15	13	PHG 5VX630EP
	1702	67.0	15	13	PHG 5VX670EP
	1803	71.0	15	13	PHG 5VX710EP
	1905	75.0	15	13	PHG 5VX750EP
	2032	80.0	15	13	PHG 5VX800EP
	2159	85.0	15	13	PHG 5VX850EP
	2286	90.0	15	13	PHG 5VX900EP
	2413	95.0	15	13	PHG 5VX950EP
	2540	100.0	15	13	PHG 5VX1000EP
	2692	106.0	15	13	PHG 5VX1060EP
	2845	112.0	15	13	PHG 5VX1120EP
	2997	118.0	15	13	PHG 5VX1180EP
	3175	125.0	15	13	PHG 5VX1250EP
	3353	132.0	15	13	PHG 5VX1320EP
	3556	140.0	15	13	PHG 5VX1400EP
	3810	150.0	15	13	PHG 5VX1500EP

Section	Dimensions				Designation
	Pitch length	Inside length	w	h	
–	mm		mm		–
5VX/15NX	4 064	160.0	15	13	PHG 5VX1600EP
	4 318	170.0	15	13	PHG 5VX1700EP
	4 572	180.0	15	13	PHG 5VX1800EP
	4 826	190.0	15	13	PHG 5VX1900EP
	5 080	200.0	15	13	PHG 5VX2000EP

Non-standard lengths are also available.

XP2 Wrapped wedge belts
SPZ XP | SPA XP | SPB XP



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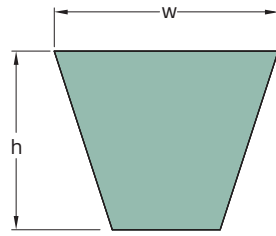
Section	Dimensions			Designation
	Pitch length	w	h	
–	mm	–	–	–
SPZ XP	875	9.7	8	PHG SPZ875XP2
	1202	9.7	8	PHG SPZ1202XP2
	1212	9.7	8	PHG SPZ1212XP2
	1237	9.7	8	PHG SPZ1237XP2
	1250	9.7	8	PHG SPZ1250XP2
	1262	9.7	8	PHG SPZ1262XP2
	1287	9.7	8	PHG SPZ1287XP2
	1312	9.7	8	PHG SPZ1312XP2
	1320	9.7	8	PHG SPZ1320XP2
	1337	9.7	8	PHG SPZ1337XP2
	1362	9.7	8	PHG SPZ1362XP2
	1387	9.7	8	PHG SPZ1387XP2
	1400	9.7	8	PHG SPZ1400XP2
	1412	9.7	8	PHG SPZ1412XP2
	1437	9.7	8	PHG SPZ1437XP2
	1462	9.7	8	PHG SPZ1462XP2
	1487	9.7	8	PHG SPZ1487XP2
	1500	9.7	8	PHG SPZ1500XP2
	1512	9.7	8	PHG SPZ1512XP2
	1537	9.7	8	PHG SPZ1537XP2
	1562	9.7	8	PHG SPZ1562XP2
	1587	9.7	8	PHG SPZ1587XP2
	1600	9.7	8	PHG SPZ1600XP2
	1612	9.7	8	PHG SPZ1612XP2
	1637	9.7	8	PHG SPZ1637XP2
	1650	9.7	8	PHG SPZ1650XP2
	1662	9.7	8	PHG SPZ1662XP2
	1687	9.7	8	PHG SPZ1687XP2
	1700	9.7	8	PHG SPZ1700XP2
	1737	9.7	8	PHG SPZ1737XP2
	1762	9.7	8	PHG SPZ1762XP2
	1787	9.7	8	PHG SPZ1787XP2
	1800	9.7	8	PHG SPZ1800XP2
	1837	9.7	8	PHG SPZ1837XP2
	1862	9.7	8	PHG SPZ1862XP2
	1887	9.7	8	PHG SPZ1887XP2
	1900	9.7	8	PHG SPZ1900XP2
	1937	9.7	8	PHG SPZ1937XP2
	1987	9.7	8	PHG SPZ1987XP2
	2000	9.7	8	PHG SPZ2000XP2
	2037	9.7	8	PHG SPZ2037XP2
	2120	9.7	8	PHG SPZ2120XP2
	2137	9.7	8	PHG SPZ2137XP2
	2187	9.7	8	PHG SPZ2187XP2
	2240	9.7	8	PHG SPZ2240XP2
	2287	9.7	8	PHG SPZ2287XP2
	2360	9.7	8	PHG SPZ2360XP2
	2500	9.7	8	PHG SPZ2500XP2
	2650	9.7	8	PHG SPZ2650XP2
	2800	9.7	8	PHG SPZ2800XP2
	3000	9.7	8	PHG SPZ3000XP2
	3150	9.7	8	PHG SPZ3150XP2
	3350	9.7	8	PHG SPZ3350XP2
	3550	9.7	8	PHG SPZ3550XP2

Section	Dimensions			Designation
	Pitch length	w	h	
–	mm	–	–	–
SPA XP	1207	12.7	10	PHG SPA1207XP2
	1232	12.7	10	PHG SPA1232XP2
	1250	12.7	10	PHG SPA1250XP2
	1257	12.7	10	PHG SPA1257XP2
	1282	12.7	10	PHG SPA1282XP2
	1307	12.7	10	PHG SPA1307XP2
	1320	12.7	10	PHG SPA1320XP2
	1332	12.7	10	PHG SPA1332XP2
	1357	12.7	10	PHG SPA1357XP2
	1382	12.7	10	PHG SPA1382XP2
	1400	12.7	10	PHG SPA1400XP2
	1407	12.7	10	PHG SPA1407XP2
	1432	12.7	10	PHG SPA1432XP2
	1457	12.7	10	PHG SPA1457XP2
	1482	12.7	10	PHG SPA1482XP2
	1500	12.7	10	PHG SPA1500XP2
	1507	12.7	10	PHG SPA1507XP2
	1532	12.7	10	PHG SPA1532XP2
	1557	12.7	10	PHG SPA1557XP2
	1582	12.7	10	PHG SPA1582XP2
	1600	12.7	10	PHG SPA1600XP2
	1607	12.7	10	PHG SPA1607XP2
	1632	12.7	10	PHG SPA1632XP2
	1657	12.7	10	PHG SPA1657XP2
	1682	12.7	10	PHG SPA1682XP2
	1700	12.7	10	PHG SPA1700XP2
	1707	12.7	10	PHG SPA1707XP2
	1732	12.7	10	PHG SPA1732XP2
	1757	12.7	10	PHG SPA1757XP2
	1782	12.7	10	PHG SPA1782XP2
	1800	12.7	10	PHG SPA1800XP2
	1807	12.7	10	PHG SPA1807XP2
	1832	12.7	10	PHG SPA1832XP2
	1857	12.7	10	PHG SPA1857XP2
	1882	12.7	10	PHG SPA1882XP2
	1900	12.7	10	PHG SPA1900XP2
	1907	12.7	10	PHG SPA1907XP2
	1932	12.7	10	PHG SPA1932XP2
	1957	12.7	10	PHG SPA1957XP2
	1982	12.7	10	PHG SPA1982XP2
	2000	12.7	10	PHG SPA2000XP2
	2032	12.7	10	PHG SPA2032XP2
	2057	12.7	10	PHG SPA2057XP2
	2082	12.7	10	PHG SPA2082XP2
	2120	12.7	10	PHG SPA2120XP2
	2132	12.7	10	PHG SPA2132XP2
	2182	12.7	10	PHG SPA2182XP2
	2207	12.7	10	PHG SPA2207XP2
	2232	12.7	10	PHG SPA2232XP2
	2240	12.7	10	PHG SPA2240XP2
	2282	12.7	10	PHG SPA2282XP2
	2300	12.7	10	PHG SPA2300XP2
	2307	12.7	10	PHG SPA2307XP2
	2332	12.7	10	PHG SPA2332XP2
	2360	12.7	10	PHG SPA2360XP2

Section	Dimensions			Designation
	Pitch length	w	h	
–	mm	–	–	–
SPA XP	2382	12.7	10	PHG SPA2382XP2
	2432	12.7	10	PHG SPA2432XP2
	2482	12.7	10	PHG SPA2482XP2
	2500	12.7	10	PHG SPA2500XP2
	2532	12.7	10	PHG SPA2532XP2
	2582	12.7	10	PHG SPA2582XP2
	2607	12.7	10	PHG SPA2607XP2
	2632	12.7	10	PHG SPA2632XP2
	2650	12.7	10	PHG SPA2650XP2
	2682	12.7	10	PHG SPA2682XP2
	2732	12.7	10	PHG SPA2732XP2
	2782	12.7	10	PHG SPA2782XP2
	2800	12.7	10	PHG SPA2800XP2
	2832	12.7	10	PHG SPA2832XP2
	2847	12.7	10	PHG SPA2847XP2
	2882	12.7	10	PHG SPA2882XP2
	2932	12.7	10	PHG SPA2932XP2
	2982	12.7	10	PHG SPA2982XP2
	3000	12.7	10	PHG SPA3000XP2
	3032	12.7	10	PHG SPA3032XP2
	3082	12.7	10	PHG SPA3082XP2
	3150	12.7	10	PHG SPA3150XP2
	3182	12.7	10	PHG SPA3182XP2
	3282	12.7	10	PHG SPA3282XP2
	3350	12.7	10	PHG SPA3350XP2
	3382	12.7	10	PHG SPA3382XP2
	3550	12.7	10	PHG SPA3550XP2
	3750	12.7	10	PHG SPA3750XP2
	4000	12.7	10	PHG SPA4000XP2
	1250	16.3	13	PHG SPB1250XP2
SPB XP	1260	16.3	13	PHG SPB1260XP2
	1270	16.3	13	PHG SPB1270XP2
	1280	16.3	13	PHG SPB1280XP2
	1320	16.3	13	PHG SPB1320XP2
	1340	16.3	13	PHG SPB1340XP2
	1400	16.3	13	PHG SPB1400XP2
	1410	16.3	13	PHG SPB1410XP2
	1450	16.3	13	PHG SPB1450XP2
	1500	16.3	13	PHG SPB1500XP2
	1525	16.3	13	PHG SPB1525XP2
	1550	16.3	13	PHG SPB1550XP2
	1590	16.3	13	PHG SPB1590XP2
	1600	16.3	13	PHG SPB1600XP2
	1650	16.3	13	PHG SPB1650XP2
	1690	16.3	13	PHG SPB1690XP2
	1700	16.3	13	PHG SPB1700XP2
	1720	16.3	13	PHG SPB1720XP2
	1750	16.3	13	PHG SPB1750XP2
	1800	16.3	13	PHG SPB1800XP2
	1850	16.3	13	PHG SPB1850XP2
	1900	16.3	13	PHG SPB1900XP2
	1950	16.3	13	PHG SPB1950XP2
	2000	16.3	13	PHG SPB2000XP2
	2020	16.3	13	PHG SPB2020XP2

Non-standard lengths are also available.

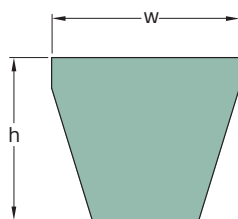
XP2 Wrapped wedge belts
SPZ XP | SPA XP | SPB XP



Section	Dimensions			Designation
	Pitch length	w	h	
–	mm	–	–	–
SPB XP	2 050	16.3	13	PHG SPB2050XP2
	2 060	16.3	13	PHG SPB2060XP2
	2 120	16.3	13	PHG SPB2120XP2
	2 150	16.3	13	PHG SPB2150XP2
	2 180	16.3	13	PHG SPB2180XP2
	2 200	16.3	13	PHG SPB2200XP2
	2 240	16.3	13	PHG SPB2240XP2
	2 280	16.3	13	PHG SPB2280XP2
	2 300	16.3	13	PHG SPB2300XP2
	2 360	16.3	13	PHG SPB2360XP2
	2 400	16.3	13	PHG SPB2400XP2
	2 410	16.3	13	PHG SPB2410XP2
	2 430	16.3	13	PHG SPB2430XP2
	2 500	16.3	13	PHG SPB2500XP2
	2 530	16.3	13	PHG SPB2530XP2
	2 580	16.3	13	PHG SPB2580XP2
	2 600	16.3	13	PHG SPB2600XP2
	2 650	16.3	13	PHG SPB2650XP2
	2 680	16.3	13	PHG SPB2680XP2
	2 700	16.3	13	PHG SPB2700XP2
	2 720	16.3	13	PHG SPB2720XP2
	2 750	16.3	13	PHG SPB2750XP2
	2 800	16.3	13	PHG SPB2800XP2
	2 840	16.3	13	PHG SPB2840XP2
	2 900	16.3	13	PHG SPB2900XP2
	2 990	16.3	13	PHG SPB2990XP2
	3 000	16.3	13	PHG SPB3000XP2
	3 070	16.3	13	PHG SPB3070XP2
	3 150	16.3	13	PHG SPB3150XP2
	3 170	16.3	13	PHG SPB3170XP2
	3 200	16.3	13	PHG SPB3200XP2
	3 250	16.3	13	PHG SPB3250XP2
	3 350	16.3	13	PHG SPB3350XP2
	3 400	16.3	13	PHG SPB3400XP2
	3 450	16.3	13	PHG SPB3450XP2
	3 550	16.3	13	PHG SPB3550XP2
	3 650	16.3	13	PHG SPB3650XP2
	3 675	16.3	13	PHG SPB3675XP2
	3 750	16.3	13	PHG SPB3750XP2
	3 800	16.3	13	PHG SPB3800XP2
	3 870	16.3	13	PHG SPB3870XP2
	4 000	16.3	13	PHG SPB4000XP2
	4 060	16.3	13	PHG SPB4060XP2
	4 120	16.3	13	PHG SPB4120XP2
	4 250	16.3	13	PHG SPB4250XP2
	4 310	16.3	13	PHG SPB4310XP2
	4 370	16.3	13	PHG SPB4370XP2
	4 500	16.3	13	PHG SPB4500XP2
	4 560	16.3	13	PHG SPB4560XP2
	4 620	16.3	13	PHG SPB4620XP2
	4 750	16.3	13	PHG SPB4750XP2
	4 820	16.3	13	PHG SPB4820XP2
	5 000	16.3	13	PHG SPB5000XP2
	5 070	16.3	13	PHG SPB5070XP2
	5 200	16.3	13	PHG SPB5200XP2
SPB XP	5 300	16.3	13	PHG SPB5300XP2
	5 380	16.3	13	PHG SPB5380XP2
	5 600	16.3	13	PHG SPB5600XP2
	6 000	16.3	13	PHG SPB6000XP2
	6 300	16.3	13	PHG SPB6300XP2
	6 700	16.3	13	PHG SPB6700XP2
	7 100	16.3	13	PHG SPB7100XP2
	7 500	16.3	13	PHG SPB7500XP2
	8 000	16.3	13	PHG SPB8000XP2
SPC XP	2 000	22.0	18	PHG SPC2000XP2
	2 120	22.0	18	PHG SPC2120XP2
	2 240	22.0	18	PHG SPC2240XP2
	2 360	22.0	18	PHG SPC2360XP2
	2 500	22.0	18	PHG SPC2500XP2
	2 650	22.0	18	PHG SPC2650XP2
	2 800	22.0	18	PHG SPC2800XP2
	2 950	22.0	18	PHG SPC2950XP2
	3 000	22.0	18	PHG SPC3000XP2
	3 050	22.0	18	PHG SPC3050XP2
	3 100	22.0	18	PHG SPC3100XP2
	3 150	22.0	18	PHG SPC3150XP2
	3 350	22.0	18	PHG SPC3350XP2
	3 550	22.0	18	PHG SPC3550XP2
	3 750	22.0	18	PHG SPC3750XP2
	4 000	22.0	18	PHG SPC4000XP2
	4 100	22.0	18	PHG SPC4100XP2
	4 250	22.0	18	PHG SPC4250XP2
	4 380	22.0	18	PHG SPC4380XP2
	4 500	22.0	18	PHG SPC4500XP2
	4 750	22.0	18	PHG SPC4750XP2
	5 000	22.0	18	PHG SPC5000XP2
	5 300	22.0	18	PHG SPC5300XP2
	5 600	22.0	18	PHG SPC5600XP2
	5 750	22.0	18	PHG SPC5750XP2
	6 000	22.0	18	PHG SPC6000XP2
	6 300	22.0	18	PHG SPC6300XP2
	6 700	22.0	18	PHG SPC6700XP2
	7 100	22.0	18	PHG SPC7100XP2
	7 500	22.0	18	PHG SPC7500XP2
	8 000	22.0	18	PHG SPC8000XP2
	8 500	22.0	18	PHG SPC8500XP2
	9 000	22.0	18	PHG SPC9000XP2
	9 500	22.0	18	PHG SPC9500XP2
	10 000	22.0	18	PHG SPC10000XP2
	11 200	22.0	18	PHG SPC11200XP2
	11 800	22.0	18	PHG SPC11800XP2

Non-standard lengths are also available.

XP2 Wrapped narrow wedge belts
3V XP | 5V XP | 8V XP

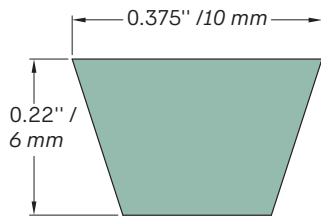


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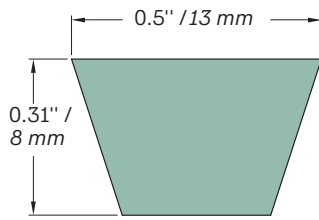
Section	Dimensions				Designation	Section	Dimensions				Designation
	Pitch length	Inside length	w	h			Pitch length	Inside length	w	h	
—	mm		mm		—	—	mm		mm		—
3V XP	1080	42.5	9	8	PHG 3V425XP2	8V XP	2 540	100.0	25	23	PHG 8V1000XP2
	1206	47.5	9	8	PHG 3V475XP2		2 692	106.0	25	23	PHG 8V1060XP2
	1270	50.0	9	8	PHG 3V500XP2		2 845	112.0	25	23	PHG 8V1120XP2
	1346	53.0	9	8	PHG 3V530XP2		2 997	118.0	25	23	PHG 8V1180XP2
	1422	56.0	9	8	PHG 3V560XP2		3 175	125.0	25	23	PHG 8V1250XP2
	1524	60.0	9	8	PHG 3V600XP2		3 353	132.0	25	23	PHG 8V1320XP2
	1600	63.0	9	8	PHG 3V630XP2		3 556	140.0	25	23	PHG 8V1400XP2
	1702	67.0	9	8	PHG 3V670XP2		3 810	150.0	25	23	PHG 8V1500XP2
	1803	71.0	9	8	PHG 3V710XP2		4 064	160.0	25	23	PHG 8V1600XP2
	1905	75.0	9	8	PHG 3V750XP2		4 318	170.0	25	23	PHG 8V1700XP2
	2032	80.0	9	8	PHG 3V800XP2		4 572	180.0	25	23	PHG 8V1800XP2
	2159	85.0	9	8	PHG 3V850XP2		4 826	190.0	25	23	PHG 8V1900XP2
	2286	90.0	9	8	PHG 3V900XP2		5 080	200.0	25	23	PHG 8V2000XP2
	2413	95.0	9	8	PHG 3V950XP2		5 385	212.0	25	23	PHG 8V2120XP2
	2540	100.0	9	8	PHG 3V1000XP2		5 690	224.0	25	23	PHG 8V2240XP2
	2692	106.0	9	8	PHG 3V1060XP2		5 994	236.0	25	23	PHG 8V2360XP2
	2845	112.0	9	8	PHG 3V1120XP2		6 350	250.0	25	23	PHG 8V2500XP2
	2997	118.0	9	8	PHG 3V1180XP2		6 731	265.0	25	23	PHG 8V2650XP2
	3175	125.0	9	8	PHG 3V1250XP2		7 112	280.0	25	23	PHG 8V2800XP2
	3353	132.0	9	8	PHG 3V1320XP2		7 620	300.0	25	23	PHG 8V3000XP2
3556	140.0	9	8	PHG 3V1400XP2	8 001	315.0	25	23	PHG 8V3150XP2		
5V XP	1346	53.0	15	13	PHG 5V530XP2	8 509	335.0	25	23	PHG 8V3350XP2	
	1422	56.0	15	13	PHG 5V560XP2	9 017	355.0	25	23	PHG 8V3550XP2	
	1524	60.0	15	13	PHG 5V600XP2	9 525	375.0	25	23	PHG 8V3750XP2	
	1600	63.0	15	13	PHG 5V630XP2	10 160	400.0	25	23	PHG 8V4000XP2	
	1702	67.0	15	13	PHG 5V670XP2	10 795	425.0	25	23	PHG 8V4250XP2	
	1803	71.0	15	13	PHG 5V710XP2	11 430	450.0	25	23	PHG 8V4500XP2	
	1905	75.0	15	13	PHG 5V750XP2	12 065	475.0	25	23	PHG 8V4750XP2	
	2032	80.0	15	13	PHG 5V800XP2	12 700	500.0	25	23	PHG 8V5000XP2	
	2159	85.0	15	13	PHG 5V850XP2	13 081	515.0	25	23	PHG 8V5150XP2	
	2286	90.0	15	13	PHG 5V900XP2	13 462	530.0	25	23	PHG 8V5300XP2	
	2413	95.0	15	13	PHG 5V950XP2						
	2540	100.0	15	13	PHG 5V1000XP2						
	2692	106.0	15	13	PHG 5V1060XP2						
	2845	112.0	15	13	PHG 5V1120XP2						
	2997	118.0	15	13	PHG 5V1180XP2						
	3175	125.0	15	13	PHG 5V1250XP2						
	3353	132.0	15	13	PHG 5V1320XP2						
	3556	140.0	15	13	PHG 5V1400XP2						
	3810	150.0	15	13	PHG 5V1500XP2						
	4064	160.0	15	13	PHG 5V1600XP2						
4318	170.0	15	13	PHG 5V1700XP2							
4572	180.0	15	13	PHG 5V1800XP2							
4826	190.0	15	13	PHG 5V1900XP2							
5080	200.0	15	13	PHG 5V2000XP2							
5385	212.0	15	13	PHG 5V2120XP2							
5690	224.0	15	13	PHG 5V2240XP2							
5994	236.0	15	13	PHG 5V2360XP2							
6350	250.0	15	13	PHG 5V2500XP2							
6731	265.0	15	13	PHG 5V2650XP2							
7112	280.0	15	13	PHG 5V2800XP2							
7620	300.0	15	13	PHG 5V3000XP2							
8001	315.0	15	13	PHG 5V3150XP2							

Non-standard lengths are also available.

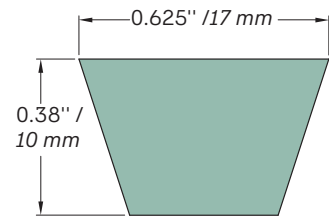
XP Lawn and garden V-belts
3L | 4L



3L



4L



5L

Section	Dimensions				Designation
	Pitch length	w		h	
		mm	in.	mm	in.
3L	10	3/8	381	15.0	PHG 3L150XP
	10	3/8	406	16.0	PHG 3L160XP
	10	3/8	432	17.0	PHG 3L170XP
	10	3/8	457	18.0	PHG 3L180XP
	10	3/8	483	19.0	PHG 3L190XP
	10	3/8	508	20.0	PHG 3L200XP
	10	3/8	533	21.0	PHG 3L210XP
	10	3/8	559	22.0	PHG 3L220XP
	10	3/8	584	23.0	PHG 3L230XP
	10	3/8	610	24.0	PHG 3L240XP
	10	3/8	635	25.0	PHG 3L250XP
	10	3/8	660	26.0	PHG 3L260XP
	10	3/8	673	26.5	PHG 3L265XP
	10	3/8	686	27.0	PHG 3L270XP
	10	3/8	711	28.0	PHG 3L280XP
	10	3/8	737	29.0	PHG 3L290XP
	10	3/8	762	30.0	PHG 3L300XP
	10	3/8	787	31.0	PHG 3L310XP
	10	3/8	813	32.0	PHG 3L320XP
	10	3/8	838	33.0	PHG 3L330XP
	10	3/8	864	34.0	PHG 3L340XP
	10	3/8	889	35.0	PHG 3L350XP
	10	3/8	914	36.0	PHG 3L360XP
	10	3/8	940	37.0	PHG 3L370XP
	10	3/8	965	38.0	PHG 3L380XP
	10	3/8	991	39.0	PHG 3L390XP
	10	3/8	1016	40.0	PHG 3L400XP
	10	3/8	1041	41.0	PHG 3L410XP
	10	3/8	1054	41.5	PHG 3L415XP
	10	3/8	1067	42.0	PHG 3L420XP
	10	3/8	1092	43.0	PHG 3L430XP
	10	3/8	1118	44.0	PHG 3L440XP
	10	3/8	1143	45.0	PHG 3L450XP
	10	3/8	1168	46.0	PHG 3L460XP
	10	3/8	1194	47.0	PHG 3L470XP
	10	3/8	1219	48.0	PHG 3L480XP
	10	3/8	1245	49.0	PHG 3L490XP
	10	3/8	1270	50.0	PHG 3L500XP
	10	3/8	1295	51.0	PHG 3L510XP
	10	3/8	1321	52.0	PHG 3L520XP
	10	3/8	1346	53.0	PHG 3L530XP
	10	3/8	1372	54.0	PHG 3L540XP
	10	3/8	1397	55.0	PHG 3L550XP
	10	3/8	1422	56.0	PHG 3L560XP
	10	3/8	1448	57.0	PHG 3L570XP
	10	3/8	1473	58.0	PHG 3L580XP
	10	3/8	1499	59.0	PHG 3L590XP
	10	3/8	1524	60.0	PHG 3L600XP
	10	3/8	1549	61.0	PHG 3L610XP
	10	3/8	1575	62.0	PHG 3L620XP
	10	3/8	1600	63.0	PHG 3L630XP
	10	3/8	1753	69.0	PHG 3L690XP
	10	3/8	1803	71.0	PHG 3L710XP
	10	3/8	1880	74.0	PHG 3L740XP
	10	3/8	1905	75.0	PHG 3L750XP

Section	Dimensions				Designation
	Pitch length	w		h	
		mm	in.	mm	in.
4L	13	1/2	356	14.0	PHG 4L140XP
	13	1/2	381	15.0	PHG 4L150XP
	13	1/2	406	16.0	PHG 4L160XP
	13	1/2	432	17.0	PHG 4L170XP
	13	1/2	457	18.0	PHG 4L180XP
	13	1/2	483	19.0	PHG 4L190XP
	13	1/2	508	20.0	PHG 4L200XP
	13	1/2	533	21.0	PHG 4L210XP
	13	1/2	546	21.5	PHG 4L215XP
	13	1/2	559	22.0	PHG 4L220XP
	13	1/2	584	23.0	PHG 4L230XP
	13	1/2	610	24.0	PHG 4L240XP
	13	1/2	635	25.0	PHG 4L250XP
	13	1/2	660	26.0	PHG 4L260XP
	13	1/2	686	27.0	PHG 4L270XP
	13	1/2	711	28.0	PHG 4L280XP
	13	1/2	737	29.0	PHG 4L290XP
	13	1/2	762	30.0	PHG 4L300XP
	13	1/2	775	30.5	PHG 4L305XP
	13	1/2	787	31.0	PHG 4L310XP
	13	1/2	813	32.0	PHG 4L320XP
	13	1/2	838	33.0	PHG 4L330XP
	13	1/2	864	34.0	PHG 4L340XP
	13	1/2	889	35.0	PHG 4L350XP
	13	1/2	914	36.0	PHG 4L360XP
	13	1/2	940	37.0	PHG 4L370XP
	13	1/2	965	38.0	PHG 4L380XP
	13	1/2	991	39.0	PHG 4L390XP
	13	1/2	1016	40.0	PHG 4L400XP
	13	1/2	1029	40.5	PHG 4L405XP
	13	1/2	1041	41.0	PHG 4L410XP
	13	1/2	1067	42.0	PHG 4L420XP
	13	1/2	1092	43.0	PHG 4L430XP
	13	1/2	1118	44.0	PHG 4L440XP
	13	1/2	1143	45.0	PHG 4L450XP
	13	1/2	1168	46.0	PHG 4L460XP
	13	1/2	1194	47.0	PHG 4L470XP
	13	1/2	1219	48.0	PHG 4L480XP
	13	1/2	1245	49.0	PHG 4L490XP
	13	1/2	1270	50.0	PHG 4L500XP
	13	1/2	1295	51.0	PHG 4L510XP
	13	1/2	1321	52.0	PHG 4L520XP
	13	1/2	1346	53.0	PHG 4L530XP
	13	1/2	1372	54.0	PHG 4L540XP
	13	1/2	1397	55.0	PHG 4L550XP
	13	1/2	1422	56.0	PHG 4L560XP
	13	1/2	1448	57.0	PHG 4L570XP
	13	1/2	1473	58.0	PHG 4L580XP
	13	1/2	1499	59.0	PHG 4L590XP
	13	1/2	1524	60.0	PHG 4L600XP
	13	1/2	1549	61.0	PHG 4L610XP
	13	1/2	1575	62.0	PHG 4L620XP
	13	1/2	1600	63.0	PHG 4L630XP
	13	1/2	1626	64.0	PHG 4L640XP
	13	1/2	1651	65.0	PHG 4L650XP

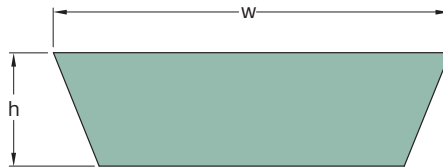
Section	Dimensions				Designation
	Pitch length	w		h	
		mm	in.	mm	in.
4L	13	1/2	1676	66.0	PHG 4L660XP
	13	1/2	1702	67.0	PHG 4L670XP
	13	1/2	1727	68.0	PHG 4L680XP
	13	1/2	1753	69.0	PHG 4L690XP
	13	1/2	1778	70.0	PHG 4L700XP
	13	1/2	1803	71.0	PHG 4L710XP
	13	1/2	1829	72.0	PHG 4L720XP
	13	1/2	1854	73.0	PHG 4L730XP
	13	1/2	1880	74.0	PHG 4L740XP
	13	1/2	1905	75.0	PHG 4L750XP
	13	1/2	1930	76.0	PHG 4L760XP
	13	1/2	1956	77.0	PHG 4L770XP
	13	1/2	1981	78.0	PHG 4L780XP
	13	1/2	2007	79.0	PHG 4L790XP
	13	1/2	2032	80.0	PHG 4L800XP
	13	1/2	2057	81.0	PHG 4L810XP
	13	1/2	2083	82.0	PHG 4L820XP
	13	1/2	2108	83.0	PHG 4L830XP
	13	1/2	2134	84.0	PHG 4L840XP
	13	1/2	2159	85.0	PHG 4L850XP
	13	1/2	2184	86.0	PHG 4L860XP
	13	1/2	2210	87.0	PHG 4L870XP
	13	1/2	2235	88.0	PHG 4L880XP
	13	1/2	2261	89.0	PHG 4L890XP
	13	1/2	2286	90.0	PHG 4L900XP
	13	1/2	2311	91.0	PHG 4L910XP
	13	1/2	2337	92.0	PHG 4L920XP
	13	1/2	2362	93.0	PHG 4L930XP
	13	1/2	2388	94.0	PHG 4L940XP
	13	1/2	2413	95.0	PHG 4L950XP
	13	1/2	2438	96.0	PHG 4L960XP
	13	1/2	2464	97.0	PHG 4L970XP
	13	1/2	2489	98.0	PHG 4L980XP
	13	1/2	2515	99.0	PHG 4L990XP
	13	1/2	2540	100.0	PHG 4L1000XP
	13	1/2	2565	101.0	PHG 4L1010XP
	13	1/2	2591	102.0	PHG 4L1020XP
	13	1/2	2616	103.0	PHG 4L1030XP
	13	1/2	2642	104.0	PHG 4L1040XP
	13	1/2	2667	105.0	PHG 4L1050XP
	13	1/2	2692	106.0	PHG 4L1060XP
	13	1/2	2718	107.0	PHG 4L1070XP
	13	1/2	2743	108.0	PHG 4L1080XP
	13	1/2	2769	109.0	PHG 4L1090XP
	13	1/2	2794	110.0	PHG 4L1100XP
	13	1/2	2819	111.0	PHG 4L1110XP
	13	1/2	2845	112.0	PHG 4L1120XP
	13	1/2	2870	113.0	PHG 4L1130XP
	13	1/2	2896	114.0	PHG 4L1140XP
	13	1/2	2946	116.0	PHG 4L1160XP
	13	1/2	2972	117.0	PHG 4L1170XP
	13	1/2	3048	120.0	PHG 4L1200XP
	13	1/2	3353	132.0	PHG 4L1320XP

XP Lawn and garden V-belts 5L

Section	Dimensions				Designation
	Pitch length	w		h	
–	mm	in.	mm	in.	–
5L	17	5/8	584	23.0	PHG 5L230XP
	17	5/8	610	24.0	PHG 5L240XP
	17	5/8	635	25.0	PHG 5L250XP
	17	5/8	660	26.0	PHG 5L260XP
	17	5/8	686	27.0	PHG 5L270XP
	17	5/8	711	28.0	PHG 5L280XP
	17	5/8	737	29.0	PHG 5L290XP
	17	5/8	762	30.0	PHG 5L300XP
	17	5/8	787	31.0	PHG 5L310XP
	17	5/8	813	32.0	PHG 5L320XP
	17	5/8	838	33.0	PHG 5L330XP
	17	5/8	864	34.0	PHG 5L340XP
	17	5/8	889	35.0	PHG 5L350XP
	17	5/8	914	36.0	PHG 5L360XP
	17	5/8	940	37.0	PHG 5L370XP
	17	5/8	965	38.0	PHG 5L380XP
	17	5/8	991	39.0	PHG 5L390XP
	17	5/8	1016	40.0	PHG 5L400XP
	17	5/8	1041	41.0	PHG 5L410XP
	17	5/8	1067	42.0	PHG 5L420XP
	17	5/8	1092	43.0	PHG 5L430XP
	17	5/8	1118	44.0	PHG 5L440XP
	17	5/8	1143	45.0	PHG 5L450XP
	17	5/8	1168	46.0	PHG 5L460XP
	17	5/8	1194	47.0	PHG 5L470XP
	17	5/8	1219	48.0	PHG 5L480XP
	17	5/8	1245	49.0	PHG 5L490XP
	17	5/8	1270	50.0	PHG 5L500XP
	17	5/8	1295	51.0	PHG 5L510XP
	17	5/8	1321	52.0	PHG 5L520XP
	17	5/8	1346	53.0	PHG 5L530XP
	17	5/8	1372	54.0	PHG 5L540XP
	17	5/8	1397	55.0	PHG 5L550XP
	17	5/8	1422	56.0	PHG 5L560XP
	17	5/8	1448	57.0	PHG 5L570XP
	17	5/8	1473	58.0	PHG 5L580XP
	17	5/8	1499	59.0	PHG 5L590XP
	17	5/8	1524	60.0	PHG 5L600XP
	17	5/8	1549	61.0	PHG 5L610XP
	17	5/8	1575	62.0	PHG 5L620XP
	17	5/8	1600	63.0	PHG 5L630XP
	17	5/8	1626	64.0	PHG 5L640XP
	17	5/8	1651	65.0	PHG 5L650XP
	17	5/8	1676	66.0	PHG 5L660XP
	17	5/8	1702	67.0	PHG 5L670XP
	17	5/8	1727	68.0	PHG 5L680XP
	17	5/8	1753	69.0	PHG 5L690XP
	17	5/8	1778	70.0	PHG 5L700XP
	17	5/8	1803	71.0	PHG 5L710XP
	17	5/8	1829	72.0	PHG 5L720XP
	17	5/8	1854	73.0	PHG 5L730XP
	17	5/8	1880	74.0	PHG 5L740XP
	17	5/8	1905	75.0	PHG 5L750XP
	17	5/8	1930	76.0	PHG 5L760XP
	17	5/8	1956	77.0	PHG 5L770XP
	17	5/8	1981	78.0	PHG 5L780XP
	17	5/8	2 007	79.0	PHG 5L790XP
	17	5/8	2 032	80.0	PHG 5L800XP
	17	5/8	2 057	81.0	PHG 5L810XP
	17	5/8	2 083	82.0	PHG 5L820XP
	17	5/8	2 108	83.0	PHG 5L830XP
	17	5/8	2 134	84.0	PHG 5L840XP
	17	5/8	2 159	85.0	PHG 5L850XP
	17	5/8	2 184	86.0	PHG 5L860XP
	17	5/8	2 210	87.0	PHG 5L870XP
	17	5/8	2 235	88.0	PHG 5L880XP
	17	5/8	2 261	89.0	PHG 5L890XP
	17	5/8	2 286	90.0	PHG 5L900XP
	17	5/8	2 311	91.0	PHG 5L910XP
	17	5/8	2 337	92.0	PHG 5L920XP
	17	5/8	2 362	93.0	PHG 5L930XP
	17	5/8	2 388	94.0	PHG 5L940XP
	17	5/8	2 413	95.0	PHG 5L950XP
	17	5/8	2 438	96.0	PHG 5L960XP
	17	5/8	2 464	97.0	PHG 5L970XP

Section	Dimensions				Designation
	Pitch length	w		h	
–	mm	in.	mm	in.	–
5L	17	5/8	2 489	98.0	PHG 5L980XP
	17	5/8	2 515	99.0	PHG 5L990XP
	17	5/8	2 540	100.0	PHG 5L1000XP
	17	5/8	2 565	101.0	PHG 5L1010XP
	17	5/8	2 591	102.0	PHG 5L1020XP
	17	5/8	2 616	103.0	PHG 5L1030XP
	17	5/8	2 642	104.0	PHG 5L1040XP
	17	5/8	2 667	105.0	PHG 5L1050XP
	17	5/8	2 692	106.0	PHG 5L1060XP
	17	5/8	2 718	107.0	PHG 5L1070XP
	17	5/8	2 743	108.0	PHG 5L1080XP
	17	5/8	2 769	109.0	PHG 5L1090XP
	17	5/8	2 845	112.0	PHG 5L1120XP
	17	5/8	2 896	114.0	PHG 5L1140XP
	17	5/8	2 997	118.0	PHG 5L1180XP
	17	5/8	3 048	120.0	PHG 5L1200XP
	17	5/8	3 099	122.0	PHG 5L1220XP
	17	5/8	3 150	124.0	PHG 5L1240XP
	17	5/8	3 200	126.0	PHG 5L1260XP
	17	5/8	3 251	128.0	PHG 5L1280XP
	17	5/8	3 302	130.0	PHG 5L1300XP
	17	5/8	3 353	132.0	PHG 5L1320XP
	17	5/8	3 404	134.0	PHG 5L1340XP
	17	5/8	3 454	136.0	PHG 5L1360XP
	17	5/8	3 505	138.0	PHG 5L1380XP
	17	5/8	3 556	140.0	PHG 5L1400XP

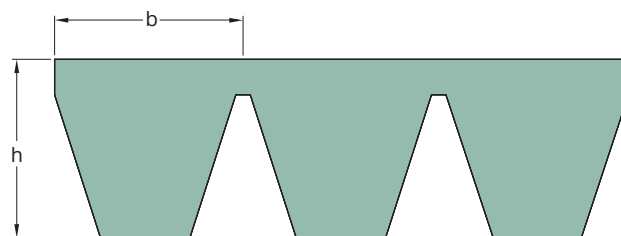
Variable speed belts VS



Section	Number of ribs	Dimensions		Inside length	Designation		
		Pitch length			w	h	
–	–	mm	in.	mm	–	–	–
VS	1	496	19.53	476	17	5	PHG VS17X5X476
		556	21.89	536	17	5	PHG VS17X5X536
		590	23.23	570	17	5	PHG VS17X5X570
		626	24.65	606	17	5	PHG VS17X5X606
		796	31.34	776	17	5	PHG VS17X5X776
		620	24.41	600	21	6	PHG VS21X6X600
		630	24.80	610	21	6	PHG VS21X6X610
		695	27.36	675	21	6	PHG VS21X6X675
		790	31.10	770	21	6	PHG VS21X6X770
		556	21.89	525	22	8	PHG VS22X8X525
		596	23.46	565	22	8	PHG VS22X8X565
		681	26.81	650	22	8	PHG VS22X8X650
		731	28.78	700	22	8	PHG VS22X8X700
		781	30.75	750	22	8	PHG VS22X8X750
		831	32.72	800	22	8	PHG VS22X8X800
		881	34.69	850	22	8	PHG VS22X8X850
		931	36.65	900	22	8	PHG VS22X8X900
		981	38.62	950	22	8	PHG VS22X8X950
		1031	40.59	1000	22	8	PHG VS22X8X1000
		686	27.01	655	26	8	PHG VS26X8X655
		703	27.68	672	26	8	PHG VS26X8X672
		781	30.75	750	26	8	PHG VS26X8X750
		793	31.22	762	26	8	PHG VS26X8X762
		831	32.72	800	26	8	PHG VS26X8X800
		893	35.16	862	26	8	PHG VS26X8X862
		993	39.09	962	26	8	PHG VS26X8X962
		631	24.84	600	28	8	PHG VS28X8X600
		681	26.81	650	28	8	PHG VS28X8X650
		731	28.78	700	28	8	PHG VS28X8X700
		781	30.75	750	28	8	PHG VS28X8X750
		831	32.72	800	28	8	PHG VS28X8X800
		881	34.69	850	28	8	PHG VS28X8X850
		931	36.65	900	28	8	PHG VS28X8X900
		981	38.62	950	28	8	PHG VS28X8X950
		1031	40.59	1000	28	8	PHG VS28X8X1000
		1151	45.31	1120	28	8	PHG VS28X8X1120
		692	27.24	650	30	10	PHG VS30X10X650
		842	33.15	800	30	10	PHG VS30X10X800
		892	35.12	850	30	10	PHG VS30X10X850
		942	37.09	900	30	10	PHG VS30X10X900
		992	39.06	950	30	10	PHG VS30X10X950
		1042	41.02	1000	30	10	PHG VS30X10X1000
		1162	45.75	1120	30	10	PHG VS30X10X1120
		1242	48.90	1200	30	10	PHG VS30X10X1200
		1542	60.71	1500	30	10	PHG VS30X10X1500
		792	31.18	750	32	10	PHG VS32X10X750
		832	32.76	790	32	10	PHG VS32X10X790
		862	33.94	820	32	10	PHG VS32X10X820
		892	35.12	850	32	10	PHG VS32X10X850
		942	37.09	900	32	10	PHG VS32X10X900
		992	39.06	950	32	10	PHG VS32X10X950
		1042	41.02	1000	32	10	PHG VS32X10X1000
		1115	43.90	1073	32	10	PHG VS32X10X1073
		1162	45.75	1120	32	10	PHG VS32X10X1120
		1222	48.11	1180	32	10	PHG VS32X10X1180

Section	Number of ribs	Dimensions		Inside length	Designation		
		Pitch length			w	h	
–	–	mm	in.	mm	–	–	–
VS	1	1242	48.90	1200	32	10	PHG VS32X10X1200
		702	27.64	660	37	10	PHG VS37X10X660
		842	33.15	800	37	10	PHG VS37X10X800
		892	35.12	850	37	10	PHG VS37X10X850
		942	37.09	900	37	10	PHG VS37X10X900
		992	39.06	950	37	10	PHG VS37X10X950
		1042	41.02	1000	37	10	PHG VS37X10X1000
		1102	43.39	1060	37	10	PHG VS37X10X1060
		1162	45.75	1120	37	10	PHG VS37X10X1120
		1222	48.11	1180	37	10	PHG VS37X10X1180
		1442	56.77	1400	37	10	PHG VS37X10X1400
		1542	60.71	1500	37	10	PHG VS37X10X1500
		1642	64.65	1600	37	10	PHG VS37X10X1600
		978	38.50	925	41	13	PHG VS41X13X925
		1053	41.46	1000	41	13	PHG VS41X13X1000
		1093	43.03	1040	41	13	PHG VS41X13X1040
		1113	43.82	1060	41	13	PHG VS41X13X1060
		1173	46.18	1120	41	13	PHG VS41X13X1120
		1233	48.54	1180	41	13	PHG VS41X13X1180
		1303	51.30	1250	41	13	PHG VS41X13X1250
		1393	54.84	1340	41	13	PHG VS41X13X1340
		1493	58.78	1440	41	13	PHG VS41X13X1440
		1653	65.08	1600	41	13	PHG VS41X13X1600
		1793	70.59	1740	41	13	PHG VS41X13X1740
		1053	41.46	1000	47	13	PHG VS47X13X1000
		1113	43.82	1060	47	13	PHG VS47X13X1060
		1173	46.18	1120	47	13	PHG VS47X13X1120
		1233	48.54	1180	47	13	PHG VS47X13X1180
		1303	51.30	1250	47	13	PHG VS47X13X1250
		1373	54.06	1320	47	13	PHG VS47X13X1320
		1453	57.20	1400	47	13	PHG VS47X13X1400
		1553	61.14	1500	47	13	PHG VS47X13X1500
		1653	65.08	1600	47	13	PHG VS47X13X1600
		1753	69.02	1700	47	13	PHG VS47X13X1700
		1853	72.95	1800	47	13	PHG VS47X13X1800
		1233	48.54	1180	52	16	PHG VS52X16X1180
		1303	51.30	1250	52	16	PHG VS52X16X1250
		1453	57.20	1400	52	16	PHG VS52X16X1400
		1578	62.13	1525	52	16	PHG VS52X16X1525
		1653	65.08	1600	52	16	PHG VS52X16X1600
		1978	77.87	1925	52	16	PHG VS52X16X1925
		1453	57.20	1400	55	16	PHG VS55X16X1400
		1553	61.14	1500	55	16	PHG VS55X16X1500
		1653	65.08	1600	55	16	PHG VS55X16X1600
		1753	69.02	1700	55	16	PHG VS55X16X1700
		1853	72.95	1800	55	16	PHG VS55X16X1800
		1772	69.76	1706	65	20	PHG VS65X20X1706
		1972	77.64	1906	65	20	PHG VS65X20X1906
		1666	65.59	1600	70	18	PHG VS70X18X1600
		1766	69.53	1700	70	18	PHG VS70X18X1700
		1866	73.46	1800	70	18	PHG VS70X18X1800
		1966	77.40	1900	70	18	PHG VS70X18X1900
		2066	81.34	2000	70	18	PHG VS70X18X2000

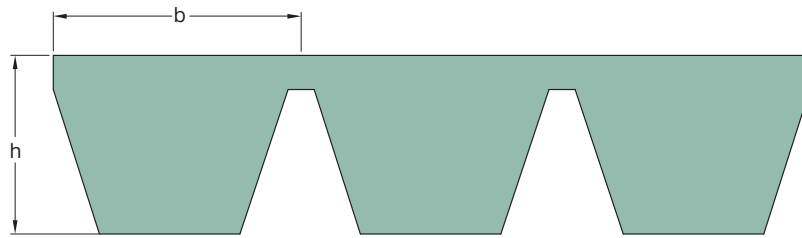
Non-standard lengths are also available.



Section	Dimensions		Designation	Section	Dimensions		Designation		
	Pitch length				Pitch length				
	b	h		b	h				
—	mm		—	mm		—			
SPA	1 250	12.8	12.0	PHG SPA1250X...	4 000	22.0	22.6	PHG SPC4000X...	
	1 400	12.8	12.0	PHG SPA1400X...	4 250	22.0	22.6	PHG SPC4250X...	
	1 500	12.8	12.0	PHG SPA1500X...	4 500	22.0	22.6	PHG SPC4500X...	
	1 600	12.8	12.0	PHG SPA1600X...	4 750	22.0	22.6	PHG SPC4750X...	
	1 700	12.8	12.0	PHG SPA1700X...	5 000	22.0	22.6	PHG SPC5000X...	
	1 800	12.8	12.0	PHG SPA1800X...	5 300	22.0	22.6	PHG SPC5300X...	
	1 900	12.8	12.0	PHG SPA1900X...	5 600	22.0	22.6	PHG SPC5600X...	
	2 000	12.8	12.0	PHG SPA2000X...	6 000	22.0	22.6	PHG SPC6000X...	
	2 120	12.8	12.0	PHG SPA2120X...	6 300	22.0	22.6	PHG SPC6300X...	
	2 240	12.8	12.0	PHG SPA2240X...	6 700	22.0	22.6	PHG SPC6700X...	
	2 360	12.8	12.0	PHG SPA2360X...	7 100	22.0	22.6	PHG SPC7100X...	
	2 500	12.8	12.0	PHG SPA2500X...	7 500	22.0	22.6	PHG SPC7500X...	
	2 650	12.8	12.0	PHG SPA2650X...	8 000	22.0	22.6	PHG SPC8000X...	
	2 800	12.8	12.0	PHG SPA2800X...	8 500	22.0	22.6	PHG SPC8500X...	
	3 000	12.8	12.0	PHG SPA3000X...	9 000	22.0	22.6	PHG SPC9000X...	
	3 150	12.8	12.0	PHG SPA3150X...	9 500	22.0	22.6	PHG SPC9500X...	
	3 350	12.8	12.0	PHG SPA3350X...	10 000	22.0	22.6	PHG SPC10000X...	
	3 550	12.8	12.0	PHG SPA3550X...	10 600	22.0	22.6	PHG SPC10600X...	
	3 750	12.8	12.0	PHG SPA3750X...	11 200	22.0	22.6	PHG SPC11200X...	
	4 000	12.8	12.0	PHG SPA4000X...	11 800	22.0	22.6	PHG SPC11800X...	
	4 250	12.8	12.0	PHG SPA4250X...	12 500	22.0	22.6	PHG SPC12500X...	
	4 500	12.8	12.0	PHG SPA4500X...					
	SPB	2 000	16.5	15.6	PHG SPB2000X...				
		2 120	16.5	15.6	PHG SPB2120X...				
		2 240	16.5	15.6	PHG SPB2240X...				
		2 360	16.5	15.6	PHG SPB2360X...				
		2 500	16.5	15.6	PHG SPB2500X...				
		2 650	16.5	15.6	PHG SPB2650X...				
		2 800	16.5	15.6	PHG SPB2800X...				
		3 000	16.5	15.6	PHG SPB3000X...				
		3 150	16.5	15.6	PHG SPB3150X...				
		3 350	16.5	15.6	PHG SPB3350X...				
3 550		16.5	15.6	PHG SPB3550X...					
3 750		16.5	15.6	PHG SPB3750X...					
4 000		16.5	15.6	PHG SPB4000X...					
4 250		16.5	15.6	PHG SPB4250X...					
4 500		16.5	15.6	PHG SPB4500X...					
4 750		16.5	15.6	PHG SPB4750X...					
5 000		16.5	15.6	PHG SPB5000X...					
5 300		16.5	15.6	PHG SPB5300X...					
5 600		16.5	15.6	PHG SPB5600X...					
6 000		16.5	15.6	PHG SPB6000X...					
6 300		16.5	15.6	PHG SPB6300X...					
6 700		16.5	15.6	PHG SPB6700X...					
7 100		16.5	15.6	PHG SPB7100X...					
7 500		16.5	15.6	PHG SPB7500X...					
8 000		16.5	15.6	PHG SPB8000X...					
SPC	3 000	22.0	22.6	PHG SPC3000X...					
	3 150	22.0	22.6	PHG SPC3150X...					
	3 350	22.0	22.6	PHG SPC3350X...					
	3 550	22.0	22.6	PHG SPC3550X...					
	3 750	22.0	22.6	PHG SPC3750X...					

Non-standard lengths are also available.
To complete designation, add number of bands. For example PHG SPC8000X4.

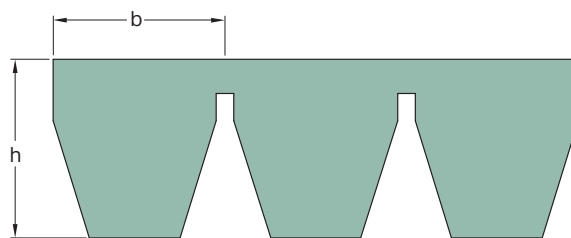
Banded classical belts
13/A | 17/B | 22/C | 32/D



Section	Dimensions				Designation	Section	Dimensions				Designation
	Pitch length	Inside length	b	h			Pitch length	Inside length	b	h	
–	mm	in.	mm		–	–	mm	in.	mm		–
13/A	1 230	47.0	13	9.9	PHG A47X...	22/C	2 340	90.0	22	16.2	PHG C90X...
	1 330	51.0	13	9.9	PHG A51X...		2 550	98.0	22	16.2	PHG C98X...
	1 460	56.0	13	9.9	PHG A56X...		2 800	108.0	22	16.2	PHG C108X...
	1 480	57.0	13	9.9	PHG A57X...		3 100	120.0	22	16.2	PHG C120X...
	1 530	59.0	13	9.9	PHG A59X...		3 310	128.0	22	16.2	PHG C128X...
	1 660	64.0	13	9.9	PHG A64X...		3 610	140.0	22	16.2	PHG C140X...
	1 740	67.0	13	9.9	PHG A67X...		3 760	146.0	22	16.2	PHG C146X...
	1 840	71.0	13	9.9	PHG A71X...		3 895	151.0	22	16.2	PHG C151X...
	1 940	75.0	13	9.9	PHG A75X...		4 300	167.0	22	16.2	PHG C167X...
	2 050	79.0	13	9.9	PHG A79X...		4 560	177.0	22	16.2	PHG C177X...
	2 270	88.0	13	9.9	PHG A88X...	32/D	4 810	187.0	22	16.2	PHG C187X...
	2 520	98.0	13	9.9	PHG A98X...		5 060	197.0	22	16.2	PHG C197X...
	2 570	100.0	13	9.9	PHG A100X...		5 340	208.0	22	16.2	PHG C208X...
	2 680	104.0	13	9.9	PHG A104X...		5 640	220.0	22	16.2	PHG C220X...
	2 880	112.0	13	9.9	PHG A112X...		6 050	236.0	22	16.2	PHG C236X...
	3 080	120.0	13	9.9	PHG A120X...		6 360	248.0	22	16.2	PHG C248X...
	3 290	128.0	13	9.9	PHG A128X...		4 080	158.0	32	22.4	PHG D158X...
	3 690	144.0	13	9.9	PHG A144X...		4 190	162.0	32	22.4	PHG D162X...
	4 043	158.0	13	9.9	PHG A158X...		4 470	173.0	32	22.4	PHG D173X...
	4 270	167.0	13	9.9	PHG A167X...		4 650	180.0	32	22.4	PHG D180X...
17/B	4 780	187.0	13	9.9	PHG A187X...		5 030	195.0	32	22.4	PHG D195X...
	1 240	47.0	17	13.0	PHG B47X...		5 400	210.0	32	22.4	PHG D210X...
	1 340	51.0	17	13.0	PHG B51X...		5 790	225.0	32	22.4	PHG D225X...
	1 440	55.0	17	13.0	PHG B55X...		6 170	240.0	32	22.4	PHG D240X...
	1 540	59.0	17	13.0	PHG B59X...		6 560	255.0	32	22.4	PHG D255X...
	1 590	61.0	17	13.0	PHG B61X...		6 940	270.0	32	22.4	PHG D270X...
	1 640	63.0	17	13.0	PHG B63X...		7 320	285.0	32	22.4	PHG D285X...
	1 670	64.0	17	13.0	PHG B64X...		7 700	300.0	32	22.4	PHG D300X...
	1 740	67.0	17	13.0	PHG B67X...		8 080	315.0	32	22.4	PHG D315X...
	1 850	71.0	17	13.0	PHG B71X...		8 460	330.0	32	22.4	PHG D330X...
	1 900	73.0	17	13.0	PHG B73X...		8 840	345.0	32	22.4	PHG D345X...
	1 950	75.0	17	13.0	PHG B75X...		9 220	360.0	32	22.4	PHG D360X...
	2 050	79.0	17	13.0	PHG B79X...		9 980	390.0	32	22.4	PHG D390X...
	2 150	83.0	17	13.0	PHG B83X...		10 740	420.0	32	22.4	PHG D420X...
	2 280	88.0	17	13.0	PHG B88X...		11 505	450.0	32	22.4	PHG D450X...
	2 350	91.0	17	13.0	PHG B91X...		12 270	480.0	32	22.4	PHG D480X...
	2 435	94.5	17	13.0	PHG B94.5X...		13 790	540.0	32	22.4	PHG D540X...
	2 530	98.0	17	13.0	PHG B98X...						
	2 630	102.0	17	13.0	PHG B102X...						
	2 740	106.0	17	13.0	PHG B106X...						
	2 890	112.0	17	13.0	PHG B112X...						
	3 040	118.0	17	13.0	PHG B118X...						
	3 090	120.0	17	13.0	PHG B120X...						
	3 290	128.0	17	13.0	PHG B128X...						
	3 400	132.0	17	13.0	PHG B132X...						
	3 600	140.0	17	13.0	PHG B140X...						
	3 750	146.0	17	13.0	PHG B146X...						
	3 800	148.0	17	13.0	PHG B148X...						
	4 060	158.0	17	13.0	PHG B158X...						
	4 280	167.0	17	13.0	PHG B167X...						
	4 540	177.0	17	13.0	PHG B177X...						
	4 800	187.0	17	13.0	PHG B187X...						
	5 044	197.0	17	13.0	PHG B197X...						
	5 340	208.0	17	13.0	PHG B208X...						
	5 630	220.0	17	13.0	PHG B220X...						

Non-standard lengths are also available.
To complete designation add number of bands. For example PHG D360X6.

Banded narrow wedge belts
3V/9J | 5V/15J | 8V/25J

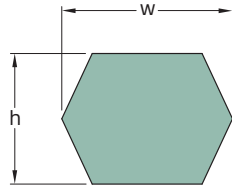


A

Section	Dimensions				Designation
	Pitch length	Inside length	b	h	
–	mm	in.	mm	–	–
3V/9J	1 270	50	9	9.9	PHG 3V500X...
	1 346	53	9	9.9	PHG 3V530X...
	1 422	56	9	9.9	PHG 3V560X...
	1 524	60	9	9.9	PHG 3V600X...
	1 600	63	9	9.9	PHG 3V630X...
	1 702	67	9	9.9	PHG 3V670X...
	1 803	71	9	9.9	PHG 3V710X...
	1 905	75	9	9.9	PHG 3V750X...
	2 032	80	9	9.9	PHG 3V800X...
	2 159	85	9	9.9	PHG 3V850X...
	2 286	90	9	9.9	PHG 3V900X...
	2 413	95	9	9.9	PHG 3V950X...
	2 540	100	9	9.9	PHG 3V1000X...
	2 692	106	9	9.9	PHG 3V1060X...
	2 845	112	9	9.9	PHG 3V1120X...
	2 997	118	9	9.9	PHG 3V1180X...
	3 175	125	9	9.9	PHG 3V1250X...
	3 353	132	9	9.9	PHG 3V1320X...
	3 556	140	9	9.9	PHG 3V1400X...
5V/15J	1 422	56	15	15.1	PHG 5V560X...
	1 524	60	15	15.1	PHG 5V600X...
	1 600	63	15	15.1	PHG 5V630X...
	1 702	67	15	15.1	PHG 5V670X...
	1 803	71	15	15.1	PHG 5V710X...
	1 905	75	15	15.1	PHG 5V750X...
	2 032	80	15	15.1	PHG 5V800X...
	2 159	85	15	15.1	PHG 5V850X...
	2 286	90	15	15.1	PHG 5V900X...
	2 413	95	15	15.1	PHG 5V950X...
	2 540	100	15	15.1	PHG 5V1000X...
	2 692	106	15	15.1	PHG 5V1060X...
	2 845	112	15	15.1	PHG 5V1120X...
	2 997	118	15	15.1	PHG 5V1180X...
	3 175	125	15	15.1	PHG 5V1250X...
	3 353	132	15	15.1	PHG 5V1320X...
	3 556	140	15	15.1	PHG 5V1400X...
	3 810	150	15	15.1	PHG 5V1500X...
	4 064	160	15	15.1	PHG 5V1600X...
	4 318	170	15	15.1	PHG 5V1700X...
8V/25J	2 540	100	25	25.5	PHG 8V1000X...
	2 692	106	25	25.5	PHG 8V1060X...
	2 845	112	25	25.5	PHG 8V1120X...
	2 997	118	25	25.5	PHG 8V1180X...
	3 175	125	25	25.5	PHG 8V1250X...
	3 353	132	25	25.5	PHG 8V1320X...
	3 556	140	25	25.5	PHG 8V1400X...
	3 810	150	25	25.5	PHG 8V1500X...
	4 064	160	25	25.5	PHG 8V1600X...
	4 318	170	25	25.5	PHG 8V1700X...
	4 572	180	25	25.5	PHG 8V1800X...
	4 826	190	25	25.5	PHG 8V1900X...
	5 080	200	25	25.5	PHG 8V2000X...
	5 385	212	25	25.5	PHG 8V2120X...
	5 690	224	25	25.5	PHG 8V2240X...
	5 994	236	25	25.5	PHG 8V2360X...
	6 350	250	25	25.5	PHG 8V2500X...
	6 731	265	25	25.5	PHG 8V2650X...
	7 112	280	25	25.5	PHG 8V2800X...
	7 620	300	25	25.5	PHG 8V3000X...
5V/15J	8 001	315	25	25.5	PHG 8V3150X...
	8 509	335	25	25.5	PHG 8V3350X...
	8 001	315	25	25.5	PHG 8V3150X...
	8 509	335	25	25.5	PHG 8V3350X...
	8 001	315	25	25.5	PHG 8V3150X...
	8 509	335	25	25.5	PHG 8V3350X...
	8 001	315	25	25.5	PHG 8V3150X...
	8 509	335	25	25.5	PHG 8V3350X...
	8 001	315	25	25.5	PHG 8V3150X...
	8 509	335	25	25.5	PHG 8V3350X...
	8 001	315	25	25.5	PHG 8V3150X...
	8 509	335	25	25.5	PHG 8V3350X...
	8 001	315	25	25.5	PHG 8V3150X...
	8 509	335	25	25.5	PHG 8V3350X...
	8 001	315	25	25.5	PHG 8V3150X...
	8 509	335	25	25.5	PHG 8V3350X...
	8 001	315	25	25.5	PHG 8V3150X...
	8 509	335	25	25.5	PHG 8V3350X...
	8 001	315	25	25.5	PHG 8V3150X...
	8 509	335	25	25.5	PHG 8V3350X...

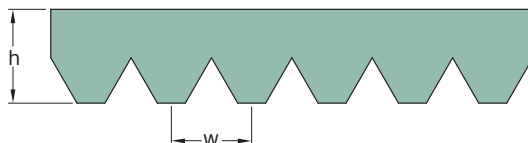
Non-standard lengths are also available.
To complete designation add number of bands. For example PHG 8V3350X3.

Double classical (Hex) belts
AA/HAA | BB/HBB | CC/HCC



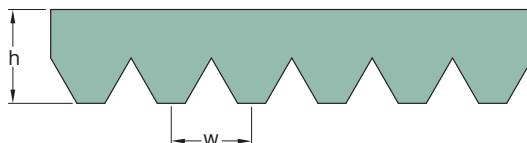
Section	Dimensions				Designation
	Pitch length	Inside length	b	h	
–	mm	in.	mm		–
AA/HAA	2 000	77	13	10	PHG AA77
	2 032	78	13	10	PHG AA78
	2 370	91	13	10	PHG AA91
	2 500	96	13	10	PHG AA96
	2 650	102	13	10	PHG AA102
	2 667	103	13	10	PHG AA103
	2 800	108	13	10	PHG AA108
	3 300	128	13	10	PHG AA128
	3 920	152	13	10	PHG AA152
BB/HBB	1 980	75	17	13	PHG BB75
	2 180	83	17	13	PHG BB83
	2 300	88	17	13	PHG BB88
	2 370	90	17	13	PHG BB90
	2 500	95	17	13	PHG BB95
	2 540	97	17	13	PHG BB97
	2 600	99	17	13	PHG BB99
	2 650	101	17	13	PHG BB101
	2 740	105	17	13	PHG BB105
	2 800	107	17	13	PHG BB107
	2 850	109	17	13	PHG BB109
	2 920	112	17	13	PHG BB112
	3 000	115	17	13	PHG BB115
	3 030	116	17	13	PHG BB116
	3 150	121	17	13	PHG BB121
	3 250	125	17	13	PHG BB125
	3 280	126	17	13	PHG BB126
	3 325	128	17	13	PHG BB128
	3 390	131	17	13	PHG BB131
	3 450	133	17	13	PHG BB133
	3 500	135	17	13	PHG BB135
	3 550	137	17	13	PHG BB137
	3 730	144	17	13	PHG BB144
	3 750	145	17	13	PHG BB145
	4 010	155	17	13	PHG BB155
	4 040	156	17	13	PHG BB156
	4 200	162	17	13	PHG BB162
	4 470	173	17	13	PHG BB173
	4 500	174	17	13	PHG BB174
	4 750	184	17	13	PHG BB184
CC/HCC	2 280	86	22	17	PHG CC86
	2 500	94	22	17	PHG CC94
	2 800	106	22	17	PHG CC106
	3 200	122	22	17	PHG CC122
	3 310	126	22	17	PHG CC126
	3 765	144	22	17	PHG CC144
	4 000	153	22	17	PHG CC153
	4 216	162	22	17	PHG CC162
	4 300	165	22	17	PHG CC165
	4 500	173	22	17	PHG CC173
	5 000	193	22	17	PHG CC193
	5 300	204	22	17	PHG CC204
	5 340	206	22	17	PHG CC206
	5 750	224	22	17	PHG CC224

Non-standard lengths are also available.



Section	Dimensions				Designation	Section	Dimensions				Designation	
	Effective length						Effective length					
			w	h					w	h		
—	mm	in.	mm		—	—	mm	in.	mm		—	
PH	600	23.6	1.60	2.50	PHG ...PH600	PJ	1240	48.8	2.34	3.50	PHG ...PJ1240	
	690	27.2	1.60	2.50	PHG ...PH690		1270	50.0	2.34	3.50	PHG ...PJ1270	
	760	29.9	1.60	2.50	PHG ...PH760		1285	50.6	2.34	3.50	PHG ...PJ1285	
	810	31.9	1.60	2.50	PHG ...PH810		1300	51.2	2.34	3.50	PHG ...PJ1300	
	850	33.5	1.60	2.50	PHG ...PH850		1305	51.4	2.34	3.50	PHG ...PJ1305	
	865	34.1	1.60	2.50	PHG ...PH865		1310	51.6	2.34	3.50	PHG ...PJ1310	
	880	34.6	1.60	2.50	PHG ...PH880		1320	52.0	2.34	3.50	PHG ...PJ1320	
	955	37.6	1.60	2.50	PHG ...PH955		1330	52.4	2.34	3.50	PHG ...PJ1330	
	965	38.0	1.60	2.50	PHG ...PH965		1355	53.4	2.34	3.50	PHG ...PJ1355	
	975	38.4	1.60	2.50	PHG ...PH975		1370	53.9	2.34	3.50	PHG ...PJ1370	
	990	39.0	1.60	2.50	PHG ...PH990		1390	54.7	2.34	3.50	PHG ...PJ1390	
	1010	39.8	1.60	2.50	PHG ...PH1010		1420	55.9	2.34	3.50	PHG ...PJ1420	
	1080	42.5	1.60	2.50	PHG ...PH1080		1430	56.3	2.34	3.50	PHG ...PJ1430	
	1090	42.9	1.60	2.50	PHG ...PH1090		1475	58.1	2.34	3.50	PHG ...PJ1475	
	1095	43.1	1.60	2.50	PHG ...PH1095		1540	60.6	2.34	3.50	PHG ...PJ1540	
	1160	45.7	1.60	2.50	PHG ...PH1160		1600	63.0	2.34	3.50	PHG ...PJ1600	
	1200	47.2	1.60	2.50	PHG ...PH1200		1650	65.0	2.34	3.50	PHG ...PJ1650	
	1220	48.0	1.60	2.50	PHG ...PH1220		1660	65.4	2.34	3.50	PHG ...PJ1660	
	1230	48.4	1.60	2.50	PHG ...PH1230		1750	68.9	2.34	3.50	PHG ...PJ1750	
	1240	48.8	1.60	2.50	PHG ...PH1240		1780	70.0	2.34	3.50	PHG ...PJ1780	
	1260	49.6	1.60	2.50	PHG ...PH1260		1850	72.8	2.34	3.50	PHG ...PJ1850	
	1270	50.0	1.60	2.50	PHG ...PH1270		1895	74.6	2.34	3.50	PHG ...PJ1895	
	1285	50.6	1.60	2.50	PHG ...PH1285		1910	75.2	2.34	3.50	PHG ...PJ1910	
	1300	51.2	1.60	2.50	PHG ...PH1300		1915	75.4	2.34	3.50	PHG ...PJ1915	
	1305	51.4	1.60	2.50	PHG ...PH1305		1930	76.0	2.34	3.50	PHG ...PJ1930	
	1320	52.0	1.60	2.50	PHG ...PH1320		1950	76.8	2.34	3.50	PHG ...PJ1950	
	1475	58.1	1.60	2.50	PHG ...PH1475		1965	77.4	2.34	3.50	PHG ...PJ1965	
	1600	63.0	1.60	2.50	PHG ...PH1600		1980	78.0	2.34	3.50	PHG ...PJ1980	
	PJ	540	21.3	2.34	3.50		PHG ...PJ540	1990	78.3	2.34	3.50	PHG ...PJ1990
		550	21.7	2.34	3.50		PHG ...PJ550	2080	81.9	2.34	3.50	PHG ...PJ2080
		580	22.8	2.34	3.50		PHG ...PJ580	2100	82.7	2.34	3.50	PHG ...PJ2100
		610	24.0	2.34	3.50		PHG ...PJ610	2155	84.8	2.34	3.50	PHG ...PJ2155
660		26.0	2.34	3.50	PHG ...PJ660	2210	87.0	2.34	3.50	PHG ...PJ2210		
710		28.0	2.34	3.50	PHG ...PJ710	2330	91.7	2.34	3.50	PHG ...PJ2330		
720		28.3	2.34	3.50	PHG ...PJ720	2480	97.6	2.34	3.50	PHG ...PJ2480		
760		29.9	2.34	3.50	PHG ...PJ760	PK	575	22.6	3.56	5.50	PHG ...PK575	
810		31.9	2.34	3.50	PHG ...PJ810		600	23.6	3.56	5.50	PHG ...PK600	
830		32.7	2.34	3.50	PHG ...PJ830		635	25.0	3.56	5.50	PHG ...PK635	
860		33.9	2.34	3.50	PHG ...PJ860		650	25.6	3.56	5.50	PHG ...PK650	
910		35.8	2.34	3.50	PHG ...PJ910		665	26.2	3.56	5.50	PHG ...PK665	
955		37.6	2.34	3.50	PHG ...PJ955		690	27.2	3.56	5.50	PHG ...PK690	
965		38.0	2.34	3.50	PHG ...PJ965		710	28.0	3.56	5.50	PHG ...PK710	
1010		39.8	2.34	3.50	PHG ...PJ1010		740	29.1	3.56	5.50	PHG ...PK740	
1090		42.9	2.34	3.50	PHG ...PJ1090		760	29.9	3.56	5.50	PHG ...PK760	
1105		43.5	2.34	3.50	PHG ...PJ1105		785	30.9	3.56	5.50	PHG ...PK785	
1110		43.7	2.34	3.50	PHG ...PJ1110		790	31.1	3.56	5.50	PHG ...PK790	
1120		44.1	2.34	3.50	PHG ...PJ1120		800	31.5	3.56	5.50	PHG ...PK800	
1130		44.5	2.34	3.50	PHG ...PJ1130		820	32.3	3.56	5.50	PHG ...PK820	
1150		45.3	2.34	3.50	PHG ...PJ1150		840	33.1	3.56	5.50	PHG ...PK840	
1160		45.7	2.34	3.50	PHG ...PJ1160		850	33.5	3.56	5.50	PHG ...PK850	
1190		46.9	2.34	3.50	PHG ...PJ1190		865	34.1	3.56	5.50	PHG ...PK865	
1200		47.3	2.34	3.50	PHG ...PJ1200	870	34.3	3.56	5.50	PHG ...PK870		
1220		48.0	2.34	3.50	PHG ...PJ1220	885	34.8	3.56	5.50	PHG ...PK885		
						890	35.0	3.56	5.50	PHG ...PK890		
						900	35.4	3.56	5.50	PHG ...PK900		

Non-standard lengths are also available.
To complete designation add number of ribs. For example PHG 4PJ1320.



Section	Dimensions				Designation
	Effective length		w	h	
—	mm	in.	mm		—
PK	910	35.8	3.56	5.50	PHG ...PK910
	925	36.4	3.56	5.50	PHG ...PK925
	940	37.0	3.56	5.50	PHG ...PK940
	945	37.2	3.56	5.50	PHG ...PK945
	950	37.4	3.56	5.50	PHG ...PK950
	960	37.8	3.56	5.50	PHG ...PK960
	970	38.2	3.56	5.50	PHG ...PK970
	980	38.6	3.56	5.50	PHG ...PK980
	990	39.0	3.56	5.50	PHG ...PK990
	1000	39.4	3.56	5.50	PHG ...PK1000
	1010	39.8	3.56	5.50	PHG ...PK1010
	1015	40.0	3.56	5.50	PHG ...PK1015
	1020	40.2	3.56	5.50	PHG ...PK1020
	1040	40.9	3.56	5.50	PHG ...PK1040
	1050	41.3	3.56	5.50	PHG ...PK1050
	1060	41.7	3.56	5.50	PHG ...PK1060
	1075	42.3	3.56	5.50	PHG ...PK1075
	1080	42.5	3.56	5.50	PHG ...PK1080
	1090	42.9	3.56	5.50	PHG ...PK1090
	1100	43.3	3.56	5.50	PHG ...PK1100
	1120	44.1	3.56	5.50	PHG ...PK1120
	1130	44.5	3.56	5.50	PHG ...PK1130
	1140	44.9	3.56	5.50	PHG ...PK1140
	1150	45.3	3.56	5.50	PHG ...PK1150
	1160	45.7	3.56	5.50	PHG ...PK1160
	1170	46.1	3.56	5.50	PHG ...PK1170
	1180	46.5	3.56	5.50	PHG ...PK1180
	1190	46.9	3.56	5.50	PHG ...PK1190
	1200	47.3	3.56	5.50	PHG ...PK1200
	1220	48.0	3.56	5.50	PHG ...PK1220
	1240	48.8	3.56	5.50	PHG ...PK1240
	1260	49.6	3.56	5.50	PHG ...PK1260
	1280	50.4	3.56	5.50	PHG ...PK1280
	1300	51.2	3.56	5.50	PHG ...PK1300
	1320	52.0	3.56	5.50	PHG ...PK1320
	1340	52.8	3.56	5.50	PHG ...PK1340
	1360	53.5	3.56	5.50	PHG ...PK1360
	1380	54.3	3.56	5.50	PHG ...PK1380
	1400	55.1	3.56	5.50	PHG ...PK1400
	1420	55.9	3.56	5.50	PHG ...PK1420
	1440	56.7	3.56	5.50	PHG ...PK1440
	1460	57.5	3.56	5.50	PHG ...PK1460
	1480	58.3	3.56	5.50	PHG ...PK1480
	1500	59.1	3.56	5.50	PHG ...PK1500
	1520	59.8	3.56	5.50	PHG ...PK1520
	1540	60.6	3.56	5.50	PHG ...PK1540
	1560	61.4	3.56	5.50	PHG ...PK1560
	1580	62.2	3.56	5.50	PHG ...PK1580
	1600	63.0	3.56	5.50	PHG ...PK1600
	1620	63.8	3.56	5.50	PHG ...PK1620
	1640	64.6	3.56	5.50	PHG ...PK1640
	1660	65.4	3.56	5.50	PHG ...PK1660
	1680	66.1	3.56	5.50	PHG ...PK1680
	1690	66.5	3.56	5.50	PHG ...PK1690
	1710	67.3	3.56	5.50	PHG ...PK1710

Section	Dimensions		Designation		
	Effective length		w	h	
—	mm	in.	mm		—
PK	1720	67.7	3.56	5.50	PHG ...PK1720
	1770	69.7	3.56	5.50	PHG ...PK1770
	1780	70.1	3.56	5.50	PHG ...PK1780
	1800	70.9	3.56	5.50	PHG ...PK1800
	1830	72.0	3.56	5.50	PHG ...PK1830
	1865	73.4	3.56	5.50	PHG ...PK1865
	1880	74.0	3.56	5.50	PHG ...PK1880
	1900	74.8	3.56	5.50	PHG ...PK1900
	1950	76.8	3.56	5.50	PHG ...PK1950
	1980	78.0	3.56	5.50	PHG ...PK1980
	2020	79.5	3.56	5.50	PHG ...PK2020
	2080	81.9	3.56	5.50	PHG ...PK2080
	2100	82.7	3.56	5.50	PHG ...PK2100
	2110	83.1	3.56	5.50	PHG ...PK2110
	2130	83.9	3.56	5.50	PHG ...PK2130
	2210	87.0	3.56	5.50	PHG ...PK2210
	2230	87.8	3.56	5.50	PHG ...PK2230
	2250	88.6	3.56	5.50	PHG ...PK2250
	2300	90.6	3.56	5.50	PHG ...PK2300
	2330	91.7	3.56	5.50	PHG ...PK2330
	2420	95.3	3.56	5.50	PHG ...PK2420
PL	1075	42.5	4.70	7.00	PHG ...PL1075
	1270	50.0	4.70	7.00	PHG ...PL1270
	1333	52.5	4.70	7.00	PHG ...PL1333
	1371	54.0	4.70	7.00	PHG ...PL1371
	1397	55.0	4.70	7.00	PHG ...PL1397
	1422	56.0	4.70	7.00	PHG ...PL1422
	1562	61.5	4.70	7.00	PHG ...PL1562
	1613	63.5	4.70	7.00	PHG ...PL1613
	1664	65.5	4.70	7.00	PHG ...PL1664
	1715	67.5	4.70	7.00	PHG ...PL1715
	1764	69.5	4.70	7.00	PHG ...PL1764
	1803	71.0	4.70	7.00	PHG ...PL1803
	1841	72.5	4.70	7.00	PHG ...PL1841
	1943	76.5	4.70	7.00	PHG ...PL1943
	1981	78.0	4.70	7.00	PHG ...PL1981
	2020	79.5	4.70	7.00	PHG ...PL2020
	2070	81.5	4.70	7.00	PHG ...PL2070
	2096	82.5	4.70	7.00	PHG ...PL2096
	2134	84.0	4.70	7.00	PHG ...PL2134
	2197	86.5	4.70	7.00	PHG ...PL2197
	2235	88.0	4.70	7.00	PHG ...PL2235
	2324	91.5	4.70	7.00	PHG ...PL2324
	2362	93.0	4.70	7.00	PHG ...PL2362
	2476	97.5	4.70	7.00	PHG ...PL2476
	2515	99.0	4.70	7.00	PHG ...PL2515
	2705	106.5	4.70	7.00	PHG ...PL2705
	2743	108.0	4.70	7.00	PHG ...PL2743
	2845	112.0	4.70	7.00	PHG ...PL2845
	2895	114.0	4.70	7.00	PHG ...PL2895
	2921	115.0	4.70	7.00	PHG ...PL2921
	2997	116.0	4.70	7.00	PHG ...PL2997
	3086	121.5	4.70	7.00	PHG ...PL3086
	3124	123.0	4.70	7.00	PHG ...PL3124

Non-standard lengths are also available.
To complete designation add number of ribs. For example PHG 4PJ1320.

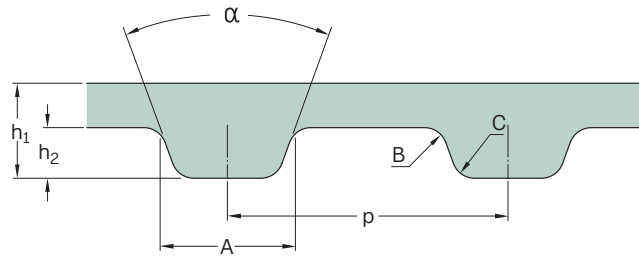
Ribbed belts

PL | PM

Section	Dimensions		Designation		
	Effective length		w	h	
—	mm	in.	mm		—
PL	3 289	129.5	4.70	7.00	PHG ...PL3289
	3 327	131.0	4.70	7.00	PHG ...PL3327
	3 492	137.5	4.70	7.00	PHG ...PL3492
	3 696	145.5	4.70	7.00	PHG ...PL3696
	4 051	159.5	4.70	7.00	PHG ...PL4051
PM	2 693	106.0	9.40	13.00	PHG ...PM2693
	2 832	111.5	9.40	13.00	PHG ...PM2832
	2 921	115.0	9.40	13.00	PHG ...PM2921
	3 010	118.5	9.40	13.00	PHG ...PM3010
	3 124	123.0	9.40	13.00	PHG ...PM3124
	3 327	131.0	9.40	13.00	PHG ...PM3327
	3 531	139.0	9.40	13.00	PHG ...PM3531
	3 734	147.0	9.40	13.00	PHG ...PM3734
	4 089	161.0	9.40	13.00	PHG ...PM4089
	4 191	165.0	9.40	13.00	PHG ...PM4191
	4 470	176.0	9.40	13.00	PHG ...PM4470
	4 648	183.0	9.40	13.00	PHG ...PM4648

Non-standard lengths are also available.
To complete designation add number of ribs. For example PHG 4PJ1320.

Classical timing belts
MXL



Section	Number of teeth	Dimensions									Designation
		Pitch length									
				h_1	h_2	A	B	p	C	α	
—	—	in.	mm							°	—
MXL	26	2.08	52.83	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 208-MXL-...
	27	2.16	54.86	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 216-MXL-...
	33	2.64	67.06	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 264-MXL-...
	35	2.80	71.12	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 280-MXL-...
	40	3.20	81.28	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 320-MXL-...
	43	3.44	87.38	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 344-MXL-...
	45	3.60	91.44	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 360-MXL-...
	49	3.92	99.57	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 392-MXL-...
	50	4.00	101.60	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 400-MXL-...
	51	4.08	103.63	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 408-MXL-...
	52	4.16	105.66	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 416-MXL-...
	53	4.24	107.70	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 424-MXL-...
	54	4.32	109.73	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 432-MXL-...
	55	4.40	111.76	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 440-MXL-...
	56	4.48	113.79	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 448-MXL-...
	58	4.64	117.86	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 464-MXL-...
	59	4.72	119.89	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 472-MXL-...
	60	4.80	121.92	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 480-MXL-...
	61	4.88	123.95	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 488-MXL-...
	62	4.96	125.98	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 496-MXL-...
	63	5.04	128.02	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 504-MXL-...
	64	5.12	130.05	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 512-MXL-...
	65	5.20	132.08	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 520-MXL-...
	66	5.28	134.11	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 528-MXL-...
	67	5.36	136.14	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 536-MXL-...
	68	5.44	138.18	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 544-MXL-...
	70	5.60	142.24	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 560-MXL-...
	71	5.68	144.27	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 568-MXL-...
	72	5.76	146.30	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 576-MXL-...
	73	5.84	148.34	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 584-MXL-...
	75	6.00	152.40	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 600-MXL-...
	76	6.08	154.43	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 608-MXL-...
	77	6.16	156.46	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 616-MXL-...
	78	6.24	158.50	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 624-MXL-...
	79	6.32	160.53	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 632-MXL-...
	80	6.40	162.56	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 640-MXL-...
	82	6.56	166.62	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 656-MXL-...
	83	6.64	168.66	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 664-MXL-...
	85	6.80	172.72	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 680-MXL-...
	87	6.96	176.78	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 696-MXL-...
	88	7.04	178.82	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 704-MXL-...
	89	7.12	180.85	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 712-MXL-...
	90	7.20	182.88	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 720-MXL-...
	92	7.36	186.94	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 736-MXL-...
	94	7.52	191.01	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 752-MXL-...
	95	7.60	193.04	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 760-MXL-...
	97	7.76	197.10	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 776-MXL-...
	98	7.84	199.14	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 784-MXL-...
	100	8.00	203.20	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 800-MXL-...
	102	8.16	207.26	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 816-MXL-...
	103	8.24	209.30	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 824-MXL-...
	105	8.40	213.36	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 840-MXL-...
	106	8.48	215.39	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 848-MXL-...
	108	8.64	219.46	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 864-MXL-...
	109	8.72	221.49	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 872-MXL-...

Non-standard lengths may also be available.

To complete designation, add three digits for belt width in 1/100ths of an inch; e.g. for a 1/4" width add 025 or for a 3/8" width add 037.

Full sleeves are available in various widths. Please contact your SKF Authorized Distributor.

Classical timing belts

MXL

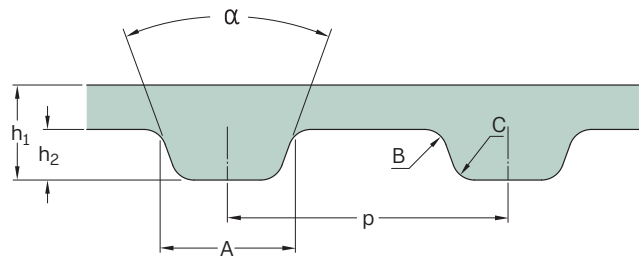
Section	Number of teeth	Dimensions		h ₁	h ₂	A	B	p	C	α	Designation
		Pitch length	Pitch length								
—	—	in.	mm							°	—
MXL	110	8.80	223.52	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 880-MXL-...
	112	8.96	227.58	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 896-MXL-...
	113	9.04	229.62	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 904-MXL-...
	114	9.12	231.65	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 912-MXL-...
	115	9.20	233.68	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 920-MXL-...
	116	9.28	235.71	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 928-MXL-...
	118	9.44	239.78	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 944-MXL-...
	120	9.60	243.84	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 960-MXL-...
	122	9.76	247.90	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 976-MXL-...
	123	9.84	249.94	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 984-MXL-...
	125	10.00	254.00	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1000-MXL-...
	126	10.08	256.03	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1008-MXL-...
	132	10.56	268.22	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1056-MXL-...
	133	10.64	270.26	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1064-MXL-...
	135	10.80	274.32	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1080-MXL-...
	136	10.88	276.35	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1088-MXL-...
	137	10.96	278.38	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1096-MXL-...
	138	11.04	280.42	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1104-MXL-...
	139	11.12	282.45	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1112-MXL-...
	140	11.20	284.48	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1120-MXL-...
	142	11.36	288.54	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1136-MXL-...
	144	11.52	292.61	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1152-MXL-...
	145	11.60	294.64	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1160-MXL-...
	148	11.84	300.74	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1184-MXL-...
	149	11.92	302.77	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1192-MXL-...
	150	12.00	304.80	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1200-MXL-...
	152	12.16	308.86	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1216-MXL-...
	153	12.24	310.90	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1224-MXL-...
	154	12.32	312.93	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1232-MXL-...
	155	12.40	314.96	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1240-MXL-...
	156	12.48	316.99	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1248-MXL-...
	158	12.64	321.06	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1264-MXL-...
	160	12.80	325.12	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1280-MXL-...
	162	12.96	329.18	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1296-MXL-...
	165	13.20	335.28	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1320-MXL-...
	168	13.44	341.38	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1344-MXL-...
	170	13.60	345.44	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1360-MXL-...
	175	14.00	355.60	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1400-MXL-...
	180	14.40	365.76	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1440-MXL-...
	184	14.72	373.89	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1472-MXL-...
	190	15.20	386.08	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1520-MXL-...
	192	15.36	390.14	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1536-MXL-...
	194	15.52	394.21	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1552-MXL-...
	195	15.60	396.24	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1560-MXL-...
	200	16.00	406.40	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1600-MXL-...
	206	16.48	418.59	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1648-MXL-...
	210	16.80	426.72	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1680-MXL-...
	212	16.96	430.78	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1696-MXL-...
	221	17.68	449.07	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1768-MXL-...
	225	18.00	457.20	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1800-MXL-...
	228	18.20	462.28	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1820-MXL-...
	232	18.56	471.42	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1856-MXL-...
	236	18.88	479.55	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1888-MXL-...
	239	19.12	485.65	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1912-MXL-...
	240	19.20	487.68	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1920-MXL-...
	249	19.92	505.97	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 1992-MXL-...
	250	20.00	508.00	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 2000-MXL-...
	256	20.48	520.19	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 2048-MXL-...
	265	21.20	538.48	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 2120-MXL-...
	273	21.84	554.74	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 2184-MXL-...
	276	22.08	560.83	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 2208-MXL-...
	280	22.40	568.96	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 2240-MXL-...
	290	23.20	589.28	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 2320-MXL-...
	295	23.60	599.44	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 2360-MXL-...
	298	23.84	605.54	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 2384-MXL-...
	300	24.00	609.60	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 2400-MXL-...
	305	24.40	619.76	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 2440-MXL-...
	312	24.96	633.98	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 2496-MXL-...
	318	25.44	646.18	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 2544-MXL-...
	320	25.60	650.24	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 2560-MXL-...
	328	26.24	666.50	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 2624-MXL-...
	336	26.88	682.75	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 2688-MXL-...
	347	27.76	705.10	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 2776-MXL-...
	362	28.96	735.58	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 2896-MXL-...
	378	30.24	768.10	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 3024-MXL-...

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Classical timing belts
MXL



Section	Number of teeth	Dimensions									Designation
		Pitch length		h_1	h_2	A	B	p	C	α	
—	—	in.	mm							°	—
MXL	400	32.00	812.80	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 3200-MXL-...
	408	32.64	829.06	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 3264-MXL-...
	448	35.84	910.34	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 3584-MXL-...
	463	37.04	940.82	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 3704-MXL-...
	472	37.76	959.10	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 3776-MXL-...
	504	40.32	1024.13	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 4032-MXL-...
	522	41.76	1060.70	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 4176-MXL-...
	531	42.48	1078.99	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 4248-MXL-...
	546	43.68	1109.47	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 4368-MXL-...
	548	43.84	1113.54	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 4384-MXL-...
	570	45.60	1158.24	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 4560-MXL-...
	583	46.64	1184.66	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 4664-MXL-...
	600	48.00	1219.20	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 4800-MXL-...
	648	51.84	1316.74	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 5184-MXL-...
	680	54.40	1381.76	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 5440-MXL-...
	750	60.00	1524.00	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 6000-MXL-...
	760	60.80	1544.32	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 6080-MXL-...
	800	64.00	1625.60	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 6400-MXL-...
	955	76.40	1940.56	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 7640-MXL-...
	957	76.56	1944.62	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 7656-MXL-...
	1012	80.96	2056.38	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 8096-MXL-...
	1030	82.40	2092.96	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 8240-MXL-...
	1060	84.80	2153.92	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 8480-MXL-...
	1137	90.96	2310.38	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 9096-MXL-...
	1250	100.00	2540.00	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 10000-MXL-...
	1426	114.12	2898.65	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 11412-MXL-...
	1463	117.00	2971.80	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 11700-MXL-...
	1516	121.32	3081.53	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 12132-MXL-...
	1806	145.52	3696.21	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 14552-MXL-...
	1875	150.00	3810.00	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 15000-MXL-...
	2044	163.55	4154.17	1.14	0.51	1.14	0.13	2.032	0.13	40	PHG 16355-MXL-...
XL	22	4.40	111.76	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 44-XL-...
	28	5.60	142.24	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 56-XL-...
	30	6.00	152.40	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 60-XL-...
	35	7.00	177.80	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 70-XL-...
	36	7.20	182.88	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 72-XL-...
	37	7.40	187.96	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 74-XL-...
	38	7.60	193.04	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 76-XL-...
	40	8.00	203.20	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 80-XL-...
	41	8.20	208.28	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 82-XL-...
	42	8.40	213.36	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 84-XL-...
	43	8.60	218.44	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 86-XL-...
	44	8.80	223.52	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 88-XL-...
	45	9.00	228.60	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 90-XL-...
	46	9.20	233.68	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 92-XL-...
	47	9.40	238.76	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 94-XL-...
	48	9.60	243.84	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 96-XL-...
	49	9.80	248.92	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 98-XL-...
	50	10.00	254.00	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 100-XL-...
	51	10.20	259.08	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 102-XL-...
	52	10.40	264.16	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 104-XL-...
	53	10.60	269.24	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 106-XL-...
	54	10.80	274.32	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 108-XL-...
	55	11.00	279.40	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 110-XL-...
	56	11.20	284.48	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 112-XL-...
	57	11.40	289.56	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 114-XL-...

Non-standard lengths may also be available.

To complete designation, add three digits for belt width in 1/100ths of an inch; e.g. for a 1/4" width add 025 or for a 3/8" width add 037.

Full sleeves are available in various widths. Please contact your SKF Authorized Distributor.

Classical timing belts

XL

Section	Number of teeth	Dimensions		h ₁	h ₂	A	B	p	C	α	Designation
		Pitch length									
–	–	in.	mm							°	–
XL	58	11.60	294.64	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 116-XL-...
	59	11.80	299.72	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 118-XL-...
	60	12.00	304.80	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 120-XL-...
	61	12.20	309.88	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 122-XL-...
	62	12.40	314.96	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 124-XL-...
	63	12.60	320.04	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 126-XL-...
	64	12.80	325.12	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 128-XL-...
	65	13.00	330.20	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 130-XL-...
	66	13.20	335.28	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 132-XL-...
	67	13.40	340.36	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 134-XL-...
	68	13.60	345.44	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 136-XL-...
	70	14.00	355.60	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 140-XL-...
	71	14.20	360.68	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 142-XL-...
	72	14.40	365.76	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 144-XL-...
	73	14.60	370.84	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 146-XL-...
	74	14.80	375.92	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 148-XL-...
	75	15.00	381.00	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 150-XL-...
	76	15.20	386.08	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 152-XL-...
	77	15.40	391.16	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 154-XL-...
	78	15.60	396.24	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 156-XL-...
	80	16.00	406.40	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 160-XL-...
	81	16.20	411.48	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 162-XL-...
	82	16.40	416.56	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 164-XL-...
	83	16.60	421.64	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 166-XL-...
	84	16.80	426.72	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 168-XL-...
	85	17.00	431.80	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 170-XL-...
	86	17.20	436.88	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 172-XL-...
	88	17.60	447.04	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 176-XL-...
	89	17.80	452.12	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 178-XL-...
	90	18.00	457.20	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 180-XL-...
	91	18.20	462.28	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 182-XL-...
	92	18.40	467.36	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 184-XL-...
	93	18.60	472.44	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 186-XL-...
	94	18.80	477.52	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 188-XL-...
	95	19.00	482.60	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 190-XL-...
	96	19.20	487.68	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 192-XL-...
	97	19.40	492.76	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 194-XL-...
	98	19.60	497.84	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 196-XL-...
	99	19.80	502.92	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 198-XL-...
	100	20.00	508.00	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 200-XL-...
	101	20.20	513.08	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 202-XL-...
	103	20.60	523.24	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 206-XL-...
	104	20.80	528.32	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 208-XL-...
	105	21.00	533.40	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 210-XL-...
	106	21.20	538.48	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 212-XL-...
	107	21.40	543.56	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 214-XL-...
	109	21.80	553.72	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 218-XL-...
	110	22.00	558.80	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 220-XL-...
	113	22.60	574.04	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 226-XL-...
	114	22.80	579.12	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 228-XL-...
	115	23.00	584.20	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 230-XL-...
	117	23.40	594.36	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 234-XL-...
	118	23.60	599.44	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 236-XL-...
	120	24.00	609.60	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 240-XL-...
	124	24.80	629.92	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 248-XL-...
	125	25.00	635.00	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 250-XL-...
	128	25.60	650.24	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 256-XL-...
	130	26.00	660.40	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 260-XL-...
	132	26.40	670.56	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 264-XL-...
	135	27.00	685.80	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 270-XL-...
	137	27.40	695.96	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 274-XL-...
	138	27.60	701.04	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 276-XL-...
	140	28.00	711.20	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 280-XL-...
	141	28.20	716.28	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 282-XL-...
	143	28.60	726.44	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 286-XL-...
	145	29.00	736.60	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 290-XL-...
	150	30.00	762.00	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 300-XL-...
	152	30.40	772.16	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 304-XL-...
	153	30.60	777.24	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 306-XL-...
	155	31.00	787.40	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 310-XL-...
	158	31.60	802.64	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 316-XL-...
	160	32.00	812.80	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 320-XL-...
	161	32.20	817.88	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 322-XL-...
	163	32.60	828.04	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 326-XL-...
	165	33.00	838.20	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 330-XL-...
	170	34.00	863.60	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 340-XL-...

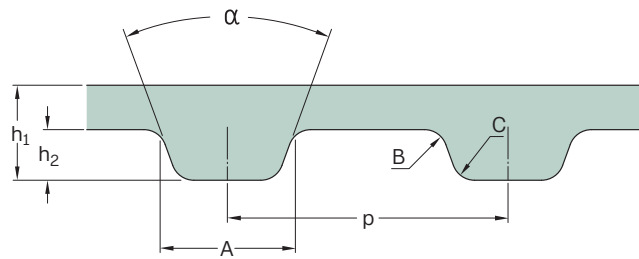
Non-standard lengths may also be available.

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Classical timing belts

XL | L



Section	Number of teeth	Dimensions		h ₁	h ₂	A	B	p	C	α	Designation
		Pitch length									
—	—	in.	mm							°	—
XL	172	34.40	873.76	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 344-XL-...
	174	34.80	883.92	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 348-XL-...
	176	35.20	894.08	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 352-XL-...
	178	35.60	904.24	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 356-XL-...
	180	36.00	914.40	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 360-XL-...
	181	36.20	919.48	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 362-XL-...
	182	36.40	924.56	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 364-XL-...
	186	37.20	944.88	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 372-XL-...
	188	37.60	955.04	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 376-XL-...
	190	38.00	965.20	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 380-XL-...
	192	38.40	975.36	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 384-XL-...
	195	39.00	990.60	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 390-XL-...
	196	39.20	995.68	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 392-XL-...
	200	40.00	1016.00	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 400-XL-...
	206	41.20	1046.48	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 412-XL-...
	207	41.40	1051.56	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 414-XL-...
	212	42.40	1076.96	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 424-XL-...
	215	43.00	1092.20	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 430-XL-...
	216	43.20	1097.28	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 432-XL-...
	217	43.40	1102.36	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 434-XL-...
	225	45.00	1143.00	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 450-XL-...
	230	46.00	1168.40	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 460-XL-...
	240	48.00	1219.20	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 480-XL-...
	245	49.00	1244.60	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 490-XL-...
	246	49.20	1249.68	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 492-XL-...
	257	51.40	1305.56	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 514-XL-...
	280	56.00	1422.40	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 560-XL-...
	282	56.40	1432.56	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 564-XL-...
	290	58.00	1473.20	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 580-XL-...
	306	61.20	1554.48	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 612-XL-...
	315	63.00	1600.20	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 630-XL-...
	335	67.00	1701.80	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 670-XL-...
	336	67.20	1706.88	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 672-XL-...
	343	68.60	1742.44	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 686-XL-...
	355	71.00	1803.40	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 710-XL-...
	360	72.00	1828.80	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 720-XL-...
	368	73.60	1869.44	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 736-XL-...
	394	78.80	2 001.52	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 788-XL-...
	430	86.00	2 184.40	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 860-XL-...
	516	103.20	2 621.28	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 1032-XL-...
	610	122.00	3 098.80	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 1220-XL-...
	650	130.00	3 302.00	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 1300-XL-...
	747	149.40	3 794.76	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 1494-XL-...
	1064	212.80	5 405.12	2.30	1.27	2.57	0.38	5.080	0.38	50	PHG 2128-XL-...
L	18	6.75	171.45	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 67-L-...
	26	9.75	247.65	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 98-L-...
	29	10.88	276.23	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 109-L-...
	30	11.25	285.75	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 113-L-...
	33	12.38	314.33	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 124-L-...
	35	13.13	333.38	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 130-L-...
	36	13.50	342.90	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 135-L-...
	38	14.25	361.95	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 143-L-...
	40	15.00	381.00	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 150-L-...
	41	15.38	390.53	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 154-L-...

Non-standard lengths may also be available.

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Classical timing belts

L

Section	Number of teeth	Dimensions		h ₁	h ₂	A	B	p	C	α	Designation
		Pitch length	Pitch length								
—	—	in.	mm							°	—
L	42	15.75	15.75	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 158-L...
	43	16.13	409.58	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 160-L...
	44	16.50	419.10	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 165-L...
	45	16.88	428.63	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 169-L...
	46	17.25	438.15	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 173-L...
	47	17.63	447.68	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 177-L...
	48	18.00	457.20	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 180-L...
	49	18.38	466.73	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 185-L...
	50	18.75	476.25	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 187-L...
	51	19.13	485.78	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 191-L...
	52	19.50	495.30	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 195-L...
	54	20.25	514.35	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 203-L...
	56	21.00	533.40	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 210-L...
	57	21.38	542.93	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 214-L...
	58	21.75	552.45	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 217-L...
	60	22.50	571.50	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 225-L...
	62	23.25	590.55	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 232-L...
	63	23.60	599.44	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 236-L...
	64	24.00	609.60	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 240-L...
	65	24.38	619.13	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 244-L...
	68	25.50	647.70	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 255-L...
	69	25.80	655.32	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 258-L...
	70	26.25	666.75	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 263-L...
	71	26.63	676.28	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 265-L...
	72	27.00	685.80	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 270-L...
	73	27.38	695.33	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 275-L...
	74	27.75	704.85	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 277-L...
	75	28.13	714.38	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 280-L...
	76	28.50	723.90	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 285-L...
	80	30.00	762.00	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 300-L...
	81	30.38	771.53	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 304-L...
	84	31.50	800.10	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 315-L...
	85	31.88	809.63	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 320-L...
	86	32.25	819.15	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 322-L...
	87	32.63	828.68	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 328-L...
	88	33.00	838.20	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 330-L...
	89	33.38	847.73	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 334-L...
	90	33.75	857.25	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 337-L...
	91	34.13	866.78	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 341-L...
	92	34.50	876.30	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 345-L...
	94	35.25	895.35	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 352-L...
	96	36.00	914.40	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 360-L...
	98	36.75	933.45	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 367-L...
	99	37.13	942.98	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 371-L...
	100	37.50	952.50	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 375-L...
	102	38.25	971.55	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 382-L...
	103	38.63	981.08	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 387-L...
	104	39.00	990.60	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 390-L...
	105	39.38	1000.13	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 394-L...
	106	39.75	1009.65	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 397-L...
	108	40.50	1028.70	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 405-L...
	109	40.88	1038.23	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 408-L...
	110	41.25	1047.75	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 412-L...
	112	42.00	1066.80	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 420-L...
	114	42.75	1085.85	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 427-L...
	116	43.50	1104.90	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 435-L...
	117	43.88	1114.43	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 439-L...
	119	44.20	1122.68	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 442-L...
	120	45.00	1143.00	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 450-L...
	121	45.38	1152.53	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 453-L...
	123	46.13	1171.70	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 461-L...
	124	46.50	1181.10	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 465-L...
	128	48.00	1219.20	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 480-L...
	132	49.50	1257.30	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 495-L...
	133	50.00	1270.00	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 500-L...
	136	51.00	1295.40	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 510-L...
	138	51.80	1315.72	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 518-L...
	140	52.50	1333.50	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 525-L...
	144	54.00	1371.60	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 540-L...
	148	55.50	1409.70	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 555-L...
	148	54.80	1391.92	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 548-L...
	152	57.00	1447.80	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 570-L...
	153	57.38	1457.33	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 574-L...
	155	58.13	1476.38	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 581-L...
	156	58.50	1485.90	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 585-L...

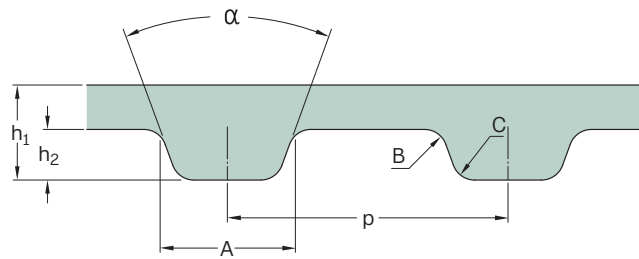
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Classical timing belts

L | H



Section	Number of teeth	Dimensions		h ₁	h ₂	A	B	p	C	α	Designation
		Pitch length									
—	—	in.	mm							°	—
L	160	60.00	1524.00	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 600-L-...
	165	61.88	1571.63	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 619-L-...
	168	63.00	1600.20	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 630-L-...
	169	63.38	1609.73	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 634-L-...
	176	66.00	1676.40	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 660-L-...
	185	69.38	1762.13	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 694-L-...
	186	69.75	1771.65	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 697-L-...
	187	70.13	1781.30	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 701-L-...
	192	72.00	1828.80	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 720-L-...
	194	72.75	1847.85	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 728-L-...
	195	73.13	1857.38	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 731-L-...
	204	76.50	1943.10	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 765-L-...
	218	81.75	2076.45	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 817-L-...
	224	84.00	2133.60	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 840-L-...
	228	85.50	2171.70	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 855-L-...
	230	86.25	2190.75	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 863-L-...
	232	87.00	2209.80	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 870-L-...
	235	88.13	2238.38	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 881-L-...
	240	90.00	2286.00	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 900-L-...
	244	91.50	2324.10	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 915-L-...
	249	93.38	2371.73	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 934-L-...
	261	98.00	2489.20	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 980-L-...
	274	102.75	2609.85	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 1028-L-...
	306	114.75	2914.65	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 1148-L-...
	318	119.25	3028.95	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 1192-L-...
	375	140.63	3571.88	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 1406-L-...
	378	141.75	3600.45	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 1418-L-...
	447	167.63	4257.68	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 1675-L-...
	530	198.75	5048.25	3.60	1.91	4.65	0.51	9.525	0.51	40	PHG 1998-L-...
	H	29	14.50	368.30	4.30	2.29	6.12	1.02	12.700	1.02	40
37		18.50	469.90	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 185-H-...
40		20.00	508.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 200-H-...
41		20.50	520.70	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 205-H-...
42		21.00	533.40	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 210-H-...
44		22.00	558.80	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 220-H-...
45		22.50	571.50	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 225-H-...
46		23.00	584.20	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 230-H-...
48		24.00	609.60	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 240-H-...
49		24.50	622.30	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 245-H-...
50		25.00	635.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 250-H-...
51		25.50	647.70	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 255-H-...
52		26.00	660.40	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 260-H-...
54		27.00	685.80	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 270-H-...
56		28.00	711.20	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 280-H-...
57		28.50	723.90	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 285-H-...
58		29.00	736.60	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 290-H-...
60		30.00	762.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 300-H-...
62		31.00	787.40	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 310-H-...
63		31.50	800.10	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 315-H-...
64		32.00	812.80	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 320-H-...
65		32.50	825.50	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 325-H-...
66		33.00	838.20	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 330-H-...
67		33.50	850.90	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 335-H-...
68	34.00	863.60	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 340-H-...	

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Classical timing belts

H

Section	Number of teeth	Dimensions		h ₁	h ₂	A	B	p	C	α	Designation
		Pitch length									
—	—	in.	mm							°	—
H	69	34.50	876.30	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 345-H...
	70	35.00	889.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 350-H...
	71	35.50	901.70	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 355-H...
	72	36.00	914.40	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 360-H...
	73	36.50	927.10	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 365-H...
	74	37.00	939.80	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 370-H...
	75	37.50	952.50	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 375-H...
	76	38.00	965.20	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 380-H...
	78	39.00	990.60	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 390-H...
	79	39.50	1003.30	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 395-H...
	80	40.00	1016.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 400-H...
	81	40.50	1028.70	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 405-H...
	82	41.00	1041.40	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 410-H...
	84	42.00	1066.80	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 420-H...
	85	42.50	1079.50	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 425-H...
	86	43.00	1092.20	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 430-H...
	89	44.50	1130.30	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 445-H...
	90	45.00	1143.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 450-H...
	91	45.50	1155.70	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 455-H...
	92	46.00	1168.40	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 460-H...
	93	46.50	1181.10	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 465-H...
	96	48.00	1219.20	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 480-H...
	97	48.50	1231.90	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 485-H...
	98	49.00	1244.60	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 490-H...
	100	50.00	1270.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 500-H...
	102	51.00	1295.40	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 510-H...
	103	51.50	1308.10	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 515-H...
	104	52.00	1320.80	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 520-H...
	105	52.50	1333.50	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 525-H...
	106	53.00	1346.20	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 530-H...
	107	53.50	1358.90	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 535-H...
	108	54.00	1371.60	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 540-H...
	110	55.00	1397.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 550-H...
	111	55.50	1409.70	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 555-H...
	112	56.00	1422.40	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 560-H...
	113	56.50	1435.10	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 565-H...
	114	57.00	1447.80	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 570-H...
	116	58.00	1473.20	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 580-H...
	117	58.50	1485.90	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 585-H...
	118	59.00	1498.60	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 590-H...
	120	60.00	1524.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 600-H...
	121	60.50	1536.70	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 605-H...
	122	61.00	1549.40	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 610-H...
	125	62.50	1587.50	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 625-H...
	126	63.00	1600.20	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 630-H...
	128	64.00	1625.60	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 640-H...
	130	65.00	1651.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 650-H...
	132	66.00	1676.40	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 660-H...
	134	67.00	1701.80	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 670-H...
	136	68.00	1727.20	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 680-H...
	138	69.00	1752.60	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 690-H...
	139	69.50	1765.30	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 695-H...
	140	70.00	1778.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 700-H...
	142	71.00	1803.40	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 710-H...
	144	72.00	1828.80	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 720-H...
	145	72.50	1841.50	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 725-H...
	146	73.00	1854.20	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 730-H...
	148	74.00	1879.60	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 740-H...
	150	75.00	1905.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 750-H...
	154	77.00	1955.80	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 770-H...
	155	77.50	1968.50	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 775-H...
	157	78.50	1993.90	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 785-H...
	160	80.00	2032.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 800-H...
	162	81.00	2057.40	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 810-H...
	164	82.00	2082.80	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 820-H...
	166	83.00	2108.20	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 830-H...
	168	84.00	2133.60	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 840-H...
	170	85.00	2159.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 850-H...
	172	86.00	2184.40	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 860-H...
	176	88.00	2235.20	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 880-H...
	179	89.50	2273.30	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 895-H...
	180	90.00	2286.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 900-H...
	184	92.00	2336.80	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 920-H...
	186	93.00	2362.20	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 930-H...
	190	95.00	2413.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 950-H...

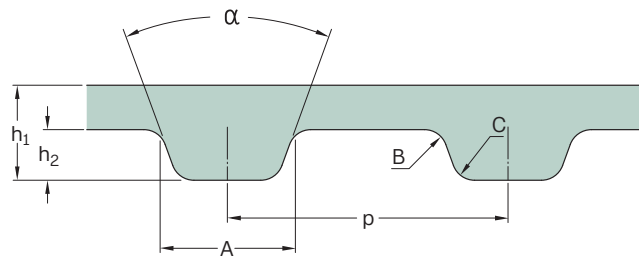
Non-standard lengths may also be available.

To complete designation, add three digits for belt width in 1/100ths of an inch; e.g. for a 1/4" width add 025 or for a 3/8" width add 037.

Full sleeves are available in various widths. Please contact your SKF Authorized Distributor.

Classical timing belts

H | XH



Section	Number of teeth	Dimensions									Designation
		Pitch length									
				h ₁	h ₂	A	B	p	C	α	
—	—	in.	mm							°	—
H	192	96.00	2 438.40	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 960-H-...
	196	98.00	2 489.20	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 980-H-...
	197	98.50	2 501.90	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 985-H-...
	200	100.00	2 540.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1000-H-...
	204	102.00	2 590.80	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1020-H-...
	206	103.00	2 616.20	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1030-H-...
	210	105.00	2 667.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1050-H-...
	217	108.50	2 755.90	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1085-H-...
	220	110.00	2 794.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1100-H-...
	224	112.00	2 844.80	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1120-H-...
	228	114.00	2 895.60	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1140-H-...
	230	115.00	2 921.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1150-H-...
	234	117.00	2 971.80	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1170-H-...
	235	117.50	2 984.50	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1175-H-...
	240	120.00	3 048.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1200-H-...
	250	125.00	3 175.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1250-H-...
	252	126.00	3 200.40	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1260-H-...
	254	127.00	3 225.80	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1270-H-...
	265	132.50	3 365.50	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1325-H-...
	270	135.00	3 429.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1350-H-...
	272	136.00	3 454.40	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1360-H-...
	276	138.00	3 505.20	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1380-H-...
	280	140.00	3 556.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1400-H-...
	288	144.00	3 657.60	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1440-H-...
	290	145.00	3 683.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1450-H-...
	292	146.00	3 708.40	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1460-H-...
	302	151.00	3 835.40	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1510-H-...
	307	153.50	3 898.90	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1535-H-...
	310	155.00	3 937.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1550-H-...
	312	156.00	3 962.40	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1560-H-...
	320	160.00	4 064.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1600-H-...
	326	163.00	4 140.20	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1630-H-...
	332	166.00	4 216.40	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1660-H-...
	336	168.00	4 267.20	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1680-H-...
	340	170.00	4 318.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1700-H-...
	350	175.00	4 445.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1750-H-...
	353	176.50	4 483.10	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1765-H-...
	371	185.50	4 711.70	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 1855-H-...
	402	201.00	5 105.40	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 2010-H-...
	410	205.00	5 207.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 2050-H-...
	440	220.00	5 588.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 2200-H-...
	442	221.00	5 613.40	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 2210-H-...
	472	236.00	5 994.40	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 2360-H-...
	500	250.00	6 350.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 2500-H-...
	520	260.00	6 604.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 2600-H-...
	536	268.00	6 807.20	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 2680-H-...
	540	270.00	6 858.00	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 2700-H-...
	544	272.00	6 908.80	4.30	2.29	6.12	1.02	12.700	1.02	40	PHG 2720-H-...
XH	53	46.38	1 117.93	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 463-XH-...
	58	50.75	1 289.05	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 507-XH-...
	58	50.80	1 290.32	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 508-XH-...
	64	56.00	1 422.40	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 560-XH-...
	65	56.88	1 444.63	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 570-XH-...

Non-standard lengths may also be available.

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Classical timing belts

XH | XXH

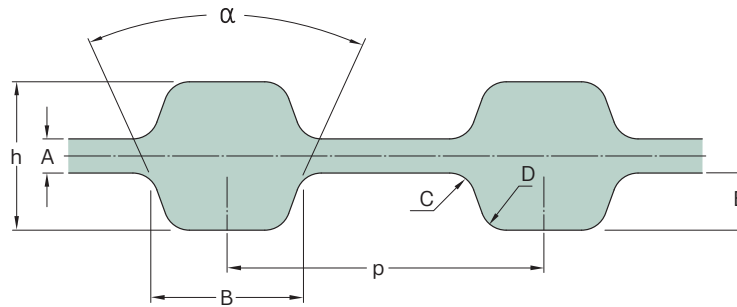
Section	Number of teeth	Dimensions		h ₁	h ₂	A	B	p	C	α	Designation
		Pitch length									
–	–	in.	mm							°	–
XH	66	57.55	1466.85	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 580-XH-...
	69	60.38	1533.53	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 604-XH-...
	72	63.00	1600.20	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 630-XH-...
	80	70.00	1778.00	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 700-XH-...
	81	71.00	1803.40	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 710-XH-...
	84	73.50	1866.90	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 735-XH-...
	86	75.25	1911.35	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 752-XH-...
	88	77.00	1955.80	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 770-XH-...
	91	79.63	2022.48	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 800-XH-...
	92	80.50	2044.70	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 805-XH-...
	96	84.00	2133.60	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 840-XH-...
	103	90.13	2289.18	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 901-XH-...
	105	91.88	2333.63	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 919-XH-...
	106	92.75	2355.85	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 927-XH-...
	112	98.00	2489.20	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 980-XH-...
	114	99.75	2533.65	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 1000-XH-...
	128	112.00	2844.80	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 1120-XH-...
	144	126.00	3200.40	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 1260-XH-...
	160	140.00	3556.00	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 1400-XH-...
	176	154.00	3911.60	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 1540-XH-...
	180	157.50	4000.50	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 1575-XH-...
	200	175.00	4445.00	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 1750-XH-...
	214	187.25	4756.15	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 1873-XH-...
	260	227.50	5778.50	11.20	6.35	12.57	1.57	22.225	1.19	40	PHG 2275-XH-...
XXH	50	62.50	1587.50	15.70	9.53	19.05	2.29	31.750	1.52	40	PHG 625-XXH-...
	52	65.00	1651.00	15.70	9.53	19.05	2.29	31.750	1.52	40	PHG 650-XXH-...
	56	70.00	1778.00	15.70	9.53	19.05	2.29	31.750	1.52	40	PHG 700-XXH-...
	64	80.00	2032.00	15.70	9.53	19.05	2.29	31.750	1.52	40	PHG 800-XXH-...
	72	90.00	2286.00	15.70	9.53	19.05	2.29	31.750	1.52	40	PHG 900-XXH-...
	76	95.00	2413.00	15.70	9.53	19.05	2.29	31.750	1.52	40	PHG 950-XXH-...
	80	100.00	2540.00	15.70	9.53	19.05	2.29	31.750	1.52	40	PHG 1000-XXH-...
	84	105.00	2667.00	15.70	9.53	19.05	2.29	31.750	1.52	40	PHG 1050-XXH-...
	96	120.00	3048.00	15.70	9.53	19.05	2.29	31.750	1.52	40	PHG 1200-XXH-...
	100	125.00	3175.00	15.70	9.53	19.05	2.29	31.750	1.52	40	PHG 1250-XXH-...
	112	140.00	3556.00	15.70	9.53	19.05	2.29	31.750	1.52	40	PHG 1400-XXH-...
	125	156.25	3968.75	15.70	9.53	19.05	2.29	31.750	1.52	40	PHG 1563-XXH-...
	128	160.00	4064.00	15.70	9.53	19.05	2.29	31.750	1.52	40	PHG 1600-XXH-...
	136	170.00	4318.00	15.70	9.53	19.05	2.29	31.750	1.52	40	PHG 1700-XXH-...
	144	180.00	4572.00	15.70	9.53	19.05	2.29	31.750	1.52	40	PHG 1800-XXH-...
	154	192.50	4889.50	15.70	9.53	19.05	2.29	31.750	1.52	40	PHG 1925-XXH-...
	160	200.00	5080.00	15.70	9.53	19.05	2.29	31.750	1.52	40	PHG 2000-XXH-...

Non-standard lengths may also be available.

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Double-sided classical timing belts D-XL



Section	Number of teeth per side	Dimensions		h	A	B	C	D	p	E	α	Designation
		Pitch length										
—	—	in.	mm								°	—
D-XL	99	19.80	502.92	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-198-XL-...
	100	20.00	508.00	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-200-XL-...
	101	20.20	513.08	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-202-XL-...
	103	20.60	523.24	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-206-XL-...
	104	20.80	528.32	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-208-XL-...
	105	21.00	533.40	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-210-XL-...
	106	21.20	538.48	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-212-XL-...
	107	21.40	543.56	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-214-XL-...
	109	21.80	553.72	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-218-XL-...
	110	22.00	558.80	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-220-XL-...
	113	22.60	574.04	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-226-XL-...
	114	22.80	579.12	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-228-XL-...
	115	23.00	584.20	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-230-XL-...
	117	23.40	594.36	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-234-XL-...
	118	23.60	599.44	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-236-XL-...
	120	24.00	609.60	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-240-XL-...
	124	24.80	629.92	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-248-XL-...
	125	25.00	635.00	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-250-XL-...
	128	25.60	650.24	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-256-XL-...
	130	26.00	660.40	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-260-XL-...
	132	26.40	670.56	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-264-XL-...
	135	27.00	685.80	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-270-XL-...
	137	27.40	695.96	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-274-XL-...
	138	27.60	701.04	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-276-XL-...
	140	28.00	711.20	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-280-XL-...
	141	28.20	716.28	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-282-XL-...
	143	28.60	726.44	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-286-XL-...
	145	29.00	736.60	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-290-XL-...
	150	30.00	762.00	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-300-XL-...
	152	30.40	772.16	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-304-XL-...
	153	30.60	777.24	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-306-XL-...
	155	31.00	787.40	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-310-XL-...
	158	31.60	802.64	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-316-XL-...
	160	32.00	812.80	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-320-XL-...
	161	32.20	817.88	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-322-XL-...
	163	32.60	828.04	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-326-XL-...
	165	33.00	838.20	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-330-XL-...
	170	34.00	863.60	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-340-XL-...
	172	34.40	873.76	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-344-XL-...
	174	34.80	883.92	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-348-XL-...
	176	35.20	894.08	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-352-XL-...
	178	35.60	904.24	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-356-XL-...
	180	36.00	914.40	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-360-XL-...
	181	36.00	914.40	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-362-XL-...
182	36.40	924.56	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-364-XL-...	
185	37.00	939.80	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-370-XL-...	
186	37.20	944.88	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-372-XL-...	
188	37.60	955.04	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-376-XL-...	
190	38.00	965.20	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-380-XL-...	
192	38.40	975.36	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-384-XL-...	
195	39.00	990.60	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-390-XL-...	
196	39.20	995.68	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-392-XL-...	
200	40.00	1016.00	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-400-XL-...	
206	41.20	1046.48	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-412-XL-...	
207	41.40	1051.56	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-414-XL-...	

Non-standard lengths may also be available.

To complete designation add three digits for belt width in 1/100ths of an inch; e.g. for a 1/4" width add 025 or for a 3/8" width add 037.

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Double-sided classical timing belts

D-XL | D-L

Section	Number of teeth per side	Dimensions		h	A	B	C	D	p	E	α	Designation
		Pitch length	Pitch length									
–	–	in.	mm								°	–
D-XL	212	42.40	1076.96	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-424-XL...
	215	43.00	1092.20	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-430-XL...
	216	43.20	1097.28	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-432-XL...
	217	43.40	1102.36	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-434-XL...
	225	45.00	1143.00	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-450-XL...
	230	46.00	1168.40	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-460-XL...
	240	48.00	1219.20	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-480-XL...
	245	49.00	1244.60	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-490-XL...
	246	49.20	1249.68	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-492-XL...
	257	51.40	1305.56	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-514-XL...
	280	56.00	1422.40	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-560-XL...
	282	56.40	1432.56	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-564-XL...
	283	56.60	1437.64	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-566-XL...
	287	57.40	1457.96	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-574-XL...
	290	58.00	1473.20	3.05	0.51	2.57	0.38	0.38	5.080	1.27	50	PHG D-580-XL...
D-L	54	20.25	514.35	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-203-L...
	56	21.00	533.40	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-210-L...
	57	21.38	542.93	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-214-L...
	58	21.75	552.45	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-217-L...
	60	22.50	571.50	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-225-L...
	62	23.25	590.55	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-232-L...
	63	23.60	599.44	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-236-L...
	64	24.00	609.60	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-240-L...
	65	24.38	619.13	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-244-L...
	68	25.50	647.70	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-255-L...
	69	25.75	654.05	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-258-L...
	70	26.25	666.75	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-263-L...
	71	26.63	676.28	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-265-L...
	72	27.00	685.80	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-270-L...
	73	27.38	695.33	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-275-L...
	74	27.75	704.85	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-277-L...
	75	28.13	714.38	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-280-L...
	76	28.50	723.90	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-285-L...
	80	30.00	762.00	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-300-L...
	81	30.38	771.53	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-304-L...
	84	31.50	800.10	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-315-L...
	85	31.88	809.63	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-320-L...
	86	32.25	819.15	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-322-L...
	87	32.63	828.68	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-328-L...
	88	33.00	838.20	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-330-L...
	89	33.38	847.73	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-334-L...
	90	33.75	857.25	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-337-L...
	91	34.13	866.78	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-341-L...
	92	34.50	876.30	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-345-L...
	94	35.25	895.35	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-352-L...
	96	36.00	914.40	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-360-L...
	98	36.75	933.45	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-367-L...
	99	37.13	942.98	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-371-L...
	100	37.50	952.50	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-375-L...
	102	38.25	971.55	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-382-L...
	103	38.63	981.08	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-387-L...
	104	39.00	990.60	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-390-L...
	105	39.38	1000.13	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-394-L...
	106	39.75	1009.65	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-397-L...
	108	40.50	1028.70	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-405-L...
	109	40.88	1038.23	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-408-L...
	110	41.25	1047.75	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-412-L...
	112	42.00	1066.80	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-420-L...
	114	42.75	1085.85	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-427-L...
	116	43.50	1104.90	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-435-L...
	117	43.88	1114.43	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-439-L...
	118	44.25	1123.95	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-442-L...
	120	45.00	1143.00	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-450-L...
	121	45.38	1152.53	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-453-L...
	123	46.13	1171.70	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-461-L...
	124	46.50	1181.10	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-465-L...
	128	48.00	1219.20	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-480-L...
	132	49.50	1257.30	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-495-L...
	133	50.00	1270.00	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-500-L...
	136	51.00	1295.40	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-510-L...
	138	51.80	1315.72	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-518-L...
	140	52.50	1333.50	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-525-L...
	144	54.00	1371.60	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-540-L...
	146	54.75	1390.65	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-548-L...
	148	55.50	1409.70	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-555-L...

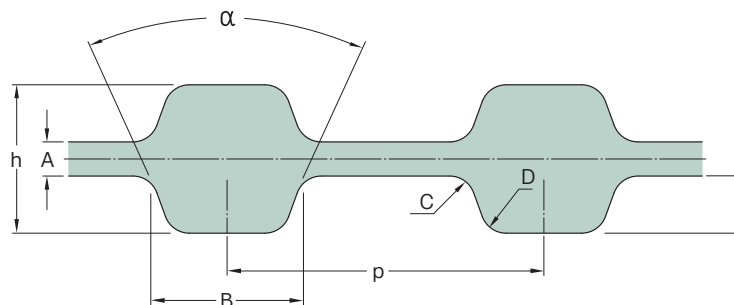
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Double-sided classical timing belts

D-L | D-H



Section	Number of teeth perside	Dimensions		h	A	B	C	D	p	E	α	Designation
		Pitch length										
—	—	in.	mm								°	—
D-L	152	57.00	1447.80	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-570-L-...
	153	57.38	1457.33	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-574-L-...
	155	58.13	1476.38	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-581-L-...
	156	58.50	1485.90	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-585-L-...
	160	60.00	1524.00	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-600-L-...
	165	61.90	1572.26	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-619-L-...
	168	63.00	1600.20	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-630-L-...
	169	63.40	1610.36	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-634-L-...
	176	66.00	1676.40	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-660-L-...
	176	66.00	1676.40	4.57	0.76	4.65	0.51	0.51	9.525	1.91	40	PHG D-660-L-...
D-H	40	20.00	508.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-200-H-...
	41	20.50	520.70	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-205-H-...
	42	21.00	533.40	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-210-H-...
	44	22.00	558.80	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-220-H-...
	45	22.50	571.50	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-225-H-...
	46	23.00	584.20	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-230-H-...
	48	24.00	609.60	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-240-H-...
	49	24.50	622.30	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-245-H-...
	49	24.50	622.30	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-245-H-...
	50	25.00	635.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-250-H-...
	51	25.50	647.70	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-255-H-...
	52	26.00	660.40	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-260-H-...
	54	27.00	685.80	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-270-H-...
	56	28.00	711.20	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-280-H-...
	57	28.50	723.90	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-285-H-...
	58	29.00	736.60	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-290-H-...
	60	30.00	762.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-300-H-...
	62	31.00	787.40	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-310-H-...
	63	31.50	800.10	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-315-H-...
	64	32.00	812.80	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-320-H-...
	65	32.50	825.50	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-325-H-...
	66	33.00	838.20	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-330-H-...
	67	33.50	850.90	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-335-H-...
	68	34.00	863.60	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-340-H-...
	69	34.50	876.30	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-345-H-...
	70	35.00	889.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-350-H-...
	71	35.50	901.70	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-355-H-...
	72	36.00	914.40	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-360-H-...
	73	36.50	927.10	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-365-H-...
	74	37.00	939.80	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-370-H-...
	75	37.50	952.50	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-375-H-...
	76	38.00	965.20	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-380-H-...
	78	39.00	990.60	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-390-H-...
	79	39.50	1003.30	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-395-H-...
	80	40.00	1016.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-400-H-...
	81	40.50	1028.70	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-405-H-...
	82	41.00	1041.40	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-410-H-...
	84	42.00	1066.80	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-420-H-...
	85	42.50	1079.50	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-425-H-...
	86	43.00	1092.20	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-430-H-...
	89	44.50	1130.30	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-445-H-...
	90	45.00	1143.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-450-H-...
	92	46.00	1168.40	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-460-H-...
	93	46.50	1181.10	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-465-H-...
	94	47.00	1193.80	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-470-H-...

Non-standard lengths may also be available.

To complete designation add three digits for belt width in 1/100ths of an inch; e.g. for a 1/4" width add 025 or for a 3/8" width add 037.

Full sleeves are available in various widths. Please contact your SKF Authorized Distributor..

Section	Number of teeth per side	Dimensions		h	A	B	C	D	p	E	α	Designation
		Pitch length										
—	—	in.	mm								°	—
D-H	96	48.00	1219.20	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-480-H...
	97	48.50	1231.90	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-485-H...
	98	49.00	1244.60	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-490-H...
	100	50.00	1270.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-500-H...
	102	51.00	1295.40	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-510-H...
	103	51.50	1308.10	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-515-H...
	104	52.00	1320.80	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-520-H...
	105	52.50	1333.50	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-525-H...
	106	53.00	1346.20	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-530-H...
	107	53.50	1358.90	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-535-H...
	108	54.00	1371.60	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-540-H...
	110	55.00	1397.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-550-H...
	111	55.00	1397.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-555-H...
	112	56.00	1422.40	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-560-H...
	113	56.50	1435.10	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-565-H...
	114	57.00	1447.80	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-570-H...
	116	58.00	1473.20	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-580-H...
	117	58.50	1485.90	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-585-H...
	118	59.00	1498.60	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-590-H...
	120	60.00	1524.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-600-H...
	121	60.50	1536.70	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-605-H...
	122	61.00	1549.40	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-610-H...
	125	62.50	1587.50	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-625-H...
	126	63.00	1600.20	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-630-H...
	128	64.00	1625.60	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-640-H...
	130	65.00	1651.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-650-H...
	132	66.00	1676.40	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-660-H...
	134	67.00	1701.80	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-670-H...
	136	68.00	1727.20	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-680-H...
	138	69.00	1752.60	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-690-H...
	139	69.50	1765.30	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-695-H...
	140	70.00	1778.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-700-H...
	142	71.00	1803.40	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-710-H...
	144	72.00	1828.80	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-720-H...
	145	72.50	1841.50	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-725-H...
	146	73.00	1854.20	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-730-H...
	148	74.00	1879.60	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-740-H...
	150	75.00	1905.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-750-H...
	154	77.00	1955.80	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-770-H...
	155	77.50	1968.50	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-775-H...
	157	78.50	1993.90	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-785-H...
	160	80.00	2032.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-800-H...
	162	81.00	2057.40	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-810-H...
	164	82.00	2082.80	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-820-H...
	166	83.00	2108.20	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-830-H...
	168	84.00	2133.60	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-840-H...
	170	85.00	2159.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-850-H...
	172	86.00	2184.40	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-860-H...
176	88.00	2235.20	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-880-H...	
179	89.50	2273.30	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-895-H...	
180	90.00	2286.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-900-H...	
184	92.00	2336.80	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-920-H...	
186	93.00	2362.20	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-930-H...	
190	95.00	2413.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-950-H...	
192	96.00	2438.40	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-960-H...	
196	98.00	2489.20	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-980-H...	
197	98.50	2501.90	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-985-H...	
200	100.00	2540.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1000-H...	
204	102.00	2590.80	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1020-H...	
206	103.00	2616.20	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1030-H...	
210	105.00	2667.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1050-H...	
217	108.50	2755.90	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1085-H...	
220	110.00	2794.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1100-H...	
224	112.00	2844.80	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1120-H...	
226	113.00	2870.20	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1130-H...	
228	114.00	2895.60	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1140-H...	
230	115.00	2921.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1150-H...	
234	117.00	2971.80	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1170-H...	
235	117.50	2984.50	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1175-H...	
240	120.00	3048.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1200-H...	
250	125.00	3175.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1250-H...	
252	126.00	3200.40	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1260-H...	
254	127.00	3225.80	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1270-H...	
265	132.50	3365.50	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1325-H...	
270	135.00	3429.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1350-H...	

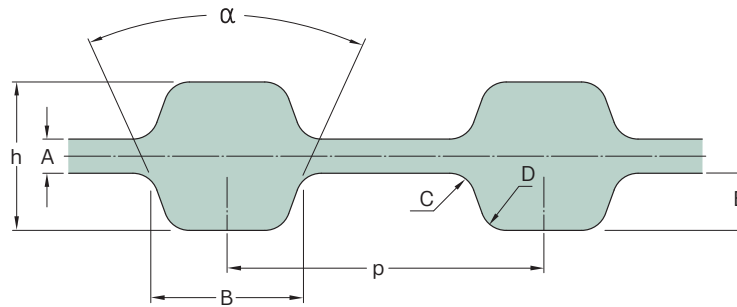
Non-standard lengths may also be available.

To complete designation, add three digits for belt width in 1/100ths of an inch; e.g. for a 1/4" width add 025 or for a 3/8" width add 037.

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Double-sided classical timing belts

D-L | D-H

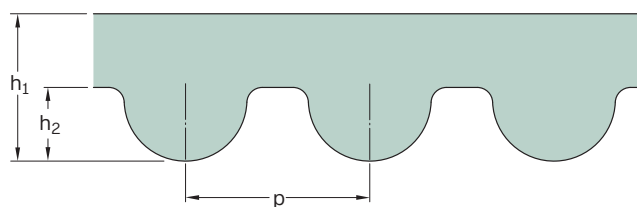


Section	Number of teeth per side	Dimensions		h	A	B	C	D	p	E	α	Designation
		Pitch length										
—	—	in.	mm								°	—
D-H	272	136.00	3 454.40	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1360-H-...
	276	138.00	3 505.20	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1380-H-...
	280	140.00	3 556.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1400-H-...
	288	144.00	3 657.60	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1440-H-...
	290	145.00	3 683.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1450-H-...
	292	146.00	3 708.40	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1460-H-...
	302	151.00	3 835.40	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1510-H-...
	307	153.50	3 898.90	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1535-H-...
	310	155.00	3 937.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1550-H-...
	312	156.00	3 962.40	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1560-H-...
	320	160.00	4 064.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1600-H-...
	326	163.00	4 140.20	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1630-H-...
	332	166.00	4 216.40	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1660-H-...
	336	168.00	4 267.20	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1680-H-...
	340	170.00	4 318.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1700-H-...
	350	175.00	4 445.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1750-H-...
	353	176.50	4 483.10	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1765-H-...
	371	185.50	4 711.70	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-1855-H-...
	440	220.00	5 588.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-2200-H-...
	442	221.00	5 613.40	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-2210-H-...
	472	236.00	5 994.40	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-2360-H-...
	500	250.00	6 350.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-2500-H-...
	520	260.00	6 604.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-2600-H-...
	536	268.00	6 807.20	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-2680-H-...
	540	270.00	6 858.00	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-2700-H-...
	544	272.00	6 908.80	5.95	1.37	6.12	1.02	1.02	12.700	2.29	40	PHG D-2720-H-...

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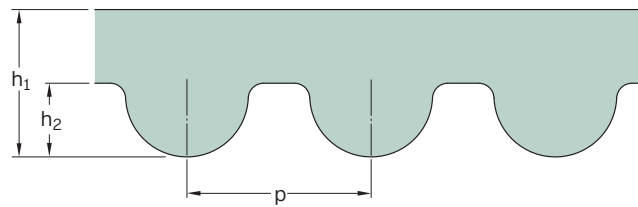
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Section	Number of teeth	Dimensions				Designation	Section	Number of teeth	Dimensions				Designation
		Pitch length	h_2	h_1	p				Pitch length	h_2	h_1	p	
—	—	mm				—	—	mm				—	
3M	20	60	2.4	1.20	3.0	PHG 60-3M-...	3M	97	291	2.4	1.20	3.0	PHG 291-3M-...
	27	81	2.4	1.20	3.0	PHG 81-3M-...		98	294	2.4	1.20	3.0	PHG 294-3M-...
	29	87	2.4	1.20	3.0	PHG 87-3M-...		99	297	2.4	1.20	3.0	PHG 297-3M-...
	30	90	2.4	1.20	3.0	PHG 90-3M-...		100	300	2.4	1.20	3.0	PHG 300-3M-...
	33	99	2.4	1.20	3.0	PHG 99-3M-...		102	306	2.4	1.20	3.0	PHG 306-3M-...
	34	102	2.4	1.20	3.0	PHG 102-3M-...		103	309	2.4	1.20	3.0	PHG 309-3M-...
	37	111	2.4	1.20	3.0	PHG 111-3M-...		104	312	2.4	1.20	3.0	PHG 312-3M-...
	39	117	2.4	1.20	3.0	PHG 117-3M-...		106	318	2.4	1.20	3.0	PHG 318-3M-...
	40	120	2.4	1.20	3.0	PHG 120-3M-...		108	324	2.4	1.20	3.0	PHG 324-3M-...
	43	129	2.4	1.20	3.0	PHG 129-3M-...		109	327	2.4	1.20	3.0	PHG 327-3M-...
	44	132	2.4	1.20	3.0	PHG 132-3M-...		110	330	2.4	1.20	3.0	PHG 330-3M-...
	46	138	2.4	1.20	3.0	PHG 138-3M-...		111	333	2.4	1.20	3.0	PHG 333-3M-...
	47	141	2.4	1.20	3.0	PHG 141-3M-...		112	336	2.4	1.20	3.0	PHG 336-3M-...
	48	144	2.4	1.20	3.0	PHG 144-3M-...		113	339	2.4	1.20	3.0	PHG 339-3M-...
	50	150	2.4	1.20	3.0	PHG 150-3M-...		114	342	2.4	1.20	3.0	PHG 342-3M-...
	51	153	2.4	1.20	3.0	PHG 153-3M-...		115	345	2.4	1.20	3.0	PHG 345-3M-...
	52	156	2.4	1.20	3.0	PHG 156-3M-...		116	348	2.4	1.20	3.0	PHG 348-3M-...
	53	159	2.4	1.20	3.0	PHG 159-3M-...		119	357	2.4	1.20	3.0	PHG 357-3M-...
	54	162	2.4	1.20	3.0	PHG 162-3M-...		120	360	2.4	1.20	3.0	PHG 360-3M-...
	55	165	2.4	1.20	3.0	PHG 165-3M-...		121	363	2.4	1.20	3.0	PHG 363-3M-...
	56	168	2.4	1.20	3.0	PHG 168-3M-...		122	366	2.4	1.20	3.0	PHG 366-3M-...
	57	171	2.4	1.20	3.0	PHG 171-3M-...		125	375	2.4	1.20	3.0	PHG 375-3M-...
	58	174	2.4	1.20	3.0	PHG 174-3M-...		128	384	2.4	1.20	3.0	PHG 384-3M-...
	59	177	2.4	1.20	3.0	PHG 177-3M-...		130	390	2.4	1.20	3.0	PHG 390-3M-...
	60	180	2.4	1.20	3.0	PHG 180-3M-...		131	393	2.4	1.20	3.0	PHG 393-3M-...
	61	183	2.4	1.20	3.0	PHG 183-3M-...		132	396	2.4	1.20	3.0	PHG 396-3M-...
	62	186	2.4	1.20	3.0	PHG 186-3M-...		133	399	2.4	1.20	3.0	PHG 399-3M-...
	63	189	2.4	1.20	3.0	PHG 189-3M-...		140	420	2.4	1.20	3.0	PHG 420-3M-...
	64	192	2.4	1.20	3.0	PHG 192-3M-...		141	423	2.4	1.20	3.0	PHG 423-3M-...
	65	195	2.4	1.20	3.0	PHG 195-3M-...		142	426	2.4	1.20	3.0	PHG 426-3M-...
	66	198	2.4	1.20	3.0	PHG 198-3M-...		148	444	2.4	1.20	3.0	PHG 444-3M-...
	67	201	2.4	1.20	3.0	PHG 201-3M-...		149	447	2.4	1.20	3.0	PHG 447-3M-...
	68	204	2.4	1.20	3.0	PHG 204-3M-...		152	456	2.4	1.20	3.0	PHG 456-3M-...
	69	207	2.4	1.20	3.0	PHG 207-3M-...		153	459	2.4	1.20	3.0	PHG 459-3M-...
	70	210	2.4	1.20	3.0	PHG 210-3M-...		154	462	2.4	1.20	3.0	PHG 462-3M-...
	71	213	2.4	1.20	3.0	PHG 213-3M-...		156	468	2.4	1.20	3.0	PHG 468-3M-...
	74	222	2.4	1.20	3.0	PHG 222-3M-...		157	471	2.4	1.20	3.0	PHG 471-3M-...
	75	225	2.4	1.20	3.0	PHG 225-3M-...		158	474	2.4	1.20	3.0	PHG 474-3M-...
	76	228	2.4	1.20	3.0	PHG 228-3M-...		159	477	2.4	1.20	3.0	PHG 477-3M-...
	78	234	2.4	1.20	3.0	PHG 234-3M-...		160	480	2.4	1.20	3.0	PHG 480-3M-...
	79	237	2.4	1.20	3.0	PHG 237-3M-...		161	483	2.4	1.20	3.0	PHG 483-3M-...
	80	240	2.4	1.20	3.0	PHG 240-3M-...		162	486	2.4	1.20	3.0	PHG 486-3M-...
	82	246	2.4	1.20	3.0	PHG 246-3M-...		163	489	2.4	1.20	3.0	PHG 489-3M-...
	83	249	2.4	1.20	3.0	PHG 249-3M-...		164	492	2.4	1.20	3.0	PHG 492-3M-...
	84	252	2.4	1.20	3.0	PHG 252-3M-...		165	495	2.4	1.20	3.0	PHG 495-3M-...
	85	255	2.4	1.20	3.0	PHG 255-3M-...		167	501	2.4	1.20	3.0	PHG 501-3M-...
	86	258	2.4	1.20	3.0	PHG 258-3M-...		169	507	2.4	1.20	3.0	PHG 507-3M-...
	87	261	2.4	1.20	3.0	PHG 261-3M-...		170	510	2.4	1.20	3.0	PHG 510-3M-...
	88	264	2.4	1.20	3.0	PHG 264-3M-...		171	513	2.4	1.20	3.0	PHG 513-3M-...
	89	267	2.4	1.20	3.0	PHG 267-3M-...		173	519	2.4	1.20	3.0	PHG 519-3M-...
	90	270	2.4	1.20	3.0	PHG 270-3M-...		174	522	2.4	1.20	3.0	PHG 522-3M-...
	92	276	2.4	1.20	3.0	PHG 276-3M-...		177	531	2.4	1.20	3.0	PHG 531-3M-...
	94	282	2.4	1.20	3.0	PHG 282-3M-...		179	537	2.4	1.20	3.0	PHG 537-3M-...
	95	285	2.4	1.20	3.0	PHG 285-3M-...		180	540	2.4	1.20	3.0	PHG 540-3M-...
	96	288	2.4	1.20	3.0	PHG 288-3M-...		186	558	2.4	1.20	3.0	PHG 558-3M-...

Non-standard lengths may also be available.
To complete designation add belt width in mm.
Full sleeves are available in various widths. Please contact your SKF Authorized Distributor.

HTD belts 3M | 5M



Section	Number of teeth	Dimensions				Designation
		Pitch length	h_2	h_1	p	
—	—	mm				—
3M	188	564	2.4	1.20	3.0	PHG 564-3M-...
	190	570	2.4	1.20	3.0	PHG 570-3M-...
	191	573	2.4	1.20	3.0	PHG 573-3M-...
	192	576	2.4	1.20	3.0	PHG 576-3M-...
	193	579	2.4	1.20	3.0	PHG 579-3M-...
	194	582	2.4	1.20	3.0	PHG 582-3M-...
	197	591	2.4	1.20	3.0	PHG 591-3M-...
	199	597	2.4	1.20	3.0	PHG 597-3M-...
	200	600	2.4	1.20	3.0	PHG 600-3M-...
	202	606	2.4	1.20	3.0	PHG 606-3M-...
	203	609	2.4	1.20	3.0	PHG 609-3M-...
	204	612	2.4	1.20	3.0	PHG 612-3M-...
	210	630	2.4	1.20	3.0	PHG 630-3M-...
	211	633	2.4	1.20	3.0	PHG 633-3M-...
	213	639	2.4	1.20	3.0	PHG 639-3M-...
	216	648	2.4	1.20	3.0	PHG 648-3M-...
	218	654	2.4	1.20	3.0	PHG 654-3M-...
	219	657	2.4	1.20	3.0	PHG 657-3M-...
	223	669	2.4	1.20	3.0	PHG 669-3M-...
	225	675	2.4	1.20	3.0	PHG 675-3M-...
	228	684	2.4	1.20	3.0	PHG 684-3M-...
	233	699	2.4	1.20	3.0	PHG 699-3M-...
	233	699	2.4	1.20	3.0	PHG 699-3M-...
	236	708	2.4	1.20	3.0	PHG 708-3M-...
	237	711	2.4	1.20	3.0	PHG 711-3M-...
	240	720	2.4	1.20	3.0	PHG 720-3M-...
	250	750	2.4	1.20	3.0	PHG 750-3M-...
	251	753	2.4	1.20	3.0	PHG 753-3M-...
	267	801	2.4	1.20	3.0	PHG 801-3M-...
	268	804	2.4	1.20	3.0	PHG 804-3M-...
	271	813	2.4	1.20	3.0	PHG 813-3M-...
	274	822	2.4	1.20	3.0	PHG 822-3M-...
	281	843	2.4	1.20	3.0	PHG 843-3M-...
	295	885	2.4	1.20	3.0	PHG 885-3M-...
	313	939	2.4	1.20	3.0	PHG 939-3M-...
	323	969	2.4	1.20	3.0	PHG 969-3M-...
	375	1125	2.4	1.20	3.0	PHG 1125-3M-...
	403	1209	2.4	1.20	3.0	PHG 1209-3M-...
	415	1245	2.4	1.20	3.0	PHG 1245-3M-...
	421	1263	2.4	1.20	3.0	PHG 1263-3M-...
	448	1344	2.4	1.20	3.0	PHG 1344-3M-...
	467	1401	2.4	1.20	3.0	PHG 1401-3M-...
	523	1569	2.4	1.20	3.0	PHG 1569-3M-...
	529	1587	2.4	1.20	3.0	PHG 1587-3M-...
	600	1800	2.4	1.20	3.0	PHG 1800-3M-...
	650	1950	2.4	1.20	3.0	PHG 1950-3M-...
	720	2160	2.4	1.20	3.0	PHG 2160-3M-...
	796	2388	2.4	1.20	3.0	PHG 2388-3M-...
	880	2640	2.4	1.20	3.0	PHG 2640-3M-...
	1000	3000	2.4	1.20	3.0	PHG 3000-3M-...
	1070	3210	2.4	1.20	3.0	PHG 3210-3M-...
	1130	3390	2.4	1.20	3.0	PHG 3390-3M-...
	2268	6804	2.4	1.20	3.0	PHG 6804-3M-...
5M	36	180	3.6	2.10	5.0	PHG 180-5M-...
	40	200	3.6	2.10	5.0	PHG 200-5M-...
	42	210	3.6	2.10	5.0	PHG 210-5M-...
	43	215	3.6	2.10	5.0	PHG 215-5M-...
	45	225	3.6	2.10	5.0	PHG 225-5M-...
	46	230	3.6	2.10	5.0	PHG 230-5M-...
	47	235	3.6	2.10	5.0	PHG 235-5M-...
	49	245	3.6	2.10	5.0	PHG 245-5M-...
	50	250	3.6	2.10	5.0	PHG 250-5M-...
	51	255	3.6	2.10	5.0	PHG 255-5M-...
	52	260	3.6	2.10	5.0	PHG 260-5M-...
	53	265	3.6	2.10	5.0	PHG 265-5M-...
	54	270	3.6	2.10	5.0	PHG 270-5M-...
	56	280	3.6	2.10	5.0	PHG 280-5M-...
	57	285	3.6	2.10	5.0	PHG 285-5M-...
	59	295	3.6	2.10	5.0	PHG 295-5M-...
60	300	3.6	2.10	5.0	PHG 300-5M-...	
61	305	3.6	2.10	5.0	PHG 305-5M-...	
62	310	3.6	2.10	5.0	PHG 310-5M-...	
64	320	3.6	2.10	5.0	PHG 320-5M-...	
65	325	3.6	2.10	5.0	PHG 325-5M-...	
66	330	3.6	2.10	5.0	PHG 330-5M-...	
68	340	3.6	2.10	5.0	PHG 340-5M-...	
69	345	3.6	2.10	5.0	PHG 345-5M-...	
70	350	3.6	2.10	5.0	PHG 350-5M-...	
72	360	3.6	2.10	5.0	PHG 360-5M-...	
73	365	3.6	2.10	5.0	PHG 365-5M-...	
74	370	3.6	2.10	5.0	PHG 370-5M-...	
75	375	3.6	2.10	5.0	PHG 375-5M-...	
76	380	3.6	2.10	5.0	PHG 380-5M-...	
77	385	3.6	2.10	5.0	PHG 385-5M-...	
78	390	3.6	2.10	5.0	PHG 390-5M-...	
79	395	3.6	2.10	5.0	PHG 395-5M-...	
80	400	3.6	2.10	5.0	PHG 400-5M-...	
80	400	3.6	2.10	5.0	PHG 405-5M-...	
82	410	3.6	2.10	5.0	PHG 410-5M-...	
84	420	3.6	2.10	5.0	PHG 420-5M-...	
85	425	3.6	2.10	5.0	PHG 425-5M-...	
86	430	3.6	2.10	5.0	PHG 430-5M-...	
87	435	3.6	2.10	5.0	PHG 435-5M-...	
88	440	3.6	2.10	5.0	PHG 440-5M-...	
89	445	3.6	2.10	5.0	PHG 445-5M-...	
90	450	3.6	2.10	5.0	PHG 450-5M-...	
92	460	3.6	2.10	5.0	PHG 460-5M-...	
93	465	3.6	2.10	5.0	PHG 465-5M-...	
94	470	3.6	2.10	5.0	PHG 470-5M-...	
95	475	3.6	2.10	5.0	PHG 475-5M-...	
96	480	3.6	2.10	5.0	PHG 480-5M-...	
98	490	3.6	2.10	5.0	PHG 490-5M-...	
100	500	3.6	2.10	5.0	PHG 500-5M-...	
101	505	3.6	2.10	5.0	PHG 505-5M-...	
102	510	3.6	2.10	5.0	PHG 510-5M-...	
104	520	3.6	2.10	5.0	PHG 520-5M-...	
105	525	3.6	2.10	5.0	PHG 525-5M-...	
106	530	3.6	2.10	5.0	PHG 530-5M-...	

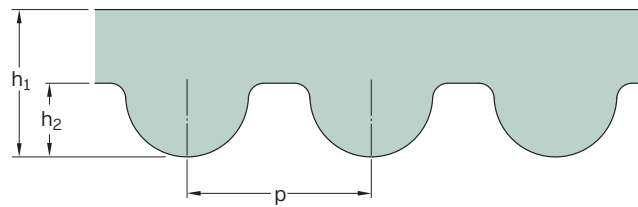
Non-standard lengths may also be available.
To complete designation add belt width in mm.
Full sleeves are available in various widths. Please contact your SKF Authorized Distributor.

HTD belts

5M | 8M

Section	Number of teeth	Dimensions				Designation	Section	Number of teeth	Dimensions				Designation	
		Pitch length	h_2	h_1	p				Pitch length	h_2	h_1	p		
—	—	mm				—	—	mm				—		
5M	107	535	3.6	2.10	5.0	PHG 535-5M-...	5M	245	1225	3.6	2.10	5.0	PHG 1225-5M-...	
	108	540	3.6	2.10	5.0	PHG 540-5M-...		250	1250	3.6	2.10	5.0	PHG 1250-5M-...	
	110	550	3.6	2.10	5.0	PHG 550-5M-...		254	1270	3.6	2.10	5.0	PHG 1270-5M-...	
	112	560	3.6	2.10	5.0	PHG 560-5M-...		258	1290	3.6	2.10	5.0	PHG 1290-5M-...	
	113	565	3.6	2.10	5.0	PHG 565-5M-...		259	1295	3.6	2.10	5.0	PHG 1295-5M-...	
	114	570	3.6	2.10	5.0	PHG 570-5M-...		260	1300	3.6	2.10	5.0	PHG 1300-5M-...	
	115	575	3.6	2.10	5.0	PHG 575-5M-...		268	1340	3.6	2.10	5.0	PHG 1340-5M-...	
	116	580	3.6	2.10	5.0	PHG 580-5M-...		270	1350	3.6	2.10	5.0	PHG 1350-5M-...	
	117	585	3.6	2.10	5.0	PHG 585-5M-...		275	1375	3.6	2.10	5.0	PHG 1375-5M-...	
	118	590	3.6	2.10	5.0	PHG 590-5M-...		280	1400	3.6	2.10	5.0	PHG 1400-5M-...	
	120	600	3.6	2.10	5.0	PHG 600-5M-...		282	1410	3.6	2.10	5.0	PHG 1410-5M-...	
	121	605	3.6	2.10	5.0	PHG 605-5M-...		284	1420	3.6	2.10	5.0	PHG 1420-5M-...	
	122	610	3.6	2.10	5.0	PHG 610-5M-...		290	1450	3.6	2.10	5.0	PHG 1450-5M-...	
	123	615	3.6	2.10	5.0	PHG 615-5M-...		291	1455	3.6	2.10	5.0	PHG 1455-5M-...	
	124	620	3.6	2.10	5.0	PHG 620-5M-...		300	1500	3.6	2.10	5.0	PHG 1500-5M-...	
	125	625	3.6	2.10	5.0	PHG 625-5M-...		319	1595	3.6	2.10	5.0	PHG 1595-5M-...	
	126	630	3.6	2.10	5.0	PHG 630-5M-...		320	1600	3.6	2.10	5.0	PHG 1600-5M-...	
	127	635	3.6	2.10	5.0	PHG 635-5M-...		337	1685	3.6	2.10	5.0	PHG 1685-5M-...	
	128	640	3.6	2.10	5.0	PHG 640-5M-...		338	1690	3.6	2.10	5.0	PHG 1690-5M-...	
	129	645	3.6	2.10	5.0	PHG 645-5M-...		340	1700	3.6	2.10	5.0	PHG 1700-5M-...	
	130	650	3.6	2.10	5.0	PHG 650-5M-...		346	1730	3.6	2.10	5.0	PHG 1730-5M-...	
	131	655	3.6	2.10	5.0	PHG 655-5M-...		354	1770	3.6	2.10	5.0	PHG 1770-5M-...	
	133	665	3.6	2.10	5.0	PHG 665-5M-...		358	1790	3.6	2.10	5.0	PHG 1790-5M-...	
	134	670	3.6	2.10	5.0	PHG 670-5M-...		360	1800	3.6	2.10	5.0	PHG 1800-5M-...	
	135	675	3.6	2.10	5.0	PHG 675-5M-...		374	1870	3.6	2.10	5.0	PHG 1870-5M-...	
	137	685	3.6	2.10	5.0	PHG 685-5M-...		379	1895	3.6	2.10	5.0	PHG 1895-5M-...	
	138	690	3.6	2.10	5.0	PHG 690-5M-...		389	1945	3.6	2.10	5.0	PHG 1945-5M-...	
	139	695	3.6	2.10	5.0	PHG 695-5M-...		400	2000	3.6	2.10	5.0	PHG 2000-5M-...	
	140	700	3.6	2.10	5.0	PHG 700-5M-...		410	2050	3.6	2.10	5.0	PHG 2050-5M-...	
	142	710	3.6	2.10	5.0	PHG 710-5M-...		420	2100	3.6	2.10	5.0	PHG 2100-5M-...	
	142	710	3.6	2.10	5.0	PHG 715-5M-...		432	2160	3.6	2.10	5.0	PHG 2160-5M-...	
	144	720	3.6	2.10	5.0	PHG 720-5M-...		450	2250	3.6	2.10	5.0	PHG 2250-5M-...	
	145	725	3.6	2.10	5.0	PHG 725-5M-...		470	2350	3.6	2.10	5.0	PHG 2350-5M-...	
	148	740	3.6	2.10	5.0	PHG 740-5M-...		474	2370	3.6	2.10	5.0	PHG 2370-5M-...	
	149	745	3.6	2.10	5.0	PHG 745-5M-...		492	2460	3.6	2.10	5.0	PHG 2460-5M-...	
	150	750	3.6	2.10	5.0	PHG 750-5M-...		505	2525	3.6	2.10	5.0	PHG 2525-5M-...	
	151	755	3.6	2.10	5.0	PHG 755-5M-...		527	2635	3.6	2.10	5.0	PHG 2635-5M-...	
	154	770	3.6	2.10	5.0	PHG 770-5M-...		605	3025	3.6	2.10	5.0	PHG 3025-5M-...	
	155	775	3.6	2.10	5.0	PHG 775-5M-...		612	3060	3.6	2.10	5.0	PHG 3060-5M-...	
	156	780	3.6	2.10	5.0	PHG 780-5M-...		651	3255	3.6	2.10	5.0	PHG 3255-5M-...	
	158	790	3.6	2.10	5.0	PHG 790-5M-...		686	3430	3.6	2.10	5.0	PHG 3430-5M-...	
	160	800	3.6	2.10	5.0	PHG 800-5M-...		732	3660	3.6	2.10	5.0	PHG 3660-5M-...	
	162	810	3.6	2.10	5.0	PHG 810-5M-...		750	3750	3.6	2.10	5.0	PHG 3750-5M-...	
	165	825	3.6	2.10	5.0	PHG 825-5M-...		754	3770	3.6	2.10	5.0	PHG 3770-5M-...	
	166	830	3.6	2.10	5.0	PHG 830-5M-...		760	3800	3.6	2.10	5.0	PHG 3800-5M-...	
	167	835	3.6	2.10	5.0	PHG 835-5M-...		852	4260	3.6	2.10	5.0	PHG 4260-5M-...	
	170	850	3.6	2.10	5.0	PHG 850-5M-...		1060	5300	3.6	2.10	5.0	PHG 5300-5M-...	
	172	860	3.6	2.10	5.0	PHG 860-5M-...		1400	7000	3.6	2.10	5.0	PHG 7000-5M-...	
	174	870	3.6	2.10	5.0	PHG 870-5M-...		8M	23	184	5.6	3.88	8.0	PHG 184-8M-...
	178	890	3.6	2.10	5.0	PHG 890-5M-...			36	288	5.6	3.88	8.0	PHG 288-8M-...
180	900	3.6	2.10	5.0	PHG 900-5M-...	40	320		5.6	3.88	8.0	PHG 320-8M-...		
182	910	3.6	2.10	5.0	PHG 910-5M-...	41	328		5.6	3.88	8.0	PHG 328-8M-...		
184	920	3.6	2.10	5.0	PHG 920-5M-...	42	336		5.6	3.88	8.0	PHG 336-8M-...		
185	925	3.6	2.10	5.0	PHG 925-5M-...	46	368		5.6	3.88	8.0	PHG 368-8M-...		
187	935	3.6	2.10	5.0	PHG 935-5M-...	47	376		5.6	3.88	8.0	PHG 376-8M-...		
188	940	3.6	2.10	5.0	PHG 940-5M-...	48	384		5.6	3.88	8.0	PHG 384-8M-...		
190	950	3.6	2.10	5.0	PHG 950-5M-...	50	400		5.6	3.88	8.0	PHG 400-8M-...		
192	960	3.6	2.10	5.0	PHG 960-5M-...	51	408		5.6	3.88	8.0	PHG 408-8M-...		
193	965	3.6	2.10	5.0	PHG 965-5M-...	52	416		5.6	3.88	8.0	PHG 416-8M-...		
195	975	3.6	2.10	5.0	PHG 975-5M-...	53	424		5.6	3.88	8.0	PHG 424-8M-...		
196	980	3.6	2.10	5.0	PHG 980-5M-...	55	440		5.6	3.88	8.0	PHG 440-8M-...		
200	1000	3.6	2.10	5.0	PHG 1000-5M-...	56	448		5.6	3.88	8.0	PHG 448-8M-...		
205	1025	3.6	2.10	5.0	PHG 1025-5M-...	59	472		5.6	3.88	8.0	PHG 472-8M-...		
207	1035	3.6	2.10	5.0	PHG 1035-5M-...	60	480		5.6	3.88	8.0	PHG 480-8M-...		
210	1050	3.6	2.10	5.0	PHG 1050-5M-...	64	512		5.6	3.88	8.0	PHG 512-8M-...		
220	1100	3.6	2.10	5.0	PHG 1100-5M-...	65	520		5.6	3.88	8.0	PHG 520-8M-...		
223	1115	3.6	2.10	5.0	PHG 1115-5M-...	67	536		5.6	3.88	8.0	PHG 536-8M-...		
225	1125	3.6	2.10	5.0	PHG 1125-5M-...	68	544		5.6	3.88	8.0	PHG 544-8M-...		
227	1135	3.6	2.10	5.0	PHG 1135-5M-...	70	560		5.6	3.88	8.0	PHG 560-8M-...		
229	1145	3.6	2.10	5.0	PHG 1145-5M-...	71	568		5.6	3.88	8.0	PHG 568-8M-...		
235	1175	3.6	2.10	5.0	PHG 1175-5M-...	72	576		5.6	3.88	8.0	PHG 576-8M-...		
236	1180	3.6	2.10	5.0	PHG 1180-5M-...	73	584		5.6	3.88	8.0	PHG 584-8M-...		
239	1195	3.6	2.10	5.0	PHG 1195-5M-...	74	592		5.6	3.88	8.0	PHG 592-8M-...		
240	1200	3.6	2.10	5.0	PHG 1200-5M-...									
242	1210	3.6	2.10	5.0	PHG 1210-5M-...									

HTD belts 8M



Section	Number of teeth	Dimensions Pitch length	Dimensions			Designation
			h_2	h_1	p	
—	—	mm	—	—	—	—
8M	75	600	5.6	3.88	8.0	PHG 600-8M-...
	76	608	5.6	3.88	8.0	PHG 608-8M-...
	78	624	5.6	3.88	8.0	PHG 624-8M-...
	79	632	5.6	3.88	8.0	PHG 632-8M-...
	80	640	5.6	3.88	8.0	PHG 640-8M-...
	81	648	5.6	3.88	8.0	PHG 648-8M-...
	82	656	5.6	3.88	8.0	PHG 656-8M-...
	85	680	5.6	3.88	8.0	PHG 680-8M-...
	86	688	5.6	3.88	8.0	PHG 688-8M-...
	87	696	5.6	3.88	8.0	PHG 696-8M-...
	89	712	5.6	3.88	8.0	PHG 712-8M-...
	90	720	5.6	3.88	8.0	PHG 720-8M-...
	91	728	5.6	3.88	8.0	PHG 728-8M-...
	92	736	5.6	3.88	8.0	PHG 736-8M-...
	95	760	5.6	3.88	8.0	PHG 760-8M-...
	97	776	5.6	3.88	8.0	PHG 776-8M-...
	98	784	5.6	3.88	8.0	PHG 784-8M-...
	99	792	5.6	3.88	8.0	PHG 792-8M-...
	100	800	5.6	3.88	8.0	PHG 800-8M-...
	102	816	5.6	3.88	8.0	PHG 816-8M-...
	103	824	5.6	3.88	8.0	PHG 824-8M-...
	105	840	5.6	3.88	8.0	PHG 840-8M-...
	106	848	5.6	3.88	8.0	PHG 848-8M-...
	107	856	5.6	3.88	8.0	PHG 856-8M-...
	108	864	5.6	3.88	8.0	PHG 864-8M-...
	109	872	5.6	3.88	8.0	PHG 872-8M-...
	110	880	5.6	3.88	8.0	PHG 880-8M-...
	112	896	5.6	3.88	8.0	PHG 896-8M-...
	114	912	5.6	3.88	8.0	PHG 912-8M-...
	115	920	5.6	3.88	8.0	PHG 920-8M-...
	116	928	5.6	3.88	8.0	PHG 928-8M-...
	117	936	5.6	3.88	8.0	PHG 936-8M-...
	118	944	5.6	3.88	8.0	PHG 944-8M-...
	119	952	5.6	3.88	8.0	PHG 952-8M-...
	120	960	5.6	3.88	8.0	PHG 960-8M-...
	121	968	5.6	3.88	8.0	PHG 968-8M-...
	122	976	5.6	3.88	8.0	PHG 976-8M-...
	125	1000	5.6	3.88	8.0	PHG 1000-8M-...
	127	1016	5.6	3.88	8.0	PHG 1016-8M-...
	128	1024	5.6	3.88	8.0	PHG 1024-8M-...
	130	1040	5.6	3.88	8.0	PHG 1040-8M-...
	132	1056	5.6	3.88	8.0	PHG 1056-8M-...
	133	1064	5.6	3.88	8.0	PHG 1064-8M-...
	135	1080	5.6	3.88	8.0	PHG 1080-8M-...
	138	1104	5.6	3.88	8.0	PHG 1104-8M-...
	139	1112	5.6	3.88	8.0	PHG 1112-8M-...
	140	1120	5.6	3.88	8.0	PHG 1120-8M-...
	141	1128	5.6	3.88	8.0	PHG 1128-8M-...
	142	1136	5.6	3.88	8.0	PHG 1136-8M-...
	144	1152	5.6	3.88	8.0	PHG 1152-8M-...
8M	145	1160	5.6	3.88	8.0	PHG 1160-8M-...
	146	1168	5.6	3.88	8.0	PHG 1168-8M-...
	148	1184	5.6	3.88	8.0	PHG 1184-8M-...
	149	1192	5.6	3.88	8.0	PHG 1192-8M-...
	150	1200	5.6	3.88	8.0	PHG 1200-8M-...
	151	1208	5.6	3.88	8.0	PHG 1208-8M-...
	152	1216	5.6	3.88	8.0	PHG 1216-8M-...
	153	1224	5.6	3.88	8.0	PHG 1224-8M-...
	155	1240	5.6	3.88	8.0	PHG 1240-8M-...
	156	1248	5.6	3.88	8.0	PHG 1248-8M-...
	157	1256	5.6	3.88	8.0	PHG 1256-8M-...
	158	1264	5.6	3.88	8.0	PHG 1264-8M-...
	159	1272	5.6	3.88	8.0	PHG 1272-8M-...
	160	1280	5.6	3.88	8.0	PHG 1280-8M-...
	163	1304	5.6	3.88	8.0	PHG 1304-8M-...
	164	1312	5.6	3.88	8.0	PHG 1312-8M-...
	165	1320	5.6	3.88	8.0	PHG 1320-8M-...
	166	1328	5.6	3.88	8.0	PHG 1328-8M-...
	168	1344	5.6	3.88	8.0	PHG 1344-8M-...
	169	1352	5.6	3.88	8.0	PHG 1352-8M-...
	170	1360	5.6	3.88	8.0	PHG 1360-8M-...
	172	1376	5.6	3.88	8.0	PHG 1376-8M-...
	174	1392	5.6	3.88	8.0	PHG 1392-8M-...
	175	1400	5.6	3.88	8.0	PHG 1400-8M-...
	177	1416	5.6	3.88	8.0	PHG 1416-8M-...
	178	1424	5.6	3.88	8.0	PHG 1424-8M-...
	179	1432	5.6	3.88	8.0	PHG 1432-8M-...
	180	1440	5.6	3.88	8.0	PHG 1440-8M-...
	182	1456	5.6	3.88	8.0	PHG 1456-8M-...
	183	1464	5.6	3.88	8.0	PHG 1464-8M-...
	185	1480	5.6	3.88	8.0	PHG 1480-8M-...
	189	1512	5.6	3.88	8.0	PHG 1512-8M-...
	190	1520	5.6	3.88	8.0	PHG 1520-8M-...
	192	1536	5.6	3.88	8.0	PHG 1536-8M-...
	194	1552	5.6	3.88	8.0	PHG 1552-8M-...
	195	1560	5.6	3.88	8.0	PHG 1560-8M-...
	197	1576	5.6	3.88	8.0	PHG 1576-8M-...
	200	1600	5.6	3.88	8.0	PHG 1600-8M-...
	205	1640	5.6	3.88	8.0	PHG 1640-8M-...
	206	1648	5.6	3.88	8.0	PHG 1648-8M-...
	210	1680	5.6	3.88	8.0	PHG 1680-8M-...
	212	1696	5.6	3.88	8.0	PHG 1696-8M-...
	216	1728	5.6	3.88	8.0	PHG 1728-8M-...
	220	1760	5.6	3.88	8.0	PHG 1760-8M-...
	223	1784	5.6	3.88	8.0	PHG 1784-8M-...
	224	1792	5.6	3.88	8.0	PHG 1792-8M-...
	225	1800	5.6	3.88	8.0	PHG 1800-8M-...
	232	1856	5.6	3.88	8.0	PHG 1856-8M-...
	237	1896	5.6	3.88	8.0	PHG 1896-8M-...
	238	1904	5.6	3.88	8.0	PHG 1904-8M-...

Non-standard lengths may also be available.
To complete designation add belt width in mm.
Full sleeves are available in various widths. Please contact your SKF Authorized Distributor.

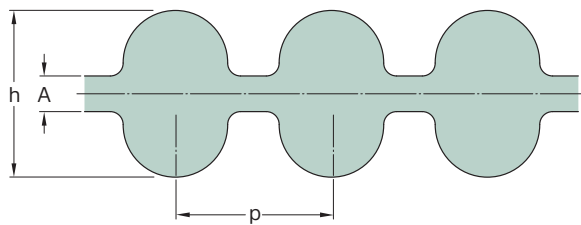
HTD belts 8M | 14M

Section	Number of teeth	Dimensions				Designation
		Pitch length	h_2	h_1	p	
—	—	mm				—
8M	240	1 920	5.6	3.88	8.0	PHG 1920-8M-...
	242	1 936	5.6	3.88	8.0	PHG 1936-8M-...
	244	1 952	5.6	3.88	8.0	PHG 1952-8M-...
	250	2 000	5.6	3.88	8.0	PHG 2000-8M-...
	260	2 080	5.6	3.88	8.0	PHG 2080-8M-...
	262	2 096	5.6	3.88	8.0	PHG 2096-8M-...
	263	2 104	5.6	3.88	8.0	PHG 2104-8M-...
	267	2 136	5.6	3.88	8.0	PHG 2136-8M-...
	270	2 160	5.6	3.88	8.0	PHG 2160-8M-...
	276	2 208	5.6	3.88	8.0	PHG 2208-8M-...
	280	2 240	5.6	3.88	8.0	PHG 2240-8M-...
	281	2 248	5.6	3.88	8.0	PHG 2248-8M-...
	288	2 304	5.6	3.88	8.0	PHG 2304-8M-...
	291	2 328	5.6	3.88	8.0	PHG 2328-8M-...
	299	2 392	5.6	3.88	8.0	PHG 2392-8M-...
	300	2 400	5.6	3.88	8.0	PHG 2400-8M-...
	313	2 504	5.6	3.88	8.0	PHG 2504-8M-...
	323	2 584	5.6	3.88	8.0	PHG 2584-8M-...
	325	2 600	5.6	3.88	8.0	PHG 2600-8M-...
	332	2 656	5.6	3.88	8.0	PHG 2656-8M-...
	342	2 736	5.6	3.88	8.0	PHG 2736-8M-...
	350	2 800	5.6	3.88	8.0	PHG 2800-8M-...
	381	3 048	5.6	3.88	8.0	PHG 3048-8M-...
	390	3 120	5.6	3.88	8.0	PHG 3120-8M-...
	396	3 168	5.6	3.88	8.0	PHG 3168-8M-...
	400	3 200	5.6	3.88	8.0	PHG 3200-8M-...
	410	3 280	5.6	3.88	8.0	PHG 3280-8M-...
	425	3 400	5.6	3.88	8.0	PHG 3400-8M-...
	450	3 600	5.6	3.88	8.0	PHG 3600-8M-...
	465	3 720	5.6	3.88	8.0	PHG 3720-8M-...
	478	3 824	5.6	3.88	8.0	PHG 3824-8M-...
	483	3 864	5.6	3.88	8.0	PHG 3864-8M-...
	500	4 000	5.6	3.88	8.0	PHG 4000-8M-...
	525	4 200	5.6	3.88	8.0	PHG 4200-8M-...
	550	4 400	5.6	3.88	8.0	PHG 4400-8M-...
	640	5 120	5.6	3.88	8.0	PHG 5120-8M-...
	700	5 600	5.6	3.88	8.0	PHG 5600-8M-...
	745	5 960	5.6	3.88	8.0	PHG 5960-8M-...
	825	6 600	5.6	3.88	8.0	PHG 6600-8M-...
	860	6 880	5.6	3.88	8.0	PHG 6880-8M-...
14M	67	938	10.0	6.10	14.0	PHG 938-14M-...
	69	966	10.0	6.10	14.0	PHG 966-14M-...
	74	1 036	10.0	6.10	14.0	PHG 1036-14M-...
	75	1 050	10.0	6.10	14.0	PHG 1050-14M-...
	76	1 064	10.0	6.10	14.0	PHG 1064-14M-...
	78	1 092	10.0	6.10	14.0	PHG 1092-14M-...
	80	1 120	10.0	6.10	14.0	PHG 1120-14M-...
	82	1 148	10.0	6.10	14.0	PHG 1148-14M-...
	85	1 190	10.0	6.10	14.0	PHG 1190-14M-...
	89	1 246	10.0	6.10	14.0	PHG 1246-14M-...
	90	1 260	10.0	6.10	14.0	PHG 1260-14M-...
	92	1 288	10.0	6.10	14.0	PHG 1288-14M-...
	94	1 316	10.0	6.10	14.0	PHG 1316-14M-...
	96	1 344	10.0	6.10	14.0	PHG 1344-14M-...
	100	1 400	10.0	6.10	14.0	PHG 1400-14M-...
	101	1 414	10.0	6.10	14.0	PHG 1414-14M-...
	103	1 442	10.0	6.10	14.0	PHG 1442-14M-...
	104	1 456	10.0	6.10	14.0	PHG 1456-14M-...
	105	1 470	10.0	6.10	14.0	PHG 1470-14M-...
	106	1 484	10.0	6.10	14.0	PHG 1484-14M-...
	108	1 512	10.0	6.10	14.0	PHG 1512-14M-...
	110	1 540	10.0	6.10	14.0	PHG 1540-14M-...
	112	1 568	10.0	6.10	14.0	PHG 1568-14M-...
	115	1 610	10.0	6.10	14.0	PHG 1610-14M-...
	118	1 652	10.0	6.10	14.0	PHG 1652-14M-...
	125	1 750	10.0	6.10	14.0	PHG 1750-14M-...
	126	1 764	10.0	6.10	14.0	PHG 1764-14M-...
	127	1 778	10.0	6.10	14.0	PHG 1778-14M-...
128	1 792	10.0	6.10	14.0	PHG 1792-14M-...	
128	1 792	10.0	6.10	14.0	PHG 1792-14M-...	

Section	Number of teeth	Dimensions			Designation	
		Pitch length	h_2	h_1		p
—	—	mm				—
14M	129	1 806	10.0	6.10	14.0	PHG 1806-14M-...
	130	1 820	10.0	6.10	14.0	PHG 1820-14M-...
	135	1 890	10.0	6.10	14.0	PHG 1890-14M-...
	138	1 932	10.0	6.10	14.0	PHG 1932-14M-...
	139	1 946	10.0	6.10	14.0	PHG 1946-14M-...
	140	1 960	10.0	6.10	14.0	PHG 1960-14M-...
	143	2 002	10.0	6.10	14.0	PHG 2002-14M-...
	150	2 100	10.0	6.10	14.0	PHG 2100-14M-...
	160	2 240	10.0	6.10	14.0	PHG 2240-14M-...
	165	2 310	10.0	6.10	14.0	PHG 2310-14M-...
	175	2 450	10.0	6.10	14.0	PHG 2450-14M-...
	175	2 450	10.0	6.10	14.0	PHG 2450-14M-...
	185	2 590	10.0	6.10	14.0	PHG 2590-14M-...
	190	2 660	10.0	6.10	14.0	PHG 2660-14M-...
	200	2 800	10.0	6.10	14.0	PHG 2800-14M-...
	222	3 108	10.0	6.10	14.0	PHG 3108-14M-...
	225	3 150	10.0	6.10	14.0	PHG 3150-14M-...
	236	3 304	10.0	6.10	14.0	PHG 3304-14M-...
	240	3 360	10.0	6.10	14.0	PHG 3360-14M-...
	250	3 500	10.0	6.10	14.0	PHG 3500-14M-...
	262	3 668	10.0	6.10	14.0	PHG 3668-14M-...

Non-standard lengths may also be available.
To complete designation add belt width in mm.
Full sleeves are available in various widths. Please contact your SKF Authorized Distributor.

Double-sided HTD belts D-5M



Section	Number of teeth per side	Dimensions			Designation	
		Pitch length	h	A		p
—	—	mm				—
D-5M	100	500	5.3	1.1	5.0	PHG DA-500-5M-...
	101	505	5.3	1.1	5.0	PHG DA-505-5M-...
	104	520	5.3	1.1	5.0	PHG DA-520-5M-...
	105	525	5.3	1.1	5.0	PHG DA-525-5M-...
	106	530	5.3	1.1	5.0	PHG DA-530-5M-...
	107	535	5.3	1.1	5.0	PHG DA-535-5M-...
	108	540	5.3	1.1	5.0	PHG DA-540-5M-...
	110	550	5.3	1.1	5.0	PHG DA-550-5M-...
	112	560	5.3	1.1	5.0	PHG DA-560-5M-...
	113	565	5.3	1.1	5.0	PHG DA-565-5M-...
	114	570	5.3	1.1	5.0	PHG DA-570-5M-...
	115	575	5.3	1.1	5.0	PHG DA-575-5M-...
	116	580	5.3	1.1	5.0	PHG DA-580-5M-...
	117	585	5.3	1.1	5.0	PHG DA-585-5M-...
	118	590	5.3	1.1	5.0	PHG DA-590-5M-...
	120	600	5.3	1.1	5.0	PHG DA-600-5M-...
	121	605	5.3	1.1	5.0	PHG DA-605-5M-...
	122	610	5.3	1.1	5.0	PHG DA-610-5M-...
	123	615	5.3	1.1	5.0	PHG DA-615-5M-...
	124	620	5.3	1.1	5.0	PHG DA-620-5M-...
	125	625	5.3	1.1	5.0	PHG DA-625-5M-...
	126	630	5.3	1.1	5.0	PHG DA-630-5M-...
	127	635	5.3	1.1	5.0	PHG DA-635-5M-...
	128	640	5.3	1.1	5.0	PHG DA-640-5M-...
	129	645	5.3	1.1	5.0	PHG DA-645-5M-...
	130	650	5.3	1.1	5.0	PHG DA-650-5M-...
	131	655	5.3	1.1	5.0	PHG DA-655-5M-...
	134	670	5.3	1.1	5.0	PHG DA-670-5M-...
	135	675	5.3	1.1	5.0	PHG DA-675-5M-...
	137	685	5.3	1.1	5.0	PHG DA-685-5M-...
	138	690	5.3	1.1	5.0	PHG DA-690-5M-...
	139	695	5.3	1.1	5.0	PHG DA-695-5M-...
	140	700	5.3	1.1	5.0	PHG DA-700-5M-...
	142	710	5.3	1.1	5.0	PHG DA-715-5M-...
	142	710	5.3	1.1	5.0	PHG DA-710-5M-...
	144	720	5.3	1.1	5.0	PHG DA-720-5M-...
	145	725	5.3	1.1	5.0	PHG DA-725-5M-...
	148	740	5.3	1.1	5.0	PHG DA-740-5M-...
	149	745	5.3	1.1	5.0	PHG DA-745-5M-...
	150	750	5.3	1.1	5.0	PHG DA-750-5M-...
	151	755	5.3	1.1	5.0	PHG DA-755-5M-...
	154	770	5.3	1.1	5.0	PHG DA-770-5M-...
	155	775	5.3	1.1	5.0	PHG DA-775-5M-...
	156	780	5.3	1.1	5.0	PHG DA-780-5M-...
	158	790	5.3	1.1	5.0	PHG DA-790-5M-...
	160	800	5.3	1.1	5.0	PHG DA-800-5M-...
	162	810	5.3	1.1	5.0	PHG DA-810-5M-...
	165	825	5.3	1.1	5.0	PHG DA-825-5M-...
	166	830	5.3	1.1	5.0	PHG DA-830-5M-...
	167	835	5.3	1.1	5.0	PHG DA-835-5M-...

Section	Number of teeth per side	Dimensions			Designation	
		Pitch length	h	A		p
—	—	mm				—
D-5M	170	850	5.3	1.1	5.0	PHG DA-850-5M-...
	172	860	5.3	1.1	5.0	PHG DA-860-5M-...
	174	870	5.3	1.1	5.0	PHG DA-870-5M-...
	178	890	5.3	1.1	5.0	PHG DA-890-5M-...
	180	900	5.3	1.1	5.0	PHG DA-900-5M-...
	182	910	5.3	1.1	5.0	PHG DA-910-5M-...
	184	920	5.3	1.1	5.0	PHG DA-920-5M-...
	185	925	5.3	1.1	5.0	PHG DA-925-5M-...
	187	935	5.3	1.1	5.0	PHG DA-935-5M-...
	188	940	5.3	1.1	5.0	PHG DA-940-5M-...
	190	950	5.3	1.1	5.0	PHG DA-950-5M-...
	192	960	5.3	1.1	5.0	PHG DA-960-5M-...
	193	965	5.3	1.1	5.0	PHG DA-965-5M-...
	195	975	5.3	1.1	5.0	PHG DA-975-5M-...
	196	980	5.3	1.1	5.0	PHG DA-980-5M-...
	200	1000	5.3	1.1	5.0	PHG DA-1000-5M-...
	205	1025	5.3	1.1	5.0	PHG DA-1025-5M-...
	207	1035	5.3	1.1	5.0	PHG DA-1035-5M-...
	210	1050	5.3	1.1	5.0	PHG DA-1050-5M-...
	220	1100	5.3	1.1	5.0	PHG DA-1100-5M-...
	223	1115	5.3	1.1	5.0	PHG DA-1115-5M-...
	225	1125	5.3	1.1	5.0	PHG DA-1125-5M-...
	227	1135	5.3	1.1	5.0	PHG DA-1135-5M-...
	229	1145	5.3	1.1	5.0	PHG DA-1145-5M-...
	235	1175	5.3	1.1	5.0	PHG DA-1175-5M-...
	236	1180	5.3	1.1	5.0	PHG DA-1180-5M-...
	239	1195	5.3	1.1	5.0	PHG DA-1195-5M-...
	240	1200	5.3	1.1	5.0	PHG DA-1200-5M-...
	242	1210	5.3	1.1	5.0	PHG DA-1210-5M-...
	245	1225	5.3	1.1	5.0	PHG DA-1225-5M-...
	250	1250	5.3	1.1	5.0	PHG DA-1250-5M-...
	254	1270	5.3	1.1	5.0	PHG DA-1270-5M-...
	258	1290	5.3	1.1	5.0	PHG DA-1290-5M-...
	259	1295	5.3	1.1	5.0	PHG DA-1295-5M-...
	260	1300	5.3	1.1	5.0	PHG DA-1300-5M-...
	268	1340	5.3	1.1	5.0	PHG DA-1340-5M-...
	270	1350	5.3	1.1	5.0	PHG DA-1350-5M-...
	275	1375	5.3	1.1	5.0	PHG DA-1375-5M-...
	280	1400	5.3	1.1	5.0	PHG DA-1400-5M-...
	282	1410	5.3	1.1	5.0	PHG DA-1410-5M-...
	284	1420	5.3	1.1	5.0	PHG DA-1420-5M-...
	290	1450	5.3	1.1	5.0	PHG DA-1450-5M-...
	291	1455	5.3	1.1	5.0	PHG DA-1455-5M-...
	300	1500	5.3	1.1	5.0	PHG DA-1500-5M-...
	319	1595	5.3	1.1	5.0	PHG DA-1595-5M-...
	320	1600	5.3	1.1	5.0	PHG DA-1600-5M-...
	337	1685	5.3	1.1	5.0	PHG DA-1685-5M-...
	338	1690	5.3	1.1	5.0	PHG DA-1690-5M-...

Non-standard lengths may also be available.
To complete designation add belt width in mm.
Double-sided HTD belts are available in symmetric (DA) only.
Full sleeves are available in various widths. Please contact your SKF Authorized Distributor.

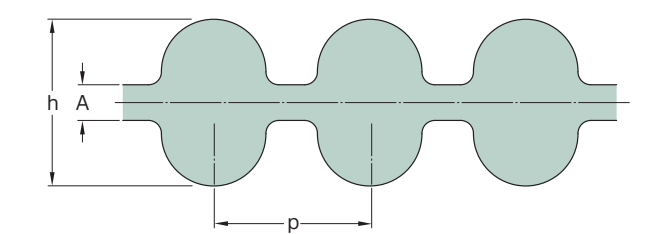
Double-sided HTD belts D-8M

Section	Number of teeth per side	Dimensions			Designation	
		Pitch length	h	A		p
—	—	mm				
D-8M	64	512	8.2	1.4	8.0	PHG DA-512-8M-...
	65	520	8.2	1.4	8.0	PHG DA-520-8M-...
	67	536	8.2	1.4	8.0	PHG DA-536-8M-...
	68	544	8.2	1.4	8.0	PHG DA-544-8M-...
	70	560	8.2	1.4	8.0	PHG DA-560-8M-...
	71	568	8.2	1.4	8.0	PHG DA-568-8M-...
	72	576	8.2	1.4	8.0	PHG DA-576-8M-...
	73	584	8.2	1.4	8.0	PHG DA-584-8M-...
	74	592	8.2	1.4	8.0	PHG DA-592-8M-...
	75	600	8.2	1.4	8.0	PHG DA-600-8M-...
	76	608	8.2	1.4	8.0	PHG DA-608-8M-...
	78	624	8.2	1.4	8.0	PHG DA-624-8M-...
	79	632	8.2	1.4	8.0	PHG DA-632-8M-...
	80	640	8.2	1.4	8.0	PHG DA-640-8M-...
	81	648	8.2	1.4	8.0	PHG DA-648-8M-...
	82	656	8.2	1.4	8.0	PHG DA-656-8M-...
	85	680	8.2	1.4	8.0	PHG DA-680-8M-...
	86	688	8.2	1.4	8.0	PHG DA-688-8M-...
	87	696	8.2	1.4	8.0	PHG DA-696-8M-...
	89	712	8.2	1.4	8.0	PHG DA-712-8M-...
	90	720	8.2	1.4	8.0	PHG DA-720-8M-...
	91	728	8.2	1.4	8.0	PHG DA-728-8M-...
	92	736	8.2	1.4	8.0	PHG DA-736-8M-...
	95	760	8.2	1.4	8.0	PHG DA-760-8M-...
	97	776	8.2	1.4	8.0	PHG DA-776-8M-...
	98	784	8.2	1.4	8.0	PHG DA-784-8M-...
	99	792	8.2	1.4	8.0	PHG DA-792-8M-...
	100	800	8.2	1.4	8.0	PHG DA-800-8M-...
	102	816	8.2	1.4	8.0	PHG DA-816-8M-...
	103	824	8.2	1.4	8.0	PHG DA-824-8M-...
	105	840	8.2	1.4	8.0	PHG DA-840-8M-...
	106	848	8.2	1.4	8.0	PHG DA-848-8M-...
	107	856	8.2	1.4	8.0	PHG DA-856-8M-...
	108	864	8.2	1.4	8.0	PHG DA-864-8M-...
	109	872	8.2	1.4	8.0	PHG DA-872-8M-...
	110	880	8.2	1.4	8.0	PHG DA-880-8M-...
	112	896	8.2	1.4	8.0	PHG DA-896-8M-...
	114	912	8.2	1.4	8.0	PHG DA-912-8M-...
	115	920	8.2	1.4	8.0	PHG DA-920-8M-...
	116	928	8.2	1.4	8.0	PHG DA-928-8M-...
	117	936	8.2	1.4	8.0	PHG DA-936-8M-...
	118	944	8.2	1.4	8.0	PHG DA-944-8M-...
	119	952	8.2	1.4	8.0	PHG DA-952-8M-...
	120	960	8.2	1.4	8.0	PHG DA-960-8M-...
	121	968	8.2	1.4	8.0	PHG DA-968-8M-...
	122	976	8.2	1.4	8.0	PHG DA-976-8M-...
	125	1000	8.2	1.4	8.0	PHG DA-1000-8M-...
	127	1016	8.2	1.4	8.0	PHG DA-1016-8M-...
	128	1024	8.2	1.4	8.0	PHG DA-1024-8M-...
	130	1040	8.2	1.4	8.0	PHG DA-1040-8M-...
	132	1056	8.2	1.4	8.0	PHG DA-1056-8M-...
	133	1064	8.2	1.4	8.0	PHG DA-1064-8M-...
	135	1080	8.2	1.4	8.0	PHG DA-1080-8M-...
	136	1088	8.2	1.4	8.0	PHG DA-1088-8M-...
	138	1104	8.2	1.4	8.0	PHG DA-1104-8M-...
	139	1112	8.2	1.4	8.0	PHG DA-1112-8M-...
	140	1120	8.2	1.4	8.0	PHG DA-1120-8M-...
	141	1128	8.2	1.4	8.0	PHG DA-1128-8M-...
	142	1136	8.2	1.4	8.0	PHG DA-1136-8M-...
	144	1152	8.2	1.4	8.0	PHG DA-1152-8M-...
	145	1160	8.2	1.4	8.0	PHG DA-1160-8M-...
	146	1168	8.2	1.4	8.0	PHG DA-1168-8M-...
	148	1184	8.2	1.4	8.0	PHG DA-1184-8M-...
	149	1192	8.2	1.4	8.0	PHG DA-1192-8M-...
	150	1200	8.2	1.4	8.0	PHG DA-1200-8M-...
	151	1208	8.2	1.4	8.0	PHG DA-1208-8M-...
	152	1216	8.2	1.4	8.0	PHG DA-1216-8M-...
	153	1224	8.2	1.4	8.0	PHG DA-1224-8M-...
	155	1240	8.2	1.4	8.0	PHG DA-1240-8M-...
	156	1248	8.2	1.4	8.0	PHG DA-1248-8M-...

Section	Number of teeth per side	Dimensions			Designation	
		Pitch length	h	A		p
—	—	mm				—
D-8M	157	1256	8.2	1.4	8.0	PHG DA-1256-8M-...
	158	1264	8.2	1.4	8.0	PHG DA-1264-8M-...
	159	1272	8.2	1.4	8.0	PHG DA-1272-8M-...
	160	1280	8.2	1.4	8.0	PHG DA-1280-8M-...
	163	1304	8.2	1.4	8.0	PHG DA-1304-8M-...
	164	1312	8.2	1.4	8.0	PHG DA-1312-8M-...
	165	1320	8.2	1.4	8.0	PHG DA-1320-8M-...
	166	1328	8.2	1.4	8.0	PHG DA-1328-8M-...
	168	1344	8.2	1.4	8.0	PHG DA-1344-8M-...
	169	1352	8.2	1.4	8.0	PHG DA-1352-8M-...
	170	1360	8.2	1.4	8.0	PHG DA-1360-8M-...
	172	1376	8.2	1.4	8.0	PHG DA-1376-8M-...
	174	1392	8.2	1.4	8.0	PHG DA-1392-8M-...
	175	1400	8.2	1.4	8.0	PHG DA-1400-8M-...
	177	1416	8.2	1.4	8.0	PHG DA-1416-8M-...
	178	1424	8.2	1.4	8.0	PHG DA-1424-8M-...
	179	1432	8.2	1.4	8.0	PHG DA-1432-8M-...
	180	1440	8.2	1.4	8.0	PHG DA-1440-8M-...
	182	1456	8.2	1.4	8.0	PHG DA-1456-8M-...
	183	1464	8.2	1.4	8.0	PHG DA-1464-8M-...
	185	1480	8.2	1.4	8.0	PHG DA-1480-8M-...
	189	1512	8.2	1.4	8.0	PHG DA-1512-8M-...
	190	1520	8.2	1.4	8.0	PHG DA-1520-8M-...
	192	1536	8.2	1.4	8.0	PHG DA-1536-8M-...
	194	1552	8.2	1.4	8.0	PHG DA-1552-8M-...
	195	1560	8.2	1.4	8.0	PHG DA-1560-8M-...
	197	1576	8.2	1.4	8.0	PHG DA-1576-8M-...
	200	1600	8.2	1.4	8.0	PHG DA-1600-8M-...
	205	1640	8.2	1.4	8.0	PHG DA-1640-8M-...
	206	1648	8.2	1.4	8.0	PHG DA-1648-8M-...
	210	1680	8.2	1.4	8.0	PHG DA-1680-8M-...
	212	1696	8.2	1.4	8.0	PHG DA-1696-8M-...
	216	1728	8.2	1.4	8.0	PHG DA-1728-8M-...
	220	1760	8.2	1.4	8.0	PHG DA-1760-8M-...
	223	1784	8.2	1.4	8.0	PHG DA-1784-8M-...
	224	1792	8.2	1.4	8.0	PHG DA-1792-8M-...
	225	1800	8.2	1.4	8.0	PHG DA-1800-8M-...
	232	1856	8.2	1.4	8.0	PHG DA-1856-8M-...
	237	1896	8.2	1.4	8.0	PHG DA-1896-8M-...
	238	1904	8.2	1.4	8.0	PHG DA-1904-8M-...
	240	1920	8.2	1.4	8.0	PHG DA-1920-8M-...
	242	1936	8.2	1.4	8.0	PHG DA-1936-8M-...
	244	1952	8.2	1.4	8.0	PHG DA-1952-8M-...
	250	2000	8.2	1.4	8.0	PHG DA-2000-8M-...
	260	2080	8.2	1.4	8.0	PHG DA-2080-8M-...
	262	2096	8.2	1.4	8.0	PHG DA-2096-8M-...
	263	2104	8.2	1.4	8.0	PHG DA-2104-8M-...
	267	2136	8.2	1.4	8.0	PHG DA-2136-8M-...
	270	2160	8.2	1.4	8.0	PHG DA-2160-8M-...
	276	2208	8.2	1.4	8.0	PHG DA-2208-8M-...
	280	2240	8.2	1.4	8.0	PHG DA-2240-8M-...
	281	2248	8.2	1.4	8.0	PHG DA-2248-8M-...
	284	2272	8.2	1.4	8.0	PHG DA-2272-8M-...
	288	2304	8.2	1.4	8.0	PHG DA-2304-8M-...
	291	2328	8.2	1.4	8.0	PHG DA-2328-8M-...
	299	2392	8.2	1.4	8.0	PHG DA-2392-8M-...
	300	2400	8.2	1.4	8.0	PHG DA-2400-8M-...
	313	2504	8.2	1.4	8.0	PHG DA-2504-8M-...
	323	2584	8.2	1.4	8.0	PHG DA-2584-8M-...
	325	2600	8.2	1.4	8.0	PHG DA-2600-8M-...
	332	2656	8.2	1.4	8.0	PHG DA-2656-8M-...
	342	2736	8.2	1.4	8.0	PHG DA-2736-8M-...
	350	2800	8.2	1.4	8.0	PHG DA-2800-8M-...
	381	3048	8.2	1.4	8.0	PHG DA-3048-8M-...
	390	3120	8.2	1.4	8.0	PHG DA-3120-8M-...
	396	3168	8.2	1.4	8.0	PHG DA-3168-8M-...
	400	3200	8.2	1.4	8.0	PHG DA-3200-8M-...
	410	3280	8.2	1.4	8.0	PHG DA-3280-8M-...
	425	3400	8.2	1.4	8.0	PHG DA-3400-8M-...
	450	3600	8.2	1.4	8.0	PHG DA-3600-8M-...

Non-standard lengths may also be available.
To complete designation add belt width in mm.
Double-sided HTD belts are available in symmetric (DA) only.
Full sleeves are available in various widths. Please contact your SKF Authorized Distributor.

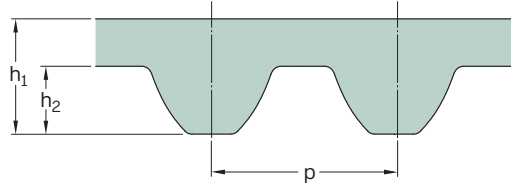
Double-sided HTD belts
D-8M | D-14M



Section	Number of teeth per side	Dimensions				Designation
		Pitch length	h	A	p	
—	—	mm	—	—	—	—
D-8M	465	3 720	8.2	1.4	8.0	PHG DA-3720-8M-...
	478	3 824	8.2	1.4	8.0	PHG DA-3824-8M-...
	483	3 864	8.2	1.4	8.0	PHG DA-3864-8M-...
	500	4 000	8.2	1.4	8.0	PHG DA-4000-8M-...
	525	4 200	8.2	1.4	8.0	PHG DA-4200-8M-...
	550	4 400	8.2	1.4	8.0	PHG DA-4400-8M-...
	640	5 120	8.2	1.4	8.0	PHG DA-5120-8M-...
	700	5 600	8.2	1.4	8.0	PHG DA-5600-8M-...
	745	5 960	8.2	1.4	8.0	PHG DA-5960-8M-...
	825	6 600	8.2	1.4	8.0	PHG DA-6600-8M-...
	860	6 880	8.2	1.4	8.0	PHG DA-6880-8M-...
D-14M	115	1 610	14.8	2.8	14.0	PHG DA-1610-14M-...
	118	1 652	14.8	2.8	14.0	PHG DA-1652-14M-...
	125	1 750	14.8	2.8	14.0	PHG DA-1750-14M-...
	126	1 764	14.8	2.8	14.0	PHG DA-1764-14M-...
	127	1 778	14.8	2.8	14.0	PHG DA-1778-14M-...
	128	1 792	14.8	2.8	14.0	PHG DA-1792-14M-...
	129	1 806	14.8	2.8	14.0	PHG DA-1806-14M-...
	130	1 820	14.8	2.8	14.0	PHG DA-1820-14M-...
	135	1 890	14.8	2.8	14.0	PHG DA-1890-14M-...
	138	1 932	14.8	2.8	14.0	PHG DA-1932-14M-...
	139	1 946	14.8	2.8	14.0	PHG DA-1946-14M-...
	140	1 960	14.8	2.8	14.0	PHG DA-1960-14M-...
	143	2 002	14.8	2.8	14.0	PHG DA-2002-14M-...
	150	2 100	14.8	2.8	14.0	PHG DA-2100-14M-...
	160	2 240	14.8	2.8	14.0	PHG DA-2240-14M-...
	165	2 310	14.8	2.8	14.0	PHG DA-2310-14M-...
	175	2 450	14.8	2.8	14.0	PHG DA-2450-14M-...
	185	2 590	14.8	2.8	14.0	PHG DA-2590-14M-...
	190	2 660	14.8	2.8	14.0	PHG DA-2660-14M-...
	200	2 800	14.8	2.8	14.0	PHG DA-2800-14M-...
	222	3 108	14.8	2.8	14.0	PHG DA-3108-14M-...
	225	3 150	14.8	2.8	14.0	PHG DA-3150-14M-...
	236	3 304	14.8	2.8	14.0	PHG DA-3304-14M-...
	240	3 360	14.8	2.8	14.0	PHG DA-3360-14M-...
	250	3 500	14.8	2.8	14.0	PHG DA-3500-14M-...
	275	3 850	14.8	2.8	14.0	PHG DA-3850-14M-...
	309	4 326	14.8	2.8	14.0	PHG DA-4326-14M-...
	324	4 536	14.8	2.8	14.0	PHG DA-4536-14M-...
	327	4 578	14.8	2.8	14.0	PHG DA-4578-14M-...
	340	4 760	14.8	2.8	14.0	PHG DA-4760-14M-...
	354	4 956	14.8	2.8	14.0	PHG DA-4956-14M-...
	360	5 040	14.8	2.8	14.0	PHG DA-5040-14M-...
	380	5 320	14.8	2.8	14.0	PHG DA-5320-14M-...
	410	5 740	14.8	2.8	14.0	PHG DA-5740-14M-...
	424	5 936	14.8	2.8	14.0	PHG DA-5936-14M-...
	440	6 160	14.8	2.8	14.0	PHG DA-6160-14M-...
	490	6 860	14.8	2.8	14.0	PHG DA-6860-14M-...

Non-standard lengths may also be available.
To complete designation add belt width in mm.
Double-sided HTD belts are available in symmetric (DA) only.
Full sleeves are available in various widths. Please contact your SKF Authorized Distributor.

Super torque timing belts
S2M | S3M

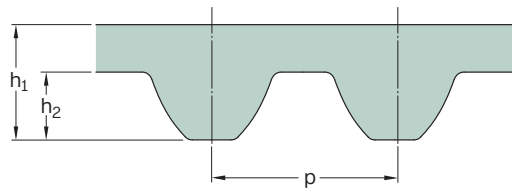


A

Section	Number of teeth	Dimensions		h ₁	h ₂	p	Designation
		Pitch length					
–	–	in.	mm	–	–	–	–
S2M	30	2.36	60	1.36	0.76	2	PHG S2M-60-...
	40	3.15	80	1.36	0.76	2	PHG S2M-80-...
	48	3.78	96	1.36	0.76	2	PHG S2M-96-...
	55	4.33	110	1.36	0.76	2	PHG S2M-110-...
	60	4.72	120	1.36	0.76	2	PHG S2M-120-...
	63	4.96	126	1.36	0.76	2	PHG S2M-126-...
	64	5.04	128	1.36	0.76	2	PHG S2M-128-...
	65	5.12	130	1.36	0.76	2	PHG S2M-130-...
	66	5.20	132	1.36	0.76	2	PHG S2M-132-...
	67	5.28	134	1.36	0.76	2	PHG S2M-134-...
	69	5.43	138	1.36	0.76	2	PHG S2M-138-...
	73	5.75	146	1.36	0.76	2	PHG S2M-146-...
	76	5.98	152	1.36	0.76	2	PHG S2M-152-...
	78	6.14	156	1.36	0.76	2	PHG S2M-156-...
	80	6.30	160	1.36	0.76	2	PHG S2M-160-...
	84	6.61	168	1.36	0.76	2	PHG S2M-168-...
	90	7.09	180	1.36	0.76	2	PHG S2M-180-...
	91	7.17	182	1.36	0.76	2	PHG S2M-182-...
	92	7.24	184	1.36	0.76	2	PHG S2M-184-...
	93	7.32	186	1.36	0.76	2	PHG S2M-186-...
	96	7.56	192	1.36	0.76	2	PHG S2M-192-...
	97	7.64	194	1.36	0.76	2	PHG S2M-194-...
	99	7.80	198	1.36	0.76	2	PHG S2M-198-...
	100	7.87	200	1.36	0.76	2	PHG S2M-200-...
	101	7.95	202	1.36	0.76	2	PHG S2M-202-...
	102	8.03	204	1.36	0.76	2	PHG S2M-204-...
	112	8.82	224	1.36	0.76	2	PHG S2M-224-...
	117	9.21	234	1.36	0.76	2	PHG S2M-234-...
	118	9.29	236	1.36	0.76	2	PHG S2M-236-...
	120	9.45	240	1.36	0.76	2	PHG S2M-240-...
	122	9.61	244	1.36	0.76	2	PHG S2M-244-...
	125	9.84	250	1.36	0.76	2	PHG S2M-250-...
	130	10.24	260	1.36	0.76	2	PHG S2M-260-...
	132	10.39	264	1.36	0.76	2	PHG S2M-264-...
	144	11.34	288	1.36	0.76	2	PHG S2M-288-...
	156	12.28	312	1.36	0.76	2	PHG S2M-312-...
	158	12.44	316	1.36	0.76	2	PHG S2M-316-...
	168	13.23	336	1.36	0.76	2	PHG S2M-336-...
	177	13.94	354	1.36	0.76	2	PHG S2M-354-...
	210	16.54	420	1.36	0.76	2	PHG S2M-420-...
	247	19.45	494	1.36	0.76	2	PHG S2M-494-...
	290	22.83	580	1.36	0.76	2	PHG S2M-580-...
	1500	118.11	3000	1.36	0.76	2	PHG S2M-3000-...
	1850	145.67	3700	1.36	0.76	2	PHG S2M-3700-...
S3M	40	4.72	120	2.20	1.14	3	PHG S3M-120-...
	43	5.08	129	2.20	1.14	3	PHG S3M-129-...
	48	5.67	144	2.20	1.14	3	PHG S3M-144-...
	50	5.91	150	2.20	1.14	3	PHG S3M-150-...
	52	6.14	156	2.20	1.14	3	PHG S3M-156-...
	54	6.38	162	2.20	1.14	3	PHG S3M-162-...
	55	6.50	165	2.20	1.14	3	PHG S3M-165-...
	57	6.73	171	2.20	1.14	3	PHG S3M-171-...
	58	6.85	174	2.20	1.14	3	PHG S3M-174-...
	59	6.97	177	2.20	1.14	3	PHG S3M-177-...
	60	7.09	180	2.20	1.14	3	PHG S3M-180-...
	62	7.32	186	2.20	1.14	3	PHG S3M-186-...
	63	7.44	189	2.20	1.14	3	PHG S3M-189-...
	64	7.56	192	2.20	1.14	3	PHG S3M-192-...
	67	7.91	201	2.20	1.14	3	PHG S3M-201-...
	68	8.03	204	2.20	1.14	3	PHG S3M-204-...
	69	8.15	207	2.20	1.14	3	PHG S3M-207-...
	70	8.27	210	2.20	1.14	3	PHG S3M-210-...
	71	8.39	213	2.20	1.14	3	PHG S3M-213-...
	73	8.62	219	2.20	1.14	3	PHG S3M-219-...
	74	8.74	222	2.20	1.14	3	PHG S3M-222-...
	75	8.86	225	2.20	1.14	3	PHG S3M-225-...
	77	9.09	231	2.20	1.14	3	PHG S3M-231-...
	78	9.21	234	2.20	1.14	3	PHG S3M-234-...
	79	9.33	237	2.20	1.14	3	PHG S3M-237-...
	80	9.45	240	2.20	1.14	3	PHG S3M-240-...
	82	9.69	246	2.20	1.14	3	PHG S3M-246-...
	83	9.80	249	2.20	1.14	3	PHG S3M-249-...
	84	9.92	252	2.20	1.14	3	PHG S3M-252-...
	85	10.04	255	2.20	1.14	3	PHG S3M-255-...
	88	10.39	264	2.20	1.14	3	PHG S3M-264-...
	89	10.51	267	2.20	1.14	3	PHG S3M-267-...
	92	10.87	276	2.20	1.14	3	PHG S3M-276-...
	94	11.10	282	2.20	1.14	3	PHG S3M-282-...
	96	11.34	288	2.20	1.14	3	PHG S3M-288-...
	97	11.46	291	2.20	1.14	3	PHG S3M-291-...
	98	11.57	294	2.20	1.14	3	PHG S3M-294-...
	99	11.69	297	2.20	1.14	3	PHG S3M-297-...
	100	11.81	300	2.20	1.14	3	PHG S3M-300-...
	104	12.28	312	2.20	1.14	3	PHG S3M-312-...
	106	12.52	318	2.20	1.14	3	PHG S3M-318-...
	107	12.64	321	2.20	1.14	3	PHG S3M-321-...
	109	12.87	327	2.20	1.14	3	PHG S3M-327-...
	110	12.99	330	2.20	1.14	3	PHG S3M-330-...
	111	13.11	333	2.20	1.14	3	PHG S3M-333-...
	113	13.35	339	2.20	1.14	3	PHG S3M-339-...
	115	13.58	345	2.20	1.14	3	PHG S3M-345-...
	117	13.82	351	2.20	1.14	3	PHG S3M-351-...
	118	13.94	354	2.20	1.14	3	PHG S3M-354-...
	119	14.06	357	2.20	1.14	3	PHG S3M-357-...
	120	14.17	360	2.20	1.14	3	PHG S3M-360-...
	121	14.29	363	2.20	1.14	3	PHG S3M-363-...
	123	14.53	369	2.20	1.14	3	PHG S3M-369-...
	128	15.12	384	2.20	1.14	3	PHG S3M-384-...
	135	15.94	405	2.20	1.14	3	PHG S3M-405-...

To complete designation add belt width in mm.
Non-standard lengths may also be available.
Full sleeves are available in various widths. Please contact your SKF Authorized Distributor.
For polyurethane version, add "PU" to the profile type. For example: PHG S14MPU-1000-...

Super torque timing belts
S3M | S4.5M | S5M



Section	Number of teeth	Dimensions		h_1	h_2	p	Designation
		Pitch length					
–	–	<i>in.</i>	<i>mm</i>				–
S3M	136	16.06	408	2.20	1.14	3	PHG S3M-408-...
	139	16.42	417	2.20	1.14	3	PHG S3M-417-...
	140	16.54	420	2.20	1.14	3	PHG S3M-420-...
	144	17.01	432	2.20	1.14	3	PHG S3M-432-...
	149	17.60	447	2.20	1.14	3	PHG S3M-447-...
	151	17.83	453	2.20	1.14	3	PHG S3M-453-...
	153	18.07	459	2.20	1.14	3	PHG S3M-459-...
	155	18.31	465	2.20	1.14	3	PHG S3M-465-...
	156	18.43	468	2.20	1.14	3	PHG S3M-468-...
	162	19.13	486	2.20	1.14	3	PHG S3M-486-...
	167	19.72	501	2.20	1.14	3	PHG S3M-501-...
	168	19.84	504	2.20	1.14	3	PHG S3M-504-...
	169	19.96	507	2.20	1.14	3	PHG S3M-507-...
	179	21.14	537	2.20	1.14	3	PHG S3M-537-...
	188	22.20	564	2.20	1.14	3	PHG S3M-564-...
	191	22.56	573	2.20	1.14	3	PHG S3M-573-...
	195	23.03	585	2.20	1.14	3	PHG S3M-585-...
	199	23.50	597	2.20	1.14	3	PHG S3M-597-...
	202	23.86	606	2.20	1.14	3	PHG S3M-606-...
	207	24.45	621	2.20	1.14	3	PHG S3M-621-...
	211	24.92	633	2.20	1.14	3	PHG S3M-633-...
	212	25.04	636	2.20	1.14	3	PHG S3M-636-...
	217	25.63	651	2.20	1.14	3	PHG S3M-651-...
	219	25.87	657	2.20	1.14	3	PHG S3M-657-...
	220	25.98	660	2.20	1.14	3	PHG S3M-660-...
	222	26.22	666	2.20	1.14	3	PHG S3M-666-...
	230	27.17	690	2.20	1.14	3	PHG S3M-690-...
	233	27.52	699	2.20	1.14	3	PHG S3M-699-...
	238	28.11	714	2.20	1.14	3	PHG S3M-714-...
	240	29.53	750	2.20	1.14	3	PHG S3M-750-...
	268	31.65	804	2.20	1.14	3	PHG S3M-804-...
	298	35.20	894	2.20	1.14	3	PHG S3M-894-...
	350	41.34	1050	2.20	1.14	3	PHG S3M-1050-...
	375	44.29	1125	2.20	1.14	3	PHG S3M-1125-...
	474	55.98	1422	2.20	1.14	3	PHG S3M-1422-...
	532	62.83	1596	2.20	1.14	3	PHG S3M-1596-...
	1 465	173.03	4 395	2.20	1.14	3	PHG S3M-4395-...
	1 568	185.20	4 704	2.20	1.14	3	PHG S3M-4704-...
	2 170	256.30	6 510	2.20	1.14	3	PHG S3M-6510-...
S4.5M	40	7.09	180	2.81	1.71	4.5	PHG S4.5M-180-...
	44	7.80	198	2.81	1.71	4.5	PHG S4.5M-198-...
	50	8.86	225	2.81	1.71	4.5	PHG S4.5M-225-...
	53	9.41	239	2.81	1.71	4.5	PHG S4.5M-239-...
	56	9.92	252	2.81	1.71	4.5	PHG S4.5M-252-...
	61	10.83	275	2.81	1.71	4.5	PHG S4.5M-275-...
	62	10.98	279	2.81	1.71	4.5	PHG S4.5M-279-...
	63	11.18	284	2.81	1.71	4.5	PHG S4.5M-284-...
	66	11.69	297	2.81	1.71	4.5	PHG S4.5M-297-...
	70	12.40	315	2.81	1.71	4.5	PHG S4.5M-315-...
	73	12.95	329	2.81	1.71	4.5	PHG S4.5M-329-...
	74	13.11	333	2.81	1.71	4.5	PHG S4.5M-333-...
	75	13.31	338	2.81	1.71	4.5	PHG S4.5M-338-...
	76	13.46	342	2.81	1.71	4.5	PHG S4.5M-342-...

Section	Number of teeth	Dimensions		h_1	h_2	p	Designation
		Pitch length					
–	–	<i>in.</i>	<i>mm</i>				–
S4.5M	73	12.95	329	2.81	1.71	4.5	PHG S4.5M-329-...
	74	13.11	333	2.81	1.71	4.5	PHG S4.5M-333-...
	75	13.31	338	2.81	1.71	4.5	PHG S4.5M-338-...
	76	13.46	342	2.81	1.71	4.5	PHG S4.5M-342-...
	78	13.82	351	2.81	1.71	4.5	PHG S4.5M-351-...
	80	14.17	360	2.81	1.71	4.5	PHG S4.5M-360-...
	82	14.53	369	2.81	1.71	4.5	PHG S4.5M-369-...
	84	15.04	382	2.81	1.71	4.5	PHG S4.5M-382-...
	86	15.24	387	2.81	1.71	4.5	PHG S4.5M-387-...
	88	15.59	396	2.81	1.71	4.5	PHG S4.5M-396-...
	92	16.30	414	2.81	1.71	4.5	PHG S4.5M-414-...
	97	17.20	437	2.81	1.71	4.5	PHG S4.5M-437-...
	100	17.72	450	2.81	1.71	4.5	PHG S4.5M-450-...
	112	19.84	504	2.81	1.71	4.5	PHG S4.5M-504-...
	124	21.97	558	2.81	1.71	4.5	PHG S4.5M-558-...
S5M	125	22.17	563	2.81	1.71	4.5	PHG S4.5M-563-...
	140	24.80	630	2.81	1.71	4.5	PHG S4.5M-630-...
	145	25.71	653	2.81	1.71	4.5	PHG S4.5M-653-...
	158	27.99	711	2.81	1.71	4.5	PHG S4.5M-711-...
	192	34.02	864	2.81	1.71	4.5	PHG S4.5M-864-...
	201	35.63	905	2.81	1.71	4.5	PHG S4.5M-905-...
	207	36.69	932	2.81	1.71	4.5	PHG S4.5M-932-...
	30	5.91	150	3.41	1.91	5	PHG S5M-150-...
	40	7.87	200	3.41	1.91	5	PHG S5M-200-...
	50	9.84	250	3.41	1.91	5	PHG S5M-250-...
	51	10.04	255	3.41	1.91	5	PHG S5M-255-...
	53	10.43	265	3.41	1.91	5	PHG S5M-265-...
	54	10.63	270	3.41	1.91	5	PHG S5M-270-...
	57	11.22	285	3.41	1.91	5	PHG S5M-285-...
	59	11.61	295	3.41	1.91	5	PHG S5M-295-...
	64	12.60	320	3.41	1.91	5	PHG S5M-320-...
	65	12.80	325	3.41	1.91	5	PHG S5M-325-...
	69	13.58	345	3.41	1.91	5	PHG S5M-345-...
	70	13.78	350	3.41	1.91	5	PHG S5M-350-...
	75	14.76	375	3.41	1.91	5	PHG S5M-375-...
	78	15.35	390	3.41	1.91	5	PHG S5M-390-...
	80	15.75	400	3.41	1.91	5	PHG S5M-400-...
	82	16.14	410	3.41	1.91	5	PHG S5M-410-...
	85	16.73	425	3.41	1.91	5	PHG S5M-425-...
	90	17.72	450	3.41	1.91	5	PHG S5M-450-...
	95	18.70	475	3.41	1.91	5	PHG S5M-475-...
	98	19.29	490	3.41	1.91	5	PHG S5M-490-...
	100	19.69	500	3.41	1.91	5	PHG S5M-500-...
	104	20.47	520	3.41	1.91	5	PHG S5M-520-...
	105	20.67	525	3.41	1.91	5	PHG S5M-525-...
	112	22.05	560	3.41	1.91	5	PHG S5M-560-...
	113	22.24	565	3.41	1.91	5	PHG S5M-565-...

To complete designation add belt width in mm.
Non-standard lengths may also be available.
Full sleeves are available in various widths. Please contact your SKF Authorized Distributor.
For polyurethane version, add "PU" to the profile type. For example: PHG S14MPU-1000-...

Super torque timing belts

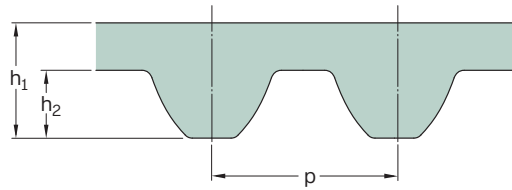
S5M | S8M

Section	Number of teeth	Dimensions		Designation			Section	Number of teeth	Dimensions		Designation		
		Pitch length		h_1	h_2	p			Pitch length		h_1	h_2	p
—	—	in.	mm				—	—	in.	mm			
S5M	115	22.64	575	3.41	1.91	5	S8M	118	37.17	944	5.30	3.05	8
	120	23.62	600	3.41	1.91	5		120	37.80	960	5.30	3.05	8
	125	24.61	625	3.41	1.91	5		122	38.43	976	5.30	3.05	8
	130	25.59	650	3.41	1.91	5		123	38.74	984	5.30	3.05	8
	133	26.18	665	3.41	1.91	5		124	39.06	992	5.30	3.05	8
	134	26.38	670	3.41	1.91	5		125	39.37	1000	5.30	3.05	8
	135	26.57	675	3.41	1.91	5		126	39.69	1008	5.30	3.05	8
	140	27.56	700	3.41	1.91	5		129	40.63	1032	5.30	3.05	8
	150	29.53	750	3.41	1.91	5		130	40.94	1040	5.30	3.05	8
	153	30.12	765	3.41	1.91	5		132	41.57	1056	5.30	3.05	8
	156	30.71	780	3.41	1.91	5		133	41.89	1064	5.30	3.05	8
	160	31.50	800	3.41	1.91	5		135	42.52	1080	5.30	3.05	8
	162	31.89	810	3.41	1.91	5		137	43.15	1096	5.30	3.05	8
	165	32.48	825	3.41	1.91	5		138	43.46	1104	5.30	3.05	8
	166	32.68	830	3.41	1.91	5		140	44.09	1120	5.30	3.05	8
	170	33.46	850	3.41	1.91	5		141	44.41	1128	5.30	3.05	8
	178	35.04	890	3.41	1.91	5		142	44.72	1136	5.30	3.05	8
	180	35.43	900	3.41	1.91	5		143	45.04	1144	5.30	3.05	8
	190	37.40	950	3.41	1.91	5		144	45.35	1152	5.30	3.05	8
	195	38.39	975	3.41	1.91	5		145	45.67	1160	5.30	3.05	8
	200	39.37	1000	3.41	1.91	5		146	45.98	1168	5.30	3.05	8
	210	41.34	1050	3.41	1.91	5		148	46.61	1184	5.30	3.05	8
	220	43.31	1100	3.41	1.91	5		149	46.93	1192	5.30	3.05	8
	225	44.29	1125	3.41	1.91	5		150	47.24	1200	5.30	3.05	8
	229	45.08	1145	3.41	1.91	5		151	47.56	1208	5.30	3.05	8
	245	48.23	1225	3.41	1.91	5		152	47.87	1216	5.30	3.05	8
	254	50.00	1270	3.41	1.91	5		153	48.19	1224	5.30	3.05	8
	270	53.15	1350	3.41	1.91	5		155	48.82	1240	5.30	3.05	8
	360	70.87	1800	3.41	1.91	5		156	49.13	1248	5.30	3.05	8
	400	78.74	2000	3.41	1.91	5		157	49.45	1256	5.30	3.05	8
	614	120.87	3070	3.41	1.91	5		158	49.76	1264	5.30	3.05	8
	800	157.48	4000	3.41	1.91	5		160	50.39	1280	5.30	3.05	8
S8M	47	14.80	376	5.30	3.05	8		162	51.02	1296	5.30	3.05	8
	48	15.12	384	5.30	3.05	8		163	51.34	1304	5.30	3.05	8
	49	15.43	392	5.30	3.05	8		164	51.65	1312	5.30	3.05	8
	55	17.32	440	5.30	3.05	8		165	51.97	1320	5.30	3.05	8
	60	18.90	480	5.30	3.05	8		168	52.91	1344	5.30	3.05	8
	62	19.53	496	5.30	3.05	8		169	53.23	1352	5.30	3.05	8
	64	20.16	512	5.30	3.05	8		170	53.54	1360	5.30	3.05	8
	65	20.47	520	5.30	3.05	8		173	54.49	1384	5.30	3.05	8
	66	20.79	528	5.30	3.05	8		174	54.80	1392	5.30	3.05	8
	67	21.10	536	5.30	3.05	8		175	55.12	1400	5.30	3.05	8
	70	22.05	560	5.30	3.05	8		178	56.06	1424	5.30	3.05	8
	73	22.99	584	5.30	3.05	8		179	56.38	1432	5.30	3.05	8
	75	23.62	600	5.30	3.05	8		180	56.69	1440	5.30	3.05	8
	79	24.88	632	5.30	3.05	8		185	58.27	1480	5.30	3.05	8
	80	25.20	640	5.30	3.05	8		189	59.53	1512	5.30	3.05	8
	82	25.83	656	5.30	3.05	8		191	60.16	1528	5.30	3.05	8
	85	26.77	680	5.30	3.05	8		192	60.47	1536	5.30	3.05	8
	86	27.09	688	5.30	3.05	8		193	60.79	1544	5.30	3.05	8
	89	28.03	712	5.30	3.05	8		194	61.10	1552	5.30	3.05	8
	90	28.35	720	5.30	3.05	8		200	62.99	1600	5.30	3.05	8
	91	28.66	728	5.30	3.05	8		203	63.94	1624	5.30	3.05	8
	95	29.92	760	5.30	3.05	8		204	64.25	1632	5.30	3.05	8
	96	30.24	768	5.30	3.05	8		206	64.88	1648	5.30	3.05	8
	98	30.87	784	5.30	3.05	8		209	65.83	1672	5.30	3.05	8
	100	31.50	800	5.30	3.05	8		210	66.14	1680	5.30	3.05	8
	103	32.44	824	5.30	3.05	8		212	66.77	1696	5.30	3.05	8
	105	33.07	840	5.30	3.05	8		216	68.03	1728	5.30	3.05	8
	106	33.39	848	5.30	3.05	8		220	69.29	1760	5.30	3.05	8
	108	34.02	864	5.30	3.05	8		222	69.92	1776	5.30	3.05	8
	109	34.33	872	5.30	3.05	8		225	70.87	1800	5.30	3.05	8
	110	34.65	880	5.30	3.05	8		239	75.28	1912	5.30	3.05	8
	112	35.28	896	5.30	3.05	8		250	78.74	2000	5.30	3.05	8
	114	35.91	912	5.30	3.05	8		253	79.69	2024	5.30	3.05	8
	115	36.22	920	5.30	3.05	8		254	80.00	2032	5.30	3.05	8
	116	36.54	928	5.30	3.05	8		256	80.63	2048	5.30	3.05	8
								263	82.83	2104	5.30	3.05	8
								280	88.19	2240	5.30	3.05	8
								284	89.45	2272	5.30	3.05	8

To complete designation add belt width in mm.
Non-standard lengths may also be available.
Full sleeves are available in various widths. Please contact your SKF Authorized Distributor.
For polyurethane version, add "PU" to the profile type. For example: PHG S14MPU-1000-...

Super torque timing belts

S8M | S14M



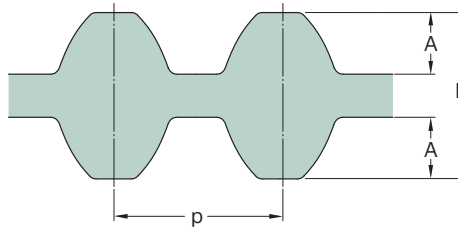
Section	Number of teeth	Dimensions		h_1	h_2	p	Designation	
		Pitch length						
—	—	<i>in.</i>	mm				—	
S8M	288	90.71	2 304	5.30	3.05	8	PHG S8M-2304-...	
	300	94.49	2 400	5.30	3.05	8	PHG S8M-2400-...	
	304	95.75	2 432	5.30	3.05	8	PHG S8M-2432-...	
	312	98.27	2 496	5.30	3.05	8	PHG S8M-2496-...	
	317	99.84	2 536	5.30	3.05	8	PHG S8M-2536-...	
	320	100.79	2 560	5.30	3.05	8	PHG S8M-2560-...	
	325	102.36	2 600	5.30	3.05	8	PHG S8M-2600-...	
	350	110.24	2 800	5.30	3.05	8	PHG S8M-2800-...	
	356	112.13	2 848	5.30	3.05	8	PHG S8M-2848-...	
	360	113.39	2 880	5.30	3.05	8	PHG S8M-2880-...	
	375	118.11	3 000	5.30	3.05	8	PHG S8M-3000-...	
	400	125.98	3 200	5.30	3.05	8	PHG S8M-3200-...	
	450	141.73	3 600	5.30	3.05	8	PHG S8M-3600-...	
	465	146.46	3 720	5.30	3.05	8	PHG S8M-3720-...	
	500	157.48	4 000	5.30	3.05	8	PHG S8M-4000-...	
	585	184.25	4 680	5.30	3.05	8	PHG S8M-4680-...	
	617	194.33	4 936	5.30	3.05	8	PHG S8M-4936-...	
	635	200.00	5 080	5.30	3.05	8	PHG S8M-5080-...	
	700	220.47	5 600	5.30	3.05	8	PHG S8M-5600-...	
	712	224.25	5 696	5.30	3.05	8	PHG S8M-5696-...	
	830	261.42	6 640	5.30	3.05	8	PHG S8M-6640-...	
	S14M	51	28.11	714	10.20	5.30	14	PHG S14M-714-...
		72	39.69	1 008	10.20	5.30	14	PHG S14M-1008-...
		74	40.79	1 036	10.20	5.30	14	PHG S14M-1036-...
		80	44.09	1 120	10.20	5.30	14	PHG S14M-1120-...
		85	46.85	1 190	10.20	5.30	14	PHG S14M-1190-...
		89	49.06	1 246	10.20	5.30	14	PHG S14M-1246-...
		100	55.12	1 400	10.20	5.30	14	PHG S14M-1400-...
		104	57.32	1 456	10.20	5.30	14	PHG S14M-1456-...
		110	60.63	1 540	10.20	5.30	14	PHG S14M-1540-...
115		63.39	1 610	10.20	5.30	14	PHG S14M-1610-...	
118		65.04	1 652	10.20	5.30	14	PHG S14M-1652-...	
125		68.90	1 750	10.20	5.30	14	PHG S14M-1750-...	
129		71.10	1 806	10.20	5.30	14	PHG S14M-1806-...	
135		74.41	1 890	10.20	5.30	14	PHG S14M-1890-...	
140		77.17	1 960	10.20	5.30	14	PHG S14M-1960-...	
143		78.82	2 002	10.20	5.30	14	PHG S14M-2002-...	
150		82.68	2 100	10.20	5.30	14	PHG S14M-2100-...	
157		86.54	2 198	10.20	5.30	14	PHG S14M-2198-...	
160		88.19	2 240	10.20	5.30	14	PHG S14M-2240-...	
165		90.94	2 310	10.20	5.30	14	PHG S14M-2310-...	
170		93.70	2 380	10.20	5.30	14	PHG S14M-2380-...	
175		96.46	2 450	10.20	5.30	14	PHG S14M-2450-...	
185		101.97	2 590	10.20	5.30	14	PHG S14M-2590-...	
190		104.72	2 660	10.20	5.30	14	PHG S14M-2660-...	
200		110.24	2 800	10.20	5.30	14	PHG S14M-2800-...	

Section	Number of teeth	Dimensions					Designation
		Pitch length		h_1	h_2	p	
—	—	<i>in.</i>	mm				—
S14M	201	110.79	2 814	10.20	5.30	14	PHG S14M-2814-...
	225	124.02	3 150	10.20	5.30	14	PHG S14M-3150-...
	250	137.80	3 500	10.20	5.30	14	PHG S14M-3500-...
	275	151.57	3 850	10.20	5.30	14	PHG S14M-3850-...
	286	157.64	4 004	10.20	5.30	14	PHG S14M-4004-...
	315	173.62	4 410	10.20	5.30	14	PHG S14M-4410-...
	322	177.48	4 508	10.20	5.30	14	PHG S14M-4508-...
	358	197.32	5 012	10.20	5.30	14	PHG S14M-5012-...

To complete designation add belt width in mm.
Non-standard lengths may also be available.
Full sleeves are available in various widths. Please contact your SKF Authorized Distributor.
For polyurethane version, add "PU" to the profile type. For example: PHG S14MPU-1000-...

Double-sided super torque timing belts

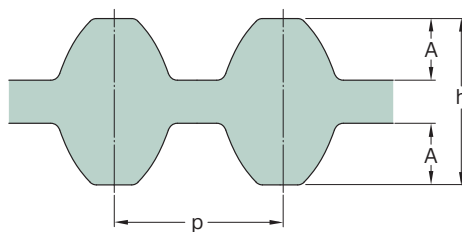
DS5M | DS8M



Section	Number of teeth per side	Dimensions		h	A	p	Designation	Section	Number of teeth	Dimensions		h	A	p	Designation
		Pitch length	Pitch length							Pitch length	Pitch length				
–	–	in.	mm	–	–	–	–	–	–	in.	mm	–	–	–	–
DS5M	100	19.69	500	4.96	1.91	5	PHG DS5M-500-...	DS8M	105	33.07	840	7.47	3.05	8	PHG DS8M-840-...
	104	20.47	520	4.96	1.91	5	PHG DS5M-520-...		106	33.39	848	7.47	3.05	8	PHG DS8M-848-...
	105	20.67	525	4.96	1.91	5	PHG DS5M-525-...		108	34.02	864	7.47	3.05	8	PHG DS8M-864-...
	112	22.05	560	4.96	1.91	5	PHG DS5M-560-...		109	34.33	872	7.47	3.05	8	PHG DS8M-872-...
	113	22.24	565	4.96	1.91	5	PHG DS5M-565-...		110	34.65	880	7.47	3.05	8	PHG DS8M-880-...
	115	22.64	575	4.96	1.91	5	PHG DS5M-575-...		112	35.28	896	7.47	3.05	8	PHG DS8M-896-...
	120	23.62	600	4.96	1.91	5	PHG DS5M-600-...		114	35.91	912	7.47	3.05	8	PHG DS8M-912-...
	125	24.61	625	4.96	1.91	5	PHG DS5M-625-...		115	36.22	920	7.47	3.05	8	PHG DS8M-920-...
	130	25.59	650	4.96	1.91	5	PHG DS5M-650-...		116	36.54	928	7.47	3.05	8	PHG DS8M-928-...
	133	26.18	665	4.96	1.91	5	PHG DS5M-665-...		118	37.17	944	7.47	3.05	8	PHG DS8M-944-...
	134	26.38	670	4.96	1.91	5	PHG DS5M-670-...		120	37.80	960	7.47	3.05	8	PHG DS8M-960-...
	135	26.57	675	4.96	1.91	5	PHG DS5M-675-...		122	38.43	976	7.47	3.05	8	PHG DS8M-976-...
	140	27.56	700	4.96	1.91	5	PHG DS5M-700-...		123	38.74	984	7.47	3.05	8	PHG DS8M-984-...
	150	29.53	750	4.96	1.91	5	PHG DS5M-750-...		124	39.06	992	7.47	3.05	8	PHG DS8M-992-...
	153	30.12	765	4.96	1.91	5	PHG DS5M-765-...		125	39.37	1000	7.47	3.05	8	PHG DS8M-1000-...
	156	30.71	780	4.96	1.91	5	PHG DS5M-780-...		126	39.69	1008	7.47	3.05	8	PHG DS8M-1008-...
	160	31.50	800	4.96	1.91	5	PHG DS5M-800-...		129	40.63	1032	7.47	3.05	8	PHG DS8M-1032-...
	162	31.89	810	4.96	1.91	5	PHG DS5M-810-...		130	40.94	1040	7.47	3.05	8	PHG DS8M-1040-...
	165	32.48	825	4.96	1.91	5	PHG DS5M-825-...		132	41.57	1056	7.47	3.05	8	PHG DS8M-1056-...
	166	32.68	830	4.96	1.91	5	PHG DS5M-830-...		133	41.89	1064	7.47	3.05	8	PHG DS8M-1064-...
	170	33.46	850	4.96	1.91	5	PHG DS5M-850-...		135	42.52	1080	7.47	3.05	8	PHG DS8M-1080-...
	178	35.04	890	4.96	1.91	5	PHG DS5M-890-...		137	43.15	1096	7.47	3.05	8	PHG DS8M-1096-...
	180	35.43	900	4.96	1.91	5	PHG DS5M-900-...		138	43.46	1104	7.47	3.05	8	PHG DS8M-1104-...
	190	37.40	950	4.96	1.91	5	PHG DS5M-950-...		140	44.09	1120	7.47	3.05	8	PHG DS8M-1120-...
	195	38.39	975	4.96	1.91	5	PHG DS5M-975-...		141	44.41	1128	7.47	3.05	8	PHG DS8M-1128-...
	200	39.37	1000	4.96	1.91	5	PHG DS5M-1000-...		142	44.72	1136	7.47	3.05	8	PHG DS8M-1136-...
	210	41.34	1050	4.96	1.91	5	PHG DS5M-1050-...		143	45.04	1144	7.47	3.05	8	PHG DS8M-1144-...
	220	43.31	1100	4.96	1.91	5	PHG DS5M-1100-...		144	45.35	1152	7.47	3.05	8	PHG DS8M-1152-...
	225	44.29	1125	4.96	1.91	5	PHG DS5M-1125-...		145	45.67	1160	7.47	3.05	8	PHG DS8M-1160-...
	229	45.08	1145	4.96	1.91	5	PHG DS5M-1145-...		146	45.98	1168	7.47	3.05	8	PHG DS8M-1168-...
	245	48.23	1225	4.96	1.91	5	PHG DS5M-1225-...		148	46.61	1184	7.47	3.05	8	PHG DS8M-1184-...
	254	50.00	1270	4.96	1.91	5	PHG DS5M-1270-...		149	46.93	1192	7.47	3.05	8	PHG DS8M-1192-...
	270	53.15	1350	4.96	1.91	5	PHG DS5M-1350-...		150	47.24	1200	7.47	3.05	8	PHG DS8M-1200-...
DS8M	64	20.16	512	7.47	3.05	8	PHG DS8M-512-...		151	47.56	1208	7.47	3.05	8	PHG DS8M-1208-...
	65	20.47	520	7.47	3.05	8	PHG DS8M-520-...		152	47.87	1216	7.47	3.05	8	PHG DS8M-1216-...
	66	20.79	528	7.47	3.05	8	PHG DS8M-528-...		153	48.19	1224	7.47	3.05	8	PHG DS8M-1224-...
	67	21.10	536	7.47	3.05	8	PHG DS8M-536-...		155	48.82	1240	7.47	3.05	8	PHG DS8M-1240-...
	70	22.05	560	7.47	3.05	8	PHG DS8M-560-...		156	49.13	1248	7.47	3.05	8	PHG DS8M-1248-...
	73	22.99	584	7.47	3.05	8	PHG DS8M-584-...		157	49.45	1256	7.47	3.05	8	PHG DS8M-1256-...
	75	23.62	600	7.47	3.05	8	PHG DS8M-600-...		158	49.76	1264	7.47	3.05	8	PHG DS8M-1264-...
	79	24.88	632	7.47	3.05	8	PHG DS8M-632-...		160	50.39	1280	7.47	3.05	8	PHG DS8M-1280-...
	80	25.20	640	7.47	3.05	8	PHG DS8M-640-...		162	51.02	1296	7.47	3.05	8	PHG DS8M-1296-...
	82	25.83	656	7.47	3.05	8	PHG DS8M-656-...		163	51.34	1304	7.47	3.05	8	PHG DS8M-1304-...
	85	26.77	680	7.47	3.05	8	PHG DS8M-680-...		164	51.65	1312	7.47	3.05	8	PHG DS8M-1312-...
	86	27.09	688	7.47	3.05	8	PHG DS8M-688-...		165	51.97	1320	7.47	3.05	8	PHG DS8M-1320-...
	89	28.03	712	7.47	3.05	8	PHG DS8M-712-...		168	52.91	1344	7.47	3.05	8	PHG DS8M-1344-...
	90	28.35	720	7.47	3.05	8	PHG DS8M-720-...		169	53.23	1352	7.47	3.05	8	PHG DS8M-1352-...
	91	28.66	728	7.47	3.05	8	PHG DS8M-728-...		170	53.54	1360	7.47	3.05	8	PHG DS8M-1360-...
	95	29.92	760	7.47	3.05	8	PHG DS8M-760-...		173	54.49	1384	7.47	3.05	8	PHG DS8M-1384-...
	96	30.24	768	7.47	3.05	8	PHG DS8M-768-...		174	54.80	1392	7.47	3.05	8	PHG DS8M-1392-...
	98	30.87	784	7.47	3.05	8	PHG DS8M-784-...								
	100	31.50	800	7.47	3.05	8	PHG DS8M-800-...								
	103	32.44	824	7.47	3.05	8	PHG DS8M-824-...								

To complete designation add belt width in mm.
Non-standard lengths may also be available.
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For polyurethane version, add "PU" to the profile type. For example: PHG DS814MPU-6640-...

Double-sided super torque timing belts DS8M



Section	Number of teeth per side	Dimensions		h	A	p	Designation
		Pitch length					
—	—	in.	mm				—
DS8M	175	55.12	1 400	7.47	3.05	8	PHG DS8M-1400-...
	178	56.06	1 424	7.47	3.05	8	PHG DS8M-1424-...
	179	56.38	1 432	7.47	3.05	8	PHG DS8M-1432-...
	180	56.69	1 440	7.47	3.05	8	PHG DS8M-1440-...
	185	58.27	1 480	7.47	3.05	8	PHG DS8M-1480-...
	189	59.53	1 512	7.47	3.05	8	PHG DS8M-1512-...
	191	60.16	1 528	7.47	3.05	8	PHG DS8M-1528-...
	192	60.47	1 536	7.47	3.05	8	PHG DS8M-1536-...
	193	60.79	1 544	7.47	3.05	8	PHG DS8M-1544-...
	194	61.10	1 552	7.47	3.05	8	PHG DS8M-1552-...
	200	62.99	1 600	7.47	3.05	8	PHG DS8M-1600-...
	203	63.94	1 624	7.47	3.05	8	PHG DS8M-1624-...
	204	64.25	1 632	7.47	3.05	8	PHG DS8M-1632-...
	206	64.88	1 648	7.47	3.05	8	PHG DS8M-1648-...
	209	65.83	1 672	7.47	3.05	8	PHG DS8M-1672-...
	210	66.14	1 680	7.47	3.05	8	PHG DS8M-1680-...
	212	66.77	1 696	7.47	3.05	8	PHG DS8M-1696-...
	216	68.03	1 728	7.47	3.05	8	PHG DS8M-1728-...
	220	69.29	1 760	7.47	3.05	8	PHG DS8M-1760-...
	222	69.92	1 776	7.47	3.05	8	PHG DS8M-1776-...
	225	70.87	1 800	7.47	3.05	8	PHG DS8M-1800-...
	239	75.28	1 912	7.47	3.05	8	PHG DS8M-1912-...
	250	78.74	2 000	7.47	3.05	8	PHG DS8M-2000-...
	253	79.69	2 024	7.47	3.05	8	PHG DS8M-2024-...
	254	80.00	2 032	7.47	3.05	8	PHG DS8M-2032-...
	256	80.63	2 048	7.47	3.05	8	PHG DS8M-2048-...
	263	82.83	2 104	7.47	3.05	8	PHG DS8M-2104-...
	280	88.19	2 240	7.47	3.05	8	PHG DS8M-2240-...
	284	89.45	2 272	7.47	3.05	8	PHG DS8M-2272-...
	288	90.71	2 304	7.47	3.05	8	PHG DS8M-2304-...
	300	94.49	2 400	7.47	3.05	8	PHG DS8M-2400-...
	304	95.75	2 432	7.47	3.05	8	PHG DS8M-2432-...
	312	98.27	2 496	7.47	3.05	8	PHG DS8M-2496-...
	317	99.84	2 536	7.47	3.05	8	PHG DS8M-2536-...
	320	100.79	2 560	7.47	3.05	8	PHG DS8M-2560-...
	325	102.36	2 600	7.47	3.05	8	PHG DS8M-2600-...
	350	110.24	2 800	7.47	3.05	8	PHG DS8M-2800-...
	356	112.13	2 848	7.47	3.05	8	PHG DS8M-2848-...
	360	113.39	2 880	7.47	3.05	8	PHG DS8M-2880-...
	375	118.11	3 000	7.47	3.05	8	PHG DS8M-3000-...
	400	125.98	3 200	7.47	3.05	8	PHG DS8M-3200-...
	450	141.73	3 600	7.47	3.05	8	PHG DS8M-3600-...
	465	146.46	3 720	7.47	3.05	8	PHG DS8M-3720-...
	500	157.48	4 000	7.47	3.05	8	PHG DS8M-4000-...
	585	184.25	4 680	7.47	3.05	8	PHG DS8M-4680-...
	617	194.33	4 936	7.47	3.05	8	PHG DS8M-4936-...
	635	200.00	5 080	7.47	3.05	8	PHG DS8M-5080-...
	700	220.47	5 600	7.47	3.05	8	PHG DS8M-5600-...
	712	224.25	5 696	7.47	3.05	8	PHG DS8M-5696-...
	830	261.42	6 640	7.47	3.05	8	PHG DS8M-6640-...

To complete designation add belt width in mm.

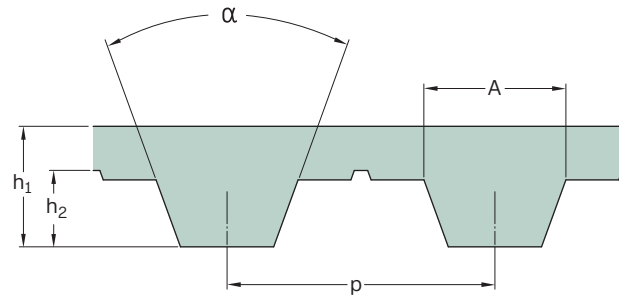
Non-standard lengths may also be available.

Full sleeves are available in various widths. Please contact your SKF Authorized Distributor.

For polyurethane version, add "PU" to the profile type. For example: PHG DS814MPU-6640-....

Metric timing belts

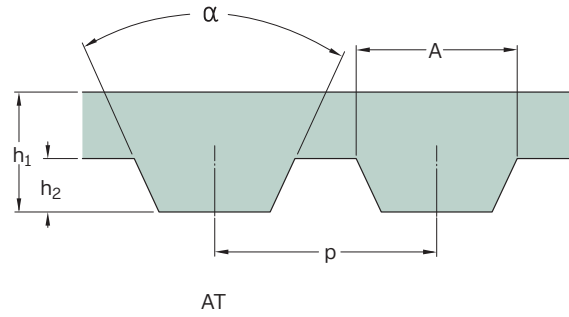
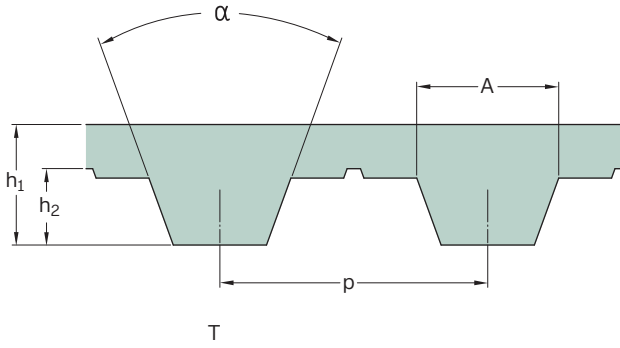
T2.5 | T5



Section	Number of teeth	Dimensions			Designation				Section	Number of teeth	Dimensions			Designation			
		Pitch length	h ₁	h ₂	p	A	α	Pitch length			h	A	p				
—	—	mm						—	—	in.	mm				—		
T2.5	41	102.5	1.3	0.7	2.5	1.50	40	PHG T2.5-102.5-...	48	240.0	2.2	1.2	5.0	2.65	40	PHG T5-240-...	
	48	120.0	1.3	0.7	2.5	1.50	40	PHG T2.5-120-...	50	250.0	2.2	1.2	5.0	2.65	40	PHG T5-250-...	
	58	145.0	1.3	0.7	2.5	1.50	40	PHG T2.5-145-...	51	255.0	2.2	1.2	5.0	2.65	40	PHG T5-255-...	
	60	150.0	1.3	0.7	2.5	1.50	40	PHG T2.5-150-...	52	260.0	2.2	1.2	5.0	2.65	40	PHG T5-260-...	
	64	160.0	1.3	0.7	2.5	1.50	40	PHG T2.5-160-...	55	275.0	2.2	1.2	5.0	2.65	40	PHG T5-275-...	
	66	165.0	1.3	0.7	2.5	1.50	40	PHG T2.5-165-...	56	280.0	2.2	1.2	5.0	2.65	40	PHG T5-280-...	
	68	170.0	1.3	0.7	2.5	1.50	40	PHG T2.5-170-...	59	295.0	2.2	1.2	5.0	2.65	40	PHG T5-295-...	
	71	177.5	1.3	0.7	2.5	1.50	40	PHG T2.5-177.5-...	60	300.0	2.2	1.2	5.0	2.65	40	PHG T5-300-...	
	75	187.5	1.3	0.7	2.5	1.50	40	PHG T2.5-187.5-...	61	305.0	2.2	1.2	5.0	2.65	40	PHG T5-305-...	
	80	200.0	1.3	0.7	2.5	1.50	40	PHG T2.5-200-...	62	310.0	2.2	1.2	5.0	2.65	40	PHG T5-310-...	
	92	230.0	1.3	0.7	2.5	1.50	40	PHG T2.5-230-...	65	325.0	2.2	1.2	5.0	2.65	40	PHG T5-325-...	
	98	245.0	1.3	0.7	2.5	1.50	40	PHG T2.5-245-...	66	330.0	2.2	1.2	5.0	2.65	40	PHG T5-330-...	
	106	265.0	1.3	0.7	2.5	1.50	40	PHG T2.5-265-...	68	340.0	2.2	1.2	5.0	2.65	40	PHG T5-340-...	
	114	285.0	1.3	0.7	2.5	1.50	40	PHG T2.5-285-...	70	350.0	2.2	1.2	5.0	2.65	40	PHG T5-350-...	
	120	300.0	1.3	0.7	2.5	1.50	40	PHG T2.5-300-...	71	355.0	2.2	1.2	5.0	2.65	40	PHG T5-355-...	
	127	317.5	1.3	0.7	2.5	1.50	40	PHG T2.5-317.5-...	73	365.0	2.2	1.2	5.0	2.65	40	PHG T5-365-...	
	132	330.0	1.3	0.7	2.5	1.50	40	PHG T2.5-330-...	75	375.0	2.2	1.2	5.0	2.65	40	PHG T5-375-...	
	134	335.0	1.3	0.7	2.5	1.50	40	PHG T2.5-335-...	78	390.0	2.2	1.2	5.0	2.65	40	PHG T5-390-...	
	140	350.0	1.3	0.7	2.5	1.50	40	PHG T2.5-350-...	80	400.0	2.2	1.2	5.0	2.65	40	PHG T5-400-...	
	152	380.0	1.3	0.7	2.5	1.50	40	PHG T2.5-380-...	82	410.0	2.2	1.2	5.0	2.65	40	PHG T5-410-...	
	156	390.0	1.3	0.7	2.5	1.50	40	PHG T2.5-390-...	84	420.0	2.2	1.2	5.0	2.65	40	PHG T5-420-...	
	160	400.0	1.3	0.7	2.5	1.50	40	PHG T2.5-400-...	90	450.0	2.2	1.2	5.0	2.65	40	PHG T5-450-...	
	164	410.0	1.3	0.7	2.5	1.50	40	PHG T2.5-410-...	91	455.0	2.2	1.2	5.0	2.65	40	PHG T5-455-...	
	168	420.0	1.3	0.7	2.5	1.50	40	PHG T2.5-420-...	95	475.0	2.2	1.2	5.0	2.65	40	PHG T5-475-...	
	188	470.0	1.3	0.7	2.5	1.50	40	PHG T2.5-470-...	96	480.0	2.2	1.2	5.0	2.65	40	PHG T5-480-...	
	192	480.0	1.3	0.7	2.5	1.50	40	PHG T2.5-480-...	100	500.0	2.2	1.2	5.0	2.65	40	PHG T5-500-...	
	200	500.0	1.3	0.7	2.5	1.50	40	PHG T2.5-500-...	101	505.0	2.2	1.2	5.0	2.65	40	PHG T5-505-...	
	216	540.0	1.3	0.7	2.5	1.50	40	PHG T2.5-540-...	102	510.0	2.2	1.2	5.0	2.65	40	PHG T5-510-...	
	248	620.0	1.3	0.7	2.5	1.50	40	PHG T2.5-620-...	105	525.0	2.2	1.2	5.0	2.65	40	PHG T5-525-...	
	254	635.0	1.3	0.7	2.5	1.50	40	PHG T2.5-635-...	108	540.0	2.2	1.2	5.0	2.65	40	PHG T5-540-...	
	260	650.0	1.3	0.7	2.5	1.50	40	PHG T2.5-650-...	109	545.0	2.2	1.2	5.0	2.65	40	PHG T5-545-...	
	276	690.0	1.3	0.7	2.5	1.50	40	PHG T2.5-690-...	110	550.0	2.2	1.2	5.0	2.65	40	PHG T5-550-...	
	282	705.0	1.3	0.7	2.5	1.50	40	PHG T2.5-705-...	112	560.0	2.2	1.2	5.0	2.65	40	PHG T5-560-...	
	315	787.5	1.3	0.7	2.5	1.50	40	PHG T2.5-787.5-...	114	570.0	2.2	1.2	5.0	2.65	40	PHG T5-570-...	
	362	905.0	1.3	0.7	2.5	1.50	40	PHG T2.5-905-...	115	575.0	2.2	1.2	5.0	2.65	40	PHG T5-575-...	
	390	975.0	1.3	0.7	2.5	1.50	40	PHG T2.5-975-...	116	580.0	2.2	1.2	5.0	2.65	40	PHG T5-580-...	
	416	1040.0	1.3	0.7	2.5	1.50	40	PHG T2.5-1040-...	117	585.0	2.2	1.2	5.0	2.65	40	PHG T5-585-...	
	436	1090.0	1.3	0.7	2.5	1.50	40	PHG T2.5-1090-...	120	600.0	2.2	1.2	5.0	2.65	40	PHG T5-600-...	
	438	1095.0	1.3	0.7	2.5	1.50	40	PHG T2.5-1095-...	122	610.0	2.2	1.2	5.0	2.65	40	PHG T5-610-...	
	451	1127.5	1.3	0.7	2.5	1.50	40	PHG T2.5-1127.5-...	124	620.0	2.2	1.2	5.0	2.65	40	PHG T5-620-...	
	518	1295.0	1.3	0.7	2.5	1.50	40	PHG T2.5-1295-...	126	630.0	2.2	1.2	5.0	2.65	40	PHG T5-630-...	
	538	1345.0	1.3	0.7	2.5	1.50	40	PHG T2.5-1345-...	127	635.0	2.2	1.2	5.0	2.65	40	PHG T5-635-...	
T5	23	115.0	2.2	1.2	5.0	2.65	40	PHG T5-115-...	130	650.0	2.2	1.2	5.0	2.65	40	PHG T5-650-...	
	30	150.0	2.2	1.2	5.0	2.65	40	PHG T5-150-...	133	665.0	2.2	1.2	5.0	2.65	40	PHG T5-665-...	
	33	165.0	2.2	1.2	5.0	2.65	40	PHG T5-165-...	135	675.0	2.2	1.2	5.0	2.65	40	PHG T5-675-...	
	37	185.0	2.2	1.2	5.0	2.65	40	PHG T5-185-...	137	685.0	2.2	1.2	5.0	2.65	40	PHG T5-685-...	
	38	190.0	2.2	1.2	5.0	2.65	40	PHG T5-190-...	138	690.0	2.2	1.2	5.0	2.65	40	PHG T5-690-...	
	40	200.0	2.2	1.2	5.0	2.65	40	PHG T5-200-...	140	700.0	2.2	1.2	5.0	2.65	40	PHG T5-700-...	
	42	210.0	2.2	1.2	5.0	2.65	40	PHG T5-210-...	142	710.0	2.2	1.2	5.0	2.65	40	PHG T5-710-...	
	43	215.0	2.2	1.2	5.0	2.65	40	PHG T5-215-...	144	720.0	2.2	1.2	5.0	2.65	40	PHG T5-720-...	
	44	220.0	2.2	1.2	5.0	2.65	40	PHG T5-220-...	145	725.0	2.2	1.2	5.0	2.65	40	PHG T5-725-...	
	45	225.0	2.2	1.2	5.0	2.65	40	PHG T5-225-...	148	740.0	2.2	1.2	5.0	2.65	40	PHG T5-740-...	
									150	750.0	2.2	1.2	5.0	2.65	40	PHG T5-750-...	
									156	780.0	2.2	1.2	5.0	2.65	40	PHG T5-780-...	
									158	790.0	2.2	1.2	5.0	2.65	40	PHG T5-790-...	

Non-standard lengths may also be available.
To complete designation add belt width in mm.
Full sleeves are available in various widths. Please contact your SKF Authorized Distributor.

Metric timing belts T5 | T10



Section	Number of teeth	Dimensions					Designation	
		Pitch length	h_1	h_2	p	A		
—	—	mm	—	—	—	—	—	—
T5	160	800.0	2.2	1.2	5.0	2.65	40	PHG T5-800-...
	161	805.0	2.2	1.2	5.0	2.65	40	PHG T5-805-...
	162	810.0	2.2	1.2	5.0	2.65	40	PHG T5-810-...
	163	815.0	2.2	1.2	5.0	2.65	40	PHG T5-815-...
	170	850.0	2.2	1.2	5.0	2.65	40	PHG T5-850-...
	172	860.0	2.2	1.2	5.0	2.65	40	PHG T5-860-...
	177	885.0	2.2	1.2	5.0	2.65	40	PHG T5-885-...
	180	900.0	2.2	1.2	5.0	2.65	40	PHG T5-900-...
	182	910.0	2.2	1.2	5.0	2.65	40	PHG T5-910-...
	188	940.0	2.2	1.2	5.0	2.65	40	PHG T5-940-...
	198	990.0	2.2	1.2	5.0	2.65	40	PHG T5-990-...
	199	995.0	2.2	1.2	5.0	2.65	40	PHG T5-995-...
	200	1000.0	2.2	1.2	5.0	2.65	40	PHG T5-1000-...
	204	1020.0	2.2	1.2	5.0	2.65	40	PHG T5-1020-...
	206	1030.0	2.2	1.2	5.0	2.65	40	PHG T5-1030-...
	209	1045.0	2.2	1.2	5.0	2.65	40	PHG T5-1045-...
	210	1050.0	2.2	1.2	5.0	2.65	40	PHG T5-1050-...
	212	1060.0	2.2	1.2	5.0	2.65	40	PHG T5-1060-...
	215	1075.0	2.2	1.2	5.0	2.65	40	PHG T5-1075-...
	220	1100.0	2.2	1.2	5.0	2.65	40	PHG T5-1100-...
	224	1120.0	2.2	1.2	5.0	2.65	40	PHG T5-1120-...
	228	1140.0	2.2	1.2	5.0	2.65	40	PHG T5-1140-...
	240	1200.0	2.2	1.2	5.0	2.65	40	PHG T5-1200-...
	243	1215.0	2.2	1.2	5.0	2.65	40	PHG T5-1215-...
	252	1260.0	2.2	1.2	5.0	2.65	40	PHG T5-1260-...
	254	1270.0	2.2	1.2	5.0	2.65	40	PHG T5-1270-...
	255	1275.0	2.2	1.2	5.0	2.65	40	PHG T5-1275-...
	260	1300.0	2.2	1.2	5.0	2.65	40	PHG T5-1300-...
	265	1325.0	2.2	1.2	5.0	2.65	40	PHG T5-1325-...
	276	1380.0	2.2	1.2	5.0	2.65	40	PHG T5-1380-...
	278	1390.0	2.2	1.2	5.0	2.65	40	PHG T5-1390-...
	283	1415.0	2.2	1.2	5.0	2.65	40	PHG T5-1415-...
	304	1520.0	2.2	1.2	5.0	2.65	40	PHG T5-1520-...
	326	1630.0	2.2	1.2	5.0	2.65	40	PHG T5-1630-...
	348	1740.0	2.2	1.2	5.0	2.65	40	PHG T5-1740-...
	352	1760.0	2.2	1.2	5.0	2.65	40	PHG T5-1760-...
	360	1800.0	2.2	1.2	5.0	2.65	40	PHG T5-1800-...
	376	1880.0	2.2	1.2	5.0	2.65	40	PHG T5-1880-...
	380	1900.0	2.2	1.2	5.0	2.65	40	PHG T5-1900-...
	388	1940.0	2.2	1.2	5.0	2.65	40	PHG T5-1940-...
	392	1960.0	2.2	1.2	5.0	2.65	40	PHG T5-1960-...
	424	2120.0	2.2	1.2	5.0	2.65	40	PHG T5-2120-...
	432	2160.0	2.2	1.2	5.0	2.65	40	PHG T5-2160-...
	444	2220.0	2.2	1.2	5.0	2.65	40	PHG T5-2220-...
	452	2260.0	2.2	1.2	5.0	2.65	40	PHG T5-2260-...
	456	2280.0	2.2	1.2	5.0	2.65	40	PHG T5-2280-...
	612	3060.0	2.2	1.2	5.0	2.65	40	PHG T5-3060-...
	651	3255.0	2.2	1.2	5.0	2.65	40	PHG T5-3255-...
	658	3290.0	2.2	1.2	5.0	2.65	40	PHG T5-3290-...
	708	3540.0	2.2	1.2	5.0	2.65	40	PHG T5-3540-...
	750	3750.0	2.2	1.2	5.0	2.65	40	PHG T5-3750-...
	815	4075.0	2.2	1.2	5.0	2.65	40	PHG T5-4075-...

Section	Number of teeth	Dimensions					Designation	
		Pitch length	h_1	h_2	p	A		
—	—	mm	—	—	—	—	—	—
T10	26	260.0	4.5	2.5	10.0	5.30	40	PHG T10-260-...
	32	320.0	4.5	2.5	10.0	5.30	40	PHG T10-320-...
	34	340.0	4.5	2.5	10.0	5.30	40	PHG T10-340-...
	37	370.0	4.5	2.5	10.0	5.30	40	PHG T10-370-...
	40	400.0	4.5	2.5	10.0	5.30	40	PHG T10-400-...
	41	410.0	4.5	2.5	10.0	5.30	40	PHG T10-410-...
	44	440.0	4.5	2.5	10.0	5.30	40	PHG T10-440-...
	45	450.0	4.5	2.5	10.0	5.30	40	PHG T10-450-...
	46	460.0	4.5	2.5	10.0	5.30	40	PHG T10-460-...
	48	480.0	4.5	2.5	10.0	5.30	40	PHG T10-480-...
	50	500.0	4.5	2.5	10.0	5.30	40	PHG T10-500-...
	53	530.0	4.5	2.5	10.0	5.30	40	PHG T10-530-...
	54	540.0	4.5	2.5	10.0	5.30	40	PHG T10-540-...
	55	550.0	4.5	2.5	10.0	5.30	40	PHG T10-550-...
	56	560.0	4.5	2.5	10.0	5.30	40	PHG T10-560-...
	58	580.0	4.5	2.5	10.0	5.30	40	PHG T10-580-...
	60	600.0	4.5	2.5	10.0	5.30	40	PHG T10-600-...
	61	610.0	4.5	2.5	10.0	5.30	40	PHG T10-610-...
	63	630.0	4.5	2.5	10.0	5.30	40	PHG T10-630-...
	65	650.0	4.5	2.5	10.0	5.30	40	PHG T10-650-...
	66	660.0	4.5	2.5	10.0	5.30	40	PHG T10-660-...
	69	690.0	4.5	2.5	10.0	5.30	40	PHG T10-690-...
	70	700.0	4.5	2.5	10.0	5.30	40	PHG T10-700-...
	72	720.0	4.5	2.5	10.0	5.30	40	PHG T10-720-...
	73	730.0	4.5	2.5	10.0	5.30	40	PHG T10-730-...
	75	750.0	4.5	2.5	10.0	5.30	40	PHG T10-750-...
	77	770.0	4.5	2.5	10.0	5.30	40	PHG T10-770-...
	78	780.0	4.5	2.5	10.0	5.30	40	PHG T10-780-...
	80	800.0	4.5	2.5	10.0	5.30	40	PHG T10-800-...
	81	810.0	4.5	2.5	10.0	5.30	40	PHG T10-810-...
	84	840.0	4.5	2.5	10.0	5.30	40	PHG T10-840-...
	85	850.0	4.5	2.5	10.0	5.30	40	PHG T10-850-...
	88	880.0	4.5	2.5	10.0	5.30	40	PHG T10-880-...
	89	890.0	4.5	2.5	10.0	5.30	40	PHG T10-890-...
	90	900.0	4.5	2.5	10.0	5.30	40	PHG T10-900-...
	91	910.0	4.5	2.5	10.0	5.30	40	PHG T10-910-...
	92	920.0	4.5	2.5	10.0	5.30	40	PHG T10-920-...
	95	950.0	4.5	2.5	10.0	5.30	40	PHG T10-950-...
	96	960.0	4.5	2.5	10.0	5.30	40	PHG T10-960-...
	97	970.0	4.5	2.5	10.0	5.30	40	PHG T10-970-...
	98	980.0	4.5	2.5	10.0	5.30	40	PHG T10-980-...
	100	1000.0	4.5	2.5	10.0	5.30	40	PHG T10-1000-...
	101	1010.0	4.5	2.5	10.0	5.30	40	PHG T10-1010-...
	103	1030.0	4.5	2.5	10.0	5.30	40	PHG T10-1030-...
	104	1040.0	4.5	2.5	10.0	5.30	40	PHG T10-1040-...
	105	1050.0	4.5	2.5	10.0	5.30	40	PHG T10-1050-...
	108	1080.0	4.5	2.5	10.0	5.30	40	PHG T10-1080-...
	110	1100.0	4.5	2.5	10.0	5.30	40	PHG T10-1100-...
	111	1110.0	4.5	2.5	10.0	5.30	40	PHG T10-1110-...
	114	1140.0	4.5	2.5	10.0	5.30	40	PHG T10-1140-...
	115	1150.0	4.5	2.5	10.0	5.30	40	PHG T10-1150-...
	120	1200.0	4.5	2.5	10.0	5.30	40	PHG T10-1200-...
	121	1210.0	4.5	2.5	10.0	5.30	40	PHG T10-1210-...
	124	1240.0	4.5	2.5	10.0	5.30	40	PHG T10-1240-...
	125	1250.0	4.5	2.5	10.0	5.30	40	PHG T10-1250-...

Non-standard lengths may also be available.
To complete designation add belt width in mm.
Full sleeves are available in various widths. Please contact your SKF Authorized Distributor.

Metric timing belts

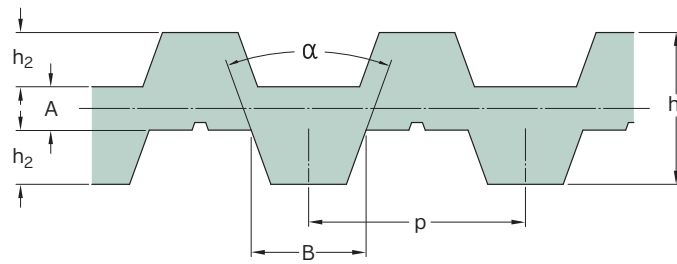
T10 | T20 | AT5 | AT10 | AT20

Section	Number of teeth	Dimensions		Designation			
		Pitch length					
		h	A	p			
–	–	in.	mm		–		
T10	126	1 260.0	4.5	2.5	10.0	5.30	40 PHG T10-1260-...
	128	1 280.0	4.5	2.5	10.0	5.30	40 PHG T10-1280-...
	130	1 300.0	4.5	2.5	10.0	5.30	40 PHG T10-1300-...
	132	1 320.0	4.5	2.5	10.0	5.30	40 PHG T10-1320-...
	135	1 350.0	4.5	2.5	10.0	5.30	40 PHG T10-1350-...
	139	1 390.0	4.5	2.5	10.0	5.30	40 PHG T10-1390-...
	140	1 400.0	4.5	2.5	10.0	5.30	40 PHG T10-1400-...
	142	1 420.0	4.5	2.5	10.0	5.30	40 PHG T10-1420-...
	144	1 440.0	4.5	2.5	10.0	5.30	40 PHG T10-1440-...
	145	1 450.0	4.5	2.5	10.0	5.30	40 PHG T10-1450-...
	146	1 460.0	4.5	2.5	10.0	5.30	40 PHG T10-1460-...
	148	1 480.0	4.5	2.5	10.0	5.30	40 PHG T10-1480-...
	150	1 500.0	4.5	2.5	10.0	5.30	40 PHG T10-1500-...
	152	1 520.0	4.5	2.5	10.0	5.30	40 PHG T10-1520-...
	156	1 560.0	4.5	2.5	10.0	5.30	40 PHG T10-1560-...
	160	1 600.0	4.5	2.5	10.0	5.30	40 PHG T10-1600-...
	161	1 610.0	4.5	2.5	10.0	5.30	40 PHG T10-1610-...
	164	1 640.0	4.5	2.5	10.0	5.30	40 PHG T10-1640-...
	169	1 690.0	4.5	2.5	10.0	5.30	40 PHG T10-1690-...
	170	1 700.0	4.5	2.5	10.0	5.30	40 PHG T10-1700-...
	175	1 750.0	4.5	2.5	10.0	5.30	40 PHG T10-1750-...
	178	1 780.0	4.5	2.5	10.0	5.30	40 PHG T10-1780-...
	180	1 800.0	4.5	2.5	10.0	5.30	40 PHG T10-1800-...
	186	1 860.0	4.5	2.5	10.0	5.30	40 PHG T10-1860-...
	188	1 880.0	4.5	2.5	10.0	5.30	40 PHG T10-1880-...
	196	1 960.0	4.5	2.5	10.0	5.30	40 PHG T10-1960-...
	198	1 980.0	4.5	2.5	10.0	5.30	40 PHG T10-1980-...
	202	2 020.0	4.5	2.5	10.0	5.30	40 PHG T10-2020-...
	208	2 080.0	4.5	2.5	10.0	5.30	40 PHG T10-2080-...
	209	2 090.0	4.5	2.5	10.0	5.30	40 PHG T10-2090-...
	210	2 100.0	4.5	2.5	10.0	5.30	40 PHG T10-2100-...
	220	2 200.0	4.5	2.5	10.0	5.30	40 PHG T10-2200-...
	225	2 250.0	4.5	2.5	10.0	5.30	40 PHG T10-2250-...
	227	2 270.0	4.5	2.5	10.0	5.30	40 PHG T10-2270-...
	230	2 300.0	4.5	2.5	10.0	5.30	40 PHG T10-2300-...
	234	2 340.0	4.5	2.5	10.0	5.30	40 PHG T10-2340-...
	236	2 360.0	4.5	2.5	10.0	5.30	40 PHG T10-2360-...
	238	2 380.0	4.5	2.5	10.0	5.30	40 PHG T10-2380-...
	243	2 430.0	4.5	2.5	10.0	5.30	40 PHG T10-2430-...
	248	2 480.0	4.5	2.5	10.0	5.30	40 PHG T10-2480-...
	250	2 500.0	4.5	2.5	10.0	5.30	40 PHG T10-2500-...
	254	2 540.0	4.5	2.5	10.0	5.30	40 PHG T10-2540-...
	259	2 590.0	4.5	2.5	10.0	5.30	40 PHG T10-2590-...
	260	2 600.0	4.5	2.5	10.0	5.30	40 PHG T10-2600-...
	261	2 610.0	4.5	2.5	10.0	5.30	40 PHG T10-2610-...
	265	2 650.0	4.5	2.5	10.0	5.30	40 PHG T10-2650-...
	270	2 700.0	4.5	2.5	10.0	5.30	40 PHG T10-2700-...
	280	2 800.0	4.5	2.5	10.0	5.30	40 PHG T10-2800-...
	288	2 880.0	4.5	2.5	10.0	5.30	40 PHG T10-2880-...
	300	3 000.0	4.5	2.5	10.0	5.30	40 PHG T10-3000-...
	304	3 040.0	4.5	2.5	10.0	5.30	40 PHG T10-3040-...
	310	3 100.0	4.5	2.5	10.0	5.30	40 PHG T10-3100-...
	323	3 230.0	4.5	2.5	10.0	5.30	40 PHG T10-3230-...
	330	3 300.0	4.5	2.5	10.0	5.30	40 PHG T10-3300-...
	334	3 340.0	4.5	2.5	10.0	5.30	40 PHG T10-3340-...
	350	3 500.0	4.5	2.5	10.0	5.30	40 PHG T10-3500-...
	360	3 600.0	4.5	2.5	10.0	5.30	40 PHG T10-3600-...
	368	3 680.0	4.5	2.5	10.0	5.30	40 PHG T10-3680-...
	387	3 870.0	4.5	2.5	10.0	5.30	40 PHG T10-3870-...
	404	4 040.0	4.5	2.5	10.0	5.30	40 PHG T10-4040-...
	428	4 280.0	4.5	2.5	10.0	5.30	40 PHG T10-4280-...
	468	4 680.0	4.5	2.5	10.0	5.30	40 PHG T10-4680-...
	506	5 060.0	4.5	2.5	10.0	5.30	40 PHG T10-5060-...
	536	5 360.0	4.5	2.5	10.0	5.30	40 PHG T10-5360-...
	567	5 670.0	4.5	2.5	10.0	5.30	40 PHG T10-5670-...
	600	6 000.0	4.5	2.5	10.0	5.30	40 PHG T10-6000-...
	629	6 290.0	4.5	2.5	10.0	5.30	40 PHG T10-6290-...
	700	7 000.0	4.5	2.5	10.0	5.30	40 PHG T10-7000-...
	705	7 050.0	4.5	2.5	10.0	5.30	40 PHG T10-7050-...

Section	Number of teeth	Dimensions		Designation			
		Pitch length					
		h	A	p			
–	–	in.	mm		–		
T20	44	880.0	8.0	5.0	20.0	10.15	40 PHG T20-880-...
	59	1 180.0	8.0	5.0	20.0	10.15	40 PHG T20-1180-...
	61	1 220.0	8.0	5.0	20.0	10.15	40 PHG T20-1220-...
	62	1 240.0	8.0	5.0	20.0	10.15	40 PHG T20-1240-...
	63	1 260.0	8.0	5.0	20.0	10.15	40 PHG T20-1260-...
	64	1 280.0	8.0	5.0	20.0	10.15	40 PHG T20-1280-...
	73	1 460.0	8.0	5.0	20.0	10.15	40 PHG T20-1460-...
	80	1 600.0	8.0	5.0	20.0	10.15	40 PHG T20-1600-...
	84	1 680.0	8.0	5.0	20.0	10.15	40 PHG T20-1680-...
	85	1 700.0	8.0	5.0	20.0	10.15	40 PHG T20-1700-...
	89	1 780.0	8.0	5.0	20.0	10.15	40 PHG T20-1780-...
	94	1 880.0	8.0	5.0	20.0	10.15	40 PHG T20-1880-...
	102	2 040.0	8.0	5.0	20.0	10.15	40 PHG T20-2040-...
	110	2 200.0	8.0	5.0	20.0	10.15	40 PHG T20-2200-...
	112	2 240.0	8.0	5.0	20.0	10.15	40 PHG T20-2240-...
	130	2 600.0	8.0	5.0	20.0	10.15	40 PHG T20-2600-...
	136	2 720.0	8.0	5.0	20.0	10.15	40 PHG T20-2720-...
	137	2 740.0	8.0	5.0	20.0	10.15	40 PHG T20-2740-...
	138	2 760.0	8.0	5.0	20.0	10.15	40 PHG T20-2760-...
	155	3 100.0	8.0	5.0	20.0	10.15	40 PHG T20-3100-...
	181	3 620.0	8.0	5.0	20.0	10.15	40 PHG T20-3620-...
	238	4 760.0	8.0	5.0	20.0	10.15	40 PHG T20-4760-...
	250	5 000.0	8.0	5.0	20.0	10.15	40 PHG T20-5000-...
AT5	44	220.0	2.7	1.2	5.0	3.62	50 PHG AT5-220-...
	60	300.0	2.7	1.2	5.0	3.62	50 PHG AT5-300-...
	61	305.0	2.7	1.2	5.0	3.62	50 PHG AT5-305-...
	68	340.0	2.7	1.2	5.0	3.62	50 PHG AT5-340-...
	78	390.0	2.7	1.2	5.0	3.62	50 PHG AT5-390-...
	84	420.0	2.7	1.2	5.0	3.62	50 PHG AT5-420-...
	91	455.0	2.7	1.2	5.0	3.62	50 PHG AT5-455-...
	109	545.0	2.7	1.2	5.0	3.62	50 PHG AT5-545-...
	120	600.0	2.7	1.2	5.0	3.62	50 PHG AT5-600-...
	126	630.0	2.7	1.2	5.0	3.62	50 PHG AT5-630-...
	132	660.0	2.7	1.2	5.0	3.62	50 PHG AT5-660-...
	138	690.0	2.7	1.2	5.0	3.62	50 PHG AT5-690-...
	150	750.0	2.7	1.2	5.0	3.62	50 PHG AT5-750-...
	165	825.0	2.7	1.2	5.0	3.62	50 PHG AT5-825-...
	195	975.0	2.7	1.2	5.0	3.62	50 PHG AT5-975-...
	225	1 125.0	2.7	1.2	5.0	3.62	50 PHG AT5-1125-...
	304	1 520.0	2.7	1.2	5.0	3.62	50 PHG AT5-1520-...
AT10	50	500.0	5.0	2.5	10.0	7.30	50 PHG AT10-500-...
	56	560.0	5.0	2.5	10.0	7.30	50 PHG AT10-560-...
	58	580.0	5.0	2.5	10.0	7.30	50 PHG AT10-580-...
	66	660.0	5.0	2.5	10.0	7.30	50 PHG AT10-660-...
	73	730.0	5.0	2.5	10.0	7.30	50 PHG AT10-730-...
	84	840.0	5.0	2.5	10.0	7.30	50 PHG AT10-840-...
	92	920.0	5.0	2.5	10.0	7.30	50 PHG AT10-920-...
	96	960.0	5.0	2.5	10.0	7.30	50 PHG AT10-960-...
	101	1 010.0	5.0	2.5	10.0	7.30	50 PHG AT10-1010-...
	115	1 150.0	5.0	2.5	10.0	7.30	50 PHG AT10-1150-...
	121	1 210.0	5.0	2.5	10.0	7.30	50 PHG AT10-1210-...
	124	1 240.0	5.0	2.5	10.0	7.30	50 PHG AT10-1240-...
	125	1 250.0	5.0	2.5	10.0	7.30	50 PHG AT10-1250-...
	128	1 280.0	5.0	2.5	10.0	7.30	50 PHG AT10-1280-...
	132	1 320.0	5.0	2.5	10.0	7.30	50 PHG AT10-1320-...
	150	1 500.0	5.0	2.5	10.0	7.30	50 PHG AT10-1500-...
	161	1 610.0	5.0	2.5	10.0	7.30	50 PHG AT10-1610-...
	180	1 800.0	5.0	2.5	10.0	7.30	50 PHG AT10-1800-...
	194	1 940.0	5.0	2.5	10.0	7.30	50 PHG AT10-1940-...
	200	2 000.0	5.0	2.5	10.0	7.30	50 PHG AT10-2000-...
	225	2 250.0	5.0	2.5	10.0	7.30	50 PHG AT10-2250-...
	240	2 400.0	5.0	2.5	10.0	7.30	50 PHG AT10-2400-...
	259	2 590.0	5.0	2.5	10.0	7.30	50 PHG AT10-2590-...
	288	2 880.0	5.0	2.5	10.0	7.30	50 PHG AT10-2880-...
	308	3 080.0	5.0	2.5	10.0	7.30	50 PHG AT10-3080-...
	315	3 150.0	5.0	2.5	10.0	7.30	50 PHG AT10-3150-...
	334	3 340.0	5.0	2.5	10.0	7.30	50 PHG AT10-3

Double-sided metric timing belts

D-T5



Asymmetric DB profile

Section	Number of teeth per side	Dimensions Pitch length	Dimensions						Designation
			h_2	A	B	p	h_1	α	
–	–	mm						°	–
D-T5	100	500	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-500-...
	101	505	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-505-...
	102	510	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-510-...
	105	525	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-525-...
	108	540	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-540-...
	109	545	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-545-...
	110	550	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-550-...
	112	560	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-560-...
	114	570	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-570-...
	115	575	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-575-...
	116	580	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-580-...
	117	585	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-585-...
	120	600	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-600-...
	122	610	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-610-...
	124	620	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-620-...
	126	630	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-630-...
	127	635	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-635-...
	130	650	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-650-...
	133	665	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-665-...
	135	675	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-675-...
	137	685	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-685-...
	138	690	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-690-...
	140	700	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-700-...
	142	710	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-710-...
	144	720	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-720-...
	145	725	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-725-...
	148	740	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-740-...
	150	750	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-750-...
	156	780	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-780-...
	158	790	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-790-...
	160	800	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-800-...
	161	805	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-805-...
	162	810	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-810-...
	163	815	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-815-...
	168	840	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-840-...
	170	850	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-850-...
	172	860	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-860-...
	180	900	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-900-...
	188	940	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-940-...
	198	990	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-990-...
	199	995	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-995-...
	200	1000	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-1000-...
	204	1020	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-1020-...
	206	1030	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-1030-...
	209	1045	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-1045-...
	210	1050	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-1050-...
	212	1060	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-1060-...
	215	1075	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-1075-...
	220	1100	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-1100-...
	224	1120	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-1120-...

Non-standard lengths may also be available.

To complete designation add belt width in mm.

Double-sided metric belts are available in symmetric (DA) and asymmetric (DB) tooth profiles. Symmetric will be supplied unless otherwise specified.

Full sleeves are available in various widths. Please contact your SKF Authorized Distributor.

Double-sided metric timing belts

D-T5 | D-T10

Section	Number of teeth per side	Dimensions Pitch length							Designation
			h_2	A	B	p	h_1	α	
–	–	mm						°	–
D-T5	228	1140	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-1140-...
	240	1200	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-1200-...
	243	1215	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-1215-...
	252	1260	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-1260-...
	254	1270	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-1270-...
	255	1275	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-1275-...
	260	1300	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-1300-...
	265	1325	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-1325-...
	276	1380	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-1380-...
	278	1390	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-1390-...
	283	1415	1.20	1.0	2.65	5.0	3.40	40	PHG DB-T5-1415-...
D-T10	90	900	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-900-...
	91	910	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-910-...
	92	920	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-920-...
	95	950	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-950-...
	95	950	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-950-...
	96	960	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-960-...
	97	970	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-970-...
	98	980	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-980-...
	100	1000	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1000-...
	101	1010	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1010-...
	103	1030	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1030-...
	104	1040	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1040-...
	105	1050	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1050-...
	108	1080	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1080-...
	110	1100	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1100-...
	111	1110	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1110-...
	114	1140	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1140-...
	115	1150	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1150-...
	120	1200	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1200-...
	121	1210	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1210-...
	124	1240	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1240-...
	125	1250	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1250-...
	126	1260	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1260-...
	128	1280	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1280-...
	130	1300	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1300-...
	132	1320	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1320-...
	135	1350	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1350-...
	139	1390	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1390-...
	140	1400	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1400-...
	142	1420	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1420-...
	144	1440	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1440-...
	145	1450	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1450-...
	146	1460	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1460-...
	148	1480	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1480-...
	150	1500	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1500-...
	152	1520	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1520-...
	156	1560	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1560-...
	160	1600	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1600-...
	161	1610	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1610-...
	164	1640	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1640-...
	164	1640	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1640-...
	169	1690	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1690-...
	170	1700	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1700-...
	175	1750	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1750-...
	178	1780	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1780-...
	180	1800	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1800-...
	186	1860	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1860-...
	188	1880	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1880-...
	196	1960	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1960-...
	198	1980	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-1980-...
	202	2020	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-2020-...
	208	2080	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-2080-...
	209	2090	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-2090-...
	210	2100	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-2100-...
	220	2200	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-2200-...
	225	2250	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-2250-...
	227	2270	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-2270-...
	230	2300	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-2300-...
	234	2340	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-2340-...
	236	2360	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-2360-...

Non-standard lengths may also be available.

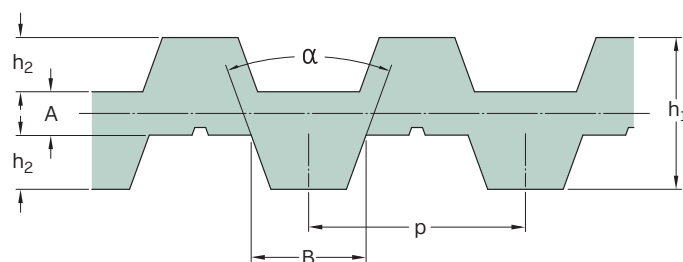
To complete designation add belt width in mm.

Double-sided metric belts are available in symmetric (DA) and asymmetric (DB) tooth profiles. Symmetric will be supplied unless otherwise specified.

Full sleeves are available in various widths. Please contact your SKF Authorized Distributor.

Double-sided metric timing belts

D-T10 | D-T20



Section	Number of teeth per side	Dimensions Pitch length							Designation
			h_2	A	B	p	h_1	α	
—	—	mm						°	—
D-T10	238	2 380	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-2380-...
	243	2 430	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-2430-...
	248	2 480	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-2480-...
	250	2 500	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-2500-...
	254	2 540	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-2540-...
	259	2 590	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-2590-...
	260	2 600	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-2600-...
	261	2 610	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-2610-...
	265	2 650	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-2650-...
	280	2 800	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-2800-...
	288	2 880	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-2880-...
	300	3 000	2.50	2.0	5.30	10.0	7.00	40	PHG DB-T10-3000-...
D-T20	85	1 700	5.00	3.0	10.15	20.0	13.00	40	PHG DB-T20-1700-...
	89	1 780	5.00	3.0	10.15	20.0	13.00	40	PHG DB-T20-1780-...
	94	1 880	5.00	3.0	10.15	20.0	13.00	40	PHG DB-T20-1880-...
	102	2 040	5.00	3.0	10.15	20.0	13.00	40	PHG DB-T20-2040-...
	110	2 200	5.00	3.0	10.15	20.0	13.00	40	PHG DB-T20-2200-...
	112	2 240	5.00	3.0	10.15	20.0	13.00	40	PHG DB-T20-2240-...
	130	2 600	5.00	3.0	10.15	20.0	13.00	40	PHG DB-T20-2600-...
	136	2 720	5.00	3.0	10.15	20.0	13.00	40	PHG DB-T20-2720-...
	137	2 740	5.00	3.0	10.15	20.0	13.00	40	PHG DB-T20-2740-...
	138	2 760	5.00	3.0	10.15	20.0	13.00	40	PHG DB-T20-2760-...
	155	3 100	5.00	3.0	10.15	20.0	13.00	40	PHG DB-T20-3100-...
	181	3 620	5.00	3.0	10.15	20.0	13.00	40	PHG DB-T20-3620-...
	238	4 760	5.00	3.0	10.15	20.0	13.00	40	PHG DB-T20-4760-...
	250	5 000	5.00	3.0	10.15	20.0	13.00	40	PHG DB-T20-5000-...

Non-standard lengths may also be available.

To complete designation add belt width in mm.

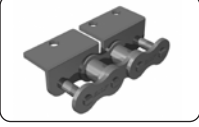
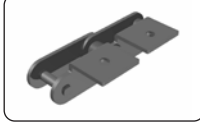
Double-sided metric belts are available in symmetric (DA) and asymmetric (DB) tooth profiles. Symmetric will be supplied unless otherwise specified.

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Chains

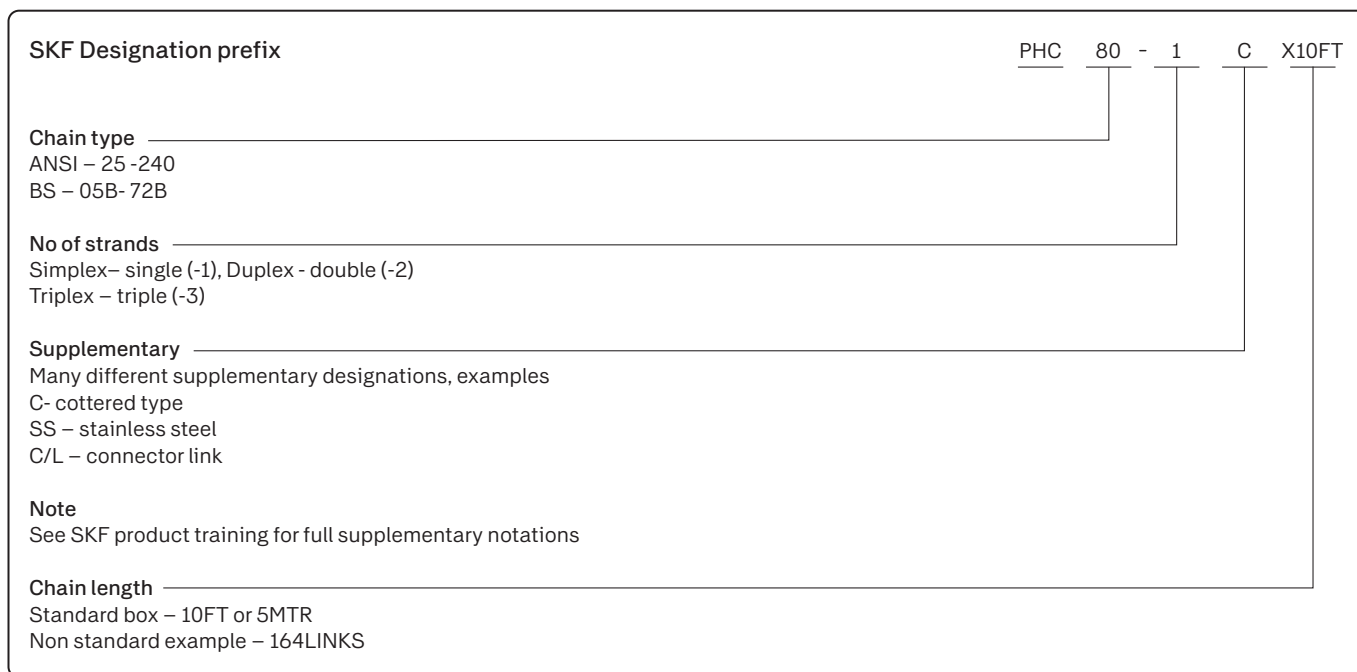
	Roller chains 74		Straight side plate chains 86
	Roller chain attachments A-1, K-1..... 76		Double pitch chains Transmission chains..... 88
	Roller chain attachments, SA-1/M1, SK-1/M1..... 77		Double pitch chains Transmission attachments..... 89
	Roller chain attachments WA-1, WA-2, WK-1, WK-2 78		Conveyor chains C series..... 90
	Roller chain attachments WSA-1, WSA-2, WSK-1, WSK-2. 79		Conveyor chain C series attachments 91
	Extra performance (XP) chains 80		Conveyor chains M series..... 93
	Extra strength chains 81		Conveyor chain Lumber mill series 94
	Extra corrosion resistant chains ... 83		Silent chains 95
	Roller chain Side bow..... 84 Extra performance SLR chains 85		Leaf chains 96

SKF Chains

SKF chain range nomenclature has a defined prefix of PHC. All standardized chains we produce conform to conventional basic part number format – ISO, BS, or DIN.

Roller chains

The Roller chains designation format is constant through the range, with the following example to indicate set up.



Chains (PHC Product Group)

SKF chains completely conform to international standards (ISO) and other advanced industrial standards (i.e. ANSI and DIN) as shown below:

- Short pitch transmission precision roller chains are manufactured according to ISO 606- 1994, ASME B29.1M-1993 and DIN 8187/DIN 8188
- Double pitch precision roller chains for transmission and conveyors are manufactured according to ISO 1275-1995, ASME B29.3M-1994/ AMSE B29.4M-1994 and DIN 8181-2000
- Short pitch transmission precision bush chains are manufactured according to ISO 1395-1997, ASME B29.12M-1997 and DIN 8154/DIN 8164
- Steel roller chains/attachments (types S and C) are manufactured according to ISO 487-1998, ASME B29.19M-1996 and DIN 8169-1997
- Conveyor chains/attachments are manufactured according to ISO 1977-2000, ASME B29.15M-1997 and DIN 8165/DIN 8166/DIN 8167
- Heavy duty cranked link transmission chains are manufactured according to ISO 3512, ASME B29.10M-1997 and DIN 8182

- Leaf chains are manufactured according to ISO 4347-1992, ASME B29.8M-1983 and DIN 8152
- Welded steel type cranked link drag chains are manufactured according to ISO 6971-2002 and ASME B29.200-2001
- Welded steel type cranked link mill chains are manufactured according to ISO 6972-2002 and ASME B29.200-2001
- Silent chains are manufactured according to ASME B29.2M-1982 and DIN 8190
- Open barrel steel pintle type conveyor chains/attachments are manufactured according to ASME B29.25M-1994
- Hollow pin chains are manufactured according to ASME B29.27M-2001 and DIN 8168

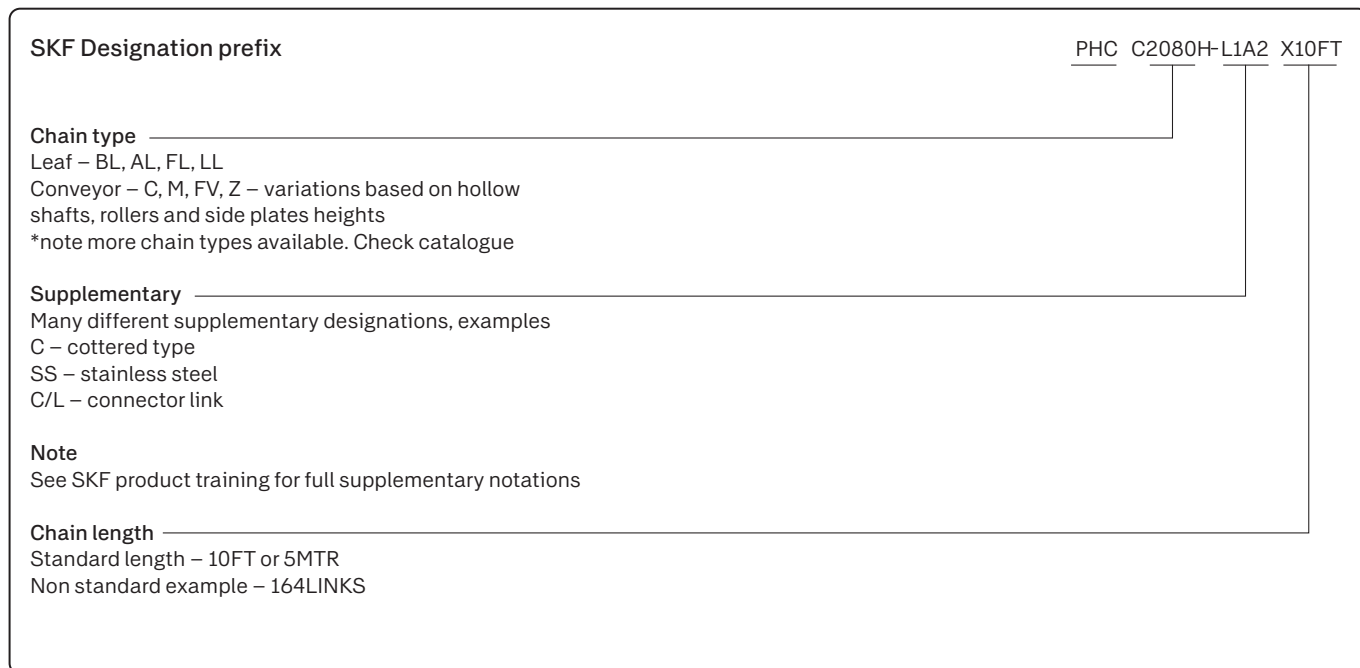
Depending and the type and style, SKF conveyor chains comply with international standards such as DIN 8187, ISO 1977 and BS 4116 (Part IV). Other cast and steel chains comply with the relevant industry accepted standards for performance and dimensions.

SKF Chains

SKF chain range nomenclature has a defined prefix of PHC.
All standardized chains we produce conform to conventional basic part number format – ISO, BS, or DIN.

Special chains – Leaf, Conveyor

The special and conveyor chains designation format is constant through the range, but there are very many combinations of materials, attachments and special considerations, the following is an example to indicate set up.



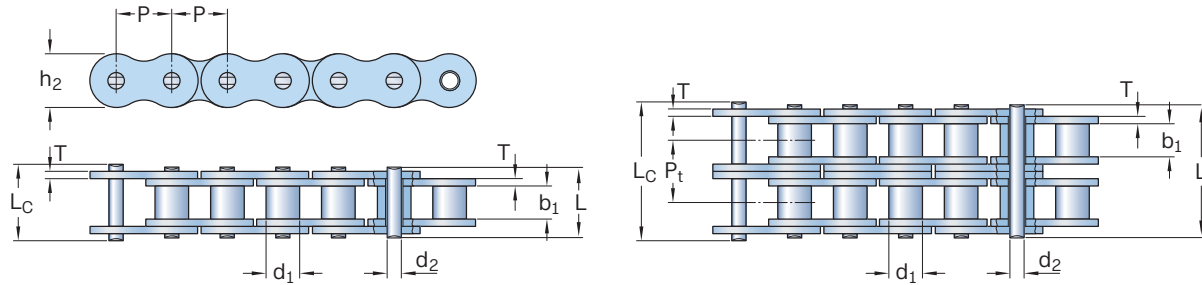
B

Main materials used in the chain construction. Typical only.

Side Plate	45Mn, 40Cr, 35CrMo, Premium carbon steel no. 45
Roller	Premium carbon steel no. 10, Premium carbon steel no. 45
Bush	20Mn Premium carbon steel no. 20
Pin	35CrMo, GCr15, 30CrMnTi, 40Cr, 20CrMnMo

Roller chains

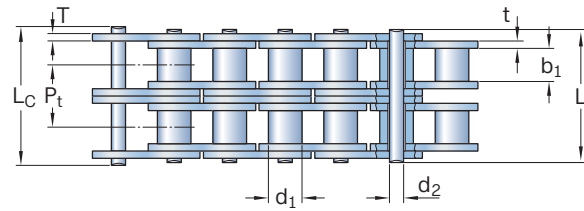
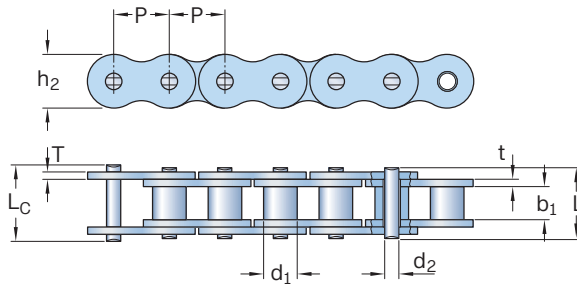
ANSI



ANSI Chain number	BS/ISO Chain number	Dimensions			Pin diameter	Pin length		Pin length cottered	Inner plate height	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Mass per meter	Designation
		Pitch	Roller diameter	Width between inner plates											
		p	d ₁ Max.	b ₁ Min.	d ₂ Max.	L Max.	L _c Max.	L _c Max.	h ₂ Max.	T Max.	P _t	Q Min.	Q ₀		
		mm										kN		kg/m	–
15-1 ¹⁾	03C-1 ¹⁾	4.76	2.48	2.38	1.62	6.10	6.90	–	4.30	0.60	–	1.8	2.0	0.08	PHC 15-1...
25-1 ¹⁾	04C-1 ¹⁾	6.35	3.30	3.18	2.31	7.90	8.40	–	6.00	0.80	–	3.5	4.6	0.15	PHC 25-1...
35-1 ¹⁾	06C-1 ¹⁾	9.53	5.08	4.77	3.58	12.40	13.17	–	9.00	1.30	–	7.9	10.8	0.33	PHC 35-1...
41-1	085-1	12.70	7.77	6.25	3.58	13.75	15.00	–	9.91	1.30	–	6.7	12.6	0.41	PHC 41-1...
40-1	08A-1	12.70	7.95	7.85	3.96	16.60	17.80	–	12.00	1.50	–	14.1	17.5	0.62	PHC 40-1...
50-1	10A-1	15.88	10.16	9.40	5.08	20.70	22.20	23.3	15.09	2.03	–	22.2	29.4	1.02	PHC 50-1...
60-1	12A-1	19.05	11.91	12.57	5.94	25.90	27.70	28.3	18.00	2.42	–	31.8	41.5	1.50	PHC 60-1...
80-1	16A-1	25.40	15.88	15.75	7.92	32.70	35.00	36.5	24.00	3.25	–	56.7	69.4	2.60	PHC 80-1...
100-1	20A-1	31.75	19.05	18.90	9.53	40.40	44.70	44.7	30.00	4.00	–	88.5	109.2	3.91	PHC 100-1...
120-1	24A-1	38.10	22.23	25.22	11.10	50.30	54.30	54.3	35.70	4.80	–	127.0	156.3	5.62	PHC 120-1...
140-1	28A-1	44.45	25.40	25.22	12.70	54.40	59.00	59.0	41.00	5.60	–	172.4	212.0	7.50	PHC 140-1...
160-1	32A-1	50.80	28.58	31.55	14.27	64.80	69.60	69.6	47.80	6.40	–	226.8	278.9	10.10	PHC 160-1...
180-1	36A-1	57.15	35.71	35.48	17.46	72.80	78.60	78.6	53.60	7.20	–	280.2	341.8	13.45	PHC 180-1...
200-1	40A-1	63.50	39.68	37.85	19.85	80.30	87.20	87.2	60.00	8.00	–	353.8	431.6	16.15	PHC 200-1...
240-1	48A-1	76.20	47.63	47.35	23.81	95.50	103.00	103.0	72.39	9.50	–	510.3	622.5	23.20	PHC 240-1...
25-2 ¹⁾	04C-2 ¹⁾	6.35	3.30	3.18	2.31	14.50	15.00	–	6.00	0.80	6.40	7.0	8.6	0.28	PHC 25-2...
35-2 ¹⁾	06C-2 ¹⁾	9.53	5.08	4.77	3.58	22.50	23.30	–	9.00	1.30	10.13	15.8	19.7	0.63	PHC 35-2...
41-2	085-2	12.70	7.77	6.25	3.58	25.70	26.90	–	9.91	1.30	11.95	13.3	16.9	0.81	PHC 41-2...
40-2	08A-2	12.70	7.95	7.85	3.96	31.00	32.20	–	12.00	1.50	14.38	28.2	35.9	1.12	PHC 40-2...
50-2	10A-2	15.88	10.16	9.40	5.08	38.90	40.40	41.2	15.09	2.03	18.11	44.4	58.1	2.00	PHC 50-2...
60-2	12A-2	19.05	11.91	12.57	5.94	48.80	50.50	51.1	18.00	2.42	22.78	63.6	82.1	2.92	PHC 60-2...
80-2	16A-2	25.40	15.88	15.75	7.92	62.70	64.30	65.8	24.00	3.25	29.29	113.4	141.8	5.15	PHC 80-2...
100-2	20A-2	31.75	19.05	18.90	9.53	76.40	80.50	80.5	30.00	4.00	35.76	177.0	219.4	7.80	PHC 100-2...
120-2	24A-2	38.10	22.23	25.22	11.10	95.80	99.70	99.7	35.70	4.80	45.44	254.0	314.9	11.70	PHC 120-2...
140-2	28A-2	44.45	25.40	25.22	12.70	103.30	107.90	107.9	41.00	5.60	48.87	344.8	427.5	15.14	PHC 140-2...
160-2	32A-2	50.80	28.58	31.55	14.27	123.30	128.10	128.1	47.80	6.40	58.55	453.6	562.4	20.14	PHC 160-2...
180-2	36A-2	57.15	35.71	35.48	17.46	138.60	144.40	144.4	53.60	7.20	65.84	560.5	695.0	29.22	PHC 180-2...
200-2	40A-2	63.50	39.68	37.85	19.85	151.90	158.80	158.8	60.00	8.00	71.55	707.6	877.4	32.24	PHC 200-2...
240-2	48A-2	76.20	47.63	47.35	23.81	183.40	190.80	190.8	72.39	9.50	87.83	1020.6	1255.3	45.23	PHC 240-2...
25-3 ¹⁾	04C-3 ¹⁾	6.35	3.30	3.18	2.31	21.00	21.50	–	6.00	0.80	6.40	10.5	12.6	0.44	PHC 25-3...
35-3 ¹⁾	06C-3 ¹⁾	9.53	5.08	4.77	3.58	32.70	33.50	–	9.00	1.30	10.13	23.7	28.6	1.05	PHC 35-3...
40-3	08A-3	12.70	7.95	7.85	3.96	45.40	46.60	–	12.00	1.50	14.38	42.3	50.0	1.90	PHC 40-3...
50-3	10A-3	15.88	10.16	9.40	5.08	57.00	58.50	59.3	15.09	2.03	18.11	66.6	77.8	3.09	PHC 50-3...
60-3	12A-3	19.05	11.91	12.57	5.94	71.50	73.30	73.9	18.00	2.42	22.78	95.4	111.1	4.54	PHC 60-3...
80-3	16A-3	25.40	15.88	15.75	7.92	91.70	93.60	95.1	24.00	3.25	29.29	170.1	198.4	7.89	PHC 80-3...
100-3	20A-3	31.75	19.05	18.90	9.53	112.20	116.30	116.3	30.00	4.00	35.76	265.5	309.6	11.77	PHC 100-3...
120-3	24A-3	38.10	22.23	25.22	11.10	141.40	145.20	145.2	35.70	4.80	45.44	381.0	437.2	17.53	PHC 120-3...
140-3	28A-3	44.45	25.40	25.22	12.70	152.20	156.80	156.8	41.00	5.60	48.87	517.2	593.3	22.20	PHC 140-3...
160-3	32A-3	50.80	28.58	31.55	14.27	181.80	186.60	186.6	47.80	6.40	58.55	680.4	780.6	30.02	PHC 160-3...
180-3	36A-3	57.15	35.71	35.48	17.46	204.40	210.20	210.2	53.60	7.20	65.84	840.7	983.6	38.22	PHC 180-3...
200-3	40A-3	63.50	39.68	37.85	19.85	223.50	230.40	230.4	60.00	8.00	71.55	1061.4	1217.8	49.03	PHC 200-3...
240-3	48A-3	76.20	47.63	47.35	23.81	271.30	278.60	278.6	72.39	9.50	87.83	1530.9	1756.5	71.60	PHC 240-3...

¹⁾ Bushing chain: d₁ indicates external diameter of bushing.
Standard lengths are 10 ft. and 5 m. To complete designation, add chain length. For example, a 10 ft. box of 140-1 is PHC 140-1X10FT.
One connecting link is contained per chain. For additional links, add "C/L" for connecting and "O/L" for "offset" to the designation.
For cottered, add a "C" after the number of strands. For example, 140-1 with a cottered pin is designated PHC 140-1C...

Roller chains BS/ISO



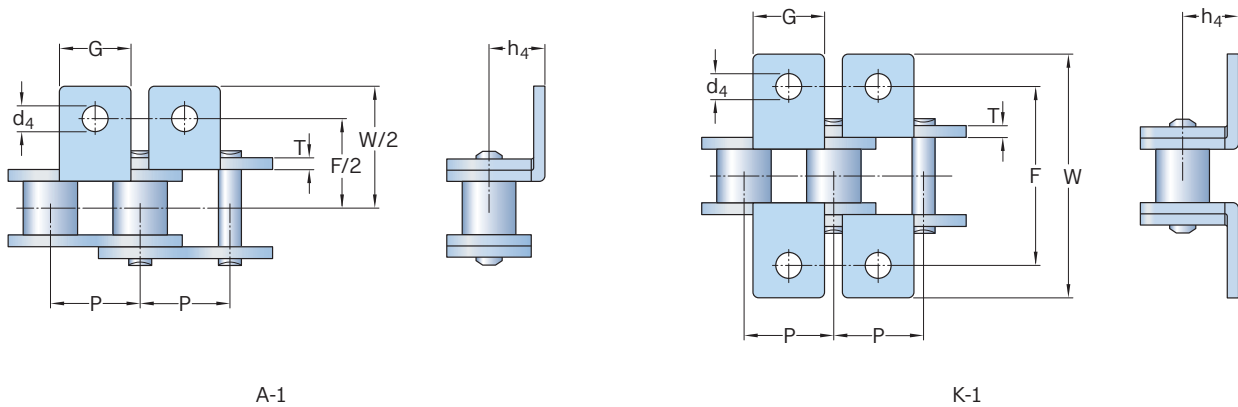
BS/ISO Chain number	Dimensions			Pin diameter	Pin length		Inner plate height	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Mass per meter	Designation	
	Pitch	Roller diameter	Width between inner plates											
	p	d ₁ Max.	b ₁ Min.											
				d ₂ Max.	L Max.	L _c Max.	h ₂ Max.	t Max.	T Max.	P _t	Q Min.	Q ₀		
–	mm										kN	kg/m	–	
04B-1	6.00	4.00	2.80	1.85	6.80	7.8	5.00	0.60	0.60	–	3.0	3.2	0.11	PHC 04B-1...
05B-1	8.00	5.00	3.00	2.31	8.20	8.9	7.10	0.80	0.80	–	5.0	5.9	0.20	PHC 05B-1...
06B-1 ¹⁾	9.53	6.35	5.72	3.28	13.15	14.1	8.20	1.30	1.30	–	9.0	10.4	0.41	PHC 06B-1...
08B-1	12.70	8.51	7.75	4.45	16.70	18.2	11.80	1.60	1.60	–	18.0	19.4	0.69	PHC 08B-1...
10B-1	15.88	10.16	9.65	5.08	19.50	20.9	14.70	1.70	1.70	–	22.4	27.5	0.93	PHC 10B-1...
12B-1	19.05	12.07	11.68	5.72	22.50	24.2	16.00	1.85	1.85	–	29.0	32.2	1.15	PHC 12B-1...
16B-1	25.40	15.88	17.02	8.28	36.10	37.4	21.00	4.15	3.10	–	60.0	72.8	2.71	PHC 16B-1...
20B-1	31.75	19.05	19.56	10.19	41.30	45.0	26.40	4.50	3.50	–	95.0	106.7	3.70	PHC 20B-1...
24B-1	38.10	25.40	25.40	14.63	53.40	57.8	33.20	6.00	4.80	–	160.0	178.0	7.10	PHC 24B-1...
28B-1	44.45	27.94	30.99	15.90	65.10	69.5	36.70	7.50	6.00	–	200.0	222.0	8.50	PHC 28B-1...
32B-1	50.80	29.21	30.99	17.81	66.00	71.0	42.00	7.00	6.00	–	250.0	277.5	10.25	PHC 32B-1...
40B-1	63.50	39.37	38.10	22.89	82.20	89.2	52.96	8.50	8.00	–	355.0	394.0	16.35	PHC 40B-1...
48B-1	76.20	48.26	45.72	29.24	99.10	107.0	63.80	12.00	10.00	–	560.0	621.6	25.00	PHC 48B-1...
56B-1	88.90	53.98	53.34	34.32	114.60	123.0	77.80	13.50	12.00	–	850.0	940.0	35.78	PHC 56B-1...
64B-1	101.60	63.50	60.96	39.40	130.00	138.5	90.17	15.00	13.00	–	1 120.0	1 240.0	46.00	PHC 64B-1...
72B-1	114.30	72.39	68.58	44.48	147.40	156.4	103.60	17.00	15.00	–	1 400.0	1 550.0	60.80	PHC 72B-1...
05B-2	8.00	5.00	3.00	2.31	13.90	14.5	7.10	0.80	0.80	5.64	7.8	10.2	0.33	PHC 05B-2...
06B-2 ²⁾	9.53	6.35	5.72	3.28	23.40	24.4	8.20	1.30	1.30	10.24	16.9	18.7	0.77	PHC 06B-2...
08B-2	12.70	8.51	7.75	4.45	31.20	32.2	11.80	1.60	1.60	13.92	32.0	38.7	1.34	PHC 08B-2...
10B-2	15.88	10.16	9.65	5.08	36.10	37.5	14.70	1.70	1.70	16.59	44.5	56.2	1.84	PHC 10B-2...
12B-2	19.05	12.07	11.68	5.72	42.00	43.6	16.00	1.85	1.85	19.46	57.8	66.1	2.31	PHC 12B-2...
16B-2	25.40	15.88	17.02	8.28	68.00	69.3	21.00	4.15	3.10	31.88	106.0	133.0	5.42	PHC 16B-2...
20B-2	31.75	19.05	19.56	10.19	77.80	81.5	26.40	4.50	3.50	36.45	170.0	211.2	7.20	PHC 20B-2...
24B-2	38.10	25.40	25.40	14.63	101.70	106.2	33.20	6.00	4.80	48.36	280.0	319.2	13.40	PHC 24B-2...
28B-2	44.45	27.94	30.99	15.90	124.60	129.1	36.70	7.50	6.00	59.56	360.0	406.8	16.60	PHC 28B-2...
32B-2	50.80	29.21	30.99	17.81	124.60	129.6	42.00	7.00	6.00	58.55	450.0	508.5	21.00	PHC 32B-2...
40B-2	63.50	39.37	38.10	22.89	154.50	161.5	52.96	8.50	8.00	72.29	630.0	711.9	32.00	PHC 40B-2...
48B-2	76.20	48.26	45.72	29.24	190.40	198.2	63.80	12.00	10.00	91.21	1 000.0	1 130.0	50.00	PHC 48B-2...
56B-2	88.90	53.98	53.34	34.32	221.20	229.6	77.80	13.50	12.00	106.60	1 600.0	1 760.0	71.48	PHC 56B-2...
64B-2	101.60	63.50	60.96	39.40	249.90	258.4	90.17	15.00	13.00	119.89	2 000.0	2 200.0	91.00	PHC 64B-2...
72B-2	114.30	72.39	68.58	44.48	283.70	292.7	103.60	17.00	15.00	136.27	2 500.0	2 750.0	120.40	PHC 72B-2...
05B-3	8.00	5.00	3.00	2.31	19.50	20.2	7.10	0.80	0.80	5.64	11.1	13.8	0.48	PHC 05B-3...
06B-3 ³⁾	9.53	6.35	5.72	3.28	33.50	34.6	8.20	1.30	1.30	10.24	24.9	30.1	1.16	PHC 06B-3...
08B-3	12.70	8.51	7.75	4.45	45.10	46.1	11.80	1.60	1.60	13.92	47.5	57.8	2.03	PHC 08B-3...
10B-3	15.88	10.16	9.65	5.08	52.70	54.1	14.70	1.70	1.70	16.59	66.7	84.5	2.77	PHC 10B-3...
12B-3	19.05	12.07	11.68	5.72	61.50	63.1	16.00	1.85	1.85	19.46	86.7	101.8	3.46	PHC 12B-3...
16B-3	25.40	15.88	17.02	8.28	99.80	101.2	21.00	4.15	3.10	31.88	160.0	203.7	8.13	PHC 16B-3...
20B-3	31.75	19.05	19.56	10.19	114.20	117.9	26.40	4.50	3.50	36.45	250.0	290.0	10.82	PHC 20B-3...
24B-3	38.10	25.40	25.40	14.63	150.10	154.6	33.20	6.00	4.80	48.36	425.0	493.0	20.10	PHC 24B-3...
28B-3	44.45	27.94	30.99	15.90	184.20	188.7	36.70	7.50	6.00	59.56	530.0	609.5	24.92	PHC 28B-3...
32B-3	50.80	29.21	30.99	17.81	183.20	188.2	42.00	7.00	6.00	58.55	670.0	770.5	31.56	PHC 32B-3...
40B-3	63.50	39.37	38.10	22.89	226.80	233.8	52.96	8.50	8.00	72.29	950.0	1 092.5	48.10	PHC 40B-3...
48B-3	76.20	48.26	45.72	29.24	281.60	289.4	63.80	12.00	10.00	91.21	1 500.0	1 710.0	75.00	PHC 48B-3...
56B-3	88.90	53.98	53.34	34.32	327.80	336.2	77.80	13.50	12.00	106.60	2 240.0	2 440.0	107.18	PHC 56B-3...
64B-3	101.60	63.50	60.96	39.40	369.80	378.3	90.17	15.00	13.00	119.89	3 000.0	3 300.0	136.00	PHC 64B-3...
72B-3	114.30	72.39	68.58	44.48	420.00	429.0	103.60	17.00	15.00	136.27	3 750.0	4 125.0	180.00	PHC 72B-3...

¹⁾ Straight side plates.

Standard lengths are 10 ft. and 5 m. To complete designation, add chain length. For example, a 5 m box of 08B-1 is PHC 08B-1X5MTR. One connecting link is contained per chain. For additional links, add "C/L" for "connecting" and "O/L" for "offset" to the designation.

Roller chain attachments

A-1 | K-1



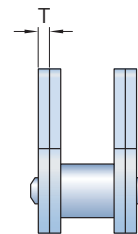
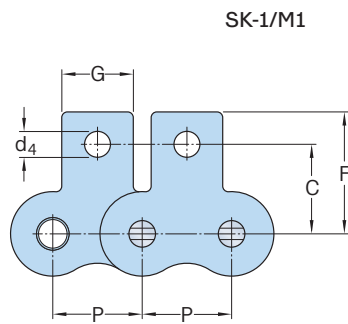
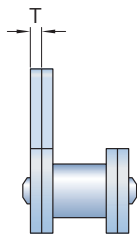
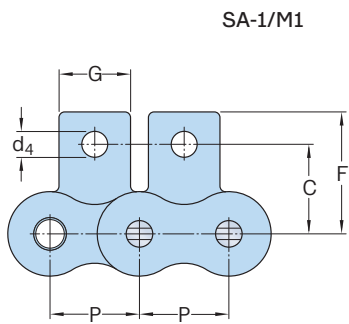
ANSI Chain number	BS/ISO Chain number	Dimensions							Designation
		P	G	F	W	T	h ₄	d ₄	
–	–	mm							–
35-1	06C-1	9.53	7.9	19.00	28.6	1.30	6.35	3.4	PHC 35-1...
40-1	08A-1	12.70	9.5	25.40	35.2	1.50	7.90	3.4	PHC 40-1...
41-1	085-1	12.70	9.5	24.00	33.4	1.30	6.90	3.6	PHC 41-1...
50-1	10A-1	15.88	12.7	31.75	46.2	2.03	10.30	5.5	PHC 50-1...
60-1	12A-1	19.05	15.9	38.10	55.6	2.42	11.90	5.5	PHC 60-1...
80-1	16A-1	25.40	19.1	50.80	64.8	3.25	15.90	6.8	PHC 80-1...
100-1	20A-1	31.75	25.4	63.50	87.3	4.00	19.80	9.2	PHC 100-1...
120-1	24A-1	38.10	28.6	76.20	108.5	4.80	23.00	9.8	PHC 120-1...
140-1	28A-1	44.45	34.9	88.90	123.0	5.60	28.60	11.4	PHC 140-1...
160-1	32A-1	50.80	38.1	101.60	142.8	6.40	31.75	13.1	PHC 160-1...
200-1	40A-1	63.50	50.8	127.00	179.0	8.00	42.88	16.3	PHC 200-1...
–	06B-1 ¹⁾	9.53	8.0	19.04	27.0	1.30	6.50	3.5	PHC 06B-1...
–	08B-1	12.70	9.5	25.40	36.4	1.60	8.90	4.5	PHC 08B-1...
–	10B-1	15.88	14.3	31.75	44.6	1.70	10.31	5.3	PHC 10B-1...
–	12B-1	19.05	16.0	38.10	52.4	1.85	13.46	6.4	PHC 12B-1...
–	16B-1	25.40	19.1	50.80	72.6	3.10	15.88	6.4	PHC 16B-1...
–	20B-1	31.75	35.0	63.50	100.5	3.50	19.80	9.0	PHC 20B-1...
–	24B-1	38.10	30.0	76.20	108.4	4.80	26.67	10.5	PHC 24B-1...
–	28B-1	44.45	35.0	88.90	123.0	6.00	28.58	13.1	PHC 28B-1...
–	32B-1	50.80	38.1	101.60	142.8	6.00	31.75	13.1	PHC 32B-1...

¹⁾ Straight side plates

To complete designation, add attachment spacing and type followed by chain length. For example, PHC 40-1-L2A1X10FT (ANSI 40-1 with A-1 attachment on every second link, 10 ft. length).
Note: Also available in stainless steel. When ordering, add SS after the chain number. For example, PHC 40-1SS-L1A1X10FT.

Roller chain attachments

SA-1/M1 | SK-1/M1



SA-1/M1

SK-1/M1

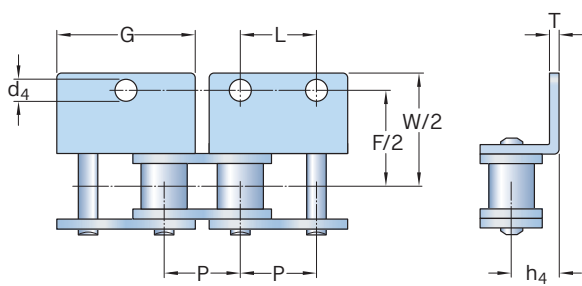
ANSI Chain number	BS/ISO Chain number	Dimensions						Designation
		P	G	C	F	T	d ₄	
–	–	mm						–
35-1	06C-1	9.53	7.9	9.50	14.55	1.30	3.4	PHC 35-1...
40-1	08A-1	12.70	9.5	12.70	19.05	1.50	3.4	PHC 40-1...
41-1	085-1	12.70	9.5	11.85	16.55	1.30	3.6	PHC 41-1...
50-1	10A-1	15.88	12.7	15.90	25.25	2.03	5.5	PHC 50-1...
60-1	12A-1	19.05	15.9	18.30	29.33	2.42	5.5	PHC 60-1...
80-1	16A-1	25.40	19.1	24.60	34.70	3.25	6.8	PHC 80-1...
100-1	20A-1	31.75	25.4	31.80	43.30	4.00	9.2	PHC 100-1...
120-1	24A-1	38.10	28.6	36.50	51.60	4.80	9.8	PHC 120-1...
140-1	28A-1	44.45	34.9	44.50	62.00	5.60	11.4	PHC 140-1...
160-1	32A-1	50.80	38.1	50.80	69.85	6.40	13.1	PHC 160-1...
200-1	40A-1	63.50	50.8	63.50	88.90	8.00	16.3	PHC 200-1...
–	06B-1 ¹⁾	9.53	8.0	9.52	13.50	1.30	3.5	PHC 06B-1...
–	08B-1	12.70	9.5	13.35	18.90	1.60	4.3	PHC 08B-1...
–	10B-1	15.88	14.3	16.50	22.95	1.70	5.3	PHC 10B-1...
–	12B-1	19.05	16.0	21.45	28.60	1.85	6.4	PHC 12B-1...
–	16B-1	25.40	19.1	23.15	34.00	3.10	6.4	PHC 16B-1...
–	20B-1	31.75	25.0	30.50	45.70	3.50	9.0	PHC 20B-1...

¹⁾ Straight side plates

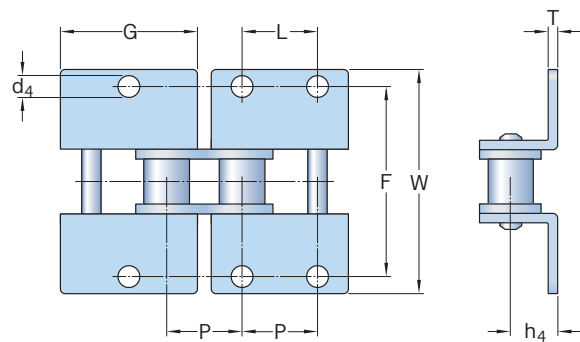
To complete designation, add attachment spacing and type followed by chain length. For example, PHC 80-1-L1SK1X10FT (ANSI 80-1 with SK-1 attachment on every link, 10 ft. length).
Note: Also available in stainless steel. When ordering, add SS after the chain number. For example, PHC 80-1SS-L1SK1X10FT.

Roller chain attachments

WA-1 · WA-2 | WK-1 · WK-2



WA-1, WA-2



WK-1, WK-2

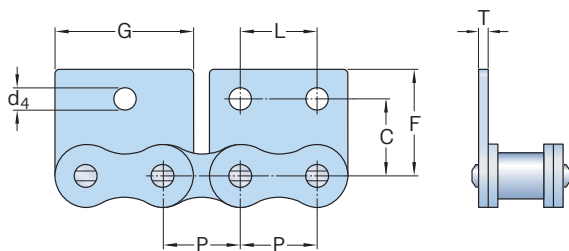
ANSI Chain number	BS/ISO Chain number	Dimensions								Designation
		P	G	L	F	W	T	h ₄	d ₄	
–	–	mm								–
35-1	06C-1	9.53	17.32	9.53	19.00	28.6	1.30	6.35	2.80	PHC 35-1...
40-1	08A-1	12.70	23.00	12.70	25.40	35.6	1.50	7.90	3.40	PHC 40-1...
41-1	085-1	12.70	22.30	12.70	24.00	35.0	1.30	7.20	4.85	PHC 41-1...
50-1	10A-1	15.88	28.80	15.88	31.75	46.8	2.03	10.30	5.50	PHC 50-1...
60-1	12A-1	19.05	34.65	19.05	38.10	56.4	2.42	11.90	5.50	PHC 60-1...
80-1	16A-1	25.40	45.90	25.40	50.80	73.2	3.25	15.90	6.80	PHC 80-1...
100-1	20A-1	31.75	57.65	31.75	63.50	89.8	4.00	19.80	9.20	PHC 100-1...
120-1	24A-1	38.10	69.30	38.10	76.20	108.8	4.80	23.00	9.80	PHC 120-1...
140-1	28A-1	44.45	80.45	44.45	88.90	123.0	5.60	28.60	11.40	PHC 140-1...
160-1	32A-1	50.80	92.00	50.80	101.60	142.8	6.40	31.75	13.10	PHC 160-1...
200-1	40A-1	63.50	115.50	63.50	127.00	179.0	8.00	42.88	16.30	PHC 200-1...
–	08B-1	12.70	24.00	12.70	25.40	36.4	1.60	8.90	4.30	PHC 08B-1...
–	10B-1	15.88	29.58	15.88	31.80	44.6	1.70	10.31	5.30	PHC 10B-1...
–	12B-1	19.05	34.05	19.05	38.10	52.0	1.85	13.46	6.40	PHC 12B-1...
–	16B-1	25.40	46.40	25.40	50.80	72.6	3.10	15.88	6.40	PHC 16B-1...
–	20B-1	31.75	58.10	31.75	63.00	100.5	3.50	19.80	9.00	PHC 20B-1...
–	24B-1	38.10	71.30	38.10	76.20	108.4	4.80	26.67	10.50	PHC 24B-1...
–	28B-1	44.45	81.10	44.45	88.90	123.0	6.00	28.58	13.10	PHC 28B-1...
–	32B-1	50.80	92.80	50.80	101.60	142.8	6.00	31.75	13.10	PHC 32B-1...

To complete designation, add attachment spacing and type followed by chain length. For example, PHC 80-1-L2WA2X10FT (ANSI 80-1 with WA-2 attachment on every second link, 10 ft. length).

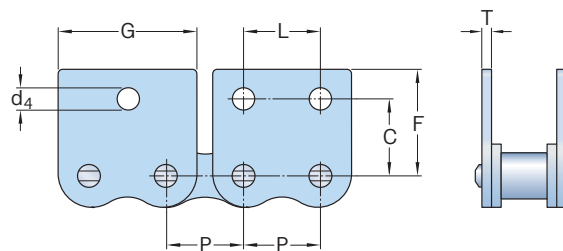
Note: 'WK' minimum attachment spacing is every second pitch only, due the width.

Note: Also available in stainless steel. When ordering, add SS after the chain number. For example, PHC 80-1SS-L2WA2X10FT.

Roller chain attachments WSA-1 · WSA-2 | WSK-1 · WSK-2



WSA-1, WSA-2



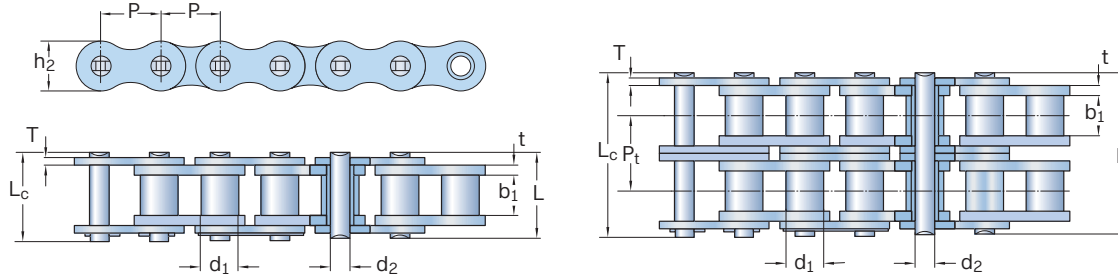
WSK-1, WSK-2

ANSI Chain number	BS/ISO Chain number	Dimensions							Designation
		P	G	L	C	F	T	d ₄	
–	–	mm							–
35-1	06C-1	9.53	17.32	9.53	9.50	14.55	1.30	2.8	PHC 35-1...
40-1	08A-1	12.70	23.00	12.70	12.70	17.40	1.50	3.4	PHC 40-1...
41-1	085-1	12.70	21.20	12.70	11.85	16.55	1.30	3.6	PHC 41-1...
50-1	10A-1	15.88	28.80	15.88	15.90	23.05	2.03	5.5	PHC 50-1...
60-1	12A-1	19.05	34.65	19.05	18.30	26.86	2.42	5.5	PHC 60-1...
80-1	16A-1	25.40	45.90	25.40	24.60	35.45	3.25	6.8	PHC 80-1...
100-1	20A-1	31.75	57.65	31.75	31.80	44.00	4.00	9.2	PHC 100-1...
120-1	24A-1	38.10	69.30	38.10	36.50	51.60	4.80	9.8	PHC 120-1...
140-1	28A-1	44.45	80.45	44.45	44.50	62.00	5.60	11.4	PHC 140-1...
160-1	32A-1	50.80	92.00	50.80	50.80	69.85	6.40	13.1	PHC 160-1...
200-1	40A-1	63.50	115.50	63.50	63.50	88.90	8.00	16.3	PHC 200-1...
–	08B-1	12.70	23.30	12.70	13.35	18.90	1.60	4.3	PHC 08B-1...
–	10B-1	15.88	29.58	15.88	16.50	22.95	1.70	5.3	PHC 10B-1...
–	12B-1	19.05	34.05	19.05	21.45	28.60	1.85	6.4	PHC 12B-1...
–	16B-1	25.40	46.40	25.40	23.15	34.00	3.10	6.4	PHC 16B-1...
–	20B-1	31.75	58.10	31.75	30.50	45.70	3.50	9.0	PHC 20B-1...

To complete designation, add attachment spacing and type followed by chain length. For example, PHC 80-1-L4WSA1X10FT (ANSI 80-1 with WSA-1 attachment on every fourth link, 10 ft. length).
Note: 'WK' minimum attachment spacing is every second pitch only, due the width.
Note: Also available in stainless steel. When ordering, add SS after the chain number. For example, PHC 80-1SS L4WSA1X10FT.

Extra performance chains

XP Chains



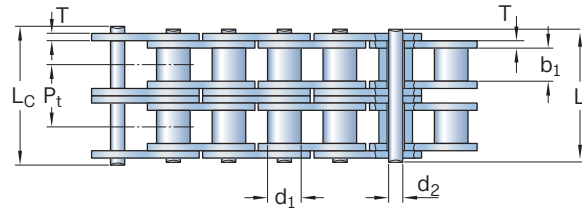
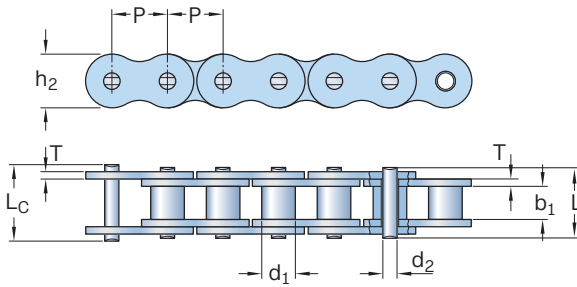
BS/ISO Chain number	Dimensions			Pin diameter	Pin length		Inner plate height	Plate thickness	Transverse pitch P _t	Ultimate tensile strength Q _{Min.}	Average tensile strength Q ₀	Weight per meter	Designation
	Pitch p	Roller diameter d ₁ Max.	Width between inner plates b ₁ Min.		L Max.	L _c Max.							
–	mm									kN		kg/m	–
06B-1XP	9.525	6.35	5.72	3.28	13.15	14.1	8.20	1.30	–	10.0	11.0	0.41	PHC 06B-1X5MTR-XP
08B-1XP	12.700	8.51	7.75	4.45	16.70	18.2	11.80	1.60	–	21.0	23.0	0.69	PHC 08B-1X5MTR-XP
10B-1XP	15.875	10.16	9.65	5.08	19.50	20.9	14.70	1.70	–	28.5	31.0	0.93	PHC 10B-1X5MTR-XP
12B-1XP	19.050	12.07	11.68	5.72	22.50	24.2	16.00	1.85	–	33.0	36.0	1.15	PHC 12B-1X5MTR-XP
16B-1XP	25.400	15.88	17.02	8.28	36.10	37.4	21.00	4.15	–	70.0	77.0	2.71	PHC 16B-1X5MTR-XP
20B-1v	31.750	19.05	19.56	10.19	41.30	45.0	26.40	4.50	–	106.7	117.0	3.70	PHC 20B-1X5MTR-XP
24B-1XP	38.100	25.40	25.40	14.63	53.40	57.8	33.20	6.00	–	176.0	193.0	7.10	PHC 24B-1X5MTR-XP
06B-2XP	9.525	6.35	5.72	3.28	23.4	24.4	8.20	1.30	10.24	18.5	20.0	0.77	PHC 06B-2X5MTR-XP
08B-2XP	12.700	8.51	7.75	4.45	31.0	32.2	11.80	1.60	13.92	36.0	39.0	1.34	PHC 08B-2X5MTR-XP
10B-2XP	15.875	10.16	9.65	5.08	36.1	37.5	14.70	1.70	16.59	55.6	61.0	1.84	PHC 10B-2X5MTR-XP
12B-2XP	19.050	12.07	11.68	5.72	42.0	43.6	16.00	1.85	19.46	63.5	69.0	2.31	PHC 12B-2X5MTR-XP
16B-2XP	25.400	15.88	17.02	8.28	68.0	69.3	21.00	4.15	31.88	121.9	134.0	5.42	PHC 16B-2X5MTR-XP
20B-2XP	31.750	19.05	19.56	10.19	77.8	81.5	26.40	4.50	36.45	211.2	232.0	7.20	PHC 20B-2X5MTR-XP
24B-2XP	38.100	25.40	25.40	14.63	101.7	106.2	33.20	6.00	48.36	308.0	338.0	13.40	PHC 24B-2X5MTR-XP

ANSI Chain number	Dimensions			Pin diameter	Pin length		Inner plate height	Plate thickness t / T Max.	Transverse pitch P _t	Ultimate tensile strength Q _{Min.}	Average tensile strength Q ₀	Weight per meter	Designation
	Pitch p	Roller diameter d ₁ Max.	Width between inner plates b ₁ Min.		L Max.	L _c Max.							
–	mm									kN/lbf	kN/lbf	kg/m	–
35-1XP	9.525	5.08	4.77	3.58	12.40	13.17	9.00	1.30	–	9.5 / 2136	13.3 / 2990	0.38	PHC 35-1X10FT-XP
40-1XP	12.700	7.92	7.85	3.96	16.60	17.80	12.00	1.50	–	16.7 / 3754	18.1 / 4069	0.68	PHC 40-1X10FT-XP
50-1XP	15.875	10.16	9.40	5.08	20.70	22.20	15.09	2.03	–	28.3 / 6362	30.8 / 6924	1.13	PHC 50-1X10FT-XP
60-1XP	19.050	11.91	12.57	5.94	25.90	27.70	18.00	2.42	–	37.6 / 8452	45 / 10116	1.62	PHC 60-1X10FT-XP
80-1XP	25.400	15.88	15.75	7.92	32.70	35.00	24.00	3.25	–	66.7 / 14994	77.8 / 17490	2.78	PHC 80-1X10FT-XP
100-1XP	31.750	19.05	18.90	9.53	40.40	44.70	30.00	4.00	–	95.7 / 21513	111.7 / 25111	4.25	PHC 100-1X10FT-XP
120-1XP	38.100	22.23	25.22	11.10	50.30	54.30	35.70	4.80	–	137.5 / 30910	151.4 / 34036	6.08	PHC 120-1X10FT-XP
35-2XP	9.525	5.08	4.77	3.58	22.50	23.30	9.00	1.30	10.13	19.0 / 4271	25.8 / 5800	0.62	PHC 35-2X10FT-XP
40-2XP	12.700	7.92	7.85	3.96	31.00	32.20	12.00	1.50	14.38	33.4 / 7508	37.4 / 8408	1.36	PHC 40-2X10FT-XP
50-2XP	15.875	10.16	9.40	5.08	38.90	40.40	15.09	2.03	18.11	56.7 / 12746	64.1 / 14410	1.98	PHC 50-2X10FT-XP
60-2XP	19.050	11.91	12.57	5.94	48.80	50.50	18.00	2.42	22.78	75.1 / 16882	95.2 / 21402	3.10	PHC 60-2X10FT-XP
80-2XP	25.400	15.88	15.75	7.92	62.70	64.00	24.00	3.25	29.29	133.4 / 29988	157.9 / 35497	5.21	PHC 80-2X10FT-XP
100-2XP	31.750	19.05	18.90	9.53	76.40	80.50	30.00	4.00	35.76	191.4 / 43027	229.9 / 51684	8.40	PHC 100-2X10FT-XP
120-2XP	38.100	22.23	25.22	11.10	95.80	99.70	35.70	4.80	45.44	275.0 / 61820	291.8 / 65600	12.07	PHC 120-2X10FT-XP

Note: The ANSI series XP Chains are also available in 5 meter versions. For example, PHC 35-1X5MTR-XP
For further information, please contact SKF.

Extra strength chains

H Chains | SH Chains



Extra strength type	ANSI Chain number	Dimensions			Pin diameter d ₂ Max.	Pin length		Pin length cottered L _c Max.	Inner plate height h ₂ Max.	Plate thickness T Max.	Transverse pitch P _t	Ultimate tensile strength	Average tensile strength	Mass per meter	Designation
		Pitch p	Roller diameter d ₁ Max.	Width between inner plates b ₁ Min.		L Max.	L _c Max.					Q Min.	Q ₀		
–	–	mm										kN		kg/m	–
H	35H-1 ¹⁾	9.53	5.08	4.77	3.58	13.3	14.3	–	9.00	1.50	–	7.9	10.8	0.41	PHC 35H-1...
	40H-1	12.70	7.95	7.85	3.96	18.8	19.9	–	12.00	2.03	–	14.1	19.1	0.82	PHC 40H-1...
	50H-1	15.88	10.16	9.40	5.08	22.1	23.4	24.4	15.09	2.42	–	22.2	30.2	1.25	PHC 50H-1...
	60H-1	19.05	11.91	12.57	5.94	29.2	31.0	31.6	18.00	3.25	–	31.8	42.7	1.87	PHC 60H-1...
	80H-1	25.40	15.88	15.75	7.92	36.2	37.7	39.4	24.00	4.00	–	56.7	71.4	3.10	PHC 80H-1...
	100H-1	31.75	19.05	18.90	9.53	43.6	46.9	46.9	30.00	4.80	–	88.5	112.4	4.52	PHC 100H-1...
	120H-1	38.10	22.23	25.22	11.10	53.5	57.5	57.5	35.70	5.60	–	127.0	160.9	6.60	PHC 120H-1...
	140H-1	44.45	25.40	25.22	12.70	57.6	62.2	62.2	41.00	6.40	–	172.4	217.3	8.30	PHC 140H-1...
	160H-1	50.80	28.58	31.55	14.27	68.2	73.0	73.0	47.80	7.20	–	226.8	285.8	10.30	PHC 160H-1...
	180H-1	57.15	35.71	35.48	17.46	75.9	81.6	–	53.60	8.00	–	281.0	341.8	14.83	PHC 180H-1...
	200H-1	63.50	39.68	37.85	19.85	86.6	93.5	93.5	60.00	9.50	–	353.8	444.5	19.16	PHC 200H-1...
	240H-1	76.20	47.63	47.35	23.81	109.6	115.9	–	72.30	12.70	–	500.0	600.0	30.40	PHC 240H-1...
	60H-2	19.05	11.91	12.57	5.94	55.3	57.1	57.7	18.00	3.25	26.11	63.6	84.5	3.71	PHC 60H-2...
	80H-2	25.40	15.88	15.75	7.92	68.8	70.3	72.0	24.00	4.00	32.59	113.4	145.3	6.15	PHC 80H-2...
	100H-2	31.75	19.05	18.90	9.53	82.7	86.0	86.0	30.00	4.80	39.09	177.0	225.9	9.03	PHC 100H-2...
	120H-2	38.10	22.23	25.22	11.10	102.4	106.4	106.4	35.70	5.60	48.87	254.0	322.7	13.13	PHC 120H-2...
	140H-2	44.45	25.40	25.22	12.70	109.8	114.4	114.4	41.00	6.40	52.20	344.8	437.7	16.60	PHC 140H-2...
	160H-2	50.80	28.58	31.55	14.27	130.1	134.9	134.9	47.80	7.20	61.90	453.6	571.6	20.20	PHC 160H-2...
	200H-2	63.50	39.68	37.85	19.85	164.9	171.8	171.8	60.00	9.50	78.31	707.6	894.9	38.11	PHC 200H-2...
	240H-2	76.20	407.63	47.35	23.81	211.0	217.3	217.3	72.30	12.70	47.35	1000.0	1200.0	64.78	PHC 240H-2...
	60H-3	19.05	11.91	12.57	5.94	81.4	83.2	83.8	18.00	3.25	26.11	95.4	113.9	5.54	PHC 60H-3...
	80H-3	25.40	15.88	15.75	7.92	101.4	102.9	104.6	24.00	4.00	32.59	170.1	203.5	9.42	PHC 80H-3...
	100H-3	31.75	19.05	18.90	9.53	121.8	125.1	125.1	30.00	4.80	39.09	265.5	314.8	12.96	PHC 100H-3...
	120H-3	38.10	22.23	25.22	11.10	151.2	155.2	155.2	35.70	5.60	48.87	381.0	444.7	19.64	PHC 120H-3...
	140H-3	44.45	25.40	25.22	12.70	162.0	166.6	166.6	41.00	6.40	52.20	517.2	598.4	24.90	PHC 140H-3...
	160H-3	50.80	28.58	31.55	14.27	192.0	196.8	196.8	47.80	7.20	61.90	680.4	787.3	30.10	PHC 160H-3...
	200H-3	63.50	39.68	37.85	19.85	243.2	250.1	250.1	60.00	9.50	78.31	1061.4	1228.2	57.06	PHC 200H-3...
	240H-3	76.20	47.63	47.35	23.81	312.0	318.3	318.3	72.30	12.70	47.35	1500.0	1650.0	70.53	PHC 240H-3...
SH	25SH-1 ¹⁾	6.35	3.30	3.18	2.01	9.0	–	–	6.00	2.01	–	5.1	5.6	2.17	PHC 25SH-1X...
	35SH-1 ¹⁾	9.53	5.08	4.77	3.58	13.3	14.3	–	9.00	1.50	–	11.0	13.6	0.41	PHC 35SH-1X...
	40SH-1	12.70	7.95	7.85	3.96	18.8	19.9	–	12.00	2.03	–	22.4	24.8	0.82	PHC 40SH-1X...
	50SH-1	15.88	10.16	9.40	5.08	22.1	23.4	–	15.09	2.42	–	30.4	36.2	1.25	PHC 50SH-1X...
	60SH-1	19.05	11.91	12.57	5.94	29.2	31.6	–	18.00	3.25	–	44.1	50.4	1.87	PHC 60SH-1X...
	80SH-1	25.40	15.88	15.75	7.92	36.2	37.7	–	24.00	4.00	–	88.2	93.0	3.10	PHC 80SH-1X...
	100SH-1	31.75	19.05	18.90	9.53	43.6	46.9	–	30.00	4.80	–	116.6	129.1	4.52	PHC 100SH-1X...
	120SH-1	38.10	22.23	25.22	11.10	53.5	57.5	–	35.70	5.60	–	158.2	175.3	6.60	PHC 120SH-1X...
	140SH-1	44.45	25.40	25.22	12.70	57.6	62.2	–	41.00	6.40	–	206.0	266.5	8.30	PHC 140SH-1X...
	160SH-1	50.80	28.58	31.55	14.27	68.2	73.0	–	47.80	7.20	–	274.0	293.0	10.30	PHC 160SH-1X...
	200SH-1	63.50	39.68	37.85	19.85	86.6	93.5	–	60.00	9.50	–	506.1	562.3	19.16	PHC 200SH-1X...
	240SH-1	76.20	47.63	47.35	23.81	109.6	115.9	–	72.30	12.70	–	650.00	715.0	32.81	PHC 240SH-1X...

¹⁾ Bushing chain: d₁ indicates external diameter of bushing.

Standard lengths are 10 ft. and 5 m. To complete designation, add chain length. For example, a 5 m box of 160H-1 is PHC 160H-1X5MTR.

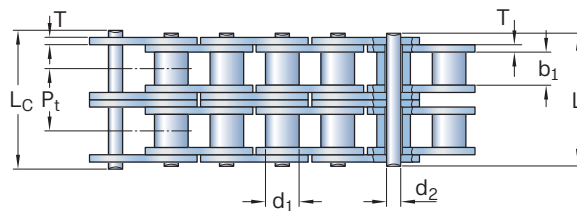
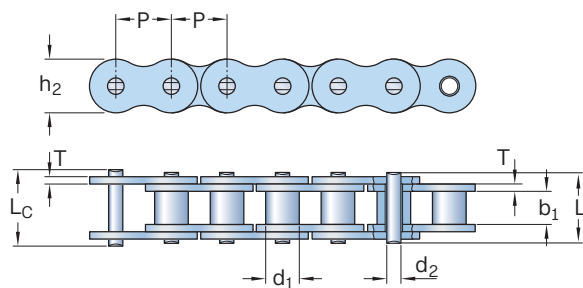
One connecting link is contained per chain. For additional links, add "C/L" for connecting and "O/L" for "offset" to the designation.

For cottered, add a "C" after the number of strands. For example, 160H-1 with a cottered pin is designated PHC 160H-1C...

For heavy duty multistrand chain drives with H, SH or SHH chains, special sprockets are needed due to differences in transverse pitch.

Extra strength chains

SPH Chains | SHH Chains



Extra strength type	ANSI Chain number	Dimensions			Pin diameter d ₂ Max.	Pin length		Pin length cottered L _c Max.	Inner plate height h ₂ Max.	Plate thickness T Max.	Transverse pitch P _t	Ultimate tensile strength	Average tensile strength	Mass per meter	Designation
		Pitch p	Roller diameter d ₁ Max.	Width between inner plates b ₁ Min.		L Max.	L _c Max.					Q Min.	Q ₀		
—	—	mm										kN		kg/m	—
SPH	80SPH-1	25.40	15.88	15.75	7.94	32.7	36.5	—	24.10	3.20	—	77.5	85.3	2.86	PHC80SPH-1X...
	100SPH-1	31.75	19.05	18.95	9.54	40.4	44.7	—	30.10	4.00	—	115.5	127.0	4.21	PHC100SPH-1X...
	120SPH-1	38.10	22.23	25.22	11.11	50.3	54.3	—	36.20	4.80	—	165.0	186.0	6.36	PHC120SPH-1X...
	140SPH-1	44.45	25.40	25.22	12.71	54.4	59.0	—	42.20	5.60	—	222.7	245.0	8.04	PHC140SPH-1X...
	160SPH-1	50.80	28.58	31.55	14.29	64.8	69.6	—	48.20	6.40	—	285.5	314.0	10.80	PHC160SPH-1X...
	200SPH-1	63.50	39.68	37.85	19.85	80.3	87.2	—	60.30	8.00	—	445.5	490.0	18.00	PHC 200SPH-1X...
	80SPH-2	25.40	15.88	15.75	7.94	62.7	65.8	—	24.10	3.20	29.29	155.0	170.6	5.68	PHC80SPH-2X...
	100SPH-2	31.75	19.05	18.95	9.54	76.4	80.5	—	30.10	4.00	35.76	231.0	255.0	8.34	PHC100SPH-2X...
	120SPH-2	38.10	22.23	25.22	11.11	95.8	99.7	—	36.20	4.80	45.34	339.0	373.0	12.63	PHC120SPH-2X...
	140SPH-2	44.45	25.40	25.22	12.71	103.3	107.9	—	42.20	5.60	48.87	445.5	490.0	15.92	PHC140SPH-2X...
	160SPH-2	50.80	28.58	31.55	14.29	123.3	128.1	—	48.20	6.40	58.55	571.0	628.0	21.43	PHC160SPH-2X...
	200SPH-2	63.50	39.68	37.85	19.85	151.9	158.8	—	60.30	8.00	71.55	892.0	981.0	35.00	PHC 200SPH-2X...
	80SPH-3	25.40	15.88	15.75	7.94	91.7	95.1	—	24.10	3.20	29.29	232.5	255.9	8.18	PHC80SPH-3X...
	100SPH-3	31.75	19.05	18.95	9.54	112.2	116.3	—	30.10	4.00	35.76	347.3	382.0	12.47	PHC100SPH-3X...
	120SPH-3	38.10	22.23	25.22	11.11	141.4	145.2	—	36.20	4.80	45.34	508.0	559.0	18.90	PHC120SPH-3X...
	140SPH-3	44.45	25.40	25.22	12.71	152.2	156.8	—	42.20	5.60	48.87	688.0	735.0	23.84	PHC140SPH-3X...
	160SPH-3	50.80	28.58	31.55	14.29	181.8	186.6	—	48.20	6.40	58.55	855.5	941.0	32.10	PHC160SPH-3X...
	200SPH-3	63.50	39.68	37.85	19.85	223.5	230.4	—	60.30	8.00	71.55	1336.4	1470.0	52.50	PHC 200SPH-3X...
SHH	80SHH-1	25.40	15.88	15.75	7.94	36.2	38.9	—	24.10	4.00	—	89.2	98.1	3.36	PHC 80SHH-1X...
	100SHH-1	31.75	19.05	18.90	9.54	43.6	46.9	—	30.10	4.80	—	131.8	145.0	4.90	PHC 100SHH-1X...
	120SHH-1	38.10	22.23	25.22	11.11	53.5	57.5	—	36.20	5.60	—	176.0	196.0	7.12	PHC 120SHH-1X...
	140SHH-1	44.45	25.40	25.22	12.71	57.6	62.2	—	42.20	6.40	—	231.9	255.0	8.88	PHC 140SHH-1X...
	160SHH-1	50.80	28.58	31.55	14.29	68.2	73.0	—	48.20	7.20	—	294.5	324.0	11.72	PHC 160SHH-1X...
	200SHH-1	63.50	39.68	37.85	19.85	86.6	93.5	—	60.30	9.50	—	543.6	598.0	19.80	PHC 200SHH-1X...
	240SHH-1	76.20	47.63	47.35	23.81	109.6	115.9	—	72.35	12.70	—	801.7	922.0	32.25	PHC 240SHH-1X...
	80SHH-2	25.40	15.88	15.75	7.94	68.8	72.0	—	24.10	4.00	32.59	178.4	196.2	6.65	PHC 80SHH-2X...
	100SHH-2	31.75	19.05	18.90	9.54	82.7	86.0	—	30.10	4.80	39.09	263.6	290.0	9.71	PHC 100SHH-2X...
	120SHH-2	38.10	22.23	25.22	11.11	102.4	106.4	—	36.20	5.60	48.87	356.4	392.0	14.12	PHC 120SHH-2X...
	140SHH-2	44.45	25.40	25.22	12.71	109.8	114.4	—	42.20	6.40	52.20	463.6	510.0	17.38	PHC 140SHH-2X...
	160SHH-2	50.80	28.58	31.55	14.29	130.1	134.9	—	48.20	7.20	61.90	588.0	647.0	23.00	PHC 160SHH-2X...
	200SHH-2	63.50	39.68	37.85	19.85	164.9	171.8	—	60.30	9.50	78.31	1 091.0	1 200.0	38.50	PHC 200SHH-2X...
	240SHH-2	76.20	47.63	47.35	23.81	211.0	217.3	—	72.35	12.70	101.22	1 603.4	1 763.0	68.18	PHC 240SHH-2X...
	80SHH-3	25.40	15.88	15.75	7.94	101.4	104.6	—	24.10	4.00	32.59	267.6	294.3	9.95	PHC 80SHH-3X...
	100SHH-3	31.75	19.05	18.90	9.54	121.8	125.1	—	30.10	4.80	39.09	395.4	435.0	14.53	PHC 100SHH-3X...
	120SHH-3	38.10	22.23	25.22	11.11	151.2	155.2	—	36.20	5.60	48.87	534.5	588.0	21.12	PHC 120SHH-3X...
	140SHH-3	44.45	25.40	25.22	12.71	162.0	166.6	—	42.20	6.40	52.20	695.5	765.0	25.88	PHC 140SHH-3X...
	160SHH-3	50.80	28.58	31.55	14.29	192.0	196.8	—	48.20	7.20	61.90	882.7	971.0	34.22	PHC 160SHH-3X...
	200SHH-3	63.50	39.68	37.85	19.85	243.2	250.1	—	60.30	9.50	78.31	1 627.3	1 790.0	57.29	PHC 200SHH-3X...
	240SHH-3	76.20	47.63	47.35	23.81	312.0	318.3	—	72.35	12.70	101.22	2 405.1	2 645.0	92.45	PHC 240SHH-3X...

¹⁾ Bushing chain: d1 indicates external diameter of bushing.

Standard lengths are 10 ft. and 5 m. To complete designation, add chain length. For example, a 5 m box of 160H-1 is PHC 160H-1X5MTR.

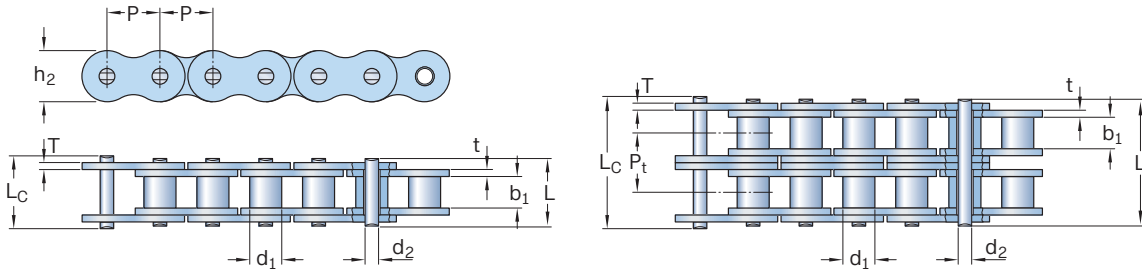
One connecting link is contained per chain. For additional links, add "C/L" for connecting and "O/L" for "offset" to the designation.

For cotted, add a "C" after the number of strands. For example, 160H-1 with a cotted pin is designated PHC 160H-1C...

For heavy duty multistrand chain drives with H, SH or SHH chains, special sprockets are needed due to differences in transverse pitch.

Corrosion resistant chains

Stainless steel chains | Nickel-plated, zinc-plated and dacrotized chains

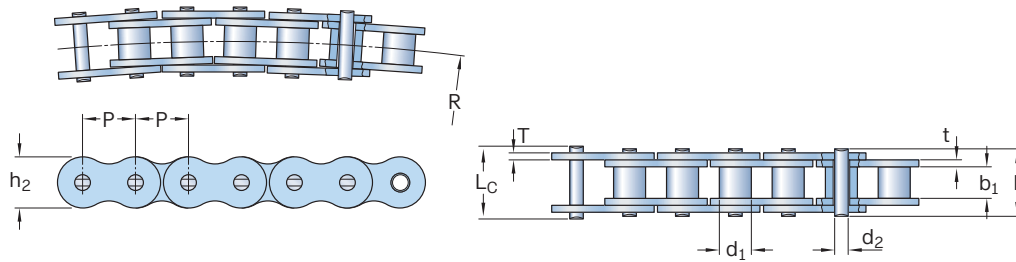


Corrosion resistance type	Chain number	Dimensions			Pin diameter	Pin length		Inner plate height	Plate thickness		Ultimate tensile strength	Mass per meter	Designation
		Pitch	Roller diameter	Width between inner plates									
		P	d ₁ Max.	b ₁ Min.	d ₂ Max.	L Max.	L _c Max.	h ₂ Max.	t Max.	T Max.	Q Min.		
–	–	mm									kN	kg/m	–
SS	25-1SS ¹⁾	6.35	3.30	3.18	2.31	7.90	8.40	6.00	0.80	0.80	2.5	0.15	PHC 25-1SS...
Plated	25-1 ¹⁾	6.35	3.30	3.18	2.31	7.90	8.40	6.00	0.80	0.80	3.5	0.15	PHC 25-1...
SS	35-1SS ¹⁾	9.53	5.08	4.77	3.58	12.40	13.17	9.00	1.30	1.30	5.5	0.33	PHC 35-1SS...
Plated	35-1 ¹⁾	9.53	5.08	4.77	3.58	12.40	13.17	9.00	1.30	1.30	7.9	0.33	PHC 35-1...
SS	40-1SS	12.70	7.95	7.85	3.96	16.60	17.80	12.00	1.50	1.50	9.6	0.63	PHC 40-1SS...
Plated	40-1	12.70	7.95	7.85	3.96	16.60	17.80	12.00	1.50	1.50	14.1	0.62	PHC 40-1...
SS	41-1SS	12.70	7.77	6.25	3.58	13.75	15.00	9.91	1.30	1.30	6.0	0.46	PHC 41-1SS...
Plated	41-1	12.70	7.77	6.25	3.58	13.75	15.00	9.91	1.30	1.30	6.7	0.41	PHC 41-1...
SS	50-1SS	15.88	10.16	9.40	5.08	20.70	22.20	15.09	2.03	2.03	15.2	1.03	PHC 50-1SS...
Plated	50-1	15.88	10.16	9.40	5.08	20.70	22.20	15.09	2.03	2.03	22.2	1.02	PHC 50-1...
SS	60-1SS	19.05	11.91	12.57	5.94	25.90	27.70	18.00	2.42	2.42	21.7	1.51	PHC 60-1SS...
Plated	60-1	19.05	11.91	12.57	5.94	25.90	27.70	18.00	2.42	2.42	31.8	1.50	PHC 60-1...
SS	80-1SS	25.40	15.88	15.75	7.92	32.70	35.00	24.00	3.25	3.25	38.9	2.62	PHC 80-1SS...
Plated	80-1	25.40	15.88	15.75	7.92	32.70	35.00	24.00	3.25	3.25	56.7	2.60	PHC 80-1...
SS	100-1SS	31.75	19.05	18.90	9.53	40.40	44.70	30.00	4.00	4.00	60.0	3.94	PHC 100-1SS...
Plated	100-1	31.75	19.05	18.90	9.53	40.40	44.70	30.00	4.00	4.00	88.5	3.91	PHC 100-1...
SS	120-1SS	38.10	22.23	25.22	11.10	50.30	54.30	35.70	4.80	4.80	72.5	5.72	PHC 120-1SS...
Plated	120-1	38.10	22.23	25.22	11.10	50.30	54.30	35.70	4.80	4.80	127.0	5.62	PHC 120-1...
SS	140-1SS	44.45	25.40	25.22	12.70	54.40	59.00	41.00	5.60	5.60	94.0	7.70	PHC 140-1SS...
Plated	140-1	44.45	25.40	25.22	12.70	54.40	59.00	41.00	5.60	5.60	172.4	7.50	PHC 140-1...
Plated	160-1	50.80	28.58	31.55	14.27	64.80	69.60	47.80	6.40	6.40	226.8	10.10	PHC 160-1...
SS	04B-1SS	6.00	4.00	2.80	1.85	6.80	7.80	5.00	0.60	0.60	2.0	0.11	PHC 04B-1SS...
Plated	04B-1	6.00	4.00	2.80	1.85	6.80	7.80	5.00	0.60	0.60	3.0	0.11	PHC 04B-1...
SS	05B-1SS	8.00	5.00	3.00	2.31	8.20	8.90	7.10	0.80	0.80	3.5	0.20	PHC 05B-1SS...
Plated	05B-1	8.00	5.00	3.00	2.31	8.20	8.90	7.10	0.80	0.80	5.0	0.20	PHC 05B-1...
SS	06B-1 ²⁾	9.53	6.35	5.72	3.28	13.15	14.10	8.20	1.30	1.30	6.2	0.41	PHC 06B-1...
Plated	06B-1 ²⁾	9.53	6.35	5.72	3.28	13.15	14.10	8.20	1.30	1.30	9.0	0.41	PHC 06B-1...
SS	08B-1SS	12.70	8.51	7.75	4.45	16.70	18.20	11.80	1.60	1.60	12.0	0.70	PHC 08B-1SS...
Plated	08B-1	12.70	8.51	7.75	4.45	16.70	18.20	11.80	1.60	1.60	18.0	0.69	PHC 08B-1...
SS	10B-1SS	15.88	10.16	9.65	5.08	19.50	20.90	14.70	1.70	1.70	14.5	0.94	PHC 10B-1SS...
Plated	10B-1	15.88	10.16	9.65	5.08	19.50	20.90	14.70	1.70	1.70	22.4	0.93	PHC 10B-1...
SS	12B-1SS	19.05	12.07	11.68	5.72	22.50	24.20	16.00	1.85	1.85	18.5	1.16	PHC 12B-1SS...
Plated	12B-1	19.05	12.07	11.68	5.72	22.50	24.20	16.00	1.85	1.85	29.0	1.15	PHC 12B-1...
SS	16B-1SS	25.40	15.88	17.02	8.28	36.10	37.40	21.00	4.15	3.10	40.0	2.73	PHC 16B-1SS...
Plated	16B-1	25.40	15.88	17.02	8.28	36.10	37.40	21.00	4.15	3.10	60.0	2.71	PHC 16B-1...
SS	20B-1SS	31.75	19.05	19.56	10.19	41.30	45.00	26.40	4.50	3.50	59.0	3.73	PHC 20B-1SS...
Plated	20B-1	31.75	19.05	19.56	10.19	41.30	45.00	26.40	4.50	3.50	95.0	3.70	PHC 20B-1...
SS	24B-1SS	38.10	25.40	25.40	14.63	53.40	57.80	33.20	6.00	4.80	104.0	7.20	PHC 24B-1SS...
Plated	24B-1	38.10	25.40	25.40	14.63	53.40	57.80	33.20	6.00	4.80	160.0	7.10	PHC 24B-1...
Plated	28B-1	44.45	27.94	30.99	15.90	65.10	69.50	36.70	7.50	6.00	200.0	8.50	PHC 28B-1...
SS	32B-1SS	50.80	29.21	30.99	17.81	66.00	71.00	42.00	7.00	6.00	150.0	10.22	PHC 32B-1SS...
Plated	32B-1	50.80	29.21	30.99	17.81	66.00	71.00	42.00	7.00	6.00	250.0	10.25	PHC 32B-1...

¹⁾ Bushing chain: d₁ indicates external diameter of bushing. ²⁾ Straight side plates. Note: Duplex and double pitch plated chains are available in all sizes. When ordering plated chains, add suffix according to material selection after chain number: DR for dacrotized, NP for nickel-plated and ZP for zinc plated. For example, PHC 50-1DR... 50-1 ANSI Simplex dacrotized chain and PHC 60-2NP... ANSI Duplex nickel-plated chain. Standard lengths are 10 ft. and 5 m. To complete designation, add chain length. For example, a 10 ft. box of 12B-1NP is PHC 12B-1NPX10FT. One connecting link is contained per chain. For additional links, add "C/L" for "connecting" and "O/L" for "offset" to the designation.

Roller chains

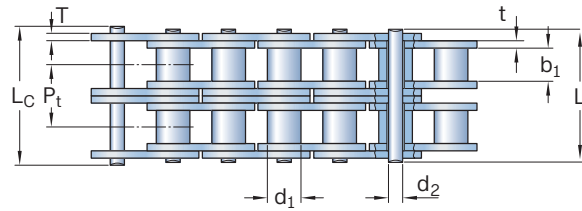
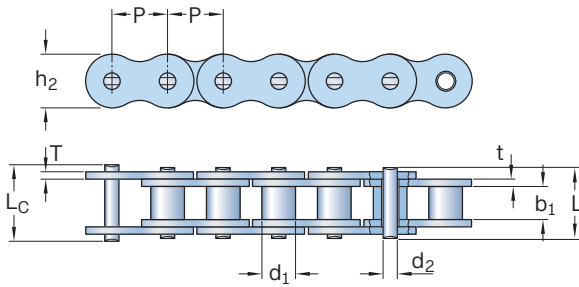
Side bow



Chain number	Dimensions			Pin diameter	Pin length		Inner plate height	Plate thickness		Side bow radius	Ultimate tensile strength	Average tensile strength	Mass per meter	Designation
	Pitch	Roller diameter	Width between inner plates		L	L _c		t	T		Q	Q0		
	P	d ₁ Max.	b ₁ Min.	d ₂ Max.	L Max.	L _c Max.	h ₂ Max.	t Max.	T Max.	R Min.	Q Min.	Q0		
–	mm										kN		kg/m	–
40-1SB	12.70	7.95	7.85	3.96	16.9	18.1	11.7	1.50	1.50	350	13.8	15.2	0.80	PHC 40-1SB...
43-1SB	12.70	7.95	7.85	3.45	18.3	19.5	11.7	1.50	1.50	305	12.0	13.2	0.64	PHC 43-1SB...
50-1SB	15.88	10.16	9.40	4.37	20.7	22.7	14.9	2.03	2.03	400	20.6	22.7	1.09	PHC 50-1SB...
60-1SB	19.05	11.91	12.57	5.34	26.6	28.4	18.0	2.42	2.42	500	15.7	17.3	1.54	PHC 60-1SB...
63-1SB	19.05	11.91	12.68	5.08	28.8	30.6	17.2	2.42	2.03	350	12.5	20.0	1.40	PHC 63-1SB...
80-1SB	25.40	15.88	15.75	7.19	34.0	37.3	24.0	3.25	3.25	711	40.9	42.0	2.60	PHC 80-1SB...
08B-1SB	12.70	8.51	7.75	3.97	17.4	18.7	11.8	1.60	1.60	400	14.0	15.4	0.70	PHC 08B-1SB...
10B-1SB	15.88	10.16	9.65	4.50	20.1	21.5	14.7	1.70	1.70	400	15.6	17.2	0.93	PHC 10B-1SB...
12B-1SB	19.05	12.07	11.68	5.12	23.1	24.8	16.0	1.85	1.85	500	20.5	22.6	1.16	PHC 12B-1SB...
C2050-1SB	31.75	10.16	9.40	5.08	21.3	22.6	15.0	2.03	2.03	800	21.8	24.1	0.84	PHC C2050-1SB...

Roller chains

Extra performance SLR chains



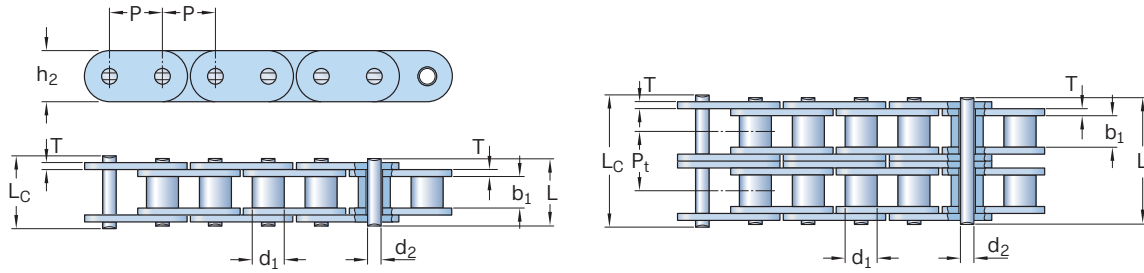
Chain number	Dimensions			Pin diameter	Pin length		Inner plate height	Plate thickness		Transverse pitch	Ultimate tensile strength	Mass per meter	Designation
	Pitch	Roller diameter	Width between inner plates		L _c Max.	L _c Max.		t Max.	T Max.				
	P	d ₁ Max.	b ₁ Min.	d ₂ Max.	L Max.	L _c Max.	h ₂ Max.	t Max.	T Max.	P _t	Q Min.		
—	mm										kN	kg/m	—
06B-1SLR	9.525	6.35	5.72	3.28	13.15	14.1	8.2	1.3	1.3	-	9.0	0.41	PHC 06B-1SLR...
08B-1SLR	12.70	8.51	7.75	4.45	16.7	18.2	11.8	1.60	1.60	-	18.0	0.69	PHC 08B-1SLR...
10B-1SLR	15.88	10.16	9.65	5.08	19.5	20.9	14.7	1.70	1.70	-	22.4	0.93	PHC 10B-1SLR...
12B-1SLR	19.05	12.07	11.68	5.72	22.5	24.2	16.0	1.85	1.85	-	29.0	1.15	PHC 12B-1SLR...
16B-1SLR	25.40	15.88	17.02	8.28	36.1	37.4	21.0	4.15	3.10	-	60.0	2.71	PHC 16B-1SLR...
20B-1SLR	31.75	19.05	19.56	10.19	41.3	45.0	26.4	4.50	3.50	-	95.0	3.70	PHC 20B-1SLR...
24B-1SLR	38.1	25.4	25.4	14.63	53.4	57.8	33.2	6.00	4.80	-	160.0	7.10	PHC 24B-1SLR...
06B-2SLR	9.525	6.35	5.72	3.28	23.4	24.4	8.2	1.3	1.3	10.24	16.9	0.77	PHC 06B-2SLR...
08B-2SLR	12.70	8.51	7.75	4.45	31.0	32.2	11.8	1.60	1.60	13.92	32.0	1.34	PHC 08B-2SLR...
10B-2SLR	15.88	10.16	9.65	5.08	36.1	37.5	14.7	1.70	1.70	16.59	44.5	1.84	PHC 10B-2SLR...
12B-2SLR	19.05	12.07	11.68	5.72	42.0	43.6	16.0	1.85	1.85	19.46	58.0	2.31	PHC 12B-2SLR...
16B-2SLR	25.40	15.88	17.02	8.28	68.0	69.3	21.0	4.15	3.10	31.88	106.0	5.42	PHC 16B-2SLR...
20B-2SLR	31.75	19.05	19.56	10.19	77.8	81.5	26.4	4.50	3.50	36.45	170.0	7.20	PHC 20B-2SLR...
24B-2SLR	38.1	25.4	25.4	14.63	101.7	106.2	33.2	6.00	4.80	48.36	280.0	13.40	PHC 24B-2SLR...
06B-3SLR	9.525	6.35	5.72	3.28	33.5	34.6	8.2	1.3	1.3	10.24	24.9	1.16	PHC 06B-3SLR...
08B-3SLR	12.70	8.51	7.75	4.45	45.1	46.1	11.8	1.60	1.60	13.92	47.5	2.03	PHC 08B-3SLR...
10B-3SLR	15.88	10.16	9.65	5.08	52.7	54.1	14.7	1.70	1.70	16.59	66.7	2.77	PHC 10B-3SLR...
12B-3SLR	19.05	12.07	11.68	5.72	61.5	63.1	16.0	1.85	1.85	19.46	86.7	3.46	PHC 12B-3SLR...
16B-3SLR	25.40	15.88	17.02	8.28	99.8	101.2	21.0	4.15	3.10	31.88	160.0	8.13	PHC 16B-3SLR...
20B-3SLR	31.75	19.05	19.56	10.19	114.2	117.9	26.4	4.50	3.50	36.45	250.0	10.82	PHC 20B-3SLR...
24B-3SLR	38.1	25.4	25.4	14.63	150.1	154.6	33.2	6.00	4.80	48.36	425.0	20.10	PHC 24B-3SLR...
35-1SLR ¹⁾	9.525	5.08	4.77	3.58	12.4	13.17	9.0	1.3	1.3	-	7.9	0.33	PHC 35-1SLR...
40-1SLR	12.70	7.95	7.85	3.96	16.6	17.8	12.0	1.50	1.50	-	14.1	0.62	PHC 40-1SLR...
50-1SLR	15.88	10.16	9.40	5.08	20.7	22.2	15.1	2.03	2.03	-	21.8	1.02	PHC 50-1SLR...
60-1SLR	19.05	11.91	12.57	5.94	27.5	29.3	18.0	2.42	2.42	-	34.2	1.65	PHC 60-1SLR...
80-1SLR	25.40	15.88	15.75	7.92	32.7	35.0	24.0	3.25	3.25	-	56.7	2.60	PHC 80-1SLR...
100-1SLR	31.75	19.05	18.90	9.53	40.4	44.7	30.0	4.00	4.00	-	86.7	3.94	PHC 100-1SLR...
120-1SLR	38.10	22.23	25.22	11.1	50.3	54.3	35.7	4.8	4.8	-	127.0	5.62	PHC 120-1SLR...
35-2SLR ¹⁾	9.525	5.08	4.77	3.58	22.5	23.3	9.0	1.3	1.3	10.13	15.8	0.63	PHC 35-2SLR...
40-2SLR	12.70	7.95	7.85	3.96	31.0	32.2	12.0	1.50	1.50	14.38	28.2	1.12	PHC 40-2SLR...
50-2SLR	15.88	10.16	9.40	5.08	38.9	40.4	15.1	2.03	2.03	18.11	44.4	2.0	PHC 50-2SLR...
60-2SLR	19.05	11.91	12.57	5.94	48.8	50.5	18.0	2.42	2.42	22.78	63.6	2.92	PHC 60-2SLR...
80-2SLR	25.40	15.88	15.75	7.92	62.7	64.3	24.0	3.25	3.25	29.29	113.4	5.15	PHC 80-2SLR...
100-2SLR	31.75	19.05	18.90	9.53	76.4	80.5	30.0	4.00	4.00	35.76	177.0	7.80	PHC 100-2SLR...
120-2SLR	38.10	22.23	25.22	11.1	95.8	99.7	35.7	4.8	4.8	45.44	254.0	11.70	PHC 120-2SLR...
35-3SLR ¹⁾	9.525	5.08	4.77	3.58	32.7	33.5	9.0	1.3	1.3	10.13	23.7	1.05	PHC 35-3SLR...
40-3SLR	12.70	7.95	7.85	3.96	45.4	46.6	12.0	1.50	1.50	14.38	42.3	1.90	PHC 40-3SLR...
50-3SLR	15.88	10.16	9.40	5.08	57.0	58.5	15.1	2.03	2.03	18.11	66.6	3.09	PHC 50-3SLR...
60-3SLR	19.05	11.91	12.57	5.94	71.5	73.3	18.0	2.42	2.42	22.78	95.4	4.54	PHC 60-3SLR...
80-3SLR	25.40	15.88	15.75	7.92	91.7	93.6	24.0	3.25	3.25	29.29	170.1	7.89	PHC 80-3SLR...
100-3SLR	31.75	19.05	18.90	9.53	112.2	116.3	30.0	4.00	4.00	35.76	265.5	11.77	PHC 100-3SLR...
120-3SLR	38.10	22.23	25.22	11.1	141.4	145.2	35.7	4.8	4.8	45.44	381.0	17.53	PHC 120-3SLR...

¹⁾ Denotes bush chain: d1 in the table indicates the external diameter of the bush

Standard lengths are 10 ft. and 5 m. To complete designation, add chain length. For example, a 10 ft. box of 10B-1SLR is PHC 10B-1SLRX10FT. One connecting link is contained per chain. For additional links, add "C/L" for "connecting" and "O/L" for "offset" to the designation.

Straight side plate chains

A series



Series	DIN/ISO Chain number	ANSI Chain number	Dimensions			Pin diameter	Pin length		Inner plate height	Plate thickness	Transverse pitch P_t	Ultimate tensile strength	Average tensile strength	Mass per meter	Designation
			Pitch	Roller diameter	Width between inner plates		L	L_c				Q Min.	Q_0	q	
			P	d_1 Max.	b_1 Min.	d_2 Max.	L Max.	L_c Max.	h_2 Max.	T Max.					
–	–	–	mm									kN		kg/m	–
A	C06A-1	C35 ¹⁾	9.525	5.08	4.77	3.58	13.3	14.3	9	1.3		7.9	10.8	0.41	PHC C35-1...
	C08A-1	C40	12.7	7.95	7.85	3.96	16.6	18.8	12	1.5		14.1	17.5	0.73	PHC C40-1...
	C10A-1	C50	15.875	10.16	9.4	5.08	20.7	23.3	15.09	2.03		22.2	29.4	1.23	PHC C50-1...
	C12A-1	C60	19.05	11.91	12.57	5.94		28.3	18.0 / 18.2	2.42		31.8	41.5	1.81 / 1.83	PHC C60-1...
	C16A-1	C80	25.4	15.88	15.75	7.92	32.7	36.5	24	3.25		56.7	60.4	3.09	PHC C80-1...
	C20A-1	C100	31.75	19.05	18.9	9.53	40.4	44.7	30	4		88.5	109.2	4.56	PHC C100-1...
	C24A-1	C120	38.1	22.23	25.22	11.1	50.3	54.3	35.7	4.8		127	166.3	6.86	PHC C120-1...
	C28A-1	C140	44.45	25.4	25.22	12.7	54.4	59	41	5.6		172.4	212	8.49	PHC C140-1...
	C32A-1	C160	50.8	28.58	31.55	14.27	64.8	69.6	47.8	6.4		226.8	278.9	11.5	PHC C160-1...
	C08A-2	C40-2	12.7	7.95	7.85	3.96	31	33.2	12	1.5	14.38	28.2	35.9	1.43	PHC C40-2...
	C10A-2	C50-2	15.875	10.16	9.4	5.08	38.9	41.4	15.09	2.03	18.11	44.4	58.1	2.42	PHC C50-2...
	C12A-2	C60-2	19.05	11.91	12.57	5.94	48.8	51.1	18.0 / 18.2	2.42	22.78	63.6	82.1	3.58 / 3.62	PHC C60-2...
	C16A-2	C80-2	25.4	15.88	15.75	7.92	62.7	65.8	24	3.25	29.29	113.4	141.8	6.12	PHC C80-2...
	C20A-2	C100-2	31.75	19.05	18.9	9.53	76.4	80.5	30	4	35.76	177	219.4	9.08	PHC C100-2...
	C34A-2	C120-2	38.1	22.23	25.22	11.1	95.8	99.7	35.7	4.8	45.44	254	314.9	13.6	PHC C120-2...
	C28A-2	C140-2	44.45	25.4	25.22	12.7	103.3	107.9	41	5.6	48.87	344.8	427.5	16.86	PHC C140-2...
	C32A-2	C160-2	50.8	28.58	31.55	14.27	123.3	128.1	47.8	6.4	58.55	453.6	562.4	22.9	PHC C160-2...
	C08A-3	C40-3	12.7	7.95	7.85	3.96	45.4	47.6	12	1.5	14.38	42.3	50	2.14	PHC C40-3...
	C10A-3	C50-3	15.875	10.16	9.4	5.08	57	59.5	15.09	2.03	18.11	66.6	77.8	3.62	PHC C50-3...
	C12A-3	C60-3	19.05	11.91	12.57	5.94	71.5	73.9	18.0 / 18.2	2.42	22.78	95.4	111.1	5.36 / 5.41	PHC C60-3...
	C16A-3	C80-3	25.4	15.88	15.75	7.92	91.7	95.1	24	3.25	29.29	170.1	198.4	9.1	PHC C80-3...
	C20A-3	C100-3	31.75	19.05	18.9	9.53	112.2	116.3	30	4	35.76	265.5	309.6	13.6	PHC C100-3...
	C24A-3	C120-3	38.1	22.23	25.22	11.1	141.4	145.2	35.7	4.8	45.44	381	437.2	20.43	PHC C120-3...
	C28A-3	C140-3	44.45	25.4	25.22	12.7	152.2	156.8	41	5.6	48.87	517.2	593.3	25.23	PHC C140-3...
	C32A-3	C160-3	50.8	28.58	31.55	14.27	181.8	186.6	47.8	6.4	58.55	680.4	780.6	34.19	PHC C160-3...

¹⁾ Bushing chain: d_1 in the table indicates the external diameter of the bushing.

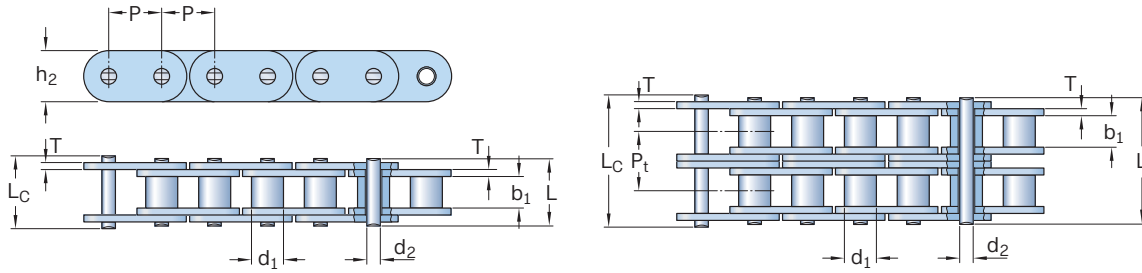
Plate Height dimensions in bold type are standard, chains with the alternative dimensions are available on request. For example 12A-1 chain has an inner plate height of 18.0 mm, chain C16B-1 has an inner plate height of 21.0 mm and plate thickness of 4.15mm as standard.

Standard lengths are 10 ft. and 5 m. To complete designation, add chain length. For example, a 10 ft. box of C08A-1 is PHC C08A-1X10FT.

One connecting link is contained per chain. For additional links, add "C/L" for "connecting" and "O/L" for "offset" to the designation.

Straight side plate chains

B series

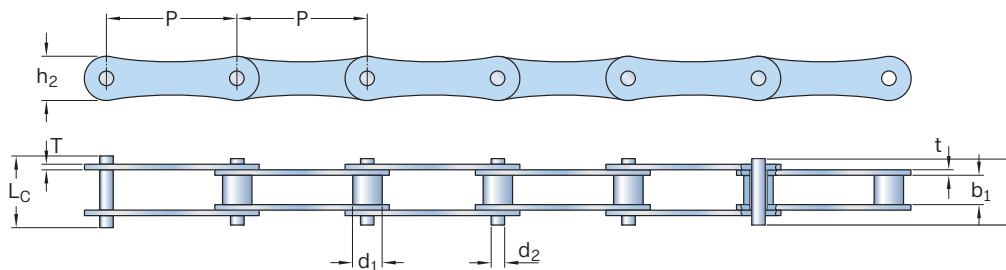


Series	DIN/ISO Chain number	Dimensions	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Inner plate height	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Mass per meter	Designation
		P	d ₁ Max.	b ₁ Min.	d ₂ Max.	L Max.	L _c Max.	h ₂ Max.	T Max.	P _t	Q Min.	Q ₀	q	
–	–	mm									kN		kg/m	–
B	C08B-1	12.7	8.51	7.75	4.45	16.7	18.2	11.8	1.6		18	19.5	0.8	PHC C08B-1...
	C10B-1	15.875	10.16	9.65	5.08	19.5	20.9	14.7	1.7		22.4	27.9	1.06	PHC C10B-1...
	C12B-1	19.06	12.07	11.68	5.72	22.5	25.2	16	1.85		29	32.2	1.32	PHC C12B-1...
	C16B-1	25.4	15.88	17.02	8.28	36.1	37.4	21.0	4.15		60	72.8	3.08	PHC C16B-1...
	C16B-1-PH24	25.4	15.88	17.02	8.28	36.1	37.4	24.0	3.1		60	72.8	3.49	PHC C16B-1-PH24X...
	C20B-1	31.75	19.05	19.56	10.19	41.3	45	26.4	4.5 / 3.5		95	106.7	4.16	PHC C20B-1...
	C24B-1	38.1	25.4	25.4	14.63	53.4	57.8	33.2	6.0 / 4.8		160	178	7.47	PHC C24B-1...
	C28B-1	44.45	27.94	30.99	15.9	66.1	69.5	36.7	7.5 / 6.0		200	222	9.9	PHC C28B-1...
	C32B-1	50.8	29.21	30.99	17.81	66	71	42	7.0 / 6.0		250	277.5	10.45	PHC C32B-1...
	C08B-2	12.7	8.51	7.75	4.45	31.2	32.2	11.8	1.6	13.92	32	38.7	1.45	PHC C08B-2...
	C10B-2	15.875	10.16	9.65	5.08	36.1	37.5	14.7	1.7	16.59	44.5	57.8	2	PHC C10B-2...
	C12B-2	19.05	12.07	11.68	5.72	42	44.7	16	1.85	19.46	57.8	66.1	2.62	PHC C12B-2...
	C16B-2	25.4	15.88	17.02	8.28	68	69.3	21.0	4.15	31.88	106	133	6.10	PHC C16B-2...
	C16B-2-PH24	25.4	15.88	17.02	8.28	68	69.3	24.0	3.1	31.88	106	133	6.92	PHC C16B-2-PH24X...
	C20B-2	31.75	19.05	19.56	10.19	77.8	81.5	26.4	4.5 / 3.5	36.45	170	211.2	8.23	PHC C20B-2...
	C24B-2	38.1	25.4	25.4	14.63	101.7	106.2	33.2	6.0 / 4.8	48.36	280	319.2	14.77	PHC C24B-2...
	C28B-2	44.45	27.94	30.99	15.9	124.6	129.1	36.7	7.5 / 6.0	59.56	360	406.8	19.82	PHC C28B-2...
	C32B-2	50.8	29.21	30.99	17.81	124.6	129.6	42	7.0 / 6.0	58.65	450	508.5	20.94	PHC C32B-2...
	C08B-3	12.7	8.51	7.75	4.45	45.1	46.1	11.8	1.6	13.92	47.5	57.8	2.1	PHC C08B-3...
	C10B-3	15.875	10.16	9.65	5.08	52.7	54.1	14.7	1.7	16.59	66.7	84.5	2.87	PHC C10B-3...
	C12B-3	19.05	12.07	11.66	5.72	61.5	64.2	16	1.85	19.46	86.7	101.8	3.89	PHC C12B-3...
	C16B-3	25.4	15.88	17.02	8.28	99.8	101.2	21.0	4.15	31.88	160	203.7	9.12	PHC C16B-3...
	C16B-3-PH24	25.4	15.88	17.02	8.28	99.8	101.2	24.0	3.1	31.88	160	203.7	10.34	PHC C16B-3-PH24X...
	C20B-3	31.75	19.05	19.56	10.19	114.2	117.9	26.4	4.5 / 3.6	36.45	250	290	11.34	PHC C20B-3...
	C24B-3	38.1	25.4	25.4	14.63	150.1	154.6	33.2	6.0 / 4.8	48.36	425	493	22.1	PHC C24B-3...
	C28B-3	44.45	27.94	30.99	15.9	184.2	188.7	36.7	7.5 / 6.0	59.56	530	609.5	29.64	PHC C28B-3...
	C32B-3	50.8	29.21	30.99	17.81	183.2	188.2	42	7.0 / 6.0	58.55	670	770.5	31.27	PHC C32B-3...

Plate Height dimensions in bold type are standard, chains with the alternative dimensions are available on request. For example 12A-1 chain has an inner plate height of 18.0 mm, chain C16B-1 has an inner plate height of 21.0 mm and plate thickness of 4.15 mm as standard. Standard lengths are 10 ft. and 5 m. To complete designation, add chain length. For example, a 10 ft. box of C08A-1 is PHC C08A-1X10FT. One connecting link is contained per chain. For additional links, add "C/L" for "connecting" and "O/L" for "offset" to the designation.

Double pitch chains

Transmission chains

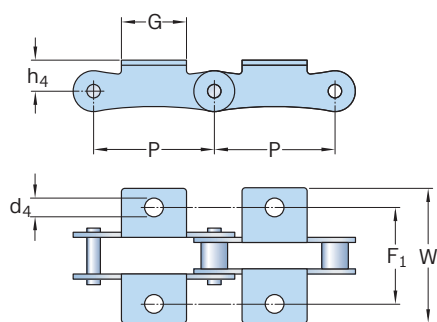


ANSI Chain number	BS/ISO Chain number	Dimensions			Pin diameter d_2 Max.	Pin length		Inner plate height h_2 Max.	Plate thickness		Ultimate tensile strength Q Min.	Average tensile strength Q_0	Mass per meter	Designation
		Pitch P	Roller diameter d_1 Max.	Width between inner plates b_1 Min.		L Max.	L_c Max.		t Max.	T Max.				
–	–	mm									kN		kg/m	–
2040	208A	25.40	7.95	7.85	3.96	16.6	17.8	12.0	1.50	1.50	14.1	16.7	0.42	PHC 2040...
2050	210A	31.75	10.16	9.40	5.08	20.7	22.2	15.0	2.03	2.03	22.2	28.1	0.73	PHC 2050...
2060	212A	38.10	11.91	12.57	5.94	25.9	27.7	18.0	2.42	2.42	31.8	36.8	1.02	PHC 2060...
2080	216A	50.80	15.88	15.75	7.92	32.7	36.5	24.0	3.25	3.25	56.7	65.7	1.70	PHC 2080...
2100	220A	63.50	19.05	18.90	9.53	40.4	44.7	30.0	4.00	4.00	88.5	102.6	2.55	PHC 2100...
2120	224A	76.20	22.23	25.22	11.10	50.3	54.3	35.7	4.80	4.80	127.0	147.3	4.06	PHC 2120...
–	208B	25.40	8.51	7.75	4.45	16.7	18.2	11.8	1.60	1.60	18.0	19.4	0.45	PHC 208B...
–	210B	31.75	10.16	9.65	5.08	19.5	20.9	14.7	1.70	1.70	22.4	27.5	0.65	PHC 210B...
–	212B	38.10	12.07	11.68	5.72	22.5	25.2	16.0	1.85	1.85	29.0	32.2	0.76	PHC 212B...
–	216B	50.80	15.88	17.02	8.28	36.1	39.1	21.0	4.15	3.10	60.0	72.8	1.75	PHC 216B...
–	220B	63.50	19.05	19.56	10.19	41.3	45.0	26.4	4.50	3.50	95.0	106.7	2.62	PHC 220B...
–	224B	76.20	25.40	25.40	14.63	53.4	57.8	33.2	6.00	4.80	160.0	178.0	4.70	PHC 224B...
–	228B	88.90	27.94	30.99	15.90	65.1	69.5	36.7	7.50	6.00	200.0	222.0	6.23	PHC 228B...
–	232B	101.60	29.21	30.99	17.81	66.0	71.0	42.0	7.00	6.00	250.0	277.5	6.72	PHC 232B...

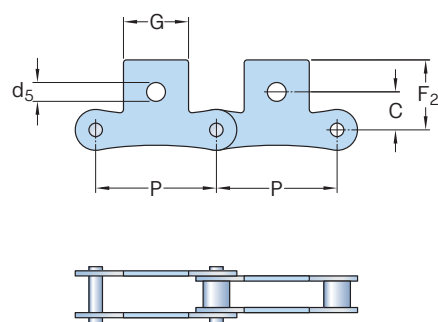
Standard lengths are 10 ft. and 5 m. To complete designation, add chain length. For example, a 5 m box of 2060 is PHC 2060X5MTR. One connecting link is contained per chain. For additional links, add "C/L" for "connecting" and "O/L" for "offset" to the designation.

Double pitch chains

Transmission attachments



K-1



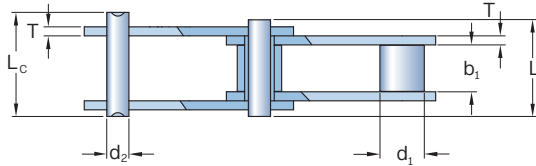
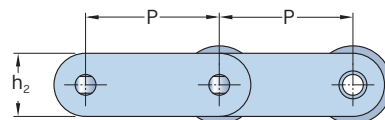
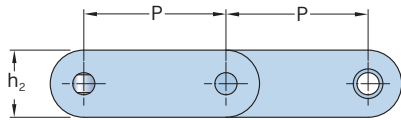
SK-1

ANSI Chain number	BS/ISO Chain number	Dimensions									Designation
		P	G	F1	W	h ₄	d ₄	C	F ₂	d ₅	
–	–	mm									–
2040	208A	25.40	19.1	25.4	39.6	9.1	3.4	11.1	20.5	5.5	PHC 2040...
2050	210A	31.75	23.8	31.8	49.0	11.1	5.5	14.3	25.0	6.6	PHC 2050...
2060	212A	38.10	28.6	42.9	67.8	14.7	5.5	17.5	32.9	9.2	PHC 2060...
2080	216A	50.80	38.1	55.6	87.8	19.1	6.8	22.2	43.5	11.0	PHC 2080...
2100	220A	63.50	47.6	66.6	107.5	23.4	9.2	28.6	50.4	13.0	PHC 2100...
2120	224A	76.20	57.2	79.3	121.4	27.8	10.5	33.3	55.5	15.0	PHC 2120...
–	208B	25.40	23.2	25.4	39.6	9.1	4.5	11.1	20.5	5.5	PHC 208B...
–	210B	31.75	23.8	31.8	49.0	11.1	5.5	–	–	–	PHC 210B...
–	212B	38.10	35.0	38.1	57.0	14.7	6.6	–	–	–	PHC 212B...
–	216B	50.80	44.0	50.8	84.0	19.1	6.6	–	–	–	PHC 216B...
–	220B	63.50	52.0	63.5	104.0	23.4	8.4	–	–	–	PHC 220B...
–	224B	76.20	60.0	76.2	120.0	27.8	10.5	–	–	–	PHC 224B...

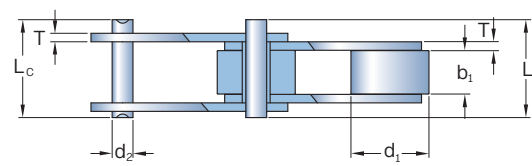
To complete designation, add attachment spacing and type followed by chain length. For example, PHC 2060-L1K1X10FT (2060 chain with K-1 attachment on every link, 10 ft. length).
Note: Also available in stainless steel. When ordering, add SS after the chain number. For example, PHC 2060SS-L1K1X10FT.

Conveyor chains

C series



Small roller type



Large roller type

ANSI Chain number	BS/ISO Chain number	Dimensions Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Mass per meter	Designation
		P	d ₁ Max.	b ₁ Min.	d ₂ Max.	L Max.	L _c Max.	h ₂ Max.	T Max.	Q Min.	Q ₀		
–	–	mm								kN		kg/m	–
C2040	C208A	25.40	7.95	7.85	3.96	16.6	17.8	12.0	1.50	14.1	16.7	0.50	PHC C2040...
C2042	C208AL	25.40	15.88	7.85	3.96	16.6	17.8	12.0	1.50	14.1	16.7	0.84	PHC C2042...
C2040H	C208AH	25.40	7.95	7.85	3.96	18.8	19.9	12.0	2.03	14.1	17.2	0.65	PHC C2040H...
C2050	C210A	31.75	10.16	9.40	5.08	20.7	22.2	15.0	2.03	22.2	28.1	0.78	PHC C2050...
C2052	C210AL	31.75	19.05	9.40	5.08	20.7	22.2	15.0	2.03	22.2	28.1	1.27	PHC C2052...
C2060	C212A	38.10	11.91	12.57	5.94	25.9	27.7	18.0	2.42	31.8	36.8	1.12	PHC C2060...
C2062	C212AL	38.10	22.23	12.57	5.94	25.9	27.7	18.0	2.42	31.8	36.8	1.61	PHC C2062...
C2060H	C212AH	38.10	11.91	12.57	5.94	29.2	31.6	18.0	3.25	31.8	41.6	1.44	PHC C2060H...
C2062H	C212AHL	38.10	22.23	12.57	5.94	29.2	31.6	18.0	3.25	31.8	41.6	2.07	PHC C2062H...
C2080	C216A	50.80	15.88	15.75	7.92	32.7	36.5	24.0	3.25	56.7	65.7	2.08	PHC C2080...
C2082	C216AL	50.80	28.58	15.75	7.92	32.7	36.5	24.0	3.25	56.7	65.7	3.12	PHC C2082...
C2080H	C216AH	50.80	15.88	15.75	7.92	36.2	39.4	24.0	4.00	56.7	70.0	2.54	PHC C2080H...
C2082H	C216AHL	50.80	28.58	15.75	7.92	36.2	39.4	24.0	4.00	56.7	70.0	3.58	PHC C2082H...
C2100	C220A	63.50	19.05	18.90	9.53	40.4	44.7	30.0	4.00	88.5	102.6	3.01	PHC C2100...
C2102	C220AL	63.50	39.67	18.90	9.53	40.4	44.7	30.0	4.00	88.5	102.6	4.83	PHC C2102...
C2100H	C220AH	63.50	19.05	18.90	9.53	43.6	46.9	30.0	4.80	88.5	112.4	3.56	PHC C2100H...
C2102H	C220AHL	63.50	39.67	18.90	9.53	43.6	46.9	30.0	4.80	88.5	112.4	5.38	PHC C2102H...
C2120	C224A	76.20	22.23	25.22	11.10	50.3	54.3	35.7	4.80	127.0	147.3	4.66	PHC C2120...
C2122	C224AL	76.20	44.45	25.22	11.10	50.3	54.3	35.7	4.80	127.0	147.3	7.66	PHC C2122...
C2120H	C224AH	76.20	22.23	25.22	11.10	53.5	57.5	35.7	5.60	127.0	160.9	5.26	PHC C2120H...
C2122H	C224AHL	76.20	44.45	25.22	11.10	53.5	57.5	35.7	5.60	127.0	160.9	8.26	PHC C2122H...
C2160	C232A	101.60	28.58	31.75	14.27	64.8	69.6	47.8	6.40	226.8	278.9	8.15	PHC C2160...
C2162	C232AL	101.60	57.15	31.75	14.27	64.8	69.6	47.8	6.40	226.8	278.9	13.00	PHC C2162...
C2160H	C232AH	101.60	28.58	31.75	14.27	68.2	73.0	47.8	7.20	226.8	285.8	9.06	PHC C2160H...
C2162H	C232AHL	101.60	57.15	31.75	14.27	68.2	73.0	47.8	7.20	226.8	285.8	12.77	PHC C2162H...

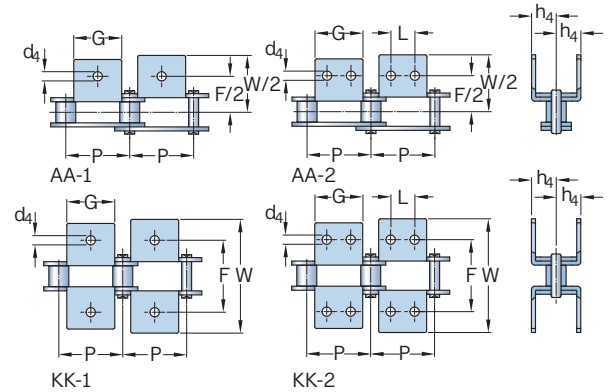
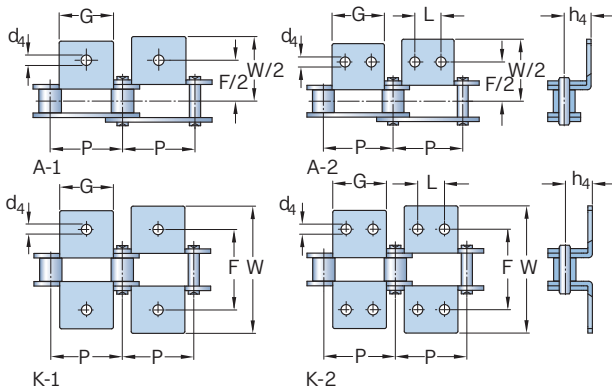
Standard lengths are 10 ft. and 5 m. To complete designation, add chain length. For example, a 5 m box of 2060-1 is PHC C2060X5MTR.

For ordering a special roller type add letter after pitch size (s for small rollers and p for large rollers). For example, to order C2040 with 25.40 mm pitch with small rollers in 10 ft. length, use designation PHC C2040-25.4SX10FT.

One connecting link is contained per chain. For additional links, add "C/L" for "connecting" and "O/L" for "offset" to the designation.

Conveyor chain C series attachments

A-1 | A-2 | K-1 | K-2 | AA-1 | AA-2 | KK-1 | KK-2



ANSI Chain number	Chain number	Dimensions							Designation
		P	G	L	F	W	h ₄	d ₄	
–	–	mm							–
C2040 ¹⁾	C208A	25.4	19.1	9.5	25.4	39.6	9.1	3.4	PHC C2040...
C2042 ¹⁾	C208AL	25.4	19.1	9.5	25.4	39.6	9.1	3.4	PHC C2042...
C2050 ¹⁾	C210A	31.8	23.8	11.9	31.8	49.0	11.1	5.5	PHC C2050...
C2052 ¹⁾	C210AL	31.8	23.8	11.9	31.8	49.0	11.1	5.5	PHC C2052...
C2060 ¹⁾	C212A	38.1	28.6	14.3	42.9	67.8	14.7	5.5	PHC C2060...
C2062 ¹⁾	C212AL	38.1	28.6	14.3	42.9	67.8	14.7	5.5	PHC C2062...
C2060H ¹⁾	C212AH	38.1	28.6	14.3	42.9	67.8	14.7	5.5	PHC C2060H...
C2062H ¹⁾	C212AHL	38.1	28.6	14.3	42.9	67.8	14.7	5.5	PHC C2062H...
C2080 ¹⁾	C216A	50.8	38.1	19.1	55.6	87.8	19.1	6.8	PHC C2080...
C2082 ¹⁾	C216AL	50.8	38.1	19.1	55.6	87.8	19.1	6.8	PHC C2082...
C2080H ¹⁾	C216AH	50.8	38.1	19.1	55.6	87.8	19.1	6.8	PHC C2080H...
C2082H ¹⁾	C216AHL	50.8	38.1	19.1	55.6	87.8	19.1	6.8	PHC C2082H...
C2100	C220A	63.5	47.6	23.8	66.6	107.5	23.4	9.2	PHC C2100...
C2102	C220AL	63.5	47.6	23.8	66.6	107.5	23.4	9.2	PHC C2102...
C2100H	C220AH	63.5	47.6	23.8	66.6	107.5	23.4	9.2	PHC C2100H...
C2102H	C220AHL	63.5	47.6	23.8	66.6	107.5	23.4	9.2	PHC C2102H...
C2120	C224A	76.2	57.2	28.6	79.3	121.4	27.8	11.0	PHC C2120...
C2122	C224AL	76.2	57.2	28.6	79.3	121.4	27.8	11.0	PHC C2122...
C2120H	C224AH	76.2	57.2	28.6	79.3	121.4	27.8	11.0	PHC C2120H...
C2122H	C224AHL	76.2	57.2	28.6	79.3	121.4	27.8	11.0	PHC C2122H...
C2160	C232A	101.6	76.2	38.1	104.7	151.6	36.5	13.1	PHC C2160...
C2162	C232AL	101.6	76.2	38.1	104.7	151.6	36.5	13.1	PHC C2162...
C2160H	C232AH	101.6	76.2	38.1	104.7	151.6	36.5	13.1	PHC C2160H...
C2162H	C232AHL	101.6	76.2	38.1	104.7	151.6	36.5	13.1	PHC C2162H...

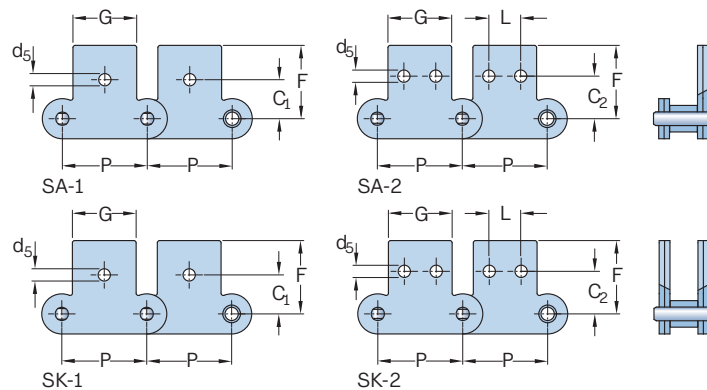
¹⁾ For these chains AA-1, AA-2, KK-1 and KK-2 attachments are available.

To complete designation, add attachment spacing and type followed by chain length. For example, PHC C2060-L2A1X10FT (C2060 with A-1 attachment on every second link, 10 ft. length).

Note: Also available in stainless steel. When ordering, add SS after the chain number. For example, PHC C2060SS-L2A1X10FT.

Conveyor chain C series attachments

SA-1 | SA-2 | SK-1 | SK-2

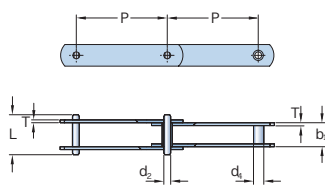


ANSI Chain number	BS/ISO Chain number	Dimensions								Designation
		P	G	L	C ₁	C ₂	F	d ₄	d ₅	
–	–	mm								–
C2040	C208A	25.4	19.1	9.5	11.1	13.5	20.5	3.4	5.5	PHC C2040...
C2042	C208AL	25.4	19.1	9.5	11.1	13.5	20.5	3.4	5.5	PHC C2042...
C2050	C210A	31.8	23.8	11.9	14.3	15.9	25.0	5.5	6.6	PHC C2050...
C2052	C210AL	31.8	23.8	11.9	14.3	15.9	25.0	5.5	6.6	PHC C2052...
C2060	C212A	38.1	28.6	14.3	17.5	19.1	32.9	5.5	9.2	PHC C2060...
C2062	C212AL	38.1	28.6	14.3	17.5	19.1	32.9	5.5	9.2	PHC C2062...
C2060H	C212AH	38.1	28.6	14.3	17.5	19.1	32.9	5.5	9.2	PHC C2060H...
C2062H	C212AHL	38.1	28.6	14.3	17.5	19.1	32.9	5.5	9.2	PHC C2062H...
C2080	C216A	50.8	38.1	19.1	22.2	25.4	43.5	6.6	11.0	PHC C2080...
C2082	C216AL	50.8	38.1	19.1	22.2	25.4	43.5	6.6	11.0	PHC C2082...
C2080H	C216AH	50.8	38.1	19.1	22.2	25.4	43.5	6.6	11.0	PHC C2080H...
C2082H	C216AHL	50.8	38.1	19.1	22.2	25.4	43.5	6.6	11.0	PHC C2082H...
C2100	C220A	63.5	47.6	23.8	28.6	31.8	50.4	8.4	13.0	PHC C2100...
C2102	C220AL	63.5	47.6	23.8	28.6	31.8	50.4	8.4	13.0	PHC C2102...
C2100H	C220AH	63.5	47.6	23.8	28.6	31.8	50.4	8.4	13.0	PHC C2100H...
C2102H	C220AHL	63.5	47.6	23.8	28.6	31.8	50.4	8.4	13.0	PHC C2102H...

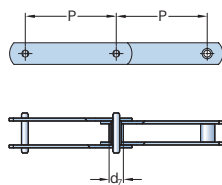
To complete designation, add attachment spacing and type followed by chain length. For example, PHC C2060-1-L5SK2X10FT (C2060-1 with SK-2 attachment on every fifth link, 10 ft. length).
Note: Also available in stainless steel. When ordering, add SS after the chain number. For example, PHC C2060-1SS-L5SK2X10FT.

Conveyor chains

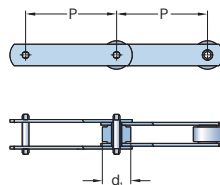
M series



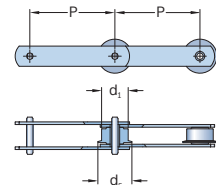
without roller



with S small roller



with P large roller



with F flanged roller

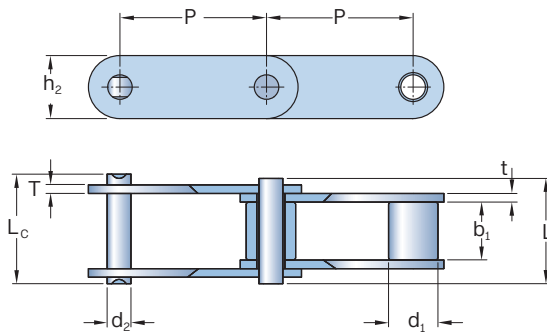
BS/ISO Chain number	Dimensions			Bush diameter	Width between inner plates	Pin diameter	Pin length	Plate height	Plate thickness	Ultimate tensile strength	Average tensile strength	Designation
	Roller diameter											
	d ₁ Max.	d ₇ Max.	d ₅ Max.							d ₄ Max.	b ₁ Max.	d ₂ Max.
—	mm									kN	—	
M20A	25	12.5	32	9.0	16	6.0	35	19	2.5	20	25.0	PHC M20A...
M28A	30	15.0	36	10.0	18	7.0	40	21	3.0	28	35.0	PHC M28A...
M40A	36	18.0	42	12.5	20	8.5	45	26	3.5	40	50.0	PHC M40A...
M56A	42	21.0	50	15.0	24	10.0	52	31	4.0	56	70.0	PHC M56A...
M80A	50	25.0	60	18.0	28	12.0	62	36	5.0	80	100.0	PHC M80A...
M112A	60	30.0	70	21.0	32	15.0	73	41	6.0	112	140.0	PHC M112A...
M160A	70	36.0	85	25.0	37	18.0	85	51	7.0	160	200.0	PHC M160A...
M224A	85	42.0	100	30.0	43	21.0	98	62	8.0	224	280.0	PHC M224A...
M315A	100	50.0	120	36.0	48	25.0	112	72	10.0	315	393.7	PHC M315A...
M450A	120	60.0	140	42.0	56	30.0	135	82	12.0	450	562.5	PHC M450A...

BS/ISO Chain number	Pitch sizes available											
	P											
	mm											
M20	40 ¹⁾	50	63	80	100	125	160	–	–	–	–	–
M28	–	50 ¹⁾	63	80	100	125	160	200	–	–	–	–
M40	–	–	63	80	100	125	160	200	250	–	–	–
M56	–	–	63 ¹⁾	80	100	125	160	200	250	–	–	–
M80	–	–	–	80	100	125	160	200	250	315	–	–
M112	–	–	–	80 ¹⁾	100	125	160	200	250	315	400	–
M160	–	–	–	–	100 ¹⁾	125	160	200	250	315	400	500
M224	–	–	–	–	–	125 ¹⁾	160	200	250	315	400	500
M315	–	–	–	–	–	–	160 ¹⁾	200	250	315	400	500
M450	–	–	–	–	–	–	–	200	250	315	400	500
	120	60.0	140	42.0	56	30.0	135	82	12.0	450	562.5	

¹⁾ Only available with small roller or without roller.

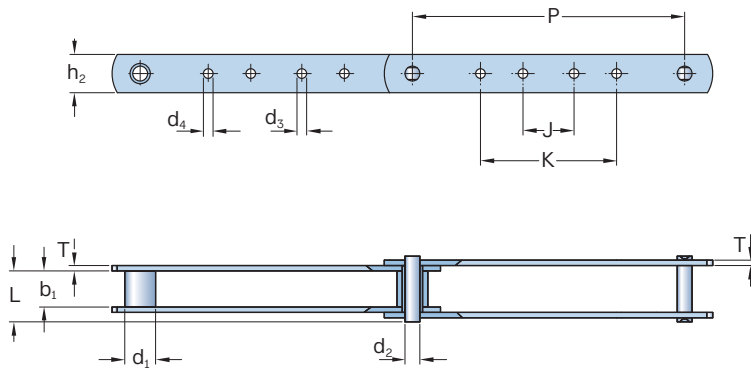
Standard lengths are 10 ft. and 5 m. To complete designation, add pitch size and chain length. For example, to order M20A with 40 mm pitch without roller in 10 ft. length, use designation PHC M20A-40X10FT.
For ordering a special roller type, add letter after pitch size (s for small roller, p for large roller and f for flanged roller). For example, to order M20A with 40 mm pitch with small roller in 10 ft length, use designation PHC M20A-40SX10FT.
One connecting link is contained per chain. For additional links, add "C/L" for "connecting" and "O/L" for "offset" to the designation.
For the complete range of SKF Conveyor Chains available, please refer to the SKF Conveyor Chain Catalogue (PUB PT/P2 10818 EN).

Lumber mill series | 3939 series



Chain number	Dimensions									Ultimate tensile strength	Average tensile strength	Mass per meter	Designation
	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness					
	P	d ₁ Max.	b ₁ Min.	d ₂ Max.	L Max.	L _c	h ₂ Max.	t Max.	T Max.				
–	mm									kN		kg/m	–
81X	66.27	23.0	27.00	11.10	49.0	53.5	28.50	4.00	4.00	106.7	128.9	3.78	PHC 81X...
81XH	66.27	23.0	27.78	11.10	60.7	65.1	31.35	7.94	5.55	151.9	175.7	5.88	PHC 81XH...
81XHH	66.27	23.0	27.78	11.10	65.6	70.0	31.35	7.94	7.94	191.1	212.6	6.70	PHC 81XHH...
81XHS	66.27	23.0	27.00	11.10	63.6	68.0	31.80	7.60	7.60	152.0	177.2	6.55	PHC 81XHS...
500R	50.00	25.4	25.40	14.63	52.0	56.4	40.00	5.00	5.00	100.0	114.5	7.13	PHC 500R...
441.100R	100.00	25.4	25.40	14.63	52.0	56.4	40.00	5.00	5.00	100.0	114.5	5.15	PHC 441.100R...

Standard lengths are 10 ft. and 5 m. To complete designation, add chain length. For example, a 5 m box of 81X is PHC 81XX5MTR. One connecting link is contained per chain. For additional links, add "C/L" for "connecting" and "O/L" for "offset" to the designation.

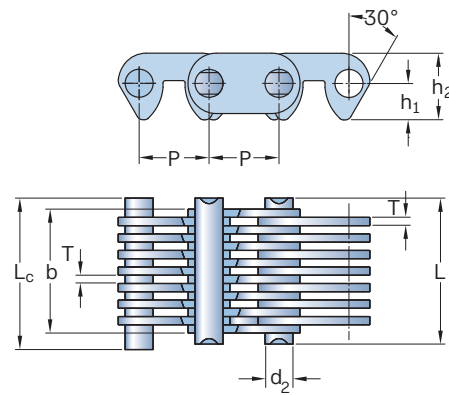
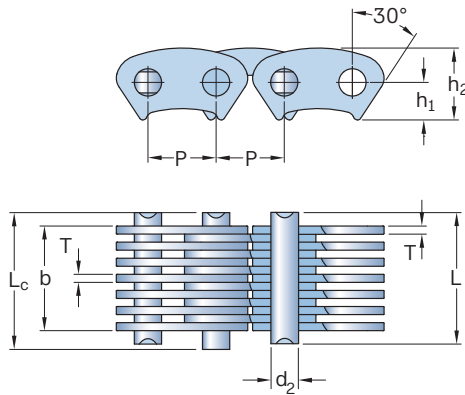


Chain number	Dimensions										Plate thickness	Ultimate tensile strength	Average tensile strength	Mass per meter	Designation
	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Inner plate height									
	P	d ₁ Max.	b ₁ Min.	d ₂ Max.	L Max.	h ₂ Max.	d ₃ Max.	d ₄ Max.	J Max.	K Max.					
–	mm											kN		kg/m	–
3939-B4	203.2	23	27	11.1	49	28.58	7.2	7.2	38.1	101.6	4	115.58	136.5	2.45	PHC 3939-B4...
3939-B21	203.2	23	27	11.1	49	28.58	7.2	–	38.1	–	4	115.58	136.5	2.45	PHC 3939-B21...
3939-B23	203.2	23	27	11.1	49	28.58	–	10.3	–	92.1	4	115.58	136.5	2.45	PHC 3939-B23...
3939-B24		23	27	11.1	49	28.58	–	7.2	–	101.6	4	115.58	136.5	2.48	PHC 3939-B24...
3939-B40		23	27	11.1	49	28.58	–	10.3	–	101.6	4	115.58	136.5	2.45	PHC 3939-B40...
3939-B43	23	27		11.1	49	28.58	7.2	10.3	38.1	92.1	4	115.58	136.5	2.42	PHC 3939-B43...
3939-B44	23	27		11.1	49	28.58	7.2	10.3	38.1	101.6	4	115.58	136.5	2.45	PHC 3939-B44...

Standard lengths are 10 ft. and 5 m. To complete designation, add chain length. For example, a 5 m box of 3939-B4 is PHC 3939-B4X5MTR. One connecting link is contained per chain. For additional links, add "C/L" for "connecting" and "O/L" for "offset" to the designation.

Silent chains

Flank contact | Crotch contact

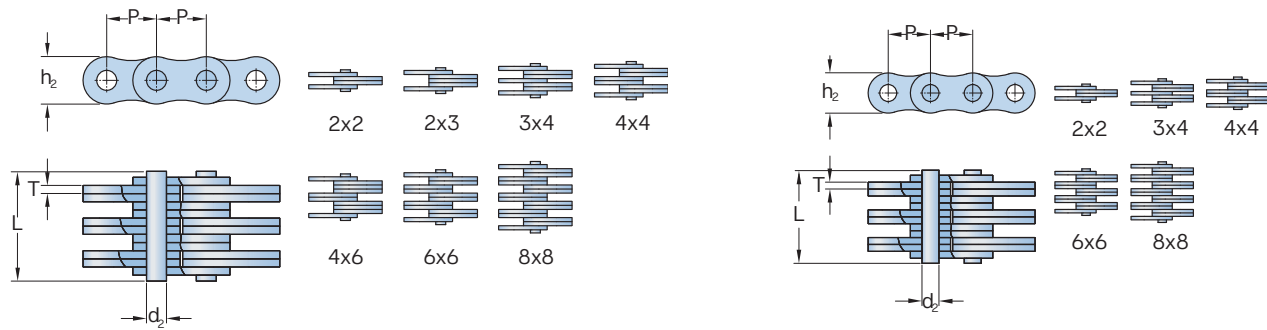


Contact type	Chain number	Dimensions		Pin diameter	Pin length		Distance from hole center to tooth	Plate height	Plate thickness	Guide form	Number of plates	Ultimate tensile strength	Average tensile strength	Mass per meter	Designation
		Pitch	Chain width		L	Lc						Q	Q0		
		P	b	d2	L	Lc	h1	h2	T			Min.	Q0		
		mm	mm	mm	mm	mm	mm	mm	mm			kN		kg/m	
Flank	CL06-13.5	9.53	13.5	3.95	18.5	20.0	5.30	10.0	1.5	Outside	9	10.0	11.2	0.60	PHC CL06-13.5...
	CL06-16.5	9.53	16.5	3.95	21.5	23.0	5.30	10.0	1.5	Outside	11	12.5	14.0	0.73	PHC CL06-16.5...
	CL06-19.5	9.53	19.5	3.95	24.5	26.0	5.30	10.0	1.5	Outside	13	15.0	16.8	0.85	PHC CL06-19.5...
	CL06-22.5	9.53	22.5	3.95	27.5	29.0	5.30	10.0	1.5	Outside	15	17.5	19.6	1.00	PHC CL06-22.5...
	CL06-28.5	9.53	28.5	3.95	33.5	35.0	5.30	10.0	1.5	Inside	19	22.5	25.2	1.26	PHC CL06-28.5...
	CL08-19.5	12.70	19.5	5.08	24.5	26.0	7.00	13.4	1.5	Outside	13	23.4	26.2	1.15	PHC CL08-19.5...
	CL08-22.5	12.70	22.5	5.08	27.5	29.0	7.00	13.4	1.5	Outside	15	27.4	30.6	1.33	PHC CL08-22.5...
	CL08-25.5	12.70	25.5	5.08	30.5	32.0	7.00	13.4	1.5	Outside	17	31.3	35.0	1.50	PHC CL08-25.5...
	CL08-28.5	12.70	28.5	5.08	33.5	35.0	7.00	13.4	1.5	Inside	19	35.2	39.4	1.68	PHC CL08-28.5...
	CL08-34.5	12.70	34.5	5.08	39.5	41.0	7.00	13.4	1.5	Inside	23	43.0	48.1	2.04	PHC CL08-34.5...
	CL08-40.5	12.70	40.5	5.08	45.5	47.0	7.00	13.4	1.5	Inside	27	50.8	56.8	2.39	PHC CL08-40.5...
	CL08-46.5	12.70	46.5	5.08	51.5	53.0	7.00	13.4	1.5	Inside	31	58.6	65.6	2.74	PHC CL08-46.5...
	CL08-52.5	12.70	52.5	5.08	57.5	59.0	7.00	13.4	1.5	Inside	35	66.4	74.3	3.10	PHC CL08-52.5...
	CL10-30.0	15.88	30.0	5.92	37.0	38.2	8.70	16.7	2.0	Inside	15	45.6	50.6	2.21	PHC CL10-30.0...
	CL10-38.0	15.88	38.0	5.92	45.0	46.2	8.70	16.7	2.0	Inside	19	58.6	65.0	2.80	PHC CL10-38.0...
	CL10-46.0	15.88	46.0	5.92	53.0	54.2	8.70	16.7	2.0	Inside	23	71.7	79.5	3.39	PHC CL10-46.0...
	CL10-54.0	15.88	54.0	5.92	61.0	62.4	8.70	16.7	2.0	Inside	27	84.7	94.0	3.99	PHC CL10-54.0...
	CL10-62.0	15.88	62.0	5.92	69.0	70.4	8.70	16.7	2.0	Inside	31	97.7	108.4	4.58	PHC CL10-62.0...
	CL12-38.0	19.05	38.0	6.90	45.0	46.5	10.50	20.0	2.0	Inside	19	70.0	77.6	3.37	PHC CL12-38.0...
	CL12-46.0	19.05	46.0	6.90	53.0	54.5	10.50	20.0	2.0	Inside	23	86.0	95.4	4.08	PHC CL12-46.0...
	CL12-54.0	19.05	54.0	6.90	61.0	62.8	10.50	20.0	2.0	Inside	27	102.0	113.2	4.78	PHC CL12-54.0...
	CL12-62.0	19.05	62.0	6.90	69.0	70.8	10.50	20.0	2.0	Inside	31	117.0	129.8	5.50	PHC CL12-62.0...
	CL12-70.0	19.05	70.0	6.90	77.0	78.8	10.50	20.0	2.0	Inside	35	133.0	147.6	6.20	PHC CL12-70.0...
	CL16-45.0	25.40	45.0	8.90	52.0	53.5	14.00	26.7	3.0	Inside	15	111.0	123.2	5.31	PHC CL16-45.0...
	CL16-51.0	25.40	51.0	8.90	58.0	59.5	14.00	26.7	3.0	Inside	17	125.0	138.7	6.02	PHC CL16-51.0...
	CL16-57.0	25.40	57.0	8.90	64.0	65.5	14.00	26.7	3.0	Inside	19	141.0	156.5	6.37	PHC CL16-57.0...
	CL16-69.0	25.40	69.0	8.90	76.2	77.7	14.00	26.7	3.0	Inside	23	172.0	190.9	8.15	PHC CL16-69.0...
	CL16-81.0	25.40	81.0	8.90	88.2	89.7	14.00	26.7	3.0	Inside	27	203.0	225.3	9.57	PHC CL16-81.0...
	CL16-93.0	25.40	93.0	8.90	100.2	101.7	14.00	26.7	3.0	Inside	31	235.0	260.8	10.98	PHC CL16-93.0...
	CL20-57.0	31.75	57.0	10.84	66.6	69.6	17.50	33.4	3.0	Inside	19	165.0	183.1	8.42	PHC CL20-57.0...
	CL20-69.0	31.75	69.0	10.84	78.6	81.6	17.50	33.4	3.0	Inside	23	201.0	223.1	10.19	PHC CL20-69.0...
	CL20-81.0	31.75	81.0	10.84	90.6	93.6	17.50	33.4	3.0	Inside	27	237.0	263.2	11.96	PHC CL20-81.0...
	CL20-93.0	31.75	93.0	10.84	102.6	105.6	17.50	33.4	3.0	Inside	31	273.0	303.0	13.73	PHC CL20-93.0...
	CL20-105.0	31.75	105.0	10.84	114.6	117.6	17.50	33.4	3.0	Inside	35	310.0	341.0	15.50	PHC CL20-105.0...
	CL20-117.0	31.75	117.0	10.84	126.6	129.6	17.50	33.4	3.0	Inside	39	346.0	380.6	17.27	PHC CL20-117.0...
Crotch	C4-120	12.70	19.5	5.08	24.5	26.0	6.62	12.1	1.5	Inside	13	20.0	22.2	1.20	PHC C4-120...
	C4-123	12.70	22.5	5.08	27.5	29.0	6.62	12.1	1.5	Inside	15	23.0	25.5	1.37	PHC C4-123...
	C4-129	12.70	28.5	5.08	33.5	35.0	6.62	12.1	1.5	Inside	19	28.5	31.6	1.72	PHC C4-129...
	C4-132	12.70	31.5	5.08	35.5	38.0	6.62	12.1	1.5	Inside	21	31.5	34.9	1.89	PHC C4-132...
	C4-138	12.70	37.5	5.08	42.5	44.0	6.62	12.1	1.5	Inside	25	38.0	42.1	2.22	PHC C4-138...
	C4-150	12.70	49.5	5.08	54.5	56.0	6.62	12.1	1.5	Inside	33	50.0	55.5	2.90	PHC C4-150...
	C4-320	12.70	19.5	5.08	24.5	26.0	6.62	12.1	1.5	Outside	13	20.0	22.2	1.21	PHC C4-320...
	C4-323	12.70	22.5	5.08	27.5	29.0	6.62	12.1	1.5	Outside	15	23.0	25.5	1.38	PHC C4-323...
	C4-329	12.70	28.5	5.08	33.5	35.0	6.62	12.1	1.5	Outside	19	28.5	31.6	1.73	PHC C4-329...
	C4-332	12.70	31.5	5.08	36.5	38.0	6.62	12.1	1.5	Outside	21	31.5	34.9	1.90	PHC C4-332...
	C4-338	12.70	37.5	5.08	42.5	44.0	6.62	12.1	1.5	Outside	25	38.0	42.1	2.23	PHC C4-338...

Standard lengths are 10 ft. and 5 m. To complete designation, add chain length. For example, a 5m box of CL06-13.5 is PHC CL06-13.5X5MTR. One connecting link is contained per chain. For additional links, add "C/L" for "connecting" and "O/L" for "offset" to the designation.

Leaf chains

ANSI BL422-BL1646 (LH0822 - LH3222)



ANSI Chain number	BS/ISO Chain number	Dimensions Pitch P	Plate lacing	Pin diameter d ₂ Max.	Pin length L Max.	Plate height h ₂ Max.	Plate thickness T Max.	Ultimate tensile strength Q Min.	Average tensile strength Q ₀	Mass per meter	Designation
–	–	mm						kN		kg/m	–
BL422	LH0822	12.70	2 x 2	5.09	11.05	12.07	2.08	22.2	27.6	0.64	PHC BL422...
BL423	LH0823	12.70	2 x 3	5.09	13.16	12.07	2.08	22.2	27.6	0.80	PHC BL423...
BL434	LH0834	12.70	3 x 4	5.09	17.40	12.07	2.08	33.4	41.4	1.12	PHC BL434...
BL444	LH0844	12.70	4 x 4	5.09	19.51	12.07	2.08	44.5	56.0	1.28	PHC BL444...
BL446	LH0846	12.70	4 x 6	5.09	23.75	12.07	2.08	44.5	56.0	1.60	PHC BL446...
BL466	LH0866	12.70	6 x 6	5.09	27.99	12.07	2.08	66.7	81.7	1.92	PHC BL466...
BL488	LH0888	12.70	8 x 8	5.09	36.45	12.07	2.08	89.0	109.4	2.56	PHC BL488...
BL522	LH1022	15.88	2 x 2	5.96	12.90	15.09	2.44	33.4	43.1	0.88	PHC BL522...
BL523	LH1023	15.88	2 x 3	5.96	15.37	15.09	2.44	33.4	43.1	1.10	PHC BL523...
BL534	LH1034	15.88	3 x 4	5.96	20.32	15.09	2.44	48.9	65.6	1.50	PHC BL534...
BL544	LH1044	15.88	4 x 4	5.96	22.78	15.09	2.44	66.7	84.5	1.80	PHC BL544...
BL546	LH1046	15.88	4 x 6	5.96	27.74	15.09	2.44	66.7	84.5	2.20	PHC BL546...
BL566	LH1066	15.88	6 x 6	5.96	32.69	15.09	2.44	100.1	125.1	2.65	PHC BL566...
BL588	LH1088	15.88	8 x 8	5.96	42.57	15.09	2.44	133.4	169.5	3.50	PHC BL588...
BL622	LH1222	19.05	2 x 2	7.94	17.37	18.11	3.30	48.9	63.6	1.45	PHC BL622...
BL623	LH1223	19.05	2 x 3	7.94	20.73	18.11	3.30	48.9	63.6	1.80	PHC BL623...
BL634	LH1234	19.05	3 x 4	7.94	27.43	18.11	3.30	75.6	102.8	2.50	PHC BL634...
BL644	LH1244	19.05	4 x 4	7.94	30.78	18.11	3.30	97.9	120.9	2.90	PHC BL644...
BL646	LH1246	19.05	4 x 6	7.94	37.49	18.11	3.30	97.9	120.9	3.60	PHC BL646...
BL666	LH1266	19.05	6 x 6	7.94	44.20	18.11	3.30	146.8	190.8	4.30	PHC BL666...
BL688	LH1288	19.05	8 x 8	7.94	57.61	18.11	3.30	195.7	238.8	5.80	PHC BL688...
BL822	LH1622	25.40	2 x 2	9.54	21.34	24.13	4.09	84.5	108.2	2.20	PHC BL822...
BL823	LH1623	25.40	2 x 3	9.54	25.48	24.13	4.09	84.5	108.2	2.70	PHC BL823...
BL834	LH1634	25.40	3 x 4	9.54	33.76	24.13	4.09	129.0	170.0	3.80	PHC BL834...
BL844	LH1644	25.40	4 x 4	9.54	37.90	24.13	4.09	169.0	214.6	4.30	PHC BL844...
BL846	LH1646	25.40	4 x 6	9.54	46.18	24.13	4.09	169.0	214.6	5.40	PHC BL846...
BL866	LH1666	25.40	6 x 6	9.54	54.46	24.13	4.09	253.6	324.5	6.50	PHC BL866...
BL888	LH1688	25.40	8 x 8	9.54	71.02	24.13	4.09	338.1	432.7	8.60	PHC BL888...
BL1022	LH2022	31.75	2 x 2	11.11	25.37	30.18	4.90	115.6	150.8	3.40	PHC BL1022...
BL1023	LH2023	31.75	2 x 3	11.11	30.33	30.18	4.90	115.6	150.8	4.30	PHC BL1023...
BL1034	LH2034	31.75	3 x 4	11.11	40.23	30.18	4.90	182.4	231.6	6.00	PHC BL1034...
BL1044	LH2044	31.75	4 x 4	11.11	45.19	30.18	4.90	231.3	291.4	6.90	PHC BL1044...
BL1046	LH2046	31.75	4 x 6	11.11	55.09	30.18	4.90	231.3	291.4	8.60	PHC BL1046...
BL1066	LH2066	31.75	6 x 6	11.11	65.00	30.18	4.90	347.0	430.3	10.30	PHC BL1066...
BL1088	LH2088	31.75	8 x 8	11.11	84.81	30.18	4.90	462.6	555.1	13.80	PHC BL1088...
BL1222	LH2422	38.10	2 x 2	12.71	29.62	36.20	5.77	151.2	192.0	4.60	PHC BL1222...
BL1223	LH2423	38.10	2 x 3	12.71	35.43	36.20	5.77	151.2	192.0	5.80	PHC BL1223...
BL1234	LH2434	38.10	3 x 4	12.71	47.07	36.20	5.77	244.6	315.9	8.10	PHC BL1234...
BL1244	LH2444	38.10	4 x 4	12.71	52.88	36.20	5.77	302.5	381.1	9.30	PHC BL1244...
BL1246	LH2446	38.10	4 x 6	12.71	64.52	36.20	5.77	302.5	381.1	11.60	PHC BL1246...
BL1266	LH2466	38.10	6 x 6	12.71	76.15	36.20	5.77	453.7	543.6	13.90	PHC BL1266...
BL1288	LH2488	38.10	8 x 8	12.71	99.42	36.20	5.77	605.0	726.0	18.60	PHC BL1288...
BL1422	LH2822	44.45	2 x 2	14.29	33.55	42.24	6.55	191.3	225.7	6.10	PHC BL1422...
BL1423	LH2823	44.45	2 x 3	14.29	40.16	42.24	6.55	191.3	225.7	7.60	PHC BL1423...
BL1434	LH2834	44.45	3 x 4	14.29	53.37	42.24	6.55	315.8	372.6	10.60	PHC BL1434...
BL1444	LH2844	44.45	4 x 4	14.29	59.97	42.24	6.55	382.6	451.2	12.20	PHC BL1444...
BL1446	LH2846	44.45	4 x 6	14.29	73.18	42.24	6.55	382.6	451.2	15.20	PHC BL1446...
BL1466	LH2866	44.45	6 x 6	14.29	86.39	42.24	6.55	578.3	682.4	18.20	PHC BL1466...
BL1488	LH2888	44.45	8 x 8	14.29	112.80	42.24	6.55	765.1	902.8	24.30	PHC BL1488...
BL1622	LH3222	50.80	2 x 2	17.46	39.01	48.26	7.52	289.1	341.1	8.00	PHC BL1622...

Standard lengths are 10 ft. and 5 m. To complete designation, add chain length. For example, a 5m box of BL422 is PHC BL422X5MTR.
One connecting link is contained per chain.

Leaf chains

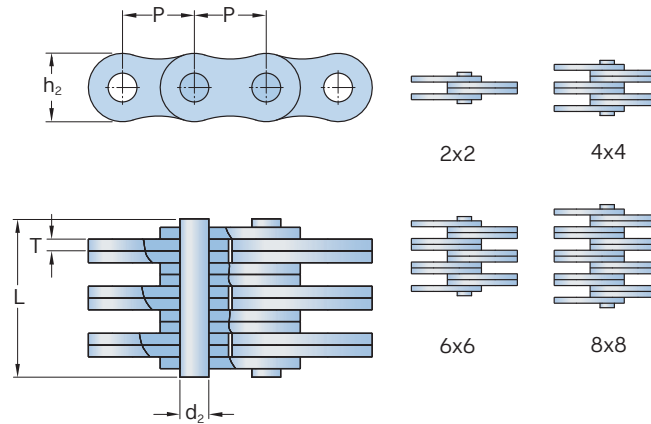
ANSI BL1623-BL2088 (L3223 - LH4088) | ANSI AL322-AL1688

ANSI Chain number	BS/ISO Chain number	Dimensions Pitch P	Plate lacing	Pin diameter d ₂ Max.	Pin length L Max.	Plate height h ₂ Max.	Plate thickness T Max.	Ultimate tensile strength Q Min.	Average tensile strength Q ₀	Mass per meter	Designation
–	–	mm						kN		kg/m	–
BL1623	LH3223	50.80	2 x 3	17.46	46.58	48.26	7.52	289.1	341.1	10.00	PHC BL1623...
BL1634	LH3234	50.80	3 x 4	17.46	61.72	48.26	7.52	440.4	519.6	14.00	PHC BL1634...
BL1644	LH3244	50.80	4 x 4	17.46	69.29	48.26	7.52	573.8	680.4	16.00	PHC BL1644...
BL1646	LH3246	50.80	4 x 6	17.46	84.43	48.26	7.52	578.3	680.4	20.00	PHC BL1646...
BL1666	LH3266	50.80	6 x 6	17.46	99.57	48.26	7.52	857.4	1 000.7	24.00	PHC BL1666...
BL1688	LH3288	50.80	8 x 8	17.46	129.84	48.26	7.52	1 156.5	1 364.6	32.00	PHC BL1688...
BL2022	LH4022	63.50	2 x 2	23.81	51.74	60.33	9.91	433.7	511.7	15.80	PHC BL2022...
BL2023	LH4023	63.50	2 x 3	23.81	61.70	60.33	9.91	433.7	511.7	19.80	PHC BL2023...
BL2034	LH4034	63.50	3 x 4	23.81	81.61	60.33	9.91	649.4	766.2	27.70	PHC BL2034...
BL2044	LH4044	63.50	4 x 4	23.81	91.57	60.33	9.91	867.4	1 023.5	31.60	PHC BL2044...
BL2046	LH4046	63.50	4 x 6	23.81	111.48	60.33	9.91	867.4	1 023.5	39.50	PHC BL2046...
BL2066	LH4066	63.50	6 x 6	23.81	131.39	60.33	9.91	1 301.1	1 535.2	47.40	PHC BL2066...
BL2088	LH4088	63.50	8 x 8	23.81	171.22	60.33	9.91	1 734.8	2 046.5	63.20	PHC BL2088...
AL322	–	9.53	2 x 2	3.58	6.80	7.70	1.30	9.0	10.2	0.23	PHC AL322...
AL344	–	9.53	4 x 4	3.58	11.60	7.70	1.30	18.0	20.0	0.46	PHC AL344...
AL422	–	12.70	2 x 2	3.96	8.30	10.40	1.50	14.1	16.9	0.39	PHC AL422...
AL444	–	12.70	4 x 4	3.96	14.40	10.40	1.50	28.2	35.2	0.74	PHC AL444...
AL466	–	12.70	6 x 6	3.96	20.50	10.40	1.50	42.3	52.7	1.13	PHC AL466...
AL522	–	15.88	2 x 2	5.08	11.05	12.80	2.03	22.0	27.5	0.64	PHC AL522...
AL534	–	15.88	3 x 4	5.08	17.00	12.80	2.03	33.0	46.0	1.10	PHC AL534...
AL544	–	15.88	4 x 4	5.08	19.40	12.80	2.03	44.0	55.0	1.25	PHC AL544...
AL566	–	15.88	6 x 6	5.08	27.50	12.80	2.03	66.0	82.5	1.79	PHC AL566...
AL622	–	19.05	2 x 2	5.94	13.00	15.60	2.42	37.0	44.4	0.86	PHC AL622...
AL644	–	19.05	4 x 4	5.94	22.70	15.60	2.42	63.7	78.8	1.76	PHC AL644...
AL666	–	19.05	6 x 6	5.94	32.20	15.60	2.42	100.1	118.6	2.60	PHC AL666...
AL688	–	19.05	8 x 8	5.94	42.20	15.60	2.42	133.4	156.6	3.49	PHC AL688...
AL822	–	25.40	2 x 2	7.92	16.00	20.50	3.25	56.7	68.6	1.54	PHC AL822...
AL844	–	25.40	4 x 4	7.92	29.40	20.50	3.25	113.4	135.6	3.00	PHC AL844...
AL866	–	25.40	6 x 6	7.92	44.20	20.50	3.25	170.0	202.3	4.46	PHC AL866...
AL1022	–	31.75	2 x 2	9.53	19.60	25.60	4.00	88.5	107.1	2.37	PHC AL1022...
AL1044	–	31.75	4 x 4	9.53	36.40	25.60	4.00	177.0	203.6	4.68	PHC AL1044...
AL1066	–	31.75	6 x 6	9.53	52.30	25.60	4.00	265.0	315.3	7.20	PHC AL1066...
AL1088	–	31.75	8 x 8	9.53	68.50	25.60	4.00	354.0	421.2	9.94	PHC AL1088...
AL1222	–	38.10	2 x 2	11.10	24.30	30.50	4.80	127.0	151.1	3.65	PHC AL1222...
AL1244	–	38.10	4 x 4	11.10	43.80	30.50	4.80	254.0	299.7	7.05	PHC AL1244...
AL1266	–	38.10	6 x 6	11.10	63.20	30.50	4.80	381.0	426.3	10.50	PHC AL1266...
AL1288	–	38.10	8 x 8	11.10	82.60	30.50	4.80	508.0	568.4	14.03	PHC AL1288...
AL1444	–	44.45	4 x 4	12.64	51.30	36.40	5.60	372.7	413.6	10.34	PHC AL1444...
AL1466	–	44.45	6 x 6	12.64	74.56	36.40	5.60	559.0	620.4	15.16	PHC AL1466...
AL1644	–	50.80	4 x 4	14.21	58.00	41.60	6.40	471.0	522.8	12.98	PHC AL1644...
AL1666	–	50.80	6 x 6	14.21	83.80	41.60	6.40	706.0	783.6	19.76	PHC AL1666...
AL1688	–	50.80	8 x 8	14.21	109.50	41.60	6.40	942.0	1 045.5	25.47	PHC AL1688...

Standard lengths are 10 ft. and 5 m. To complete designation, add chain length. For example, a 5m box of BL422 is PHC BL422X5MTR.
One connecting link is contained per chain.

Leaf chains

BS/ISO LL0822-LL4888

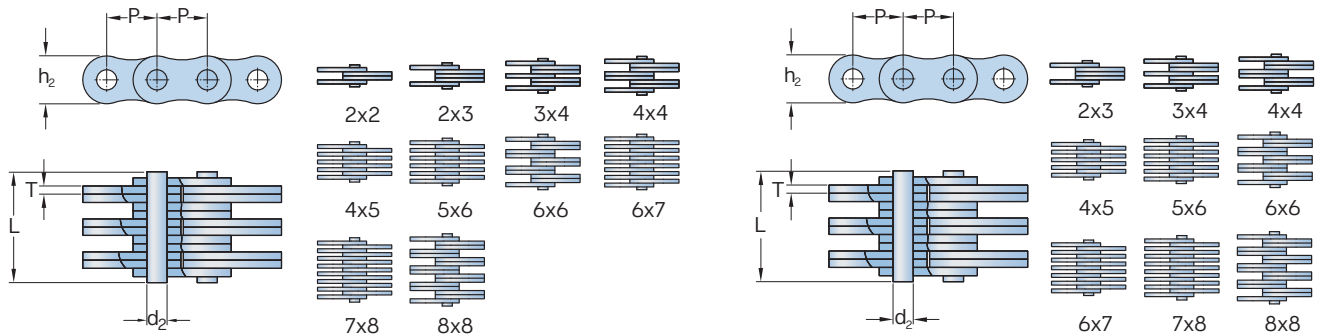


BS/ISO Chain number	Dimensions		Pin diameter d ₂ Max.	Pin length L Max.	Plate height h ₂ Max.	Plate thickness T Max.	Ultimate tensile strength Q Min.	Average tensile strength Q ₀	Mass per meter	Designation
	Pitch P	Plate lacing								
–	mm						kN		kg/m	–
LL0822	12.70	2 x 2	4.45	8.9	10.60	1.60	18.2	20.4	0.42	PHC LL0822...
LL0844	12.70	4 x 4	4.45	15.6	10.60	1.60	36.4	40.7	0.84	PHC LL0844...
LL0866	12.70	6 x 6	4.45	22.0	10.60	1.60	54.6	60.0	1.24	PHC LL0866...
LL0888	12.70	8 x 8	4.45	28.5	10.60	1.60	72.8	80.0	1.64	PHC LL0888...
LL1022	15.88	2 x 2	5.08	9.2	13.70	1.60	22.7	25.5	0.54	PHC LL1022...
LL1044	15.88	4 x 4	5.08	15.8	13.70	1.60	45.4	51.0	1.06	PHC LL1044...
LL1066	15.88	6 x 6	5.08	22.1	13.70	1.60	68.1	76.3	1.57	PHC LL1066...
LL1088	15.88	8 x 8	5.08	28.8	13.70	1.60	90.8	101.9	2.10	PHC LL1088...
LL1222	19.05	2 x 2	5.72	10.4	16.00	1.85	29.5	33.2	0.73	PHC LL1222...
LL1244	19.05	4 x 4	5.72	17.9	16.00	1.85	59.0	66.4	1.44	PHC LL1244...
LL1266	19.05	6 x 6	5.72	25.4	16.00	1.85	88.5	99.7	2.15	PHC LL1266...
LL1288	19.05	8 x 8	5.72	32.9	16.00	1.85	118.0	132.9	2.84	PHC LL1288...
LL1622	25.40	2 x 2	8.28	17.2	21.00	3.10	58.0	66.7	1.52	PHC LL1622...
LL1644	25.40	4 x 4	8.28	29.6	21.00	3.10	116.0	140.0	2.90	PHC LL1644...
LL1666	25.40	6 x 6	8.28	42.4	21.00	3.10	174.0	208.8	4.30	PHC LL1666...
LL1688	25.40	8 x 8	8.28	54.9	21.00	3.10	232.0	278.0	5.71	PHC LL1688...
LL2022	31.75	2 x 2	10.19	20.1	26.40	3.50	95.0	109.2	2.33	PHC LL2022...
LL2044	31.75	4 x 4	10.19	33.8	26.40	3.50	190.0	218.5	4.40	PHC LL2044...
LL2066	31.75	6 x 6	10.19	50.1	26.40	3.50	285.0	324.6	6.79	PHC LL2066...
LL2088	31.75	8 x 8	10.19	64.0	26.40	3.50	380.0	435.1	8.90	PHC LL2088...
LL2422	38.10	2 x 2	14.63	28.4	33.40	5.00	170.0	195.5	4.47	PHC LL2422...
LL2444	38.10	4 x 4	14.63	46.3	33.40	5.00	340.0	380.8	8.22	PHC LL2444...
LL2466	38.10	6 x 6	14.63	66.4	33.40	5.00	510.0	571.2	12.22	PHC LL2466...
LL2488	38.10	8 x 8	14.63	86.6	33.40	5.00	680.0	775.2	16.30	PHC LL2488...
LL2822	44.45	2 x 2	15.90	32.2	37.08	6.00	200.0	224.0	5.10	PHC LL2822...
LL2844	44.45	4 x 4	15.90	56.4	37.08	6.00	400.0	448.0	9.90	PHC LL2844...
LL2866	44.45	6 x 6	15.90	80.8	37.08	6.00	600.0	672.0	14.60	PHC LL2866...
LL2888	44.45	8 x 8	15.90	105.2	37.08	6.00	800.0	896.0	19.40	PHC LL2888...
LL3222	50.80	2 x 2	17.81	34.8	42.00	6.40	260.0	291.2	6.20	PHC LL3222...
LL3244	50.80	4 x 4	17.81	60.6	42.00	6.40	520.0	582.4	12.30	PHC LL3244...
LL3266	50.80	6 x 6	17.81	86.4	42.00	6.40	780.0	873.6	18.30	PHC LL3266...
LL3288	50.80	8 x 8	17.81	112.2	42.00	6.40	1040.0	1176.0	24.00	PHC LL3288...
LL4022	63.50	2 x 2	22.89	42.2	52.76	8.00	360.0	403.2	10.30	PHC LL4022...
LL4044	63.50	4 x 4	22.89	74.4	52.76	8.00	780.0	873.6	20.00	PHC LL4044...
LL4066	63.50	6 x 6	22.89	106.5	52.76	8.00	1080.0	1209.6	30.00	PHC LL4066...
LL4088	63.50	8 x 8	22.89	140.0	52.76	8.00	1440.0	1747.2	39.10	PHC LL4088...
LL4822	76.20	2 x 2	29.24	54.6	63.88	10.00	560.0	627.2	18.50	PHC LL4822...
LL4844	76.20	4 x 4	29.24	92.6	63.88	10.00	1120.0	1554.4	35.70	PHC LL4844...
LL4866	76.20	6 x 6	29.24	133.4	63.88	10.00	1680.0	1880.0	53.00	PHC LL4866...
LL4888	76.20	8 x 8	29.24	174.2	63.88	10.00	2240.0	2508.8	70.40	PHC LL4888...

Standard lengths are 10 ft. and 5 m. To complete designation, add chain length. For example, a 5m box of LL0822 is PHC LL0822X5MTR.
One connecting link is contained per chain.

Leaf chains

FL, F19V, FLC | 12XX, 15XX, 19XX, 25XX



Chain number	Dimensions		Pin diameter d_2 Max.	Pin length L Max.	Plate height h_2 Max.	Plate thickness T Max.	Chain length over 100 pitches +/- 0.25%	Ultimate tensile strength Q Min.	Average tensile strength Q_0	Mass per meter kg/m	Designation
	Pitch P	Plate lacing									
–	mm							kN			–
FL644	5.94	4 x 4	1.85	6.6	4.7	0.60	–	6.50	7.8	0.13	PHC FL644...
FL666	5.94	6 x 6	1.85	9.3	4.7	0.60	–	9.75	11.8	0.20	PHC FL666...
FL688	5.94	8 x 8	1.85	12.0	4.7	0.60	–	13.00	15.6	0.25	PHC FL688...
FL844	8.00	4 x 4	2.31	7.9	6.9	0.73	–	10.00	12.1	0.25	PHC FL844...
FL944	9.53	4 x 4	3.28	10.4	8.7	1.04	–	21.00	24.7	0.43	PHC FL944...
FL966	9.53	6 x 6	3.28	14.9	8.7	1.00	–	31.00	36.8	0.65	PHC FL966...
F122	12.70	2 x 2	3.58	7.0	8.2	1.00	–	11.43	13.6	0.19	PHC F122...
F1223	12.70	2 x 3	4.45	12.8	10.2	2.03	–	20.00	23.8	0.61	PHC F1223...
FL1244	12.70	4 x 4	4.45	16.7	10.2	1.70	–	44.00	52.3	0.83	PHC FL1244...
F19V-44	19.05	4 x 4	6.50	22.4	15.2	2.42	–	71.00	84.3	1.73	PHC F19V-44...
F19V-66	19.05	6 x 6	6.50	32.3	15.2	2.42	–	106.00	125.9	2.57	PHC F19V-66...
FLC534	15.88	3 x 4	5.08	15.3	12.7	1.85	–	40.40	44.4	0.99	PHC FLC534...
FLC545	15.88	4 x 5	5.08	19.2	12.7	1.85	–	54.30	59.7	1.27	PHC FLC545...
FLC556	15.88	5 x 6	5.08	22.7	12.7	1.85	–	67.60	74.3	1.54	PHC FLC556...
FLC1056	31.75	5 x 6	9.53	40.6	25.4	3.25	–	137.90	151.0	5.44	PHC FLC1056...
FLC1067	31.75	6 x 7	9.53	47.2	25.4	3.25	–	165.40	181.9	6.42	PHC FLC1067...
FLC1078	31.75	7 x 8	9.53	53.8	25.4	3.25	–	193.00	212.0	7.40	PHC FLC1078...
1234	12.70	3 x 4	4.45	14.2	10.6	1.70	1262	31.00	–	0.75	PHC 1234...
1256	12.70	5 x 6	4.45	21.1	10.6	1.70	1262	53.00	–	1.17	PHC 1256...
1288	12.70	8 x 8	4.45	29.9	10.6	1.70	1262	85.00	–	1.70	PHC 1288...
1523	15.88	2 x 3	5.08	12.1	12.7	1.94	1580	29.00	–	0.75	PHC 1523...
1534	15.88	3 x 4	5.08	16.0	12.7	1.94	1580	46.00	–	1.04	PHC 1534...
1544	15.88	4 x 4	5.08	18.1	12.7	1.94	1580	58.00	–	1.18	PHC 1544...
1545	15.88	4 x 5	5.08	20.3	12.7	1.94	1580	58.00	–	1.33	PHC 1545...
1556	15.88	5 x 6	5.08	24.0	12.7	1.94	1580	72.00	–	1.63	PHC 1556...
1566	15.88	6 x 6	5.08	26.2	12.7	1.94	1580	87.00	–	1.77	PHC 1566...
1567	15.88	6 x 7	5.08	28.0	12.7	1.94	1580	90.00	–	1.91	PHC 1567...
1578	15.88	7 x 8	5.08	32.5	12.7	1.94	1580	101.00	–	2.20	PHC 1578...
1588	15.88	8 x 8	5.08	34.0	12.7	1.94	1580	115.00	–	2.34	PHC 1588...
1944	19.05	4 x 4	5.72	21.3	15.0	2.29	1891	73.00	–	1.58	PHC 1944...
1966	19.05	6 x 6	5.72	30.7	15.0	2.29	1891	110.00	–	2.37	PHC 1966...
1988	19.05	8 x 8	5.72	40.0	15.0	2.29	1891	140.00	–	3.13	PHC 1988...
2523	25.40	2 x 3	8.28	18.8	20.2	3.06	2532	72.00	–	1.83	PHC 2523...
2534	25.40	3 x 4	8.28	25.3	20.2	3.06	2532	108.00	–	2.55	PHC 2534...
2545	25.40	4 x 5	8.28	31.6	20.2	3.06	2532	144.00	–	3.26	PHC 2545...
2556	25.40	5 x 6	8.28	37.2	20.2	3.06	2532	180.00	–	3.96	PHC 2556...
2567	25.40	6 x 7	8.28	43.8	20.2	3.06	2532	216.00	–	4.68	PHC 2567...
2578	25.40	7 x 8	8.28	50.0	20.2	3.06	2532	252.00	–	5.39	PHC 2578...
2588	25.40	8 x 8	8.28	52.8	20.2	3.06	2532	290.00	–	5.77	PHC 2588...

Standard lengths are 10 ft. and 5 m. To complete designation, add chain length. For example, a 5m box of FL644 is PHC FL644X5MTR.
One connecting link is contained per chain.



Couplings



Grid couplings 104



Gear couplings. 110



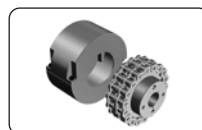
Disc couplings 122



SKF Flex couplings 132



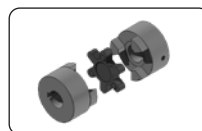
SKF Flex spacer coupling 134



Chain couplings. 136



FRC couplings 139



Jaw couplings 141



Universal joints 143

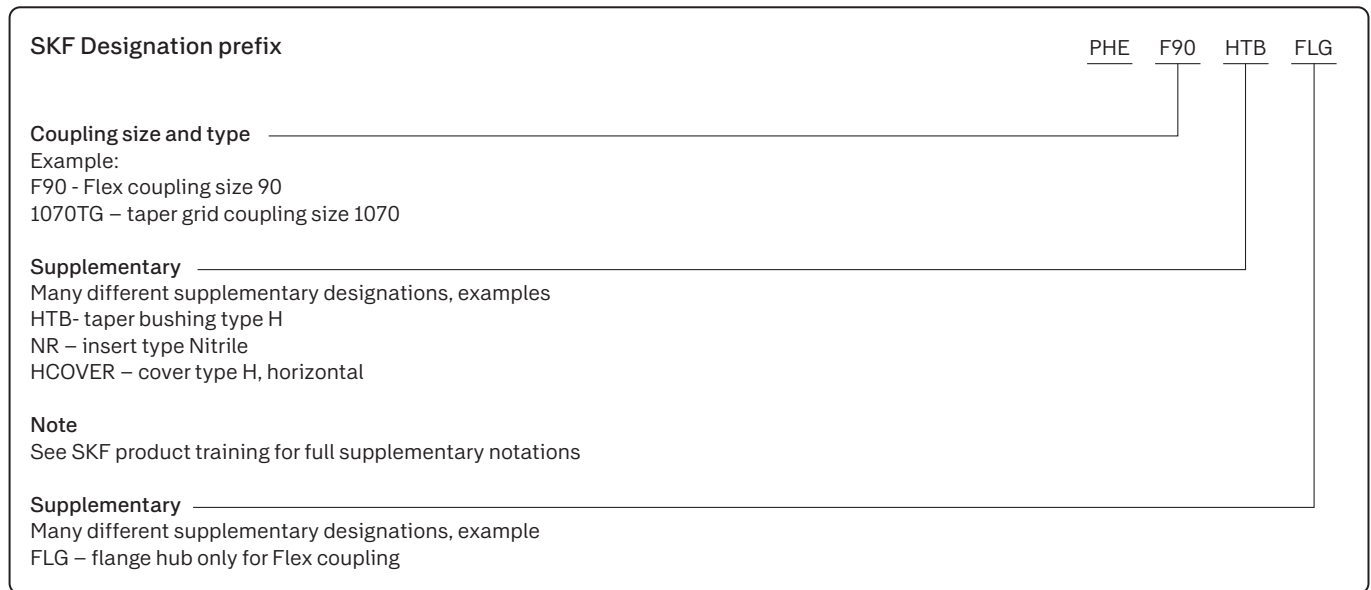


SKF Couplings

SKF coupling range nomenclature has a defined prefix of PHE. The coupling range is covered by limited standards, AGMA is the main standard to cover interchangeability for couplings, and spacers are covered by ANSI or ISO for lengths.

Couplings

The coupling range designation format has the following example to indicate set up.



Couplings (PHE Product Group)

SKF Flex-, Chain-, FRC, Jaw couplings and Universal joints are manufactured according to established market standards and as complete couplings are interchangeable with other brands:

- Metric bore keyway machined according to BS 4231:Part 1 and DIN 6885;
- British imperial bore keyway machined according to BS 46:Part 1; and
- American imperial bore keyway machined according to ASME B17.1.

SKF Grid, Gear and Rigid couplings are manufactured according to established industrial standard, which is acceptable throughout the world. SKF Gear couplings are interchangeable, half to half, to industries standard using AGMA bolt pattern. Every coupling is protected by a specific treatment, which depends on the material or type of packaging: (1) phosphate coating, (2) blackening, (3) spray painting or (4) anti-corrosion oil.

Main materials used in couplings

SKF Flex coupling	Flange in grey cast iron HT250 or equivalent; tyre available in nitrile or chloroprene (FRAS); rubber and spacer in grey cast Iron HT250 or equivalent.
Chain coupling	Flange in premium carbon steel no. 45 and cover available in aluminium and plastic.
FRC coupling	Flange in grey cast iron HT250 or equivalent and elements available in nitrile or chloroprene (FRAS) rubber.
Jaw coupling	Flange in grey cast iron HT250 or equivalent; spacer in aluminium and insert available in nitrile, urethane and Hytrel®.
Gear coupling	Hub in steel SM45C equivalent to AISI 1045; grid member ain spring steel SW-C; horizontal split cover in aluminium.
Gear coupling	Sleeve and hub in steel SM45C equivalent to AISI 1045.
Universal Joint	Premium carbon steel.

Grid couplings

In high output (kW) and high torque applications where vibration, shock loads and misalignment occur, SKF grid couplings are an excellent choice.

The unique design of the grid and hub teeth enable these couplings to accommodate movement and stresses from all three planes, thereby reducing vibration levels by as much as 30%.

The tapered grid element is manufactured from a high strength alloy steel. The grid, which is the primary wear component of the coupling, is designed for quick and easy replacement. Unlike other couplings, the hubs and other components are not disturbed. This makes realignment unnecessary and further reduces downtime and maintenance costs.

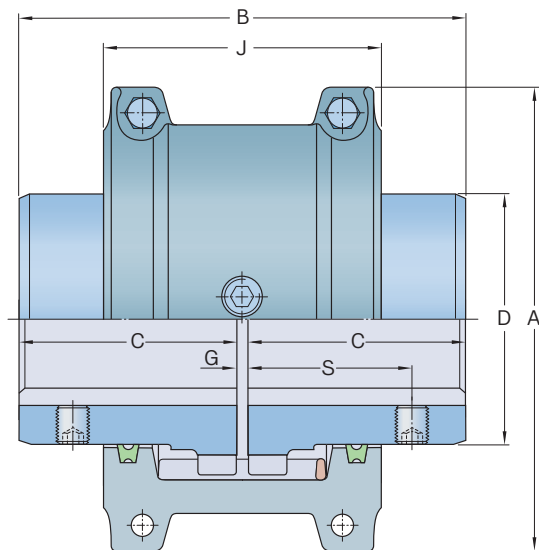
Order data

Coupling type –	Hubs				Cover	Grid		Spacer hub set			
	Solid bore	Qty		Bored to size	Qty	–	Qty	–	Qty	(... = DBSE dimension)	Qty
Horizontal split cover	PHE 1050TGRSB	2	or	PHE 1050TG...MM	2	PHE 1050TGHCOVER	1	PHE 1050TGGRID	1	–	–
Vertical split cover	PHE 1050TGRSB	2	or	PHE 1050TG...MM	2	PHE 1050TGVCOVER	1	PHE 1050TGGRID	1	–	–
Full spacer	PHE 1050TGS-SHRB	2	or	PHE 1050TGS-SH...MM	2	PHE 1050TGHCOVER	1	PHE 1050TGGRID	1	PHE 1050TGFS-SPACERX...MM	1
Half spacer	PHE 1050TGRSB	1	or	–	–	PHE 1050TGHCOVER	1	PHE 1050TGGRID	1	PHE 1050TGHS-SPACERX...MM	1
	PHE 1050TGS-SHRB	1		PHE 1050TGS-SH...MM	1	–	–	–	–	–	–

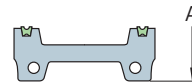
Each complete full or half spacer coupling consists of: 2 hubs, 1 grid, 1 cover and 1 spacer hub set.
Each complete horizontal or vertical split cover coupling consists of: 2 hubs, 1 grid and 1 cover.
For bored to size designations, add bore size. For example, PHE 1050TG25MM

Grid couplings

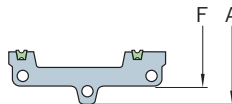
Horizontal split cover



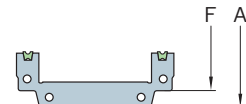
Cover profiles



Sizes 1020–1140



Sizes 1150–1200



Sizes 1210–1260

Size	Power per 100 r/min	Rated torque	Speed	Bore diameter		Dimensions								Gap			Lubricant mass	Coupling mass with- out bore
				Max.	Min.	Max.	A	B	C	D	J	F	S	G Min.	Normal	Max.		
–	kW	Nm	r/min	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	
1020 TGH	0.54	52	4 500	13	28	101.6	98.2	47.5	39.7	66	–	39.1	1.5	3	4.5	0.027	1.9	
1030 TGH	1.6	149	4 500	13	25	110	98.2	47.5	49.2	68.3	–	39.1	1.5	3	4.5	0.04	2.6	
1040 TGH	2.6	249	4 500	13	43	117.5	104.6	50.8	57.2	70	–	40.1	1.5	3	4.5	0.054	3.4	
1050 TGH	4.6	435	4 500	13	50	138	123.6	60.3	66.7	79.5	–	44.7	1.5	3	4.5	0.068	5.4	
1060 TGH	7.2	684	4 500	20	56	150.5	130	63.5	76.2	92	–	52.3	1.5	3	4.5	0.086	7.3	
1070 TGH	10.4	994	4 125	20	67	161.9	155.4	76.2	87.3	95	–	53.8	1.5	3	4.5	0.113	10	
1080 TGH	21.5	2 050	3 600	27	80	194	180.8	88.9	104.8	116	–	64.5	1.5	3	6	0.172	18	
1090 TGH	39	3 730	3 600	27	95	213	199.8	98.4	123.8	122	–	71.6	1.5	3	6	0.254	25	
1100 TGH	65.7	6 280	2 440	42	110	250	246.2	120.6	142.1	155.5	–	–	1.5	5	9.5	0.426	42	
1110 TGH	97.6	9 320	2 250	42	120	270	259	127	160.3	161.5	–	–	1.5	5	9.5	0.508	54	
1120 TGH	143	13 700	2 025	61	140	308	304.4	149.2	179.4	191.5	–	–	1.5	6	13	0.735	81	
1130 TGH	208	19 900	1 800	67	170	346	329.8	161.9	217.5	195	–	–	1.5	6	13	0.907	121	
1140 TGH	299	28 600	1 650	67	200	384	374.4	184.2	254	201	–	–	1.5	6	13	1.13	178	
1150 TGH	416	39 800	1 500	108	215	453.1	371.8	182.9	269.2	271.3	391.2	–	1.5	6	13	1.95	234	
1160 TGH	586	55 900	1 350	121	240	501.4	402.2	198.1	304.8	278.9	436.9	–	1.5	6	13	2.81	317	
1170 TGH	781	74 600	1 225	134	280	566.4	437.8	215.9	355.6	304.3	487.2	–	1.5	6	13	3.49	448	
1180 TGH	1 080.0	103 000	1 100	153	300	629.9	483.6	238.8	393.7	321.1	554.7	–	1.5	6	13	3.76	619	
1190 TGH	1 430.0	137 000	1 050	153	335	675.6	524.2	259.1	436.9	325.1	607.8	–	1.5	6	13	4.4	776	
1200 TGH	1 950.0	186 000	900	178	360	756.9	564.8	279.4	497.8	355.6	660.4	–	1.5	6	13	5.62	1 057	
1210 TGH	2 611.0	249 000	820	178	390	844.5	622.3	304.8	533.4	431.8	750.8	–	1.5	13	19	10.5	1 425	
1220 TGH	3 523.0	336 000	730	203	420	920.7	662.9	325.1	571.5	490.2	822.2	–	1.5	13	1	16.1	1 785	
1230 TGH	4 555.0	435 000	680	203	450	1 003.3	703.8	345.4	609.6	546.1	–	–	3	13	22	24	2 265	
1240 TGH	5 853.0	559 000	630	254	480	1 087.1	749.6	368.3	647.7	647.7	–	–	3	13	22	33.8	2 950	
1250 TGH	7 812.0	746 000	580	– 1)	– 1)	1 181.1	815.5	401.3	711.2	698.5	–	–	3	13	22	50.1	3 835	
1260 TGH	9 759.0	932 000	540	– 1)	– 1)	1 260.9	876.5	431.8	762	762	–	–	3	13	25	67.2	4 680	

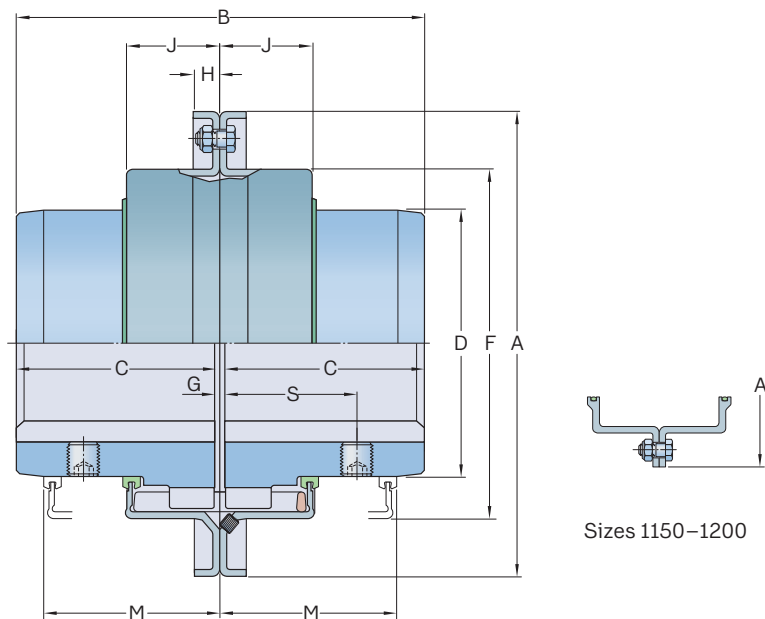
Horizontal split cover couplings are high performance, general purpose and easy to maintain.

The grid is designed to be replaced without disturbing any other component in the drive.

1) Contact SKF for bore dimensions of these coupling sizes

Grid couplings

Vertical split cover

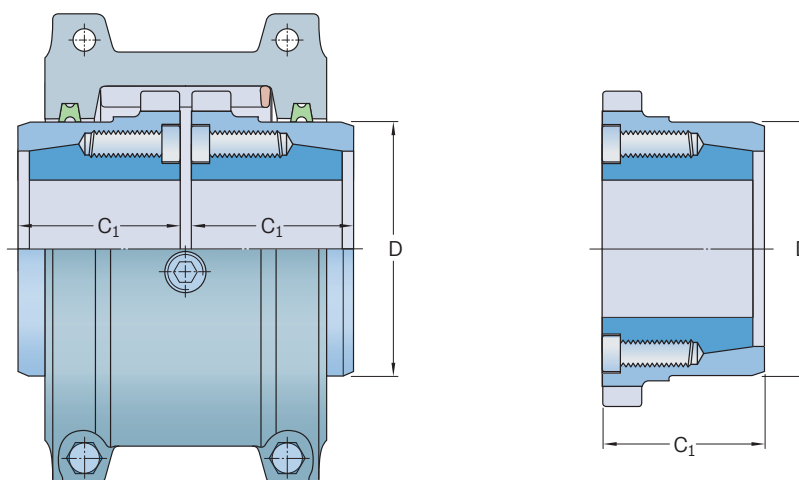


Sizes 1150–1200

Size	Power per 100 r/min	Rated torque	Speed	Bore diameter		Dimensions										Gap			Lubricant weight	Coupling mass without bore
				Max.	Min.	Max.	A	B	C	D	F	H	J	M	S	G Min.	Normal	Max.		
–	kW	Nm	r/min	mm		mm										mm			kg	
1020 TGV	0.54	52	6 000	12	30	111.1	98.0	47.5	39.7	64.3	9.7	24.2	47.8	39.1	1.5	3	4.5	0.027	2.0	
1030 TGV	1.60	149	6 000	12	36	120.7	98.0	47.5	49.2	73.8	9.7	25.0	47.8	39.1	1.5	3	4.5	0.040	2.6	
1040 TGV	2.60	249	6 000	12	44	128.5	104.6	50.8	57.2	81.8	9.7	25.7	50.8	40.1	1.5	3	4.5	0.054	3.4	
1050 TGV	4.60	435	6 000	12	50	147.6	123.6	60.3	66.7	97.6	11.9	31.2	60.5	44.7	1.5	3	4.5	0.068	5.4	
1060 TGV	7.20	684	6 000	19	57	162.0	130.0	63.5	76.2	111.1	12.7	32.2	63.5	52.3	1.5	3	4.5	0.086	7.3	
1070 TGV	10.40	994	5 500	19	65	173.0	155.4	76.2	87.3	122.3	12.7	33.7	66.5	53.8	1.5	3	4.5	0.113	10.0	
1080 TGV	21.50	2 050	4 750	27	79	200.0	180.8	88.9	104.8	149.2	12.7	44.2	88.9	64.5	1.5	3	6.0	0.172	18.0	
1090 TGV	39.00	3 730	4 000	27	95	231.8	199.8	98.4	123.8	168.3	12.7	47.7	95.2	71.6	1.5	3	6.0	0.254	25.0	
1100 TGV	65.70	6 280	3 250	41	107	266.7	245.7	120.6	142.1	198.0	15.7	60.0	120.7	–	1.5	5	9.5	0.426	42.0	
1110 TGV	97.60	9 320	3 000	41	117	285.8	258.5	127.0	160.3	216.3	16.0	64.2	124.0	–	1.5	5	9.5	0.508	54.0	
1120 TGV	143.00	13 700	2 700	60	136	319.0	304.4	149.2	179.4	245.5	17.5	73.4	142.7	–	1.5	6	12.5	0.735	81.0	
1130 TGV	208.00	19 900	2 400	66	165	377.8	329.8	161.9	217.5	283.8	20.6	75.1	146.0	–	1.5	6	12.5	0.907	122.0	
1140 TGV	299.00	28 600	2 200	66	184	416.0	371.6	184.2	254.0	321.9	20.6	78.2	155.4	–	1.5	6	12.5	1.130	180.0	
1150 TGV	416.00	39 800	2 000	108	203	476.3	371.8	182.9	269.2	374.4	19.3	106.9	203.2	–	1.5	6	12.5	1.950	230.0	
1160 TGV	586.00	55 900	1 750	120	228	533.4	402.2	198.1	304.8	423.9	30.0	114.3	215.9	–	1.5	6	12.5	2.810	321.0	
1170 TGV	781.00	74 600	1 600	133	279	584.2	437.8	215.9	355.6	474.7	30.0	119.4	226.1	–	1.5	6	12.5	3.490	448.0	
1180 TGV	1 080.00	103 000	1 400	152	311	630.0	483.6	238.8	393.7	–	–	130.0	265.0	–	1.5	6	12.5	3.760	591.0	
1190 TGV	1 430.00	137 000	1 300	152	339	685.0	524.2	259.1	436.9	–	–	135.0	275.0	–	1.5	6	12.5	4.400	761.0	
1200 TGV	1 950.00	186 000	1 100	177	361	737.0	564.8	279.4	497.8	–	–	145.0	295.0	–	1.5	6	12.5	5.620	1 021.0	

Vertical split cover couplings are high performance, general purpose and easy to maintain.
The grid is designed to be replaced without disturbing any other component in the drive. The vertical cover allows for higher running speeds.

Grid couplings with taper bushing option

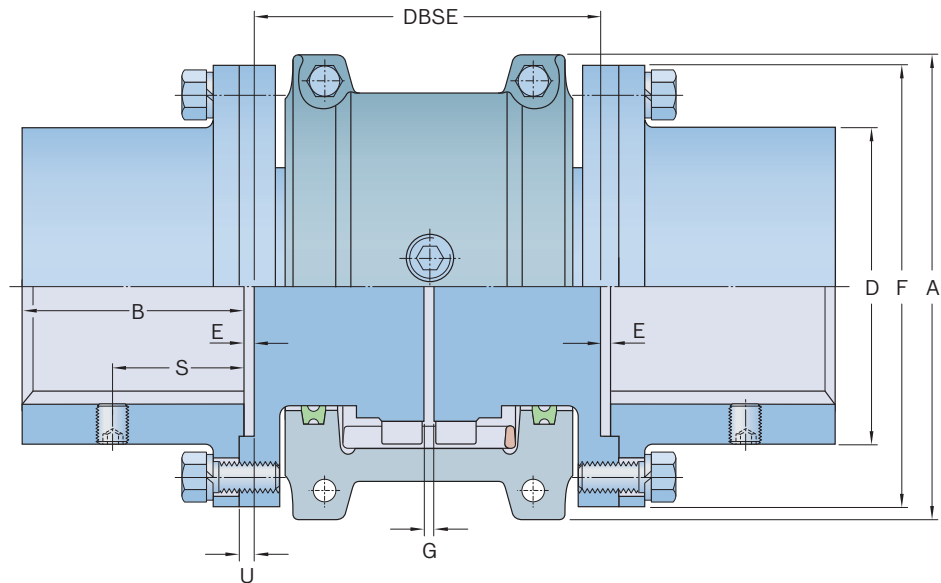


Size	Taper bushing designation	Bushing torque capacity ¹⁾	Bore diameter range ¹⁾		Reduced hub length	Hub length reduction C1	Hub diameter D
			Min.	Max.			
		Nm	mm		mm	mm	
1 020	Not available	–	–	–	–	–	–
1 030	PHF TB1108	147	13	25	45	2.5	49.2
1 040	PHF TB 1108	147	13	25	45	5.8	57.2
1 050	PHF TB 1215	405	13	32	50	10.3	66.7
1 060	PHF TB 1615	485	13	42	55	8.5	76.2
1 070	PHF TB 2012	810	13	50	55	21.2	87.3
1 080	PHF TB 2525	1 275	25	65	70	18.9	104.8
1 090	PHF TB 3030	2 710	24	80	83	15.4	123.8
1 100	PHF TB 3030	2 710	24	80	90	30.6	142.1
1 110	PHF TB 3535	5 060	32	91	95	32	160.3
1 120	PHF TB 4040	8 727	37	103	115	34.2	179.4

¹⁾ Bore capacities are based on standard ISO keyway dimensions to ISO773 (DIN6885/1) unless otherwise stated.

²⁾ The limitations in the couplings' torque capacity with when fitted with a taper bushing, is based on the maximum recommended torque for the relevant taper bushing with a standard keyway. For this reason it becomes impractical, and uneconomical, to offer the larger sizes with a taper bushing option. Different bushing type options, such as FX and QD, are also available for certain sizes. Please contact SKF.

Grid couplings Full spacer

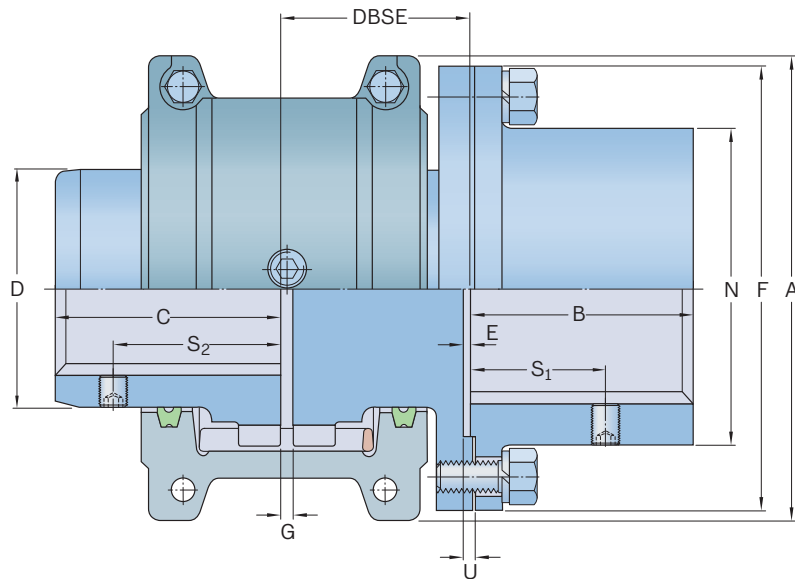


Size	Power per 100 r/min	Rated torque	Speed	Bore diameter			Dimensions								Gap		Flange bolts	Lubricant weight	Coupling weight without bore and min. BE
				Max.	Min.	Max.	A	B	DBSE Min	Max.	D	E	F	S	U	G Min.			
–	kW	Nm	r/min	mm			mm								mm		kg		
1020 TGFS	0.54	52	3 600	12	35	101.6	35	89	203	52	0.8	86	27.4	1.8	1.5	5.0	4	0.027	3.9
1030 TGFS	1.60	149	3 600	12	43	110.0	41	89	216	59	0.8	94	31.5	1.8	1.5	5.0	8	0.040	5.2
1040 TGFS	2.60	249	3 600	12	56	117.5	54	89	216	78	0.8	113	27.4	1.8	1.5	5.0	8	0.054	8.4
1050 TGFS	4.60	435	3 600	12	67	138.0	60	112	216	87	0.8	126	40.6	1.8	1.5	5.0	8	0.068	12.8
1060 TGFS	7.20	684	3 600	19	80	150.5	73	127	330	103	1.8	145	43.2	2.8	1.5	5.0	8	0.086	20.5
1070 TGFS	10.40	994	3 600	19	85	161.9	79	127	330	109	1.8	153	46.7	2.8	1.5	5.0	12	0.113	24.8
1080 TGFS	21.50	2 050	3 600	27	95	194.0	89	184	406	122	1.8	178	49.8	2.8	1.5	5.0	12	0.172	40.0
1090 TGFS	39.00	3 730	3 600	27	110	213.0	102	184	406	142	1.8	210	56.9	2.8	1.5	5.0	12	0.254	60.0
1100 TGFS	65.70	6 280	2 440	41	130	250.0	90	203	406	171	1.6	251	–	3.2	1.5	6.5	12	0.426	90.2
1110 TGFS	97.60	9 320	2 250	41	150	270.0	104	210	406	196	1.6	277	–	3.2	1.5	6.5	12	0.508	119.0
1120 TGFS	143.00	13 700	2 025	60	170	308.0	119	246	406	225	1.6	319	–	4.0	1.5	9.5	12	0.735	178.0
1130 TGFS	208.00	19 900	1 800	66	190	346.0	135	257	406	238	1.6	346	–	4.0	1.5	9.5	12	0.907	237.0
1140 TGFS	299.00	28 600	1 650	66	210	384.0	152	267	406	266	1.6	386	–	4.0	1.5	9.5	12	1.130	327.0
1150 TGFS	416.00	39 800	1 500	108	270	453.1	173	345	371	334	5.1	425	–	–	1.5	9.5	14	1.950	462.0
1160 TGFS	586.00	55 900	1 350	120	290	501.4	186	356	406	366	6.6	457	–	–	1.5	9.5	14	2.810	566.0
1170 TGFS	781.00	74 600	1 225	133	340	566.4	220	384	445	425	8.4	527	–	–	1.5	9.5	16	3.490	856.0
1180 TGFS	1 080.00	103 000	1 100	133	340	629.9	249	400	490	451	5.1	591	–	8.1	1.5	9.5	16	3.760	1 135.0
1190 TGFS	1 430.00	137 000	1 050	152	380	675.6	276	411	530	508	5.1	660	–	8.1	1.5	9.5	18	4.400	1 525.0
1200 TGFS	1 950.00	186 000	900	177	400	756.9	305	445	575	530	6.1	711	–	9.1	1.5	9.5	18	5.620	1 910.0

Horizontal split cover full spacer couplings are designed to accommodate long distances between the shafts that are to be connected. This coupling gives you the added advantage of being able to drop out the entire centre section of the coupling for easy service. This coupling is an ideal choice for pumps.

Grid couplings

Half spacer



Size	Power per 100 r/min	Rated torque	Speed	Bore diameter			Dimensions										Gap				Flange bolts	Lubricant weight	Coupling weight with- out bore and min. BE
							Shaft hub Max.	A	B	C	D	DBSE	N	E	F	Shaft hub S	T hub S	U	G				
				Min.	Max.	Min.														Max.			
–	kW	Nm	r/min	mm			mm										mm				kg		
1020 TGHS	0.54	52	3 600	12	30	35	101.6	35	47.5	39.7	45	102	52	0.8	86	27.4	39.1	1.8	1.5	3	4	0.027	2.9
1030 TGHS	1.60	149	3 600	12	36	43	110.0	41	47.5	49.2	45	109	59	0.8	94	31.5	39.1	1.8	1.5	3	8	0.040	3.9
1040 TGHS	2.60	249	3 600	12	44	56	117.5	54	50.8	57.2	45	109	78	0.8	113	27.4	40.1	1.8	1.5	3	8	0.054	5.9
1050 TGHS	4.60	435	3 600	12	50	67	138.0	60	60.3	66.7	57	109	87	0.8	126	40.6	44.7	1.8	1.5	3	8	0.068	9.1
1060 TGHS	7.20	684	3 600	19	57	80	150.5	73	63.5	76.2	64	166	103	1.8	145	43.2	52.3	2.8	1.5	3	8	0.086	14.0
1070 TGHS	10.40	994	3 600	19	65	85	161.9	79	76.2	87.3	64	166	109	1.8	153	46.7	53.8	2.8	1.5	3	12	0.113	17.6
1080 TGHS	21.50	2 050	3 600	27	79	95	194.0	89	88.9	104.8	93	204	122	1.8	178	49.8	64.5	2.8	1.5	3	12	0.172	29.0
1090 TGHS	39.00	3 730	3 600	27	95	110	213.0	102	98.4	123.8	93	204	142	1.8	210	56.9	71.6	2.8	1.5	3	12	0.254	42.8
1100 TGHS	65.70	6 280	2 440	41	107	130	250.0	90	120.6	142.1	103	205	171	1.6	251	–	–	3.2	1.5	5	12	0.426	66.0
1110 TGHS	97.60	9 320	2 250	41	117	150	270.0	104	127.0	160.3	106	205	196	1.6	277	–	–	3.2	1.5	5	12	0.508	84.5
1120 TGHS	143.00	13 700	2 025	60	136	170	308.0	119	149.2	179.4	125	205	225	1.6	319	–	–	4.0	1.5	6	12	0.735	129.0
1130 TGHS	208.00	19 900	1 800	66	165	190	346.0	135	161.9	217.5	130	205	238	1.6	346	–	–	4.0	1.5	6	12	0.907	179.0
1140 TGHS	299.00	28 600	1 650	66	184	210	384.0	152	184.2	254.0	135	205	266	1.6	386	–	–	4.0	1.5	6	12	1.130	252.0
1150 TGHS	416.00	39 800	1 500	108	203	270	453.1	173	182.9	269.2	175	187	334	5.1	425	–	–	–	1.5	6	14	1.950	348.0
1160 TGHS	586.00	55 900	1 350	120	228	290	501.4	186	198.1	304.8	180	205	366	6.6	457	–	–	–	1.5	6	14	2.810	441.0
1170 TGHS	781.00	74 600	1 225	133	279	340	566.4	220	215.9	355.6	194	224	425	8.4	527	–	–	–	1.5	6	16	3.490	652.0
1180 TGHS	1 080.00	103 000	1 100	133	311	340	629.9	249	238.8	393.7	202	247	451	5.1	591	–	–	8.1	1.5	6	16	3.760	877.0
1190 TGHS	1 430.00	137 000	1 050	152	339	380	675.6	276	259.1	436.9	207	267	508	5.1	660	–	–	8.1	1.5	6	18	4.400	1 150.0
1200 TGHS	1 950.00	186 000	900	177	361	400	756.9	305	279.4	497.8	224	289	530	6.1	711	–	–	9.1	1.5	6	18	5.620	1 484.0

Horizontal split cover half spacer couplings are designed to be used where there is no need to accommodate long distances between the shafts. It provides an economical alternative to the full spacer and is an ideal choice for pumps.

Gear couplings

Very high-torque ratings, along with unparalleled bore capacities, give this coupling a great advantage over other types of couplings. SKF gear couplings are rated up to 555 000 Nm with a maximum bore of 495 mm. This is a heavy duty coupling with incredible design flexibility, making it an economical choice for many applications.

The unique design of the gear couplings tooth crowning dramatically reduces backlash and radial clearance. The hub bore capacities are the largest in the industry allowing for low cost and long service life.

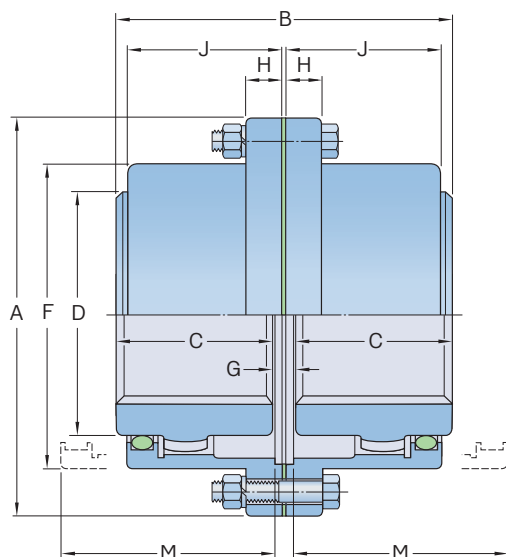
Order data

Coupling type –	Hubs	Qty	Cover –	Qty	Assembly kit –	Qty	Spacer/floating shaft and kits (... = DBSE dimension)	Qty
Double engagement	PHE 50GCRSB	2	PHE 50GCCOVER	2	PHE 50GCKIT	1	–	–
Size 80 and above	PHE 80GCRSB	2	PHE 80GCMCOVER	1	PHE 80GCKIT	1	–	–
	–	–	PHE 80GFCOVER	1	–	–	–	–
Single engagement	PHE 50GCSERSB	1	PHE 50GCCOVER	1	PHE 50GCKIT	1	–	–
	PHE 50GCRSB	1	–	–	–	–	–	–
Size 80 and above	PHE 80GCSERSB	1	PHE 80GCMCOVER	1	PHE 80GCKIT	1	–	–
	PHE 80GCRSB	1	–	–	–	–	–	–
Double engagement spacer	PHE 50GCRSB	2	PHE 50GCCOVER	2	PHE 50GCKIT	2	PHE 50GCSPACER...MM	1
Double engagement slide type 1, 2, 3 Type 1	PHE 50GCRSB	2	PHE 50GCSCOVER	2	PHE 50GCKIT	1	PHE 50GCCPLATE	1
Type 2	PHE 50GCST2RSB	2	PHE 50GCSCOVER	2	PHE 50GCKIT	1	PHE 50GCCPLATE	1
Type 3	PHE 50GCRSB	2	PHE 50GCCCOVER	2	PHE 50GCKIT	1	PHE 50GCCPLATE	1
	–	–	–	–	–	–	PHE 50GCT3DISC	2
Single engagement slide type 1 and 2 Type 1	PHE 50GCRSB	1	PHE 50GCSCOVER	1	PHE 50GCKIT	1	PHE 50GCCPLATE	1
	PHE 50GCSERSB	1	–	–	–	–	–	–
Type 2	PHE 50GCST2RSB	1	PHE 50GCSCOVER	1	PHE 50GCKIT	1	PHE 50GCCPLATE	1
	PHE 50GCSERSB	1	–	–	–	–	–	–
Single engagement floating shaft	PHE 50GCFERSB	2	PHE 50GCCOVER	2	PHE 50GCKIT	2	PHE 50GCFSHAFT .. MM	1
	PHE 50GCRSB	2	–	–	–	–	PHE 50GCFSEDISC	2
Double engagement vertical	PHE 50GCVRSB	2	PHE 50GCVCOVER	2	PHE 50GCKIT	1	50GCVCTRKIT	1
Single engagement vertical	PHE 50GCVRSB	1	PHE 50GCVCOVER	1	PHE 50GCKIT	1	50GCVCTRKIT	–
	PHE 50GCSERSB	1	–	–	–	–	–	–
Single engagement vertical floating	PHE 50GCVRSB	1	PHE 50GCVCOVER	1	PHE 50GCKIT	2	50GCVCTRKIT	2
	PHE 50GCFERSB	1	–	–	–	–	–	–
	PHE 50GCVRSB	1	PHE 50GCVCOVER	1	PHE 50GCKIT	2	PHE 50GCFSHAFT .. MM	1
	PHE 50GCSERSB	1	–	–	–	–	–	–
Rigid flanged sleeve	PHE 50GCRRSB	2	–	–	PHE 50GCRKIT	1	–	–
Size 80 and above	PHE 80GCRRSB	2	–	–	PHE 80GCRKIT	1	PHE 80GCRRING	1

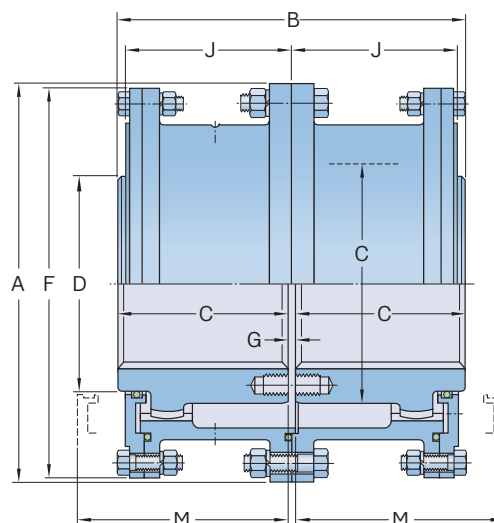
A complete gear coupling consists of: 2 hubs, 2 covers and 1 assembly kit.
Coupling size 80 and above consists of: 2 hubs, 1 male cover, 1 female cover and 1 assembly kit.
For bored to size designations, add bore size RSB. For example: PHE 50GCX500MM.
For shrouded bolt covers, use cover number, e.g. PHE 50GCCOVER and PHE 50SGCKIT for the assembly kit.
The assembly kit includes oil seals, gasket, bolts and lock-nuts.

Gear couplings

Double engagement



Size 10 to 70



Size 80 to 120

Size	Power per 100 r/min	Rated torque	Speed	Bore diameter		Dimensions								Gap G Min.	Lubricant mass	Coupling mass without bore
				Max.	Min.	A	B	C	D	F	H	J	M ¹⁾			
–	kW	Nm	r/min	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
10 GC	11.9	1139	8 000	13	50	116	89	43	69	84	14	39	51	3	0.04	5
15 GC	24.6	2 350	6 500	20	65	152	101	49	86	105	19	48	61	3	0.07	9
20 GC	44.7	4 270	5 600	26	78	178	127	62	105	126	19	59	77	3	0.12	16
25 GC	78.3	7 474	5 000	32	98	213	159	77	131	155	21.8	72	92	5	0.23	29
30 GC	127	12 100	4 400	38	111	240	187	91	152	180	21.8	84	107	5	0.36	43
35 GC	194	18 500	3 900	51	134	279	218	106	178	211	28.4	98	130	6	0.54	68
40 GC	321	30 609	3 600	64	160	318	248	121	210	245	28.4	111	145	6	0.91	97
45 GC	440	42 000	3 200	77	183	346	278	135	235	274	28.4	123	166	8	1.04	136
50 GC	593	56 600	2 900	89	200	389	314	153	254	306	38.1	141	183	8	1.77	190
55 GC	775	74 030	2 650	102	220	425	344	168	279	334	38.1	158	204	8	2.22	249
60 GC	947	90 400	2 450	115	244	457	384	188	305	366	25.4	169	229	8	3.18	306
70 GC	1 420	135 000	2 150	127	289	527	452	221	343	425	28.4	196	267	10	4.35	485
80 GC	1 780	170 000	1 750	102	266	591	508	249	356	572	–	243	300	10	9.53	703
90 GC	2 360	226 000	1 550	115	290	660	565	276	394	641	–	265	327	13	12.25	984
100 GC	3 250	310 000	1 450	127	320	711	623	305	445	699	–	294	356	13	14.97	1 302
110 GC	4 320	413 000	1 330	140	373	775	679	333	495	749	–	322	384	13	17.69	1 678
120 GC	5 810	555 000	1 200	153	400	838	719	353	546	826	–	341	403	13	20.87	2 114
130 GC	7 528	719 000	1 075	165	440	911	762	371	584	886	–	367	435	19	32.65	2 595
140 GC	9 539	911 000	920	175	460	966	806	393	635	940	–	378	457	19	33.1	3 107
150 GC	11 518	1 100 000	770	190	490	1 029	857	419	686	1 003	–	408	483	19	40.81	3 765
160 GC	13 715	1 310 000	650	250	525	1 111	908	441	736	1 086	–	419	502	25	43.08	4 708
180 GC	17 382	1 660 000	480	285	600	1 219	939	457	838	1 194	–	435	521	25	49.9	6 260
200 GC	22 406	2 140 000	370	315	660	1 359	1 099	537	927	1 306	–	514	635	25	68	8 582

¹⁾ Minimum clearance required for aligning coupling.

Double engagement couplings are designed for most horizontal, close coupled applications. This coupling accommodates both offset and angular misalignment, as well as end float.

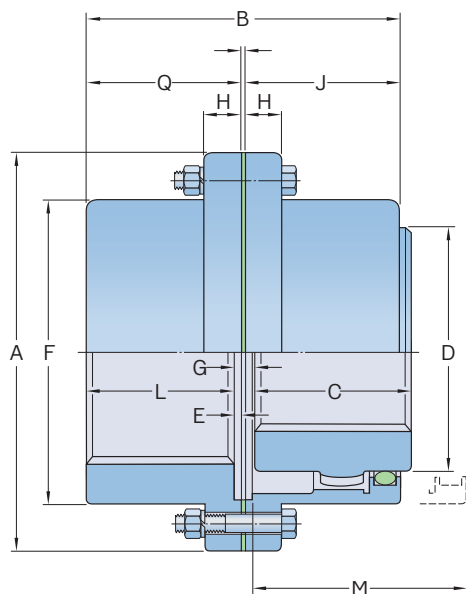
Applications include: fans, pumps, steel and paper mill drives, cranes and conveyors.

Bore tolerances will be K7 and key width (b) will be P9 (close fit) for coupling sizes 130 and bigger unless stated otherwise.

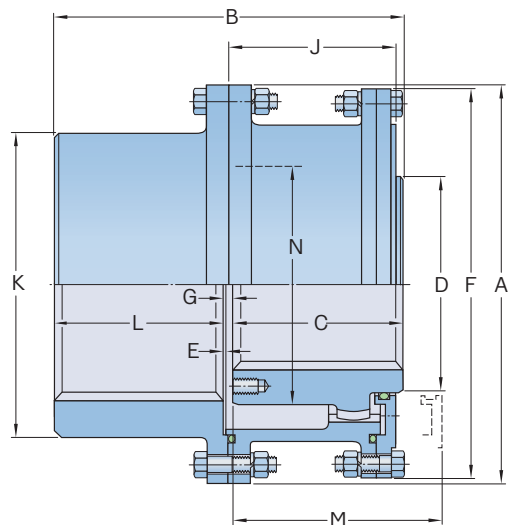
Weights are given, in kg, with minimum listed bore, excluding lubricant.

Gear couplings

Single engagement



Size 10 to 70



Size 80 to 120

Size	Power per 100 r/min	Rated torque	Speed	Bore diameter		Dimensions														Gap	Lubricant mass	Coupling mass without bore
				Flex hub	Se hub	A	B	C	D	E	F	H	J	K ¹⁾	L	M ²⁾	Q					
			Max.	Max.	Max.	Min.												G Min.				
–	kW	Nm	r/min	mm			mm											mm	kg			
10 GCSE	11.9	1 139	8 000	48	60	13	116	87.0	43	69	2.5	84	14.0	39	–	40	51	42	4	0.02	4.5	
15 GCSE	24.6	2 350	6 500	60	75	19	152	99.0	49	86	2.5	105	19.0	48	–	46	61	49	4	0.04	9.1	
20 GCSE	44.7	4 270	5 600	73	92	25	178	124.0	62	105	2.5	126	19.0	59	–	58	77	61	4	0.07	15.9	
25 GCSE	78.3	7 474	5 000	92	111	32	213	156.0	77	131	2.5	155	21.8	72	–	74	92	76	5	0.12	27.2	
30 GCSE	127.0	12 100	4 400	105	130	38	240	184.0	91	152	2.5	180	21.8	84	–	88	107	90	5	0.18	43.1	
35 GCSE	194.0	18 500	3 900	124	149	51	279	213.5	106	178	2.5	211	28.4	98	–	102	130	105	6	0.27	61.2	
40 GCSE	321.0	30 609	3 600	146	171	64	318	243.0	121	210	4.1	245	28.4	111	–	115	145	119	7	0.47	99.8	
45 GCSE	440.0	42 000	3 200	165	194	76	346	274.0	135	235	4.1	274	28.4	123	–	131	166	135	8	0.57	136.1	
50 GCSE	593.0	56 600	2 900	178	222	89	389	309.0	153	254	5.1	306	38.1	141	–	147	183	152	9	0.91	195.0	
55 GCSE	775.0	74 030	2 650	197	248	102	425	350.0	168	279	5.1	334	38.1	158	–	173	204	178	9	1.13	263.1	
60 GCSE	947.0	90 400	2 450	222	267	114	457	384.0	188	305	6.6	366	25.4	169	–	186	229	193	10	1.70	324.3	
70 GCSE	1 420.0	135 000	2 150	254	305	127	527	454.0	221	343	8.4	425	28.4	196	–	220	267	229	13	2.27	508.0	
80 GCSE	1 780.0	170 000	1 750	279	343	102	591	511.0	249	356	–	572	–	243	450.8	249	300	–	13	4.99	698.5	
90 GCSE	2 360.0	226 000	1 550	305	381	114	660	566.0	276	394	–	641	–	265	508.0	276	327	–	14	6.35	984.3	
100 GCSE	3 250.0	310 000	1 450	343	406	127	711	626.0	305	445	–	699	–	294	530.4	305	356	–	16	7.71	1 251.9	
110 GCSE	4 320.0	413 000	1 330	387	445	140	775	682.0	333	495	–	749	–	322	584.2	333	384	–	16	9.07	1 637.5	
120 GCSE	5 810.0	555 000	1 200	425	495	152	838	722.0	353	546	–	826	–	341	647.7	353	403	–	16	10.89	2 077.5	

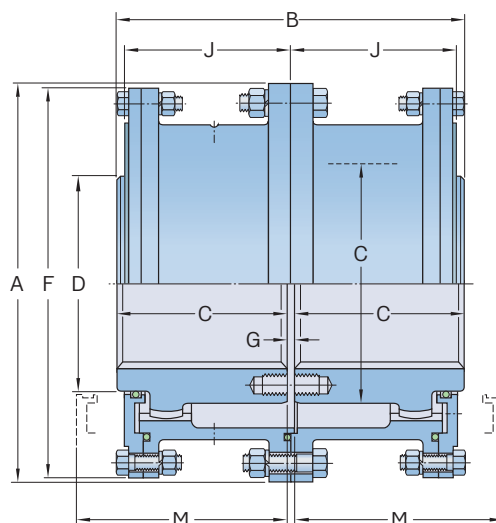
¹⁾ May be an "as cast" version depending on coupling size and bore.

²⁾ Minimum clearance required for aligning coupling.

These single engagement couplings are not designed for floating shaft applications and only accommodate angular misalignment.

Gear couplings

Double engagement, heat treated and alloy steel series



Size 80 to 160

Size	Rated torque ¹⁾		Speed	Bore diameter ²⁾		Coupling weight without bore
	Standard Material: C45	Heat treated (HT) Material: C45 HT	Max.	Min.	Max.	
–	kNm		r/min	mm		kg
80 GC	170	203.8	1750	101	266	703
90 GC	226	271.2	1550	114	290	984
100 GC	310	372	1450	127	320	1302
110 GC	413	495.6	1330	139	373	1678
120 GC	555	666	1200	152	400	2114
130 GC	719	862.1	1075	165	440	2595
140 GC	911	1092.5	920	175	460	3107
150 GC	1100	1320	770	190	490	3765
160 GC	1310	1570	650	250	525	4708
180 GC	1660	1985	480	285	600	6260
200 GC	2140	2565	370	315	660	8562

¹⁾ The figures for the HT and XP are indicative only.

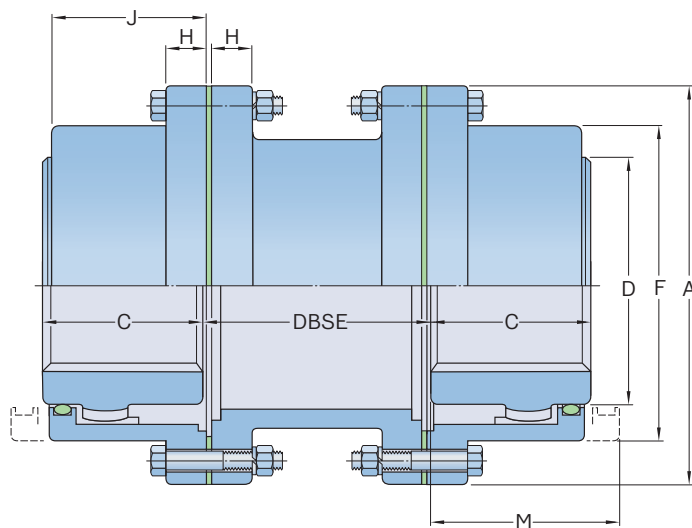
Applications for the HT and XP series couplings should be referred to SKF PTP for confirmation of both capacity and suitability for the specific application.

²⁾ Bore tolerances will be K7 unless stated otherwise. Key width (b) tolerance will be P9 (close fit). The maximum bores listed are for standard keyways to DIN6883/1 (up to and including 500 mm only). Above 500 mm bore, keyway dimensions MUST be specified as not covered by international standards. Shallow keys, when required, will be to DIN6885/3.

³⁾ Weights are given in kg, with the minimum listed bore, and excluding lubricant.

Gear couplings

Double engagement · Spacer



Size	Power per 100 r/min	Rated torque	Speed	DBSE			Bore diameter		Dimensions							Lubricant mass	Coupling mass without bore and min. bore
				Max.	Min.	Max.	Min.	Max.	A	C	D	F	H	J	M ¹⁾		
–	kW	Nm	r/min	mm											kg		
10 GCS	11.9	1 139	7 000	83	311	13	48	116	43	69	84	14.0	39	51	0.04	6.8	
15 GCS	24.6	2 350	5 500	83	311	19	60	152	49	86	105	19.0	48	61	0.07	13.6	
20 GCS	44.7	4 270	4 600	83	311	25	73	178	62	105	126	19.0	59	77	0.12	20.4	
25 GCS	78.3	7 474	4 000	95	311	32	92	213	77	131	155	21.8	72	92	0.23	38.6	
30 GCS	127.0	12 100	3 600	95	311	38	105	240	91	152	180	21.8	84	107	0.36	54.4	
35 GCS	194.0	18 500	3 100	120	311	51	124	279	106	178	211	28.4	98	130	0.54	88.5	
40 GCS	321.0	30 609	2 800	120	311	64	146	318	121	210	245	28.4	111	145	0.91	122.5	
45 GCS	440.0	42 000	2 600	120	311	76	165	346	135	235	274	28.4	123	166	1.04	165.6	
50 GCS	593.0	56 600	2 400	146	311	89	178	389	153	254	306	38.1	141	183	1.77	238.1	
55 GCS	775.0	74 030	2 200	146	311	102	197	425	168	279	334	38.1	158	204	2.22	306.2	
60 GCS	947.0	90 400	2 100	146	311	114	222	457	188	305	366	25.4	169	229	3.18	358.3	
70 GCS	1 420.0	135 000	1 800	146	311	127	254	527	221	343	425	28.4	196	267	4.35	562.5	

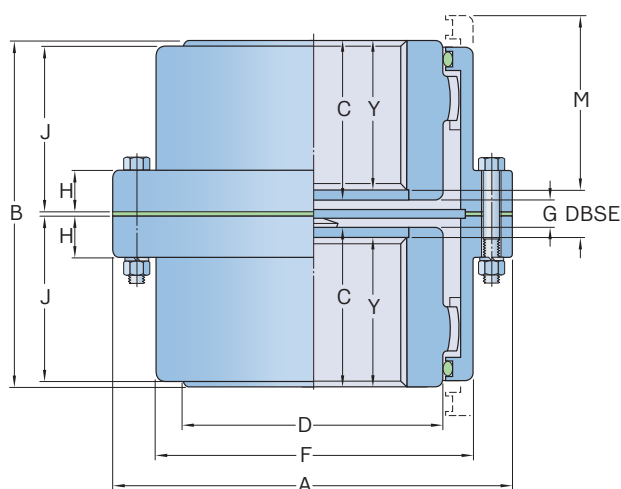
¹⁾ Minimum clearance required for aligning coupling.

Double engagement spacer couplings are designed for pump and compressor applications.

The coupling consists of a standard double engagement coupling and a spacer tube which is available in various lengths.

Gear couplings

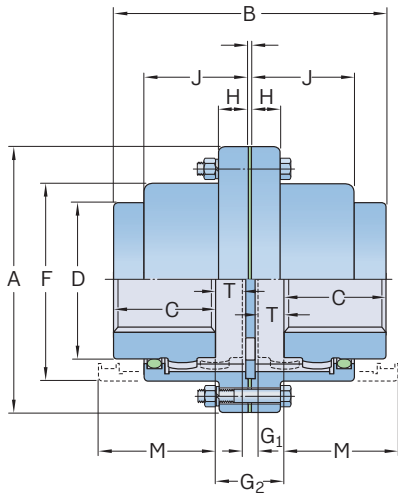
Double engagement · Vertical



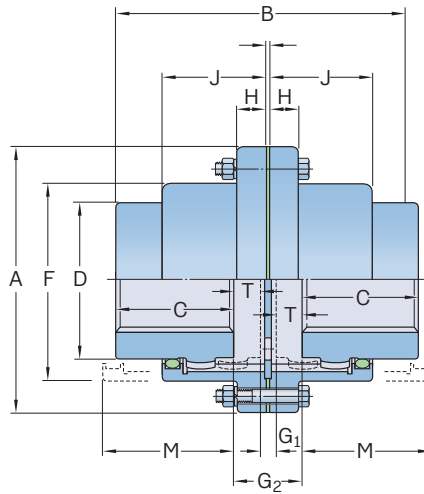
Size	Power per 100 r/min	Rated torque	Speed	Bore diameter		Dimensions										Gap		Lubricant mass	Coupling mass without bore
			Max.	Max.	Max.	A	B	C	D	F	H	J	M ¹⁾	Y	DBSE	G Min.			
–	kW	Nm	r/min	mm		mm										mm	kg		
10 GCV	11.9	1 139	8 000	13	48	116	89	43	69	84	14.0	39	51	32.5	24	11	0.04	5	
15 GCV	24.6	2 350	6 500	19	60	152	101	49	86	105	19.0	48	61	38.6	24	11	0.07	9	
20 GCV	44.7	4 270	5 600	25	73	178	127	62	105	126	19.0	59	77	51.3	24	11	0.12	16	
25 GCV	78.3	7 474	5 000	32	92	213	159	77	131	155	21.8	72	92	65.3	26	14	0.23	29	
30 GCV	127.0	12 100	4 400	38	105	240	187	91	152	180	21.8	84	107	79.8	26	14	0.36	43	
35 GCV	194.0	18 500	3 900	51	124	279	218	106	178	211	28.4	98	130	94.0	30	18	0.54	68	
40 GCV	321.0	30 609	3 600	64	146	318	248	121	210	245	28.4	111	145	105.9	35	22	0.91	97	
45 GCV	440.0	42 000	3 200	76	165	346	278	135	235	274	28.4	123	166	116.3	44	25	1.04	136	
50 GCV	593.0	56 600	2 900	89	178	389	314	153	254	306	38.1	141	183	134.6	44	25	1.77	190	
55 GCV	775.0	74 030	2 650	102	197	425	344	168	279	334	38.1	158	204	149.6	44	25	2.22	249	
60 GCV	947.0	90 400	2 450	114	222	457	384	188	305	366	25.4	169	229	168.1	48	29	3.18	306	
70 GCV	1 420.0	135 000	2 150	127	254	527	452	221	343	425	28.4	196	267	194.8	61	35	4.35	485	

¹⁾ Minimum clearance required for aligning coupling.

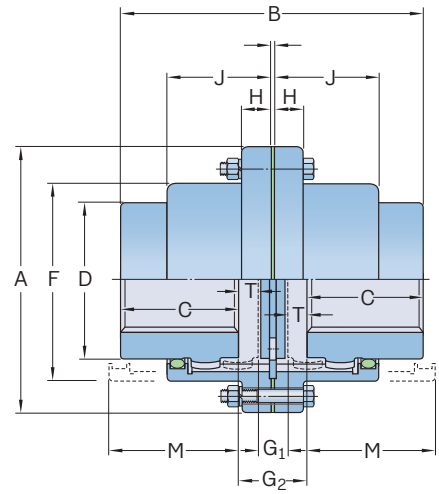
Gear couplings Double engagement · Slide



Type 1



Type 2



Type 3

Size	Power per 100 r/min	Rated torque	Speed	Dimensions		A	C	D	F	H	J	Lubricant mass	Coupling mass without bore
				Bore diameter									
			Max.	Min.	Max.								
–	kW	Nm	r/min	mm								kg	
10 GCSL	11.9	1 139	5 300	13	48	116	43	69	84	14.0	39	0.02	5
15 GCSL	24.6	2 350	4 300	19	60	152	49	86	105	19.0	48	0.04	9
20 GCSL	44.7	4 270	3 700	25	73	178	62	105	126	19.0	59	0.06	16
25 GCSL	78.3	7 474	3 300	32	92	213	77	131	155	21.8	72	0.11	29
30 GCSL	127.0	12 100	2 900	38	105	240	91	152	180	21.8	84	0.18	43
35 GCSL	194.0	18 500	2 600	51	124	279	106	178	211	28.4	98	0.27	68
40 GCSL	321.0	30 609	2 400	64	146	318	121	210	245	28.4	111	0.45	97
45 GCSL	440.0	42 000	2 100	76	165	346	135	235	274	28.4	123	0.51	136
50 GCSL	593.0	56 600	1 900	89	178	389	153	254	306	38.1	141	0.91	190
55 GCSL	775.0	74 030	1 800	102	197	425	168	279	334	38.1	158	1.13	249
60 GCSL	947.0	90 400	1 600	114	222	457	188	305	366	25.4	169	1.19	306
70 GCSL	1 420.0	135 000	1 400	127	254	527	221	343	425	28.4	196	2.18	485

Size	Type 1						Type 2						Type 3					
	B Max.	M ¹⁾	Half T Max.	Total	Gap G ₁	G ₂	B Max.	M ¹⁾	Half T Max.	Total	Gap G ₁	G ₂	B Max.	M ¹⁾	Half T Max.	Total	Gap G ₁	G ₂
–	mm						mm						mm					
10 GCSL	96	54	13	26	8	10	126	58	16	32	8	40	96	54	2.0	4	6	10
15 GCSL	127	60	10	20	8	29	152	69	23	46	8	54	127	60	7.5	15	14	29
20 GCSL	151	77	9	18	8	27	186	84	27	54	8	62	151	77	10.0	20	7	27
25 GCSL	188	93	12	24	9	34	231	102	34	68	9	78	188	93	6.0	12	21	34
30 GCSL	227	108	18	36	9	45	263	118	36	72	9	81	227	108	11.5	23	22	45
35 GCSL	274	124	25	50	11	61	313	135	45	90	11	102	274	124	14.0	28	33	61
40 GCSL	320	138	32	64	15	79	364	155	54	108	15	121	320	138	16.0	32	47	79
45 GCSL	355	154	35	70	16	86	406	163	60	120	16	136	355	154	19.0	38	47	86
50 GCSL	408	175	42	82	18	102	460	189	68	136	18	153	408	175	20.5	41	61	102
55 GCSL	470	191	58	116	18	134	510	221	78	156	18	174	470	191	21.0	42	92	134
60 GCSL	504	212	53	424	21	127	563	227	83	166	21	187	504	212	24.5	49	78	127
70 GCSL	592	245	62	490	26	150	669	235	99	198	26	223	592	245	27.0	54	96	150

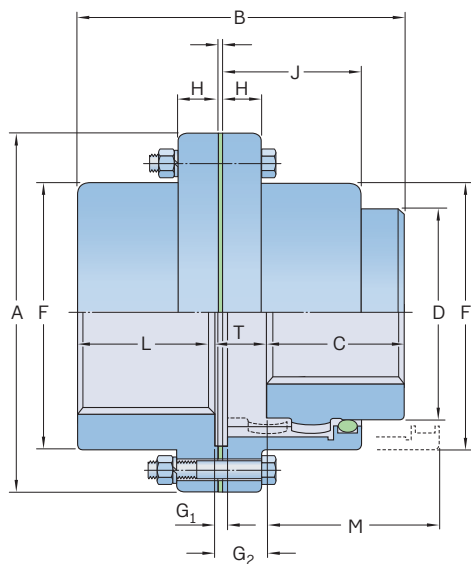
¹⁾ Minimum clearance required for aligning coupling.

Larger sizes available: contact SKF for details.

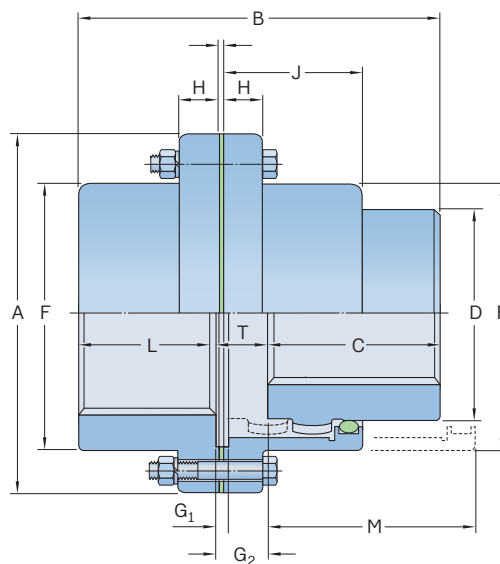
Double engagement slide couplings are designed for horizontal close coupled applications and are designed to accommodate thermal expansion of the shaft and large mechanical vibratory screens. These couplings are available with 3 different ranges of axial capabilities.

Gear couplings

Single engagement · Slide



Type 1



Type 2

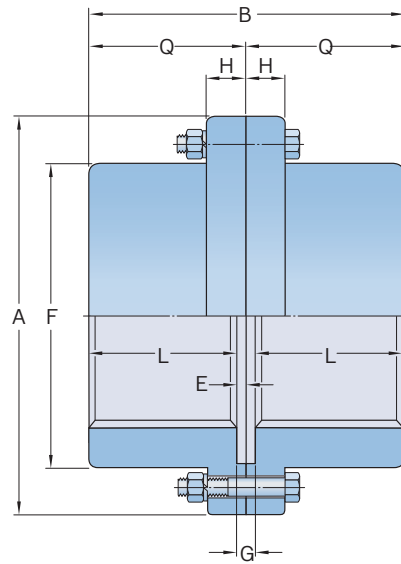
Size	Power per 100 r/min	Rated torque	Speed	Dimensions			A	C	D	F	H	J	L	Lubricant mass	Coupling mass without bore
			Max.	Bore diameter Flex hub Max.	Se hub Max.	Min.									
–	kW	Nm	r/min	mm			mm							kg	
10 GCSL	11.9	1 139	5 300	48	60	13	116	43	69	84	14.0	39	40	0.01	5
15 GCSL	24.6	2 350	4 300	60	75	19	152	49	86	105	19.0	48	46	0.02	9
20 GCSL	44.7	4 270	3 700	73	92	25	178	62	105	126	19.0	59	58	0.04	16
25 GCSL	78.3	7 474	3 300	92	111	32	213	77	131	155	21.8	72	74	0.06	29
30 GCSL	127.0	12 100	2 900	105	130	38	240	91	152	180	21.8	84	88	0.11	43
35 GCSL	194.0	18 500	2 600	124	149	51	279	106	178	211	28.4	98	102	0.18	68
40 GCSL	321.0	30 609	2 400	146	171	64	318	121	210	245	28.4	111	115	0.27	97
45 GCSL	440.0	42 000	2 100	165	194	76	346	135	235	274	28.4	123	131	0.34	136
50 GCSL	593.0	56 600	1 900	178	222	89	389	153	254	306	38.1	141	147	0.54	195
55 GCSL	775.0	74 030	1 800	197	248	102	425	168	279	334	38.1	158	173	0.73	263
60 GCSL	947.0	90 400	1 600	222	267	114	457	188	305	366	25.4	169	186	0.96	324
70 GCSL	1 420.0	135 000	1 400	254	305	127	527	221	343	425	28.4	196	220	1.36	510

Size	Type 1					Type 2				
	B Max.	M ¹⁾	T Max.	Gap G ₁	G ₂	B Max.	M ¹⁾	T Max.	Gap G ₁	G ₂
–	mm					mm				
10 GCSL	90.0	54	3.6	4	8	105	58	18.5	4	23
15 GCSL	112.0	60	12.7	4	17	125	69	25.4	4	30
20 GCSL	136.0	77	11.7	4	16	154	84	29.5	4	34
25 GCSL	170.0	93	14.5	5	19	192	102	36.3	5	41
30 GCSL	204.0	108	20.1	5	25	222	118	38.1	5	43
35 GCSL	241.0	124	27.2	6	33	262	135	47.8	6	53
40 GCSL	279.0	138	36.3	7	43	300	155	57.4	7	65
45 GCSL	315.0	154	38.9	8	47	338	163	64.0	8	72
50 GCSL	356.0	175	47.0	9	56	382	189	72.6	9	81
55 GCSL	412.5	191	63.0	9	72	433	221	83.1	9	92
60 GCSL	445.0	212	59.7	10	70	475	227	89.4	10	100
70 GCSL	524.0	245	70.4	13	83	560	235	106.7	13	119

¹⁾ Minimum clearance required for aligning coupling.
Larger sizes available: contact SKF for details.
These couplings are available with 2 different ranges of axial capabilities.

Gear couplings

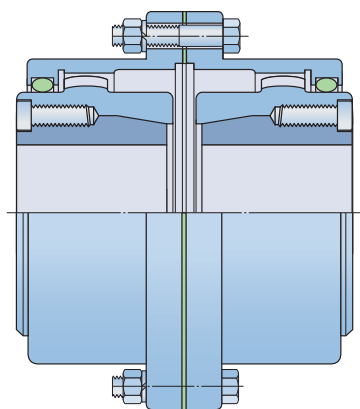
Rigid flanged sleeve



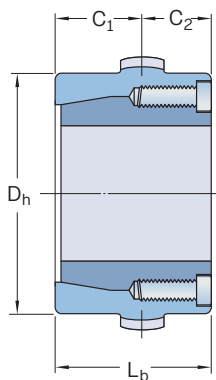
Size	Power per 100 r/min	Rated torque	Speed	Dimensions			A	B	E	F	H	L	Q	Gap	Coupling mass without bore
				Bore diameter										G	
			Max.	Min.	Max.										
–	kW	Nm	r/min	mm		mm								mm	kg
10 GCR	11.9	1 139	8 000	13	60	116	84.5	2.5	84	14.0	40.0	39	5	5	
15 GCR	24.6	2 350	6 500	19	75	152	97.5	2.5	105	19.0	46.0	48	5	9	
20 GCR	44.7	4 270	5 600	25	92	178	122.0	2.5	126	19.0	58.5	59	5	16	
25 GCR	78.3	7 474	5 000	32	111	213	152.5	2.5	155	21.8	73.5	72	5	28	
30 GCR	127.0	12 100	4 400	38	130	240	181.0	2.5	180	21.8	88.0	84	5	43	
35 GCR	194.0	18 500	3 900	51	149	279	209.0	2.5	211	28.4	102.0	98	5	68	
40 GCR	321.0	30 609	3 600	64	171	318	239.0	4.1	245	28.4	115.0	111	8	102	
45 GCR	440.0	42 000	3 200	76	194	346	269.0	4.1	274	28.4	130.5	123	8	140	
50 GCR	593.0	56 600	2 900	89	222	389	305.0	5.1	306	38.1	147.5	141	10	205	
55 GCR	775.0	74 030	2 650	102	248	425	355.5	5.1	334	38.1	172.5	158	10	280	
60 GCR	947.0	90 400	2 450	114	267	457	386.0	6.6	366	25.4	186.5	169	13	335	
70 GCR	1 420.0	135 000	2 150	127	305	527	457.0	8.4	425	28.4	220.0	196	17	536	
80 GCR	1 780.0	170 000	1 750	102	343	591	514.0	8.0	572	31.5	249.0	243	16	703	
90 GCR	2 360.0	226 000	1 550	114	381	660	568.0	8.0	641	38.0	276.0	265	16	984	
100 GCR	3 250.0	310 000	1 450	127	406	711	629.0	9.7	699	44.2	305.0	294	19	1 210	
110 GCR	4 320.0	413 000	1 330	140	445	775	686.0	9.7	749	50.8	333.0	322	19	1 610	
120 GCR	5 810.0	555 000	1 200	152	495	838	724.0	9.7	826	53.8	353.0	341	19	2 114	

Rigid flanged sleeve couplings are designed for horizontal, close coupled applications.
These are excellent high torque couplings to use where there is no need to accommodate misalignment.

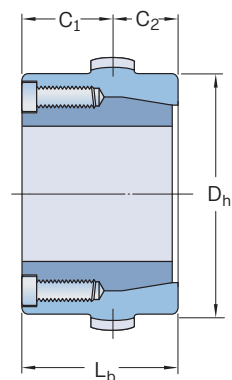
Gear couplings with taper bushing option



Gear coupling mounting in modified hubs



Type "F" mounting $C_1 > C_2$
(standard configuration)



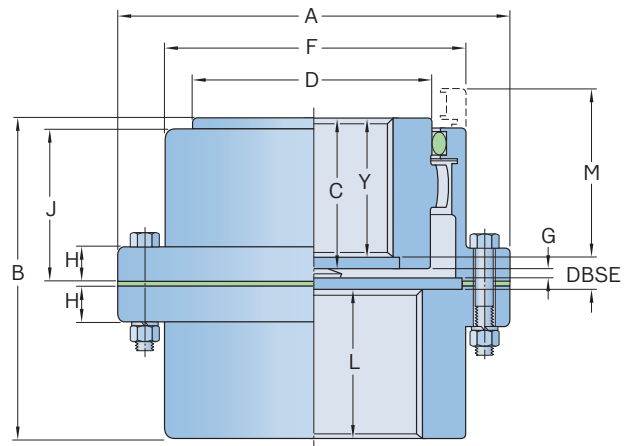
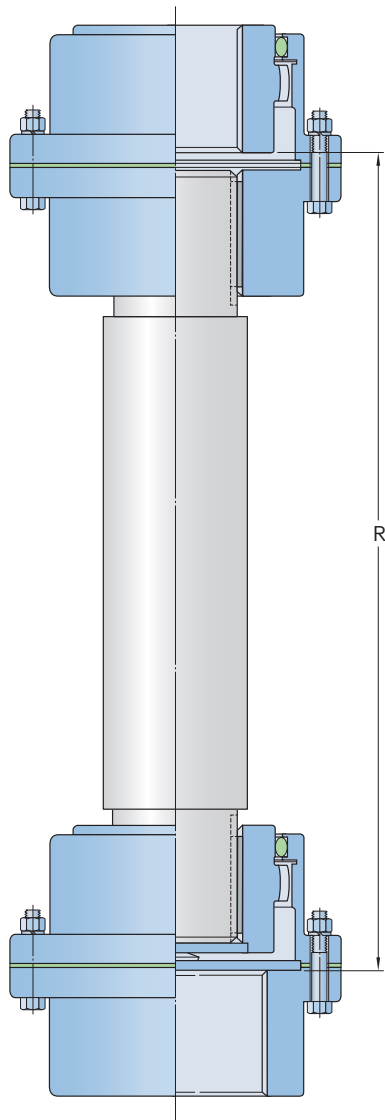
Type "H" mounting $C_1 > C_2$
(non-preferred, not available in all series)

Size	Taper bushing designation	Bushing torque capacity	Bore diameter range ¹⁾		Nominal hub length Lb	Hub diameter Dh
			Max.	Min.		
–	–	Nm	r/min	mm	mm	mm
10 GCTB	1 215	405	13	32	43	69
15 GCTB	1 615	485	13	42	53	88
20 GCTB	2 012	810	13	50	62	105
25 GCTB	2 525	1 275	25	65	77	131
30 GCTB	3 030	2 710	24	80	91	152
35 GCTB	3 535	5 060	32	91	107	178
40 GCTB	4 040	8 727	37	103	121	210

¹⁾ The taper bushing combination may be used in full flex-flex or flex-rigid configuration.

Gear couplings

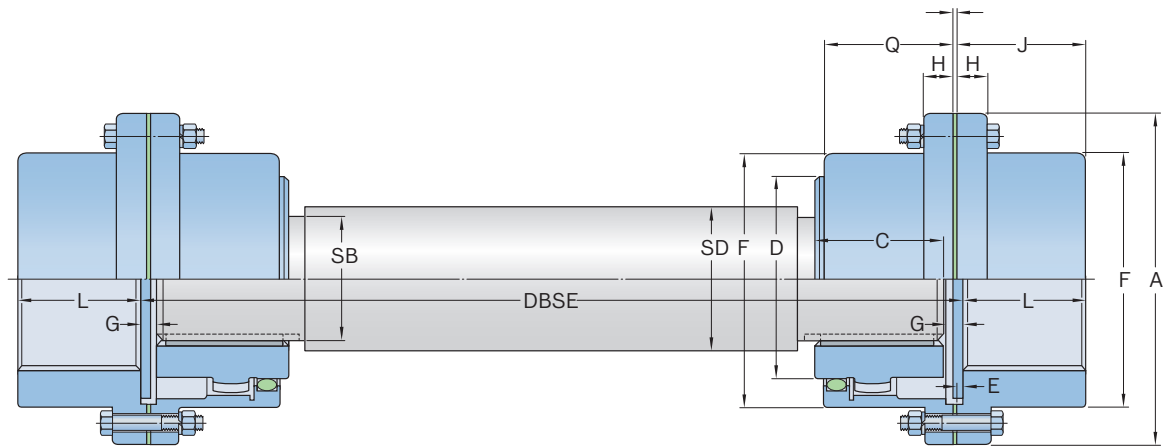
Single engagement · Vertical and floating shaft



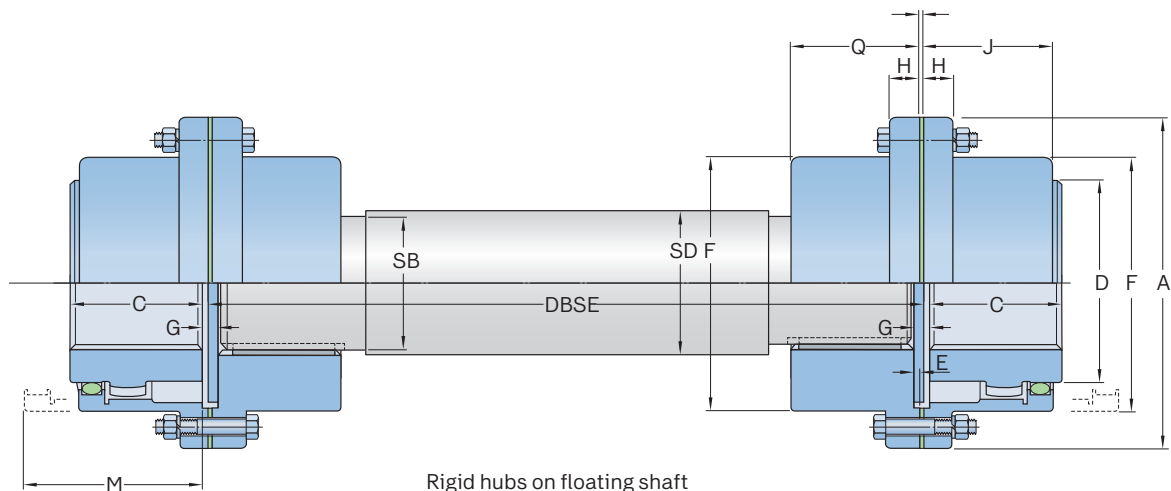
Size	Power per 100 r/min	Rated torque	Speed	Bore diameter			Dimensions												Gap	Lubricant mass	Coupling mass without bore
				Flex hub	Se hub		A	B	C	D	F	H	J	L	M	R	Y	DBSE			
			Max.	Max.	Max.	Min.															
–	kW	Nm	r/min	mm			mm												mm	kg	
10 GCV	11.9	1 139	7 000	48	60	13	116	87.0	43	69	84	14.0	39	40	51	132	32.5	14.7	4	0.02	4.5
15 GCV	24.6	2 350	5 500	60	75	19	152	99.0	49	86	105	19.0	48	46	61	152	38.6	14.7	4	0.04	9.1
20 GCV	44.7	4 270	4 600	73	92	25	178	124.0	62	105	126	19.0	59	58	77	183	51.3	14.7	4	0.07	15.9
25 GCV	78.3	7 474	4 000	92	111	32	213	156.0	77	131	155	21.8	72	74	92	218	65.3	16.3	5	0.12	27.2
30 GCV	127.0	12 100	3 600	105	130	38	240	184.0	91	152	180	21.8	84	88	107	248	79.8	16.3	5	0.18	43.1
35 GCV	194.0	18 500	3 100	124	149	51	279	213.5	106	178	211	28.4	98	102	130	298	94.0	18.0	6	0.27	61.2
40 GCV	321.0	30 609	2 800	146	171	64	318	243.0	121	210	245	28.4	111	115	145	340	105.9	22.0	7	0.47	99.8
45 GCV	440.0	42 000	2 600	165	194	76	346	274.0	135	235	274	28.4	123	131	166	388	116.3	26.7	8	0.57	136.1
50 GCV	593.0	56 600	2 400	178	222	89	389	309.0	153	254	306	38.1	141	147	183	424	134.6	27.7	9	0.91	195.0
55 GCV	775.0	74 030	2 200	197	248	102	425	350.0	168	279	334	38.1	158	173	204	464	149.6	27.7	9	1.13	263.1
60 GCV	947.0	90 400	2 100	222	267	114	457	384.0	188	305	366	25.4	169	186	229	522	168.1	30.9	10	1.70	324.3
70 GCV	1 420.0	135 000	1 800	254	305	127	527	454.0	221	343	425	28.4	196	220	267	615	194.8	39.1	13	2.27	508.0

Gear couplings

Single engagement · Floating shaft



Flex hub on floating shaft



Rigid hubs on floating shaft

Size	DBSE		Bore diameter			Dimensions								Gap	Lubricant mass	Coupling mass without bore
	Flex hub	Rigid hub	Flex hub	Rigid hub		A	C	D	F	H	J	L	M	G		
	Min.	Max.	Max.	Max.	Min.											
–	mm														kg	
10 GCFS	133	92	48	60	13	116	43	69	84	14.0	39	40	51	4	0.02	4.5
15 GCFS	159	105	60	75	19	152	49	86	105	19.0	48	46	61	4	0.04	9.1
20 GCFS	197	129	73	92	25	178	62	105	126	19.0	59	58	77	4	0.07	15.9
25 GCFS	241	162	92	111	32	213	77	131	155	21.8	72	74	92	5	0.12	27.2
30 GCFS	279	189	105	130	38	240	91	152	180	21.8	84	88	107	5	0.18	43.1
35 GCFS	324	219	124	149	51	279	106	178	211	28.4	98	102	130	6	0.27	61.2
40 GCFS	419	248	146	171	64	318	121	210	245	28.4	111	115	145	7	0.47	99.8
45 GCFS	508	281	165	194	76	346	135	235	274	28.4	123	131	166	8	0.57	136.1
50 GCFS	533	316	178	222	89	389	153	254	306	38.1	141	147	183	9	0.91	195.0
55 GCFS	572	367	197	248	102	425	168	279	334	38.1	158	173	204	9	1.13	263.1
60 GCFS	597	397	222	267	114	457	188	305	366	25.4	169	186	229	10	1.70	324.3
70 GCFS	673	470	254	305	127	527	221	343	425	28.4	196	220	267	13	2.27	508.0

Disc couplings

The SKF disc coupling is the ideal solution in medium to high torque applications that require torsional rigidity, offer some allowance for misalignment, and do not require lubrication. These applications typically have a capacity range up to 178 kNm in a range of configurations including single disc, double disc, and spacer for both horizontal and vertical mounting. Standard shaft capacities are up to 289 mm.

The SKF disc coupling consists of two hubs and a laminated stainless steel disc pack secured by a series of fitted bolts retained by nylon insert lock nut nuts.

For spacer units, the spacer length is held between two disc pack sets.

Single disc units can accommodate angular (α) offset only. Double disc pack units, with a spacer, will allow for angular (α), parallel (δ), or combined offset. Both configurations will also allow for some axial (δ) movement.

The disc pack, or spacer may be removed and re-installed radially, meaning the prime mover and driven machine need not be moved at all.

The all-steel machined components allow for high speed applications to be handled with ease. With two-plane dynamic balancing, higher speeds are often permissible.

Hubs are carried with pilot bores so that boring to requirements is easy. In addition, where zero backlash is required, the use of the SKF FX Keyless Bushing is a simple and economical solution.

The SKF Disc Coupling offers the following benefits:

- Medium to high torque capability
- Cost effective (v torque and size)
- No lubrication required
- No frictional or energy losses
- Quiet operation (no meshing)
- Zero backlash
- Angular misalignment (α)
- Parallel offset (β) with spacer / double disc pack configuration only
- High speed capability (may require dynamic balancing over 50 m/s)
- Limited end-float / axial movement (δ)
- Temperature-tolerant (generally up to 250 °C)
- Low inertia / mass MK^2 (when compared with other metallic-type couplings)
- Various hub designs, including short or inverted hub
- Standard spacer lengths to ANSI and ISO standards generally available
- Available with longer tubular spacers (steel or composite in some instances)
- Ease of mounting / alignment and maintenance

Coupling types

The SKF Disc Coupling is available in 2 basic configurations:

- Single disc
- Double disc
 - Short spacer
 - Standard spacer
 - Custom spacer
 - Floating horizontal
 - Floating vertical

Order data

Coupling type	Hubs				Disc pack		Bolt kit		Vertical kit		Spacer / Vertical kit (VKIT)	
–	Solid bore	Qty	Bored to size	Qty	–	Qty		Qty		Qty		Qty
Single-flex (W4)	PHE W4-15HUBRSB	2	or	PHE W4-15HUB...MM	2	PHE W4-15DPACK	1	PHE W4-15KIT	1	–	–	–
Double-flex (W4), with spacer	PHE W4-15HUBRSB	2	or	PHE W4-15HUB...MM	2	PHE W4-15DPACK	2	PHE W4-15KIT	2	–	PHE W4-15X...MM	1
Double-flex floating	PHE W6-35HUBRSB	2	or	PHE W6-35HUB...MM	2	PHE W6-35DPACK	2	PHE W6-35KIT	2	–	PHE W6-35FSX...MM	1
Double-flex semi-floating	PHE W6-35HUBRSB	2	or	PHE W6-35HUB...MM	2	PHE W6-35DPACK	1	PHE W6-35KIT	1	–	PHE W6-35SFSSPX...MM	1
Single-flex (vertical)	PHE W4-15HUBRSB	2	or	PHE W4-15HUB...MM	2	PHE W4-15DPACK	1	PHE W4-15KIT	1	PHE W4-15VKIT	1	–
Double-flex (vertical) with spacer	PHE W6-35HUBRSB	2	or	PHE W6-35HUB...MM	2	PHE W6-35DPACK	2	PHE W6-35KIT	2	PHE W6-35VKIT	1	PHE W6-35X...MM
Double-flex floating (vertical)	PHE W6-35HUBRSB	2	or	PHE W6-35HUB...MM	2	PHE W6-35DPACK	2	PHE W6-35KIT	2	PHE W6-35VKIT	1	PHE W6-35FSX...MM

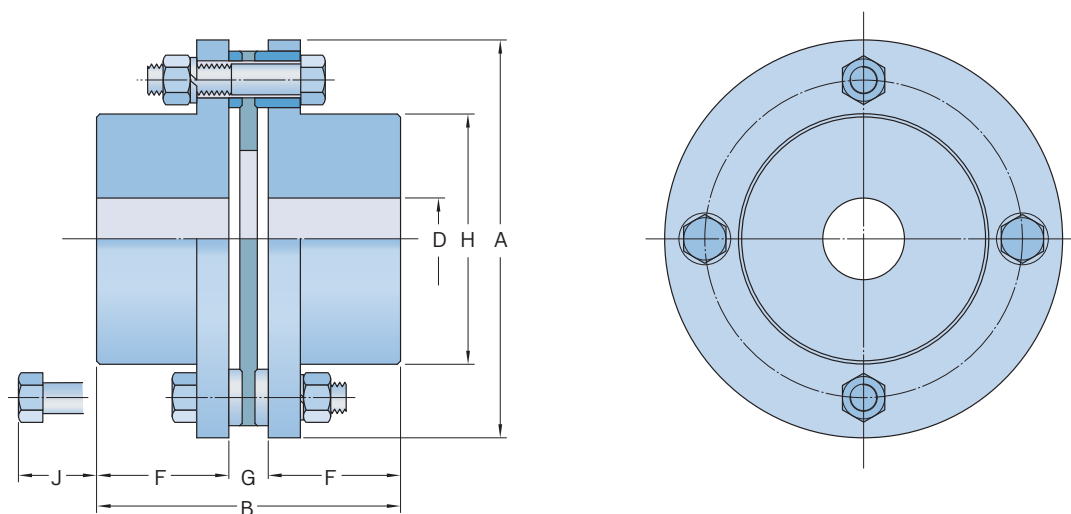
The complete coupling designation consists of the series, size and bore details. If bore is not specified, solid bore (RSB) is supplied, for example: PHE W6D-35x50MMx50MM or PHE W6D-45x350MMx50x50MM, where 350 mm is the required DBSE.

Unless specified, bore tolerance will be H7.

Option of taper bushing in the hub (mounting type F) is available on request. Note that coupling capacity may be reduced due to the taper bushing capacity. FX Keyless bushings are also an option in some cases. Please, refer to SKF for details on both options.

For bored to size designations, add bore size. For example: PHE W4D-45X50MMX45MM.

Disc couplings
W4 – 4 Bolt single



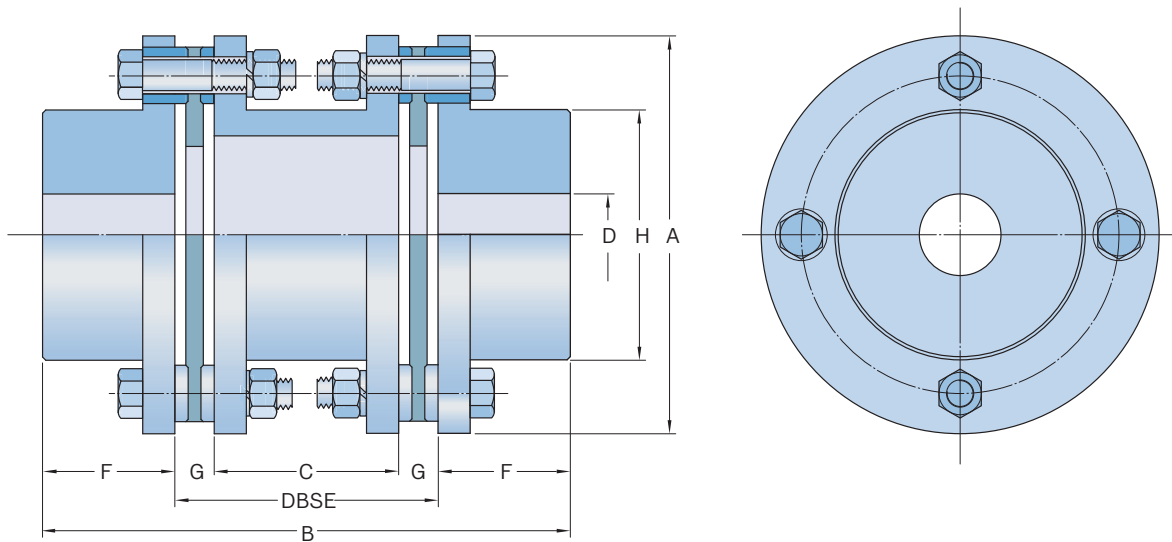
Size	Rated torque	Speed ¹⁾	Bore diameter		Dimensions						Tightening torque	Coupling weight without bore and min. DBSE
		Max.	D Min.	Max.	A	B	F	G	H	J		
–	Nm	r/min	mm								Nm	kg
5	34.3	10 000	8	23	67	55.8	25	5.8	33	16	9	0.6
10	90	10 000	10	32	81	57.1	25	7.1	46	16	9	1.1
15	176	10 000	10	35	93	66.4	29	8.4	51	24	22	1.7
20	245	10 000	10	42	104	79	34	11	61	30	22	2.5
25	421	8 300	16	50	126	93.2	41	11.2	71	27	41	4.3
30	774	7 300	16	58	143	108.5	48	12.5	84	28	72	6.9
35	1 274	6 200	25	74	168	130	57	16	106	26	72	11.3
40	2 058	5 400	25	83	194	145	64	17	118	30	160	16.7
45	3 332	4 900	45	95	214	174.8	76	22.8	137	34	160	22.7
50	4 900	4 200	50	109	246	202	89	24	156	26	220	35.4
55	6 370	3 800	50	118	276	230	102	26	169	42	570	52

¹⁾ If higher speed required, contact SKF

²⁾ For dimension C in type 4F, this varies depending on spacer length

³⁾ For coupling weight in type 4F, this varies depending on spacer length

Disc couplings
W4 – 4 Bolt double



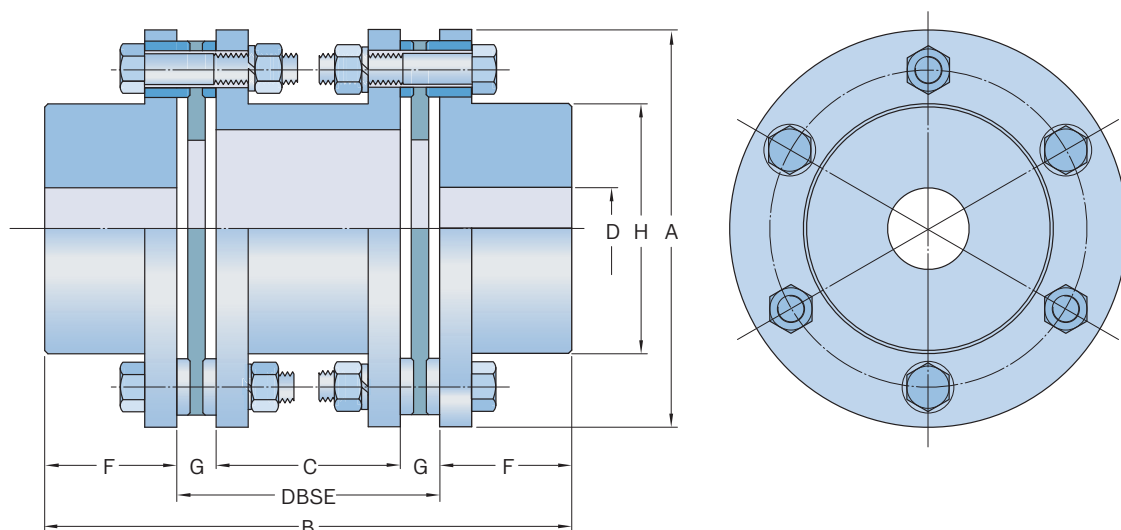
Size	Rated torque	Speed ¹⁾	Bore diameter		Dimensions		DBSE Min.	Max. ⁴⁾	C ²⁾	F	G	H	J	Tightening torque	Coupling mass without bore and min. DBSE ³⁾
		Max.	D Min.	Max.	A	B									
–	Nm	r/min	mm											Nm	kg
05	33.3	10 000	8	23	67	B = 2 · F · DBSE	36	200	24	25	5.8	33	16	9	1.1
10	90.2	10 000	10	32	81		39	200	25	25	7.1	46	16	9	1.7
15	176	10 000	10	35	93		47	250	30	29	8.4	51	24	22	2.7
20	245	10 000	10	42	104		53	250	31	34	11	61	30	22	6.6
25	421	8 300	16	50	126		62	300	40	41	11.2	71	27	41	6.6
30	774	7 300	16	58	143		69	300	44	48	12.5	84	28	72	10.3
35	1 274	6 200	25	74	168		78	300	46	57	16	106	26	72	15.6
40	2 058	5 400	25	83	194		89	350	55	64	17	118	30	160	24
45	3 332	4 900	45	90	214		97	350	51	76	22.8	137	34	160	31.5
50	4 900	4 200	50	109	246		109	350	61	89	24	156	26	220	48.4
55	5 880	3 800	50	118	276		134	400	82	102	26	169	42	570	73.9

¹⁾ Higher speeds may be permissible if system is dynamically balanced (with finished bores only)

²⁾ For dimension C in type 4F, this varies depending on spacer length

³⁾ For coupling weight in type 4F, this varies depending on spacer length

⁴⁾ Preferred standard spacer lengths to both ISO and ANSI standards are available



Size	Rated torque	Speed ¹⁾	Bore diameter		Dimensions		DBSE Min.	Max. ⁴⁾	C ²⁾	F	G	H	Tightening torque	Coupling weight without bore and min. DBSE ³⁾
		Max.	D Min.	Max.	A	B								
–	Nm	r/min	mm										Nm	kg
00	569	8 300	8	51	119		60	97	39.4	54	10.3	74	22	6
01	922	7 300	8	55	137		72	110	50	63	11	81	41	9.1
02	1 710	6 200	8	67	161		90	129	66	74	12	97	72	16.9
03	3 340	5 400	8	72	180		109	141	81	80	14	104	160	21.6
04	6 210	4 900	8	85	212		118	150	84	95	17	124	220	35.1
05	6 080	3 800	8	111	276		153	255	118	112	17.5	161	220	65.1
10	8 240	3 800	10	111	276	B = 2F + DBSE	153	258	115	112	19	161	220	66.1
15	10 700	3 400	10	133	308		172	278	134	134	19	193	440	107.8
20	17 800	3 000	10	152	346		191	283	146	153	22.5	218	570	156.8
25	26 400	2 800	16	165	375	B = 2F + DBSE	223	308	167	165	28	240	1 100	211.8
30	33 400	2 500	16	178	410		254	319	192	178	31	258	1 500	274.8
35	39 900	2 300	25	187	445		270	349	208	188	31	272	1 700	333
40	46 300	2 200	25	205	470	B = 2F + DBSE	274	342	206	206	34	297	1 700	400
45	59 800	2 000	45	231	511		287	364	216	231	35.5	334	1 700	525
50	74 700	2 000	50	254	556		292	365	218	254	37	364	3 000	676
55	92 600	2 000	50	263	587		311	406	236	364	37.5	382	3 500	803

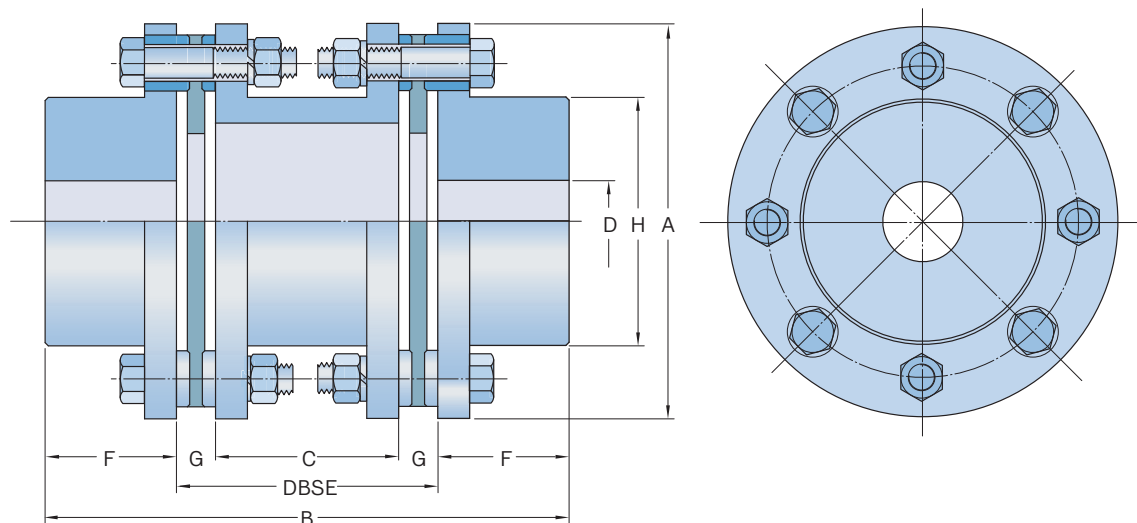
¹⁾ Higher speeds may be permissible if system is dynamically balanced (with finished bores only)

²⁾ For dimensions B, C in type 6F, this varies depending on spacer length

³⁾ For coupling weight in type 4F, this varies depending on spacer length

⁴⁾ Preferred standard spacer lengths to both ISO and ANSI standards are available

Disc couplings
W8 – 8 Bolt double



Size	Rated torque	Speed ¹⁾	Bore diameter		Dimensions				C ²⁾	F	G	H	Tightening torque	Coupling weight without bore and min. DBSE ³⁾
		Max.	D Min.	Max.	A	B	DBSE Min.	Max. ⁴⁾						
–	Nm	r/min	mm										Nm	kg
01	3 840	4 900	8	95	214	B = 2F - DBSE	117	240	92.6	108	12.2	137	72	38
03	7 120	4 200	8	108	246		127	269	99.6	121	13.7	156	160	56
05	8 970	3 800	8	111	276		153	255	118	134	17.5	161	220	73
10	11 800	3 800	10	111	276		153	258	115	134	19	161	220	74
15	15 400	3 400	10	133	308		172	278	134	160	19	193	440	120
20	25 600	3 000	10	152	346		191	283	148	183	21.5	218	570	175
25	37 800	2 800	16	165	375		223	306	175	198	24	240	1 100	234
30	47 800	2 500	16	178	410		254	319	195	214	29.5	258	1 500	305
35	57 100	2 300	25	187	445		270	339	211	225	29.5	272	1 700	368
40	64 400	2 200	25	205	470		274	342	212	247	31	297	1 700	448
45	83 700	2 000	45	231	511	287	364	223	278	32	334	1 700	592	
50	103 000	2 000	50	254	556	292	365	227	305	32.5	364	3 000	762	
55	128 000	2 000	50	263	587	311	406	243	317	34	382	3 500	902	

¹⁾ Higher speeds may be permissible if system is dynamically balanced (with finished bores only)

²⁾ For dimension C in type 4F, this varies depending on spacer length

³⁾ For coupling weight in type 4F, this varies depending on spacer length

⁴⁾ Preferred standard spacer lengths to both ISO and ANSI standards are available

Floating shaft disc couplings

SKF Floating shaft disc couplings transmit power between widely separated machine shafts, or where large parallel misalignment exists.

Allowable rotational speeds are determined, and limited, by the span and the balance condition of the coupling system. Balancing is necessary for high speeds and long shafts as indicated in the following tables 1 to 3.

Disc floating shaft couplings are also available for vertical applications with

- 1 Do not use floating shaft couplings with long, overhanging shafts.
- 2 Consult SKF for spans greater than 6 000 mm, or for speeds in excess of those indicated in the tables.

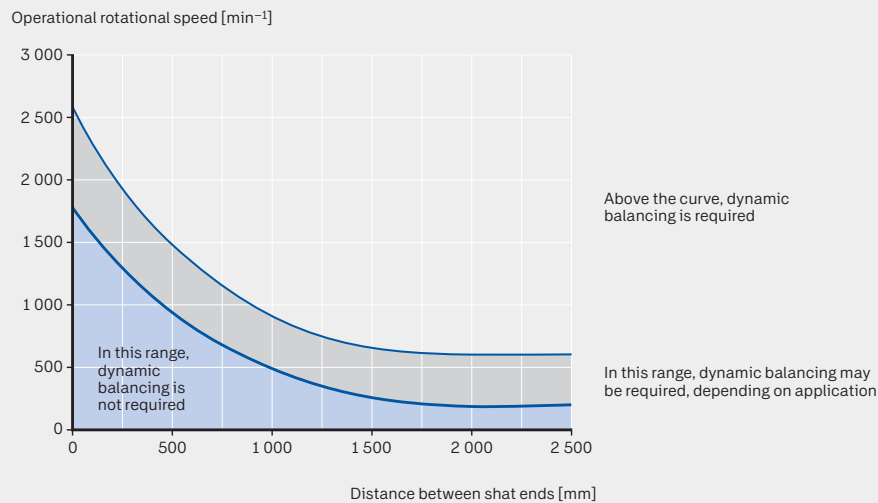


Table 1

W4F Speed

Size	Bore Max.	Maximum distance between shaft ends (BE max) for various speeds								
		1800	1500	1200	1000	900	750	720	600	500
–	r/min	r/min								
010	32	1 610	1 760	1 970	2 160	2 280	2 500	2 550	2 790	3 060
015	35	1 690	1 850	2 070	2 270	2 390	2 620	2 670	2 930	3 210
020	42	1 880	2 050	2 300	2 520	2 650	2 910	2 970	3 250	3 560
025	50	2 010	2 210	2 470	2 700	2 850	3 120	3 190	3 490	3 830
030	58	2 220	2 430	2 720	2 980	3 140	3 440	3 510	3 850	4 210
035	74	2 500	2 740	3 060	3 350	3 540	3 870	3 950	4 330	4 750
040	83	2 690	2 950	3 300	3 610	3 800	4 180	4 250	4 660	5 120
045	95	2 890	3 170	3 540	3 880	4 090	4 490	4 570	5 010	5 500
050	109	3 100	3 400	3 800	4 160	4 390	4 820	4 910	5 370	5 900
055	118	3 230	3 540	3 960	4 330	4 560	5 010	5 100	5 590	–

For BE dimensions over 6 000 mm, please contact SKF
Floating shaft couplings should not be used with long overhang shafts

Table 2

W6F Speed

Size	Bore	Maximum distance between shaft ends (BE max) for various speeds								
	Max.	1 800	1 500	1 200	1 000	900	750	720	600	500
–	r/min	r/min								
000	51	2 010	2 210	2 470	2 700	2 850	3 120	3 190	3 490	3 830
001	55	2 220	2 430	2 720	2 980	3 140	3 440	3 510	3 850	4 210
002	67	2 500	2 740	3 060	3 350	3 540	3 870	3 950	4 330	4 750
003	72	2 890	3 170	3 540	3 880	4 090	4 490	4 570	5 010	5 500
004	85	3 100	3 400	3 800	4 160	4 390	4 820	4 910	5 370	5 900
005	111	3 100	3 400	3 800	4 160	4 390	4 820	4 910	5 370	5 900
010	111	3 100	3 540	3 800	4 160	4 390	4 820	4 910	5 370	5 900
015	133	3 230	3 540	3 960	4 330	4 560	5 010	5 100	5 590	–
020	152	3 720	4 070	4 560	4 990	5 250	5 770	5 880	–	–
025	165	3 720	4 070	4 560	4 990	5 250	5 770	5 880	–	–
030	178	3 860	4 030	4 510	4 940	5 200	5 710	5 810	–	–
035	187	4 140	4 540	5 070	5 560	5 850	–	–	–	–
040	205	4 140	4 540	5 070	5 560	5 850	–	–	–	–
045	231	4 530	4 960	5 540	–	–	–	–	–	–
050	254	4 790	5 240	5 860	–	–	–	–	–	–
055	263	4 790	5 240	5 860	–	–	–	–	–	–

For BE dimensions over 6 000 mm, please contact SKF
Floating shaft couplings should not be used with long overhang shafts

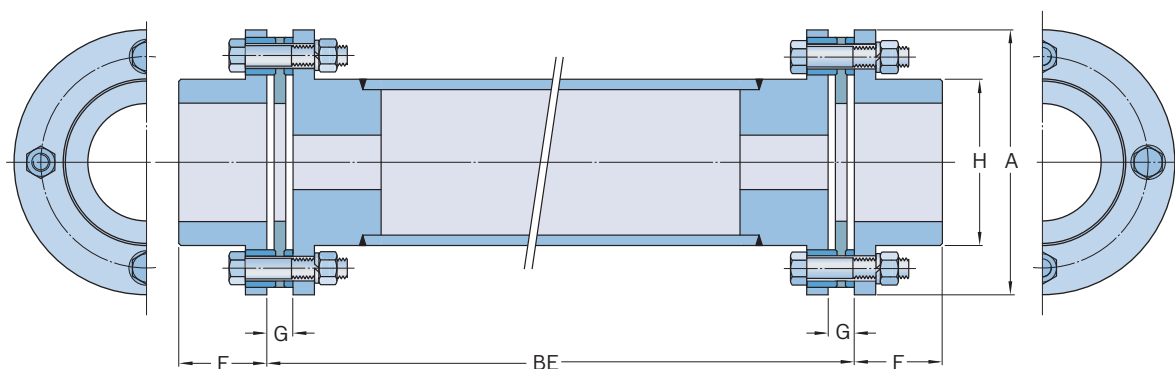
Table 3

W8F Speed

	Max.	1 800	1 500	1 200	1 000	900	750	720	600	500
–	r/min	r/min								
001	95	2 890	3 170	3 540	3 880	4 090	4 490	4 570	5 010	5 500
003	108	3 100	3 400	3 800	4 160	4 390	4 820	4 910	5 370	5 900
005	111	3 100	3 400	3 800	4 160	4 390	4 820	4 910	5 370	5 900
010	111	3 100	3 400	3 800	4 160	4 390	4 820	4 910	5 370	5 900
015	133	3 230	3 450	3 960	4 330	4 560	5 010	5 100	5 590	–
020	152	3 720	4 070	4 560	4 990	5 250	5 770	5 880	–	–
025	165	3 680	4 030	4 510	4 940	5 200	5 710	5 810	–	–
030	178	3 680	4 030	4 510	4 940	5 200	5 710	5 810	–	–
035	187	4 100	4 490	5 020	5 500	5 790	–	–	–	–
040	205	4 100	4 490	5 020	5 500	5 790	–	–	–	–
045	231	4 480	4 900	5 480	6 010	–	–	–	–	–
050	254	4 730	5 180	5 800	–	–	–	–	–	–
055	263	4 730	5 180	5 800	–	–	–	–	–	–

For BE dimensions over 6 000 mm, please contact SKF
Floating shaft couplings should not be used with long overhang shafts

Disc couplings W4 FH – Floating shaft



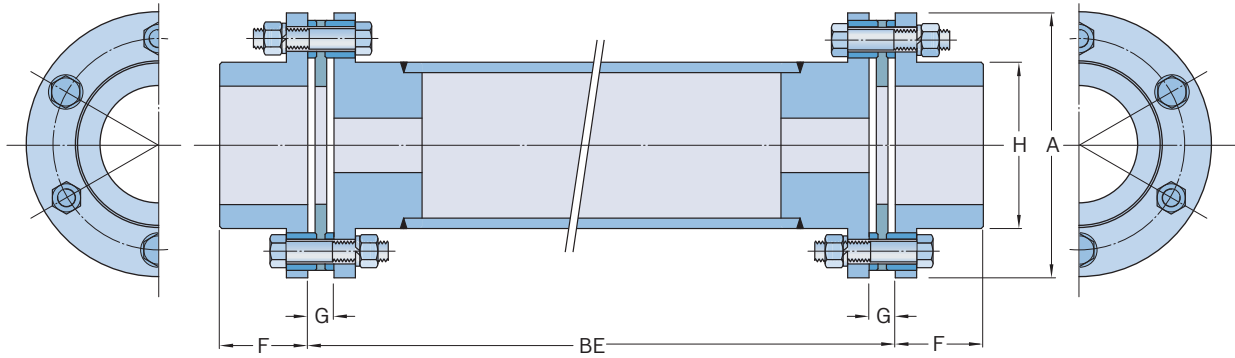
Size	Rated torque ²⁾	Speed ¹⁾ Max.	Bore diameter		Dimensions							Tightening torque	Coupling weight without bore and min. DBSE
			D Min.	Max.	A	BE ³⁾ Min.	F	G	H	J	C		
–	Nm	r/min	mm									Nm	kg
10 FH	90.2	10 000	10	32	81	72	25	7.1	46	16	Dimension varies on BE required	9	Weight varies on length of spacer C
15 FH	176.0	10 000	10	35	93	76	29	8.4	51	24		22	
20 FH	245.0	10 000	10	42	104	88	34	11.0	61	30		22	
25 FH	421.0	8 300	16	50	126	99	41	11.2	71	27		41	
30 FH	774.0	7 300	16	58	143	111	48	12.5	84	28		72	
35 FH	1 274.0	6 200	25	74	168	142	57	16.0	106	26		72	
40 FH	2 058.0	5 400	25	83	194	154	64	17.0	118	30		160	
45 FH	3 332.0	4 900	45	90	214	183	76	22.8	137	34		160	
50 FH	4 900.0	4 200	50	109	246	211	89	24.0	156	26		220	
55 FH	5 880.0	3 800	50	118	276	234	102	26.0	169	42		570	

¹⁾ Maximum rotational speed (r/min) is based on parallel misalignment no more than 2/1 000

²⁾ Rated torque is a maximum figure

³⁾ For BE dimensions over 6 000 mm, please contact SKF

Disc couplings
W6 FH – Floating shaft

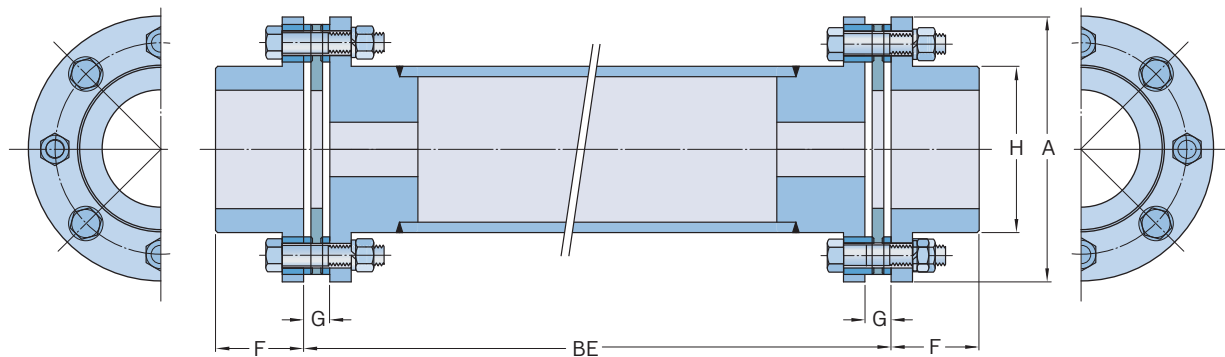


Size	Rated torque ²⁾	Speed ¹⁾	Bore diameter		Dimensions					Tightening torque	Coupling weight without bore and min. DBSE
		Max.	D Min.	Max.	A	BE	F	G	H		
–	Nm	r/min	mm							Nm	kg
00 FH	569	26 000	8	51	119	60	54	10.3	74	22	6.0
01 FH	922	23 000	8	55	137	72	63	11.0	81	41	9.1
02 FH	1 710	19 000	8	67	161	90	74	12.0	97	72	16.9
03 FH	3 340	17 000	8	72	180	109	80	14.0	104	160	21.6
04 FH	6 210	15 000	8	85	212	118	95	17.0	124	220	35.1
05 FH	6 080	11 600	8	111	276	153	112	17.5	161	220	65.1
10 FH	8 240	11 600	10	111	276	153	112	19.0	161	220	66.1
15 FH	10 700	10 300	10	133	308	172	134	19.0	193	440	107.8
20 FH	17 800	9 200	10	152	346	191	153	22.5	218	570	156.1
25 FH	26 400	8 500	16	165	375	223	165	28.0	240	1 100	211.8
30 FH	33 400	7 800	16	178	410	254	178	31.0	258	1 500	274.5
35 FH	39 900	7 200	25	187	445	270	188	31.0	272	1 700	333.3
40 FH	46 300	6 800	25	205	470	274	206	34.0	297	1 700	399.2
45 FH	59 800	6 200	45	231	511	287	231	35.5	334	1 700	525.3
50 FH	74 700	5 700	50	254	556	292	254	37.0	364	3 000	676.3
55 FH	92 600	5 400	50	263	587	311	263	37.5	382	3 500	803.4

¹⁾ Maximum rotational speed (r/min) is based on parallel misalignment no more than 2/1 000

²⁾ Rated torque is a maximum figure

Disc couplings
W8 FH – Floating shaft



Size	Rated torque ²⁾	Speed ¹⁾ Max.	Bore diameter		Dimensions					Tightening torque	Coupling weight without bore and min. DBSE
			D Min.	Max.	A	BE ⁴⁾	F	G	H		
–	Nm	r/min	mm							Nm	kg
01FH	3 840	15 000	8	51	119	240	54	10.3	74	22	6.0
03FH	7 120	13 000	8	55	137	269	63	11.0	81	41	9.1
05FH	8 970	11 600	8	67	161	255	74	12.0	97	72	16.9
10FH	11 800	11 600	8	72	180	258	80	14.0	104	160	21.6
15FH	15 400	10 300	8	85	212	278	95	17.0	124	220	35.1
20FH	25 600	9 200	10	111	276	283	112	17.5	161	220	65.1
25FH	37 800	8 500	16	111	276	308	112	19.0	161	220	66.1
30FH	47 800	7 800	16	133	308	319	134	19.0	193	440	107.8
35FH	57 100	7 200	25	152	346	339	153	22.5	218	570	156.1
40FH	64 400	6 800	25	165	375	342	165	28.0	240	1100	211.8
45FH	83 700	6 200	45	178	410	364	178	31.0	258	1500	274.5
50FH	103 000	5 700	50	187	445	365	188	31.0	272	1700	333.3
55FH	128 000	5 400	50	205	470	408	206	34.0	297	1700	399.2

¹⁾ Maximum rotational speed (r/min) is based on parallel misalignment no more than 2/1 000

²⁾ Rated torque is a maximum figure

³⁾ The actual BE value will be determined by the customer

⁴⁾ For BE dimensions over 6 000 mm, please contact SKF

Floating shaft couplings should not be used with long overhang shafts

SKF Flex couplings are designed to accommodate misalignment and shock loads and dampen vibration levels. These easy to install, maintenance-free couplings are available with either a machined-to-size or tapered bore.

Couplings with a tapered bore can be Face (F) mounted or Hub (H) mounted. The more versatile Reversible (R) design can be either face or hub mounted depending on the application. These couplings are also available with a tapered bushing.

SKF Flex couplings consist of 2 flanges and 1 tyre. The flanges are phosphate coated for improved corrosion resistance. The addition of a standard sized spacer flange can be used to accommodate applications where it is advantageous to move either shaft axially without disturbing driving or driven machines.

SKF Flex tyres are available in natural rubber compounds for applications ranging from –50 to +50 °C. Chloroprene rubber compounds should be used in applications where exposure to greases and oils are likely. These compounds can accommodate temperatures ranging from –15 to +70 °C. The chloroprene tyres should be used where fire-resistance and anti-static (F.R.A.S.) properties are required.

Assembled coupling characteristics

Coupling size	Maximum speed	Mass tyre	Inertia	Torsional stiffness	Misalignment			Nominal torque	Max torque	Screw size	Clamping screw torque
					Angular	Parallel	Axial				
–	r/min	kg	kg/m ²	Nm/°	°	mm		Nm		–	Nm
40	4 500	0.1	0.00074	5	4	1.1	1.3	24	64	M6	15
50	4 500	0.3	0.00115	13	4	1.3	1.7	66	160	M6	15
60	4 000	0.5	0.0052	26	4	1.6	2.0	127	318	M6	15
70	3 600	0.7	0.009	41	4	1.9	2.3	250	487	M8	24
80	3 100	1.0	0.017	63	4	2.1	2.6	375	759	M8	24
90	3 000	1.1	0.031	91	4	2.4	3.0	500	1 096	M10	40
100	2 600	1.1	0.054	126	4	2.6	3.3	675	1 517	M10	40
110	2 300	1.4	0.078	178	4	2.9	3.7	875	2 137	M10	40
120	2 050	2.3	0.013	296	4	3.2	4.0	1 330	3 547	M12	50
140	1 800	2.6	0.255	470	4	3.7	4.6	2 325	5 642	M12	55
160	1 600	3.4	0.38	778	4	4.2	5.3	3 770	9 339	M16	80
180	1 500	7.7	0.847	1 371	4	4.8	6.0	6 270	16 455	M16	105
200	1 300	8.0	1.281	1 959	4	5.3	6.6	9 325	23 508	M16	120
220	1 100	10.0	2.104	2 760	4	5.8	7.3	11 600	33 125	M20	165
250	1 000	15.0	3.505	3 562	4	6.6	8.2	14 675	42 740	M20	165

Order data

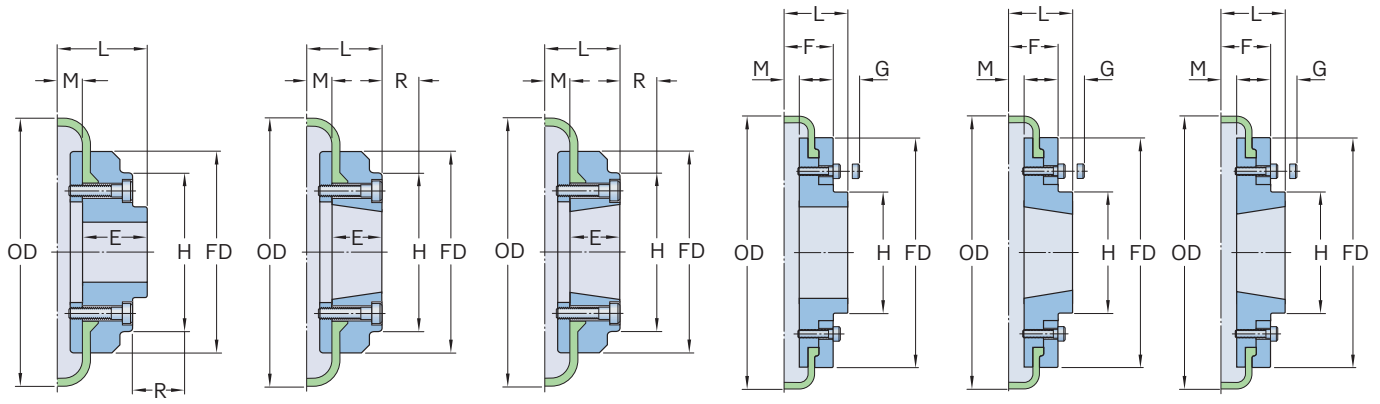
Coupling type	Flanges	Qty	Element	Qty	Coupling bushing number	Qty	Spacer flange and shaft ¹⁾	Qty	Spacer bushing number	Qty	
RSB both sides	PHE F70RSBFLG	2	PHE F70NRTYRE	or	1	–	–	–	–	–	
	–	–	PHE F70FRTYRE	–	–	–	–	–	–	–	
RSB/F combination	PHE F70RSBFLG	1	PHE F70NRTYRE	or	1	–	–	–	–	–	
	PHE F70FTBFLG	1	PHE F70FRTYRE	–	PHF TB2012X...MM	1	PHE SM25–...DBSE	1	PHF 2517X...MM	1	
RSB/H combination	PHE F70RSBFLG	1	PHE F70NRTYRE	or	1	–	–	–	–	–	
	PHE F70HTBFLG	1	PHE F70FRTYRE	–	PHF TB1610X...MM	1	PHE SM25–...DBSE	1	PHF 2517X...MM	1	
F/F combination	PHE F70FTBFLG	1	PHE F70NRTYRE	or	1	PHF TB2012X...MM	1	PHE SM25–...DBSE	1	PHF 2517X...MM	1
	PHE F70FTBFLG	1	PHE F70FRTYRE	–	PHF TB2012X...MM	1	–	–	–	–	
H/H combination	PHE F70HTBFLG	1	PHE F70NRTYRE	or	1	PHF TB1610X...MM	1	PHE SM25–...DBSE	1	PHF 2517X...MM	1
	PHE F70HTBFLG	1	PHE F70FRTYRE	–	PHF TB1610X...MM	1	–	–	–	–	
F/H combination	PHE F70FTBFLG	1	PHE F70NRTYRE	or	1	PHF TB1610X...MM	1	PHE SM25–...DBSE	1	PHF 2517X...MM	1
	PHE F70HTBFLG	1	PHE F70FRTYRE	–	PHF TB2012X...MM	1	–	–	–	–	
Reversible	PHE F70RTBFLG	2	PHE F70NRTYRE	–	PHF TB1610X...MM	2	–	–	–	–	

¹⁾ To complete designation, add distance between shaft ends. PHE SM25-100DBSE.

An SKF Flex coupling consists of 2 flanges and 1 tyre. An SKF Flex spacer coupling consists of 2 flanges, 1 tyre and 1 spacer (spacer part number consists of spacer shaft and rigid flange).

SKF Flex couplings

SKF Flex flanges types B, F and H



Sizes 40 to 60
Type B

Type F

Type H

Sizes 70 to 250
Type B

Type F

Type H

Size	Type	Bushing number ¹⁾	Bore	Dimensions								Mass				Inertia	Designation	Tyre designation		F.R.A.S	
				Types F & H	Type B	Key screw	OD	FD	H	F	R ¹⁾	G ²⁾	M	Natural							
			Min.	Max.	L									E	L	E					
mm	—	—	mm												kg	kg/m ²	—				
40	B	—	—	30	—	—	33	22	M5	104	82	—	—	29	—	11	0.8	0.00074	PHE F40RSBFLG	PHE F40NRTYRE	PHE F40FRTYRE
40	F	1 008	9	25	33	22	—	—	—	104	82	—	—	29	—	11	0.8	0.00074	PHE F40FTBFLG	PHE F40NRTYRE	PHE F40FRTYRE
40	H	1 008	9	25	33	22	—	—	—	104	82	—	—	29	—	11	0.8	0.00074	PHE F40HTBFLG	PHE F40NRTYRE	PHE F40FRTYRE
50	B	—	—	38	—	—	45	32	M5	133	100	79	—	38	—	12.5	1.2	0.00115	PHE F50RSBFLG	PHE F50NRTYRE	PHE F50FRTYRE
50	F	1 210	11	32	37.5	25	—	—	—	133	100	79	—	38	—	12.5	1.2	0.00115	PHE F50FTBFLG	PHE F50NRTYRE	PHE F50FRTYRE
50	H	1 210	11	32	37.5	25	—	—	—	133	100	79	—	38	—	12.5	1.2	0.00115	PHE F50HTBFLG	PHE F50NRTYRE	PHE F50FRTYRE
60	B	—	—	45	—	—	55	38	M6	165	125	70	—	38	—	16.5	2	0.0052	PHE F60RSBFLG	PHE F60NRTYRE	PHE F60FRTYRE
60	F	1 610	14	42	41.5	25	—	—	—	165	125	103	—	38	—	16.5	2	0.0052	PHE F60FTBFLG	PHE F60NRTYRE	PHE F60FRTYRE
60	H	1 610	14	42	41.5	25	—	—	—	165	125	103	—	38	—	16.5	2	0.0052	PHE F60HTBFLG	PHE F60NRTYRE	PHE F60FRTYRE
70	B	—	—	60	—	—	47	35	M10	187	142	80	50	—	13	11.5	3.1	0.009	PHE F70RSBFLG	PHE F70NRTYRE	PHE F70FRTYRE
70	F	2 012	14	50	43.5	32	—	—	—	187	142	80	50	42	13	11.5	3.1	0.009	PHE F70FTBFLG	PHE F70NRTYRE	PHE F70FRTYRE
70	H	1 610	14	42	36.5	25	—	—	—	187	142	80	50	38	13	11.5	3	0.009	PHE F70HTBFLG	PHE F70NRTYRE	PHE F70FRTYRE
80	B	—	—	63	—	—	55	42	M10	211	165	98	54	—	16	12.5	4.9	0.018	PHE F80RSBFLG	PHE F80NRTYRE	PHE F80FRTYRE
80	F	2 517	16	60	57.5	45	—	—	—	211	165	97	54	48	16	12.5	4.9	0.018	PHE F80FTBFLG	PHE F80NRTYRE	PHE F80FRTYRE
80	H	2 012	14	50	44.5	32	—	—	—	211	165	98	54	32	16	12.5	4.6	0.017	PHE F80HTBFLG	PHE F80NRTYRE	PHE F80FRTYRE
90	B	—	—	75	—	—	62.5	49	M12	235	187	112	60	—	16	13.5	7.1	0.032	PHE F90RSBFLG	PHE F90NRTYRE	PHE F90FRTYRE
90	F	2 517	16	60	58.5	45	—	—	—	235	187	108	60	48	16	13.5	7	0.031	PHE F90FTBFLG	PHE F90NRTYRE	PHE F90FRTYRE
90	H	2 517	16	60	58.5	45	—	—	—	235	187	108	60	48	16	13.5	7	0.031	PHE F90HTBFLG	PHE F90NRTYRE	PHE F90FRTYRE
100	B	—	—	80	—	—	69.5	56	M12	254	214	125	62	—	16	13.5	9.9	0.055	PHE F100RSBFLG	PHE F100NRTYRE	PHE F100FRTYRE
100	F	3 020	25	75	64.5	51	—	—	—	254	214	120	62	55	16	13.5	9.9	0.055	PHE F100FTBFLG	PHE F100NRTYRE	PHE F100FRTYRE
100	H	2 517	16	60	58.5	45	—	—	—	254	214	113	62	48	16	13.5	9.4	0.054	PHE F100HTBFLG	PHE F100NRTYRE	PHE F100FRTYRE
110	B	—	—	90	—	—	75.5	63	M12	279	232	128	62	—	16	12.5	12.5	0.081	PHE F110RSBFLG	PHE F110NRTYRE	PHE F110FRTYRE
110	F	3 020	25	75	63.5	51	—	—	—	279	232	134	62	55	16	12.5	11.7	0.078	PHE F110FTBFLG	PHE F110NRTYRE	PHE F110FRTYRE
110	H	3 020	25	75	63.5	51	—	—	—	279	232	134	62	55	16	12.5	11.7	0.078	PHE F110HTBFLG	PHE F110NRTYRE	PHE F110FRTYRE
120	B	—	—	100	—	—	84.5	70	M16	314	262	143	67	—	16	14.5	16.9	0.137	PHE F120RSBFLG	PHE F120NRTYRE	PHE F120FRTYRE
120	F	3 525	35	100	79.5	65	—	—	—	314	262	140	67	67	16	14.5	16.5	0.137	PHE F120FTBFLG	PHE F120NRTYRE	PHE F120FRTYRE
120	H	3 020	25	75	65.5	51	—	—	—	314	262	140	67	55	16	14.5	15.9	0.13	PHE F120HTBFLG	PHE F120NRTYRE	PHE F120FRTYRE
140	B	—	—	125	—	—	110.5	94	M20	359	312.5	180	73	—	17	16	22.2	0.254	PHE F140RSBFLG	PHE F140NRTYRE	PHE F140FRTYRE
140	F	3 525	35	100	81	65	—	—	—	359	312.5	180	73	67	17	16	22.3	0.255	PHE F140FTBFLG	PHE F140NRTYRE	PHE F140FRTYRE
140	H	3 525	35	100	81	65	—	—	—	359	312.5	180	73	67	17	16	22.3	0.255	PHE F140HTBFLG	PHE F140NRTYRE	PHE F140FRTYRE
160	B	—	—	140	—	—	117	102	M20	402	348	197	78	—	19	15	35.8	0.469	PHE F160RSBFLG	PHE F160NRTYRE	PHE F160FRTYRE
160	F	4 030	40	115	91	76	—	—	—	402	348	197	78	80	19	15	32.5	0.38	PHE F160FTBFLG	PHE F160NRTYRE	PHE F160FRTYRE
160	H	4 030	40	115	91	76	—	—	—	402	348	197	78	80	19	15	32.5	0.38	PHE F160HTBFLG	PHE F160NRTYRE	PHE F160FRTYRE
180	B	—	—	150	—	—	137	114	M20	470	396	205	94	—	19	23	49.1	0.871	PHE F180RSBFLG	PHE F180NRTYRE	PHE F180FRTYRE
180	F	4 535	55	125	112	89	—	—	—	470	396	205	94	89	19	23	42.2	0.847	PHE F180FTBFLG	PHE F180NRTYRE	PHE F180FRTYRE
180	H	4 535	55	125	112	89	—	—	—	470	396	205	94	89	19	23	42.2	0.847	PHE F180HTBFLG	PHE F180NRTYRE	PHE F180FRTYRE
200	B	—	—	150	—	—	138	114	M20	508	432	205	103	—	19	24	58.2	1.301	PHE F200RSBFLG	PHE F200NRTYRE	PHE F200FRTYRE
200	F	4 535	55	125	113	89	—	—	—	508	432	205	103	89	19	24	53.6	1.281	PHE F200FTBFLG	PHE F200NRTYRE	PHE F200FRTYRE
200	H	4 535	55	125	113	89	—	—	—	508	432	205	103	89	19	24	53.6	1.281	PHE F200HTBFLG	PHE F200NRTYRE	PHE F200FRTYRE
220	B	—	—	160	—	—	154.5	127	M20	562	472	224	118	—	20	27.5	79.6	2.142	PHE F220RSBFLG	PHE F220NRTYRE	PHE F220FRTYRE
220	F	5 040	70	125	129.5	102	—	—	—	562	472	224	118	92	20	27.5	72	2.104	PHE F220FTBFLG	PHE F220NRTYRE	PHE F220FRTYRE
220	H	5 040	70	125	129.5	102	—	—	—	562	472	224	118	92	20	27.5	72	2.104	PHE F220HTBFLG	PHE F220NRTYRE	PHE F220FRTYRE
250	B	—	—	190	—	—	161.5	132	M20	628	532	254	125	—	25	29.5	104	3.505	PHE F250RSBFLG	PHE F250NRTYRE	PHE F250FRTYRE

¹⁾ The clearance required to allow tightening of the clamping screws and the taper bushing. Use of a shortened wrench will reduce this dimension.

²⁾ The amount by which the clamping screws need to be withdrawn to release the tyre.

For coupling sizes 70, 80, 100 and 120, "F" flanges require a larger bushing than "H" flanges.

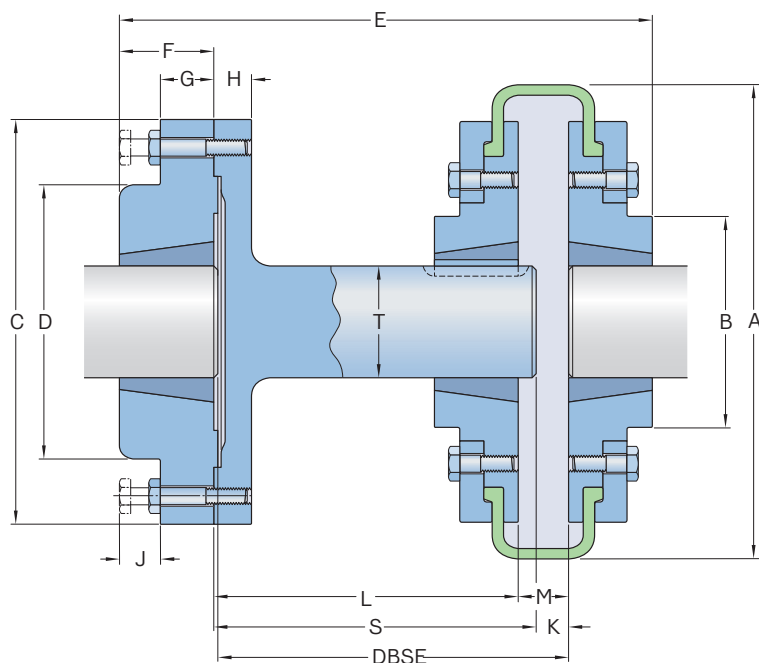
Mass and inertia figures are for a single flange with midrange bore and include clamping ring, screws, washers and half tyre.

SKF Flex spacer coupling

The SKF Flex coupling spacer is used to join two shafts ends that cannot be positioned close enough to allow use of just a coupling.

The spacer also allows removal of a shaft without the need to move either the driving or the driven machine. For example, this allows easy and fast replacement of impellers in pump applications.

Coupling size	Distance between shaft ends (DBSE)		Spacer bushing number	Bore		Coupling bushing number	Bore		Designation
	Nominal	Max.		Min.	Max.		Min.	Max.	
mm									
40	80	90	1 210	11	32	1 008	9	25	PHE SM12-80DBSE
40	100	110	1 210	11	32	1 008	9	25	PHE SM12-100DBSE
40	100	113	1 615	14	42	1 008	9	25	PHE SM16-100DBSE
40	140	150	1 615	14	42	1 008	9	25	PHE SM16-140DBSE
50	100	116	1 615	14	42	1 210	11	32	PHE SM16-100DBSE
50	140	156	1 615	14	42	1 210	11	32	PHE SM16-140DBSE
60	100	124	1 615	14	42	1 610	14	42	PHE SM16-100DBSE
60	140	164	1 615	14	42	1 610	14	42	PHE SM16-140DBSE
70	100	114	2 517	16	60	2 012	14	50	PHE SM25-100DBSE
70	140	154	2 517	16	60	2 012	14	50	PHE SM25-140DBSE
70	180	194	2 517	16	60	2 012	14	50	PHE SM25-180DBSE
80	100	117	2 517	16	60	2 517	16	60	PHE SM25-100DBSE
80	140	157	2 517	16	60	2 517	16	60	PHE SM25-140DBSE
80	180	197	2 517	16	60	2 517	16	60	PHE SM25-180DBSE
90	140	158	2 517	16	60	2 517	16	60	PHE SM25-140DBSE
90	180	198	2 517	16	60	2 517	16	60	PHE SM25-180DBSE
100	140	158	3 020	25	75	3 020	25	75	PHE SM30-140DBSE
100	180	198	3 020	25	75	3 020	25	75	PHE SM30-180DBSE
110	140	156	3 020	25	75	3 020	25	75	PHE SM30-140DBSE
110	180	196	3 020	25	75	3 020	25	75	PHE SM30-180DBSE
120	140	160	3 525	35	100	3 525	35	100	PHE SM35-140DBSE
120	180	200	3 525	35	100	3 525	35	100	PHE SM35-180DBSE
140	140	163	3 525	35	100	3 525	35	100	PHE SM35-140DBSE
140	180	203	3 525	35	100	3 525	35	100	PHE SM35-180DBSE



Coupling size	Dimensions														Designation
	A	B	C	D	E	F	G	H	J	K	L	M	S	T	
mm															—
40	104	82	118	83	134	25	14	15	14	6	65	22	77	25	PHE SM12-80DBSE
40	104	82	118	83	140	25	14	15	14	22	77	22	77	25	PHE SM12-100DBSE
401)	104	82	127	80	157	38	18	15	14	9	88	22	94	32	PHE SM16-100DBSE
401)	104	82	127	80	187	38	18	15	14	9	128	22	134	32	PHE SM16-140DBSE
50	133	79	127	80	160	38	18	15	14	9	85	25	94	32	PHE SM16-100DBSE
50	133	79	127	80	200	38	18	15	14	9	125	25	134	32	PHE SM16-140DBSE
60	165	103	127	80	161	38	18	15	14	9	78	33	94	32	PHE SM16-100DBSE
60	165	103	127	80	201	38	18	15	14	9	118	33	134	32	PHE SM16-140DBSE
702)	187	80	178	123	180	45	22	16	14	9	80	23	94	48	PHE SM25-100DBSE
702)	187	80	178	123	220	45	22	16	14	9	120	23	174	48	PHE SM25-140DBSE
702)	187	80	178	123	260	45	22	16	14	9	160	23	174	48	PHE SM25-180DBSE
80	211	95	178	123	193	45	22	16	14	9	78	25	94	48	PHE SM25-100DBSE
80	211	95	178	123	233	45	22	16	14	9	118	25	134	48	PHE SM25-140DBSE
80	211	95	178	123	273	45	22	16	14	9	158	25	174	48	PHE SM25-180DBSE
90	235	108	178	123	233	45	22	16	14	9	116	27	134	48	PHE SM25-140DBSE
90	235	108	178	123	273	45	22	16	14	9	156	27	174	48	PHE SM25-180DBSE
100	254	120	216	146	245	51	29	20	17	9	116	27	134	60	PHE SM30-140DBSE
100	254	120	216	146	285	51	29	20	17	9	156	27	174	60	PHE SM30-180DBSE
110	279	134	216	146	245	51	29	20	17	9	118	25	134	60	PHE SM30-140DBSE
110	279	134	216	146	285	51	29	20	17	9	158	25	174	60	PHE SM30-180DBSE
120	314	140	248	178	272	63	34	20	17	9	114	29	134	80	PHE SM35-140DBSE
120	314	140	248	178	312	63	34	20	17	9	154	29	174	80	PHE SM35-180DBSE
140	359	178	248	178	271	63	34	20	17	9	111	27	134	80	PHE SM35-140DBSE
140	359	178	248	178	312	63	34	20	17	9	151	27	174	80	PHE SM35-180DBSE

1) "B" Flange must be used to fit spacer shaft
 2) "F" Flange must be used to fit spacer shaft

Chain couplings

Chain couplings are able to transmit higher torque than their shafts, making them ideal for high torque applications. Available with a pilot bore, finished bore or tapered bushing (face or hub), flanges are linked together with duplex roller chains enabling them to accommodate up to 2 degrees of misalignment.

To provide maximum service life and reliability, particularly for high speed applications, SKF recommends fitting all chain couplings with a cover and lubricating them properly. If a chain coupling is to be subjected to reversing operations, shock or pulsating loads, or other severe operating conditions, select a coupling one size larger than normal.

Power ratings

Size	Torque	r/min	Bore		kW ratings at given r/min																									
	Max.	Max.	Min.	Max.	1	5	10	25	50	100	200	300	400	500	600	800	1000	1200	1800	2500	3000	3600	4000	4800						
–	Nm	r/min ¹⁾	mm		kW																									
CR4012 ²⁾	217	5 000	11	22	0.02	0.11	0.22	0.56	1.15	1.73	2.63	3.46	4.15	4.96	5.67	7.01	8.53	9.68	13.7	17.9	20.7	24.1	26.3	30.8						
CR4014 ²⁾	295	5 000	11	58	0.03	0.16	0.32	0.79	1.58	2.38	3.59	4.72	5.66	6.77	7.72	9.56	11.64	13.21	18.7	24.4	28.3	32.9	35.9	42.1						
CR4016	419	4 800	14	32	0.04	0.21	0.41	1.03	2.06	3.09	4.69	6.17	7.41	8.85	10.1	12.5	15.3	17.3	24.3	31.9	37	43	46.9	54.9						
CR5014 ²⁾	580	4 000	16	35	0.06	0.3	0.6	1.5	3	4.48	6.8	8.95	10.7	12.8	14.7	18.1	22.1	25.1	35.4	46.2	53.6	62.4	–	–						
CR5016	791	3 600	16	40	0.08	0.39	0.78	1.95	3.91	5.86	8.92	11.7	14.1	16.8	19.2	23.8	28.9	32.9	46.3	60.6	70.4	81.6	–	–						
CR5018	979	3 000	16	45	0.1	0.5	0.99	2.48	4.95	7.43	11.3	14.9	17.8	21.3	24.4	30.1	36.6	41.6	57.8	76.8	89.2	–	–	–						
CR6018	1 810	2 500	20	55	0.18	0.93	1.87	4.67	9.33	14	21.3	28	33.6	40.1	45.9	56.8	69.1	78.4	111	145	–	–	–	–						
CR6020	2 210	2 500	20	60	0.21	1.08	2.17	5.42	10.82	16.2	24.7	32.5	38	46.5	53.2	65.9	80.2	90.9	149	168.2	–	–	–	–						
CR6022	2 610	2 500	20	71	0.25	1.25	2.51	6.31	12.5	18.8	28.6	37.7	45.3	54.1	61.9	76.5	93.1	105	246	195	–	–	–	–						
CR8018	3 920	2 000	20	80	0.41	2.07	4.14	10.3	20.7	31	47.2	62.1	74.5	89	101	126	153	174	352	–	–	–	–	–						
CR8020	4 800	2 000	20	90	0.48	2.44	4.89	12.2	24.4	36.6	55.7	73.3	87.9	105	119.2	148.7	180.5	205.3	554	–	–	–	–	–						
CR8022 ²⁾	5 580	2 000	40	100	0.59	2.96	5.83	14.8	29.5	44.5	67.2	89	106	127	146	180	219	249	352	–	–	–	–	–						
CR10020	8 400	1 800	25	110	0.93	4.66	9.33	23.3	46.6	70	106	140	168	200	229	283	345	392	–	–	–	–	–	–						
CR12018	12 700	1 500	35	125	1.4	7.02	14.0	35.1	70.2	105	160	210	252	302	345	426	519	590	–	–	–	–	–	–						
CR12022	18 300	1 250	35	140	1.81	9.07	18.1	45.3	90.7	136	206	272	326	390	446	551	671	762	–	–	–	–	–	–						
Recommended lubrication type					Type 1					Type 2					Type 3															
Type	Frequency																													
1	Grease monthly																													
2	Grease weekly, or use with cover																													
3	Use with fully grease-packed cover																													

Order data

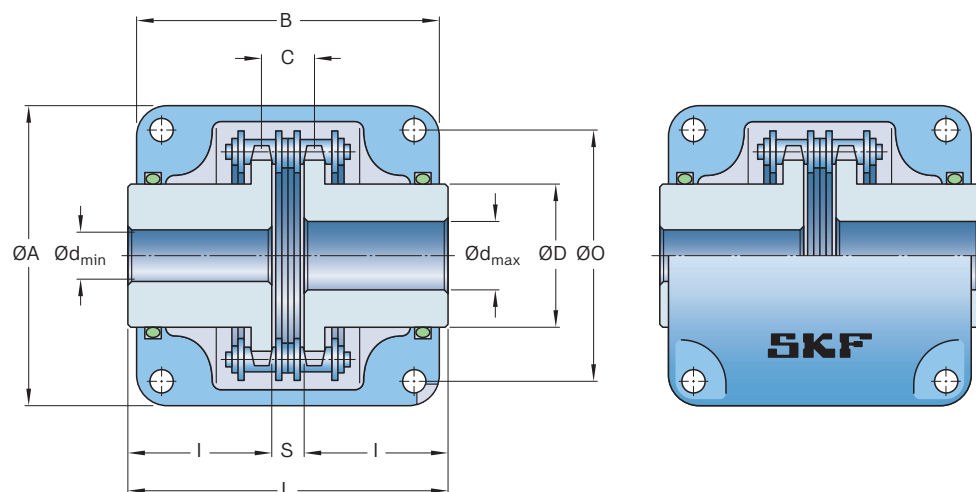
Size	Hub									Chain	Covers		Qty
–	Plain Bore	Qty	FTB ¹⁾	Qty	HTB ¹⁾	Qty	Bored to size ²⁾	Qty		Qty	Qty	Qty	Qty
CR4016	PHE CR4016RSB	2 and/or	PHE CR4016FTB	2 and/or	PHE CR4016HTB	2 and/or	PHE CR4016X...	2	PHE CR4016CHN	1	PHE CR4016COVER	1	
CR5016	PHE CR5016RSB	2 and/or	–	2 and/or	–	2 and/or	PHE CR5016X...	2	PHE CR5016CHN	1	PHE CR5016COVER	1	
CR5018	PHE CR5018RSB	2 and/or	PHE CR5018FTB	2 and/or	PHE CR5018HTB	2 and/or	PHE CR5018X...	2	PHE CR5018CHN	1	PHE CR5018COVER	1	
CR6018	PHE CR6018RSB	2 and/or	–	2 and/or	–	2 and/or	PHE CR6018X...	2	PHE CR6018CHN	1	PHE CR6018COVER	1	
CR6020	PHE CR6020RSB	2 and/or	PHE CR6020FTB	2 and/or	PHE CR6020HTB	2 and/or	PHE CR6020X...	2	PHE CR6020CHN	1	PHE CR6020COVER	1	
CR6022	PHE CR6022RSB	2 and/or	–	2 and/or	–	2 and/or	PHE CR6022X...	2	PHE CR6022CHN	1	PHE CR6022COVER	1	
CR8018	PHE CR8018RSB	2 and/or	–	2 and/or	–	2 and/or	PHE CR8018X...	2	PHE CR8018CHN	1	PHE CR8018COVER	1	
CR8020	PHE CR8020RSB	2 and/or	PHE CR8020FTB	2 and/or	PHE CR8020HTB	2 and/or	PHE CR8020X...	2	PHE CR8020CHN	1	PHE CR8020COVER	1	
CR10020	PHE CR10020RSB	2 and/or	PHE CR10020FTB	2 and/or	PHE CR10020HTB	2 and/or	PHE CR10020X...	2	PHE CR10020CHN	1	PHE CR10020COVER	1	
CR12018	PHE CR12018RSB	2 and/or	–	2 and/or	–	2 and/or	PHE CR12018X...	2	PHE CR12018CHN	1	PHE CR12018COVER	1	
CR12022	PHE CR12022RSB	2 and/or	–	2 and/or	–	2 and/or	PHE CR12022X...	2	PHE CR12022CHN	1	PHE CR12022COVER	1	

¹⁾ The maximum speeds indicated are for the couplings operating with covers installed.

²⁾ Items are on request only, and may be subject to minimum order quantity

Chain couplings

JIS (ANSI) standard



Coupling size	Capacity		Bore		Dimensions							Inertia	Weight	
	Nominal Mt	Max. RPM	Min.	Max.	ØA	B	L	I	S	ØD	ØO			C
		with cover												
—	Nm	r/min	mm										Kgf·m ²	kg
CR4012 ^{1) 2)}	249	4 800	12	22	77	72	79.4	36	7.4	33	61	14.4	1.02	8
CR4014 ^{1) 2)}	329	4 800	12	28	84	75	79.4	36	7.4	43	69	14.4	1.93	11
CR4016 ¹⁾	419	4 800	14	32	92	75	87.4	40	7.4	48	77	14.4	3.29	1.4
CR5014 ^{1) 2)}	620	3 600	16	35	101	85	99.7	45	9.7	53	86	18.1	6.01	2.2
CR5016 ¹⁾	791	3 600	16	40	111	85	99.7	45	9.7	60	96	18.1	9.72	2.7
CR5018 ¹⁾	979	3 000	16	45	122	85	123.5	45	9.7	70	106	18.1	15.42	3.8
CR6018 ¹⁾	1 810	2 500	20	55	142	106	123.5	56	11.5	85	128	22.8	40.21	6.2
CR6020	2 210	2 500	20	60	158	105	123.5	56	11.5	96	140	22.8	62.87	7.8
CR6022 ¹⁾	2 610	2 500	20	70	168	117	141.2	56	11.5	110	152	22.8	93.45	10.4
CR8018 ¹⁾	3 920	2 000	20	80	190	128	145.2	63	15.2	110	170	29.3	142.1	12.7
CR8020	4 800	2 000	20	90	210	137	157.2	65	15.2	121	186	29.3	204.9	16.0
CR8022 ^{1) 2)}	5 640	1 800	20	100	226	137	178.8	71	15.2	140	202	29.3	341.2	20.2
CR10020 ¹⁾	8 400	1 800	25	110	281	153	202.7	80	18.8	180	233	35.8	646.3	33.0
CR12018 ¹⁾	12 700	1 500	35	125	307	181	202.7	90	22.7	170	256	45.4	1075.7	47.0
CR12022 ¹⁾	18 300	1 250	35	140	357	181	222.7	100	22.7	210	304	45.4	2454.5	72.0

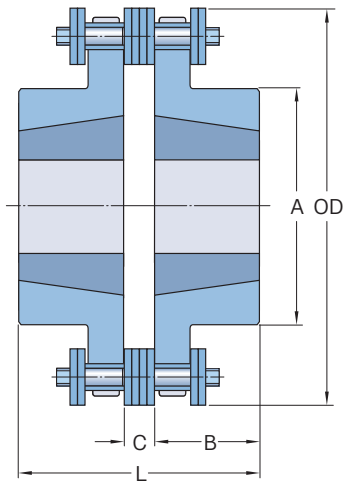
¹⁾ Indicates according to JIS standard (with ANSI chain)

²⁾ Items are on request only, and may be subject to minimum order quantity

Components on the ISO (IS) and JIS series of chain couplings are not interchangeable

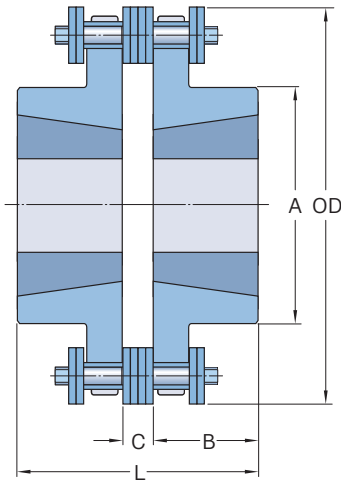
Chain couplings

JIS (ANSI) standard with taper bush mounting



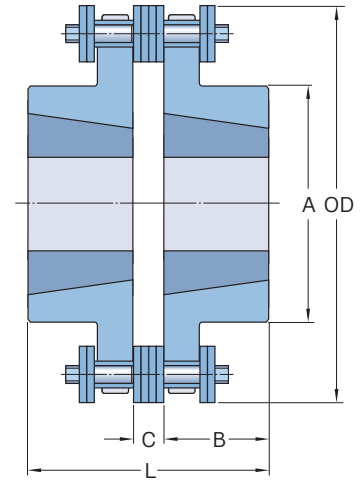
Assembly configuration FF

Taper bushes internally mounted
FTB + FTB (preferred)



Assembly configuration HH

Taper bushes externally mounted
HTB + HTB



Assembly configuration FH

1 x Taper bush internally mounted
1 x Taper bush externally mounted FTB + HTB

Coupling size	Taper bush	Capacity with taper bush		Bore		Overall width	Hub width	Hub gap	Hub diameter	Diameter over chain	Weight with cover
		Nominal Mt	Max. RPM	Ød min.	Ød max.	L	B	C	ØA	ØO	
–	–	Nm	r/min	mm							kg
CR4016 1)	1 108	147	4 800	9	28	51.8	22.2	7.4	50	77	1.13
CR5018 1)	1 610	485	3 000	14	42	60.5	25.4	9.7	75.5	106	2.75
CR6020	2 012	810	2 500	14	50	75.1	31.8	11.5	98.5	140	5.71
CR8020	3 020	2 710	2 000	25	80	116.8	50.8	15.2	136.5	186	14.2
CR10020 1)	3 535	5 060	1 800	35	90	196.6	88.9	18.8	170.7	233	35.4

¹⁾ Indicates according to JIS standard (with ANSI chain)

Larger sizes are available on request, and are subject to minimum order quantity

Max. RPM stated is for couplings with covers and correctly lubricated. Without covers recommended max. speeds are approx. 20% of the given speeds.

Important note: As above couplings with taper-bush mounting have reduced torque capacity to that of the relevant taper bush. Check capacities.

FRC couplings

With a higher load capacity than jaw couplings and maintenance-free operation, FRC couplings are designed as a general purpose coupling. They are able to cushion moderate shock loads, dampen low levels of vibration and accommodate incidental misalignment. FRC couplings offer a range of hub and element selection to meet the demand for low cost, general purpose flexible coupling.

FRC couplings are phosphate coated for improved corrosion resistance and available with fire-resistant and anti-static elements (FRAS) FRC couplings are available with a pilot bore, finished bore or tapered bushing (face or hub) to make installation quick and simple.

Fully machined outside surfaces allow alignment with a simple straight edge. Shaft connections are fail safe due to their interlocking jaw design.

C

Assembled coupling characteristics

Size	Assembled length comprising flange types			Mass	Inertia	Torsional stiffness	Misalignment	Parallel	Axial	Nominal torque	Max torque
	FF,FH,HH	FB,HB	BB								
–	mm			kg	kg/m ²	Nm/°	°	mm		Nm	
70	65.0	65.0	65.0	1.00	0.00085	–	1	0.3	0.2	31.5	72
90	69.5	76.0	82.5	1.17	0.00115	–	1	0.3	0.5	80.0	180
110	82.0	100.5	119.0	5.00	0.004	65	1	0.3	0.6	160.0	360
130	89.0	110.0	131.0	5.46	0.0078	130	1	0.4	0.8	315.0	720
150	107.0	129.5	152.0	7.11	0.0181	175	1	0.4	0.9	600.0	1 500
180	142.0	165.5	189.0	16.60	0.0434	229	1	0.4	1.1	950.0	2 350
230	164.5	202.0	239.5	26.00	0.1207	587	1	0.5	1.3	2 000.0	5 000
280	207.5	246.5	285.5	50.00	0.4465	1 025	1	0.5	1.7	3 150.0	7 200

Mass is for an FF, FH or HH coupling with mid range taper bushes.

Order data

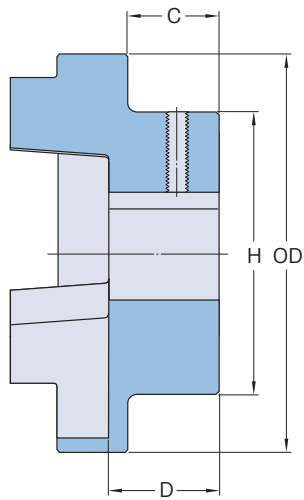
Coupling type	Flanges	Qty	Element	Qty	Taper bush	Qty
RSB both sides	PHE FRC70RSB	2	PHE FRC70NR	or 1	–	–
	–	–	PHE FRC70FR	–	–	–
RSB/F combination	PHE FRC70RSB	1	PHE FRC70NR	or 1	PHF TB1008X...MM	1
	PHE FRC70FTB	1	PHE FRC70FR	–	–	1
RSB/H combination	PHE FRC70RSB	1	PHE FRC70NR	1	PHF TB1008X...MM	1
	PHE FRC70HTB	1	PHE FRC70FR	–	–	1
F/F combination	PHE FRC70FTB	1	PHE FRC70NR	or 1	PHF TB1008X...MM	1
	PHE FRC70FTB	1	PHE FRC70FR	–	PHF TB1008X...MM	1
H/H combination	PHE FRC70HTB	1	PHE FRC70NR	or 1	PHF TB1008X...MM	1
	PHE FRC70HTB	1	PHE FRC70FR	–	PHF TB1008X...MM	1
F/H combination	PHE FRC70FTB	1	PHE FRC70NR	or 1	PHF TB1008X...MM	1
	PHE FRC70HTB	1	PHE FRC70FR	–	PHF TB1008X...MM	1

NR = Natural rubber

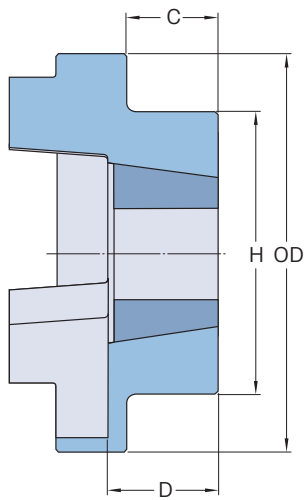
FR = Fire-resistant and anti-static (FRAS)

A complete FRC coupling consists of: 2 hubs and 1 element.

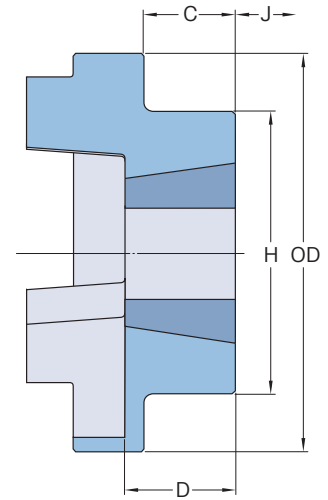
FRC couplings



Type B



Type F



Type H

Coupling size	Dimensions													Hub designation					
	OD	H	Type F, H Bushing size	Bore		C	D	J ¹⁾	Type B	Bore	Key screw	C	D	Type F	Type H Pilot bore	Type B			
				Min.	Max.				Max.								Pilot		
–	mm													–					
70	69	60	1 008	9	25	20	23.5	29	32	10	M6	20	25.8	PHE FRC70FTB	PHE FRC70HTB	PHE FRC70RSB			
90	85	70	1 108	9	28	19.5	23.5	29	38	10	M6	26	30	PHE FRC90FTB	PHE FRC90HTB	PHE FRC90RSB			
110	112	100	1 610	14	42	18.5	26.5	38	55	10	M10	37	45.3	PHE FRC110FTB	PHE FRC110HTB	PHE FRC110RSB			
130	130	105	1 610	14	42	18	26.5	38	60	20	M10	39	47.5	PHE FRC130FTB	PHE FRC130HTB	PHE FRC130RSB			
150	150	115	2 012	14	50	23.5	33.5	42	70	28	M10	46	60	PHE FRC150FTB	PHE FRC150HTB	PHE FRC150RSB			
180	180	125	2 517	16	60	34.5	46.5	48	80	28	M10	58	70	PHE FRC180FTB	PHE FRC180HTB	PHE FRC180RSB			
230	225	155	3 020	25	75	39.5	52.5	55	100	45	M12	77	90	PHE FRC230FTB	PHE FRC230HTB	PHE FRC230RSB			
280	275	206	3 525	35	100	51	66.5	67	115	55	M16	90	105.5	PHE FRC280FTB	PHE FRC280HTB	PHE FRC280RSB			

¹⁾ Clearance required for tightening/loosening the bushing on the shaft

Jaw couplings

Jaw couplings provide a cost-effective solution for standard power applications, helping to cushion moderate shock loads and dampen low vibration levels.

Maintenance-free and easy to install, jaw couplings are available with a snap wrap element allowing element replacement in situ.

Urethane and Hytrel elements have a greater power rating than nitrile elements and are recommended for applications where a compact, high torque solution is required.

Standard bore and keyway chart

Bore	Keyway	Coupling Size									
		50	70	75	90	95	100	110	150	190	225
mm		–									
9	3 × 1.4	X	X	X	X	–	–	–	–	–	–
10	3 × 1.4	X	X	X	X	–	–	–	–	–	–
11	4 × 1.8	X	X	X	X	–	–	–	–	–	–
12	4 × 1.8	X	X	X	X	X	–	–	–	–	–
14	5 × 2.3	X	X	X	X	X	X	–	–	–	–
15	5 × 2.3	–	X	X	X	X	X	–	–	–	–
16	5 × 2.3	–	X	X	X	X	X	X	X	–	–
17	5 × 2.3	–	X	X	X	X	X	X	X	–	–
18	6 × 2.8	–	X	X	X	X	X	X	X	–	–
19	6 × 2.8	–	X	X	X	X	X	X	X	X	–
20	6 × 2.8	–	–	X	X	X	X	X	X	X	–
22	6 × 2.8	–	–	X	X	X	X	X	X	X	–
24	8 × 3.3	–	–	–	X	X	X	X	X	X	X
25	8 × 3.3	–	–	–	–	X	X	X	X	X	X
28	8 × 3.3	–	–	–	–	X	X	X	X	X	X
30	8 × 3.3	–	–	–	–	–	X	X	X	X	X
32	10 × 3.3	–	–	–	–	–	X	X	X	X	X
35	10 × 3.3	–	–	–	–	–	X	X	X	X	X
38	10 × 3.3	–	–	–	–	–	X	X	X	X	X
40	12 × 3.3	–	–	–	–	–	–	X	X	X	X
42	12 × 3.3	–	–	–	–	–	–	X	X	X	X
45	14 × 3.8	–	–	–	–	–	–	–	X	X	X
48	14 × 3.8	–	–	–	–	–	–	–	X	X	X
50	14 × 3.8	–	–	–	–	–	–	–	–	X	X
55	16 × 4.3	–	–	–	–	–	–	–	–	X	X
60	18 × 4.4	–	–	–	–	–	–	–	–	–	X

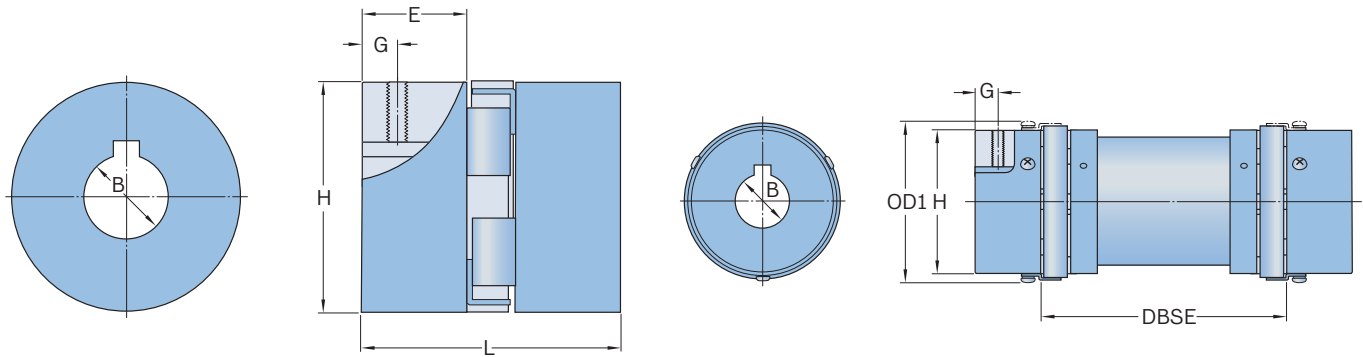
Order data

Coupling type	Flanges	Qty	Element	Qty	Spacer shaft	Qty	Nitrile wrap element	Qty	Ring kit	Qty
RSB both sides	PHE L095HUB	2	PHE L095NR or	1	PHE L090X ... SPACER	1	PHE L090NRWRAP	2	PHE L090RINGKIT	2
	–	–	PHE L095UR	–	–	–	–	–	–	–
	–	–	PHE L095HL	–	–	–	–	–	–	–
Bore with keyway/RSB combination	PHE L095HUB	1	PHE L095NR or	1	PHE L090X ... SPACER	1	PHE L090NRWRAP	2	PHE L090RINGKIT	2
	PHE L095 – ... MM	1	PHE L095UR	–	–	–	–	–	–	–
	–	–	PHE L095HL	–	–	–	–	–	–	–
Bore with keyway on both sides	PHE L095 – ... MM	2	PHE L095NR or	1	PHE L090X ... SPACER	1	PHE L090NRWRAP	2	PHE L090RINGKIT	2
	–	–	PHE L095UR	–	–	–	–	–	–	–
	–	–	PHE L095HL	–	–	–	–	–	–	–
Bore only/RSB combination	PHE L095 – ... MMP	1	PHE L095NR or	1	PHE L090X ... SPACER	1	PHE L090NRWRAP	2	PHE L090RINGKIT	2
	PHE L095HUB	1	PHE L095UR	–	–	–	–	–	–	–
	–	–	PHE L095HL	–	–	–	–	–	–	–
Bore only	PHE L095 – ... MMP	2	PHE L095NR or	1	PHE L090X ... SPACER	1	PHE L090NRWRAP	2	PHE L090RINGKIT	2
	–	–	PHE L095UR	–	–	–	–	–	–	–
	–	–	PHE L095HL	–	–	–	–	–	–	–
Bore only/bore with keyway combination	PHE L095 – ... MMP	1	PHE L095NR or	1	PHE L090X ... SPACER	1	PHE L090NRWRAP	2	PHE L090RINGKIT	2
	PHE L095 – ... MM	1	PHE L095UR	–	–	–	–	–	–	–
	–	–	PHE L095HL	–	–	–	–	–	–	–

NR = Nitrile
UR = Urethane
HL = Hytrel®

A complete jaw coupling consists of: 2 hubs and 1 element and a complete coupling with spacer consists of 2 hubs, 2 nitrile elements, 2 ring kits and 1 spacer. Available spacer shaft lengths are 100 mm and 140 mm. To complete the designation, add spacer length. For example: PHE L090X100SPACER for spacer of 100 mm, coupling size 090. When ordering bored to size and keywayed hubs, it is required that the bore diameter is added to the designation found in the table above. Where a keyway is NOT required, the designation should be suffixed with a P. PHE L150-18MM = Hub Size 150 with 18 mm bore and keyway. PHE L070-16MMP = Hub Size 070 with 16 mm bore (no keyway).

Jaw couplings



Hub

Spacer

Size	Dimensions								Set screw	Approx mass ²⁾	Speed	Designation
	Bore	Pilot										
	Max.	OD	OD1 ¹⁾	L	E	H	G			Max.		
–	mm							–	kg	r/min	–	
35	3.20	9.5	15.9	–	20.6	6.7	15.9	–	–	0.03	31 000	PHE L035HUB
50	6.35	14.0	27.5	–	44.0	16.0	27.5	6.5	M6	0.05	18 000	PHE L050HUB
70	9.00	19.0	35.0	–	51.0	19.0	35.0	9.5	M6	0.13	14 000	PHE L070HUB
75	9.00	24.0	44.5	–	54.0	21.0	44.5	9.0	M6	0.22	11 000	PHE L075HUB
90	9.00	24.0	54.0	–	54.0	21.0	54.0	8.7	M6	0.28	9 000	PHE L090HUB
95	9.00	28.0	54.0	64	64.0	25.0	54.0	11.0	M8	0.28	9 000	PHE L095HUB
100	12.70	35.0	65.0	77	89.0	35.0	65.0	11.0	M8	0.75	7 000	PHE L100HUB
110	15.87	42.0	84.0	97	108.0	43.0	84.0	19.0	M10	1.50	5 000	PHE L110HUB
150	15.87	48.0	96.0	112	115.0	45.0	96.0	22.0	M10	2.40	4 000	PHE L150HUB
190	19.05	55.0	115.0	130	133.0	54.0	102.0	22.0	M12	3.50	3 600	PHE L190HUB
225	19.05	60.0	127.0	143	153.0	64.0	108.0	29.0	M12	4.50	3 600	PHE L225HUB

¹⁾ Outer diameter of ring kit

²⁾ Mass of hub with pilot bores

DBSE = Distance between shaft ends

Hub material is high grade cast iron. Spacer material is aluminium.

Universal joints

SKF universal joints, also known as pin and block couplings, are commonly used for low to medium torque industrial, off-road and agricultural applications.

These couplings offer an economical solution for applications up to 1 800 r/min and will provide working angles of up to 25% or 35% for manual drives. SKF offers these couplings with a solid bore from stock; bored to size, square, hexagonal and round bores on request. The couplings are available in either a single (UJMA) or double (UJMB) configuration.

C

Order data

Universal joint type	Size	Qty
Single	PHE UJMA10	1
Double	PHE UJMB20	1

Available on request with finish bore, finish bore with keyway, hexagonal bore or square bore, e.g. the designations as shown below:

Universal joints with finish bore H7, with keyway (BSX30MM) – PHE UJMB45BSX30MM

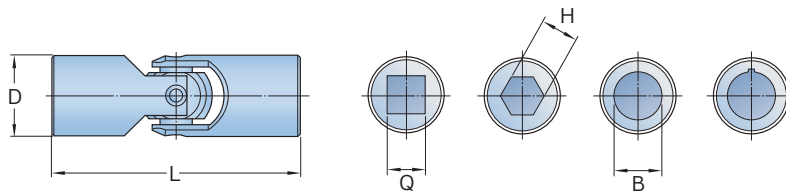
Universal joints with finish bore H7, without keyway (X30MM) – PHE UJMB45X30MM

Universal joints with hexagonal bore (HBX30MM) – PHE UJMB45HBX30MM

Universal joints with square bore (SBX30MM) – PHE UJMB45SBX30MM

Universal joints

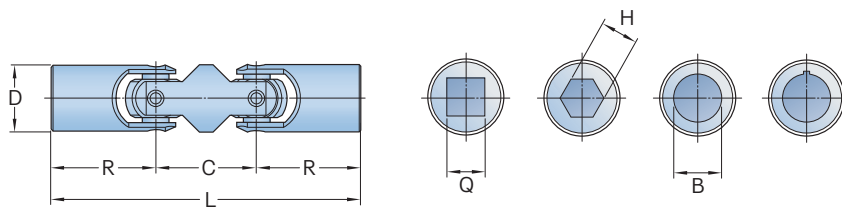
Single universal joints | Double universal joints



Size	Dimensions							Static breaking torque	Designation
	L	D	B	Q	H	B Max.	B with keyway Max.		
–	mm							Nm	–
10	38	10	6	6	6	6	–	13.5	PHE UJMA10
13	45	13	8	8	8	8	–	26	PHE UJMA13
16	52	16	8	8	8	10	8	45	PHE UJMA16
20	62	20	10	10	10	13	11	88	PHE UJMA20
25	74	25	12	12	12	16	14	180	PHE UJMA25
32	86	32	16	16	16	22	18	405	PHE UJMA32
40	108	40	20	20	20	25	22	860	PHE UJMA40
45	120	45	20	20	20	30	25	1 250	PHE UJMA45
50	132	50	25	25	25	35	30	1 730	PHE UJMA50
63	166	63	32	32	–	45	35	3 400	PHE UJMA63
75	190	75	40	40	–	55	45	5 300	PHE UJMA75

Standard is without bore.

Available on request with finish bore H7 – on request with keyway (B), hexagonal bore (H) or square bore (Q)



Size	Dimensions									Static breaking torque	Designation
	L	R	D	C	Bore B	B Max.	With keyway Max.	Q	H		
–	mm									Nm	–
13	68	22.5	13	23	8	8	–	8	8	26	PHE UJMB13
16	77	26.0	16	25	8	10	8	8	8	45	PHE UJMB16
20	92	31.0	20	30	10	13	11	10	10	88	PHE UJMB20
25	110	37.0	25	36	12	16	14	12	12	180	PHE UJMB25
32	133	43.0	32	47	16	22	18	16	16	405	PHE UJMB32
40	164	54.0	40	56	20	25	22	20	20	860	PHE UJMB40
45	183	60.0	45	63	20	30	25	20	20	1 250	PHE UJMB45
50	202	66.0	50	70	25	35	30	25	25	1 730	PHE UJMB50
63	250	83.0	63	84	32	45	35	32	–	3 400	PHE UJMB63
75	290	95.0	75	100	40	55	45	40	–	5 300	PHE UJMB75

Standard is without bore.

Available on request with finish bore H7 – on request with keyway (B), hexagonal bore (H) or square bore (Q)





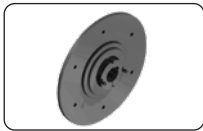
Bushings and Hubs



Taper bushings 150



Weld-on hubs 152



Bolt-on hubs / Adapters 153



QD Bushings 154



QD Weld-on hubs 156



FX Keyless bushings 157



SH bushings 185

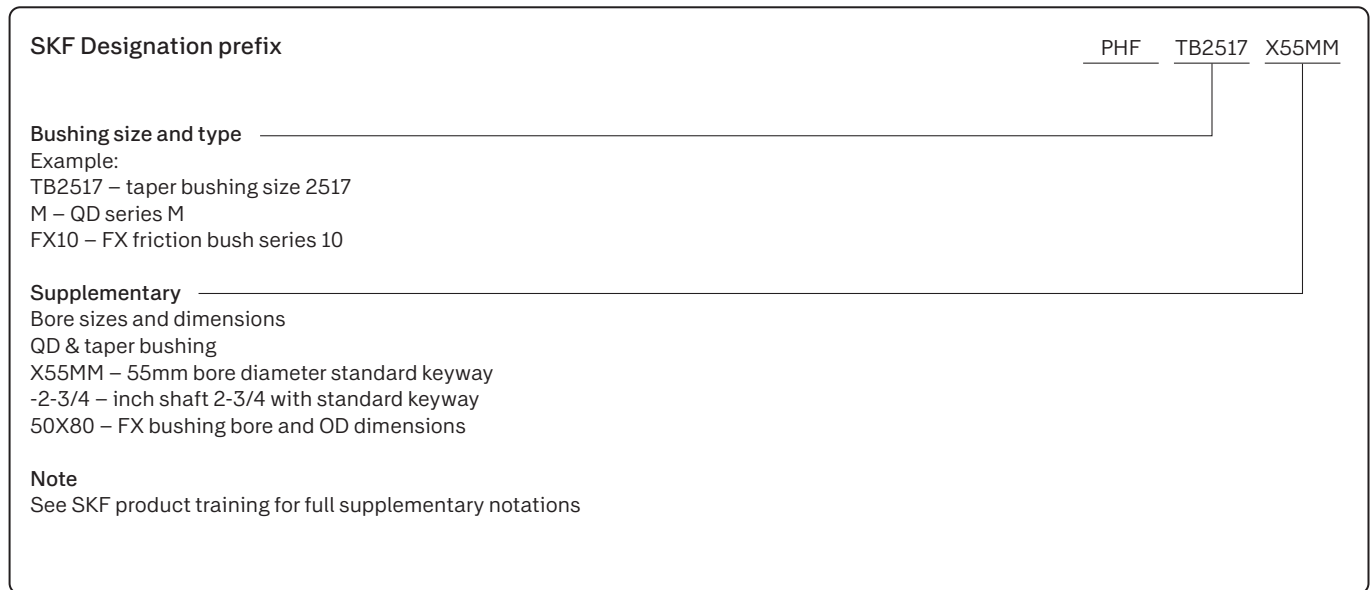
D

SKF Bushings

SKF bushing range nomenclature has a defined prefix of PHF. The bushing range is covered by limited standards, but main SKF range is interchangeable with other brands.

Bushings

The bushing range designation from SKF has the following is an example to indicate set up.



Bushings and Hubs (PHF Product Group)

SKF Taper bushings, QD bushings, Weld-on and Bolt-on hubs are manufactured according to established market standards and are fully interchangeable with other brands.

Metric bore keyway machined according to BS 4235: Part 1 and DIN 6885.

Imperial bore keyway machined according to BS 46: Part 1.

Phosphate coating and blackening are used to improved corrosion resistance, excluding FX and SH bushings.

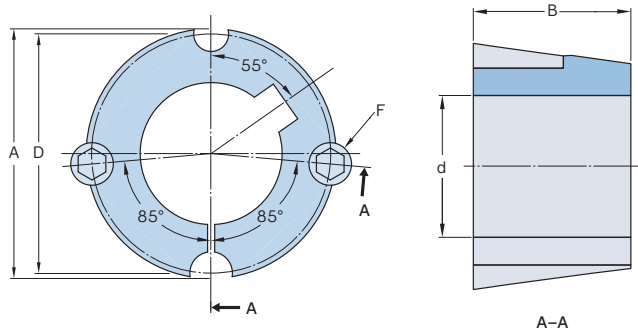
Main materials used in bushings and hubs

Taper bushing	Grey cast iron G3000
QD bushing	Grey cast iron G3000. Available in GGG50 ductile iron
Weld on and Bolt on hubs	Grey cast iron G3000
FX Bushings	C45 Steel
SH Bushings	Steel alloy

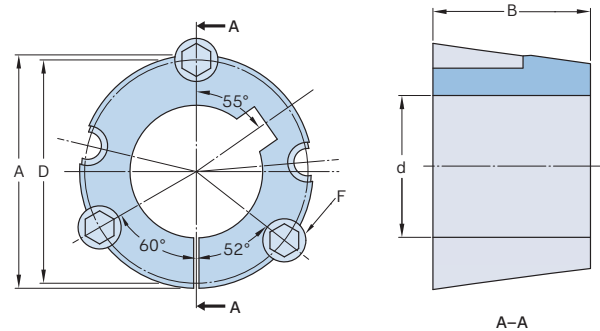
Bushings are also available in steel (AISI 1045) on request. An MOQ may apply.

Taper bushings

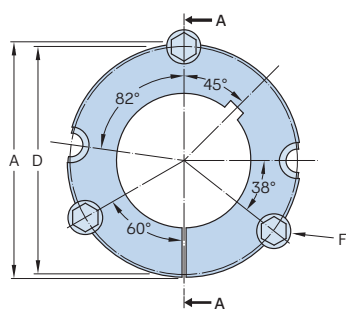
Bushing number 1008 – 120100



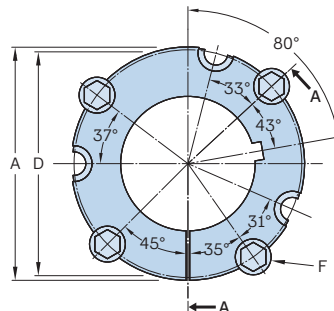
1008-3030³⁾



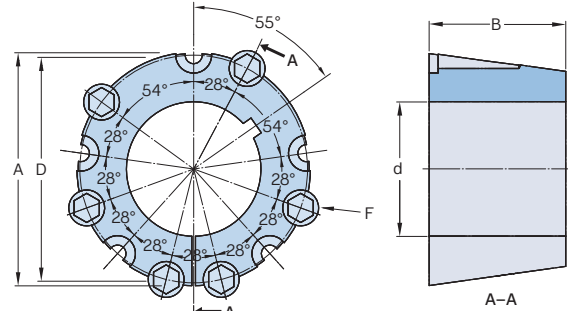
3525-5050



6050



7060 to 10085a



120100

Bushing number	Bore		Nom. torque		Dimensions					Setscrews		Screw torque	Mass	Designation
	d				A	B	D	E		F ²⁾				
–	mm	in.	mm	in.	Nm	mm				Qty	BSW ¹⁾	Nm	kg	–
1008	9	3/8	25	1	135	35.2	22.2	33.7	–	2	1/4" x 1/2"	5.6	0.05	PHF TB1008X...
1108	9	3/8	28	1 1/8	147	38.4	22.2	36.9	–	2	1/4" x 1/2"	5.6	0.08	PHF TB1108X...
1210	11	1/2	32	1 1/4	405	47.6	25.4	44.5	–	2	3/8" x 5/8"	20	0.19	PHF TB1210X...
1215	11	1/2	32	1 1/4	405	47.6	38.1	44.5	–	2	3/8" x 5/8"	20	0.27	PHF TB1215X...
1610	14	1/2	42	1 5/8	485	57.2	25.4	54.0	–	2	3/8" x 5/8"	20	0.31	PHF TB1610X...
1615	14	1/2	42	1 5/8	485	57.2	38.1	54.0	–	2	3/8" x 5/8"	20	0.46	PHF TB1615X...
2012	14	1/2	50	2	810	69.9	31.8	66.7	–	2	7/16" x 7/8"	30	0.65	PHF TB2012X...
2017	14	1/2	50	2	810	69.9	44.5	66.7	–	2	7/16" x 7/8"	30	0.91	PHF TB2017X...
2517 ²⁾	16	1/2	60	2 1/2	1 275	85.7	44.5	82.6	–	2	1/2" x 1"	50	1.47	PHF TB2517X...
2525	16	1/2	60	2 1/2	1 275	85.7	63.5	82.6	–	2	1/2" x 1"	50	4.30	PHF TB2525X...
3020	25	1	75	3	2 710	108.0	50.8	101.6	–	2	5/8" x 1-1/4"	90	2.25	PHF TB3020X...
3030	35	1	75	3	2 710	108.0	76.2	101.6	–	2	5/8" x 1-1/4"	90	3.25	PHF TB3030X...
3525 ²⁾	35	1 1/4	100 ⁴⁾	4	5 060	127.0	63.5	123.0	–	3	1/2" x 1-1/2"	115	4.23	PHF TB3525X...
3535 ²⁾	35	1 1/4	90	3 1/2	5 060	127.0	89.0	123.0	–	3	1/2" x 1-1/2"	115	5.78	PHF TB3535X...
4030	40	1 3/4	115 ⁴⁾	4 1/4	8 727	146.0	76.2	141.0	–	3	5/8" x 1-3/4"	170	7.00	PHF TB4030X...
4040	40	1 3/4	100	4	8 727	146.0	102.0	141.0	–	3	5/8" x 1-3/4"	170	9.20	PHF TB4040X...
4535	55	2	125	5	12 420	161.0	89.0	156.0	–	3	3/4" x 2"	190	9.10	PHF TB4535X...
4545	55	2	115 ⁴⁾	4 1/2	12 420	161.0	114.0	156.0	–	3	3/4" x 2"	190	11.80	PHF TB4545X...
5040	70	2 5/8	140	5 1/2	14 225	178.0	101.6	171.0	–	3	7/8" x 2-1/4"	270	12.26	PHF TB5040X...
5050	70	2 5/8	125	5	14 225	178.0	127.0	171.0	–	3	7/8" x 2-1/4"	270	15.18	PHF TB5050X...
6050	95	3 7/8	150	6	31 840	235.0	127.0	228.6	171.5	4	1-1/2" x 3-1/2"	883	25.00	PHF TB6050X...
7060	110	4 5/8	170	7	46 965	260.4	152.4	254.0	196.9	4	1-1/2" x 3-1/2"	883	34.00	PHF TB7060X...
8065	130	5 1/16	190	8	51 480	285.8	165.1	279.4	222.3	4	1-1/2" x 3-1/2"	883	45.00	PHF TB8065X...
10085	170	6 9/16	260	10	98 110	374.7	215.9	368.3	298.5	4	1-1/2" x 4-1/2"	1 547	104.00	PHF TB10085X...
120100	200	7 9/16	290	12	171 405	438.2	254.0	431.8	362.0	5	1-1/2" x 4-1/2"	1 547	163.00	PHF TB120100X...

¹⁾ Except as noted

Note: Bushings cannot be bored out larger than listed.

Bushings are supplied with screws: 1008 - 3030 (2 screws); 3525 - 6050 (3 screws); 7060 - 10085 (4 screws); and 120100 (6 screws).

²⁾ Bushings are also available with coarse thread (UNC) according to ASME/ANSI standard. To complete designation, add U before bushing number and bore size at the end of designation, e.g. PHF TBU3525X70MM.

³⁾ Screw size x length. A is the diameter at the face of the bush and D is the bolt pitch diameter.

To complete designation, add bore size. For example: PHF TB1215X16MM designates a 1215 taper bushing with a 16 mm bore.

⁴⁾ Indicates shallow key required (e.g. DIN 6885/3).

Sizes 1008 - 3030 may be supplied in either 3 hole or 4 hole. There is no difference in their respective performance characteristics.

Taper bushings are also available in steel (AISI 1045). MOQs may apply.

Metric bores and keyway

Bore diameter	Keyway Width	Depth	Shallow keyway depth	Bore sizes available																
				1008	1108	1210	1610	1615	2012	2517	3020	3030	3525	3535	4030	4040	4535	4545	5040	5050
mm				—																
9	3	1.4	—	•	•															
10	3	1.4	—	•	•															
11	4	1.8	—	•		•														
12	4	1.8	—	•	•	•														
14	5	2.3	—	•	•	•	•	•	•											
15	5	2.3	—	•	•	•	•	•	•											
16	5	2.3	—	•	•	•	•	•	•	•										
18	6	2.8	—	•	•	•	•	•	•	•										
19	6	2.8	—	•	•	•	•	•	•	•										
20	6	2.8	—	•	•	•	•	•	•	•										
22	6	2.8	—	•	•	•	•	•	•	•										
24	8	3.3	1.3	• 1)	•	•	•	•	•	•										
25	8	3.3	1.3	• 1)	•	•	•	•	•	•	•									
28	8	3.3	1.3		• 1)	•	•	•	•	•	•									
30	8	3.3	—			•	•	•	•	•	•									
32	10	3.3	—			•	•	•	•	•	•									
35	10	3.3	—			•	•	•	•	•	•	•								
38	10	3.3	—			•	•	•	•	•	•	•	•							
40	12	3.3	1.3			•	•	• 1)	•	•	•	•	•		•	•				
42	12	3.3	1.3			•	•	• 1)	•	•	•	•	•		•	•				
45	14	3.8	—						•	•	•	•	•	•	•	•				
48	14	3.8	—						•	•	•	•	•	•	•	•				
50	14	3.8	—						•	•	•	•	•	•	•	•				
55	16	4.3	—						•	•	•	•	•	•	•	•	•	•		
60	18	4.4	—						•	•	•	•	•	•	•	•	•	•	•	
65	18	4.4	—							•	•	•	•	•	•	•	•	•		
70	20	4.9	—							•	•	•	•	•	•	•	•	•	•	
75	20	4.9	—							•	•	•	•	•	•	•	•	•	•	•
80	22	5.4	—								•	•	•	•	•	•	•	•	•	•
85	22	5.4	—									•	•	•	•	•	•	•	•	•
90	25	5.4	—										•	•	•	•	•	•	•	•
95	25	5.4	—										•	•	•	•	•	•	•	•
100	28	6.4	4.4										• 1)	•	•	•	•	•	•	•
105	28	6.4	—											•	•	•	•	•	•	•
110	28	6.4	—												•	•	•	•	•	•
110	32	7.4	5.4												• 1)	•	• 1)	•	•	•
120	32	7.4	—													•	•	•	•	•
125	32	7.4	—														•	•	•	•
130	32	7.4	—															•	•	•
140	32	8.4	6.4																• 1)	•

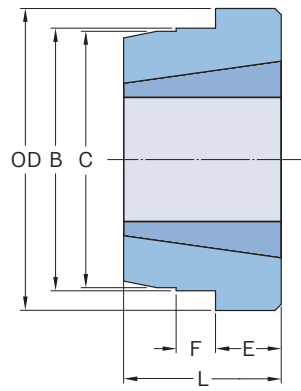
Inch bores and keyway

Bore diameter	Keyway Width	Depth	Shallow keyway depth	Bore sizes available																
				1008	1108	1210	1610	1615	2012	2517	3020	3030	3525	3535	4030	4040	4535	4545	5040	5050
in.				—																
3/8	1/8	1/16	—	•	•															
1/2	1/8	1/16	—	•	•				•	•										
5/8	3/32	3/32	—	•	•	•	•	•	•	•										
3/4	3/32	3/32	—	•	•	•	•	•	•	•										
7/8	1/4	1/8	—	•	•	•	•	•	•	•										
1	1/4	1/8	1/16	• 1)	•	•	•	•	•	•	•	•								
1 1/8	5/16	1/8	5/64		• 1)	•	•	•	•	•	•	•								
1 1/4	5/16	1/8	—			•	•	•	•	•	•	•								
1 3/8	3/8	1/8	—				•	•	•	•	•	•								
1 1/2	3/8	1/8	—				•	•	•	•	•	•	•							
1 5/8	7/16	5/32	1/8				•	• 1)	•	•	•	•	•							
1 3/4	7/16	5/32	—						•	•	•	•	•							
1 7/8	1/2	5/32	—						•	•	•	•	•							
2	1/2	5/32	—						•	•	•	•	•							
2 1/8	5/8	7/32	—							•	•	•	•	•						
2 1/4	5/8	7/32	—							•	•	•	•	•						
2 3/8	5/8	7/32	—							•	•	•	•	•						
2 1/2	5/8	7/32	—							•	•	•	•	•						
2 5/8	3/4	1/4	—								•	•	•	•						
2 3/4	3/4	1/4	—								•	•	•	•						
2 7/8	3/4	1/4	—								•	•	•	•						
3	3/4	1/4	—								•	•	•	•						
3 1/8	7/8	5/16	—									•	•	•						
3 1/4	7/8	5/16	—										•	•						
3 3/8	7/8	5/16	—										•	•						
3 1/2	7/8	5/16	—											•						
3 3/4	1	3/8	5/16											• 1)						
4	1	3/8	7/32											• 1)						
4 1/4	1 1/4	7/16	—												•					
4 1/2	1 1/4	7/16	11/32												• 1)					
4 3/4	1 1/4	7/16	—													•				
5	1 1/4	7/16	11/32														• 1)			

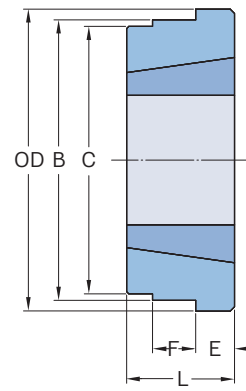
1) Bushing comes with a shallow keyway.

Weld-on hubs

W taper bushed | WH taper bushed



Type W

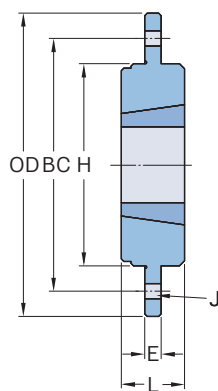


Type WH

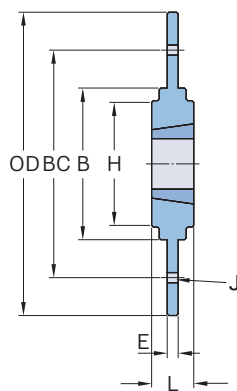
Type	Bushing number	Dimensions						Designation
		OD	B	C	L	E	F	
–	–	mm						–
W	1 215	73.03	63.50	62.71	38.1	15.88	9.53	PHH W12
	1 615	82.55	73.03	72.24	38.1	15.88	9.53	PHH W16
	2 017	101.60	88.90	88.11	44.4	19.05	11.91	PHH W20
	2 517	127.00	111.13	110.34	44.4	19.05	12.70	PHH W25
	3 030	149.86	133.35	132.56	76.2	25.40	19.05	PHH W30
	3 535	184.15	158.75	157.96	88.9	31.75	25.40	PHH W35
	4 040	225.43	196.85	196.06	101.6	31.75	31.75	PHH W40
	4 545	254.00	222.25	221.46	114.3	38.10	38.10	PHH W45
	5 040	230.00	220.00	219.50	102.0	40.00	35.00	PHH WH50-1
	5 050	230.00	220.00	219.50	127.0	40.00	35.00	PHH WH50-2
WH	1 210	70.00	65.00	64.50	25.0	9.00	10.00	PHH WH12
	1 610	80.00	75.00	74.50	25.0	9.00	10.00	PHH WH16
	2 012	95.00	90.00	89.50	32.0	12.00	12.00	PHH WH20
	2 517	115.00	110.00	109.50	44.0	19.00	15.00	PHH WH25
	3 020	145.00	140.00	139.50	50.0	20.00	15.00	PHH WH30
	3 535	190.00	180.00	179.50	89.0	25.00	25.00	PHH WH35-2
	4 030	200.00	190.00	189.50	76.0	32.00	30.00	PHH WH40-1
	4 040	200.00	190.00	189.50	101.0	32.00	30.00	PHH WH40-2
	4 535	210.00	200.00	199.50	89.0	40.00	30.00	PHH WH45-1
	4 545	210.00	200.00	199.50	114.0	40.00	30.00	PHH WH45-2
	5 040	230.00	220.00	219.50	102.0	40.00	35.00	PHH WH50-1
	5 050	230.00	220.00	219.50	127.0	40.00	35.00	PHH WH50-2
	5 040	230.00	220.00	219.50	102.0	40.00	35.00	PHH WH50-1
	5 050	230.00	220.00	219.50	127.0	40.00	35.00	PHH WH50-2
	5 040	230.00	220.00	219.50	102.0	40.00	35.00	PHH WH50-1
	5 050	230.00	220.00	219.50	127.0	40.00	35.00	PHH WH50-2

Bolt-on hubs / Adapters

BF taper bushed | SM taper bushed | Taper bushed adapters



Type BF

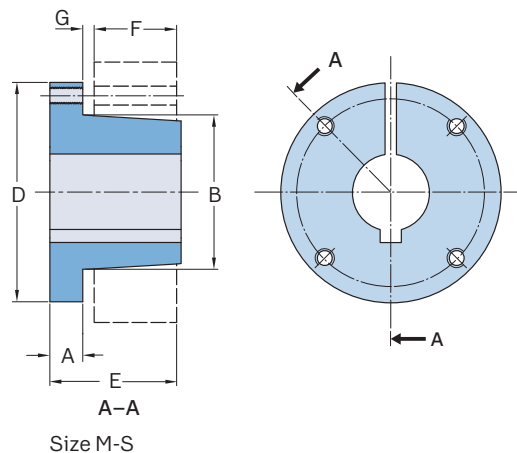
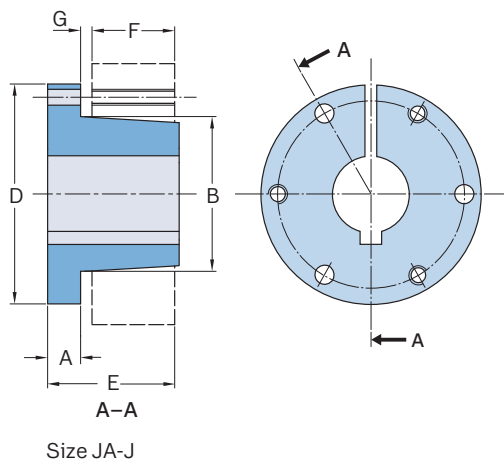


Type SM

Type	Bushing number	Dimensions							Designation
		OD	B	BC	L	E	H	J ¹⁾	
–	–	mm							–
BF	1 210	120	–	100	25	6.5	80	6 × 6.6	PHH BF12
	1 610	130	–	110	25	6.5	90	6 × 6.6	PHH BF16
	2 012	145	–	125	32	8.5	100	6 × 9.0	PHH BF20
	2 517	185	–	155	44	11.5	130	6 × 11.0	PHH BF25
	3 020	220	–	190	50	11.5	165	6 × 13.0	PHH BF30
SM	1 210	180	75	135	25	6.5	90	6 × 7.5	PHH SM12
	1 615	200	85	150	38	7.5	110	6 × 7.5	PHH SM16
	2 012	270	110	190	32	8.5	140	6 × 9.5	PHH SM20
	2 517	340	125	240	45	9.5	170	8 × 11.5	PHH SM25
	3 020	430	160	300	51	13.5	220	8 × 13.5	PHH SM30-1
	3 020	485	160	340	51	13.5	250	8 × 13.5	PHH SM30-2

¹⁾ Number of screw holes x hole diameter.

QD Bushings



Size	Bore range			Nom. torque	Dimensions						Set screw size		Screw torque		Average mass		Designation
	Min.	Standard keyway Max.	Shallow keyway		A	B	D	E	F	G	UNC Grade 5				kg	lbs.	
–	mm			Nm	mm						Qty	inch	Nm				–
JA	9.53	25.40	31.75	113	7.90	35.10	50.80	25.40	14.22	3.05	3	10-24 × 1	6 779 088	0.40	0.9		PHF JA...
SH	12.70	34.92	42.86	395	10.90	47.80	66.80	33.27	20.57	3.05	3	1/4"-20 × 1-3/8	122 023 584	0.50	1.0		PHF SH...
SDS	12.70	42.86	50.80	565	10.90	55.40	80.80	33.27	19.05	3.05	3	1/4"-20 × 1-3/8	122 023 584	0.72	1.0		PHF SDS...
SD	12.70	42.86	49.21	565	10.90	55.40	80.80	45.97	31.75	3.05	3	1/4"-20 × 1-3/8	122 023 584	0.93	1.5		PHF SD...
SK	12.70	53.97	63.50	791	14.20	71.40	98.60	49.02	31.75	5.58	3	5/16"-18 × 2	20 337 264	0.90	2.0		PHF SK...
SF	12.70	74.61	71.43	1 243	16.00	79.50	117.60	52.32	31.75	5.58	3	3/8"-16 × 2	40 674 528	2.23	3.0		PHF SF...
E	22.26	73.02	88.90	2 260	22.40	97.30	152.40	69.85	41.02	6.35	3	1/2"-13 × 2-3/4	81 349 056	4.62	10.0		PHF E...
F	25.40	100.01	100.01	3 390	25.40	112.50	168.40	95.25	63.50	8.64	3	9/16"-12 × 3-5/8	10 168 632	5.20	11.5		PHF F...
J	36.51	95.25	114.30	5 084	28.70	130.60	184.20	122.68	80.77	9.65	3	5/8"-11 × 4-1/2	183 035 376	8.20	18.0		PHF J...
M	74.61	120.65	139.70	9 604	31.80	165.10	228.60	171.45	131.57	10.41	4	3/4"-10 × 6-3/4	30 505 896	27.00	37.0		PHF M...
N	61.91	130.18	152.40	16 948	38.10	177.80	254.00	206.25	158.75	14.22	4	7/8"-9 × 8	40 674 528	37.50	57.0		PHF N...
P	74.61	150.81	177.80	28 246	44.50	209.60	298.50	238.25	184.15	16.02	4	1"-8 × 9-1/2	61 011 792	54.40	120.0		PHF P...
W	101.60	190.50	215.90	42 369	50.80	264.70	381.00	289.05	228.60	12.70	4	1-1/8"-7 × 11-1/2	81 349 056	113.40	250.0		PHF W...
S	152.40	209.55	254.00	70 616	69.90	308.10	450.90	387.35	304.80	19.05	4	1-1/4"-7 × 15-1/2	1 017	181.40	400.0		PHF S...

To complete the designation, add bore size in inch or millimeters (standard bore sizes available on next page).
E.g.: PHF SDS-1-11/16 and PHF SDS-25MM.

Inch bores and keyway

Bushing number	Bore	Bushing number
–	in.	
JA	3/8 – 7/8 1/2 1 1/16 – 1 1/8 1 3/16 1 1/4	No keyway STD 1/4 x 1/16 1/4 x 1/16 No keyway
SH	1/2 – 1 3/8 1 7/16 – 1 1/2 1 9/16 – 1 5/8 1 11/16	STD 3/8 x 1/16 3/8 x 1/16 No keyway
SDS	1/2 – 1 11/16 1 3/4 1 13/16 1 7/8 – 1 15/16 2	STD 3/8 x 1/8 1/2 x 1/8 1/2 x 1/16 No keyway
SD	1/2 – 1 11/16 1 3/4 1 13/16 1 7/8 1 15/16 2	STD 3/8 x 1/8 1/2 x 1/8 1/2 x 1/16 1/2 x 1/16 No keyway
SK	1/2 – 2 1/8 2 3/16 – 2 1/4 2 5/16 – 2 1/2 2 9/16 – 2 5/8	STD 1/2 x 1/8 1 5/8 x 1/16 No keyway
SF	1/2 – 2 1/4 2 5/16 – 2 1/2 2 9/16 – 2 3/4 2 13/16 – 2 7/8 2 15/16	STD 1 5/8 x 3/16 5/8 x 1/16 3/4 x 1/16 3/4 x 1/32
E	7/8 – 2 7/8 2 15/16 – 3 1/4 3 5/8 – 3 1/2	STD ¹⁾ 3/4 x 1/8 7/8 x 1/16
F	1 – 3 15/16 3 3/8 – 3 3/4 3 7/8 – 3 15/16 4	STD ¹⁾ 7/8 x 3/16 1 x 1/8 No keyway
J	1 1/4 – 3 3/4 3 13/16 – 4 1/2	STD ¹⁾ 1 x 1/8
M	2 – 4 3/4 4 13/16 – 5 1/2	STD ¹⁾ 1 1/4 x 1/4
N	2 7/16 5 7/8 – 5 1/2 5 9/16	STD ¹⁾ 1 1/4 x 1/4 1 1/2 x 1/4
P	2 15/16 – 5 15/16 6 – 6 1/2 6 9/16	STD ¹⁾ 1 1/2 x 1/4 1 3/4 x 1/8
W	4 – 7 1/2 7 9/16 – 8 1/2	STD ¹⁾ 2 x 1/4

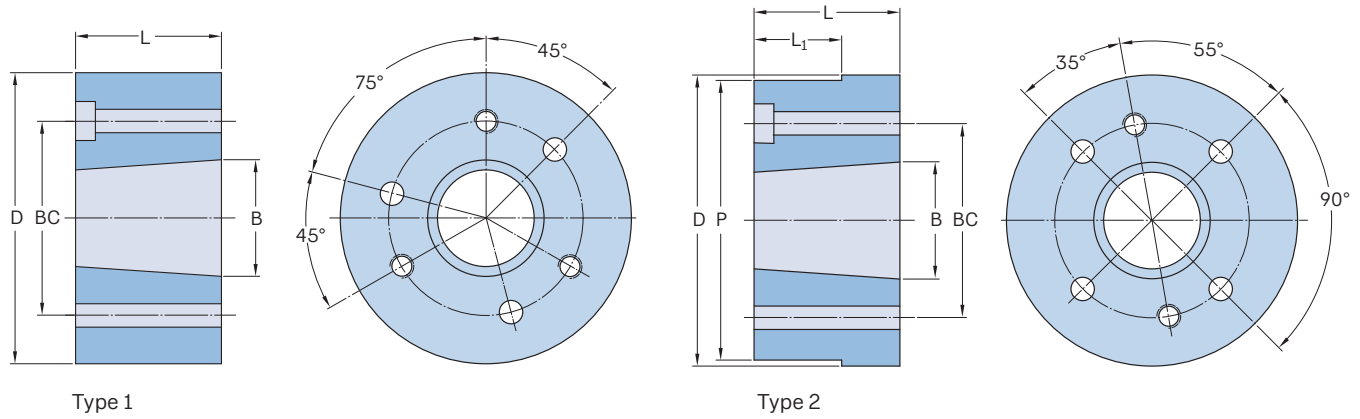
¹⁾ Please contact SKF for details.

Metric bores and keyway

Bushing number	Bore	Keyway - WxT
–	mm	
SH	24.25 28.30 32.35	8 x 7 – 10 x 8
SDS	24.25 28.30 32.35 38 40.42	8 x 7 – 10 x 8 – 12 x 8
SD	24.25 28.30 32.35 38 40.42	8 x 7 – 10 x 8 – 12 x 8
SK	24.25 28.30 32.35 38 40.42 48.50 55	8 x 7 – 10 x 8 – 12 x 8 – 14 x 9 16 x 10
SF	28.30 32.35 38 40.42 48.50 55 60	8 x 7 10 x 8 – 12 x 8 14 x 9 16 x 10 18 x 11
E	35.38 40.42 48.50 55 60.65 70.75	10 x 8 12 x 8 14 x 9 16 x 10 18 x 11 20 x 12
F	48.50 55 60.65 70.75 80.85 90	14 x 9 16 x 10 18 x 11 20 x 12 22 x 14 25 x 14
J	50 55 60.65 70.75 80.85 90.95 100	14 x 9 16 x 10 18 x 11 20 x 12 22 x 14 25 x 14 28 x 16

The metric system does not refer to keyseat or keyway dimensions as the inch system. Instead, dimensions are given for the key itself which is rectangular in shape, not square as in the inch system.

QD Weld-on hubs



Bushing number	Dimensions						Type drilling	Average mass	Mounting	Designation
	D	L	B	P	L ₁	BC				
–	mm						–	kg	–	–
JA	57.2	14.3	34.9	–	–	42.1	1	0.18	Std or reverse mount	PHH WJA
SH	76.2	20.6	47.5	–	–	57.2	1	0.45	Std or reverse mount	PHH WSH
SDS	88.9	19.1	55.6	–	–	68.3	1	0.57	Std or reverse mount	PHH WSDS
SK	111.1	31.8	71.5	–	–	84.1	1	1.36	Std or reverse mount	PHH WSK
SF	127.0	31.8	79.4	–	–	98.4	1	1.81	Std or reverse mount	PHH WSF
E	158.8	41.3	97.3	–	–	127.0	1	4.08	Std or reverse mount	PHH WE
F	177.8	63.5	112.7	–	–	142.9	1	7.26	Std or reverse mount	PHH WF
J	196.9	81.0	130.6	–	–	158.8	1	10.21	Std or reverse mount	PHH WJ
M	241.3	131.8	164.9	235.0	90.5	200.0	2	22.69	Std mount only	PHH WM
N	266.7	158.8	177.5	260.4	114.3	215.9	2	34.03	Std mount only	PHH WN
P	330.2	184.2	209.3	–	–	254.0	2	70.33	Std mount only	PHH WP
W	393.7	228.6	265.1	–	–	323.9	2	136.12	Std mount only	PHH WW
S	495.3	304.8	308.0	476.3	–	381.0	2	253.18	Std mount only	PHH WS

To complete the designation, add bore size in inch or millimeters (standard bore sizes available on next page).
 E.g.: PHF SDS-1-11/16 and PHF SDS-25MM.



FX 10

- Not self-centering (Guide recommended)
- Range from 20-900 mm (larger sizes on request)
- Narrow width (depth)
- Medium torque capability
- Moderate hub stresses (Pn)
- Self-releasing
- No axial movement during tightening



FX 50

- Self-centering
- Expansive design
- Limited range from 20–140 mm
- Narrow width (depth)
- Low-medium torque capability
- Low hub stresses (Pn)



FX 20

- Self-centering
- Limited range from 20–130 mm
- Small outside diameter (but longer)
- Medium torque capability
- Low-moderate hub stresses
- No axial movement while tightening



FX 51

- Self-centering
- Range from 20-200 mm in standard range
- Available up to 400 mm (subject to MOQ)
- Medium torque capability
- No axial movement while tightening
- Moderate-high hub stresses (Pn)



FX30/FX 31

- Not self-centering (element Rings only)
- Range from 6-540 mm
- Small profile
- Light torque capability
- Low hub stresses (Pn)
- May be used in multiple series
- Additional thrust ring/cap required
- Outer/inner rings slotted for FX31



FX 52

- Limited self-centering
- Limited range from 14-50 mm
- Low – medium Torque capability
- No axial movement
- Narrower than the FX51 (Lower capacity)
- Moderate hub stresses (Pn)



FX 40

- Self-centering
- Limited range from 20-140 mm
- Medium torque capability
- Axial movement while tightening
- Moderate hub stresses (Pn)



FX 60

- Excellent self-centering
- Range from 25-400 mm in standard range
- One piece center ring and outer sleeve.
- Larger sizes available on request (subj. to MOQ)
- High – heavy torque capability
- Axial movement while tightening
- Low – moderate hub stresses (Pn)
- See also FX61 and FX400
- No inner sleeve. The taper rings mount directly on shaft



FX 41

- Limited self-centering capability (compared FX40)
- Range from 20–200 mm (larger sizes on request)
- Narrow width (depth) than FX40
- Medium torque capability
- Axial movement while tightening
- Moderate hub stresses (Pn)



FX 61

- Same characteristics and capacity as the FX60
- Two piece center ring and outer sleeve
- Range from 25 - 400 mm
- Axial movement while tightening
- Self-locking
- Cost Factor ≤ 4.65
- Same dimensions as FX60 and FX400
- No inner sleeve. The taper rings mount directly on shaft



FX 65

- Similar in diameters to FX60, FX61/ FX400 series
- Narrow width series
Available from 100 to 500 mm bore (Larger sizes and "inch" bores available on request, subject to MOQ)
- Two piece outer ring
- One piece inner sleeve
- Accepts greater bending moment (MB) than standard one piece outer ring constructions. (Torsional capacity is reduced)
- No axial movement during setscrew tightening



FX 130

- Rigid coupling
- Constrictive design
- Same or differing shaft diameters possible
- Zero backlash
- Compact
- Ease of Installation
- Low to medium torque capacity
- Limited shaft capacity; 70 – 80 mm



FX 140

- Limited self-centering
- Range from 18-90 mm
- Light-medium torque capability
- No axial movement
- Reduced length (L3)
- Moderate-high hub stresses (Pn)



FX 80

- Self-centering
- Expansive design
- Limited range from 14-70 mm
- Light duty applications
- Low torque capability
- Low hub stresses
- C Spanner nut only, therefore fast mounting



FX 190

- Shrink disc (3 series)
- Constrictive design
- Range from 20-200 mm in standard range
- Heavy duty. Very high torque
- No axial movement
- High shaft stresses (PW)
- Cost factor 1.65



FX 90

- Self-centering
- Longer (L3) version of the FX80
- Limited range from 14- 60 mm
- Light duty applications
- Low torque capability
- Low hub stresses
- C Spanner nut only, therefore fast mounting



FX 350

- Self-centering
- Range from 10-25 mm
- Low torque capability
- No axial movement
- Narrow face width (L3)
- Low-moderate hub stresses (Pn)



FX 120

- Not self-centering
- Expansive design
- Limited range from 18- 80 mm
- Light duty applications
- Low torque capability
- Low hub stresses
- Fewer setscrews for faster mounting



FX 400

- Self-centering
- Range from 30-400 mm
- Has an inner and outer sleeve
- With loose center ring in contact with both inner and outer sleeve.
- High torque capability
- No axial movement
- Same dimensions as FX60 and FX61
- Low-moderate hub stresses (Pn)



FX 195

- Shrink disc
- Constrictive design
- Range from 12-300 mm in standard range
- High torque
- No axial movement during tightening
- High shaft stresses (PW)



FX 75

- Self-centering
- Low torque capacity
- Self-locking
- Limited bore range; 4-20 mm
- Axial movement during tightening
- Available in stainless steel (on request)
- Series is subject to MOQ.

In all series

- Surface roughness Ra. (max) 12.5 µm
- Typical tolerances:
 - H8 (bore)
 - h8 (shaft)
- Setscrews are Grade 12.9 acc. to DIN912 (except FX80, FX90 and FX75)
- Imperial (inch) dimensions, bore only, are available for most sizes, (may be subject to MOQ). All other dimensions remain metric.
- Where “cost factors” are given, these are indicative only, and are relative to the same bore size for Series FX10

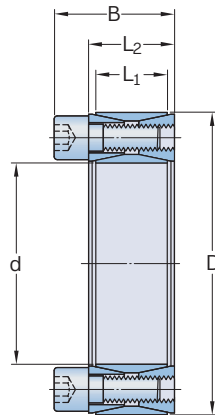
NOTE

These may be subject to minimum order quantities (MOQ). Please refer to SKF for details.

IMPORTANT

In the larger Heavy Duty series (e.g. FX6x.x etc.) the size and the number of setscrews may vary from that of the competitors.

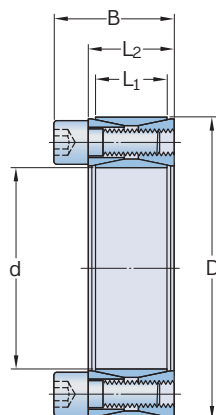
FX keyless bushings
FX10



FX10

Bushing no.	Dimensions							Transmissible axial force F _t	Transmissible torque M _t	Shaft surface pressure P _w	Hub surface pressure P _n	Clamp screws	Clamp screws size	Screw tighten- ing torque M _s	Mass	Designation
	d	D	L ₁	L ₂	L ₃	B	D ₁									
—	mm							kN	Nm	N/mm ²		Quantity		Nm	kg	—
FX10	14	42	17	20	-	26	-	26	180	291	97	8	M6	17	0.18	PHF FX10-14X42
	15	42	17	20	-	26	-	27	200	292	101	8	M6	17	0.18	PHF FX10-15X42
	16	44	17	20	-	26	-	26	205	251	99	8	M6	17	0.18	PHF FX10-16X44
	17	44	17	20	-	26	-	33	220	305	110	8	M6	17	0.22	PHF FX10-17X44
	18	47	17	20	-	26	-	33	230	290	110	8	M6	17	0.22	PHF FX10-18X47
	19	47	17	20	-	26	-	33	270	275	110	8	M6	17	0.22	PHF FX10-19X47
	20	47	17	20	-	27.5	-	27	290	210	90	8	M6	15	0.2	PHF FX10-20X47
	22	47	17	20	-	27.5	-	27	300	195	90	8	M6	15	0.2	PHF FX10-22X47
	24	50	17	20	-	27.5	-	30	360	195	95	8	M6	15	0.3	PHF FX10-24X50
	25	50	17	20	-	27.5	-	30	380	190	95	8	M6	15	0.3	PHF FX10-25X50
	28	55	17	20	-	27.5	-	33	470	185	95	10	M6	15	0.3	PHF FX10-28X55
	30	55	17	20	-	27.5	-	33	500	175	95	10	M6	15	0.3	PHF FX10-30X55
	32	60	17	20	-	27.5	-	40	630	192	105	12	M6	15	0.3	PHF FX10-32X60
	35	60	17	20	-	27.5	-	40	700	180	105	12	M6	15	0.3	PHF FX10-35X60
	38	65	17	20	-	27.5	-	46	870	188	110	14	M6	15	0.4	PHF FX10-38X65
	40	65	17	20	-	27.5	-	46	920	180	110	14	M6	15	0.3	PHF FX10-40X65
	42	75	20	24	-	33.5	-	72	1500	226	125	12	M8	37	0.6	PHF FX10-42X75
	45	75	20	24	-	33.5	-	72	1610	210	125	12	M8	37	0.6	PHF FX10-45X75
	48	80	20	24	-	33.5	-	71	1700	196	115	12	M8	37	0.6	PHF FX10-48X80
	50	80	20	24	-	33.5	-	71	1770	190	115	12	M8	37	0.6	PHF FX10-50X80
	55	85	20	24	-	33.5	-	83	2 270	200	130	14	M8	37	0.6	PHF FX10-55X85
	60	90	20	24	-	33.5	-	83	2 470	180	120	14	M8	37	0.7	PHF FX10-60X90
	65	95	20	24	-	33.5	-	93	3 040	190	130	16	M8	37	0.7	PHF FX10-65X95
	70	110	24	28	-	39.5	-	132	4 600	210	130	14	M10	70	1.3	PHF FX10-70X110
	75	115	24	28	-	39.5	-	131	4 900	195	125	14	M10	70	1.3	PHF FX10-75X115
	80	120	24	28	-	39.5	-	131	5 200	180	120	14	M10	70	1.4	PHF FX10-80X120
	85	125	24	28	-	39.5	-	148	6 300	195	130	16	M10	70	1.4	PHF FX10-85X125
	90	130	24	28	-	39.5	-	147	6 600	180	125	16	M10	70	1.5	PHF FX10-90X130
	95	135	24	28	-	39.5	-	167	7 900	195	135	18	M10	70	1.6	PHF FX10-95X135
	100	145	26	33	-	47	-	192	9 600	195	135	14	M12	127	2.2	PHF FX10-100X145
	110	155	26	33	-	47	-	191	10 500	180	125	14	M12	127	2.5	PHF FX10-110X155
	120	165	26	33	-	47	-	218	13 100	185	135	16	M12	127	2.6	PHF FX10-120X165
	130	180	34	38	-	52	-	272	17 600	165	115	20	M12	127	3.8	PHF FX10-130X180
	140	190	34	38	-	52	-	298	20 900	165	125	22	M12	127	3.9	PHF FX10-140X190
	150	200	34	38	-	52	-	324	24 200	170	125	24	M12	127	4	PHF FX10-150X200
	160	210	34	38	-	52	-	350	28 000	170	130	26	M12	127	4.3	PHF FX10-160X210
	170	225	38	44	-	60	-	386	32 800	160	120	22	M14	195	5.8	PHF FX10-170X225
	180	235	38	44	-	60	-	420	37 800	165	125	24	M14	195	6	PHF FX10-180X235
	190	250	46	52	-	68	-	490	46 500	150	115	28	M14	195	8.5	PHF FX10-190X250
	200	260	46	52	-	68	-	525	52 500	150	115	30	M14	195	8.6	PHF FX10-200X260
	220	285	50	56	-	74	-	620	68 000	150	115	26	M16	300	11	PHF FX10-220X285
	240	305	50	56	-	74	-	715	85 500	160	125	30	M16	300	12	PHF FX10-240X305
	260	325	50	56	-	74	-	800	104 000	165	130	34	M16	300	13	PHF FX10-260X325
	280	355	60	66	-	86.5	-	915	128 000	145	115	32	M18	410	19	PHF FX10-280X355
	300	375	60	66	-	86.5	-	1 020	153 000	150	120	36	M18	410	20	PHF FX10-300X375
	320	405	72	78	-	100.5	-	1 310	210 000	150	120	36	M20	590	30	PHF FX10-320X405
	340	425	72	78	-	100.5	-	1 310	224 000	145	115	36	M20	590	30.1	PHF FX10-340X425
	360	455	84	90	-	116	-	1 630	294 000	145	115	36	M22	790	42	PHF FX10-360X455
	380	475	84	90	-	116	-	1 620	308 000	135	110	36	M22	790	44	PHF FX10-380X475
	400	495	84	90	-	116	-	1 610	322 000	130	105	36	M22	790	46	PHF FX10-400X495

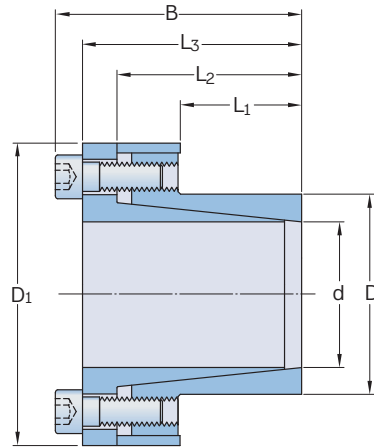
FX keyless bushings
FX10



FX10

Bushing no.	Dimensions							Transmissible axial force	Transmissible torque	Shaft surface pressure	Hub surface pressure	Clamp screws	Clamp screws size	Screw tightening torque	Mass	Designation
	d	D	L ₁	L ₂	L ₃	B	D ₁	F _t	M _t	P _w	P _n	Quantity		M _s		
–	mm							kN	Nm	N/mm ²				Nm	kg	–
FX10	420	515	84	90	-	116	-	1 780	370 000	135	110	40	M22	790	50	PHF FX10-420X515
	440	545	96	102	-	130	-	2 050	450 000	130	105	40	M24	1 000	65	PHF FX10-440X545
	460	565	96	102	-	130	-	2 030	465 000	125	100	40	M24	1 000	67	PHF FX10-460X565
	480	585	96	102	-	130	-	2 150	505 000	125	100	42	M24	1 000	71	PHF FX10-480X585
	500	605	96	102	-	130	-	2 200	553 000	125	100	44	M24	1 000	73	PHF FX10-500X605
	520	630	96	102	-	130	-	2 300	592 000	125	100	45	M24	1 000	80	PHF FX10-520X630
	540	650	96	102	-	130	-	2 320	618 000	120	100	45	M24	1 000	82	PHF FX10-540X650
	560	670	96	102	-	130	-	2 430	670 000	120	100	48	M24	1 000	85	PHF FX10-560X670
	580	690	96	102	-	130	-	2 520	727 000	120	100	50	M24	1 000	88	PHF FX10-580X690
	600	710	96	102	-	130	-	2 565	770 000	120	100	50	M24	1 000	91	PHF FX10-600X710
	620	730	96	102	-	130	-	2 647	818 000	120	100	52	M24	1 000	93	PHF FX10-620X730
	640	750	96	102	-	130	-	2 698	860 000	115	100	54	M24	1 000	96	PHF FX10-640X750
	660	770	96	102	-	130	-	2 790	919 000	120	100	56	M24	1 000	99	PHF FX10-660X770
	680	790	96	102	-	130	-	2 820	955 000	115	100	56	M24	1 000	102	PHF FX10-680X790
	700	810	96	102	-	130	-	2 945	1 018 000	115	100	60	M24	1 000	104	PHF FX10-700X810
	720	830	96	102	-	130	-	2 965	1 060 000	115	100	60	M24	1 000	107	PHF FX10-720X830
	740	850	96	102	-	130	-	3 065	1 128 000	115	100	62	M24	1 000	110	PHF FX10-740X850
	760	870	96	102	-	130	-	3 170	1 200 000	115	100	64	M24	1 000	113	PHF FX10-760X870
	780	890	96	102	-	130	-	3 205	1 235 000	115	100	65	M24	1 000	116	PHF FX10-780X890
	800	910	96	102	-	130	-	3 260	1 287 000	115	100	66	M24	1 000	118	PHF FX10-800X910

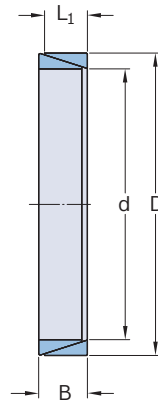
FX keyless bushings
FX20



FX20

Bushing no.	Dimensions							Transmissible axial force	Transmissible torque	Shaft surface pressure	Hub surface pressure	Clamp screws	Clamp screws size	Screw tightening torque	Mass	Designation
	d	D	L ₁	L ₂	L ₃	B	D ₁	F _t	M _t	P _w	P _n	Quantity		M _s		
–	mm							kN	Nm	N/mm ²				Nm	kg	–
FX20	6	14	10	18.5	21.0	24.0	25	4.5	13	190	80	3	M3	2.0	0.04	PHF FX20-6X14
	7	15	12	22.0	25.0	29.0	27	6.5	24	230	110	3	M4	4.9	0.06	PHF FX20-7X15
	8	15	12	22.0	25.0	29.0	27	6.7	25	210	110	3	M4	4.9	0.05	PHF FX20-8X15
	9	16	14	23.0	26.0	30.0	28	10.0	45	210	120	4	M4	4.9	0.06	PHF FX20-9X16
	10	16	14	23.0	26.0	30.0	28	10.0	49	180	120	4	M4	4.9	0.06	PHF FX20-10X16
	11	18	14	23.0	26.0	30.0	32	10.0	54	170	105	4	M4	4.9	0.07	PHF FX20-11X18
	12	18	14	23.0	26.0	30.0	32	10.0	60	155	105	4	M4	4.9	0.07	PHF FX20-12X18
	13	23	14	23.0	26.0	30.0	38	10.0	63	145	85	4	M4	4.9	0.11	PHF FX20-13X23
	14	23	14	23.0	26.0	30.0	38	10.0	70	135	85	4	M4	4.9	0.10	PHF FX20-14X23
	15	24	16	29.0	36.0	42.0	45	17.1	120	185	120	3	M6	17.0	0.22	PHF FX20-15X24
	16	24	16	29.0	36.0	42.0	45	17.1	140	180	120	3	M6	17.0	0.22	PHF FX20-16X24
	17	26	18	31.0	38.0	44.0	47	22.0	180	190	125	4	M6	17.0	0.25	PHF FX20-17X26
	18	26	18	31.0	38.0	44.0	47	22.0	200	180	125	4	M6	17.0	0.24	PHF FX20-18X26
	19	27	18	31.0	38.0	44.0	49	22.0	210	170	120	4	M6	17.0	0.26	PHF FX20-19X27
	20	28	18	31.0	38.0	44.0	50	22.0	220	160	115	4	M6	17.0	0.27	PHF FX20-20X28
	22	32	25	38.0	45.0	51.0	54	22.0	250	115	80	4	M6	17.0	0.34	PHF FX20-22X32
	24	34	25	38.0	45.0	51.0	56	22.0	270	105	75	4	M6	17.0	0.36	PHF FX20-24X34
	25	34	25	38.0	45.0	51.0	56	22.0	290	100	75	4	M6	17.0	0.35	PHF FX20-25X34
	28	39	25	38.0	45.0	51.0	61	33.0	465	135	100	6	M6	17.0	0.48	PHF FX20-28X39
	30	41	25	38.0	45.0	51.0	62	33.0	510	125	90	6	M6	17.0	0.48	PHF FX20-30X41
	32	43	25	38.0	45.0	51.0	65	33.0	540	120	90	6	M6	17.0	0.47	PHF FX20-32X43
	35	47	32	45.0	52.0	58.0	69	45.0	790	105	80	8	M6	17.0	0.58	PHF FX20-35X47
	38	50	32	45.0	52.0	58.0	72	45.0	860	100	75	8	M6	17.0	0.61	PHF FX20-38X50
	40	53	32	45.0	52.0	58.0	75	45.0	900	95	70	8	M6	17.0	0.68	PHF FX20-40X53
	42	55	32	45.0	52.0	58.0	78	45.0	950	90	70	8	M6	17.0	0.76	PHF FX20-42X55
	45	59	45	62.0	70.0	78.0	86	84.0	1890	110	85	8	M8	41.0	1.20	PHF FX20-45X59
	48	62	45	62.0	70.0	78.0	87	84.0	2010	105	80	8	M8	41.0	1.20	PHF FX20-48X62
	50	65	45	62.0	70.0	78.0	92	84.0	2100	100	75	8	M8	41.0	1.40	PHF FX20-50X65
	55	71	55	72.0	80.0	88.0	98	94.0	2600	85	65	9	M8	41.0	1.60	PHF FX20-55X71
	60	77	55	72.0	80.0	88.0	104	94.0	2840	75	60	9	M8	41.0	1.80	PHF FX20-60X77
	65	84	55	72.0	80.0	88.0	111	94.0	3070	70	55	9	M8	41.0	2.10	PHF FX20-65X84
	70	90	65	86.0	96.0	106.0	119	150.0	5250	90	70	9	M10	83.0	3.00	PHF FX20-70X90
	75	95	65	86.0	96.0	106.0	126	150.0	5600	80	65	9	M10	83.0	3.00	PHF FX20-75X95
	80	100	65	86.0	96.0	106.0	131	200.0	8020	100	80	12	M10	83.0	3.50	PHF FX20-80X100
	85	106	65	86.0	96.0	106.0	137	200.0	8500	95	75	12	M10	83.0	3.60	PHF FX20-85X106
	90	112	65	86.0	96.0	106.0	144	200.0	9000	90	75	12	M10	83.0	3.90	PHF FX20-90X112
	95	120	65	86.0	96.0	106.0	149	230.0	11000	100	80	14	M10	83.0	4.40	PHF FX20-95X120
	100	125	65	86.0	96.0	106.0	154	300.0	15000	120	95	18	M10	83.0	4.60	PHF FX20-100X125
	110	140	90	114.0	128.0	140.0	180	290.0	16000	80	65	12	M12	145.0	8.70	PHF FX20-110X140
	120	155	90	114.0	128.0	140.0	198	290.0	17500	70	55	12	M12	145.0	10.60	PHF FX20-120X155
	130	165	90	114.0	128.0	140.0	208	384.0	25000	90	70	16	M12	145.0	11.30	PHF FX20-130X165

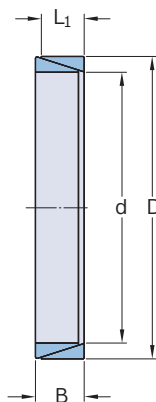
FX keyless bushings
FX30



FX30

Bushing no.	Dimensions				Transmissible axial force	Transmissible torque	Shaft surface pressure	Hub surface pressure	Mass	Designation
	d	D	L ₁	B	F _t	M _t	P _w	P _n		
–	mm				kN	Nm	N/mm ²		kg	–
FX30	6	9	3.7	4.5	0.8	3	115	75	0.002	PHF FX30-6X9
	7	10	3.7	4.5	0.9	3	105	70	0.002	PHF FX30-7X10
	8	11	3.7	4.5	1.2	5	120	90	0.002	PHF FX30-8X11
	9	12	3.7	4.5	1.8	8	140	105	0.002	PHF FX30-9X12
	10	13	3.7	4.5	1.9	10	135	105	0.002	PHF FX30-10X13
	12	15	3.7	4.5	1.9	11	115	90	0.002	PHF FX30-12X15
	13	16	3.7	4.5	2.0	13	110	90	0.002	PHF FX30-13X16
	14	18	5.3	6.3	3.2	22	115	90	0.005	PHF FX30-14X18
	15	19	5.3	6.3	3.2	24	110	85	0.005	PHF FX30-15X19
	16	20	5.3	6.3	3.4	27	105	85	0.006	PHF FX30-16X20
	17	21	5.3	6.3	3.5	30	105	85	0.006	PHF FX30-17X21
	18	22	5.3	6.3	3.6	32	100	80	0.007	PHF FX30-18X22
	19	24	5.3	6.3	5.2	49	140	110	0.007	PHF FX30-19X24
	20	25	5.3	6.3	5.3	53	135	105	0.009	PHF FX30-20X25
	22	26	5.3	6.3	6.0	66	135	115	0.007	PHF FX30-22X26
	24	28	5.3	6.3	6.1	73	130	110	0.008	PHF FX30-24X28
	25	30	5.3	6.3	5.8	72	115	95	0.009	PHF FX30-25X30
	28	32	5.3	6.3	6.3	86	115	100	0.010	PHF FX30-28X32
	30	35	5.3	6.3	6.1	91	100	85	0.011	PHF FX30-30X35
	32	36	5.3	6.3	8.2	131	130	115	0.011	PHF FX30-32X36
	35	40	6.0	7.0	9.8	171	125	110	0.016	PHF FX30-35X40
	36	42	6.0	7.0	9.4	169	115	100	0.021	PHF FX30-36X42
	38	44	6.0	7.0	9.6	181	110	95	0.021	PHF FX30-38X44
	40	45	6.6	8.0	11.6	231	115	105	0.021	PHF FX30-40X45
	42	48	6.6	8.0	11.2	235	110	95	0.026	PHF FX30-42X48
	45	52	8.6	10.0	15.7	353	105	95	0.045	PHF FX30-45X52
	48	55	8.6	10.0	23.8	572	155	135	0.043	PHF FX30-48X55
	50	57	8.6	10.0	24.1	602	150	130	0.045	PHF FX30-50X57
	55	62	8.6	10.0	24.4	670	140	125	0.049	PHF FX30-55X62
	56	64	10.4	12.0	28.2	790	130	115	0.070	PHF FX30-56X64
	60	68	10.4	12.0	28.6	860	125	110	0.070	PHF FX30-60X68
	63	71	10.4	12.0	28.8	910	120	105	0.080	PHF FX30-63X71
	65	73	10.4	12.0	29.2	950	115	100	0.090	PHF FX30-65X73
	70	79	12.2	14.0	39.4	1 380	125	110	0.115	PHF FX30-70X79
	71	80	12.2	14.0	39.4	1 400	120	110	0.110	PHF FX30-71X80
	75	84	12.2	14.0	38.6	1 450	115	100	0.120	PHF FX30-75X84
	80	91	15.0	17.0	55.0	2 200	125	105	0.210	PHF FX30-80X91
	85	96	15.0	17.0	56.4	2 400	120	105	0.210	PHF FX30-85X96
	90	101	15.0	17.0	60.5	2 730	120	105	0.220	PHF FX30-90X101
	95	106	15.0	17.0	64.2	3 050	120	110	0.230	PHF FX30-95X106
	100	114	18.7	21	84	4 200	120	105	0.39	PHF FX30-100X114
	110	124	18.7	21	93.6	5 150	120	105	0.42	PHF FX30-110X124
	120	134	18.7	21	100.8	6 050	120	105	0.46	PHF FX30-120X134
	130	148	25.3	28	147.6	9 600	120	105	0.86	PHF FX30-130X148
	140	158	25.3	28	158.5	11 000	120	105	0.96	PHF FX30-140X158
	150	168	25.3	28	172	12 900	120	105	1	PHF FX30-150X168
	160	178	25.3	28	182.5	14 600	120	110	1	PHF FX30-160X178
	170	191	30	33	229	19 500	120	105	1.54	PHF FX30-170X191
	180	201	30	33	236	21 300	120	105	1.5	PHF FX30-180X201
	190	211	30	33	255	24 200	120	110	1.8	PHF FX30-190X211

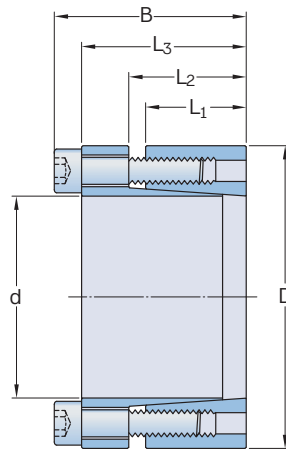
FX keyless bushings
FX30



FX30

Bushing no.	Dimensions				Transmissible axial force F_t	Transmissible torque M_t	Shaft surface pressure P_w	Hub surface pressure P_n	Mass	Designation
	d	D	L_1	B						
–	mm				kN	Nm	N/mm ²		kg	–
FX30	200	224	34.8	38	310	31 000	120	105	2.4	PHF FX30-200X224
	210	234	34.8	38	333	35 000	120	110	2.5	PHF FX30-210X234
	220	244	34.8	38	345	38 000	120	110	2.6	PHF FX30-220X244
	230	257	39.5	43	408	47 000	120	105	3.4	PHF FX30-230X257
	240	267	39.5	43	425	51 000	120	110	3.8	PHF FX30-240X267
	250	280	44	48	415	52 000	100	90	4.8	PHF FX30-250X280
	260	290	44	48	435	56 500	100	90	4.9	PHF FX30-260X290
	270	300	44	48	450	61 000	100	90	5	PHF FX30-270X300
	280	313	49	53	520	72 500	100	90	6.4	PHF FX30-280X313
	290	323	49	53	535	77 500	100	90	6.5	PHF FX30-290X323
	300	333	49	53	555	83 000	100	90	6.8	PHF FX30-300X333
	320	360	59	65	710	114 000	100	90	11	PHF FX30-320X360
	340	380	59	65	755	128 500	100	90	11.5	PHF FX30-340X380
	360	400	59	65	800	144 000	100	90	12.3	PHF FX30-360X400
	380	420	59	65	845	160 500	100	90	13	PHF FX30-380X420
	400	440	59	65	890	178 000	100	90	13.7	PHF FX30-400X440
	420	460	59	65	935	196 000	100	90	14.1	PHF FX30-420X460
	440	480	59	65	980	215 000	100	90	14.8	PHF FX30-440X480
	460	500	59	65	1020	235 000	100	90	15.5	PHF FX30-460X500
	480	520	59	65	1070	256 000	100	90	16	PHF FX30-480X520
	500	540	59	65	1110	278 000	100	90	16.7	PHF FX30-500X540

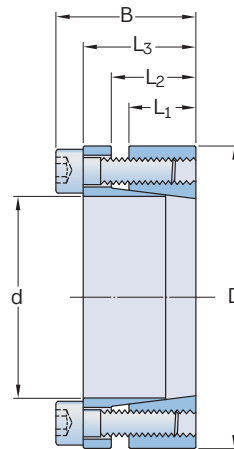
FX keyless bushings
FX40



FX40

Bushing no.	Dimensions							Transmissible axial force	Transmissible torque	Shaft surface pressure	Hub surface pressure	Clamp screws	Clamp screws size	Screw tightening torque	Mass	Designation
	d	D	L ₁	L ₂	L ₃	B	D ₁	F _t	M _t	P _w	P _n	Quantity		M _s		
–	mm							kN	Nm	N/mm ²				Nm	kg	–
FX40	18	47	26	30	39	45	-	55	490	310	119	6	M6	17	0.4	PHF FX40-18X47
	19	47	26	30	39	45	-	55	510	294	119	6	M6	17	0.4	PHF FX40-19X47
	20	47	26	30	39	45	-	55	540	279	119	6	M6	17	0.4	PHF FX40-20X47
	22	47	26	30	39	45	-	55	600	254	119	6	M6	17	0.4	PHF FX40-22X47
	24	50	26	30	39	45	-	55	650	233	112	6	M6	17	0.4	PHF FX40-24X50
	25	50	26	30	39	45	-	55	680	223	112	6	M6	17	0.4	PHF FX40-25X50
	28	55	26	30	39	45	-	55	760	199	102	6	M6	17	0.5	PHF FX40-28X55
	30	55	26	30	39	45	-	55	820	186	102	6	M6	17	0.5	PHF FX40-30X55
	32	60	26	30	39	45	-	73	1 310	233	124	8	M6	17	0.6	PHF FX40-32X60
	35	60	26	30	39	45	-	73	1 440	213	124	8	M6	17	0.5	PHF FX40-35X60
	38	65	26	30	39	45	-	73	1 560	196	115	8	M6	17	0.6	PHF FX40-38X65
	40	65	26	30	39	45	-	73	1 640	186	115	8	M6	17	0.6	PHF FX40-40X65
	42	75	30	35	47	55	-	101	2 130	213	119	6	M8	41	1	PHF FX40-42X75
	45	75	30	35	47	55	-	101	2 280	199	119	6	M8	41	1	PHF FX40-45X75
	48	80	30	35	47	55	-	101	2 430	194	117	6	M8	41	1.1	PHF FX40-48X80
	50	80	30	35	47	55	-	101	2 530	182	116	6	M8	41	1	PHF FX40-50X80
	55	85	30	35	47	55	-	135	4 180	217	140	8	M8	41	1.1	PHF FX40-55X85
	60	90	30	35	47	55	-	135	4 560	199	132	8	M8	41	1.2	PHF FX40-60X90
	65	95	30	35	47	55	-	152	4 940	183	125	8	M8	41	1.3	PHF FX40-65X95
	70	110	40	46	61	71	-	214	6 500	203	129	8	M10	83	2.2	PHF FX40-70X110
	75	115	40	46	61	71	-	214	9 000	189	123	8	M10	83	2.5	PHF FX40-75X115
	80	120	40	46	61	71	-	214	7 400	177	118	8	M10	83	2.6	PHF FX40-80X120
	85	125	40	46	61	71	-	268	9 000	209	142	10	M10	83	2.8	PHF FX40-85X125
	90	130	40	46	61	71	-	268	9 600	197	136	10	M10	83	2.7	PHF FX40-90X130
	95	135	40	46	61	71	-	268	12 600	187	131	10	M10	83	2.9	PHF FX40-95X135
	100	145	46	52	70	82	-	312	13 300	180	124	8	M12	145	3.9	PHF FX40-100X145
	110	155	46	52	70	82	-	312	14 700	163	116	8	M12	145	4.2	PHF FX40-110X155
	120	165	46	52	70	82	-	390	18 400	187	136	10	M12	145	4.4	PHF FX40-120X165
	130	180	46	52	70	82	-	467	25 100	207	150	12	M12	145	5.7	PHF FX40-130X180
	140	190	50	57	80	94	-	535	40 150	203	149	10	M14	230	6.7	PHF FX40-140X190
	150	200	50	57	80	94	-	641	48 100	227	170	12	M14	230	7	PHF FX40-150X200
	160	210	50	57	80	94	-	641	51 300	213	162	12	M14	230	7	PHF FX40-160X210
	170	225	50	57	80	94	-	748	63 600	234	176	14	M14	230	8.5	PHF FX40-170X225
	180	235	50	57	80	94	-	748	67 350	221	169	14	M14	230	9	PHF FX40-180X235

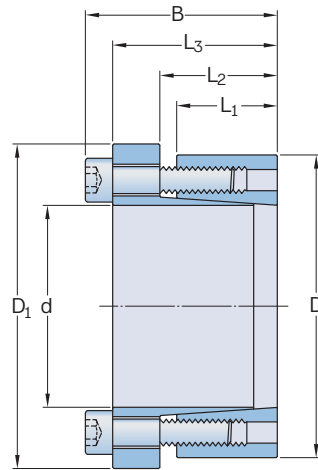
FX keyless bushings
FX41



FX41

Bushing no.	Dimensions						D ₁	Transmissible axial force F _t	Transmissible torque M _t	Shaft surface pressure P _w	Hub surface pressure P _n	Clamp screws	Clamp screws size	Screw tightening torque M _s	Mass	Designation
	d	D	L ₁	L ₂	L ₃	B										
–	mm							kN	Nm	N/mm ²				Nm	kg	–
FX41	18	47	26	30	39	45	-	38	330	326	125	5	M6	14	0.3	PHF FX41-18X47
	19	47	26	30	39	45	-	38	350	308	125	5	M6	14	0.3	PHF FX41-19X47
	20	47	17	22	28	34	-	38	380	295	125	5	M6	14	0.3	PHF FX41-20X47
	22	47	17	22	28	34	-	38	410	270	125	5	M6	14	0.3	PHF FX41-22X47
	24	50	17	22	28	34	-	38	450	245	120	6	M6	14	0.3	PHF FX41-24X50
	25	50	17	22	28	34	-	45.6	570	285	140	6	M6	14	0.3	PHF FX41-25X50
	28	55	17	22	28	34	-	45.6	630	255	130	6	M6	14	0.4	PHF FX41-28X55
	30	55	17	22	28	34	-	45.6	660	235	130	6	M6	14	0.4	PHF FX41-30X55
	32	60	17	22	28	34	-	60.5	970	295	155	8	M6	14	0.4	PHF FX41-32X60
	35	60	17	22	28	34	-	60.5	1060	270	155	8	M6	14	0.4	PHF FX41-35X60
	38	65	17	22	28	34	-	60.5	1150	250	145	8	M6	14	0.5	PHF FX41-38X65
	40	65	17	22	28	34	-	60.5	1210	235	145	8	M6	14	0.5	PHF FX41-40X65
	42	75	20	25	33	41	-	98	2050	300	170	7	M8	35	0.8	PHF FX41-42X75
	45	75	20	25	33	41	-	98	2200	290	170	7	M8	35	0.7	PHF FX41-45X75
	48	80	20	25	33	41	-	98	2350	270	160	7	M8	35	0.8	PHF FX41-48X80
	50	80	20	25	33	41	-	98	2450	260	160	7	M8	35	0.8	PHF FX41-50X80
	55	85	20	25	33	41	-	112	3080	270	175	8	M8	35	0.9	PHF FX41-55X85
	60	90	20	25	33	41	-	112	3360	245	165	8	M8	35	0.9	PHF FX41-60X90
	65	95	20	25	33	41	-	126	4090	255	175	9	M8	35	1	PHF FX41-65X95
	70	110	24	30	40	50	-	179	6300	280	180	8	M10	70	1.9	PHF FX41-70X110
	75	115	24	30	40	50	-	179	6700	260	170	8	M10	70	2	PHF FX41-75X115
	80	120	24	30	40	50	-	179	7150	250	170	8	M10	70	2	PHF FX41-80X120
	85	125	24	30	40	50	-	200	8500	260	180	9	M10	70	2	PHF FX41-85X125
	90	130	24	30	40	50	-	200	9100	250	170	9	M10	70	2.2	PHF FX41-90X130
	95	135	24	30	40	50	-	224	10600	260	180	10	M10	70	2.3	PHF FX41-95X135
	100	145	26	32	44	56	-	268	13400	270	190	8	M12	125	3	PHF FX41-100X145
	110	155	26	32	44	56	-	268	14600	240	180	8	M12	125	3.2	PHF FX41-110X155
	120	165	26	32	44	56	-	298	17900	250	180	9	M12	125	3.4	PHF FX41-120X165
	130	180	34	40	54	64	-	400	26000	240	170	12	M12	125	5.2	PHF FX41-130X180
	140	190	34	40	54	68	-	384	27000	210	150	9	M14	190	5.4	PHF FX41-140X190
	150	200	34	40	54	68	-	440	33000	230	170	10	M14	190	5.7	PHF FX41-150X200
	160	210	34	40	54	68	-	479	38000	230	170	11	M14	190	6	PHF FX41-160X210
	170	225	44	50	64	78	-	530	45000	180	130	12	M14	190	8.3	PHF FX41-170X225
	180	235	44	50	64	78	-	530	47000	170	130	12	M14	190	8.8	PHF FX41-180X235
	190	250	44	50	64	78	-	660	62900	210	150	15	M14	190	10	PHF FX41-190X250
	200	260	44	50	64	78	-	660	66	190	150	15	M14	190	10.5	PHF FX41-200X260

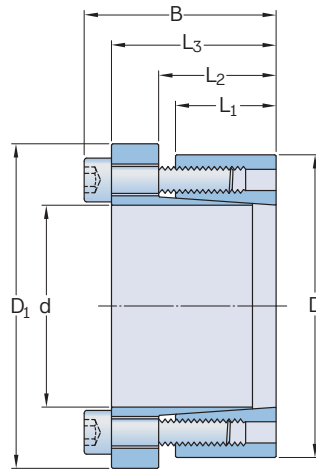
FX keyless bushings
FX50



FX50

Bushing no.	Dimensions							Transmissible axial force	Transmissible torque	Shaft surface pressure	Hub surface pressure	Clamp screws	Clamp screws size	Screw tightening torque	Mass	Designation
	d	D	L ₁	L ₂	L ₃	B	D ₁	F _t	M _t	P _w	P _n	Quantity		M _s	kg	–
–	mm							kN	Nm	N/mm ²				Nm		–
FX50	18	47	26	30	39	45	53	34	300	155	70	6	M6	17	0.4	PHF FX50-18X47
	19	47	26	30	39	45	53	34	320	165	70	6	M6	17	0.4	PHF FX50-19X47
	20	47	26	30	39	45	53	33.6	330	155	65	6	M6	17	0.5	PHF FX50-20X47
	22	47	26	30	39	45	53	33.6	370	145	65	6	M6	17	0.5	PHF FX50-22X47
	24	50	26	30	39	45	56	33.6	400	140	60	6	M6	17	0.5	PHF FX50-24X50
	25	50	26	30	39	45	56	33.6	420	125	60	6	M6	17	0.5	PHF FX50-25X50
	28	55	26	30	39	45	61	33.6	470	110	60	6	M6	17	0.6	PHF FX50-28X55
	30	55	26	30	39	45	61	33.6	510	105	60	6	M6	17	0.6	PHF FX50-30X55
	32	60	26	30	39	45	66	51	810	145	80	8	M6	17	0.7	PHF FX50-32X60
	35	60	26	30	39	45	66	51	890	135	80	8	M6	17	0.6	PHF FX50-35X60
	38	65	26	30	39	45	71	51	970	125	70	8	M6	17	0.8	PHF FX50-38X65
	40	65	26	30	39	45	71	51	1 020	120	70	8	M6	17	0.6	PHF FX50-40X65
	42	75	30	35	47	55	81	62.8	1 320	135	75	6	M8	41	1.2	PHF FX50-42X75
	45	75	30	35	47	55	81	62.8	1 410	125	75	6	M8	41	1.1	PHF FX50-45X75
	48	80	30	35	47	55	86	62.8	1 510	120	70	6	M8	41	1.3	PHF FX50-48X80
	50	80	30	35	47	55	86	62.8	1 570	110	70	6	M8	41	1.1	PHF FX50-50X80
	55	85	30	35	47	55	91	94.6	2 600	150	100	8	M8	41	1.2	PHF FX50-55X85
	60	90	30	35	47	55	96	94.6	2 830	140	95	8	M8	41	1.3	PHF FX50-60X90
	65	95	30	35	47	55	102	94.6	3 070	130	90	8	M8	41	1.4	PHF FX50-65X95
	70	110	40	46	61	71	117	116	4 000	110	70	8	M10	83	2.5	PHF FX50-70X110
	75	115	40	46	61	71	122	116	4 300	100	65	8	M10	83	2.6	PHF FX50-75X115
	80	120	40	46	61	71	127	116	4 600	100	65	8	M10	83	2.8	PHF FX50-80X120
	85	125	40	46	61	71	132	133	5 600	105	70	10	M10	83	2.8	PHF FX50-85X125
	90	130	40	46	61	71	137	133	6 000	100	70	10	M10	83	3	PHF FX50-90X130
	95	135	40	46	61	71	142	166.8	7 900	115	80	10	M10	83	3	PHF FX50-95X135
	100	145	46	52	70	82	153	169	8 470	100	65	8	M12	145	5.5	PHF FX50-100X145
	110	155	46	52	70	82	163	169	9 200	90	65	8	M12	145	4.8	PHF FX50-110X155
	120	165	46	52	70	82	173	193	11 600	90	70	10	M12	145	5.5	PHF FX50-120X165
	130	180	46	52	70	82	188	242	15 700	110	80	12	M12	145	6	PHF FX50-130X180
	140	190	51	57	80	94	199	366	25 300	135	100	10	M14	230	6.8	PHF FX50-140X190
	150	200	50	57	80	94	209	400	30 000	120	90	12	M14	230	7.7	PHF FX50-150X200
	160	210	50	57	80	94	219	400	32 000	110	85	12	M14	230	8	PHF FX50-160X210
	170	225	50	57	80	94	234	467	39 650	125	95	14	M14	230	8.8	PHF FX50-170X225
	180	235	50	57	80	94	244	467	42 000	120	90	14	M14	230	9.8	PHF FX50-180X235

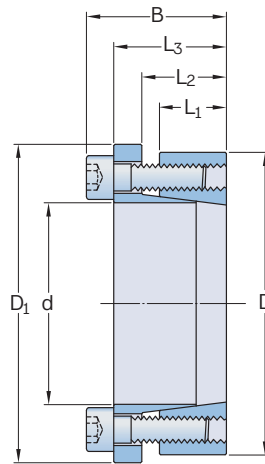
FX keyless bushings
FX51



FX51

Bushing no.	Dimensions							Transmissible axial force	Transmissible torque	Shaft surface pressure	Hub surface pressure	Clamp screws	Clamp screws size	Screw tightening torque	Mass	Designation
	d	D	L ₁	L ₂	L ₃	B	D ₁	F _t	M _t	P _w	P _n	Quantity		M _s	kg	–
–	mm							kN	Nm	N/mm ²				Nm		–
FX51	18	47	17	22	28	34	54	28	250	246	94	5	M6	14	0.3	PHF FX51-18X47
	19	47	17	22	28	34	54	28	270	233	93	5	M6	14	0.3	PHF FX51-19X47
	20	47	17	22	28	34	54	28	280	220	95	5	M6	17	0.3	PHF FX51-20X47
	22	47	17	22	28	34	54	28	300	200	95	5	M6	17	0.3	PHF FX51-22X47
	24	50	17	22	28	34	57	28	330	180	90	6	M6	17	0.3	PHF FX51-24X50
	25	50	17	22	28	34	57	34	420	210	105	6	M6	17	0.3	PHF FX51-25X50
	28	55	17	22	28	34	62	34	470	190	95	6	M6	17	0.4	PHF FX51-28X55
	30	55	17	22	28	34	62	34	500	175	95	6	M6	17	0.4	PHF FX51-30X55
	32	60	17	22	28	34	67	45	720	220	115	8	M6	17	0.4	PHF FX51-32X60
	35	60	17	22	28	34	67	45	790	200	115	8	M6	17	0.4	PHF FX51-35X60
	38	65	17	22	28	34	72	45	850	185	105	8	M6	17	0.5	PHF FX51-38X65
	40	65	17	22	28	34	72	45	900	175	105	8	M6	17	0.5	PHF FX51-40X65
	42	75	20	25	33	41	82	73	1 530	225	125	7	M8	41	0.8	PHF FX51-42X75
	45	75	20	25	33	41	82	73	1 650	215	125	7	M8	41	0.7	PHF FX51-45X75
	48	80	20	25	33	41	87	73	1 760	200	120	7	M8	41	0.8	PHF FX51-48X80
	50	80	20	25	33	41	87	73	1 830	195	120	7	M8	41	0.8	PHF FX51-50X80
	55	85	20	25	33	41	92	83.5	2 300	200	130	8	M8	41	0.9	PHF FX51-55X85
	60	90	20	25	33	41	97	83.5	2 510	185	125	8	M8	41	0.9	PHF FX51-60X90
	65	95	20	25	33	41	102	94	3 060	190	130	9	M8	41	1	PHF FX51-65X95
	70	110	24	30	40	50	117	133	4 670	210	135	8	M10	83	1.9	PHF FX51-70X110
	75	115	24	30	40	50	122	133	5 000	195	125	8	M10	83	2	PHF FX51-75X115
	80	120	24	30	40	50	127	133	5 300	185	125	8	M10	83	2	PHF FX51-80X120
	85	125	24	30	40	50	132	148	6 300	195	135	9	M10	83	2	PHF FX51-85X125
	90	130	24	30	40	50	137	148	6 750	185	130	9	M10	83	2.2	PHF FX51-90X130
	95	135	24	30	40	50	142	166	7 900	195	135	10	M10	83	2.3	PHF FX51-95X135
	100	145	26	32	44	56	152	194	9 700	200	140	8	M12	145	3	PHF FX51-100X145
	110	155	26	32	44	56	162	194	10 600	180	130	8	M12	145	3.2	PHF FX51-110X155
	120	165	26	32	44	56	172	216	13 000	185	135	9	M12	145	3.4	PHF FX51-120X165
	130	180	34	40	54	64	187	290	18 900	175	125	12	M12	145	5.2	PHF FX51-130X180
	140	190	34	40	54	64	197	290	20 500	165	120	9	M14	230	5.4	PHF FX51-140X190
	150	200	34	40	54	68	207	333	25 000	175	130	10	M14	230	5.7	PHF FX51-150X200
	160	210	34	40	54	68	217	362	29 000	180	135	11	M14	230	6	PHF FX51-160X210
	170	225	44	50	64	78	232	400	34 000	140	105	12	M14	230	8.3	PHF FX51-170X225
	180	235	44	50	64	78	242	400	36 000	135	105	12	M14	230	8.8	PHF FX51-180X235
	190	250	44	50	64	78	257	500	47 500	160	120	15	M14	230	10	PHF FX51-190X250
	200	260	44	50	64	78	267	500	50 000	150	115	15	M14	230	10.5	PHF FX51-200X260

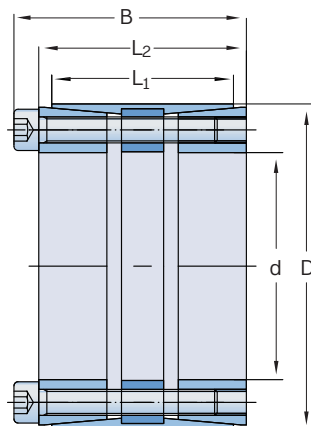
FX keyless bushings
FX52



FX52

Bushing no.	Dimensions							Transmissible axial force F _t	Transmissible torque M _t	Shaft surface pressure P _w	Hub surface pressure P _n	Clamp screws	Clamp screws size	Screw tightening torque M _s	Mass	Designation
	d	D	L ₁	L ₂	L ₃	B	D ₁									
—	mm							kN	Nm	N/mm ²				Nm	kg	—
FX52	Normal series															
	14	55	17		22.0	38.0	18.1	120	205	55	3	M8	25.0	0.50	PHF FX52-14X55	
	16	55	17		22.0	38.0	18.1	140	180	55	3	M8	25.0	0.50	PHF FX52-16X55	
	18	55	17		22.0	38.0	18.1	150	160	55	3	M8	25.0	0.50	PHF FX52-18X55	
	19	55	17		22.0	38.0	18.1	160	150	55	3	M8	25.0	0.50	PHF FX52-19X55	
	20	55	17		22.0	38.0	18.1	170	145	55	3	M8	25.0	0.50	PHF FX52-20X55	
	22	55	17		22.0	38.0	25.3	280	185	75	3	M8	35.0	0.50	PHF FX52-22X55	
	24	55	17		22.0	38.0	25.3	300	170	75	3	M8	35.0	0.50	PHF FX52-24X55	
	25	55	17		22.0	38.0	25.3	310	165	75	3	M8	35.0	0.50	PHF FX52-25X55	
	28	55	17		22.0	38.0	31.4	430	175	90	3	M8	41.0	0.40	PHF FX52-28X55	
	30	55	17		22.0	38.0	31.4	470	165	90	3	M8	41.0	0.40	PHF FX52-30X55	
	Medium series															
	24	65	17		22.0	38.0	37.4	440	245	90	5	M8	30.0	0.70	PHF FX52-24X65	
	25	65	17		22.0	38.0	37.4	460	235	90	5	M8	30.0	0.70	PHF FX52-25X65	
	28	65	17		22.0	38.0	43.6	600	245	105	5	M8	35.0	0.60	PHF FX52-28X65	
	30	65	17		22.0	38.0	43.6	640	230	105	5	M8	35.0	0.60	PHF FX52-30X65	
	32	65	17		22.0	38.0	43.6	690	215	105	5	M8	35.0	0.60	PHF FX52-32X65	
	35	65	17		22.0	38.0	52.5	910	235	130	5	M8	41.0	0.50	PHF FX52-35X65	
	38	65	17		22.0	38.0	52.5	990	220	130	5	M8	41.0	0.50	PHF FX52-38X65	
	40	65	17		22.0	38.0	52.5	1050	205	130	5	M8	41.0	0.50	PHF FX52-40X65	
	Large series															
	30	80	20		25.0	41.0	52.4	780	235	90	7	M8	30.0	1.00	PHF FX52-30X80	
	32	80	20		25.0	41.0	52.4	830	220	90	7	M8	30.0	1.00	PHF FX52-32X80	
	35	80	20		25.0	41.0	61.0	1060	230	100	7	M8	35.0	1.00	PHF FX52-35X80	
	38	80	20		25.0	41.0	61.0	1150	215	100	7	M8	35.0	1.00	PHF FX52-38X80	
	40	80	20		25.0	41.0	61.0	1220	205	100	7	M8	35.0	0.90	PHF FX52-40X80	
	42	80	20		25.0	41.0	73.5	1540	235	120	7	M8	41.0	0.90	PHF FX52-42X80	
	45	80	20		25.0	41.0	73.5	1650	220	120	7	M8	41.0	0.80	PHF FX52-45X80	
48	80	20		25.0	41.0	73.5	1760	205	120	7	M8	41.0	0.80	PHF FX52-48X80		
50	80	20		25.0	41.0	73.5	1830	195	120	7	M8	41.0	0.80	PHF FX52-50X80		

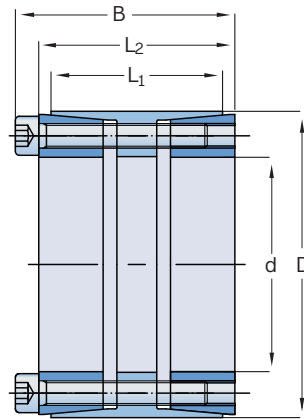
FX keyless bushings
FX60



FX60

Bushing no.	Dimensions					Transmissible axial force	Transmissible torque	Shaft surface pressure	Hub surface pressure	Clamp screws	Clamp screws size	Screw tightening torque	Mass	Designation
	d	D	L ₁	L ₂	B	F _t	M _t	P _w	P _n	Quantity		M _s		
–	mm					kN	Nm	N/mm ²				Nm	kg	–
FX60	25	50	39	45	51	79	950	245	122	6	M6	17	0.4	PHF FX60-25X50
	28	55	39	45	51	59	1102	176	78	8	M6	17	0.6	PHF FX60-28X55
	30	55	39	45	51	79	1185	219	103	8	M6	17	0.5	PHF FX60-30X55
	32	60	39	45	51	76	1200	190	107	8	M6	17	0.6	PHF FX60-32X60
	35	60	39	45	51	79	1380	187	95	8	M6	17	0.5	PHF FX60-32X60
	38	65	39	45	51	99	1494	216	109	8	M6	17	0.7	PHF FX60-35X60
	40	65	39	45	51	76	1576	205	109	8	M6	17	0.6	PHF FX60-40X65
	42	75	39	45	51	146	2997	289	140	8	M8	41	1.2	PHF FX60-42X75
	45	75	56	64	72	141	3150	175	105	8	M8	41	1.3	PHF FX60-45X75
	48	80	56	64	72	171	4100	205	101	8	M8	41	1.4	PHF FX60-48X80
	50	80	56	64	72	166	4150	158	98	8	M8	41	1.30	PHF FX60-50X80
	55	85	56	64	72	166	4550	143	93	8	M8	41	1.36	PHF FX60-55X85
	60	90	56	64	72	207	6200	164	109	10	M8	41	1.46	PHF FX60-60X90
	65	95	56	64	72	207	6750	152	104	10	M8	41	1.55	PHF FX60-65X95
	70	110	70	78	88	330	11550	179	114	10	M10	83	2.90	PHF FX60-70X110
	75	115	70	78	88	330	12350	167	109	10	M10	83	3.00	PHF FX60-75X115
	80	120	70	78	88	396	15800	188	125	11	M10	83	3.30	PHF FX60-80X120
	85	125	70	78	88	396	16800	177	120	12	M10	83	3.40	PHF FX60-85X125
	90	130	70	78	88	396	17800	167	115	12	M10	83	3.50	PHF FX60-90X130
	95	135	70	78	88	396	18800	158	111	12	M10	83	3.70	PHF FX60-95X135
	100	145	90	100	112	576	28800	170	117	11	M12	145	5.50	PHF FX60-100X145
	110	155	90	100	112	576	31700	155	110	12	M12	145	6.00	PHF FX60-110X155
	120	165	90	100	112	673	40300	165	120	14	M12	145	6.40	PHF FX60-120X165
	130	180	104	116	130	791	51400	155	112	12	M14	230	10.0	PHF FX60-130X180
	140	190	104	116	130	923	64600	168	124	14	M14	230	10.0	PHF FX60-140X190
	150	200	104	116	130	1055	79100	179	135	15	M14	230	10.3	PHF FX60-150X200
	160	210	104	116	130	1055	84400	168	128	16	M14	230	12.4	PHF FX60-160X210
	170	225	134	146	162	1283	109000	149	113	14	M16	355	15.7	PHF FX60-170X225
	180	235	134	146	162	1466	132000	161	124	15	M16	355	17.6	PHF FX60-180X235
	190	250	134	146	162	1466	139000	153	116	16	M16	355	19.6	PHF FX60-190X250
	200	260	134	146	162	1466	146500	145	112	16	M16	355	21.5	PHF FX60-200X260
	220	285	134	146	162	1833	201500	165	127	18	M16	355	25.0	PHF FX60-220X285
	240	305	134	146	162	2017	242000	166	131	20	M16	355	27.0	PHF FX60-240X305
	260	325	134	146	162	2017	262000	154	123	21	M16	355	30.0	PHF FX60-260X325
	280	355	165	177	197	2862	400000	164	130	18	M20	690	49.8	PHF FX60-280X355
	300	375	165	177	197	3148	472000	169	135	20	M20	690	50.0	PHF FX60-300X375
	320	405	165	177	197	3148	503500	158	125	21	M20	690	60.0	PHF FX60-320X405
	340	425	165	177	197	3434	583500	162	130	22	M20	690	65.0	PHF FX60-340X425
	360	455	190	202	224	3918	705000	152	120	21	M22	930	89.0	PHF FX60-360X455
	380	475	190	202	224	4631	880000	170	136	22	M22	930	93.0	PHF FX60-380X475
	400	495	190	202	224	4631	926000	162	131	24	M22	930	98.0	PHF FX60-400X495

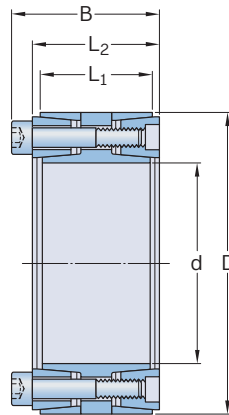
FX keyless bushings
FX61



FX61

Bushing no.	Dimensions					Transmissible axial force	Transmissible torque	Shaft surface pressure	Hub surface pressure	Clamp screws	Clamp screws size	Screw tightening torque	Mass	Designation
	d	D	L ₁	L ₂	B	F _t	M _t	P _w	P _n	Quantity		M _s		
–	mm					kN	Nm	N/mm ²				Nm	kg	–
FX61	25	50	39	45	51	79	950	245	122	6	M6	17	0.5	PHF FX61-25X50
	28	55	39	45	51	59	1102	176	78	8	M6	17	0.6	PHF FX61-28X55
	30	55	39	45	51	79	1185	219	103	8	M6	17	0.6	PHF FX61-30X55
	32	60	39	45	51	76	1 200	190	107	8	M6	17	0.55	PHF FX60-32X60
	35	60	39	45	51	79	1 380	187	95	8	M6	17	0.7	PHF FX61-35X60
	38	65	39	45	51	99	1 494	216	109	8	M6	17	0.7	PHF FX61-38X65
	40	65	39	45	51	76	1 576	205	109	8	M6	17	0.7	PHF FX61-40X65
	42	75	39	45	51	146	2 997	289	140	8	M8	41	1	PHF FX61-42X75
	45	75	56	64	72	141	3 150	175	105	8	M8	41	0.9	PHF FX61-45X75
	48	80	56	64	72	171	4 100	205	101	8	M8	41	1.4	PHF FX61-48X80
	50	80	56	64	72	171	4 270	197	101	8	M8	41	1.3	PHF FX61-50X80
	55	85	56	64	72	192	5 280	202	107	8	M8	41	1.5	PHF FX61-55X85
	60	90	56	64	72	214	6 410	205	112	10	M8	41	1.6	PHF FX61-60X90
	65	95	56	64	72	214	6 945	190	107	10	M8	41	1.8	PHF FX61-65X95
	70	110	70	78	88	339	11 800	222	107	10	M10	83	3	PHF FX61-70X110
	75	115	70	78	88	339	12 700	207	112	10	M10	83	3.3	PHF FX61-75X115
	80	120	70	78	88	373	14 900	213	118	11	M10	83	3.5	PHF FX61-80X120
	85	125	70	78	88	407	17 300	219	123	12	M10	83	3.7	PHF FX61-85X125
	90	130	70	78	88	407	18 300	207	119	12	M10	83	3.8	PHF FX61-90X130
	95	135	70	78	88	407	19 300	196	114	12	M10	83	5	PHF FX61-95X135
	100	145	90	100	112	544	27 100	206	110	11	M12	145	6	PHF FX61-100X145
	110	155	90	100	112	593	32 600	204	113	12	M12	145	6.2	PHF FX61-110X155
	120	165	90	100	112	692	41 500	218	124	14	M12	145	7.2	PHF FX61-120X165
	130	180	104	116	130	817	52 800	198	115	12	M14	230	10	PHF FX61-130X180
	140	190	104	116	130	949	66 400	214	127	14	M14	230	10.2	PHF FX61-140X190
	150	200	104	116	130	1 017	76 200	214	130	15	M14	230	10.8	PHF FX61-150X200
	160	210	104	116	130	1 085	86 700	214	132	16	M14	230	11.5	PHF FX61-160X210
	170	225	134	146	162	1 319	112 000	196	116	14	M16	355	17	PHF FX61-170X225
	180	235	134	146	162	1 413	127 000	198	119	15	M16	355	18.5	PHF FX61-180X235
	190	250	134	146	162	1 508	143 000	200	119	16	M16	355	21.5	PHF FX61-190X250
	200	260	134	146	162	1 508	150 000	190	115	16	M16	355	22	PHF FX61-200X260
	220	285	134	146	162	1 696	186 000	195	118	18	M16	355	25	PHF FX61-220X285
	240	305	134	146	162	1 885	226 000	198	118	20	M16	355	27	PHF FX61-240X305
	260	325	134	146	162	1 979	257 000	192	121	21	M16	355	30	PHF FX61-260X325
	280	355	165	177	197	2 648	370 000	197	120	18	M20	690	46	PHF FX61-280X355
	300	375	165	177	197	2 942	441 000	205	126	20	M20	690	50	PHF FX61-300X375
	320	405	165	177	197	3 089	494 000	202	123	21	M20	690	60	PHF FX61-320X405
	340	425	165	177	197	3 236	550 000	199	122	22	M20	690	65	PHF FX61-340X425
	360	455	190	202	224	3 845	692 000	193	118	21	M22	930	89	PHF FX61-360X455
	380	475	190	202	224	4 028	765 000	191	118	22	M22	930	93	PHF FX61-380X475
	400	495	190	202	224	4 394	878 000	198	124	24	M22	930	98	PHF FX61-400X495

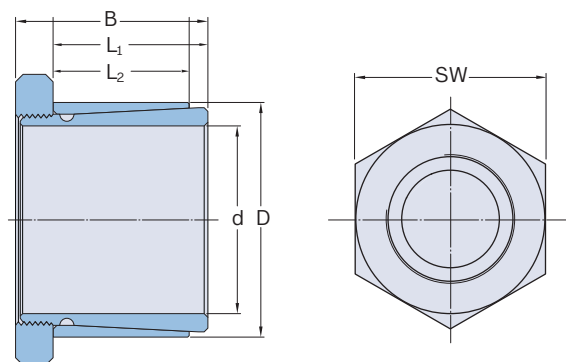
FX keyless bushings
FX65



FX65

Bushing no.	Dimensions						D ₁	Transmissible axial force F _t	Transmissible torque M _t	Shaft surface pressure P _w	Hub surface pressure P _n	Clamp screws	Clamp screws size	Screw tightening torque M _s	Mass	Designation
	d	D	L ₁	L ₂	L ₃	B										
–	mm							kN	Nm	N/mm ²				Nm	kg	–
FX65	100	145	60	65	-	77	-	291	14 540	194	133	10	M12	145	4.10	PHF FX65-100x145
	110	155	60	65	-	77	-	297	163 000	180	127	10	M12	145	4.40	PHF FX65-110x155
	120	165	60	65	-	77	-	332	20 000	184	133	12	M12	145	4.80	PHF FX65-120x165
	130	180	68	74	-	86	-	424	27 500	189	136	15	M12	145	6.50	PHF FX65-130x180
	140	190	68	74	-	86	-	514	38 100	225	165	18	M12	145	7.00	PHF FX65-140x190
	150	200	68	74	-	86	-	345	38 600	198	149	18	M12	145	7.40	PHF FX65-150x200
	160	210	68	74	-	68	-	636	50 900	230	175	20	M12	145	7.80	PHF FX65-160x210
	170	225	75	81	-	75	-	676	60 900	217	164	18	M14	230	10.0	PHF FX65-170x225
	180	235	75	81	-	75	-	719	61 200	193	147	18	M14	230	10.6	PHF FX65-180x235
	190	250	88	94	-	88	-	816	77 500	183	139	20	M14	230	14.3	PHF FX65-190x250
	200	260	88	94	-	88	-	920	97 000	211	162	22	M14	230	15.0	PHF FX65-200x260
	210	275	98	104	-	89	-	980	99 000	178	135	18	M16	355	17.5	PHF FX65-210x275
	220	285	98	104	-	120	-	990	108 000	181	140	18	M16	355	19.8	PHF FX65-220x285
	240	305	98	104	-	120	-	1 300	156 000	220	174	22	M16	355	21.4	PHF FX65-240x305
	250	315	98	104	-	120	-	1 340	168 000	215	170	22	M16	355	22.0	PHF FX65-250x315
	260	325	95	104	-	120	-	1 420	185 000	224	179	24	M16	355	23.0	PHF FX65-260x325
	280	355	120	126	-	144	-	1 560	218 000	184	146	24	M18	475	35.2	PHF FX65-280x355
	300	375	120	126	-	144	-	1 600	241 000	176	142	24	M18	475	37.4	PHF FX65-300x375
	320	405	135	142	-	162	-	2 050	330 000	184	146	24	M20	475	51.3	PHF FX65-320x405
	340	425	135	142	-	162	-	2 080	354 000	176	140	24	M20	690	54.1	PHF FX65-340x425
	360	455	158	165	-	187	-	2 620	480 000	176	139	24	M22	930	75.4	PHF FX65-360x455
	380	475	158	165	-	187	-	2 670	498 000	163	130	25	M22	930	79.0	PHF FX65-380x475
	400	495	158	165	-	187	-	2 750	551 000	163	132	25	M22	930	82.8	PHF FX65-400x495
	420	515	158	165	-	187	-	3 170	666 000	179	148	30	M22	930	86.5	PHF FX65-420x515
	450	555	172	180	-	204	-	3 740	841 000	177	143	30	M24	1 200	112	PHF FX65-450x555
	480	585	172	180	-	204	-	3 990	957 000	177	144	30	M24	1 200	119	PHF FX65-480x585
	500	605	172	180	-	204	-	3 990	998 000	170	140	32	M24	1 200	123	PHF FX65-500x605

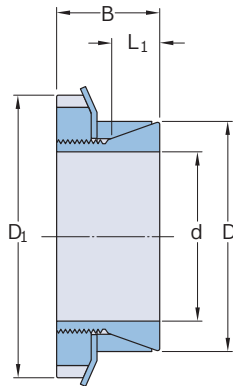
FX keyless bushings
FX75



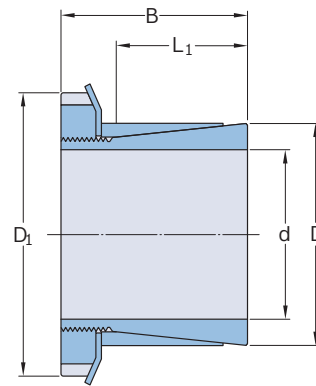
FX75

Bushing no.	Dimensions					Transmissible torque	Locking screw			Mass	Designation
	d	D	B	L ₁	L ₂	M _t	SW	D x TP	M _s	kg	–
–	mm					Nm	–	–	Nm	kg	–
FX75	3	8	15	12.5	11	2.5	8	M6X0.5	7.5	0.004	PHF FX75-3X8X15
	4	8	15	12.5	11	3	8	M6X0.5	7.5	0.004	PHF FX75-4X8X15
	5	10	15	12.5	11	4	10	M8X0.5	10	0.004	PHF FX75-5X10X15
	6	10	15	12.5	11	7	10	M8X0.5	10	0.005	PHF FX75-6X10X15
	6.35	10	15	12.5	11	7	10	M8X0.5	10	0.006	PHF FX75-6.35X10X15
	7	12	15	12	11	8	12	M10X0.75	9	0.010	PHF FX75-7X12X15
	8	14	22	19	16.5	14	16	M12X1	15	0.018	PHF FX75-8X14X22
	9	14	22	19	16.5	14	16	M12X1	15	0.017	PHF FX75-9X14X22
	9.52	14	22	19	16.5	14	16	M15X1	15	0.015	PHF FX75-9.52X14X22
	10	17	22	18.5	16.5	18	18	M15X1	19	0.025	PHF FX75-10X17X22
	11	17	22	18.5	16.5	18	18	M15X1	19	0.025	PHF FX75-11X17X22
	12	17	22	23	16.5	18	18	M15X1	19	0.020	PHF FX75-12X17X22
	14	20	28	23	21	24	20	M17X1	25	0.035	PHF FX75-14X20X18
	15	20	28	23	21	24	20	M17X1	25	0.030	PHF FX75-15X20X28
	15.88	23	28	23	21	26	26	M20X1	27	0.030	PHF FX75-15.88X23X28
	16	23	28	23	21	26	26	M20X1	27	0.040	PHF FX75-16X23X28
	17	23	28	23	21	26	26	M20X1	27	0.045	PHF FX75-17X23X28
	18	25	28	23	21	29	27	M22X1	37	0.055	PHF FX75-18X25X28
	19	25	28	23	21	29	27	M22X1	30	0.050	PHF FX75-19X25X28
	20	28	28	23	21	31	30	M25X1	32	0.070	PHF FX75-20X28X28
	22	25	29	29	27	34	32	M26X1	45	0.075	PHF FX75-22X25X29
	24	32	35	29	27	45	34	M28X1	51	0.095	PHF FX75-24X32X35
	25	32	35	29	27	45	34	M28X1	51	0.09	PHF FX75-25X32X35
	28	36	35	29	27	48	38	M32X1	55	0.095	PHF FX75-28X36X35
	30	37	35	29	27	52	38	M33X1	57	0.105	PHF FX75-30X37X35
	32	51	40	32	29	57	45	M37X1.5	64	0.165	PHF FX75-32X51X40
	35	43	40	32	29	63	48	M39X1.25	68	0.179	PHF FX75-35X43X40
	38	48	40	32	29	84	52	M43X1.5	73	0.220	PHF FX75-38X48X40
	40	50	40	32	29	105	55	M45X1.5	76	0.249	PHF FX75-40X50X40

FX keyless bushings
FX80 | FX90



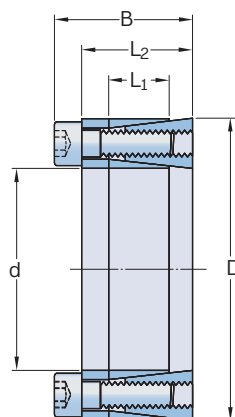
FX80



FX90

Bushing no.	Dimensions					Transmissible axial force	Transmissible torque	Shaft surface pressure	Hub surface pressure	Clamp screws size	Clamp screws nut	Screw tightening torque	Mass	Designation
	d	D	L ₁	B	D ₁	F _t	M _t	P _w	P _n			M _s	kg	–
–	mm					kN	Nm	N/mm ²				Nm		–
FX80	14	25	6.5	16.5	32	5.1	38	200	110	–	KM4	95.0	0.05	PHF FX80-14X25
	15	25	6.5	16.5	32	5.5	41	185	110	–	KM4	95.0	0.05	PHF FX80-15X25
	16	25	6.5	16.5	32	5.5	43	174	110	–	KM4	95.0	0.04	PHF FX80-16X25
	17	26	6.5	16.5	32	5.5	47	164	107	–	KM4	95.0	0.04	PHF FX80-17X26
	18	26	6.5	16.5	32	5.4	49	155	107	–	KM4	95.0	0.04	PHF FX80-18X26
	19	30	6.5	18.0	38	6.6	62	176	112	–	KM5	160.0	0.08	PHF FX80-19X30
	20	30	6.5	18.0	38	6.6	66	167	111	–	KM5	160.0	0.07	PHF FX80-20X30
	22	32	6.5	18.0	38	6.6	73	152	105	–	KM5	160.0	0.10	PHF FX80-22X32
	24	35	6.5	18.0	45	8.8	105	185	127	–	KM6	220.0	0.09	PHF FX80-24X35
	25	35	6.5	18.0	45	8.8	110	178	127	–	KM6	220.0	0.09	PHF FX80-25X35
	28	36	6.5	18.0	45	8.6	120	159	124	–	KM6	220.0	0.07	PHF FX80-28X36
	30	40	7.0	19.5	52	10.6	160	164	123	–	KM7	340.0	0.07	PHF FX80-30X40
	32	42	7.0	19.5	52	10.6	170	154	117	–	KM7	340.0	0.17	PHF FX80-32X42
	35	45	8.0	21.5	58	13.1	230	153	120	–	KM8	480.0	0.17	PHF FX80-35X45
	36	45	8.0	21.5	58	13.3	240	149	120	–	KM8	480.0	0.15	PHF FX80-36X45
	38	48	8.0	21.5	58	13.1	250	141	112	–	KM8	480.0	0.15	PHF FX80-38X48
	40	52	10.0	24.5	65	15.5	310	120	93	–	KM9	680.0	0.24	PHF FX80-40X52
	42	55	10.0	25.5	65	15.2	320	114	87	–	KM9	680.0	0.25	PHF FX80-42X55
	45	57	10.0	25.5	70	17.7	400	122	96	–	KM10	870.0	0.28	PHF FX80-45X57
	48	62	10.0	25.5	75	20.8	500	135	105	–	KM11	970.0	0.32	PHF FX80-48X62
	50	62	10.0	25.5	75	20.8	520	130	105	–	KM11	970.0	0.30	PHF FX80-50X62
	55	68	12.0	27.5	80	22.0	610	103	84	–	KM12	1 100.0	0.36	PHF FX80-55X68
	56	68	12.0	27.5	80	22.0	620	101	82	–	KM12	1 100.0	0.34	PHF FX80-56X68
	60	73	12.0	28.5	85	26.6	800	113	93	–	KM13	1 300.0	0.40	PHF FX80-60X73
	63	79	14.0	30.5	92	31.1	980	107	86	–	KM14	1 600.0	0.56	PHF FX80-63X79
	65	79	14.0	30.5	92	31.1	1 010	104	86	–	KM14	1 600.0	0.52	PHF FX80-65X79
	70	84	14.0	31.5	98	35.4	1 240	110	92	–	KM15	2 000.0	0.60	PHF FX80-70X84
FX90	14	25	20.0	30.0	32	9.0	64	85	45	KM4	–	95.0	0.08	PHF FX90-14X25
	15	25	20.0	30.0	32	9.0	70	80	45	KM4	–	95.0	0.08	PHF FX90-15X25
	16	25	20.0	30.0	32	9.0	73	75	45	KM4	–	95.0	0.07	PHF FX90-16X25
	17	25	20.0	32.0	32	9.0	80	70	45	KM4	–	160.0	0.07	PHF FX90-17X25
	18	30	20.0	32.0	38	9.0	83	65	40	KM4	–	160.0	0.12	PHF FX90-18X30
	19	30	20.0	32.0	38	11.0	105	75	45	KM5	–	160.0	0.12	PHF FX90-19X30
	20	30	20.0	32.0	38	11.0	112	70	45	KM5	–	160.0	0.11	PHF FX90-20X30
	22	35	25.0	36.0	45	14.0	163	70	45	KM6	–	220.0	0.18	PHF FX90-22X35
	24	35	25.0	36.0	45	14.0	178	65	45	KM6	–	220.0	0.16	PHF FX90-24X35
	25	35	25.0	36.0	45	14.0	185	60	45	KM6	–	220.0	0.15	PHF FX90-25X35
	28	40	30.0	42.0	52	17.0	250	55	40	KM7	–	340.0	0.24	PHF FX90-28X40
	30	40	30.0	42.0	52	17.0	270	50	40	KM7	–	340.0	0.21	PHF FX90-30X40
	32	45	30.0	44.0	58	21.0	350	60	45	KM8	–	480.0	0.32	PHF FX90-32X45
	35	45	30.0	44.0	58	21.0	390	55	45	KM8	–	480.0	0.26	PHF FX90-35X45
	38	50	30.0	45.0	65	26.0	500	60	45	KM9	–	680.0	0.35	PHF FX90-38X50
	40	50	30.0	45.0	65	26.0	520	55	45	KM9	–	680.0	0.33	PHF FX90-40X50
	42	55	30.0	46.0	70	30.0	680	60	50	KM10	–	870.0	0.43	PHF FX90-42X55
	45	55	30.0	46.0	70	30.0	680	60	50	KM10	–	870.0	0.39	PHF FX90-45X55
	48	60	30.0	46.0	75	35.0	840	60	50	KM11	–	970.0	0.45	PHF FX90-48X60
	50	60	30.0	46.0	75	35.0	880	60	50	KM11	–	970.0	0.40	PHF FX90-50X60
	55	65	30.0	46.0	80	37.0	1 030	60	50	KM12	–	1 100.0	0.44	PHF FX90-55X65
	60	70	30.0	52.0	85	45.0	1 360	65	55	KM13	–	1 300.0	0.55	PHF FX90-60X70

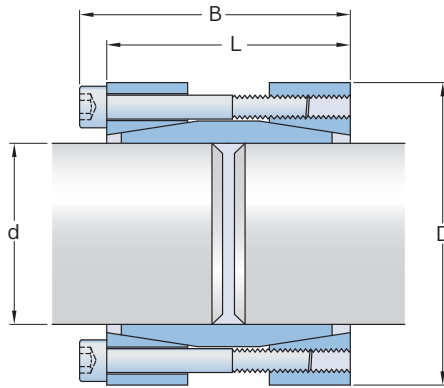
FX keyless bushings
FX120



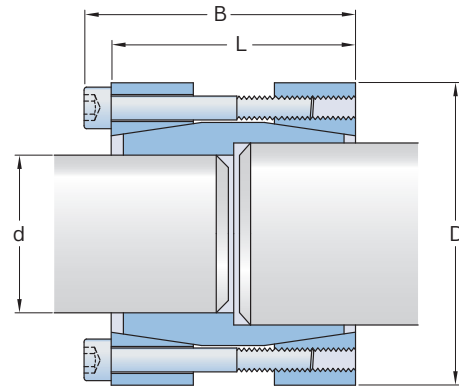
FX120

Bushing no.	Dimensions						Transmissible axial force F_t	Transmissible torque M_t	Shaft surface pressure P_w	Hub surface pressure P_n	Clamp screws size	Clamp screws size	Screw tightening torque M_s	Mass	Designation
	d	D	L	L_1	L_2	B									
–	mm						kN	Nm	N/mm ²				Nm	kg	–
FX120	18	40	–	12.0	18.5	24.5	–	190	260	120	6	M6	16.0	–	PHF FX120-18X40
	19	41	–	12.0	18.5	24.5	–	210	260	120	6	M6	16.0	–	PHF FX120-19X41
	20	42	–	12.0	18.5	24.5	–	240	250	120	6	M6	16.0	–	PHF FX120-20X42
	24	46	–	12.0	18.5	24.5	–	290	250	120	6	M6	16.0	–	PHF FX120-24X46
	25	47	–	12.0	18.5	24.5	–	330	230	120	8	M6	16.0	–	PHF FX120-25X47
	28	50	–	12.0	18.5	24.5	–	370	220	120	8	M6	16.0	–	PHF FX120-28X50
	30	52	–	12.0	18.5	24.5	–	430	210	120	8	M6	16.0	–	PHF FX120-30X52
	35	57	–	15.0	22.0	28.0	–	610	170	100	12	M6	16.0	–	PHF FX120-35X57
	38	60	–	15.0	22.0	28.0	–	680	170	100	12	M6	16.0	–	PHF FX120-38X60
	40	62	–	15.0	22.0	28.0	–	780	170	100	12	M6	16.0	–	PHF FX120-40X62
	42	70	–	18.0	28.0	36.0	–	1 480	190	110	12	M8	41.0	–	PHF FX120-42X70
	45	73	–	18.0	28.0	36.0	–	1 500	210	130	12	M8	41.0	–	PHF FX120-45X73
	48	76	–	18.0	28.0	36.0	–	1 550	210	130	12	M8	41.0	–	PHF FX120-48X76
	50	78	–	18.0	28.0	36.0	–	1 650	190	120	12	M8	41.0	–	PHF FX120-50X78
	55	83	–	18.0	28.0	36.0	–	2 000	190	120	16	M8	41.0	–	PHF FX120-55X83
	60	88	–	18.0	28.0	36.0	–	2 350	190	120	16	M8	41.0	–	PHF FX120-60X88
	70	105	–	22.0	35.0	45.0	–	3 900	180	120	12	M10	70.0	–	PHF FX120-70X105
	80	115	–	22.0	35.0	45.0	–	4 800	170	120	16	M10	70.0	–	PHF FX120-80X115

FX keyless bushing (coupling)
FX130



FX130 Standard version

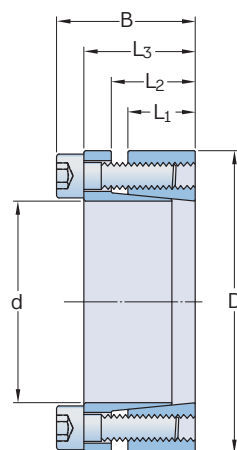


FX130 Double diameter version

Bushing no.	Dimensions						Transmissible axial force	Transmissible torque	Shaft surface pressure	Hub surface pressure	Clamp screws size	Clamp screws size	Screw tightening torque	Mass	Designation
	d	D	L	L ₁	L ₂	B	F _t	M _t	P _w	P _n			M _s		
–	mm						kN	Nm	N/mm ²				Nm	kg	–
FX130	15	45	50	-	-	56	16	125	126	-	4	M6	17	0.4	PHF FX130-15X45
	16	45	50	-	-	56	17	131	117	-	4	M6	17	0.4	PHF FX130-16X45
	17	50	50	-	-	56	24.5	210	118	-	4	M6	17	0.5	PHF FX130-17X50
	18	50	50	-	-	56	24.5	230	109	-	4	M6	17	0.5	PHF FX130-18X50
	19	50	50	-	-	56	24.5	240	96	-	4	M6	17	0.5	PHF FX130-19X50
	20	50	50	-	-	56	24.5	250	93	-	4	M6	17	0.5	PHF FX130-20X50
	22	55	60	-	-	66	24.5	270	107	-	4	M6	17	0.6	PHF FX130-22X55
	24	55	60	-	-	66	24.5	300	96	-	4	M6	17	0.6	PHF FX130-24X55
	25	55	60	-	-	66	36.5	460	95	-	6	M6	17	0.6	PHF FX130-25X55
	28	60	60	-	-	66	36.5	520	84	-	6	M6	17	0.7	PHF FX130-28X60
	30	60	60	-	-	66	36.5	560	79	-	6	M6	17	0.7	PHF FX130-30X60
	32	75	60	-	-	68	36.5	590	77	-	6	M6	17	0.7	PHF FX130-32X75
	35	75	75	-	-	83	45.5	770	82	-	4	M8	41	1.3	PHF FX130-35X75
	38	75	75	-	-	83	45.5	860	75	-	4	M8	41	1.3	PHF FX130-38X75
	40	75	75	-	-	83	45.5	910	64	-	4	M8	41	1.3	PHF FX130-40X75
	42	90	75	-	-	83	45.5	940	65	-	4	M8	41	2	PHF FX130-42X90
	45	90	85	-	-	93	67.5	1530	73	-	6	M8	41	2.2	PHF FX130-45X90
	48	90	85	-	-	93	67.5	1610	70	-	6	M8	41	2.4	PHF FX130-48X90
	50	90	85	-	-	93	67.5	1700	64	-	6	M8	41	2.3	PHF FX130-50X90
	55	105	85	-	-	93	90.5	2 460	63	-	8	M8	41	2.9	PHF FX130-55X105
	60	105	85	-	-	93	90.5	2 720	59	-	8	M8	41	3.2	PHF FX130-60X105
	65	105	85	-	-	93	90.5	2 940	53	-	8	M8	41	3	PHF FX130-65X105
	70	125	100	-	-	110	107.5	3 780	50	-	6	M10	83	4.3	PHF FX130-70X125
	75	125	100	-	-	110	107.5	4 040	47	-	6	M10	83	5	PHF FX130-75X125
	80	125	100	-	-	110	107.5	4 030	65	-	6	M10	83	4.7	PHF FX130-80X125
	85	130	100	-	-	110	121	4 260	64	-	8	M10	83	5.7	PHF FX130-85X130
	90	135	100	-	-	110	122	4 820	72	-	8	M10	83	6.7	PHF FX130-90X135
	95	140	120	-	-	130	124	5 170	67	-	8	M10	83	7.7	PHF FX130-95X140
	100	150	120	-	-	132	127	5 590	66	-	8	M12	145	8.7	PHF FX130-100X150

FX keyless bushings

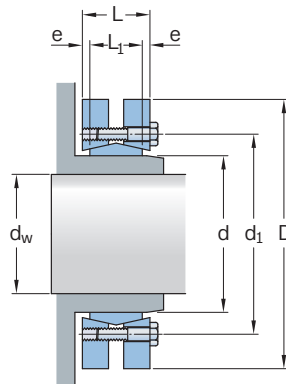
FX140



FX140

Bushing no.	Dimensions						Transmissible axial force	Transmissible torque	Shaft surface pressure	Hub surface pressure	Clamp screws	Clamp screws size	Screw tightening torque	Mass	Designation
	d	D	L ₁	L ₂	L ₃	B	F _t	M _t	P _w	P _n	Quantity		M _s		
–	mm						kN	Nm	N/mm ²				Nm	kg	–
FX140	18	40	12.0	15.0	20.0	24.0	23.7	210	235	130	6	M4	5.0	0.20	PHF FX140-18X40
	19	41	12.0	15.0	20.0	24.0	23.7	220	220	128	6	M4	5.0	0.20	PHF FX140-19X41
	20	42	12.0	15.0	20.0	24.0	27.7	270	245	145	7	M4	5.0	0.20	PHF FX140-20X42
	22	44	12.0	15.0	20.0	24.0	27.7	300	225	140	7	M4	5.0	0.20	PHF FX140-22X44
	24	46	12.0	15.0	20.0	24.0	27.7	330	205	135	7	M4	5.0	0.20	PHF FX140-24X46
	25	47	12.0	15.0	20.0	24.0	27.7	340	195	130	7	M4	5.0	0.20	PHF FX140-25X47
	28	50	12.0	15.0	20.0	24.0	35.6	500	225	155	9	M4	5.0	0.20	PHF FX140-28X50
	30	52	12.0	15.0	20.0	24.0	35.6	530	210	151	9	M4	5.0	0.20	PHF FX140-30X52
	32	54	12.0	15.0	20.0	24.0	35.6	570	197	146	9	M4	5.0	0.20	PHF FX140-32X54
	35	57	16.0	19.0	24.0	28.0	39.5	690	158	115	10	M4	5.0	0.30	PHF FX140-35X57
	36	58	16.0	19.0	24.0	28.0	39.5	710	155	113	10	M4	5.0	0.30	PHF FX140-36X58
	38	60	16.0	19.0	24.0	28.0	43.5	830	160	120	11	M4	5.0	0.30	PHF FX140-38X60
	40	62	16.0	19.0	24.0	28.0	43.5	870	150	116	11	M4	5.0	0.40	PHF FX140-40X62
	42	70	19.0	23.0	30.0	36.0	73.0	1530	200	146	8	M6	17.0	0.60	PHF FX140-42X70
	45	73	19.0	23.0	30.0	36.0	73.0	1640	185	140	8	M6	17.0	0.60	PHF FX140-45X73
	48	76	19.0	23.0	30.0	36.0	73.0	1750	175	134	8	M6	17.0	0.60	PHF FX140-48X76
	50	78	19.0	23.0	30.0	36.0	73.0	1820	165	131	8	M6	17.0	0.60	PHF FX140-50X78
	55	83	19.0	23.0	30.0	36.0	73.0	2000	150	123	8	M6	17.0	0.70	PHF FX140-55X83
	56	84	19.0	23.0	30.0	36.0	73.0	2040	150	120	8	M6	17.0	0.70	PHF FX140-56X84
	60	88	19.0	23.0	30.0	36.0	82.1	2460	158	130	9	M6	17.0	0.70	PHF FX140-60X88
	63	91	19.0	23.0	30.0	36.0	82.1	2580	150	125	9	M6	17.0	0.90	PHF FX140-63X91
	65	93	19.0	23.0	30.0	36.0	82.1	2660	140	120	9	M6	17.0	1.00	PHF FX140-65X93
	70	105	23.0	28.0	37.0	45.0	134.8	4720	180	148	8	M8	41.0	1.50	PHF FX140-70X105
	75	110	23.0	28.0	37.0	45.0	134.8	5050	170	140	8	M8	41.0	1.50	PHF FX140-75X110
	80	115	23.0	28.0	37.0	45.0	134.8	5390	160	135	8	M8	41.0	1.70	PHF FX140-80X115
	85	120	23.0	28.0	37.0	45.0	134.8	5730	150	130	8	M8	41.0	2.00	PHF FX140-85X120
	90	125	23.0	28.0	37.0	45.0	168.5	7580	156	156	10	M8	41.0	2.30	PHF FX140-90X125

FX 3 part shrink disc
FX190

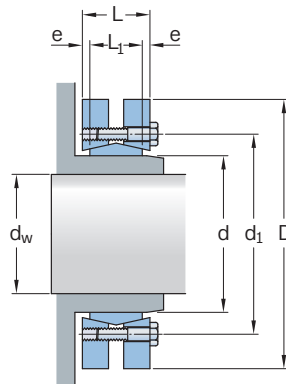


FX190

Bushing no.	Dimensions		D	L ₁	L	d ₁	e	Transmissible axial force F _t	Transmissible torque M _t	Clamp screws		Screw tightening torque M _s	Mass	Designation
	d	d _w								Quantity	Size			
–	mm							kN	Nm			Nm	kg	–
FX190	14	11 12	38	7	11.0	23	2	6 9	30 50	4	M5	4	0.1	PHF FX190-14X38
	16	13 14	41	11	15.0	26	2	10 13	70 90	5	M5	4	0.1	PHF FX190-16X41
	24	19 20 21	50	14	19.5	36	2.75	25 27 29	170 210 250	6	M5	4	0.2	PHF FX190-24X50
	30	24 25 26	60	16	21.5	44	2.75	29 31 33	300 340 380	7	M5	4	0.3	PHF FX190-30X60
	36	28 30 31	72	18	23.5	52	2.75	50 58 58	440 570 630	5	M6	12	0.4	PHF FX190-36X72
	44	32 35 36	80	20	25.5	61	2.75	64 74 77	620 780 860	7	M6	12	0.6	PHF FX190-44X80
	50	38 40 42	90	22	27.5	70	2.75	79 86 92	940 1 160 1 380	8	M6	12	0.8	PHF FX190-50X90
	55	42 45 48	100	23	30.5	75	3.75	79 88 97	1 160 1 520 1 880	8	M6	12	1.1	PHF FX190-55X100
	62	48 50 52	110	23	30.5	86	3.75	100 111 117	1 850 2 200 2 400	10	M6	12	1.3	PHF FX190-62X110
	68	50 55 60	115	23	30.5	86	3.75	97 106 120	2 000 2 500 3 150	10	M6	12	1.4	PHF FX190-68X115
	75	55 60 65	138	25	32.5	100	3.75	119 137 155	2 500 3 200 3 950	7	M8	30	1.7	PHF FX190-75X138
	80	60 65 70	145	25	32.5	100	3.75	124 140 158	3 200 3 900 4 600	7	M8	30	1.9	PHF FX190-80X145
	85	65 70 75	155	30	39.0	114	4.5	175 195 216	4 800 6 100 7 400	10	M8	30	3.5	PHF FX190-85X155

Bushing no.	Dimensions							Transmissible axial force F_t	Transmissible torque M_t	Clamp screws		Screw tightening torque M_s	Mass	Designation
	d	d _w	D	L ₁	L	d ₁	e			Quantity	Size			
–	mm							kN	Nm			Nm	kg	–
FX190	90	65 70 75	155	30	39.0	114	4.5	170 190 210	4 750 6 000 7 250	10	M8	30	3.3	PHF FX190-90X155
	100	70 75 80	170	34	44.0	124	5	195 220 240	6 900 7 500 9 000	12	M8	30	4.7	PHF FX190-100X170
	110	75 80 85	185	39	50.0	136	5.5	229 252 262	7 200 9 000 10 800	9	M10	59	5.9	PHF FX190-110X185
	115	80 85 90	188	39	50.0	141	5.5	235 259 269	7 400 9 200 11 100	9	M10	59	5.5	PHF FX190-115X188
	120	80 85 90	215	42	54.0	160	6	285 314 340	10 600 13 300 14 500	12	M10	59	9	PHF FX190-120X215
	125	85 90 95	215	42	54.0	160	6	296 324 352	11 000 13 000 15 000	12	M10	59	8.3	PHF FX190-125X215
	130	90 95 100	215	42	54.0	160	6	304 333 362	11 300 13 300 15 400	12	M10	59	8	PHF FX190-130X215
	140	95 100 105	230	46	60.5	175	7.25	367 396 425	15 100 17 600 20 100	10	M12	100	10	PHF FX190-140X230
	155	105 110 115	265	50	64.5	192	7.25	447 478 509	22 000 25 000 28 000	12	M12	100	15	PHF FX190-155X265
	160	110 115 120	265	50	64.5	192	7.25	460 490 520	22 600 25 700 28 800	12	M12	100	14.5	PHF FX190-160X265
	165	115 120 125	290	56	71.0	210	7.5	595 630 655	31 000 35 000 39 000	8	M16	250	22	PHF FX190-165X290
	170	120 125 130	290	56	71.0	210	7.5	610 640 670	31 900 36 000 40 100	8	M16	250	21	PHF FX190-170X290

FX 3 part shrink disc
FX190

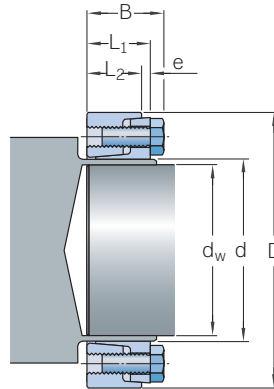


FX190

Bushing no.	Dimensions							Transmissible axial force F_t	Transmissible torque M_t	Clamp screws		Screw tightening torque M_s	Mass	Designation
	d	d _w	D	L ₁	L	d ₁	e			Quantity	Size			
–	mm							kN	Nm			Nm	kg	–
FX190	175	125 130 135	300	56	71.0	220	7.5	605 369 675	36 000 41 000 45 000	8	M16	250	22	PHF FX190-175X300
	180	130 135 140	330	71	86.0	236	7.5	778 819 861	52 000 57 000 62 000	8	M16	250	21	PHF FX190-180X330
	185	135 140 145	330	71	86.0	236	7.5	778 819 861	52 000 57 000 62 000	10	M24	250	37	PHF FX190-185X330
	190	140 145 150	330	71	86.0	236	7.5	800 840 885	63 500 58 700 63 800	10	M16	250	36	PHF FX190-190X330
	195	140 150 155	350	71	86.0	246	7.5	933 1 025 1 071	65 000 76 000 81 500	12	M16	250	41	PHF FX190-195X350
	200	150 155 160	350	71	86.0	246	7.5	990 1 035 1 080	74 000 80 000 86 000	12	M16	250	41	PHF FX190-200X350
	220	160 165 170	370	88	104.0	270	8	1 190 1 239 1 290	95 000 102 000 110 000	15	M16	250	54	PHF FX190-220X370
	240	170 180 190	405	92	109	295	8.5	1 464 1 576 1 675	120 000 138 000 156 000	12	M20	490	67	PHF FX190-240X405
	260	190 200 210	430	103	120	321	8.5	1 760 1 880 2 010	164 000 184 000 205 000	14	M20	490	82	PHF FX190-260X430
	280	210 220 230	460	114	134	346	10	2 090 2 220 2 350	217 000 244 000 270 000	16	M20	490	102	PHF FX190-280X460
	300	230 240 245	485	122	142	364	10	2 431 2 567 2 636	275 000 295 000 315 000	18	M20	490	118	PHF FX190-300X485
	320	240 250 260	520	122	142	386	10	2 647 2 786 2 900	312 000 340 000 374 000	20	M20	490	131	PHF FX190-320X520

Bushing no.	Dimensions							Transmissible axial force F_t	Transmissi- ble torque M_t	Clamp screws		Screw tightening torque M_s	Mass	Designation
	d	d _w	D	L ₁	L	d ₁	e			Quantity	Size			
–	mm							kN	Nm			Nm	kg	–
FX190	340	250 260 270	570	134	156	408	11	3 119 3 249 3 400	390 000 422 500 460 000	24	M20	490	186	PHF FX190-340X570
	350	270 280 285	580	140	162	432	11	3 276 3 430 3 500	442 000 480 000 500 000	24	M20	490	195	PHF FX190-350X580
	360	280 290 295	590	140	162	432	11	3 310 3 461 3 536	463 000 502 000 522 000	24	M20	490	204	PHF FX190-360X590
	380	290 300 310	645	144	168	458	12	3 910 4 080 4 248	567 000 610 000 658 000	20	M24	840	239	PHF FX190-380X645
	390	300 310 320	660	144	168	468	12	4 160 4 330 4 484	624 000 671 000 718 000	21	M24	840	260	PHF FX190-390X660
	400	315 320 330	680	144	168	480	12	4 260 4 345 4 500	670 000 695 000 744 000	21	M24	840	280	PHF FX190-400X680
	420	330 340 350	690	164	188	504	12	4 850 5 040 5 220	780 000 840 000 900 000	24	M24	840	316	PHF FX190-420X690
	440	340 350 360	750	177	202	527	12.5	4 740 4 910 5 090	806 000 860 000 917 000	24	M24	840	408	PHF FX190-440X750
	460	360 370 380	770	177	202	547	12.5	5 670 5 860 6 050	1 000 000 1 070 000 1 140 000	28	M24	840	420	PHF FX190-460X770
	480	380 390 400	800	188	213	570	12.5	6 150 6 350 6 550	1 170 000 1 240 000 1 310 000	30	M24	840	505	PHF FX190-480X800

FX 2 part shrink disc
FX195

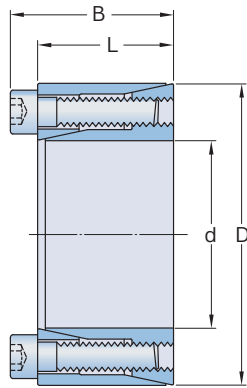


FX195

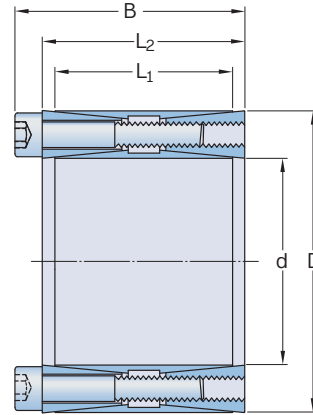
Bushing no.	Dimensions							Transmissible axial force F_t	Transmissible torque M_t	Set screws acc. DIN912 (Grade 12.9)			M_s	Mass	Designation
	d	d_w	D	L_1	L_2	e	B			D_1	Quantity	Size			
–	mm							kN	Nm				Nm	kg	–
FX195	100	70 75 80	170	50	43	7	50	213 237 261	7 400 8 900 10 400	124	12	M10	70	4.3	PHF FX195-100X170
	110	80 85 90	185	57	49	8	57	314 344 375	12 600 14 600 15 900	138	10	M12	121	5.8	PHF FX195-110X185
	120	85 90 95	215	60	53	8	61	320 349 378	13 600 15 700 18 000	147	12	M12	121	6.9	PHF FX195-120X215
	125	90 95 100	215	61	53	8	61	365 395 426	16 400 18 800 21 300	152	12	M12	121	8.7	PHF FX195-125X215
	135	95 100 110	230	67	58	9	67	427 459 525	20 300 23 000 28 900	165	10	M14	195	11	PHF FX195-123X230
	140	100 105 115	230	67	58	9	67	459 492 558	23 000 25 800 32 100	170	10	M14	195	10	PHF FX195-140X230
	155	110 115 125	263	71	62	9	71	565 601 672	31 100 34 500 42 000	184	12	M14	195	15	PHF FX195-155X263
	165	120 125 135	290	78	68	10	78	734 776 860	44 000 48 500 58 100	198	10	M16	300	22	PHF FX195-165X290
	175	130 135 145	300	78	68	10	78	834 876 962	54 000 59 000 70 000	208	12	M16	300	23	PHF FX195-175X300
	185	140 145 155	320	95	85	10	95	1 157 1 210 1 319	81 000 88 000 102 000	222	14	M16	300	33	PHF FX195-185X320
	200	150 155 165	340	95	85	10	95	1 279 1 333 1 442	96 000 103 000 119 000	238	16	M16	300	36	PHF FX195-200X340
	220	160 170 180	370	116	103	13	116	1 615 1 749 1 883	129 000 149 000 169 000	268	16	M20	570	53	PHF FX195-220X370

Bushing no.	Dimensions							Transmissible axial force F _t	Transmissible torque M _t	Set screws acc. DIN912 (Grade (12.9)				Mass	Designation
	d	d _w	D	L ₁	L ₂	e	B			D ₁	Quantity		Size		
	–	mm						kN	Nm					Nm	kg
FX195	240	170 180 200	405	120	103	13	120	1 773 1 909 2 183	151 000 172 000 218 000	288	18	M20	570	66	PHF FX195-240X405
	260	190 200 220	430	132	107	13	132	2 231 2 385 2 696	212 000 238 000 297 000	312	21	M20	570	82	PHF FX195-260X430
	280	210 220 240	460	145	119	13	145	2 661 2 825 3 156	279 000 311 000 379 000	334	22	M20	570	82	PHF FX195-280X460
	300	220 230 250	485	155	132	15	155	2 520 2 580 2 660	332 000 357 000 443 000	360	20	M24	980	103	PHF FX195-300X485
	320	240 250 270	520	155	140	15	155	3 370 3 549 3 911	404 000 444 000 528 000	380	21	M24	980	120	PHF FX195-320X520
	340	250 260 280	570	170	140	15	170	3 905 4 101 4 498	480 000 530 000 630 000	402	22	M24	980	138	PHF FX195-340X580
	350	270 280 290	580	177	155	15	177	4 563 4 778 5 000	625 000 677 000 7900 00	414	24	M24	980	189	PHF FX195-350X580
	360	270 280 300	590	177	162	15	177	4 628 4 839 5 264	625 000 677 000 790 000	424	24	M24	980	207	PHF FX195-360X590
	380	290 300 310	640	183	162	17	183	5 000 5 220 5 445	725 000 783 000 844 000	454	17	M27	1 450	244	PHF FX195-380X640
	390	290 300 320	650	183	166	17	183	5 384 5 611 6 069	781 000 842 000 971 000	454	18	M27	1 450	249	PHF FX195-390X650
	420	320 330 350	670	203	166	17	203	6 057 6 290 6 758	969 000 1 038 000 1 183 000	486	21	M27	1 450	285	PHF FX195-420X670
	440	340 350 370	740	211	186	17	211	7 128 7 382 7 891	1 212 000 1 292 000 1 460 000	506	24	M27	1 450	357	PHF FX195-440X740
	460	360 370 390	770	211	194	17	211	7 739 7 995 8 511	1 393 000 1 479 000 1 660 000	534	25	M27	1 450	419	PHF FX195-460X770
	480	380 390 410	800	232	213	19	232	8 721 8 993 9 542	1 657 000 1 754 000 1 956 000	552	27	M27	1 970	492	PHF FX195-480X800
500	400 410 430	850	232	213	19	232	9 435 9 717 10 283	1 887 000 1 992 000 2 211 000	572	28	M27	1 970	567	PHF FX195-500X850	

FX keyless bushings
FX350 | FX400



FX350



FX400

Bushing no.	Dimensions						Transmissible axial force	Transmissible torque	Shaft surface pressure	Hub surface pressure	Clamp screws	Clamp screws size	Screw tightening torque	Mass	Designation
	d	D	L	L ₁	L ₂	B	F _t	M _t	P _w	P _n	Quantity		M _s		
–	mm						kN	Nm	N/mm ²				Nm	kg	–
FX350	10	20	13	–	–	15.5	–	15	110	55	4	M2.5	1.2	0.02	PHF FX350-10X20
	12	22	13	–	–	15.5	–	20	90	50	4	M2.5	1.2	0.02	PHF FX350-12X22
	14	26	17	–	–	20.0	–	35	105	55	4	M3	2.1	0.04	PHF FX350-14X26
	15	28	17	–	–	20.0	–	40	100	50	4	M3	2.1	0.04	PHF FX350-15X28
	16	32	17	–	–	21.0	–	70	130	65	4	M4	4.9	0.07	PHF FX350-16X32
	18	35	21	–	–	25.0	–	80	115	60	4	M4	4.9	0.09	PHF FX350-18X35
	19	35	21	–	–	25.0	–	85	110	60	4	M4	4.9	0.08	PHF FX350-19X35
	20	38	21	–	–	26.0	–	220	220	115	6	M5	10.0	0.10	PHF FX350-20X38
	22	40	21	–	–	26.0	–	240	200	110	6	M5	10.0	0.11	PHF FX350-22X40
	24	47	26	–	–	32.0	–	380	220	110	6	M6	17.0	0.19	PHF FX350-24X47
	25	47	26	–	–	32.0	–	390	210	110	6	M6	17.0	0.19	PHF FX350-25X47
	30	55	–	39	45	51	115	1193	150	67	8	M6	17	0.5	PHF FX400-30X55
	32	60	–	39	45	51	115	1273	188	82	8	M6	17	0.6	PHF FX400-32X60
	35	60	–	39	45	51	115	1392	173	82	8	M6	17	0.5	PHF FX400-35X60
	38	65	–	39	45	51	115	1702	161	94	10	M6	17	0.6	PHF FX400-38X65
	40	65	–	39	45	51	115	1786	153	93	10	M6	17	0.6	PHF FX400-40X65
FX400	42	75	–	56	64	72	170	3 250	182	100	8	M8	41	1.2	PHF FX400-42X75
	45	75	–	56	64	72	155	3 460	165	100	8	M8	41	1.3	PHF FX400-45X75
	48	80	–	56	64	72	155	3 680	150	95	8	M8	41	1.5	PHF FX400-48X80
	50	80	–	56	64	72	155	3 820	147	95	8	M8	41	1.4	PHF FX400-50X80
	55	85	–	56	64	72	155	4 260	135	85	8	M8	41	1.5	PHF FX400-55X85
	60	90	–	56	64	72	190	5 820	155	100	10	M8	41	1.5	PHF FX400-60X90
	65	95	–	56	64	72	190	6 270	140	95	10	M8	41	1.6	PHF FX400-65X95
	70	110	–	70	78	88	305	10 730	170	105	10	M10	83	3	PHF FX400-70X110
	75	115	–	70	78	88	305	11 540	155	100	10	M10	83	3.1	PHF FX400-75X115
	80	120	–	70	78	88	369	14 700	175	115	12	M10	83	3.5	PHF FX400-80X120
	85	125	–	70	78	88	369	15 700	165	110	12	M10	83	3.5	PHF FX400-85X125
	90	130	–	70	78	88	370	16 610	157	106	12	M10	83	3.8	PHF FX400-90X130
	95	135	–	70	78	88	370	17 530	150	102	12	M10	83	4	PHF FX400-95X135
	100	145	–	90	100	112	538	26 900	160	110	12	M12	145	6	PHF FX400-100X145
	110	155	–	90	100	112	538	29 530	143	102	12	M12	145	6.2	PHF FX400-110X155
	120	165	–	90	100	112	628	37 610	154	112	14	M12	145	6.8	PHF FX400-120X165
	130	180	–	104	116	130	738	48 000	143	106	12	M14	230	9.8	PHF FX400-130X180
	140	190	–	104	116	130	861	60 290	160	117	14	M14	230	10.2	PHF FX400-140X190
	150	200	–	104	116	130	985	73 800	165	125	16	M14	230	10.9	PHF FX400-150X200
	160	210	–	104	116	130	983	78 770	155	118	16	M14	230	11.5	PHF FX400-160X210
	170	225	–	134	146	162	1197	101 730	140	108	14	M16	355	17.2	PHF FX400-170X225
	180	235	–	134	146	162	1369	123 200	150	115	16	M16	355	18	PHF FX400-180X235
	190	250	–	134	146	162	1368	129 880	141	110	16	M16	355	21.5	PHF FX400-190X250
	200	260	–	134	146	162	1368	136 840	137	104	16	M16	355	22	PHF FX400-200X260
	220	285	–	134	146	162	1710	188 000	155	120	20	M16	355	25	PHF FX400-220X285
	240	305	–	134	146	162	1880	225 000	155	120	22	M16	355	27	PHF FX400-240X305
	260	325	–	134	146	162	1880	244 000	155	115	22	M16	355	30	PHF FX400-260X325
	280	355	–	165	177	197	2 670	373 000	145	120	20	M20	690	46	PHF FX400-280X355
	300	375	–	165	177	197	2 930	440 000	155	125	22	M20	690	50	PHF FX400-300X375
	320	405	–	165	177	197	2 930	470 000	145	115	22	M20	690	60	PHF FX400-320X405
	340	425	–	165	177	197	3 200	544 000	150	120	24	M20	690	65	PHF FX400-340X425
	360	455	–	190	202	224	3 650	658 000	140	110	22	M22	930	89	PHF FX400-360X455
	380	475	–	190	202	224	4 320	821 000	160	130	26	M22	930	93	PHF FX400-380X475
	400	495	–	190	202	224	4 320	864 000	150	120	26	M22	930	98	PHF FX400-400X495

SH bushings

SHT | SHR

SH Bushings are designed to mount components to a shaft. Sounds simple, right? However, if you are using traditional connections, such as keys and keyways, which have been around for quite some time, or keyed tapered bushings, which are especially popular around the globe, you could be using something that is surprisingly ineffective.

When keyways are cut into components and shafts, they reduce the cross section and strength of the machined parts. As a result, any shafts, gears or pulleys containing a keyway must be oversized to compensate for the reduced cross section. Keys and keyways require a clearance fit on several planes. The combined effect of these clearances is backlash, which in some cases can enlarge the keyways, while promoting fatigue failures and fretting corrosion. So, with the facts in front of you, what are your options?



SHT or SHR?

You can choose between SHT and SHR to get the mounting system that fits your application.



SHT, delivered with a slotted outer sleeve, locks your application with pressure and friction. You only need a cylindrical bore in the hub.



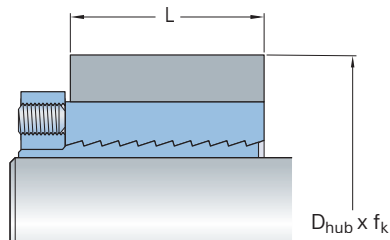
SHR, delivered with a non-slotted outer sleeve, can be used principally if you want to weld something onto the SH bushing, e.g. a lever.

SH bushings

Details of tolerances for mating parts

SH bushing d × D	Shaft(d) h11 to k6		Hub (D) h7 to h11		Shaft(d) h11 to k6		Hub (D) h7 to h11	
	Upper	Lower	Upper	Lower	Upper	Lower	Upper	Lower
	mm				inch			
15 × 42	15.012	14.890	42.160	42.000	0.5910	0.5862	16.598	16.535
16 × 42	16.012	15.890	42.160	42.000	0.6304	0.6256	16.598	16.535
17 × 42	17.012	16.890	42.160	42.000	0.6698	0.6650	16.598	16.535
18 × 42	18.012	17.890	42.160	42.000	0.7091	0.7043	16.598	16.535
19 × 42	19.015	18.870	42.160	42.000	0.7486	0.7429	16.598	16.535
20 × 42	20.015	19.870	42.160	42.000	0.7880	0.7823	16.598	16.535
22 × 42	22.015	21.870	42.160	42.000	0.8667	0.8610	16.598	16.535
24 × 46	24.015	23.870	46.160	46.000	0.9455	0.9398	18.173	18.110
25 × 46	25.015	24.870	46.160	46.000	0.9848	0.9791	18.173	18.110
28 × 55	28.015	27.870	55.190	55.000	11.030	10.972	21.728	21.654
30 × 55	30.015	29.870	55.190	55.000	11.817	11.760	21.728	21.654
32 × 60	32.018	31.840	60.190	60.000	12.606	12.535	23.697	23.622
35 × 60	35.018	34.840	60.190	60.000	13.787	13.717	23.697	23.622
38 × 67	38.018	37.840	67.190	67.000	14.968	14.898	26.453	26.378
40 × 67	40.018	39.840	67.190	67.000	15.755	15.685	26.453	26.378
42 × 67	42.018	41.840	67.190	67.000	16.543	16.472	26.453	26.378
45 × 70	45.018	44.840	70.190	70.000	17.724	17.654	27.634	27.559
48 × 77	48.018	47.840	77.190	77.000	18.905	18.835	30.390	30.315
50 × 77	50.018	49.840	77.190	77.000	19.692	19.622	30.390	30.315
55 × 85	55.021	54.810	85.220	85.000	21.662	21.579	33.551	33.465
60 × 92	60.021	59.810	92.220	92.000	23.630	23.547	36.307	36.220
65 × 100	65.021	64.810	100.220	100.000	25.599	25.516	39.457	39.370
70 × 105	70.021	69.810	105.220	105.000	27.567	27.484	41.425	41.339
75 × 110	75.021	74.810	110.220	110.000	29.536	29.453	43.394	43.307
80 × 120	80.021	79.810	120.220	120.000	31.504	31.421	47.331	47.244
85 × 125	85.025	84.780	125.250	125.000	33.474	33.378	49.311	49.213
90 × 135	90.025	89.780	135.250	135.000	35.443	35.346	53.248	53.150
95 × 140	95.025	94.780	140.250	140.000	37.411	37.315	55.217	55.118
100 × 140	100.025	99.780	140.250	140.000	39.380	39.283	55.217	55.118
110 × 155	110.025	109.780	155.250	155.000	43.317	43.220	61.122	61.024
120 × 165	120.025	119.780	165.250	165.000	47.254	47.157	65.059	64.961
130 × 175	130.028	129.750	175.250	175.000	51.192	51.038	68.996	68.898
140 × 185	140.028	139.750	185.290	185.000	55.129	55.020	72.949	72.935
150 × 205	150.028	149.750	205.290	205.000	59.066	58.957	80.823	80.709
160 × 215	160.028	159.750	215.290	215.000	63.003	62.894	84.760	84.646

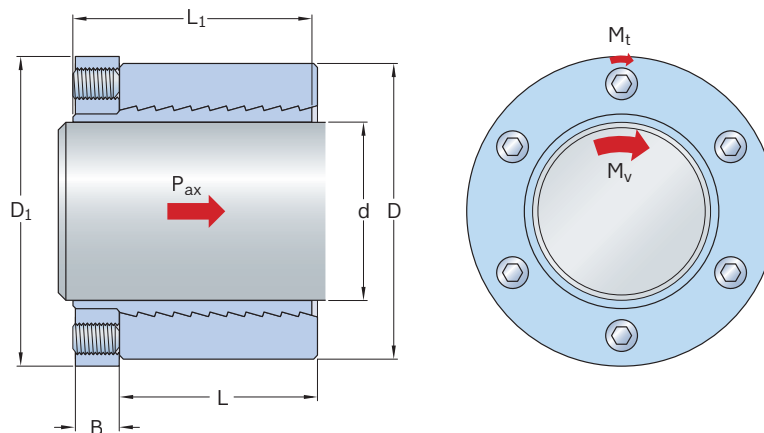
SH bushing	Shaft(d) h11 to k6		Hub (D) h7 to h11		Shaft(d) h11 to k6		Hub (D) h7 to h11	
d × D	Upper	Lower	Upper	Lower	Upper	Lower	Upper	Lower
	inch				mm			
$\frac{5}{8} \times 1 \frac{13}{16}$	0.6255	0.6207	18.188	18.125	158.870	157.650	461.975	460.375
$\frac{3}{4} \times 1 \frac{13}{16}$	0.7506	0.7449	18.188	18.125	190.650	189.200	461.975	460.375
$\frac{7}{8} \times 1 \frac{13}{16}$	0.8756	0.8699	18.188	18.125	222.400	220.950	461.975	460.375
$\frac{15}{16} \times 1 \frac{15}{16}$	0.9381	0.9324	19.438	19.375	238.275	236.825	493.725	492.125
$1 \times 1 \frac{15}{16}$	10.006	0.9949	19.438	19.375	254.150	252.700	493.725	492.125
$1 \frac{1}{8} \times 2 \frac{5}{16}$	11.256	11.199	23.200	23.125	285.900	284.450	589.275	587.375
$1 \frac{3}{16} \times 2 \frac{5}{16}$	11.882	11.812	23.200	23.125	301.805	300.025	589.275	587.375
$1 \frac{1}{4} \times 2 \frac{7}{16}$	12.507	12.437	24.450	24.375	317.680	315.900	621.025	619.125
$1 \frac{5}{16} \times 2 \frac{7}{16}$	13.132	13.062	24.450	24.375	333.555	331.775	621.025	619.125
$1 \frac{3}{8} \times 2 \frac{7}{16}$	13.757	13.687	24.450	24.375	349.430	347.650	621.025	619.125
$1 \frac{7}{16} \times 2 \frac{13}{16}$	14.382	14.312	28.200	28.125	365.305	363.525	716.275	714.375
$1 \frac{1}{2} \times 2 \frac{13}{16}$	15.007	14.937	28.200	28.125	381.180	379.400	716.275	714.375
$1 \frac{5}{8} \times 2 \frac{13}{16}$	16.257	16.187	28.200	28.125	412.930	411.150	716.275	714.375
$1 \frac{3}{4} \times 2 \frac{15}{16}$	17.507	17.437	29.450	29.375	444.680	442.900	748.025	746.125
$1 \frac{7}{8} \times 3 \frac{3}{16}$	18.757	18.687	31.962	31.875	476.430	474.650	811.825	809.625
$1 \frac{15}{16} \times 3 \frac{3}{16}$	19.382	19.312	31.962	31.875	492.305	490.525	811.825	809.625
$2 \times 3 \frac{3}{16}$	20.008	19.925	31.962	31.875	508.210	506.100	811.825	809.625
$2 \frac{1}{8} \times 3 \frac{7}{16}$	21.258	21.215	34.462	34.375	539.960	538.850	875.325	873.125
$2 \frac{3}{16} \times 3 \frac{7}{16}$	21.883	21.800	34.462	34.375	555.835	553.725	875.325	873.125
$2 \frac{3}{8} \times 4 \frac{1}{16}$	23.758	23.675	40.712	40.625	603.460	601.350	1.034.075	1.031.875
$2 \frac{7}{16} \times 4 \frac{1}{16}$	24.383	24.300	40.712	40.625	619.335	617.225	1.034.075	1.031.875
$2 \frac{1}{2} \times 4 \frac{1}{16}$	25.008	24.927	40.712	40.625	635.210	633.100	1.034.075	1.031.875
$2 \frac{3}{4} \times 4 \frac{3}{16}$	27.508	27.425	41.962	41.875	698.710	696.600	1.065.825	1.063.625
$2 \frac{15}{16} \times 4 \frac{7}{16}$	29.383	29.300	44.462	44.375	746.335	744.225	1.129.325	1.127.125
$3 \times 4 \frac{13}{16}$	30.008	29.925	48.223	48.125	762.210	760.100	1.224.875	1.222.375
$3 \frac{3}{16} \times 4 \frac{13}{16}$	31.885	31.788	48.223	48.125	809.875	807.425	1.224.875	1.222.375
$3 \frac{3}{8} \times 5 \frac{1}{16}$	33.760	33.663	50.723	50.625	857.500	855.050	1.288.375	1.285.875
$3 \frac{7}{16} \times 5 \frac{7}{16}$	34.385	34.288	54.473	54.375	873.375	870.925	1.383.625	1.381.125
$3 \frac{1}{2} \times 5 \frac{7}{16}$	35.010	34.913	54.473	54.375	889.250	886.800	1.383.625	1.381.125
$3 \frac{15}{16} \times 5 \frac{11}{16}$	39.385	39.288	56.973	56.875	1.000.375	997.925	1.447.125	1.444.625
$4 \times 6 \frac{3}{16}$	40.010	39.913	61.973	61.875	1.016.250	1.013.800	1.574.125	1.571.625
$4 \frac{7}{16} \times 6 \frac{9}{16}$	44.385	44.288	65.723	65.625	1.127.375	1.124.925	1.669.375	1.666.875
$4 \frac{1}{2} \times 6 \frac{9}{16}$	45.010	44.913	65.723	65.625	1.143.250	1.140.800	1.669.375	1.666.875
$4 \frac{15}{16} \times 6 \frac{15}{16}$	49.386	49.277	69.473	69.375	1.254.405	1.251.625	1.764.625	1.762.125
$5 \times 6 \frac{15}{16}$	50.011	49.902	69.473	69.375	1.270.280	1.267.500	1.764.625	1.762.125
$5 \frac{1}{2} \times 7 \frac{5}{16}$	55.011	54.902	73.239	73.125	1.397.280	1.394.500	1.860.275	1.857.375
$6 \times 8 \frac{5}{16}$	60.011	59.902	83.239	83.125	1.524.280	1.521.500	2.114.275	2.111.375



Designation	Dimensions d × D	Surface pressure against hub P _y	Required minimum hub diameter D _{hub} (mm)						
			Yield limit R _p 0.2 80	120	200	250	300	400	500
–	mm	N/mm ²	N/mm ²				kN	Nm	N/mm ²
SHT 15	15 × 42	42	77	61	52	50	49	47	46
SHT 16	16 × 42	42	77	61	52	50	49	47	46
SHT 17	17 × 42	42	77	61	52	50	49	47	46
SHT 18	18 × 42	42	77	61	52	50	49	47	46
SHT 19	19 × 42	42	77	61	52	50	49	47	46
SHT 20	20 × 42	42	77	61	52	50	49	47	46
SHT 22	22 × 42	42	77	61	52	50	49	47	46
SHT 24	24 × 46	58	118	79	62	59	56	53	52
SHT 25	25 × 46	58	118	79	62	59	56	53	52
SHT 28	28 × 55	66	185	103	78	72	69	65	63
SHT 30	30 × 55	66	185	103	78	72	69	65	63
SHT 32	32 × 60	60	164	105	82	77	74	70	68
SHT 35	35 × 60	61	169	106	83	77	74	70	68
SHT 38	38 × 67	54	155	110	89	84	81	77	75
SHT 40	40 × 67	54	155	110	89	84	81	77	75
SHT 42	42 × 67	54	155	110	89	84	81	77	75
SHT 45	45 × 70	53	159	114	92	87	84	80	78
SHT 48	48 × 77	50	164	121	100	95	91	88	85
SHT 50	50 × 77	50	164	121	100	95	91	88	85
SHT 55	55 × 85	48	173	131	109	103	100	96	94
SHT 60	60 × 92	33	143	122	109	105	103	100	98
SHT 65	65 × 100	37	168	139	121	117	114	110	108
SHT 70	70 × 105	41	189	152	130	125	121	117	114
SHT 75	75 × 110	35	176	149	131	127	124	120	118
SHT 80	80 × 120	39	208	170	147	141	137	133	130
SHT 85	85 × 125	44	236	185	157	150	145	140	137
SHT 90	90 × 135	46	265	204	172	163	158	152	148
SHT 95	95 × 140	42	255	204	174	166	162	156	153
SHT 100	100 × 140	40	246	200	172	165	161	155	152
SHT 110	110 × 155	37	254	213	187	181	176	171	167
SHT 120	120 × 165	37	271	226	199	192	188	182	178
SHT 130	130 × 175	36	282	240	211	204	197	193	188
SHT 140	140 × 185	34	294	247	221	213	208	201	199
SHT 150	150 × 205	34	326	274	244	236	231	223	221
SHT 160	160 × 215	35	342	291	256	247	242	234	232

SH bushings

Dimensions and product range | Metric

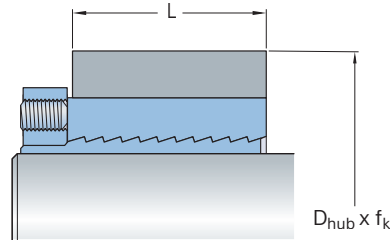


Dimensions						Locking screws		Tightening torque	Maximum torque	Maximum axial load	Designations	
d	D	D ₁	L	L ₁	B	No.	Size	M _t	M _v	P _{ax}	SMH Slotted	SMR Not slotted
mm						–	mm	Nm	Nm	kN	–	–
15	42	49	27	36	9.5	4	M6 × 12	8	135	18	SHT 15	SHR 15
16	42	49	27	36	9.5	4	M6 × 12	8	140	18	SHT 16	SHR 16
17	42	49	27	36	9.5	4	M6 × 12	8	150	18	SHT 17	SHR 17
18	42	49	27	36	9.5	4	M6 × 12	8	160	18	SHT 18	SHR 18
19 ¹⁾	42	49	27	36	9.5	4	M6 × 12	8	170	18	SHT 19	SHR 19
20	42	49	27	36	9.5	4	M6 × 12	8	180	18	SHT 20	SHR 20
22	42	49	27	36	9.5	4	M6 × 12	8	200	18	SHT 22	SHR 22
24	46	53	27	37	10.5	6	M6 × 12	8	325	27	SHT 24	SHR 24
25	46	53	27	37	10.5	6	M6 × 12	8	340	27	SHT 25	SHR 25
28	55	63	32	44	12.5	4	M8 × 16	18	490	35	SHT 28	SHR 28
30	55	63	32	44	12.5	4	M8 × 16	18	525	35	SHT 30	SHR 30
32	60	67	37	49	12.5	5	M8 × 16	18	650	41	SHT 32	SHR 32
35	60	67	37	49	12.5	5	M8 × 16	18	720	41	SHT 35	SHR 35
38	67	75	45	57	12.5	6	M8 × 16	16	950	50	SHT 38	SHR 38
40	67	75	45	57	12.5	6	M8 × 16	18	1000	50	SHT 40	SHR 40
42	67	75	45	57	12.5	6	M8 × 16	18	1050	50	SHT 42	SHR 42
45	70	77	50	63	13.5	7	M8 × 16	18	1280	57	SHT 45	SHR 45
48	77	83	55	68.8	14	8	M8 × 16	18	1560	65	SHT 48	SHR 48
50	77	83	55	68.5	14	8	M8 × 16	18	1625	65	SHT 50	SHR 50
55	85	90	60	73.5	14	9	M8 × 16	18	2040	75	SHT 55	SHR 55
60	92	98	65	79.5	15	6	M10 × 16	34	2 250	75	SHT 60	SHR 60
65	100	105	70	87	17	8	M10 × 20	34	3 250	100	SHT 65	SHR 65
70	105	110	75	92.5	17.5	10	M10 × 20	34	4 400	125	SHT 70	SHR 70
75	110	115	85	102	17	10	M10 × 20	34	4 750	125	SHT 75	SHR 75
80	120	126	90	111	21	8	M12 × 25	60	6 000	150	SHT 80	SHR 80
85	125	133	95	116.5	21.5	10	M12 × 25	60	8 000	186	SHT 85	SHR 85
90	135	141	100	123.5	23.5	12	M12 × 25	60	10 000	224	SHT 90	SHR 90
95	140	148	105	127.5	22.5	12	M12 × 25	60	10 600	224	SHT 95	SHR 95
100	140	148	110	132.5	22.5	12	M12 × 25	60	11 200	224	SHT 100	SHR 100
110	155	161	120	143	23	14	M12 × 25	60	13 400	244	SHT 110	SHR 110
120	165	171	130	155	25	16	M12 × 25	60	16 700	279	SHT 120	SHR 120
130	175	181	140	166	26	18	M12 × 25	60	20 400	314	SHT 130	SHR 130
140	185	191	155	181	26	20	M12 × 25	60	24 400	349	SHT 140	SHR 140
150	205	213	150	176.5	26.5	12	M16 × 30	140	28 000	373	SHT 150	SHR 150
160	215	223	160	189	29	14	M16 × 30	140	34 800	435	SHT 160	SHR 160

¹⁾ Also available with d = 3/4"

SH bushings

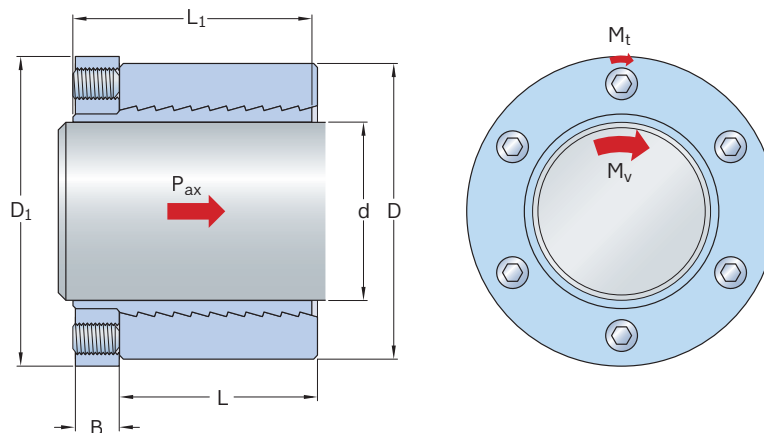
Technical data | Inch sizes



Designation	Dimensions d × D		Surface pressure against hub P _y	Required minimum hub diameter D _{hub} (inch)						
				Yield limit R _p 0.2 12 000	18 000	29 000	37 000	44 000	58 000	73 000
–	Inch		Psi	PSI				kN	Nm	N/mm ²
SHT 5/8	5/8	5/8 × 1 13/16	6 930	3.622	2.795	2.323	2.205	2.165	2.047	2.008
SHT 3/4	3/4	3/4 × 1 13/16	6 930	3.622	2.795	2.323	2.205	2.165	2.047	2.008
SHT 7/8	7/8	7/8 × 1 13/16	6 930	3.622	2.795	2.323	2.205	2.165	2.047	2.008
SHT 15/16	15/16	15/16 × 1 15/16	9 730	6.575	3.661	2.756	2.559	2.441	2.323	2.244
SHT 1	1	1 × 1 15/16	9 730	6.575	3.661	2.756	2.559	2.441	2.323	2.244
SHT 1 1/8	1 1/8	1 1/8 × 2 5/16	7 300	4.882	3.661	3.031	2.874	2.756	2.638	2.598
SHT 1 3/16	1 3/16	1 3/16 × 2 5/16	7 300	4.882	3.661	3.031	2.874	2.756	2.638	2.598
SHT 1 1/4	1 1/4	1 1/4 × 2 7/16	7 350	5.276	3.898	3.228	3.071	2.953	2.835	2.756
SHT 1 5/16	1 5/16	1 5/16 × 2 7/16	7 350	5.276	3.898	3.228	3.071	2.953	2.835	2.756
SHT 1 3/8	1 3/8	1 3/8 × 2 7/16	7 350	5.276	3.898	3.228	3.071	2.953	2.835	2.756
SHT 1 7/16	1 7/16	1 7/16 × 2 13/16	6 370	5.236	4.134	3.543	3.366	3.268	3.150	3.110
SHT 1 1/2	1 1/2	1 1/2 × 2 13/16	6 370	5.236	4.134	3.543	3.386	3.268	3.150	3.110
SHT 1 5/8	1 5/8	1 5/8 × 2 13/16	6 370	5.236	4.134	3.543	3.386	3.268	3.150	3.110
SHT 1 3/4	1 3/4	1 3/4 × 2 15/16	6 530	5.669	4.409	3.740	3.543	3.465	3.307	3.228
SHT 1 7/8	1 7/8	1 7/8 × 3 5/16	6 110	5.827	4.606	3.976	3.800	3.701	3.543	3.504
SHT 1 15/16	1 15/16	1 15/16 × 3 3/16	6 110	5.827	4.606	3.976	3.800	3.701	3.543	3.504
SHT 2	2	2 × 3 3/16	6 110	5.827	4.606	3.976	3.800	3.701	3.543	3.504
SHT 2 1/8	2 1/8	2 1/8 × 3 7/16	5 830	5.984	4.882	4.252	4.055	3.937	3.819	3.740
SHT 2 3/16	2 3/16	2 3/16 × 3 7/16	5 830	5.984	4.882	4.252	4.055	3.937	3.819	3.740
SHT 2 3/8	2 3/8	2 3/8 × 4 1/16	6 480	7.717	6.063	5.157	4.921	4.764	4.606	4.488
SHT 2 7/16	2 7/16	2 7/16 × 4 1/16	6 480	7.717	6.063	5.157	4.921	4.764	4.606	4.488
SHT 2 1/2	2 1/2	2 1/2 × 4 1/16	6 480	7.717	6.063	5.157	4.921	4.764	4.606	4.488
SHT 2 3/4	2 3/4	2 3/4 × 4 3/16	7 900	9.646	6.850	5.551	5.236	5.039	4.803	4.685
SHT 2 15/16	2 15/16	2 15/16 × 4 7/16	6 960	8.899	6.811	5.669	5.394	5.236	5.039	4.921
SHT 3	3	3 × 4 13/16	6 610	9.213	7.205	6.102	5.827	5.630	5.433	5.276
SHT 3 3/16	3 3/16	3 3/16 × 4 13/16	6 610	9.213	7.205	6.102	5.827	5.630	5.433	5.276
SHT 3 3/8	3 3/8	3 3/8 × 5 1/16	7 850	11.535	8.268	6.693	6.339	6.102	5.827	5.669
SHT 3 7/16	3 7/16	3 7/16 × 5 7/16	8 210	13.150	9.094	7.283	6.850	6.614	6.299	6.102
SHT 3 1/2	3 1/2	3 1/2 × 5 7/16	8 210	13.150	9.094	7.283	6.850	6.614	6.299	6.102
SHT 3 15/16	3 15/16	3 15/16 × 5 11/16	7 860	12.992	9.291	7.520	7.126	6.850	6.535	6.378
SHT 4	4	4 × 6 3/16	7 880	14.173	10.079	8.189	7.717	7.441	7.126	6.929
SHT 4 7/16	4 7/16	4 7/16 × 6 9/16	7 530	14.252	10.433	8.583	8.110	7.835	7.480	7.283
SHT 4 1/2	4 1/2	4 1/2 × 6 9/16	7 530	14.252	10.433	8.583	8.110	7.835	7.480	7.283
SHT 4 15/16	4 15/16	4 15/16 × 6 15/16	7 590	15.197	11.102	9.094	8.583	8.307	7.913	7.717
SHT 5	5	5 × 6 15/16	7 590	15.197	11.102	9.094	8.583	8.307	7.913	7.717
SHT 5 1/2	5 1/2	5 1/2 × 7 5/16	7 590	16.024	11.693	9.606	9.094	8.740	8.386	8.150
SHT 6	6	6 × 8 5/16	6 800	16.299	12.598	10.591	10.079	9.764	9.370	9.134

SH bushings

Dimensions and product range | Inch size



Dimensions						Locking screws		Tightening torque	Maximum torque	Maximum axial load	Designations	
d	D	D ₁	L	L ₁	B	No.	Size	M _t	M _v	P _{ax}	SMH Slotted	SMR Not slotted
inch						–	mm	lb/ft	lb/ft	lb	inch	inch
5/8	1 13/16	49	27	36,5	9,5	4	M6 x 12	5,9	105	4 040	5/8	5/8
3/4	1 13/16	49	27	36,5	9,5	4	M6 x 12	5,9	126	4 040	3/4	3/4
7/8	1 13/16	49	27	36,5	9,5	4	M6 x 12	5,9	147	4 040	7/8	7/8
15/16	1 15/16	53	27	37,5	10,5	6	M6 x 12	5,9	236	6 060	15/16	15/16
1	1 15/16	53	27	37,5	10,5	6	M6 x 12	5,9	252	6 060	1	1
1 1/8	2 5/16	63	32	44,5	12,5	4	M8 x 16	13,28	350	7 490	1 1/8	1 1/8
1 3/16	2 5/16	63	32	44,5	12,5	4	M8 x 16	13,28	370	7 490	1 3/16	1 3/16
1 1/4	2 7/16	67	37	49,5	12,5	5	M8 x 16	13,28	487	9 350	1 1/4	1 1/4
1 5/16	2 7/16	67	37	49,5	12,5	5	M8 x 16	13,28	511	9 360	1 5/16	1 5/16
1 3/8	2 7/16	67	37	49,5	12,5	5	M8 x 16	13,28	536	9 360	1 3/8	1 3/8
1 7/16	2 13/16	75	45	57,5	12,5	6	M8 x 16	13,28	673	11 230	1 7/16	1 7/16
1 1/2	2 13/16	75	45	57,5	12,5	6	M8 x 16	13,28	701	11 230	1 1/2	1 1/2
1 5/8	2 13/16	75	45	57,5	12,5	6	M8 x 16	13,28	760	11 230	1 5/8	1 5/8
1 3/4	2 15/16	77	50	63,5	13,5	7	M8 x 16	13,28	955	13 100	1 3/4	1 3/4
1 7/8	3 3/16	83	55	69	14	8	M8 x 16	13,28	1170	14 970	1 7/8	1 7/8
1 15/16	3 3/16	83	55	69	14	8	M8 x 16	13,28	1210	14 970	1 15/16	1 15/16
2	3 3/16	83	55	69	14	8	M8 x 16	13,28	1250	14 970	2	2
2 1/8	3 7/16	90	60	74	14	9	M8 x 16	13,28	1490	16 850	2 1/8	2 1/8
2 3/16	3 7/16	90	60	74	14	9	M8 x 16	13,28	1530	16 850	2 3/16	2 3/16
2 3/8	4 1/16	105	70	87	17	8	M10 x 20	25,08	2 235	22 590	2 3/8	2 3/8
2 7/16	4 1/16	105	70	87	17	8	M10 x 20	25,08	2 290	22 590	2 7/16	2 7/16
2 1/2	4 1/16	105	70	87	17	8	M10 x 20	25,08	2 350	22 590	2 1/2	2 1/2
2 3/4	4 3/16	110	70	87,5	17,5	10	M10 x 20	25,08	3 235	28 240	2 3/4	2 3/4
2 15/16	4 7/16	115	75	92	17	10	M10 x 20	25,08	3 455	28 240	2 15/16	2 15/16
3	4 13/16	126	75	96	21	8	M12 x 25	44,25	4 190	33 550	3	3
3 3/16	4 13/16	126	75	96	21	8	M12 x 25	44,25	4 450	33 550	3 3/16	3 3/16
3 3/8	5 1/16	133	75	96,5	21,5	10	M12 x 25	44,25	5 900	41 940	3 3/8	3 3/8
3 7/16	5 7/16	141	80	103,5	23,5	12	M12 x 30	44,25	7 210	50 300	3 7/16	3 7/16
3 1/2	5 7/16	141	80	103,5	23,5	12	M12 x 30	44,25	7 340	50 300	3 1/2	3 1/2
3 15/16	5 11/16	148	80	102,5	22,5	12	M12 x 30	44,25	8 250	50 300	3 15/16	3 15/16
4	6 3/16	161	80	103	23	14	M12 x 30	44,25	9 150	54 710	4	4
4 7/16	6 7/16	171	90	115	25	16	M12 x 30	44,25	11 600	62 750	4 7/16	4 7/16
4 1/2	6 7/16	171	90	115	25	16	M12 x 30	44,25	11 760	62 750	4 1/2	4 1/2
4 15/16	6 15/16	181	95	121	26	18	M12 x 30	44,25	14 500	70 600	4 15/16	4 15/16
5	6 15/16	181	95	121	26	18	M12 x 30	44,25	14 700	70 600	5	5
5 1/2	7 5/16	191	100	126	26	20	M12 x 30	44,25	18 000	78 400	5 1/2	5 1/2
6	8 5/16	218	105	131	26	12	M16 x 30	103,25	21 000	83 900	6	6



Sprockets

	Metric sprockets, simplex, pilot bore. 196		ANSI sprockets, double simplex, pilot bore. 256
	Metric sprockets, simplex, taper bushed 206		ANSI sprockets, double simplex, taper bushed 258
	Metric sprockets, double simplex, pilot bore. 212		ANSI sprockets, duplex, pilot bore. 259
	Metric sprockets, double simplex, taper bushed 214		ANSI sprockets, duplex, taper bushed 264
	Metric sprockets, duplex, pilot bore. 216		ANSI sprockets, triplex, pilot bore. 266
	Metric sprockets, duplex, taper bushed 221		
	Metric sprockets, triplex, pilot bore. 224		
	Metric sprockets, triplex, taper bushed 228		
	ANSI sprockets, simplex, pilot bore. 229		
	ANSI sprockets, simplex, taper bushed 252		

SKF Sprockets

SKF sprocket range nomenclature has a defined prefix of PHS. All sprockets are made to be applied to standardized chains. SKF sprockets conform to conventional basic chain part number format – ISO, BS, or DIN.

Sprockets

The sprocket range designation from SKF has the following is an example to indicate set up.

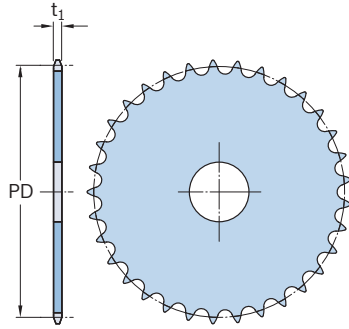
SKF Designation prefix	PHS	80-1	TBH	22
Chain size and type _____ Example: 80-1 – ANSI series chain, simplex type 16B-3 – ISO/BS series chain, triplex type				
Supplementary _____ Many different supplementary designations, examples A(H) – plate wheel with no boss (hardened) B(H) – Sprocket with boss on one side only (hardened) C(H) – bosses on both side (hardened) SP – sprocket to customer specifications SS – Sprocket made from stainless steel (SUS 304 by default) TB - hub machined for standard taper bush (H on hub side; F on plate side)				
Teeth _____ The number of teeth on the sprocket				

Non-standard and special design sprockets can be made on request, with special bore requirements (e.g. hexagonal, toleranced plain finish bore etc), or split-hub / segmented design, depending on the sprocket diameter
 Specific hardness values are available , but may be subject to MOQ's.

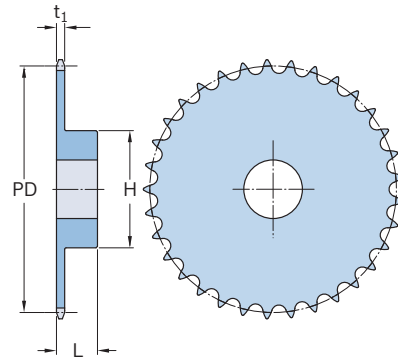
Sprockets (PHS Product Group)

All SKF sprockets are manufactured according to ISO606 & ASME B29.100 standard. The sprockets are made from steel material C-45 and premium carbon steel no. 20 on hub material if welded. For some special sprockets gray cast iron HT250 or cast iron 250 material is used.
 Sprockets 25T and below are hardened as standard (typically 35-40 HRC). This is only valid for sprocket teeth manufactured with steel material C-45. Surface treatment such as zinc plating can be offered upon request. 'A' plate wheels and chain pitches below 3/8" (9.525mm) are not hardened by default due to distortion.
 Tolerances are machined according to DIN 8196. Default bore and key width tolerances are H7 and JS9 respectively.
 All sprockets are completely deburred and protected with rust-proof oil or black oxide coated.

Metric sprockets, simplex, pilot bore
ISO 05B-1 · 8 mm pitch



Type A



Type B

Section	Number of teeth	Pitch diameter PD	Type	Dimensions		Hub	Plate thickness t ₁	Mass	Designation
				Bore stock	Bore				
				Min.	Max.	H	L		
mm	—	mm	—	mm	—	mm	mm	kg	—
8	8	20.90	A	6	—	—	—	0.01	PHS 05B-1A8
			B	—	6	6	13	0.02	PHS 05B-1BH8
9	9	23.39	A	6	—	—	—	0.01	PHS 05B-1A9
			B	—	6	6	15	0.02	PHS 05B-1BH9
10	10	25.89	A	8	—	—	—	0.01	PHS 05B-1A10
			B	—	8	8	17	0.02	PHS 05B-1BH10
11	11	28.39	A	8	—	—	—	0.01	PHS 05B-1A11
			B	—	8	8	18	0.03	PHS 05B-1BH11
12	12	30.91	A	8	—	—	—	0.01	PHS 05B-1A12
			B	—	8	8	20	0.03	PHS 05B-1BH12
13	13	33.42	A	8	—	—	—	0.01	PHS 05B-1A13
			B	—	8	8	23	0.05	PHS 05B-1BH13
14	14	35.95	A	8	—	—	—	0.02	PHS 05B-1A14
			B	—	8	10	25	0.05	PHS 05B-1BH14
15	15	38.48	A	8	—	—	—	0.02	PHS 05B-1A15
			B	—	8	12	28	0.07	PHS 05B-1BH15
16	16	41.01	A	8	—	—	—	0.02	PHS 05B-1A16
			B	—	8	14	30	0.08	PHS 05B-1BH16
17	17	43.53	A	8	—	—	—	0.03	PHS 05B-1A17
			B	—	8	14	30	0.09	PHS 05B-1BH17
18	18	46.07	A	8	—	—	—	0.03	PHS 05B-1A18
			B	—	8	14	30	0.09	PHS 05B-1BH18
19	19	48.61	A	8	—	—	—	0.03	PHS 05B-1A19
			B	—	8	14	30	0.10	PHS 05B-1BH19
20	20	51.14	A	8	—	—	—	0.04	PHS 05B-1A20
			B	—	8	14	30	0.10	PHS 05B-1BH20
21	21	53.67	A	8	—	—	—	0.04	PHS 05B-1A21
			B	—	8	19	35	0.13	PHS 05B-1BH21
22	22	56.21	A	8	—	—	—	0.05	PHS 05B-1A22
			B	—	8	19	35	0.13	PHS 05B-1BH22
23	23	58.75	A	8	—	—	—	0.05	PHS 05B-1A23
			B	—	8	19	35	0.13	PHS 05B-1BH23
24	24	61.29	A	8	—	—	—	0.06	PHS 05B-1A24
			B	—	8	19	35	0.15	PHS 05B-1BH24
25	25	63.83	A	8	—	—	—	0.06	PHS 05B-1A25
			B	—	8	19	35	0.15	PHS 05B-1BH25
26	26	66.37	A	10	—	—	—	0.07	PHS 05B-1A26
			B	—	10	23	40	0.17	PHS 05B-1B26
27	27	68.91	A	10	—	—	—	0.07	PHS 05B-1A27
			B	—	10	23	40	0.19	PHS 05B-1B27
28	28	71.45	A	10	—	—	—	0.08	PHS 05B-1A28
			B	—	10	23	40	0.20	PHS 05B-1B28
29	29	73.99	A	10	—	—	—	0.08	PHS 05B-1A29
			B	—	10	23	40	0.21	PHS 05B-1B29

Section	Number of teeth	Pitch diameter PD	Type	Dimensions		Hub	Plate thickness t ₁	Mass	Designation
				Bore stock	Bore				
				Min.	Max.	H	L		
mm	—	mm	—	mm	—	mm	mm	kg	—
8	30	76.53	A	10	—	—	—	0.09	PHS 05B-1A30
			B	—	10	23	40	0.22	PHS 05B-1B30
31	31	79.08	A	10	—	—	—	0.10	PHS 05B-1A31
			B	—	10	23	40	0.23	PHS 05B-1B31
32	32	81.61	A	10	—	—	—	0.11	PHS 05B-1A32
			B	—	10	23	40	0.23	PHS 05B-1B32
33	33	84.16	A	10	—	—	—	0.12	PHS 05B-1A33
			B	—	10	23	40	0.24	PHS 05B-1B33
34	34	86.70	A	10	—	—	—	0.12	PHS 05B-1A34
			B	—	10	23	40	0.25	PHS 05B-1B34
35	35	89.24	A	10	—	—	—	0.12	PHS 05B-1A35
			B	—	10	23	40	0.25	PHS 05B-1B35
36	36	91.79	A	10	—	—	—	0.13	PHS 05B-1A36
			B	—	10	23	40	0.26	PHS 05B-1B36
37	37	94.33	A	10	—	—	—	0.14	PHS 05B-1A37
			B	—	10	23	40	0.26	PHS 05B-1B37
38	38	96.88	A	10	—	—	—	0.15	PHS 05B-1A38
			B	—	10	23	40	0.27	PHS 05B-1B38
39	39	99.42	A	10	—	—	—	0.16	PHS 05B-1A39
			B	—	10	23	40	0.28	PHS 05B-1B39
40	40	101.97	A	10	—	—	—	0.16	PHS 05B-1A40
			B	—	10	23	40	0.28	PHS 05B-1B40
41	41	104.51	A	12	—	—	—	0.17	PHS 05B-1A41
			B	—	10	23	60	0.29	PHS 05B-1B41
42	42	107.05	A	12	—	—	—	0.18	PHS 05B-1A42
			B	—	10	23	60	0.30	PHS 05B-1B42
43	43	109.60	A	12	—	—	—	0.19	PHS 05B-1A43
			B	—	10	23	60	0.30	PHS 05B-1B43
44	44	112.14	A	12	—	—	—	0.20	PHS 05B-1A44
			B	—	10	23	60	0.31	PHS 05B-1B44
45	45	114.69	A	12	—	—	—	0.21	PHS 05B-1A45
			B	—	12	40	60	0.31	PHS 05B-1B45
46	46	117.23	A	12	—	—	—	0.21	PHS 05B-1A46
			B	—	12	40	60	0.32	PHS 05B-1B46
47	47	119.77	A	12	—	—	—	0.32	PHS 05B-1A47
			B	—	12	40	60	0.33	PHS 05B-1B47
48	48	122.32	A	12	—	—	—	0.34	PHS 05B-1A48
			B	—	12	40	60	0.33	PHS 05B-1B48
54	54	137.59	A	14	—	—	—	0.67	PHS 05B-1A54
			B	—	12	40	80	0.37	PHS 05B-1B54
57	57	145.22	A	14	—	—	—	1.47	PHS 05B-1A57
			B	—	14	55	80	0.39	PHS 05B-1B57
60	60	152.85	A	14	—	—	—	1.53	PHS 05B-1A60
			B	—	14	55	80	0.41	PHS 05B-1B60

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
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For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1AH8.

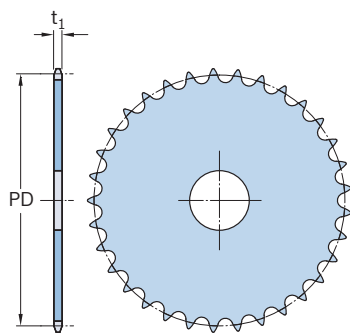
Metric sprockets, simplex, pilot bore
ISO 05B-1 · 8 mm pitch | ISO 06B-1 · 9.525 mm pitch

Section	Number of teeth	Pitch diameter	Type	Dimensions						Mass	Designation	Section	Number of teeth	Pitch diameter	Type	Dimensions						Mass	Designation												
				Bore stock	Bore		Hub	Plate thickness								Bore stock	Bore		Hub	Plate thickness															
					Min.	Max.		H	L								t ₁	Min.		Max.	H			L	t ₁										
mm	–	mm	–	mm						kg	–	mm	–	mm	–	mm						kg	–	mm	–	mm	–	mm						kg	–
8	64	163.04	A B	16 –	– 14	– 55	– 80	– 34	– 2.80	1.62 0.43	PHS 05B-1A64 PHS 05B-1B64	9.525	28	85.07	A B	10 –	– 12	– 40	– 60	– 28	– 5.31	0.23 0.70	PHS 06B-1A28 PHS 06B-1B28												
	70	178.31	A B	16 –	– 14	– 55	– 80	– 34	– 2.80	1.74 0.47	PHS 05B-1A70 PHS 05B-1B70		29	88.09	A B	10 –	– 12	– 40	– 60	– 28	– 5.31	0.23 0.72	PHS 06B-1A29 PHS 06B-1B29												
	72	183.41	A B	20 –	– 14	– 55	– 80	– 34	– 2.80	1.79 0.48	PHS 05B-1A72 PHS 05B-1B72		30	91.12	A B	10 –	– 12	– 40	– 60	– 28	– 5.31	0.25 0.77	PHS 06B-1A30 PHS 06B-1B30												
	76	193.59	A B	20 –	– 20	– 55	– 80	– 34	– 2.80	1.87 0.51	PHS 05B-1A76 PHS 05B-1B76		31	94.15	A B	12 –	– 14	– 43	– 65	– 30	– 5.31	0.26 0.88	PHS 06B-1A31 PHS 06B-1B31												
	80	203.77	A B	20 –	– 20	– 55	– 80	– 34	– 2.80	1.95 0.53	PHS 05B-1A80 PHS 05B-1B80		32	97.17	A B	12 –	– 14	– 43	– 65	– 30	– 5.31	0.28 0.90	PHS 06B-1A32 PHS 06B-1B32												
	84	213.95	A B	20 –	– 20	– 55	– 80	– 34	– 2.80	2.04 0.56	PHS 05B-1A84 PHS 05B-1B84		33	100.20	A B	12 –	– 14	– 43	– 65	– 30	– 5.31	0.30 0.91	PHS 06B-1A33 PHS 06B-1B33												
	90	229.23	A B	20 –	– 20	– 55	– 80	– 34	– 2.80	2.16 0.60	PHS 05B-1A90 PHS 05B-1B90		34	103.23	A B	12 –	– 14	– 43	– 65	– 30	– 5.31	0.32 0.94	PHS 06B-1A34 PHS 06B-1B34												
	95	241.96	A B	20 –	– 20	– 55	– 80	– 34	– 2.80	2.27 0.63	PHS 05B-1A95 PHS 05B-1B95		35	106.26	A B	12 –	– 14	– 43	– 65	– 30	– 5.31	0.34 0.95	PHS 06B-1A35 PHS 06B-1B35												
	96	244.50	A B	20 –	– 20	– 55	– 80	– 34	– 2.80	2.29 0.63	PHS 05B-1A96 PHS 05B-1B96		36	109.29	A B	12 –	– 14	– 48	– 70	– 30	– 5.31	0.35 1.07	PHS 06B-1A36 PHS 06B-1B36												
	114	290.33	A B	20 –	– 20	– 55	– 88	– 39	– 2.80	2.67 0.75	PHS 05B-1A114 PHS 05B-1B114		37	112.32	A B	12 –	– 14	– 48	– 70	– 30	– 5.31	0.38 1.09	PHS 06B-1A37 PHS 06B-1B37												
9.525	8	24.89	A B	6 –	– 6	– 6	– 15+	– 20	– 5.31	0.02 0.03	PHS 06B-1A8 PHS 06B-1B8	38	115.35	A B	12 –	– 14	– 48	– 70	– 30	– 5.31	0.39 1.10	PHS 06B-1A38 PHS 06B-1B38													
	9	27.85	A B	8 –	– 8	– 8	– 18+	– 20	– 5.31	0.02 0.04	PHS 06B-1A9 PHS 06B-1B9	39	118.37	A B	12 –	– 14	– 48	– 70	– 30	– 5.31	0.42 1.12	PHS 06B-1A39 PHS 06B-1B39													
10	30.82	A B	8 –	– 8	– 8	– 20	– 20	– 5.31	0.02 0.06	PHS 06B-1A10 PHS 06B-1B10	40	121.40	A B	12 –	– 14	– 48	– 70	– 30	– 5.31	0.44 1.16	PHS 06B-1A40 PHS 06B-1B40														
11	33.80	A B	8 –	– 8	– 8	– 22	– 25	– 5.31	0.03 0.08	PHS 06B-1A11 PHS 06B-1B11	41	124.43	A B	16 –	– 14	– 48	– 78	– 32	– 5.31	0.46 1.28	PHS 06B-1A41 PHS 06B-1B41														
12	36.80	A B	8 –	– 8	– 10	– 25	– 25	– 5.31	0.04 0.10	PHS 06B-1A12 PHS 06B-1B12	42	127.46	A B	16 –	– 14	– 48	– 78	– 32	– 5.31	0.48 1.36	PHS 06B-1A42 PHS 06B-1B42														
13	39.79	A B	8 –	– 10	– 12	– 28	– 25	– 5.31	0.05 0.12	PHS 06B-1A13 PHS 06B-1B13	43	130.49	A B	16 –	– 14	– 48	– 78	– 32	– 5.31	0.51 1.44	PHS 06B-1A43 PHS 06B-1B43														
14	42.80	A B	8 –	– 10	– 15	– 31	– 25	– 5.31	0.05 0.15	PHS 06B-1A14 PHS 06B-1B14	44	133.52	A B	16 –	– 14	– 48	– 78	– 32	– 5.31	0.54 1.52	PHS 06B-1A44 PHS 06B-1B44														
15	45.81	A B	8 –	– 10	– 18	– 34	– 25	– 5.31	0.06 0.19	PHS 06B-1A15 PHS 06B-1B15	45	136.55	A B	16 –	– 14	– 40	– 78	– 32	– 5.31	0.56 1.40	PHS 06B-1A45 PHS 06B-1B45														
16	48.82	A B	10 –	– 10	– 20	– 37	– 28	– 5.31	0.07 0.24	PHS 06B-1A16 PHS 06B-1B16	46	139.58	A B	16 –	– 14	– 48	– 78	– 32	– 5.31	0.59 1.68	PHS 06B-1A46 PHS 06B-1B46														
17	51.83	A B	10 –	– 10	– 23	– 40	– 28	– 5.31	0.07 0.29	PHS 06B-1A17 PHS 06B-1B17	47	142.61	A B	16 –	– 14	– 48	– 78	– 32	– 5.31	0.61 1.76	PHS 06B-1A47 PHS 06B-1B47														
18	54.85	A B	10 –	– 10	– 26	– 43	– 28	– 5.31	0.08 0.33	PHS 06B-1A18 PHS 06B-1B18	48	145.64	A B	16 –	– 14	– 48	– 78	– 32	– 5.31	0.63 1.84	PHS 06B-1A48 PHS 06B-1B48														
19	57.87	A B	10 –	– 10	– 28	– 45	– 28	– 5.31	0.09 0.37	PHS 06B-1A19 PHS 06B-1B19	50	151.69	A B	16 –	– 14	– 48	– 78	– 32	– 5.31	0.65 2.06	PHS 06B-1A50 PHS 06B-1B50														
20	60.89	A B	10 –	– 10	– 28	– 46	– 28	– 5.31	0.10 0.39	PHS 06B-1A20 PHS 06B-1B20	54	163.82	A B	16 –	– 14	– 48	– 78	– 32	– 5.31	0.68 2.32	PHS 06B-1A54 PHS 06B-1B54														
21	63.91	A B	10 –	– 12	– 30	– 48	– 28	– 5.31	0.11 0.42	PHS 06B-1A21 PHS 06B-1B21	57	172.91	A B	16 –	– 14	– 40	– 78	– 32	– 5.31	1.71 1.70	PHS 06B-1A57 PHS 06B-1B57														
22	66.93	A B	10 –	– 12	– 35	– 50	– 28	– 5.31	0.13 0.46	PHS 06B-1A22 PHS 06B-1B22	60	182.00	A B	16 –	– 14	– 48	– 78	– 32	– 5.31	0.91 2.80	PHS 06B-1A60 PHS 06B-1B60														
23	69.95	A B	10 –	– 12	– 35	– 52	– 28	– 5.31	0.14 0.50	PHS 06B-1A23 PHS 06B-1B23	64	194.12	A B	20 –	– 14	– 48	– 78	– 32	– 5.31	0.97 3.12	PHS 06B-1A64 PHS 06B-1B64														
24	72.97	A B	10 –	– 12	– 35	– 54	– 28	– 5.31	0.15 0.54	PHS 06B-1A24 PHS 06B-1B24	65	197.15	A B	20 –	– 14	– 48	– 78	– 32	– 5.31	1.01 3.31	PHS 06B-1A65 PHS 06B-1B65														
25	76.00	A B	10 –	– 12	– 40	– 57	– 28	– 5.31	0.17 0.60	PHS 06B-1A25 PHS 06B-1B25	70	212.30	A B	20 –	– 14	– 48	– 78	– 32	– 5.31	1.06 3.60	PHS 06B-1A70 PHS 06B-1B70														
26	79.02	A B	10 –	– 12	– 40	– 60	– 28	– 5.31	0.18 0.67	PHS 06B-1A26 PHS 06B-1B26	72	218.37	A B	20 –	– 14	– 48	– 78	– 32	– 5.31	1.09 3.76	PHS 06B-1A72 PHS 06B-1B72														
27	82.05	A B	10 –	– 12	– 40	– 60	– 28	– 5.31	0.19 0.68	PHS 06B-1A27 PHS 06B-1B27	76	230.49	A B	20 –	– 14	– 48	– 78	– 32	– 5.31	1.64 2.79	PHS 06B-1A76 PHS 06B-1B76														

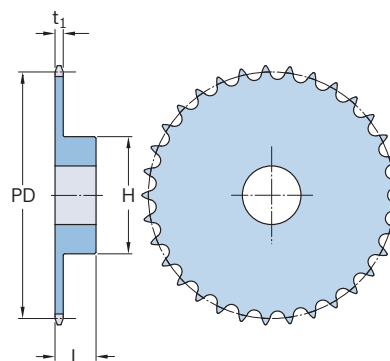
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For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1AH8.

Metric sprockets, simplex, pilot bore

ISO 06B-1 · 9.525 mm pitch | ISO 08B-1 · 12.70 mm pitch



Type A



Type B

Section	Number of teeth	Pitch diameter	Type	Dimensions		Hub	Plate thickness	Mass	Designation
				Bore	Bore				
				Min.	Max.				
mm	—	mm	—	mm	mm	H	L	kg	—
9.525	80	242.61	A	20	—	—	—	1.53	PHS 06B-1A80
			B	—	14	52	78	4.40	PHS 06B-1B80
	84	254.74	A	20	—	—	—	1.60	PHS 06B-1A84
			B	—	14	52	80	4.72	PHS 06B-1B84
	85	257.77	A	20	—	—	—	1.66	PHS 06B-1A85
			B	—	14	52	80	4.93	PHS 06B-1B85
	90	272.93	A	20	—	—	—	1.72	PHS 06B-1A90
			B	—	14	55	80	5.20	PHS 06B-1B90
	92	278.99	A	20	—	—	—	2.16	PHS 06B-1A92
			B	—	14	55	80	5.45	PHS 06B-1B92
	95	288.08	A	20	—	—	—	2.60	PHS 06B-1A95
			B	—	14	55	80	3.95	PHS 06B-1B95
	96	291.11	A	20	—	—	—	2.20	PHS 06B-1A96
			B	—	14	55	80	5.68	PHS 06B-1B96
	114	345.68	A	20	—	—	—	3.13	PHS 06B-1A114
			B	—	14	55	80	7.12	PHS 06B-1B114
	12.708	33.18	A	8	—	—	—	0.03	PHS 08B-1A8
			B	—	10	10	20	0.06	PHS 08B-1B8
	9	37.13	A	8	—	—	—	0.04	PHS 08B-1A9
			B	—	10	10	24	0.09	PHS 08B-1B9
	10	41.10	A	8	—	—	—	0.06	PHS 08B-1A10
			B	—	10	11	26	0.12	PHS 08B-1B10
	11	45.07	A	10	—	—	—	0.07	PHS 08B-1A11
			B	—	10	13	29	0.15	PHS 08B-1B11
	12	49.07	A	10	—	—	—	0.09	PHS 08B-1A12
			B	—	10	17	33	0.21	PHS 08B-1B12
	13	53.06	A	10	—	—	—	0.10	PHS 08B-1A13
			B	—	10	20	37	0.27	PHS 08B-1B13
	14	57.07	A	10	—	—	—	0.12	PHS 08B-1A14
			B	—	10	24	41	0.33	PHS 08B-1B14
	15	61.09	A	10	—	—	—	0.13	PHS 08B-1A15
			B	—	10	28	45	0.39	PHS 08B-1B15
	16	65.10	A	10	—	—	—	0.16	PHS 08B-1A16
			B	—	12	30	50	0.46	PHS 08B-1B16
	17	69.11	A	10	—	—	—	0.18	PHS 08B-1A17
			B	—	12	30	52	0.51	PHS 08B-1B17
	18	73.14	A	10	—	—	—	0.20	PHS 08B-1A18
			B	—	12	35	56	0.59	PHS 08B-1B18
	19	77.16	A	10	—	—	—	0.23	PHS 08B-1A19
			B	—	12	40	60	0.67	PHS 08B-1B19
	20	81.19	A	10	—	—	—	0.25	PHS 08B-1A20
			B	—	12	40	64	0.77	PHS 08B-1B20
	21	85.22	A	12	—	—	—	0.26	PHS 08B-1A21
			B	—	12	40	68	0.85	PHS 08B-1B21

Section	Number of teeth	Pitch diameter	Type	Dimensions		Hub	Plate thickness	Mass	Designation
				Bore	Bore				
				Min.	Max.				
mm	—	mm	—	mm	mm	H	L	kg	—
12.70	22	89.24	A	12	—	—	—	0.30	PHS 08B-1A22
			B	—	12	40	70	0.92	PHS 08B-1B22
	23	93.27	A	12	—	—	—	0.34	PHS 08B-1A23
			B	—	14	40	70	0.95	PHS 08B-1B23
	24	97.29	A	12	—	—	—	0.37	PHS 08B-1A24
			B	—	14	40	70	0.98	PHS 08B-1B24
	25	101.33	A	12	—	—	—	0.41	PHS 08B-1A25
			B	—	14	40	70	1.01	PHS 08B-1B25
	26	105.36	A	16	—	—	—	0.44	PHS 08B-1A26
			B	—	16	46	70	1.09	PHS 08B-1B26
	27	109.40	A	16	—	—	—	0.48	PHS 08B-1A27
			B	—	16	46	70	1.13	PHS 08B-1B27
	28	113.42	A	16	—	—	—	0.51	PHS 08B-1A28
			B	—	16	46	70	1.17	PHS 08B-1B28
	29	117.46	A	16	—	—	—	0.55	PHS 08B-1A29
			B	—	16	46	80	1.41	PHS 08B-1B29
	30	121.50	A	16	—	—	—	0.59	PHS 08B-1A30
			B	—	16	46	80	1.46	PHS 08B-1B30
	31	125.54	A	16	—	—	—	0.63	PHS 08B-1A31
			B	—	16	46	90	1.75	PHS 08B-1B31
	32	129.56	A	16	—	—	—	0.68	PHS 08B-1A32
			B	—	16	46	90	1.79	PHS 08B-1B32
	33	133.60	A	16	—	—	—	0.72	PHS 08B-1A33
			B	—	16	46	90	1.83	PHS 08B-1B33
	34	137.64	A	16	—	—	—	0.78	PHS 08B-1A34
			B	—	16	46	90	1.87	PHS 08B-1B34
	35	141.68	A	16	—	—	—	0.81	PHS 08B-1A35
			B	—	16	46	90	1.94	PHS 08B-1B35
	36	145.72	A	16	—	—	—	0.87	PHS 08B-1A36
			B	—	16	50	90	2.21	PHS 08B-1B36
	37	149.76	A	16	—	—	—	0.92	PHS 08B-1A37
			B	—	16	50	90	2.24	PHS 08B-1B37
	38	153.80	A	16	—	—	—	0.97	PHS 08B-1A38
			B	—	16	50	90	2.33	PHS 08B-1B38
	39	157.83	A	16	—	—	—	1.02	PHS 08B-1A39
			B	—	16	50	90	2.30	PHS 08B-1B39
	40	161.87	A	16	—	—	—	1.08	PHS 08B-1A40
			B	—	16	50	90	2.44	PHS 08B-1B40
	41	165.91	A	20	—	—	—	1.10	PHS 08B-1A41
			B	—	16	50	90	2.41	PHS 08B-1B41
	42	169.95	A	20	—	—	—	1.00	PHS 08B-1A42
			B	—	16	60	90	2.38	PHS 08B-1B42
	43	173.99	A	20	—	—	—	1.24	PHS 08B-1A43
			B	—	16	50	90	2.35	PHS 08B-1B43

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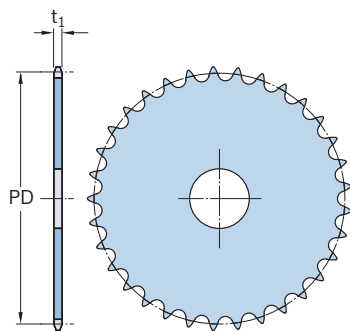
Metric sprockets, simplex, pilot bore
ISO 08B-1 · 12.70 mm pitch | ISO 10B-1 · 15.88 mm pitch

Section	Number of teeth	Pitch diameter	Type	Dimensions		Hub	Plate thickness	Mass	Designation	Section	Number of teeth	Pitch diameter	Type	Dimensions		Hub	Plate thickness	Mass	Designation
				Bore stock	Bore									Bore stock	Bore				
				Min.	Max.	H	L							Min.	Max.	H	L		
mm	–	mm	–	mm			t ₁	kg	–	mm	–	mm	–	mm			t ₁	kg	–
12.70	44	178.03	A	20	–	–	–	1.28	PHS 08B-1A44	15.88	18	91.42	A	12	–	–	–	0.41	PHS 10B-1A18
			B	–	16	50	90	2.32	PHS 08B-1B44				B	–	14	50	70	1.02	PHS 10B-1BH18
	45	182.07	A	20	–	–	–	1.00	PHS 08B-1A45		19	96.45	A	12	–	–	–	0.46	PHS 10B-1A19
			B	–	16	50	90	2.30	PHS 08B-1B45				B	–	14	50	70	1.06	PHS 10B-1BH19
	46	186.10	A	20	–	–	–	1.43	PHS 08B-1A46		20	101.49	A	12	–	–	–	0.52	PHS 10B-1A20
			B	–	16	50	90	2.45	PHS 08B-1B46				B	–	14	50	75	1.22	PHS 10B-1BH20
	47	190.14	A	20	–	–	–	1.50	PHS 08B-1A47		21	106.52	A	12	–	–	–	0.57	PHS 10B-1A21
			B	–	16	50	90	2.60	PHS 08B-1B47				B	–	16	50	75	1.26	PHS 10B-1BH21
	48	194.18	A	20	–	–	–	1.57	PHS 08B-1A48		22	111.55	A	12	–	–	–	0.62	PHS 10B-1A22
			B	–	16	64	90	2.85	PHS 08B-1B48				B	–	16	50	80	1.42	PHS 10B-1BH22
	50	208.30	A	20	–	–	–	1.81	PHS 08B-1A50		23	116.58	A	12	–	–	–	0.67	PHS 10B-1A23
			B	–	16	64	90	2.92	PHS 08B-1B50				B	–	16	50	80	1.47	PHS 10B-1BH23
	54	218.43	A	20	–	–	–	2.00	PHS 08B-1A54		24	121.62	A	12	–	–	–	0.74	PHS 10B-1A24
			B	–	16	64	90	3.00	PHS 08B-1B54				B	–	16	50	80	1.55	PHS 10B-1BH24
	57	230.54	A	20	–	–	–	2.22	PHS 08B-1A57		25	126.66	A	12	–	–	–	0.81	PHS 10B-1A25
			B	–	16	50	90	3.13	PHS 08B-1B57				B	–	16	50	80	1.62	PHS 10B-1BH25
	60	242.66	A	20	–	–	–	2.50	PHS 08B-1A60		26	131.70	A	16	–	–	–	0.88	PHS 10B-1A26
			B	–	16	64	90	3.30	PHS 08B-1B60				B	–	20	55	85	2.00	PHS 10B-1B26
	64	258.82	A	25	–	–	–	2.87	PHS 08B-1A64		27	136.75	A	16	–	–	–	0.96	PHS 10B-1A27
			B	–	16	64	90	3.60	PHS 08B-1B64				B	–	20	55	85	2.05	PHS 10B-1B27
	70	283.07	A	25	–	–	–	3.43	PHS 08B-1A70		28	141.78	A	16	–	–	–	1.02	PHS 10B-1A28
			B	–	16	64	90	3.80	PHS 08B-1B70				B	–	20	55	90	2.27	PHS 10B-1B28
	72	291.16	A	25	–	–	–	3.62	PHS 08B-1A72		29	146.83	A	16	–	–	–	1.09	PHS 10B-1A29
			B	–	16	64	90	4.00	PHS 08B-1B72				B	–	20	55	90	2.35	PHS 10B-1B29
	76	307.33	A	25	–	–	–	3.99	PHS 08B-1A76		30	151.87	A	16	–	–	–	1.20	PHS 10B-1A30
			B	–	16	50	90	4.12	PHS 08B-1B76				B	–	20	58	90	2.42	PHS 10B-1B30
	80	323.48	A	25	–	–	–	4.46	PHS 08B-1A80		31	156.92	A	16	–	–	–	1.28	PHS 10B-1A31
			B	–	16	64	90	5.00	PHS 08B-1B80				B	–	20	58	95	2.66	PHS 10B-1B31
	84	339.65	A	25	–	–	–	4.93	PHS 08B-1A84		32	161.95	A	16	–	–	–	1.38	PHS 10B-1A32
			B	–	16	64	90	6.12	PHS 08B-1B84				B	–	20	58	95	2.74	PHS 10B-1B32
	85	343.69	A	25	–	–	–	5.05	PHS 08B-1A85		33	167.00	A	16	–	–	–	1.46	PHS 10B-1A33
			B	–	16	64	90	6.32	PHS 08B-1B85				B	–	20	58	95	2.80	PHS 10B-1B33
	92	371.99	A	25	–	–	–	5.88	PHS 08B-1A92		34	172.05	A	16	–	–	–	1.55	PHS 10B-1A34
			B	–	16	64	90	6.92	PHS 08B-1B92				B	–	20	58	95	2.90	PHS 10B-1B34
	95	384.11	A	25	–	–	–	6.23	PHS 08B-1A95		35	177.10	A	16	–	–	–	1.63	PHS 10B-1A35
			B	–	16	55	90	7.38	PHS 08B-1B95				B	–	20	58	95	3.03	PHS 10B-1B35
	96	388.15	A	25	–	–	–	6.35	PHS 08B-1A96		36	182.15	A	20	–	–	–	2.00	PHS 10B-1A36
			B	–	16	64	90	8.00	PHS 08B-1B96				B	–	20	63	100	3.27	PHS 10B-1B36
	114	460.90	A	25	–	–	–	8.47	PHS 08B-1A114		37	187.20	A	20	–	–	–	1.85	PHS 10B-1A37
			B	–	16	64	90	9.50	PHS 08B-1B114				B	–	20	63	100	3.39	PHS 10B-1B37
15.88	8	41.48	A	10	–	–	–	0.07	PHS 10B-1A8	15.88	38	192.24	A	20	–	–	–	1.93	PHS 10B-1A38
			B	–	10	11	25	0.12	PHS 10B-1BH8				B	–	20	63	100	3.49	PHS 10B-1B38
	9	46.42	A	10	–	–	–	0.10	PHS 10B-1A9		39	197.29	A	20	–	–	–	2.05	PHS 10B-1A39
			B	–	10	15	30	0.17	PHS 10B-1BH9				B	–	20	63	100	3.58	PHS 10B-1B39
	10	51.37	A	10	–	–	–	0.12	PHS 10B-1A10		40	202.34	A	20	–	–	–	2.15	PHS 10B-1A40
			B	–	10	18	35	0.23	PHS 10B-1BH10				B	–	20	63	100	3.69	PHS 10B-1B40
	11	56.34	A	10	–	–	–	0.15	PHS 10B-1A11		41	207.39	A	20	–	–	–	2.25	PHS 10B-1A41
			B	–	12	21	37	0.30	PHS 10B-1BH11				B	–	20	57	100	3.78	PHS 10B-1B41
	12	61.34	A	10	–	–	–	0.18	PHS 10B-1A12		42	212.44	A	20	–	–	–	2.38	PHS 10B-1A42
			B	–	12	25	42	0.38	PHS 10B-1BH12				B	–	20	57	100	3.87	PHS 10B-1B42
	13	66.32	A	10	–	–	–	0.21	PHS 10B-1A13		43	217.49	A	20	–	–	–	2.49	PHS 10B-1A43
			B	–	12	28	47	0.47	PHS 10B-1BH13				B	–	20	57	100	3.96	PHS 10B-1B43
	14	71.34	A	10	–	–	–	0.24	PHS 10B-1A14		44	222.53	A	20	–	–	–	2.61	PHS 10B-1A44
			B	–	12	32	52	0.57	PHS 10B-1BH14				B	–	20	57	100	4.05	PHS 10B-1B44
	15	76.36	A	10	–	–	–	0.28	PHS 10B-1A15		45	227.58	A	20	–	–	–	2.74	PHS 10B-1A45
			B	–	12	35	57	0.69	PHS 10B-1BH15				B	–	20	55	100	4.18	PHS 10B-1B45
	16	81.37	A	12	–	–	–	0.31	PHS 10B-1A16		46	232.63	A	20	–	–	–	2.87	PHS 10B-1A46
			B	–	12	40	60	0.77	PHS 10B-1BH16				B	–	20	64	100	4.34	PHS 10B-1B46
	17	86.39	A	12	–	–	–	0.36	PHS 10B-1A17		47	237.68	A	20	–	–	–	2.99	PHS 10B-1A47
			B	–	12	40	60	0.82	PHS 10B-1BH17				B	–	20	64	100	4.50	PHS 10B-1B47

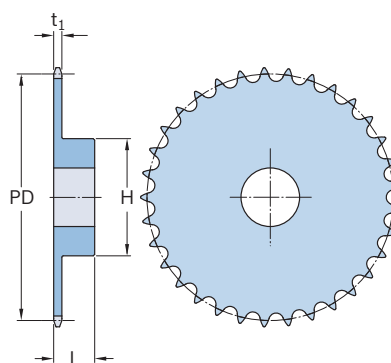
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1AH8.

Metric sprockets, simplex, pilot bore

ISO 10B-1 · 15.88 mm pitch | ISO 12B-1 · 19.05 mm pitch



Type A



Type B

Section	Number of teeth	Pitch diameter	Type	Dimensions						Mass	Designation
				Bore stock	Bore		Hub		Plate thickness t ₁		
					Min.	Max.	H	L			
mm	—	mm	—	mm						kg	—
15.88	48	242.73	A	20	—	—	—	—	—	3.13	PHS 10B-1B48
			B	—	20	64	100	40	4.66	PHS 10B-1B48	
	49	247.78	A	20	—	—	—	—	—	3.28	PHS 10B-1A49
			B	—	20	64	100	40	4.82	PHS 10B-1B49	
	50	252.82	A	20	—	—	—	—	—	3.43	PHS 10B-1A50
			B	—	20	64	100	40	4.98	PHS 10B-1B50	
	51	257.87	A	20	—	—	—	—	—	3.57	PHS 10B-1A51
			B	—	20	64	100	40	5.14	PHS 10B-1B51	
	52	262.92	A	20	—	—	—	—	—	3.72	PHS 10B-1A52
			B	—	20	64	100	40	5.30	PHS 10B-1B52	
	53	267.97	A	20	—	—	—	—	—	3.87	PHS 10B-1A53
			B	—	20	64	100	40	5.46	PHS 10B-1B53	
	54	273.03	A	20	—	—	—	—	—	4.02	PHS 10B-1A54
			B	—	20	64	100	40	5.62	PHS 10B-1B54	
	55	278.08	A	20	—	—	—	—	—	4.16	PHS 10B-1A55
			B	—	20	64	100	40	5.78	PHS 10B-1B55	
	56	283.13	A	25	—	—	—	—	—	4.31	PHS 10B-1A56
			B	—	20	64	100	40	5.94	PHS 10B-1B56	
	57	288.18	A	25	—	—	—	—	—	4.46	PHS 10B-1A57
			B	—	20	55	100	40	6.00	PHS 10B-1B57	
58	293.23	A	25	—	—	—	—	—	4.64	PHS 10B-1A58	
		B	—	20	64	100	43	6.44	PHS 10B-1B58		
59	298.27	A	25	—	—	—	—	—	4.83	PHS 10B-1A59	
		B	—	20	64	100	43	6.88	PHS 10B-1B59		
60	303.32	A	25	—	—	—	—	—	5.01	PHS 10B-1A60	
		B	—	20	64	100	43	7.32	PHS 10B-1B60		
65	328.58	A	25	—	—	—	—	—	5.92	PHS 10B-1A65	
		B	—	20	64	100	43	7.48	PHS 10B-1B65		
70	353.84	A	25	—	—	—	—	—	6.83	PHS 10B-1A70	
		B	—	20	64	100	43	7.76	PHS 10B-1B70		
72	363.95	A	25	—	—	—	—	—	7.20	PHS 10B-1A72	
		B	—	20	64	100	43	8.20	PHS 10B-1B72		
76	384.16	A	25	—	—	—	—	—	7.93	PHS 10B-1A76	
		B	—	20	60	100	43	8.68	PHS 10B-1B76		
80	404.35	A	25	—	—	—	—	—	8.89	PHS 10B-1A80	
		B	—	20	70	100	43	10.20	PHS 10B-1B80		
84	424.57	A	30	—	—	—	—	—	9.85	PHS 10B-1A84	
		B	—	20	70	100	50	11.72	PHS 10B-1B84		
85	429.62	A	30	—	—	—	—	—	10.09	PHS 10B-1A85	
		B	—	20	70	100	50	12.12	PHS 10B-1B85		
92	464.98	A	30	—	—	—	—	—	11.76	PHS 10B-1A92	
		B	—	20	70	100	50	12.91	PHS 10B-1B92		
95	480.14	A	30	—	—	—	—	—	12.48	PHS 10B-1A95	
		B	—	20	60	100	50	13.24	PHS 10B-1B95		

Section	Number of teeth	Pitch diameter	Type	Dimensions						Mass	Designation
				Bore stock	Bore		Hub		Plate thickness t ₁		
					Min.	Max.	H	L			
mm	—	mm	—	mm						kg	—
15.88	96	485.19	A	30	—	—	—	—	—	12.72	PHS 10B-1A96
			B	—	20	70	100	50	9.17	14.00	PHS 10B-1B96
	112	566.03	A	30	—	—	—	—	—	16.55	PHS 10B-1A112
			B	—	20	70	100	50	9.17	15.55	PHS 10B-1B112
114	576.13	A	30	—	—	—	—	—	17.03	PHS 10B-1A114	
		B	—	20	70	100	50	9.17	16.25	PHS 10B-1B114	
120	606.45	A	30	—	—	—	—	—	18.50	PHS 10B-1A120	
		B	—	20	70	100	50	9.17	18.25	PHS 10B-1B120	
19.05	8	49.78	A	12	—	—	—	—	—	0.13	PHS 12B-1A8
			B	—	12	16	31	30	11.10	0.22	PHS 12B-1B8
	9	55.70	A	12	—	—	—	—	—	0.16	PHS 12B-1A9
			B	—	12	20	37	30	11.10	0.31	PHS 12B-1B9
	10	61.64	A	12	—	—	—	—	—	0.21	PHS 12B-1A10
			B	—	12	23	42	30	11.10	0.39	PHS 12B-1B10
	11	67.61	A	14	—	—	—	—	—	0.25	PHS 12B-1A11
			B	—	14	28	46	35	11.10	0.54	PHS 12B-1B11
	12	73.61	A	14	—	—	—	—	—	0.30	PHS 12B-1A12
			B	—	14	32	52	35	11.10	0.68	PHS 12B-1B12
	13	79.59	A	14	—	—	—	—	—	0.37	PHS 12B-1A13
			B	—	14	36	58	35	11.10	0.84	PHS 12B-1B13
	14	85.61	A	14	—	—	—	—	—	0.43	PHS 12B-1A14
			B	—	14	40	64	35	11.10	1.01	PHS 12B-1B14
	15	91.63	A	14	—	—	—	—	—	0.50	PHS 12B-1A15
			B	—	14	44	70	35	11.10	1.19	PHS 12B-1B15
	16	97.65	A	14	—	—	—	—	—	0.56	PHS 12B-1A16
			B	—	16	48	75	35	11.10	1.36	PHS 12B-1B16
	17	103.67	A	14	—	—	—	—	—	0.65	PHS 12B-1A17
			B	—	16	55	80	35	11.10	1.56	PHS 12B-1B17
18	109.71	A	14	—	—	—	—	—	0.73	PHS 12B-1A18	
		B	—	16	55	80	35	11.10	1.73	PHS 12B-1B18	
19	115.75	A	14	—	—	—	—	—	0.82	PHS 12B-1A19	
		B	—	16	55	80	35	11.10	1.73	PHS 12B-1B19	
20	121.78	A	14	—	—	—	—	—	0.90	PHS 12B-1A20	
		B	—	16	55	80	35	11.10	1.83	PHS 12B-1B20	
21	127.82	A	16	—	—	—	—	—	0.99	PHS 12B-1A21	
		B	—	20	55	90	40	11.10	2.37	PHS 12B-1B21	
22	133.86	A	16	—	—	—	—	—	1.08	PHS 12B-1A22	
		B	—	20	55	90	40	11.10	2.48	PHS 12B-1B22	
23	139.90	A	16	—	—	—	—	—	1.21	PHS 12B-1A23	
		B	—	20	55	90	40	11.10	2.58	PHS 12B-1B23	
24	145.94	A	16	—	—	—	—	—	1.33	PHS 12B-1A24	
		B	—	20	55	90	40	11.10	2.70	PHS 12B-1B24	
25	152.00	A	16	—	—	—	—	—	1.43	PHS 12B-1A25	
		B	—	20	55	90	40	11.10	2.81	PHS 12B-1B25	

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
 All Type B or C sprockets, up to and including 25 teeth, are with hardened teeth as standard.
 For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1AH8.

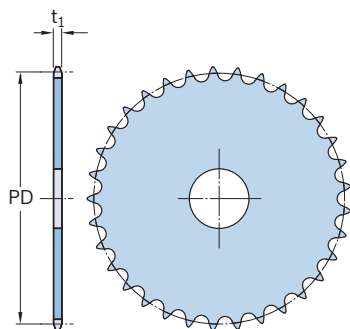
Metric sprockets, simplex, pilot bore
ISO 12B-1 · 19.05 mm pitch | ISO 16B-1 · 25.40 mm pitch

Section	Number of teeth	Pitch diameter PD	Type	Dimensions		Hub		Plate thickness t ₁	Mass kg	Designation
				Bore	Bore stock	H	L			
				Min.	Max.					
mm	–	mm	–	mm						–
19.05	26	158.04	A	16	–	–	–	–	1.57	PHS 12B-1A26
			B	–	20	58	95	40	3.11	PHS 12B-1B26
	27	164.09	A	16	–	–	–	–	1.69	PHS 12B-1A27
			B	–	20	58	95	40	3.24	PHS 12B-1B27
	28	170.13	A	16	–	–	–	–	1.83	PHS 12B-1A28
			B	–	20	58	95	40	3.37	PHS 12B-1B28
	29	176.19	A	16	–	–	–	–	1.97	PHS 12B-1A29
			B	–	20	60	95	40	3.49	PHS 12B-1B29
	30	182.25	A	16	–	–	–	–	2.11	PHS 12B-1A30
			B	–	20	60	95	40	3.66	PHS 12B-1B30
	31	188.31	A	20	–	–	–	–	2.26	PHS 12B-1A31
			B	–	20	64	95	40	3.96	PHS 12B-1B31
	32	194.36	A	20	–	–	–	–	2.37	PHS 12B-1A32
			B	–	20	64	95	40	4.14	PHS 12B-1B32
	33	200.40	A	20	–	–	–	–	2.58	PHS 12B-1A33
			B	–	20	64	95	40	4.28	PHS 12B-1B33
	34	206.46	A	20	–	–	–	–	2.72	PHS 12B-1A34
			B	–	20	64	95	40	4.45	PHS 12B-1B34
	35	212.52	A	20	–	–	–	–	2.90	PHS 12B-1A35
			B	–	20	64	95	40	4.62	PHS 12B-1B35
	36	218.58	A	20	–	–	–	–	3.04	PHS 12B-1A36
			B	–	20	70	100	40	4.79	PHS 12B-1B36
	37	224.64	A	20	–	–	–	–	3.27	PHS 12B-1A37
			B	–	20	70	100	40	4.97	PHS 12B-1B37
	38	230.69	A	20	–	–	–	–	3.42	PHS 12B-1A38
			B	–	20	70	100	40	5.15	PHS 12B-1B38
	39	236.75	A	20	–	–	–	–	3.61	PHS 12B-1A39
			B	–	20	70	100	40	5.34	PHS 12B-1B39
	40	242.81	A	20	–	–	–	–	3.80	PHS 12B-1A40
			B	–	20	70	100	40	5.54	PHS 12B-1B40
	41	248.87	A	25	–	–	–	–	3.97	PHS 12B-1A41
			B	–	20	70	110	56	5.78	PHS 12B-1B41
	42	254.93	A	25	–	–	–	–	4.18	PHS 12B-1A42
			B	–	20	70	110	56	6.02	PHS 12B-1B42
	43	260.98	A	25	–	–	–	–	4.43	PHS 12B-1A43
			B	–	20	70	110	56	6.26	PHS 12B-1B43
	44	267.04	A	25	–	–	–	–	4.60	PHS 12B-1A44
			B	–	20	70	110	56	6.50	PHS 12B-1B44
	45	273.10	A	25	–	–	–	–	4.77	PHS 12B-1A45
			B	–	20	60	110	56	6.30	PHS 12B-1B45
	46	279.16	A	25	–	–	–	–	5.07	PHS 12B-1A46
			B	–	20	70	110	56	6.98	PHS 12B-1B46
	47	285.21	A	25	–	–	–	–	5.30	PHS 12B-1A47
			B	–	20	70	110	56	7.22	PHS 12B-1B47
	48	291.27	A	25	–	–	–	–	5.55	PHS 12B-1A48
			B	–	20	70	110	56	7.46	PHS 12B-1B48
	49	297.33	A	25	–	–	–	–	5.81	PHS 12B-1A49
			B	–	20	70	110	56	7.70	PHS 12B-1B49
	50	303.39	A	25	–	–	–	–	6.06	PHS 12B-1A50
			B	–	20	70	110	56	7.94	PHS 12B-1B50
	54	327.64	A	25	–	–	–	–	7.08	PHS 12B-1A54
			B	–	20	70	110	56	8.90	PHS 12B-1B54
	57	345.81	A	25	–	–	–	–	7.84	PHS 12B-1A57
			B	–	20	60	110	56	7.75	PHS 12B-1B57
	60	363.99	A	25	–	–	–	–	8.82	PHS 12B-1A60
			B	–	20	70	110	56	10.34	PHS 12B-1B60
	65	394.29	A	25	–	–	–	–	10.46	PHS 12B-1A65
			B	–	20	70	110	56	11.64	PHS 12B-1B65
	68	412.49	A	30	–	–	–	–	11.44	PHS 12B-1A68
			B	–	20	70	110	56	12.20	PHS 12B-1B68

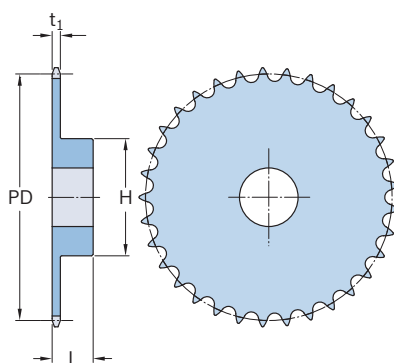
Section	Number of teeth	Pitch diameter	Type	Dimensions						Hub	Plate thickness t ₁	Mass	Designation
				Bore stock	Bore		H	L					
					Min.	Max.							
mm	—	mm	—	mm						kg	—		
19.05	70	424.60	30 B	—	—	30	—	—	—	12.10	PHS 12B-1A70		
			—	20	70	110	56	11.10	12.74	PHS 12B-1B70			
	72	436.74	30 B	—	—	—	—	—	12.75	PHS 12B-1A72			
			—	20	80	110	56	11.10	13.22	PHS 12B-1B72			
	76	460.99	A B	30	—	—	—	—	—	14.06	PHS 12B-1A76		
			—	20	60	—	—	—	12.50	PHS 12B-1B76			
	80	485.22	A B	30	—	—	110	56	11.10	15.73	PHS 12B-1A80		
			—	20	80	—	—	—	15.14	PHS 12B-1B80			
	84	509.48	A B	30	—	—	—	—	—	17.40	PHS 12B-1A84		
			—	20	80	110	56	11.10	16.10	PHS 12B-1B84			
90	545.85	A B	30	—	—	—	—	—	19.91	PHS 12B-1A90			
		—	20	80	—	—	—	17.23	PHS 12B-1B90				
92	557.98	A B	30	—	—	110	56	11.10	20.75	PHS 12B-1A92			
		—	20	80	—	—	—	18.19	PHS 12B-1B92				
95	576.17	A B	30	—	—	—	—	—	22.00	PHS 12B-1A95			
		—	20	92	110	56	11.10	18.74	PHS 12B-1B95				
96	582.23	A B	30	—	—	—	—	—	22.42	PHS 12B-1A96			
		—	20	92	—	—	—	18.98	PHS 12B-1B96				
114	691.36	A B	30	—	—	110	56	11.10	29.94	PHS 12B-1A114			
		—	20	92	—	—	—	23.30	PHS 12B-1B114				
25.40	8	66.37	A B	12	—	—	—	—	—	0.34	PHS 16B-1A8		
			—	16	22	42	35	16.18	0.50	PHS 16B-1B8			
	9	74.27	A B	12	—	—	—	—	—	0.44	PHS 16B-1A9		
			—	16	28	50	35	16.18	0.68	PHS 16B-1B9			
	10	82.19	A B	12	—	—	—	—	—	0.96	PHS 16B-1A10		
			—	16	34	55	35	16.18	0.87	PHS 16B-1B10			
	11	90.14	A B	16	—	—	—	—	—	0.68	PHS 16B-1A11		
			—	16	38	61	40	16.18	1.18	PHS 16B-1B11			
	12	98.14	A B	16	—	—	—	—	—	0.81	PHS 16B-1A12		
			—	16	44	69	40	16.18	1.48	PHS 16B-1B12			
	13	106.12	A B	16	—	—	—	—	—	1.00	PHS 16B-1A13		
			—	16	48	78	40	16.18	1.82	PHS 16B-1B13			
	14	114.15	A B	16	—	—	—	—	—	1.13	PHS 16B-1A14		
			—	16	53	84	40	16.18	2.14	PHS 16B-1B14			
	15	122.17	A B	16	—	—	—	—	—	1.30	PHS 16B-1A15		
			—	16	58	92	40	16.18	2.52	PHS 16B-1B15			
	16	130.20	A B	20	—	—	—	—	—	1.49	PHS 16B-1A16		
			—	20	64	100	45	16.18	3.19	PHS 16B-1B16			
	17	138.22	A B	20	—	—	—	—	—	1.68	PHS 16B-1A17		
			—	20	70	100	45	16.18	3.41	PHS 16B-1B17			
	18	146.28	A B	20	—	—	—	—	—	1.91	PHS 16B-1A18		
			—	20	70	100	45	16.18	3.62	PHS 16B-1B18			
	19	154.33	A B	20	—	—	—	—	—	2.12	PHS 16B-1A19		
			—	20	70	100	45	16.18	3.86	PHS 16B-1B19			
	20	162.38	A B	20	—	—	—	—	—	2.39	PHS 16B-1A20		
			—	20	70	100	45	16.18	4.10	PHS 16B-1B20			
	21	170.43	A B	20	—	—	—	—	—	2.64	PHS 16B-1A21		
—			20	70	110	50	16.18	5.09	PHS 16B-1B21				
22	178.48	A B	20	—	—	—	—	—	2.91	PHS 16B-1A22			
		—	20	70	110	50	16.18	5.35	PHS 16B-1B22				
23	186.53	A B	20	—	—	—	—	—	3.16	PHS 16B-1A23			
		—	20	70	110	50	16.18	5.66	PHS 16B-1B23				
24	194.59	A B	20	—	—	—	—	—	3.43	PHS 16B-1A24			
		—	20	70	110	50	16.18	5.94	PHS 16B-1B24				
25	202.66	A B	20	—	—	—	—	—	3.72	PHS 16B-1A25			
		—	20	70	110	50	16.18	6.25	PHS 16B-1B25				
26	210.72	A B	20	—	—	—	—	—	4.08	PHS 16B-1A26			
		—	20	76	120	50	16.18	7.07	PHS 16B-1B26				
27	218.79	A B	20	—	—	—	—	—	4.40	PHS 16B-1A27			
		—	20	76	120	50	16.18	7.39	PHS 16B-1B27				

Metric sprockets, simplex, pilot bore

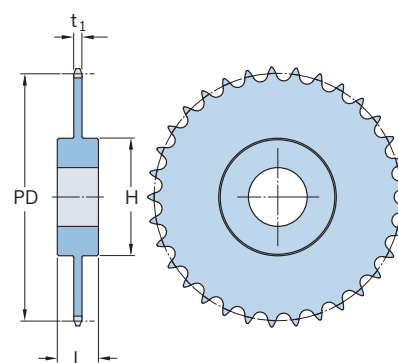
ISO 16B-1 · 25.40 mm pitch | ISO 20B-1 · 31.75 mm pitch



Type A



Type B



Type C

Section	Number of teeth	Pitch diameter PD	Type	Dimensions		Hub	Plate thickness t ₁	Mass	Designation
				Bore stock	Bore				
				Min.	Max.	H	L		
mm	—	mm	—	mm	—	mm	mm	kg	—
25.40	28	226.85	A	20	—	—	—	4.79	PHS 16B-1A28
			B	—	20	76	120 50	7.72	PHS 16B-1B28
	29	234.92	A	20	—	—	—	5.14	PHS 16B-1A29
			B	—	20	76	120 50	8.11	PHS 16B-1B29
	30	243.00	A	20	—	—	—	5.53	PHS 16B-1A30
			B	—	20	76	120 50	8.47	PHS 16B-1B30
	31	251.08	A	25	—	—	—	5.89	PHS 16B-1A31
			B	—	25	76	120 50	8.78	PHS 16B-1B31
	32	259.13	A	25	—	—	—	6.33	PHS 16B-1A32
			B	—	25	76	120 50	9.19	PHS 16B-1B32
	33	267.21	A	25	—	—	—	6.70	PHS 16B-1A33
			B	—	25	76	120 50	9.63	PHS 16B-1B33
	34	275.28	A	25	—	—	—	7.00	PHS 16B-1A34
			B	—	25	76	120 50	10.02	PHS 16B-1B34
	35	283.36	A	25	—	—	—	7.60	PHS 16B-1A35
			B	—	25	76	120 50	10.50	PHS 16B-1B35
	36	291.44	A	25	—	—	—	8.08	PHS 16B-1A36
			B	—	25	76	120 50	10.90	PHS 16B-1B36
	37	299.51	A	25	—	—	—	8.50	PHS 16B-1A37
			B	—	25	76	120 50	11.30	PHS 16B-1B37
	38	307.59	A	25	—	—	—	8.98	PHS 16B-1A38
			B	—	25	76	120 50	11.86	PHS 16B-1B38
	39	315.67	A	25	—	—	—	9.34	PHS 16B-1A39
			B	—	25	76	120 50	12.32	PHS 16B-1B39
	40	323.75	A	25	—	—	—	9.94	PHS 16B-1A40
			B	—	25	76	125 50	12.86	PHS 16B-1B40
	41	331.82	A	25	—	—	—	10.50	PHS 16B-1A41
			B	—	25	80	125 68	13.40	PHS 16B-1B41
	42	339.90	A	25	—	—	—	11.02	PHS 16B-1A42
			B	—	25	80	125 68	13.94	PHS 16B-1B42
	43	347.98	A	25	—	—	—	11.64	PHS 16B-1A43
			B	—	25	80	125 68	14.48	PHS 16B-1B43
	44	356.06	A	25	—	—	—	12.08	PHS 16B-1A44
			B	—	25	80	125 68	15.02	PHS 16B-1B44
	45	364.13	A	25	—	—	—	12.60	PHS 16B-1A45
			B	—	25	65	125 68	13.00	PHS 16B-1B45
	46	372.21	A	25	—	—	—	13.20	PHS 16B-1A46
			B	—	25	80	125 68	16.10	PHS 16B-1B46
	47	380.29	A	25	—	—	—	13.94	PHS 16B-1A47
			B	—	25	80	125 68	16.64	PHS 16B-1B47
	48	388.36	A	25	—	—	—	14.54	PHS 16B-1A48
			B	—	25	80	125 68	17.18	PHS 16B-1B48
	50	404.52	A	25	—	—	—	15.86	PHS 16B-1A50
			B	—	25	80	125 68	18.26	PHS 16B-1B50

Section	Number of teeth	Pitch diameter PD	Type	Dimensions		Hub	Plate thickness t ₁	Mass	Designation
				Bore stock	Bore				
				Min.	Max.	H	L		
mm	—	mm	—	mm	—	mm	mm	kg	—
25.40	54	436.85	A	30	—	—	—	18.51	PHS 16B-1A54
			B	—	25	85	125 68	20.42	PHS 16B-1B54
	57	461.07	A	30	—	—	—	20.50	PHS 16B-1A57
			B	—	25	65	125 68	15.50	PHS 16B-1B57
	60	485.32	A	30	—	—	—	22.95	PHS 16B-1A60
			B	—	25	85	133 68	23.66	PHS 16B-1B60
	65	525.73	A	30	—	—	—	27.03	PHS 16B-1A65
			B	—	25	85	140 68	26.36	PHS 16B-1B65
	70	566.14	A	30	—	—	—	31.11	PHS 16B-1A70
			C	—	25	108	140 68	29.06	PHS 16B-1C70
	72	582.32	A	30	—	—	—	32.74	PHS 16B-1A72
			C	—	25	108	140 68	30.14	PHS 16B-1C72
	76	614.65	A	30	—	—	—	36.00	PHS 16B-1A76
			C	—	25	75	140 68	28.50	PHS 16B-1C76
	80	646.96	A	30	—	—	—	40.42	PHS 16B-1A80
			C	—	25	108	140 68	34.46	PHS 16B-1C80
	84	679.30	A	30	—	—	—	44.84	PHS 16B-1A84
			C	—	25	108	140 68	36.62	PHS 16B-1C84
	90	727.81	A	30	—	—	—	51.47	PHS 16B-1A90
			C	—	25	108	140 68	39.86	PHS 16B-1C90
	95	768.22	A	30	—	—	—	57.00	PHS 16B-1A95
			C	—	25	85	140 68	42.56	PHS 16B-1C95
	96	766.31	A	30	—	—	—	58.11	PHS 16B-1A96
			C	—	25	108	140 68	43.10	PHS 16B-1C96
	114	921.81	A	30	—	—	—	78.00	PHS 16B-1A114
			C	—	25	108	140 68	52.82	PHS 16B-1C114
31.75	8	82.97	A	16	—	—	—	0.63	PHS 20B-1A8
			B	—	20	57	53 40	1.04	PHS 20B-1BH8
	9	92.83	A	16	—	—	—	0.95	PHS 20B-1A9
			B	—	20	57	63 40	1.45	PHS 20B-1BH9
	10	102.75	A	16	—	—	—	1.27	PHS 20B-1A10
			B	—	20	60	70 40	1.86	PHS 20B-1BH10
	11	112.70	A	16	—	—	—	1.59	PHS 20B-1A11
			B	—	20	70	77 45	2.40	PHS 20B-1BH11
	12	122.67	A	20	—	—	—	1.91	PHS 20B-1A12
			B	—	20	76	88 45	2.95	PHS 20B-1BH12
	13	132.67	A	20	—	—	—	2.18	PHS 20B-1A13
			B	—	20	76	98 45	3.00	PHS 20B-1BH13
	14	142.68	A	20	—	—	—	2.49	PHS 20B-1A14
			B	—	20	76	108 45	3.40	PHS 20B-1BH14
	15	152.71	A	20	—	—	—	2.68	PHS 20B-1A15
			B	—	20	76	118 50	4.31	PHS 20B-1BH15
	16	162.75	A	20	—	—	—	3.08	PHS 20B-1A16
			B	—	20	76	120 50	4.63	PHS 20B-1BH16

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.

For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1AH8.

Metric sprockets, simplex, pilot bore
ISO 20B-1 · 31.75 mm pitch | ISO 24B-1 · 38.10 mm pitch

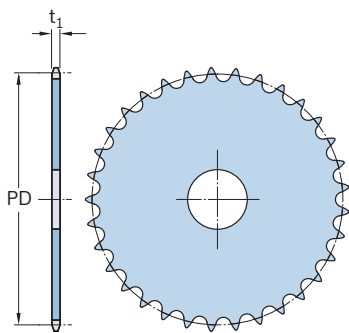
Section	Number of teeth	Pitch diameter	Type	Dimensions						Mass	Designation
				Bore stock	Bore		Hub	Plate			
					Min.	Max.		H	L		
mm	—	mm	—	mm						kg	—
31.75	17	172.79	A B	20 —	— 25	— 76	— 120	— 50	— 18.59	3.54 4.99	PHS 20B-1A17 PHS 20B-1BH17
	18	182.84	A B	20 —	— 25	— 76	— 120	— 50	— 18.59	3.81 5.44	PHS 20B-1A18 PHS 20B-1BH18
	19	192.90	A B	20 —	— 25	— 76	— 120	— 50	— 18.59	4.31 5.90	PHS 20B-1A19 PHS 20B-1BH19
	20	202.96	A B	20 —	— 25	— 76	— 120	— 50	— 18.59	4.58 6.35	PHS 20B-1A20 PHS 20B-1BH20
	21	213.03	A B	25 —	— 25	— 76	— 140	— 55	— 18.59	5.17 7.03	PHS 20B-1A21 PHS 20B-1BH21
	22	223.10	A B	25 —	— 25	— 76	— 140	— 55	— 18.59	5.72 7.71	PHS 20B-1A22 PHS 20B-1BH22
	23	233.17	A B	25 —	— 25	— 84	— 140	— 55	— 18.59	5.99 8.16	PHS 20B-1A23 PHS 20B-1BH23
	24	243.25	A B	25 —	— 25	— 84	— 140	— 55	— 18.59	6.62 8.62	PHS 20B-1A24 PHS 20B-1BH24
	25	253.32	A B	25 —	— 25	— 84	— 140	— 55	— 18.59	6.94 9.07	PHS 20B-1A25 PHS 20B-1BH25
	26	263.41	A B	25 —	— 25	— 84	— 150	— 55	— 18.59	7.62 9.53	PHS 20B-1A26 PHS 20B-1B26
	27	273.49	A B	25 —	— 25	— 84	— 150	— 55	— 18.59	8.35 10.43	PHS 20B-1A27 PHS 20B-1B27
	28	283.57	A B	25 —	— 25	— 84	— 150	— 55	— 18.59	8.85 11.34	PHS 20B-1A28 PHS 20B-1B28
	29	293.66	A B	25 —	— 25	— 84	— 150	— 55	— 18.59	9.43 11.76	PHS 20B-1A29 PHS 20B-1B29
	30	303.75	A B	25 —	— 25	— 84	— 150	— 55	— 18.59	9.98 12.02	PHS 20B-1A30 PHS 20B-1B30
	31	313.83	A B	25 —	— 25	— 84	— 150	— 55	— 18.59	10.73 12.77	PHS 20B-1A31 PHS 20B-1B31
	32	323.92	A B	25 —	— 25	— 84	— 150	— 55	— 18.59	11.49 13.52	PHS 20B-1A32 PHS 20B-1B32
	33	334.01	A B	25 —	— 25	— 84	— 150	— 55	— 18.59	12.24 14.59	PHS 20B-1A33 PHS 20B-1B33
	34	344.10	A B	25 —	— 25	— 84	— 150	— 55	— 18.59	13.00 15.66	PHS 20B-1A34 PHS 20B-1B34
	35	354.20	A B	25 —	— 25	— 84	— 150	— 55	— 18.59	13.75 16.74	PHS 20B-1A35 PHS 20B-1B35
	36	364.29	A B	25 —	— 25	— 84	— 150	— 55	— 18.59	14.50 17.51	PHS 20B-1A36 PHS 20B-1B36
	37	374.38	A B	25 —	— 25	— 84	— 150	— 55	— 18.59	15.25 18.17	PHS 20B-1A37 PHS 20B-1B37
	38	384.48	A B	25 —	— 25	— 84	— 150	— 55	— 18.59	16.01 18.82	PHS 20B-1A38 PHS 20B-1B38
	39	394.57	A B	25 —	— 25	— 84	— 150	— 55	— 18.59	16.76 19.78	PHS 20B-1A39 PHS 20B-1B39
	40	404.67	A B	25 —	— 25	— 84	— 150	— 55	— 18.59	17.52 21.27	PHS 20B-1A40 PHS 20B-1B40
	41	414.77	A B	30 —	— 25	— 84	— 150	— 70	— 18.59	18.27 22.07	PHS 20B-1A41 PHS 20B-1B41
	42	424.88	A B	30 —	— 25	— 84	— 150	— 70	— 18.59	19.03 22.86	PHS 20B-1A42 PHS 20B-1B42
	43	434.96	A B	30 —	— 25	— 84	— 150	— 70	— 18.59	19.78 23.40	PHS 20B-1A43 PHS 20B-1B43
	44	445.06	A B	30 —	— 25	— 84	— 150	— 70	— 18.59	20.53 23.95	PHS 20B-1A44 PHS 20B-1B44
	45	455.15	A B	30 —	— 25	— 84	— 150	— 70	— 18.59	21.29 24.49	PHS 20B-1A45 PHS 20B-1B45
	46	465.25	A B	30 —	— 25	— 84	— 150	— 70	— 18.59	22.04 26.31	PHS 20B-1A46 PHS 20B-1B46

Section	Number of teeth	Pitch diameter	Type	Dimensions						Mass	Designation
				Bore	Bore stock	Hub		Plate thickness t ₁			
						H	L				
		PD			Min.	Max.					
mm	—	mm	—	mm						kg	—
31.75	47	475.35	A B	30 —	— 25	— 84	— 150	— 70	— 18.59	22.79 28.12	PHS 20B-1A47 PHS 20B-1B47
	48	485.45	A B	30 —	— 25	— 102	— 150	— 70	— 18.59	23.55 29.94	PHS 20B-1A48 PHS 20B-1B48
	49	495.55	A B	30 —	— 25	— 102	— 150	— 70	— 18.59	24.30 31.76	PHS 20B-1A49 PHS 20B-1B49
	50	505.65	A B	30 —	— 25	— 102	— 150	— 70	— 18.59	25.06 33.57	PHS 20B-1A50 PHS 20B-1B50
	51	515.75	A B	30 —	— 25	— 102	— 150	— 80	— 18.59	24.43 35.39	PHS 20B-1A51 PHS 20B-1B51
	52	525.85	A B	30 —	— 25	— 102	— 150	— 80	— 18.59	25.85 37.21	PHS 20B-1A52 PHS 20B-1B52
	53	535.95	A B	30 —	— 25	— 102	— 150	— 80	— 18.59	27.27 39.02	PHS 20B-1A53 PHS 20B-1B53
	54	546.05	A C	30 —	— 25	— 102	— 150	— 80	— 18.59	25.70 32.90	PHS 20B-1A54 PHS 20B-1C54
	55	556.15	A C	30 —	— 25	— 102	— 150	— 80	— 18.59	30.12 34.77	PHS 20B-1A55 PHS 20B-1C55
	56	566.25	A C	30 —	— 25	— 102	— 150	— 80	— 18.59	31.34 36.63	PHS 20B-1A56 PHS 20B-1C56
	57	576.35	A C	30 —	— 25	— 102	— 150	— 80	— 18.59	32.96 38.50	PHS 20B-1A57 PHS 20B-1C57
	58	586.45	A C	30 —	— 25	— 102	— 150	— 80	— 18.59	35.80 40.37	PHS 20B-1A58 PHS 20B-1C58
	59	596.56	A C	30 —	— 25	— 102	— 150	— 80	— 18.59	37.22 42.24	PHS 20B-1A59 PHS 20B-1C59
	60	606.66	A C	30 —	— 25	— 102	— 150	— 80	— 18.59	38.64 44.10	PHS 20B-1A60 PHS 20B-1C60
	70	707.68	A C	30 —	— 25	— 133	— 150	— 80	— 18.59	52.85 65.36	PHS 20B-1A70 PHS 20B-1C70
	72	727.89	A C	30 —	— 25	— 133	— 150	— 80	— 18.59	55.70 67.23	PHS 20B-1A72 PHS 20B-1C72
	76	768.30	A C	30 —	— 25	— 133	— 150	— 80	— 18.59	61.38 70.98	PHS 20B-1A76 PHS 20B-1C76
	80	808.71	A C	30 —	— 25	— 133	— 150	— 80	— 18.59	67.06 74.70	PHS 20B-1A80 PHS 20B-1C80
	84	849.13	A C	30 —	— 25	— 133	— 150	— 90	— 18.59	72.75 78.43	PHS 20B-1A84 PHS 20B-1C84
	90	909.76	A C	30 —	— 25	— 133	— 150	— 90	— 18.59	81.27 84.03	PHS 20B-1A90 PHS 20B-1C90
	95	960.28	A C	30 —	— 25	— 133	— 150	— 90	— 18.59	102.42 117.18	PHS 20B-1A95 PHS 20B-1C95
	96	970.38	A C	30 —	— 25	— 133	— 150	— 90	— 18.59	103.84 117.56	PHS 20B-1A96 PHS 20B-1C96
	114	1152.27	A C	30 —	— 25	— 133	— 150	— 90	— 18.59	130.84 124.40	PHS 20B-1A114 PHS 20B-1C114
	38.10	9	111.40	A B	20 —	— 20	— 45	— 70	— 45	— 24.13	1.69 2.02
10		123.29	A B	20 —	— 20	— 52	— 80	— 45	— 24.13	1.88 2.61	PHS 24B-1A10 PHS 24B-1BH10
11		135.23	A B	20 —	— 25	— 60	— 90	— 50	— 24.13	2.06 3.77	PHS 24B-1A11 PHS 24B-1BH11
12		147.21	A B	20 —	— 25	— 67	— 102	— 50	— 24.13	2.68 4.77	PHS 24B-1A12 PHS 24B-1BH12
13		159.20	A B	20 —	— 25	— 76	— 114	— 50	— 24.13	3.06 5.91	PHS 24B-1A13 PHS 24B-1BH13
14		171.22	A B	20 —	— 25	— 86	— 128	— 50	— 24.13	3.72 6.68	PHS 24B-1A14 PHS 24B-1BH14
15		183.25	A B	20 —	— 25	— 92	— 132	— 50	— 24.13	4.31 7.49	PHS 24B-1A15 PHS 24B-1BH15

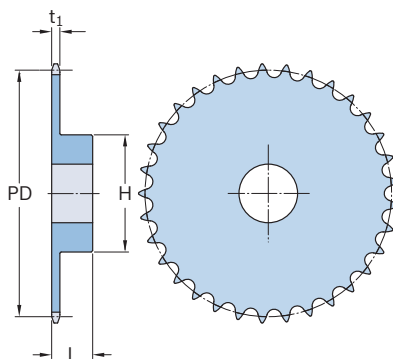
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1AH8.

Metric sprockets, simplex, pilot bore

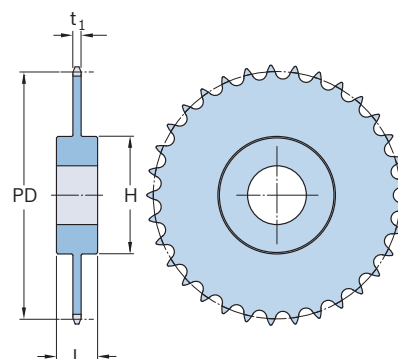
ISO 24B-1 · 38.10 mm pitch | ISO 28B-1 · 44.45 mm pitch



Type A



Type B



Type C

Section	Number of teeth	Pitch diameter	Type	Dimensions		Hub	Plate thickness	Mass	Designation
				Bore stock	Bore				
				Min.	Max.	H	L		
mm	—	mm	—	mm	—	mm	mm	kg	—
38.10	16	195.29	A	25	—	—	—	4.86	PHS 24B-1A16
			B	—	25	92	136 55	9.08	PHS 24B-1BH16
	17	207.35	A	25	—	—	—	5.44	PHS 24B-1A17
			B	—	25	92	136 55	9.76	PHS 24B-1BH17
	18	219.41	A	25	—	—	—	6.13	PHS 24B-1A18
			B	—	25	92	136 55	10.49	PHS 24B-1BH18
	19	231.48	A	25	—	—	—	7.03	PHS 24B-1A19
			B	—	25	92	136 55	11.21	PHS 24B-1BH19
	20	243.55	A	25	—	—	—	7.94	PHS 24B-1A20
			B	—	25	92	136 55	12.26	PHS 24B-1BH20
	21	255.63	A	25	—	—	—	8.62	PHS 24B-1A21
			B	—	25	92	150 60	13.38	PHS 24B-1BH21
	22	267.72	A	25	—	—	—	9.76	PHS 24B-1A22
			B	—	25	92	150 60	13.67	PHS 24B-1BH22
	23	179.80	A	25	—	—	—	10.43	PHS 24B-1A23
			B	—	25	92	150 60	14.74	PHS 24B-1BH23
	24	291.90	A	25	—	—	—	11.35	PHS 24B-1A24
			B	—	25	92	150 60	15.48	PHS 24B-1BH24
	25	303.99	A	25	—	—	—	12.47	PHS 24B-1A25
			B	—	25	92	150 60	16.38	PHS 24B-1BH25
	26	316.09	A	30	—	—	—	13.39	PHS 24B-1A26
			B	—	30	102	150 65	19.43	PHS 24B-1B26
	27	328.19	A	30	—	—	—	14.53	PHS 24B-1A27
			B	—	30	102	150 65	20.39	PHS 24B-1B27
	28	340.29	A	30	—	—	—	15.89	PHS 24B-1A28
			B	—	30	102	150 65	21.34	PHS 24B-1B28
	29	352.39	A	30	—	—	—	17.02	PHS 24B-1A29
			B	—	30	102	150 65	22.79	PHS 24B-1B29
	30	364.49	A	30	—	—	—	18.39	PHS 24B-1A30
			B	—	30	102	150 65	24.25	PHS 24B-1B30
	31	376.60	A	30	—	—	—	20.02	PHS 24B-1A31
			B	—	30	102	150 65	26.19	PHS 24B-1B31
	32	388.71	A	30	—	—	—	21.66	PHS 24B-1A32
			B	—	30	102	150 65	28.12	PHS 24B-1B32
	33	400.82	A	30	—	—	—	23.29	PHS 24B-1A33
			B	—	30	102	150 65	30.05	PHS 24B-1B33
	34	412.93	A	30	—	—	—	24.93	PHS 24B-1A34
			B	—	30	102	150 65	31.99	PHS 24B-1B34
	35	425.04	A	30	—	—	—	26.56	PHS 24B-1A35
			B	—	30	102	150 65	33.93	PHS 24B-1B35
	36	437.15	A	30	—	—	—	28.19	PHS 24B-1A36
			B	—	30	102	150 65	35.86	PHS 24B-1B36
	38	461.37	A	30	—	—	—	31.46	PHS 24B-1A38
			B	—	30	102	150 65	39.73	PHS 24B-1B38

Section	Number of teeth	Pitch diameter	Type	Dimensions		Hub	Plate thickness	Mass	Designation
				Bore stock	Bore				
				Min.	Max.	H	L		
mm	—	mm	—	mm	—	mm	mm	kg	—
38.10	40	485.60	A	30	—	—	—	36.23	PHS 24B-1A40
			B	—	30	102	150 65	42.52	PHS 24B-1B40
	42	509.83	A	30	—	—	—	40.99	PHS 24B-1A42
			C	—	30	102	160 90	45.31	PHS 24B-1C42
	45	546.19	A	30	—	—	—	48.14	PHS 24B-1A45
			C	—	30	102	160 90	50.71	PHS 24B-1C45
	48	482.54	A	30	—	—	—	55.29	PHS 24B-1A48
			C	—	30	102	160 90	57.43	PHS 24B-1C48
	50	606.78	A	30	—	—	—	60.05	PHS 24B-1A50
			C	—	30	102	160 90	61.57	PHS 24B-1C50
	54	655.26	A	30	—	—	—	69.58	PHS 24B-1A54
			C	—	30	102	160 100	69.84	PHS 24B-1C54
	57	691.62	A	30	—	—	—	76.73	PHS 24B-1A57
			C	—	30	133	160 100	76.05	PHS 24B-1C57
	60	727.99	A	30	—	—	—	85.19	PHS 24B-1A60
			C	—	30	133	160 100	80.05	PHS 24B-1C60
	68	824.97	A	40	—	—	—	107.74	PHS 24B-1A68
			C	—	30	133	160 100	93.39	PHS 24B-1C68
	72	873.43	A	40	—	—	—	119.02	PHS 24B-1A72
			C	—	30	133	160 100	111.51	PHS 24B-1C72
	76	921.96	A	40	—	—	—	130.30	PHS 24B-1A76
			C	—	30	133	160 100	129.62	PHS 24B-1C76
	95	921.96	A	40	—	—	—	183.88	PHS 24B-1A95
			C	—	30	133	160 100	215.67	PHS 24B-1C95
	96	921.96	A	40	—	—	—	186.70	PHS 24B-1A96
			C	—	30	133	160 100	220.20	PHS 24B-1C96
	114	921.96	A	40	—	—	—	237.46	PHS 24B-1A114
			C	—	30	133	160 100	301.71	PHS 24B-1C114
44.45	11	157.77	A	20	—	—	—	3.18	PHS 28B-1A11
			B	—	25	73	112 70	5.27	PHS 28B-1BH11
	12	171.74	A	20	—	—	—	3.95	PHS 28B-1A12
			B	—	25	84	125 70	6.40	PHS 28B-1BH12
	13	185.74	A	20	—	—	—	4.31	PHS 28B-1A13
			B	—	25	93	125 70	8.22	PHS 28B-1BH13
	14	199.76	A	20	—	—	—	4.77	PHS 28B-1A14
			B	—	25	93	125 70	9.13	PHS 28B-1BH14
	15	213.79	A	20	—	—	—	5.45	PHS 28B-1A15
			B	—	25	108	125 70	11.40	PHS 28B-1BH15
	16	227.84	A	30	—	—	—	6.81	PHS 28B-1A16
			B	—	30	108	160 75	12.76	PHS 28B-1BH16
	17	241.91	A	30	—	—	—	7.71	PHS 28B-1A17
			B	—	30	108	160 75	13.65	PHS 28B-1BH17
	18	255.98	A	30	—	—	—	8.63	PHS 28B-1A18
			B	—	30	108	160 75	13.65	PHS 28B-1BH18

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1AH8.

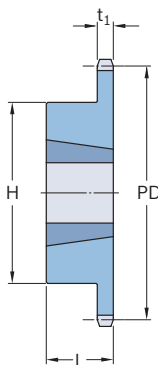
Metric sprockets, simplex, pilot bore
ISO 28B-1 · 44.45 mm pitch | ISO 32B-1 · 50.80 mm pitch

Section	Number of teeth	Pitch diameter	Type	Dimensions						Mass	Designation
				Bore stock	Bore	Hub	Plate		t ₁		
							Min.	Max.			
mm	—	mm	—	mm						kg	—
44.45	19	270.06	A	30	—	—	—	—	—	9.53	PHS 28B-1A19
			B	—	30	108	160	75	29.44	15.01	PHS 28B-1BH19
	20	284.14	A	30	—	—	—	—	—	10.44	PHS 28B-1A20
			B	—	30	108	160	75	29.44	16.84	PHS 28B-1BH20
	21	298.24	A	30	—	—	—	—	—	11.79	PHS 28B-1A21
			B	—	30	108	160	75	29.44	18.19	PHS 28B-1BH21
	22	312.34	A	30	—	—	—	—	—	13.17	PHS 28B-1A22
			B	—	30	108	160	75	29.44	19.11	PHS 28B-1BH22
	23	326.44	A	30	—	—	—	—	—	14.06	PHS 28B-1A23
			B	—	30	108	160	75	29.44	20.46	PHS 28B-1BH23
	24	340.54	A	30	—	—	—	—	—	15.44	PHS 28B-1A24
			B	—	30	108	160	75	29.44	21.84	PHS 28B-1BH24
	25	354.65	A	30	—	—	—	—	—	16.78	PHS 28B-1A25
			B	—	30	108	160	75	29.44	22.73	PHS 28B-1BH25
	26	368.77	A	30	—	—	—	—	—	18.61	PHS 28B-1A26
			B	—	30	108	160	75	29.44	26.83	PHS 28B-1BH26
	27	382.88	A	30	—	—	—	—	—	20.43	PHS 28B-1A27
			B	—	30	108	160	75	29.44	27.74	PHS 28B-1BH27
	28	397.00	A	30	—	—	—	—	—	20.88	PHS 28B-1A28
			B	—	30	108	160	75	29.44	30.29	PHS 28B-1BH28
	30	425.24	A	30	—	—	—	—	—	25.17	PHS 28B-1A30
			B	—	30	108	160	75	29.44	32.73	PHS 28B-1BH30
	32	453.49	A	30	—	—	—	—	—	31.02	PHS 28B-1A32
			B	—	30	134	180	75	29.44	34.84	PHS 28B-1BH32
	38	538.27	A	30	—	—	—	—	—	48.58	PHS 28B-1A38
			B	—	30	134	180	75	29.44	51.25	PHS 28B-1BH38
	40	566.54	A	30	—	—	—	—	—	52.80	PHS 28B-1A40
			C	—	30	134	180	75	29.44	52.84	PHS 28B-1C40
42	594.81	A	30	—	—	—	—	—	57.02	PHS 28B-1A42	
		C	—	30	134	180	90	29.44	54.43	PHS 28B-1C42	
45	637.22	A	30	—	—	—	—	—	63.35	PHS 28B-1A45	
		C	—	30	134	180	90	29.44	60.55	PHS 28B-1C45	
48	679.63	A	30	—	—	—	—	—	69.68	PHS 28B-1A48	
		C	—	30	134	180	90	29.44	62.72	PHS 28B-1C48	
54	764.47	A	30	—	—	—	—	—	82.34	PHS 28B-1A54	
		C	—	30	134	180	100	29.44	74.60	PHS 28B-1C54	
57	806.89	A	40	—	—	—	—	—	88.67	PHS 28B-1A57	
		C	—	30	134	180	100	29.44	81.77	PHS 28B-1C57	
60	849.32	A	40	—	—	—	—	—	97.97	PHS 28B-1A60	
		C	—	30	134	180	100	29.44	88.94	PHS 28B-1C60	
68	962.47	A	40	—	—	—	—	—	122.79	PHS 28B-1A68	
		C	—	30	137	180	100	29.44	108.05	PHS 28B-1C68	
72	1 019.04	A	40	—	—	—	—	—	135.19	PHS 28B-1A72	
		C	—	30	137	180	100	29.44	117.61	PHS 28B-1C72	
76	1 075.62	A	40	—	—	—	—	—	147.60	PHS 28B-1A76	
		C	—	30	137	180	100	29.44	127.17	PHS 28B-1C76	
95	1 344.39	A	40	—	—	—	—	—	206.53	PHS 28B-1A95	
		C	—	30	137	180	100	29.44	172.57	PHS 28B-1C95	
50.80	11	180.31	A	25	—	—	—	—	—	5.00	PHS 32B-1A11
			B	—	30	83	120	90	29.44	9.04	PHS 32B-1BH11
	12	196.28	A	25	—	—	—	—	—	6.02	PHS 32B-1A12
			B	—	30	89	133	90	29.44	11.11	PHS 32B-1BH12
	13	212.27	A	25	—	—	—	—	—	7.12	PHS 32B-1A13
			B	—	30	102	145	90	29.44	12.61	PHS 32B-1BH13
14	228.29	A	30	—	—	—	—	—	8.32	PHS 32B-1A14	
		B	—	30	102	145	90	29.44	14.97	PHS 32B-1BH14	
15	244.33	A	30	—	—	—	—	—	9.50	PHS 32B-1A15	
		B	—	30	102	145	90	29.44	17.32	PHS 32B-1BH15	
16	260.39	A	30	—	—	—	—	—	11.64	PHS 32B-1A16	
		B	—	30	103	160	90	29.44	18.78	PHS 32B-1BH16	

Section	Number of teeth	Pitch diameter	Type	Dimensions						Mass	Designation
				Bore stock	Bore		Hub	Plate thickness			
					Min.	Max.		H	L		
mm	—	mm	—	mm						kg	—
50.80	17	276.46	A	30	—	—	—	—	—	12.35	PHS 32B-1A17
			B	—	30	103	160	90	29.44	20.23	PHS 32B-1BH17
	18	292.55	A	30	—	—	—	—	—	13.96	PHS 32B-1A18
			B	—	30	103	160	90	29.44	21.88	PHS 32B-1BH18
	19	308.64	A	30	—	—	—	—	—	15.57	PHS 32B-1A19
			B	—	30	103	160	90	29.44	23.53	PHS 32B-1BH19
	20	324.74	A	30	—	—	—	—	—	17.36	PHS 32B-1A20
			B	—	30	133	180	90	29.44	25.37	PHS 32B-1BH20
	21	340.84	A	30	—	—	—	—	—	19.15	PHS 32B-1A21
			B	—	30	133	180	90	29.44	27.20	PHS 32B-1BH21
	22	356.96	A	30	—	—	—	—	—	21.13	PHS 32B-1A22
			B	—	30	133	180	90	29.44	29.23	PHS 32B-1BH22
	23	373.07	A	30	—	—	—	—	—	23.10	PHS 32B-1A23
			B	—	30	133	180	90	29.44	31.25	PHS 32B-1BH23
	24	389.19	A	30	—	—	—	—	—	25.26	PHS 32B-1A24
			B	—	30	133	180	90	29.44	35.33	PHS 32B-1BH24
	25	405.32	A	30	—	—	—	—	—	27.41	PHS 32B-1A25
			B	—	30	133	180	90	29.44	36.80	PHS 32B-1BH25
	26	421.45	A	30	—	—	—	—	—	30.25	PHS 32B-1A26
			B	—	30	133	180	90	29.44	39.41	PHS 32B-1BH26
	27	437.58	A	30	—	—	—	—	—	33.10	PHS 32B-1A27
			B	—	30	133	180	90	29.44	42.02	PHS 32B-1BH27
	28	453.72	A	30	—	—	—	—	—	35.94	PHS 32B-1A28
			B	—	30	133	180	90	29.44	44.62	PHS 32B-1BH28
	30	485.99	A	30	—	—	—	—	—	41.63	PHS 32B-1A30
			B	—	30	133	180	90	29.44	49.84	PHS 32B-1BH30
	32	518.28	A	30	—	—	—	—	—	47.31	PHS 32B-1A32
			B	—	30	139	180	90	29.44	58.02	PHS 32B-1BH32
	38	615.17	A	30	—	—	—	—	—	64.37	PHS 32B-1A38
			B	—	30	139	180	90	29.44	86.78	PHS 32B-1BH38
	40	647.47	A	40	—	—	—	—	—	72.98	PHS 32B-1A40
			C	—	30	139	180	90	29.44	91.35	PHS 32B-1C40
	42	679.78	A	40	—	—	—	—	—	81.60	PHS 32B-1A42
			C	—	30	139	180	90	29.44	95.91	PHS 32B-1C42
	45	728.25	A	40	—	—	—	—	—	94.52	PHS 32B-1A45
			C	—	30	139	180	100	29.44	116.97	PHS 32B-1C45
	48	790.72	A	40	—	—	—	—	—	107.44	PHS 32B-1A48
			C	—	30	139	180	100	29.44	130.43	PHS 32B-1C48
	54	873.68	A	40	—	—	—	—	—	133.29	PHS 32B-1A54
			C	—	30	139	180	100	29.44	157.34	PHS 32B-1C54
	57	922.16	A	40	—	—	—	—	—	146.21	PHS 32B-1A57
			C	—	30	139	180	100	29.44	190.79	PHS 32B-1C57
	60	990.65	A	40	—	—	—	—	—	164.35	PHS 32B-1A60
			C	—	30	139	200	110	29.44	184.25	PHS 32B-1C60
	68	1 099.96	A	40	—	—	—	—	—	212.73	PHS 32B-1A68
			C	—	30	139	200	110	29.44	220.13	PHS 32B-1C68
	72	1 164.62	A	40	—	—	—	—	—	236.91	PHS 32B-1A72
			C	—	30	139	200	110	29.44	282.31	PHS 32B-1C72
90	1 229.28	A	40	—	—	—	—	—	261.10	PHS 32B-1A90	
		C	—	30	139	200	110	29.44	297.99	PHS 32B-1C90	

Metric sprockets, simplex, taper bushed

ISO 06B-1 · 9.525 mm pitch | ISO 08B-1 · 12.70 mm pitch



Note: "H" mounted bushing illustrated

Type B

Pitch	Number of teeth	Pitch diameter PD	Type	Bushing number	Dimensions Bore		L	H	Plate thickness t ₁	Rim	Mass		Designation
					Min.	Max.					Bushing		
mm	–	mm	–	–	mm						kg		–
9.525	16	48.82	B	1008	9	25.4	22.0	42.0 ¹⁾	5.31	0.12	0.09		PHS 06B-1TBH16
	17	51.83	B	1008	9	25.4	22.0	45.0	5.31	0.13	0.09		PHS 06B-1TBH17
	18	54.85	B	1008	9	25.4	22.0	45.0	5.31	0.14	0.09		PHS 06B-1TBH18
	19	57.87	B	1008	9	25.4	22.0	45.0	5.31	0.16	0.09		PHS 06B-1TBH19
	20	60.89	B	1008	9	25.4	22.0	46.0	5.31	0.18	0.09		PHS 06B-1TBH20
	21	63.91	B	1008	9	25.4	22.0	46.0	5.31	0.20	0.09		PHS 06B-1TBH21
	22	66.93	B	1108	9	28.0	22.0	52.0	5.31	0.24	0.12		PHS 06B-1TBH22
	23	69.95	B	1210	11	31.8	25.0	63.0 ¹⁾	5.31	0.30	0.21		PHS 06B-1TBH23
	24	72.97	B	1210	11	31.8	25.0	63.0	5.31	0.32	0.21		PHS 06B-1TBH24
	25	76.00	B	1210	11	31.8	25.0	63.0	5.31	0.35	0.21		PHS 06B-1TBH25
	26	79.02	B	1210	11	31.8	25.0	63.0	5.31	0.35	0.21		PHS 06B-1TB26
	27	82.05	B	1210	11	31.8	25.0	63.0	5.31	0.38	0.21		PHS 06B-1TB27
	28	85.07	B	1210	11	31.8	25.0	63.0	5.31	0.38	0.21		PHS 06B-1TB28
	29	88.09	B	1210	11	31.8	25.0	63.0	5.31	0.40	0.21		PHS 06B-1TB29
	30	91.12	B	1210	11	31.8	25.0	63.0	5.31	0.41	0.21		PHS 06B-1TB30
	32	97.18	B	1210	11	31.8	25.0	63.0	5.31	0.58	0.21		PHS 06B-1TB32
	35	106.26	B	1210	11	31.8	25.0	63.0	5.31	0.76	0.21		PHS 06B-1TB35
	36	109.29	B	1210	11	31.8	25.0	63.0	5.31	0.82	0.21		PHS 06B-1TB36
	38	115.35	B	1210	11	31.8	25.0	70.0	5.31	0.94	0.21		PHS 06B-1TB38
	40	121.40	B	1210	11	31.8	25.0	70.0	5.31	1.06	0.21		PHS 06B-1TB40
	45	136.55	B	1210	11	31.8	25.0	70.0	5.31	1.36	0.21		PHS 06B-1TB45
	48	145.65	B	1210	11	31.8	25.0	70.0	5.31	1.54	0.21		PHS 06B-1TB48
	54	163.82	B	1210	11	31.8	25.0	70.0	5.31	1.90	0.21		PHS 06B-1TB54
	57	172.90	B	1210	11	31.8	25.0	70.0	5.31	1.60	0.21		PHS 06B-1TB57
	60	182.00	B	1210	11	31.8	25.0	70.0	5.31	2.26	0.21		PHS 06B-1TB60
	70	212.30	B	1210	11	31.8	25.0	70.0	5.31	2.86	0.21		PHS 06B-1TB70
	76	230.49	B	1210	11	31.8	25.0	70.0	5.31	2.43	0.21		PHS 06B-1TB76
	95	288.08	B	1210	11	31.8	25.0	110.0	5.31	2.72	0.21		PHS 06B-1TB95
	114	345.68	B	1215	11	31.8	25.0	110.0	5.31	5.50	0.31		PHS 06B-1TB114
12.70	14	57.07	B	1008	9	25.4	22.0	46.0 ¹⁾	7.2	0.12	0.14		PHS 08B-1TBH14
	15	61.09	B	1008	9	25.4	22.0	45.0	7.2	0.18	0.14		PHS 08B-1TBH15
	16	65.10	B	1108	9	28.0	22.0	52.0	7.2	0.24	0.16		PHS 08B-1TBH16
	17	69.11	B	1210	11	31.8	25.0	60.0 ¹⁾	7.2	0.24	0.27		PHS 08B-1TBH17
	18	73.14	B	1210	11	31.8	25.0	60.0 ¹⁾	7.2	0.30	0.27		PHS 08B-1TBH18
	19	77.16	B	1210	11	31.8	25.0	63.0	7.2	0.33	0.27		PHS 08B-1TBH19
	20	81.19	B	1610	11	31.8	25.0	71.0	7.2	0.32	0.41		PHS 08B-1TBH20
	21	85.22	B	1610	14	41.3	25.0	71.0	7.2	0.37	0.41		PHS 08B-1TBH21
	22	89.24	B	1610	14	41.3	25.0	76.0	7.2	0.50	0.41		PHS 08B-1TBH22
	23	93.27	B	1610	14	41.3	25.0	76.0	7.2	0.53	0.41		PHS 08B-1TBH23
	24	97.29	B	1610	14	41.3	25.0	76.0	7.2	0.54	0.41		PHS 08B-1TBH24
	25	101.33	B	1610	14	41.3	25.0	76.0	7.2	0.59	0.41		PHS 08B-1TBH25
	26	105.36	B	1610	14	41.3	25.0	76.0	7.2	0.61	0.41		PHS 08B-1TB26
	27	109.40	B	1610	14	41.3	25.0	76.0	7.2	0.94	0.41		PHS 08B-1TB27
	28	113.42	B	2012	14	50.8	25.0	90.0	7.2	0.86	0.77		PHS 08B-1TB28
	29	117.46	B	2012	14	50.8	25.0	90.0	7.2	0.90	0.77		PHS 08B-1TB29
	30	121.50	B	2012	14	50.8	32.0	90.0	7.2	0.94	0.59		PHS 08B-1TB30
	32	129.57	B	2012	14	50.8	32.0	90.0	7.2	1.12	0.59		PHS 08B-1TB32
	35	141.68	B	2012	14	50.8	32.0	90.0	7.2	1.30	0.59		PHS 08B-1TB35
	36	145.72	B	2012	14	50.8	32.0	90.0	7.2	1.48	0.59		PHS 08B-1TB36
	38	153.80	B	2012	14	50.8	32.0	90.0	7.2	1.67	0.59		PHS 08B-1TB38
	40	161.87	B	2012	14	50.8	32.0	90.0	7.2	1.80	0.59		PHS 08B-1TB40
	42	169.94	B	2012	14	50.8	32.0	100.0	7.2	1.93	0.59		PHS 08B-1TB42
	45	182.07	B	2012	14	50.8	32.0	100.0	7.2	2.06	0.59		PHS 08B-1TB45
	48	194.18	B	2012	14	50.8	32.0	100.0	7.2	2.36	0.59		PHS 08B-1TB48

¹⁾ Undercut in hub for chain clearance

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.

For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1TBH16.

Metric sprockets, simplex, taper bushed

SO 08B-1 · 12.70 mm pitch | ISO 10B-1 · 15.88 mm pitch | ISO 12B-1 · 19.05 mm pitch

Pitch	Number of teeth	Pitch diameter PD	Type	Bushing number	Dimensions Bore		L	H	Plate thickness t_1	Mass Rim	Bushing	Designation
					Min.	Max.						
mm	–	mm	–	–	mm					kg		–
12.70	54	218.42	B	2012	14	50.8	32.0	100.0	7.2	2.66	0.59	PHS 08B-1TB54
	57	230.53	B	2012	14	50.8	32.0	100.0	7.2	3.07	0.59	PHS 08B-1TB57
	60	242.66	B	2012	14	50.8	32.0	100.0	7.2	3.23	0.59	PHS 08B-1TB60
	70	283.07	B	2012	14	50.8	32.0	100.0	7.2	3.39	0.59	PHS 08B-1TB70
	72	291.15	B	2012	14	50.8	32.0	100.0	7.2	3.55	0.59	PHS 08B-1TB72
	76	307.31	B	2012	14	50.8	32.0	100.0	7.2	3.71	0.59	PHS 08B-1TB76
	80	323.49	B	2012	14	50.8	32.0	100.0	7.2	4.55	0.59	PHS 08B-1TB80
	84	339.65	B	2012	14	50.8	32.0	100.0	7.2	5.39	0.59	PHS 08B-1TB84
	95	384.10	B	2012	14	50.8	32.0	100.0	7.2	6.23	0.59	PHS 08B-1TB95
	96	388.15	B	2012	14	50.8	32.0	100.0	7.2	7.00	0.59	PHS 08B-1TB96
	114	460.90	B	2517	16	63.5	45.0	110.0	7.2	8.10	1.30	PHS 08B-1TB114
	12	61.34	B	1008	9	25.4	22.0	49.2 ¹⁾	9.1	0.21	0.09	PHS 10B-1TBH12
	13	66.32	B	1008	9	25.4	22.0	47.0	9.1	0.25	0.09	PHS 10B-1TBH13
	14	71.34	B	1108	9	25.4	22.0	52.0	9.1	0.27	0.12	PHS 10B-1TBH14
15.88	15	76.36	B	1210	11	31.8	25.0	60.0	9.1	0.33	0.21	PHS 10B-1TBH15
	16	81.37	B	1610	14	41.3	25.0	70.6 ¹⁾	9.1	0.32	0.31	PHS 10B-1TBH16
	17	86.39	B	1610	14	41.3	25.0	71.0 ¹⁾	9.1	0.40	0.31	PHS 10B-1TBH17
	18	91.42	B	1610	14	41.3	25.0	75.0	9.1	0.50	0.31	PHS 10B-1TBH18
	19	96.45	B	1610	14	41.3	25.0	75.0	9.1	0.56	0.31	PHS 10B-1TBH19
	20	101.49	B	1610	14	41.3	25.0	76.0	9.1	0.64	0.31	PHS 10B-1TBH20
	21	106.52	B	1610	14	41.3	25.0	76.0	9.1	0.69	0.31	PHS 10B-1TBH21
	22	111.55	B	1610	14	41.3	25.0	76.0	9.1	0.75	0.31	PHS 10B-1TBH22
	23	116.58	B	1610	14	41.3	25.0	76.0	9.1	0.81	0.31	PHS 10B-1TBH23
	24	121.62	B	2012	14	50.8	32.0	90.0	9.1	1.00	0.59	PHS 10B-1TBH24
	25	126.66	B	2012	14	50.8	32.0	90.0	9.1	1.06	0.59	PHS 10B-1TBH25
	26	131.70	B	2012	14	50.8	32.0	90.0	9.1	1.14	0.59	PHS 10B-1TB26
	27	136.75	B	2012	14	50.8	32.0	90.0	9.1	1.19	0.59	PHS 10B-1TB27
	28	141.78	B	2012	14	50.8	32.0	90.0	9.1	1.28	0.59	PHS 10B-1TB28
	29	146.83	B	2012	14	50.8	32.0	90.0	9.1	1.37	0.59	PHS 10B-1TB29
	30	151.87	B	2012	14	50.8	32.0	90.0	9.1	1.65	0.59	PHS 10B-1TB30
	32	161.96	B	2012	14	50.8	32.0	98.0	9.1	2.21	0.59	PHS 10B-1TB32
	35	177.10	B	2012	14	50.8	32.0	98.0	9.1	3.05	0.59	PHS 10B-1TB35
	36	182.15	B	2012	14	50.8	32.0	98.0	9.1	3.33	0.59	PHS 10B-1TB36
	38	192.24	B	2012	14	50.8	32.0	100.0	9.1	3.89	0.59	PHS 10B-1TB38
	40	202.33	B	2012	14	50.8	32.0	100.0	9.1	4.45	0.59	PHS 10B-1TB40
	42	212.43	B	2012	14	50.8	32.0	100.0	9.1	5.01	0.59	PHS 10B-1TB42
	45	227.58	B	2012	14	50.8	32.0	100.0	9.1	3.97	0.59	PHS 10B-1TB45
	48	242.73	B	2012	14	50.8	32.0	100.0	9.1	6.69	0.59	PHS 10B-1TB48
	54	273.03	B	2012	14	50.8	32.0	100.0	9.1	8.37	0.59	PHS 10B-1TB54
	57	288.19	B	2012	14	50.8	32.0	100.0	9.1	5.45	0.59	PHS 10B-1TB57
	60	303.33	B	2012	14	50.8	32.0	100.0	9.1	10.05	0.59	PHS 10B-1TB60
	70	353.84	B	2012	16	63.5	45.0	100.0	9.1	12.85	1.30	PHS 10B-1TB70
	72	363.95	B	2012	16	63.5	45.0	100.0	9.1	13.41	1.30	PHS 10B-1TB72
	76	384.15	B	2012	14	50.8	45.0	100.0	9.1	7.43	0.59	PHS 10B-1TB76
	80	404.35	B	2012	16	63.5	45.0	110.0	9.1	15.65	1.30	PHS 10B-1TB80
	84	424.70	B	2012	16	63.5	45.0	110.0	9.1	16.77	1.30	PHS 10B-1TB84
	95	480.14	B	2517	14	50.8	45.0	110.0	9.1	19.85	0.59	PHS 10B-1TB95
	96	485.30	B	2517	16	63.5	45.0	110.0	9.1	20.13	1.30	PHS 10B-1TB96
	114	576.13	B	2517	16	63.5	45.0	110.0	9.1	25.17	1.30	PHS 10B-1TB114
19.05	11	67.61	B	1008	9	25.4	22.0	46.0	11.10	0.22	0.09	PHS 12B-1TBH11
	12	73.61	B	1008	9	25.4	22.0	49.2	11.10	0.30	0.09	PHS 12B-1TBH12
	13	79.59	B	1210	11	31.8	25.0	60.0	11.10	0.38	0.21	PHS 12B-1TBH13
	14	85.61	B	1610	14	41.3	25.0	70.0	11.10	0.46	0.31	PHS 12B-1TBH14
	15	91.63	B	1610	14	41.3	25.0	70.0	11.10	0.48	0.31	PHS 12B-1TBH15
	16	97.65	B	1610	14	41.3	25.0	75.0	11.10	0.60	0.31	PHS 12B-1TBH16
	17	103.67	B	1610	14	41.3	25.0	76.0	11.10	0.70	0.31	PHS 12B-1TBH17
	18	109.71	B	2012	14	50.8	32.0	90.0	11.10	0.86	0.59	PHS 12B-1TBH18
	19	115.75	B	2012	14	50.8	32.0	90.0	11.10	0.98	0.59	PHS 12B-1TBH19
	20	121.78	B	2012	14	50.8	32.0	95.0	11.10	1.25	0.59	PHS 12B-1TBH20
	21	127.82	B	2517	16	63.5	45.0	102.0	11.10	1.28	1.30	PHS 12B-1TBH21
	22	133.86	B	2517	16	63.5	45.0	102.0	11.10	1.37	1.30	PHS 12B-1TBH22
	23	139.90	B	2517	16	63.5	45.0	108.0	11.10	1.75	1.30	PHS 12B-1TBH23
	24	145.94	B	2517	16	63.5	45.0	108.0	11.10	1.85	1.30	PHS 12B-1TBH24
	25	152.00	B	2517	16	63.5	45.0	108.0	11.10	1.95	1.30	PHS 12B-1TBH25
	26	158.04	B	2517	16	63.5	45.0	108.0	11.10	2.09	1.30	PHS 12B-1TB26
	27	164.09	B	2517	16	63.5	45.0	108.0	11.10	2.22	1.30	PHS 12B-1TB27
	28	170.13	B	2517	16	63.5	45.0	108.0	11.10	2.36	1.30	PHS 12B-1TB28
	29	176.19	B	2517	16	63.5	45.0	108.0	11.10	2.75	1.30	PHS 12B-1TB29
	30	182.25	B	2517	16	63.5	45.0	108.0	11.10	2.89	1.30	PHS 12B-1TB30
	32	194.36	B	2517	16	63.5	45.0	108.0	11.10	3.59	1.30	PHS 12B-1TB32
	35	212.52	B	2517	16	63.5	45.0	108.0	11.10	4.41	1.30	PHS 12B-1TB35
	36	218.58	B	2517	16	63.5	45.0	108.0	11.10	4.68	1.30	PHS 12B-1TB36
	38	230.69	B	2517	16	63.5	45.0	108.0	11.10	4.60	1.30	PHS 12B-1TB38

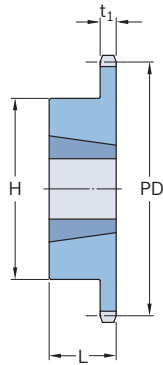
¹⁾ Undercut in hub for chain clearance

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.

For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1TBH16.

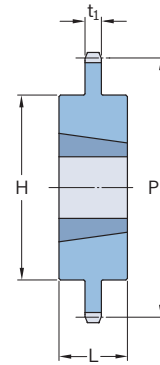
Metric sprockets, simplex, taper bushed

ISO 12B-1 · 19.05 mm pitch | ISO 16B-1 · 25.40 mm pitch



Type B

Note: "H" mounted bushing illustrated



Type C

Pitch	Number of teeth	Pitch diameter PD	Type	Bushing number	Dimensions		L	H	Plate thickness t ₁	Mass Rim	Bushing	Designation
					Min.	Max.						
mm	—	mm	—	—	mm					kg		—
19.05	40	242.81	B	2517	16	63.5	45.0	108.0	11.10	5.78	1.30	PHS 12B-1TB40
	42	254.93	B	2517	16	63.5	45.0	108.0	11.10	6.33	1.30	PHS 12B-1TB42
	45	273.10	B	2517	16	63.5	45.0	108.0	11.10	5.70	1.30	PHS 12B-1TB45
	48	291.27	B	2517	16	63.5	45.0	108.0	11.10	7.97	1.30	PHS 12B-1TB48
	54	327.64	B	2517	16	63.5	45.0	108.0	11.10	9.61	1.30	PHS 12B-1TB54
	57	345.81	B	2517	16	63.5	45.0	108.0	11.10	6.49	1.30	PHS 12B-1TB57
	60	363.99	B	2517	16	63.5	45.0	108.0	11.10	11.25	1.30	PHS 12B-1TB60
	68	412.49	B	2517	16	63.5	45.0	108.0	11.10	13.44	1.30	PHS 12B-1TB68
	70	424.60	B	2517	16	63.5	45.0	108.0	11.10	13.99	1.30	PHS 12B-1TB70
	72	436.74	B	2517	16	63.5	45.0	108.0	11.10	14.54	1.30	PHS 12B-1TB72
	76	460.99	B	2517	16	63.5	45.0	108.0	11.10	11.20	1.30	PHS 12B-1TB76
	84	509.48	B	2517	16	63.5	45.0	108.0	11.10	17.82	1.30	PHS 12B-1TB84
	95	576.17	B	2517	16	63.5	45.0	108.0	11.10	17.64	1.30	PHS 12B-1TB95
	96	582.23	B	2517	16	63.5	45.0	108.0	11.10	21.11	1.30	PHS 12B-1TB96
	114	691.36	B	2517	16	63.5	64.0	108.0	11.10	26.04	1.30	PHS 12B-1TB114
25.40	10	82.19	B	1215	11	31.8	38.0	62.7	16.20	0.34	0.30	PHS 16B-1TBH10
	11	90.14	B	1215	11	31.8	38.0	62.7	16.20	0.57	0.30	PHS 16B-1TBH11
	12	98.14	B	1615	14	41.3	38.0	76.2	16.20	0.81	0.43	PHS 16B-1TBH12
	13	106.12	B	1615	14	41.3	38.0	73.0	16.20	1.03	0.43	PHS 16B-1TBH13
	14	114.15	B	1615	14	41.3	38.0	78.0	16.20	1.26	0.43	PHS 16B-1TBH14
	15	122.17	B	1615	14	41.3	38.0	76.0	16.20	1.40	0.43	PHS 16B-1TBH15
	16	130.20	B	2012	14	50.8	32.0	90.0	16.20	1.42	0.59	PHS 16B-1TBH16
	17	138.22	B	2012	14	50.8	32.0	90.0	16.20	1.60	0.59	PHS 16B-1TBH17
	18	146.28	B	2517	16	63.5	45.0	108.0	16.20	2.09	1.30	PHS 16B-1TBH18
	19	154.33	B	2517	16	63.5	45.0	108.0	16.20	2.30	1.30	PHS 16B-1TBH19
	20	162.38	B	2517	16	63.5	45.0	110.0	16.20	2.56	1.30	PHS 16B-1TBH20
	21	170.43	B	2517	16	63.5	45.0	110.0	16.20	2.80	1.30	PHS 16B-1TBH21
	22	178.48	B	2517	16	63.5	45.0	110.0	16.20	3.36	1.30	PHS 16B-1TBH22
	23	186.53	B	2517	16	63.5	45.0	110.0	16.20	3.34	1.30	PHS 16B-1TBH23
	24	194.59	B	2517	16	63.5	45.0	110.0	16.20	3.66	1.30	PHS 16B-1TBH24
	25	202.66	B	2517	16	63.5	45.0	110.0	16.20	3.96	1.30	PHS 16B-1TBH25
	26	210.72	B	2517	16	63.5	45.0	110.0	16.20	4.26	1.30	PHS 16B-1TB26
	27	218.79	B	2517	16	63.5	45.0	110.0	16.20	4.63	1.30	PHS 16B-1TB27
	28	226.85	B	2517	16	63.5	45.0	140.0	16.20	4.97	1.30	PHS 16B-1TB28
	29	234.92	B	3020	25	76.2	51.0	140.0	16.20	6.24	2.24	PHS 16B-1TB29
	30	243.00	B	3020	25	76.2	51.0	140.0	16.20	6.67	2.24	PHS 16B-1TB30
	32	259.13	B	3020	25	76.2	51.0	140.0	16.20	8.37	2.24	PHS 16B-1TB32
	35	283.36	B	3020	25	76.2	51.0	140.0	16.20	10.92	2.24	PHS 16B-1TB35
	36	291.44	B	3020	25	76.2	51.0	140.0	16.20	11.77	2.24	PHS 16B-1TB36
	38	307.59	B	3020	25	76.2	51.0	140.0	16.20	9.49	2.24	PHS 16B-1TB38
	40	323.75	B	3020	25	76.2	51.0	140.0	16.20	15.17	2.24	PHS 16B-1TB40
	45	364.13	B	3020	25	76.2	51.0	140.0	16.20	11.70	2.24	PHS 16B-1TB45
	48	388.36	B	3020	25	76.2	51.0	140.0	16.20	18.91	2.24	PHS 16B-1TB48
	54	436.85	B	3020	25	76.2	51.0	140.0	16.20	21.72	2.24	PHS 16B-1TB54
	57	461.07	B	3020	25	76.2	51.0	140.0	16.20	15.00	2.24	PHS 16B-1TB57
	60	485.32	B	3020	25	76.2	51.0	140.0	16.20	24.52	2.24	PHS 16B-1TB60
	64	517.65	B	3020	25	76.2	51.0	140.0	16.20	26.39	2.24	PHS 16B-1TB64
	70	566.14	B	3020	25	76.2	51.0	140.0	16.20	29.20	2.24	PHS 16B-1TB70
	76	614.65	B	3020	25	76.2	51.0	140.0	16.20	23.00	2.24	PHS 16B-1TB76
	80	646.96	B	3020	25	76.2	51.0	140.0	16.20	33.87	2.24	PHS 16B-1TB80
	84	679.30	B	3020	25	76.2	51.0	140.0	16.20	35.74	2.24	PHS 16B-1TB84
	95	768.22	B	3020	25	76.2	51.0	140.0	16.20	40.88	2.24	PHS 16B-1TB95
	114	921.81	B	3020	25	76.2	76.0	140.0	16.20	49.77	2.24	PHS 16B-1TB114

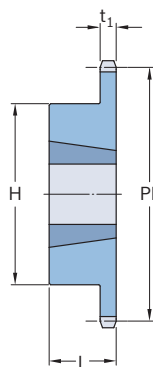
Metric sprockets, simplex, taper bushed
ISO 20B-1 · 31.75 mm pitch | ISO 24B-1 · 38.10 mm pitch

Pitch	Number of teeth	Pitch diameter PD	Type	Bushing number	Dimensions Bore		L	H	Plate thickness t ₁	Mass Rim	Bushing	Designation
					Min.	Max.						
mm	–	mm	–	–	mm					kg		–
31.75	11	112.70	B	1615	14	41.3	38.0	62.7	18.20	1.22	0.43	PHS 20B-1TBH11
	12	122.67	B	1615	14	41.3	38.0	70.6	18.20	1.41	0.43	PHS 20B-1TBH12
	13	132.67	B	2012	14	50.8	32.0	90.0	18.20	1.45	0.59	PHS 20B-1TBH13
	14	142.68	B	2012	14	50.8	32.0	90.5	18.20	1.63	0.59	PHS 20B-1TBH14
	15	152.71	B	2517	16	63.5	45.0	108.0	18.20	2.31	1.30	PHS 20B-1TBH15
	16	162.75	B	2517	16	63.5	45.0	108.0	18.20	2.72	1.30	PHS 20B-1TBH16
	17	172.79	B	2517	16	63.5	45.0	108.0	18.20	3.27	1.30	PHS 20B-1TBH17
	18	182.84	B	2517	16	63.5	45.0	108.0	18.20	3.63	1.30	PHS 20B-1TBH18
	19	192.90	B	2517	16	63.5	45.0	108.0	18.20	4.09	1.30	PHS 20B-1TBH19
	20	202.96	B	2517	16	63.5	45.0	108.0	18.20	4.40	1.30	PHS 20B-1TBH20
	21	213.03	B	2517	16	63.5	45.0	108.0	18.20	4.54	1.30	PHS 20B-1TBH21
	22	223.10	B	2517	16	63.5	45.0	108.0	18.20	4.77	1.30	PHS 20B-1TBH22
	23	233.17	B	2517	16	63.5	45.0	108.0	18.20	5.58	1.30	PHS 20B-1TBH23
	24	243.25	B	2517	16	63.5	45.0	108.0	18.20	6.13	1.30	PHS 20B-1TBH24
	25	253.32	B	2517	16	63.5	45.0	108.0	18.20	6.95	1.30	PHS 20B-1TBH25
	26	263.41	B	2517	16	63.5	51.0	108.0	18.20	7.35	1.30	PHS 20B-1TB26
	28	283.57	B	3020	25	76.2	51.0	150.0	18.20	7.90	2.24	PHS 20B-1TB28
	30	303.75	B	3020	25	76.2	51.0	150.0	18.20	9.62	2.24	PHS 20B-1TB30
	32	323.92	B	3020	25	76.2	51.0	160.0	18.20	11.03	2.24	PHS 20B-1TB32
	35	354.20	B	3020	25	76.2	51.0	160.0	18.20	13.15	2.24	PHS 20B-1TB35
	36	364.29	B	3020	25	76.2	51.0	160.0	18.20	13.86	2.24	PHS 20B-1TB36
	38	384.48	B	3020	25	76.2	51.0	160.0	18.20	15.98	2.24	PHS 20B-1TB38
	40	404.67	B	3020	25	76.2	51.0	160.0	18.20	19.43	2.24	PHS 20B-1TB40
	45	455.15	B	3020	25	76.2	51.0	160.0	18.20	25.18	2.24	PHS 20B-1TB45
	48	485.45	B	3020	25	76.2	51.0	160.0	18.20	28.62	2.24	PHS 20B-1TB48
	54	546.05	B	3020	25	76.2	51.0	160.0	18.20	35.52	2.24	PHS 20B-1TB54
	57	576.35	B	3020	25	76.2	51.0	160.0	18.20	37.82	2.24	PHS 20B-1TB57
	60	606.66	B	3020	25	76.2	51.0	160.0	18.20	41.27	2.24	PHS 20B-1TB60
	70	707.68	C	3535	35	88.9	51.0	160.0	18.20	51.56	5.18	PHS 20B-1TB70
	72	727.89	C	3535	35	88.9	51.0	160.0	18.20	53.97	5.18	PHS 20B-1TB72
	76	768.30	C	3535	35	88.9	51.0	160.0	18.20	60.33	5.18	PHS 20B-1TB76
	80	808.71	C	3535	35	88.9	51.0	160.0	18.20	66.23	5.18	PHS 20B-1TB80
	84	849.13	C	3535	35	88.9	51.0	160.0	18.20	73.48	5.18	PHS 20B-1TB84
	90	909.76	C	3535	35	88.9	51.0	160.0	18.20	94.33	5.18	PHS 20B-1TB90
	95	960.28	C	3535	35	88.9	51.0	160.0	18.20	96.16	5.18	PHS 20B-1TB95
38.10	11	135.23	B	2012	14	50.8	31.8	90.5	24.13	2.28	0.59	PHS 24B-1TBH11
	12	147.21	B	2012	14	50.8	31.8	90.5	24.13	2.49	0.59	PHS 24B-1TBH12
	13	159.20	B	2517	16	63.5	44.5	107.9	24.13	2.77	1.30	PHS 24B-1TBH13
	14	171.22	B	2517	16	63.5	44.5	107.9	24.13	3.54	1.30	PHS 24B-1TBH14
	15	183.25	B	2517	16	63.5	44.5	107.9	24.13	4.31	1.30	PHS 24B-1TBH15
	16	195.29	B	3020	25	76.2	50.8	133.4	24.13	4.77	2.24	PHS 24B-1TBH16
	17	207.35	B	3020	25	76.2	50.8	133.4	24.13	5.45	2.24	PHS 24B-1TBH17
	18	219.41	B	3020	25	76.2	50.8	133.4	24.13	6.13	2.24	PHS 24B-1TBH18
	19	231.48	B	3020	25	76.2	50.8	133.4	24.13	6.81	2.24	PHS 24B-1TBH19
	20	243.55	B	3020	25	76.2	50.8	133.4	24.13	7.49	2.24	PHS 24B-1TBH20
	21	255.63	B	3020	25	76.2	50.8	133.4	24.13	7.94	2.24	PHS 24B-1TBH21
	22	267.72	B	3020	25	76.2	50.8	133.4	24.13	8.75	2.24	PHS 24B-1TBH22
	23	279.80	B	3020	25	76.2	50.8	133.4	24.13	9.53	2.24	PHS 24B-1TBH23
	24	291.90	B	3020	25	76.2	50.8	133.4	24.13	10.67	2.24	PHS 24B-1TBH24
	25	303.99	B	3020	25	76.2	50.8	133.4	24.13	11.80	2.24	PHS 24B-1TBH25
	26	316.09	B	3020	25	76.2	50.8	133.4	24.13	12.93	2.24	PHS 24B-1TB26
	27	328.19	B	3020	25	76.2	50.8	133.4	24.13	13.50	2.24	PHS 24B-1TB27
	28	340.29	B	3020	25	76.2	50.8	133.4	24.13	14.70	2.24	PHS 24B-1TB28
	29	352.29	B	3020	25	76.2	50.8	133.4	24.13	14.75	2.24	PHS 24B-1TB29
	30	364.49	B	3020	25	76.2	50.8	133.4	24.13	15.20	2.24	PHS 24B-1TB30
	32	388.71	B	3020	25	76.2	50.8	133.4	24.13	15.76	2.24	PHS 24B-1TB32
	38	461.37	B	3030	35	76.2	76.2	139.7	24.13	24.97	3.04	PHS24B-1TB38
	40	485.60	C	3030	35	76.2	76.2	139.7	24.13	28.46	3.04	PHS 24B-1TB40
	42	509.83	C	3030	35	76.2	76.2	139.7	24.13	31.95	3.04	PHS 24B-1TB42
	45	546.19	C	3030	35	76.2	76.2	139.7	24.13	37.19	3.04	PHS 24B-1TB45
	48	582.54	C	3030	35	76.2	76.2	139.7	24.13	42.43	3.04	PHS 24B-1TB48
	50	606.78	C	3030	35	76.2	76.2	139.7	24.13	45.92	3.04	PHS 24B-1TB50
	54	655.26	C	3535	35	88.9	88.9	165.1	24.13	63.32	5.18	PHS 24B-1TB54
	57	691.62	C	3535	35	88.9	88.9	165.1	24.13	71.46	5.18	PHS 24B-1TB57
	60	727.99	C	3535	35	88.9	88.9	165.1	24.13	79.60	5.18	PHS 24B-1TB60
	68	824.97	C	3535	35	88.9	88.9	165.1	24.13	101.31	5.18	PHS 24B-1TB68
	72	873.46	C	3535	35	88.9	88.9	165.1	24.13	112.17	5.18	PHS 24B-1TB72
	76	921.96	C	3535	35	88.9	88.9	165.1	24.13	123.02	5.18	PHS 24B-1TB76
	95	1152.33	C	4040	40	101.6	101.6	196.9	24.13	196.67	8.27	PHS 24B-1TB95
	96	1164.46	C	4040	40	101.6	101.6	196.9	24.13	201.03	8.27	PHS 24B-1TB96
	114	1382.72	C	4040	40	101.6	101.6	196.9	24.13	279.50	8.27	PHS 24B-1TB114

¹⁾ Undercut in hub for chain clearance
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1TBH16.

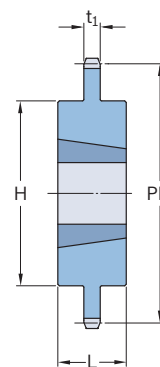
Metric sprockets, simplex, taper bushed

ISO 28B-1 · 44.45 mm pitch | ISO 32B-1 · 50.80 mm pitch



Type B

Note: "H" mounted bushing illustrated



Type C

Pitch	Number of teeth	Pitch diameter PD	Type	Bushing number	Dimensions		L	H	Plate thickness t ₁	Mass Rim	Bushing	Designation
					Min.	Max.						
mm	—	mm	—	—	mm					kg		—
44.45	11	157.77	B	2517	16	63.5	44.5	107.9	29.44	3.53	1.30	PHS 28B-1TBH11
	12	171.74	B	2517	16	63.5	44.5	107.9	29.44	3.86	1.30	PHS 28B-1TBH12
	13	185.75	B	3020	25	76.2	50.8	133.4	29.44	5.90	2.24	PHS 28B-1TBH13
	14	199.76	B	3020	25	76.2	50.8	133.4	29.44	7.04	2.24	PHS 28B-1TBH14
	15	213.79	B	3020	25	76.2	50.8	133.4	29.44	8.17	2.24	PHS 28B-1TBH15
	16	227.84	B	3020	25	76.2	50.8	133.4	29.44	9.76	2.24	PHS 28B-1TBH16
	17	241.91	B	3020	25	76.2	50.8	133.4	29.44	11.35	2.24	PHS 28B-1TBH17
	18	255.98	B	3020	25	76.2	50.8	133.4	29.44	12.49	2.24	PHS 28B-1TBH18
	19	270.06	B	3020	25	76.2	50.8	133.4	29.44	13.62	2.24	PHS 28B-1TBH19
	20	284.15	B	3020	25	76.2	50.8	133.4	29.44	14.30	2.24	PHS 28B-1TBH20
	21	298.24	B	3020	25	76.2	50.8	133.4	29.44	14.98	2.24	PHS 28B-1TBH21
	22	312.34	B	3020	25	76.2	50.8	133.4	29.44	16.91	2.24	PHS 28B-1TBH22
	23	326.44	B	3020	25	76.2	50.8	133.4	29.44	18.84	2.24	PHS 28B-1TBH23
	24	340.55	B	3020	25	76.2	50.8	133.4	29.44	20.77	2.24	PHS 28B-1TBH24
	25	354.66	B	3020	25	76.2	50.8	133.4	29.44	22.70	2.24	PHS 28B-1TBH25
	26	368.77	B	3020	25	76.2	50.8	133.4	29.44	24.63	2.24	PHS 28B-1TB26
	27	382.88	B	3020	25	76.2	50.8	133.4	29.44	26.56	2.24	PHS 28B-1TB27
	28	397.00	B	3020	25	76.2	50.8	133.4	29.44	28.49	2.24	PHS 28B-1TB28
	30	425.24	B	3020	25	76.2	50.8	133.4	29.44	32.35	2.24	PHS 28B-1TB30
	32	453.49	B	3020	25	76.2	50.8	133.4	29.44	36.21	2.24	PHS 28B-1TB32
	38	538.27	B	3535	35	88.9	88.9	165.1	29.44	45.40	3.56	PHS 28B-1TB38
	40	566.54	C	3535	35	88.9	88.9	165.1	29.44	47.79	3.56	PHS 28B-1TB40
	42	594.82	C	3535	35	88.9	88.9	165.1	29.44	50.18	3.56	PHS 28B-1TB42
	45	637.22	C	4040	40	101.6	101.6	219.1	29.44	57.35	8.27	PHS 28B-1TB45
	48	679.63	C	4040	40	101.6	101.6	219.1	29.44	61.17	8.27	PHS 28B-1TB48
	54	764.46	C	4040	40	101.6	101.6	219.1	29.44	68.82	8.27	PHS 28B-1TB54
	57	806.90	C	4040	40	101.6	101.6	219.1	29.44	72.64	8.27	PHS 28B-1TB57
	60	849.32	C	4040	40	101.6	101.6	219.1	29.44	76.44	8.27	PHS 28B-1TB60
	68	962.46	C	4040	40	101.6	101.6	219.1	29.44	86.63	8.27	PHS 28B-1TB68
	72	1 019.05	C	4040	40	101.6	101.6	219.1	29.44	91.73	8.27	PHS 28B-1TB72
	76	1 075.62	C	4040	40	101.6	101.6	219.1	29.44	96.83	8.27	PHS 28B-1TB76
	95	1 344.37	C	4040	40	101.6	101.6	219.1	29.44	121.03	8.27	PHS 28B-1TB95
50.80	11	180.34	B	2517	16	63.5	44.5	107.9	29.44	4.51	1.30	PHS 32B-1TBH11
	12	196.29	B	3020	25	76.2	50.8	133.4	29.44	5.27	2.24	PHS 32B-1TBH12
	13	212.29	B	3020	25	76.2	50.8	133.4	29.44	6.38	2.24	PHS 32B-1TBH13
	14	228.29	B	3020	25	76.2	50.8	133.4	29.44	6.87	2.24	PHS 32B-1TBH14
	15	244.30	B	3535	35	88.9	88.9	165.1	29.44	11.80	5.18	PHS 32B-1TBH15
	16	260.40	B	3535	35	88.9	88.9	165.1	29.44	13.38	5.18	PHS 32B-1TBH16
	17	276.40	B	3535	35	88.9	88.9	165.1	29.44	14.98	5.18	PHS 32B-1TBH17
	18	292.55	B	3535	35	88.9	88.9	165.1	29.44	16.12	5.18	PHS 32B-1TBH18
	19	308.66	B	3535	35	88.9	88.9	165.1	29.44	17.25	5.18	PHS 32B-1TBH19
	20	324.71	B	3535	35	88.9	88.9	165.1	29.44	21.10	5.18	PHS 32B-1TBH20
	21	340.82	B	3535	35	88.9	88.9	165.1	29.44	24.94	5.18	PHS 32B-1TBH21
	22	356.98	B	3535	35	88.9	88.9	165.1	29.44	27.79	5.18	PHS 32B-1TBH22
	23	373.08	B	3535	35	88.9	88.9	165.1	29.44	30.64	5.18	PHS 32B-1TBH23
	24	389.18	B	3535	35	88.9	88.9	165.1	29.44	33.48	5.18	PHS 32B-1TBH24
	25	405.33	B	3535	35	88.9	88.9	165.1	29.44	36.32	5.18	PHS 32B-1TBH25
	26	421.44	B	3535	35	88.9	88.9	165.1	29.44	39.16	5.18	PHS 32B-1TB26
	27	437.59	B	3535	35	88.9	88.9	165.1	29.44	42.00	5.18	PHS 32B-1TB27
	28	453.69	B	3535	35	88.9	88.9	165.1	29.44	44.84	5.18	PHS 32B-1TB28
	30	486.00	B	3535	35	88.9	88.9	165.1	29.44	50.52	5.18	PHS 32B-1TB30
	32	518.26	B	3535	35	88.9	88.9	165.1	29.44	56.20	5.18	PHS 32B-1TB32

¹⁾ Undercut in hub for chain clearance

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.

For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1TBH16.

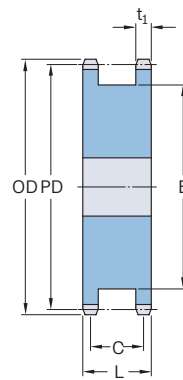
Metric sprockets, simplex, taper bushed
ISO 32B-1 · 50.80 mm pitch

Pitch	Number of teeth	Pitch diameter PD	Type	Bushing number	Dimensions Bore		L	H	Plate thickness t ₁	Mass Rim	Bushing	Designation
					Min.	Max.						
mm	–	mm	–	–	mm					kg		–
50.80	38	615.14	B	4040	40	101.6	101.6	219.1	29.44	68.10	8.27	PHS 32B-1TB38
	40	647.49	C	4040	40	101.6	101.6	219.1	29.44	77.08	8.27	PHS 32B-1TB40
	45	728.26	C	4040	40	101.6	101.6	219.1	29.44	99.53	8.27	PHS 32B-1TB45
	48	776.72	C	4040	40	101.6	101.6	219.1	29.44	113.01	8.27	PHS 32B-1TB48
	54	873.68	C	4040	40	101.6	114.3	219.1	29.44	139.95	8.27	PHS 32B-1TB54
	57	922.17	C	4545	55	114.3	114.3	247.7	29.44	136.20	9.99	PHS 32B-1TB57
	60	970.63	C	4545	55	114.3	114.3	247.7	29.44	158.84	9.99	PHS 32B-1TB60
	64	1035.30	C	4545	55	114.3	114.3	247.7	29.44	189.03	9.99	PHS 32B-1TB64
	70	1132.29	C	4545	55	114.3	114.3	247.7	29.44	234.32	9.99	PHS 32B-1TB70

¹⁾ Undercut in hub for chain clearance
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 08B-1TBH16.

Metric sprockets, double simplex, pilot bore

ISO 06B-1 · 9.525 mm pitch | ISO 08B-1 · 12.70 mm pitch | ISO 10B-1 · 15.88 mm pitch | ISO 12B-1 · 19.05 mm pitch



Type A

Pitch	Number of teeth	Diameters Outside	Pitch	Type	Dimensions Bore		L	C	E	Plate thickness t ₁	Mass	Designation
		OD	PD		Min.	Max.						
mm	–	mm	–	–	mm						kg	–
9.525	14	46.30	42.80	A	10	20.00	25.61	20.3	31	5.31	0.17	PHS 06B-1DSA14
	15	49.30	45.81	A	10	23.00	25.61	20.3	34	5.31	0.20	PHS 06B-1DSA15
	16	52.30	48.82	A	10	25.00	25.61	20.3	37	5.31	0.23	PHS 06B-1DSA16
	17	55.30	51.83	A	12	27.00	25.61	20.3	40	5.31	0.27	PHS 06B-1DSA17
	18	58.30	54.85	A	12	29.00	25.61	20.3	43	5.31	0.30	PHS 06B-1DSA18
	19	61.30	57.87	A	12	31.00	25.61	20.3	46	5.31	0.35	PHS 06B-1DSA19
	20	64.30	60.89	A	12	33.00	25.61	20.3	48	5.31	0.39	PHS 06B-1DSA20
	21	68.00	63.91	A	15	35.00	25.61	20.3	52	5.31	0.44	PHS 06B-1DSA21
	22	71.00	66.93	A	15	36.00	25.61	20.3	55	5.31	0.50	PHS 06B-1DSA22
	23	73.50	69.95	A	15	38.00	25.61	20.3	59	5.31	0.55	PHS 06B-1DSA23
12.70	24	77.00	72.97	A	15	40.00	25.61	20.3	61	5.31	0.61	PHS 06B-1DSA24
	25	80.00	76.02	A	15	43.00	25.61	20.3	65	5.31	0.67	PHS 06B-1DSA25
	12	53.00	49.07	A	10	24.00	32.0	24.8	35	7.20	0.35	PHS 08B-1DSA12
	13	57.40	53.06	A	10	26.00	32.0	24.8	37	7.20	0.41	PHS 08B-1DSA13
	14	61.80	57.07	A	10	27.00	32.0	24.8	41	7.20	0.49	PHS 08B-1DSA14
	15	65.50	61.09	A	10	30.00	32.0	24.8	45	7.20	0.55	PHS 08B-1DSA15
	16	69.50	65.10	A	12	34.00	32.0	24.8	50	7.20	0.64	PHS 08B-1DSA16
	17	73.60	69.11	A	12	36.00	32.0	24.8	53	7.20	0.73	PHS 08B-1DSA17
	18	77.80	73.14	A	12	38.00	32.0	24.8	58	7.20	0.82	PHS 08B-1DSA18
	19	81.70	77.16	A	12	41.00	32.0	24.8	62	7.20	1.00	PHS 08B-1DSA19
15.88	20	85.80	81.18	A	12	44.00	32.0	24.8	66	7.20	1.18	PHS 08B-1DSA20
	21	89.70	85.22	A	15	46.00	32.0	24.8	70	7.20	1.32	PHS 08B-1DSA21
	22	93.80	89.24	A	15	48.00	32.0	24.8	74	7.20	1.36	PHS 08B-1DSA22
	23	98.20	93.27	A	15	52.00	32.0	24.8	78	7.20	1.59	PHS 08B-1DSA23
	24	101.80	97.29	A	15	54.00	32.0	24.8	82	7.20	1.70	PHS 08B-1DSA24
	25	105.80	101.33	A	15	57.00	32.0	24.8	86	7.20	1.82	PHS 08B-1DSA25
	12	68.00	61.34	A	15	30.00	37.0	27.9	45	9.10	0.59	PHS 10B-1DSA12
	13	73.00	66.32	A	15	34.00	37.0	27.9	48	9.10	0.70	PHS 10B-1DSA13
	14	78.00	71.34	A	15	36.00	37.0	27.9	55	9.10	0.83	PHS 10B-1DSA14
	15	83.00	76.36	A	15	40.00	37.0	27.9	58	9.10	0.95	PHS 10B-1DSA15
19.05	16	88.00	81.37	A	15	42.00	37.0	27.9	64	9.10	1.09	PHS 10B-1DSA16
	17	93.00	86.39	A	15	44.00	37.0	27.9	68	9.10	1.32	PHS 10B-1DSA17
	18	98.00	91.42	A	15	47.00	37.0	27.9	73	9.10	1.50	PHS 10B-1DSA18
	19	103.30	96.45	A	19	52.00	37.0	27.9	79	9.10	1.68	PHS 10B-1DSA19
	20	108.40	101.49	A	19	57.00	37.0	27.9	83	9.10	1.91	PHS 10B-1DSA20
	21	113.40	106.52	A	19	57.00	37.0	27.9	89	9.10	2.18	PHS 10B-1DSA21
	22	118.00	111.55	A	19	61.00	37.0	27.9	93	9.10	2.41	PHS 10B-1DSA22
	23	123.40	116.58	A	19	65.00	37.0	27.9	99	9.10	2.64	PHS 10B-1DSA23
	24	128.30	121.62	A	19	69.00	37.0	27.9	103	9.10	2.86	PHS 10B-1DSA24
	25	134.00	126.66	A	19	72.00	37.0	27.9	109	9.10	3.16	PHS 10B-1DSA25
19.05	12	81.50	73.61	A	20	35.00	45.0	33.9	53	11.10	1.08	PHS 12B-1DSA12
	13	87.50	79.59	A	20	38.00	45.0	33.9	59	11.10	1.29	PHS 12B-1DSA13
	14	93.60	85.62	A	20	42.00	45.0	33.9	65	11.10	1.52	PHS 12B-1DSA14
	15	99.80	91.61	A	20	38.00	45.0	33.9	71	11.10	1.73	PHS 12B-1DSA15
	16	105.50	97.63	A	20	46.00	45.0	33.9	77	11.10	2.09	PHS 12B-1DSA16
	17	111.50	103.67	A	20	55.00	45.0	33.9	71	11.10	2.41	PHS 12B-1DSA17
	18	118.00	109.71	A	20	58.00	45.0	33.9	88	11.10	2.95	PHS 12B-1DSA18
	19	124.20	115.75	A	20	62.00	45.0	33.9	71	11.10	3.09	PHS 12B-1DSA19
	20	129.70	121.78	A	24	65.00	45.0	33.9	100	11.10	3.30	PHS 12B-1DSA20
	21	136.00	127.82	A	24	70.00	45.0	33.9	71	11.10	3.62	PHS 12B-1DSA21

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-1DSAH14.

Metric sprockets, double simplex, pilot bore

ISO 12B-1 · 19.05 mm pitch | ISO 16B-1 · 25.40 mm pitch | ISO 20B-1 · 31.75 mm pitch

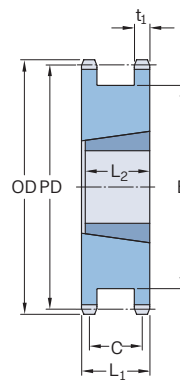
Pitch	Number of teeth	Diameters Outside	Pitch	Type	Dimensions Bore		L	C	E	Plate thickness t ₁	Mass	Designation
		OD	PD		Min.	Max.						
mm	–	mm		–	mm						kg	–
19.05	22	141.80	133.86	A	24	73.00	45.0	33.9	112	11.10	4.00	PHS 12B-1DSA22
	23	149.00	139.90	A	24	77.00	45.0	33.9	71	11.10	4.60	PHS 12B-1DSA23
	24	153.90	145.94	A	24	81.00	45.0	33.9	124	11.10	4.95	PHS 12B-1DSA24
	25	160.30	151.94	A	24	85.00	45.0	33.9	71	11.10	5.30	PHS 12B-1DSA25
25.40	12	109.00	98.14	A	24	46.00	64.0	47.8	72	16.20	2.48	PHS 16B-1DSA12
	13	117.00	106.12	A	24	50.00	64.0	47.8	78	16.20	3.09	PHS 16B-1DSA13
	14	125.00	114.15	A	24	57.00	64.0	47.8	84	16.20	3.70	PHS 16B-1DSA14
	15	133.00	122.17	A	24	60.00	64.0	47.8	95	16.20	4.35	PHS 16B-1DSA15
	16	141.00	130.20	A	24	68.00	64.0	47.8	101	16.20	5.00	PHS 16B-1DSA16
	17	149.00	138.22	A	24	71.00	64.0	47.8	111	16.20	5.75	PHS 16B-1DSA17
	18	157.00	146.28	A	24	79.00	64.0	47.8	117	16.20	6.50	PHS 16B-1DSA18
	19	165.20	154.33	A	24	82.00	64.0	47.8	127	16.20	7.40	PHS 16B-1DSA19
	20	173.20	162.38	A	24	88.00	64.0	47.8	134	16.20	8.30	PHS 16B-1DSA20
	21	181.20	170.43	A	24	95.00	64.0	47.8	143	16.20	9.20	PHS 16B-1DSA21
	22	189.30	178.48	A	24	100.00	64.0	47.8	151	16.20	10.15	PHS 16B-1DSA22
	23	197.50	186.59	A	24	107.00	64.0	47.8	160	16.20	11.20	PHS 16B-1DSA23
	24	205.50	194.59	A	24	111.00	64.0	47.8	168	16.20	12.80	PHS 16B-1DSA24
	25	213.50	202.66	A	24	115.00	64.0	47.8	176	16.20	14.40	PHS 16B-1DSA25
31.75	13	147.83	132.66	A	25	63.50	68.3	49.8	96	18.50	5.09	PHS 20B-1DSA13
	14	158.24	142.67	A	25	69.85	68.3	49.8	106	18.50	6.14	PHS 20B-1DSA14
	15	168.40	152.70	A	32	77.79	68.3	49.8	116	18.50	7.64	PHS 20B-1DSA15
	16	178.56	162.74	A	32	82.55	68.3	49.8	114	18.50	8.77	PHS 20B-1DSA16
	17	188.98	172.80	A	32	92.08	68.3	49.8	124	18.50	9.77	PHS 20B-1DSA17
	18	199.14	182.83	A	32	95.25	68.3	49.8	134	18.50	10.45	PHS 20B-1DSA18
	19	209.30	192.91	A	32	106.36	68.3	49.8	157	18.50	11.36	PHS 20B-1DSA19
	20	219.46	202.97	A	32	106.36	68.3	49.8	167	18.50	12.05	PHS 20B-1DSA20
	21	229.62	213.03	A	32	133.35	68.3	49.8	177	18.50	13.18	PHS 20B-1DSA21

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-1DSAH14.

Metric sprockets, double simplex, taper bushed

ISO 06B-1 · 9.525 mm pitch | ISO 08B-1 · 12.70 mm pitch | ISO 10B-1 · 15.88 mm pitch | ISO 12B-1 · 19.05 mm pitch |

ISO 16B-1 · 25.40 mm pitch



Type A

Pitch	Number of teeth	Diameters		Type	Bushing number	Dimensions		L ₁	C	E	L ₂	Plate thickness t ₁	Mass ¹⁾	Designation
		Outside OD	Pitch PD			Min.	Max.							
mm	–	mm	–	–	–	mm	–	–	–	–	–	–	kg	–
9.525	18	58.30	54.85	A	1008	9	25	23.5	18.17	43	22.2	5.31	0.19	PHS 06B-1DSTBH18
	19	61.30	57.87	A	1008	9	25	23.5	18.17	46	22.2	5.31	0.23	PHS 06B-1DSTBH19
	20	64.30	60.89	A	1108	9	28	23.5	18.17	48	22.2	5.31	0.25	PHS 06B-1DSTBH20
	21	68.00	63.91	A	1108	9	28	23.5	18.17	52	22.2	5.31	0.31	PHS 06B-1DSTBH21
	22	71.00	66.93	A	1108	9	28	23.5	18.17	55	22.2	5.31	0.36	PHS 06B-1DSTBH22
	23	73.50	69.95	A	1108	9	28	23.5	18.17	58	22.2	5.31	0.41	PHS 06B-1DSTBH23
	24	77.00	72.97	A	1108	9	28	23.5	18.17	61	22.2	5.31	0.47	PHS 06B-1DSTBH24
	25	80.00	76.02	A	1108	9	28	23.5	18.17	64	22.2	5.31	0.53	PHS 06B-1DSTBH25
	14	61.80	57.07	A	1008	9	25	35.7	28.58	41	22.2	7.20	0.32	PHS 08B-1DSTBH14
	15	65.30	61.09	A	1008	9	25	35.7	28.58	45	22.2	7.20	0.40	PHS 08B-1DSTBH15
12.70	16	69.50	65.10	A	1108	9	28	35.7	28.58	49	22.2	7.20	0.44	PHS 08B-1DSTBH16
	17	73.60	69.11	A	1215	11	32	35.7	28.58	53	38.1	7.20	0.43	PHS 08B-1DSTBH17
	18	77.80	73.14	A	1215	11	32	35.7	28.58	58	38.1	7.20	0.46	PHS 08B-1DSTBH18
	19	81.70	77.15	A	1215	11	32	35.7	28.58	63	38.1	7.20	0.50	PHS 08B-1DSTBH19
	20	85.80	81.18	A	1215	11	32	35.7	28.58	66	38.1	7.20	0.59	PHS 08B-1DSTBH20
	21	89.70	85.22	A	1615	14	42	35.7	28.58	70	38.1	7.20	0.59	PHS 08B-1DSTBH21
	22	93.80	89.24	A	1615	14	42	35.7	28.58	74	38.1	7.20	0.64	PHS 08B-1DSTBH22
	23	98.20	93.27	A	1615	14	42	35.7	28.58	78	38.1	7.20	0.68	PHS 08B-1DSTBH23
	24	101.80	97.29	A	1615	14	42	35.7	28.58	82	38.1	7.20	0.77	PHS 08B-1DSTBH24
	25	105.80	101.33	A	2012	14	50	35.7	28.58	86	31.8	7.20	0.86	PHS 08B-1DSTBH25
15.88	12	68.00	61.34	A	1108	9	28	42.0	33.34	15.88	9.0	9.10	28.00	PHS 10B-1DSTBH12
	13	73.00	66.32	A	1108	9	28	42.0	33.34	15.88	9.0	9.10	28.00	PHS 10B-1DSTBH13
	14	78.00	71.34	A	1108	9	28	42.0	33.34	15.88	9.0	9.10	28.00	PHS 10B-1DSTBH14
	15	83.00	76.36	A	1215	11	32	42.0	33.34	15.88	11.0	9.10	32.00	PHS 10B-1DSTBH15
	16	88.00	81.37	A	1215	11	32	42.0	33.34	15.88	11.0	9.10	32.00	PHS 10B-1DSTBH16
	17	93.00	86.39	A	1615	14	42	42.0	33.34	15.88	14.0	9.10	42.00	PHS 10B-1DSTBH17
	18	98.30	91.42	A	1615	14	42	42.0	33.34	15.88	14.0	9.10	42.00	PHS 10B-1DSTBH18
	19	103.30	96.42	A	1615	14	42	42.0	33.34	15.88	14.0	9.10	42.00	PHS 10B-1DSTBH19
	20	108.40	101.49	A	1615	14	42	42.0	33.34	15.88	14.0	9.10	42.00	PHS 10B-1DSTBH20
	21	113.40	106.52	A	2012	14	50	42.0	33.34	15.88	14.0	9.10	50.00	PHS 10B-1DSTBH21
19.05	22	118.00	111.55	A	2012	14	50	42.0	33.34	15.88	14.0	9.10	50.00	PHS 10B-1DSTBH22
	23	123.40	116.58	A	2012	14	50	42.0	33.34	15.88	14.0	9.10	50.00	PHS 10B-1DSTBH23
	24	128.30	121.62	A	2012	14	50	42.0	33.34	15.88	14.0	9.10	50.00	PHS 10B-1DSTBH24
	25	134.00	126.66	A	2012	14	50	42.0	33.34	15.88	14.0	9.10	50.00	PHS 10B-1DSTBH25
	12	81.50	73.61	A	1215	11	32	49.2	38.10	19.05	11.0	11.10	32.00	PHS 12B-1DSTBH12
	13	87.50	79.59	A	1215	11	32	49.2	38.10	19.05	11.0	11.10	32.00	PHS 12B-1DSTBH13
	14	93.60	85.62	A	1215	11	32	49.2	38.10	19.05	11.0	11.10	32.00	PHS 12B-1DSTBH14
	15	99.80	91.61	A	1615	14	42	49.2	38.10	19.05	14.0	11.10	42.00	PHS 12B-1DSTBH15
	16	105.50	97.63	A	1615	14	42	49.2	38.10	19.05	14.0	11.10	42.00	PHS 12B-1DSTBH16
	17	111.50	103.67	A	1615	14	42	49.2	38.10	19.05	14.0	11.10	42.00	PHS 12B-1DSTBH17
25.40	18	118.00	109.71	A	2012	14	50	49.2	38.10	19.05	14.0	11.10	50.00	PHS 12B-1DSTBH18
	19	124.20	115.75	A	2012	14	50	49.2	38.10	19.05	14.0	11.10	50.00	PHS 12B-1DSTBH19
	20	129.70	121.78	A	2517	16	65	49.2	38.10	19.05	16.0	11.10	65.00	PHS 12B-1DSTBH20
	21	136.00	127.82	A	2517	16	65	49.2	38.10	19.05	16.0	11.10	65.00	PHS 12B-1DSTBH21
	22	141.80	133.86	A	2517	16	65	49.2	38.10	19.05	16.0	11.10	65.00	PHS 12B-1DSTBH22
	23	149.00	139.90	A	2517	16	65	49.2	38.10	19.05	16.0	11.10	65.00	PHS 12B-1DSTBH23
	24	153.90	145.94	A	2517	16	65	49.2	38.10	19.05	16.0	11.10	65.00	PHS 12B-1DSTBH24
	25	160.30	151.94	A	2517	16	65	49.2	38.10	19.05	16.0	11.10	65.00	PHS 12B-1DSTBH25
	12	109.00	98.14	A	1615	14	42	63.5	46.50	72	38.1	16.20	1.92	PHS 16B-1DSTBH12
	13	117.00	106.12	A	1615	14	42	63.5	46.50	80	38.1	16.20	2.53	PHS 16B-1DSTBH13
25.40	14	125.00	114.15	A	2012	14	50	63.5	46.50	88	31.8	16.20	2.53	PHS 16B-1DSTBH14
	15	133.00	122.17	A	2012	14	50	63.5	46.50	96	31.8	16.20	3.10	PHS 16B-1DSTBH15
	16	141.00	130.20	A	2012	14	50	63.5	46.50	104	31.8	16.20	3.68	PHS 16B-1DSTBH16

¹⁾ Mass for rim only

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.

For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-1DSTBH18.

Metric sprockets, double simplex, taper bushed
ISO 16B-1 · 25.40 mm pitch | ISO 20B-1 · 31.75 mm pitch

Pitch	Number of teeth	Diameters		Type	Bushing number	Dimensions Bore		L ₁	C	E	L ₂	Plate thickness t ₁	Mass ¹⁾	Designation
		Outside	Pitch			Min.	Max.							
mm	–	mm	PD	–		mm							kg	–
25.40	17	149.00	138.22	A	2517	16	65	63.5	46.50	112	44.5	16.20	3.89	PHS 16B-1DSTBH17
	18	157.00	146.28	A	2517	16	65	63.5	46.50	120	44.5	16.20	4.65	PHS 16B-1DSTBH18
	19	165.20	154.33	A	3020	25	75	63.5	46.50	128	50.8	16.20	4.50	PHS 16B-1DSTBH19
	20	173.20	162.38	A	3020	25	75	63.5	46.50	135	50.8	16.20	5.10	PHS 16B-1DSTBH20
	21	181.20	170.43	A	3020	25	75	63.5	46.50	142	50.8	16.20	6.00	PHS 16B-1DSTBH21
	22	189.30	178.48	A	3020	25	75	63.5	46.50	151	50.8	16.20	6.20	PHS 16B-1DSTBH22
	23	197.50	186.59	A	3525	35	90	63.5	46.50	160	63.5	16.20	7.15	PHS 16B-1DSTBH23
	24	205.50	194.59	A	3525	35	90	63.5	46.50	167	63.5	16.20	8.10	PHS 16B-1DSTBH24
	25	213.50	178.49	A	3525	35	90	63.5	46.50	175	63.5	16.20	9.00	PHS 16B-1DSTBH25
	26	221.50	178.49	A	3525	35	90	63.5	46.50	183	63.5	16.20	9.90	PHS 16B-1DSTBH26
31.75	15	167.90	152.72	A	2517	16	60	68.3	49.80	115	44.5	18.50	4.20	PHS 20B-1DSTBH15
	16	177.90	162.75	A	2517	16	60	68.3	49.80	127	44.5	18.50	5.91	PHS 20B-1DSTBH16
	17	172.80	172.78	A	3020	25	75	68.3	49.80	137	50.8	18.50	6.36	PHS 20B-1DSTBH17
	18	182.83	182.85	A	3020	25	75	68.3	49.80	147	50.8	18.50	7.27	PHS 20B-1DSTBH18
	19	192.91	192.91	A	3020	25	75	68.3	49.80	157	50.8	18.50	9.09	PHS 20B-1DSTBH19
	20	218.10	202.98	A	3020	25	75	68.3	49.80	167	50.8	18.50	10.85	PHS 20B-1DSTBH20
	21	228.28	213.03	A	3020	25	75	68.3	49.80	177	50.8	18.50	12.50	PHS 20B-1DSTBH21
	22	238.46	213.03	A	3020	25	75	68.3	49.80	187	50.8	18.50	13.40	PHS 20B-1DSTBH22
	23	248.64	213.03	A	3020	25	75	68.3	49.80	197	50.8	18.50	14.30	PHS 20B-1DSTBH23
	24	258.82	213.03	A	3020	25	75	68.3	49.80	207	50.8	18.50	15.20	PHS 20B-1DSTBH24

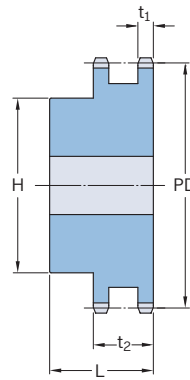
¹⁾ Mass for rim only

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.

For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-1DSTBH18.

Metric sprockets, duplex, pilot bore

ISO 06B-2 · 9.525 mm pitch | ISO 08B-2 · 12.70 mm pitch



Type B

Pitch	Number of teeth	Pitch diameter PD	Type	Dimensions		Hub H	L	t ₁	Plate thickness		Mass ¹⁾	Designation
				Bore Min.	Max.				t ₂			
mm	–	mm	–	mm							kg	–
9.525	12	36.80	B	10	12	25	25	5.20	15.44	0.11		PHS 06B-2BH12
	13	39.79	B	10	12	28	25	5.20	15.44	0.14		PHS 06B-2BH13
	14	42.80	B	10	18	31	25	5.20	15.44	0.17		PHS 06B-2BH14
	15	45.81	B	10	18	34	25	5.20	15.44	0.20		PHS 06B-2BH15
	16	48.82	B	12	20	37	30	5.20	15.44	0.26		PHS 06B-2BH16
	17	51.83	B	12	23	40	30	5.20	15.44	0.32		PHS 06B-2BH17
	18	54.85	B	12	25	43	30	5.20	15.44	0.37		PHS 06B-2BH18
	19	57.87	B	12	28	46	30	5.20	15.44	0.42		PHS 06B-2BH19
	20	60.89	B	12	25	49	30	5.20	15.44	0.48		PHS 06B-2BH20
	21	63.91	B	12	30	52	30	5.20	15.44	0.54		PHS 06B-2BH21
	22	66.93	B	12	28	55	30	5.20	15.44	0.61		PHS 06B-2BH22
	23	69.95	B	12	35	58	30	5.20	15.44	0.67		PHS 06B-2BH23
	24	72.97	B	12	32	61	30	5.20	15.44	0.74		PHS 06B-2BH24
	25	76.00	B	12	40	64	30	5.20	15.44	0.81		PHS 06B-2BH25
	26	79.02	B	12	32	67	30	5.20	15.44	0.92		PHS 06B-2BH26
	27	82.05	B	12	40	70	30	5.20	15.44	0.97		PHS 06B-2BH27
	28	85.07	B	12	32	73	30	5.20	15.44	1.08		PHS 06B-2BH28
	29	88.09	B	12	32	76	30	5.20	15.44	1.15		PHS 06B-2BH29
	30	91.12	B	12	40	79	30	5.20	15.44	1.23		PHS 06B-2BH30
	32	97.17	B	16	52	80	30	5.20	15.44	1.38		PHS 06B-2BH32
	35	106.26	B	16	52	80	30	5.20	15.44	1.61		PHS 06B-2BH35
	36	109.29	B	16	60	90	30	5.20	15.44	1.69		PHS 06B-2BH36
	38	115.35	B	16	50	90	30	5.20	15.44	1.84		PHS 06B-2BH38
	40	121.40	B	16	52	90	30	5.20	15.44	2.00		PHS 06B-2BH40
	42	127.46	B	16	60	90	40	5.20	15.44	2.15		PHS 06B-2BH42
	45	136.55	B	16	50	90	40	5.20	15.44	2.01		PHS 06B-2BH45
	48	145.64	B	16	60	90	40	5.20	15.44	2.61		PHS 06B-2BH48
	52	157.75	B	16	60	90	40	5.20	15.44	2.92		PHS 06B-2BH52
	57	172.91	B	16	50	90	40	5.20	15.44	2.34		PHS 06B-2BH57
	60	182.00	B	16	60	90	40	5.20	15.44	3.53		PHS 06B-2BH60
	68	206.24	B	16	60	90	40	5.20	15.44	4.14		PHS 06B-2BH68
	70	212.30	B	16	60	90	40	5.20	15.44	4.30		PHS 06B-2BH70
	72	218.37	B	16	60	90	40	5.20	15.44	4.45		PHS 06B-2BH72
	76	230.49	B	16	50	90	40	5.20	15.44	3.35		PHS 06B-2BH76
	84	254.74	B	16	60	90	40	5.20	15.44	5.37		PHS 06B-2BH84
	95	288.08	B	16	62	90	40	5.20	15.44	6.21		PHS 06B-2BH95
	96	291.11	B	16	62	90	40	5.20	15.44	6.29		PHS 06B-2BH96
	114	345.68	B	16	62	90	40	5.20	15.44	7.67		PHS 06B-2BH114
12.70	10	41.10	B	10	18	28	32	7.24	21.13	0.15		PHS 08B-2BH10
	11	45.07	B	12	21	32	35	7.24	21.13	0.22		PHS 08B-2BH11
	12	49.07	B	12	19	35	35	7.24	21.13	0.29		PHS 08B-2BH12
	13	53.06	B	12	21	38	35	7.24	21.13	0.36		PHS 08B-2BH13
	14	57.07	B	12	28	42	35	7.24	21.13	0.44		PHS 08B-2BH14
	15	61.09	B	12	28	46	35	7.24	21.13	0.52		PHS 08B-2BH15
	16	65.10	B	14	33	50	35	7.24	21.13	0.61		PHS 08B-2BH16
	17	69.11	B	14	30	54	35	7.24	21.13	0.70		PHS 08B-2BH17
	18	73.14	B	14	38	58	35	7.24	21.13	0.81		PHS 08B-2BH18
	19	77.16	B	14	40	62	35	7.24	21.13	0.91		PHS 08B-2BH19
	20	81.19	B	14	40	66	35	7.24	21.13	1.10		PHS 08B-2BH20
	21	85.22	B	16	40	70	40	7.24	21.13	1.29		PHS 08B-2BH21
	22	89.24	B	16	45	70	40	7.24	21.13	1.37		PHS 08B-2BH22
	23	93.27	B	16	50	70	40	7.24	21.13	1.46		PHS 08B-2BH23
	24	97.29	B	16	50	75	40	7.24	21.13	1.64		PHS 08B-2BH24

Maximum bores can accommodate standard keyways. Larger bores are available.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-2BH12.

Metric sprockets, duplex, standard

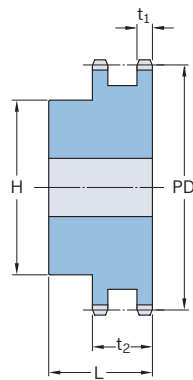
ISO 08B-2 · 12.70 mm pitch | ISO 10B-2 · 15.88 mm pitch | ISO 12B-2 · 19.05 mm pitch

Pitch	Number of teeth	Pitch diameter PD	Type	Dimensions		Hub H	L	Plate thickness		Mass ¹⁾	Designation
				Bore Min.	Max.			t ₁	t ₂		
mm	–	mm	–	mm						kg	–
12.70	25	101.33	B	16	50	80	40	7.24	21.13	1.83	PHS 08B-2BH25
	26	105.36	B	16	56	85	40	7.24	21.13	1.96	PHS 08B-2B26
	27	109.40	B	16	50	85	40	7.24	21.13	2.09	PHS 08B-2B27
	28	113.42	B	16	60	90	40	7.24	21.13	2.31	PHS 08B-2B28
	29	117.46	B	16	62	95	40	7.24	21.13	2.53	PHS 08B-2B29
	30	121.50	B	16	50	100	40	7.24	21.13	2.75	PHS 08B-2B30
	32	129.56	B	20	64	100	40	7.24	21.13	3.08	PHS 08B-2B32
	34	137.64	B	20	64	100	40	7.24	21.13	3.24	PHS 08B-2B34
	35	141.68	B	20	64	100	40	7.24	21.13	3.41	PHS 08B-2B35
	36	145.72	B	20	73	100	40	7.24	21.13	3.74	PHS 08B-2B36
	38	153.80	B	20	55	100	40	7.24	21.13	4.08	PHS 08B-2B38
	40	161.87	B	20	73	100	50	7.24	21.13	4.00	PHS 08B-2B40
	42	169.95	B	20	73	108	50	7.24	21.13	3.90	PHS 08B-2B42
	45	182.07	B	20	55	108	50	7.24	21.13	3.70	PHS 08B-2B45
	48	194.18	B	20	73	108	50	7.24	21.13	4.10	PHS 08B-2B48
	54	218.43	B	20	73	108	50	7.24	21.13	4.70	PHS 08B-2B54
	57	230.54	B	20	55	108	50	7.24	21.13	5.01	PHS 08B-2B57
	60	242.66	B	20	73	108	50	7.24	21.13	5.34	PHS 08B-2B60
	68	274.99	B	20	73	108	55	7.24	21.13	5.68	PHS 08B-2B68
	72	291.16	B	20	73	108	55	7.24	21.13	6.02	PHS 08B-2B72
	76	307.33	B	20	60	108	55	7.24	21.13	6.36	PHS 08B-2B76
	84	339.65	B	20	80	120	55	7.24	21.13	8.31	PHS 08B-2B84
	95	384.10	B	20	60	110	55	7.24	21.13	10.26	PHS 08B-2B95
	96	388.15	B	20	80	110	55	7.24	21.13	11.00	PHS 08B-2B96
	114	460.90	B	20	80	110	55	7.24	21.13	12.45	PHS 08B-2B114
15.88	11	56.34	B	14	24	39	40	8.97	25.55	0.45	PHS 10B-2BH11
	12	61.34	B	14	25	44	40	8.97	25.55	0.57	PHS 10B-2BH12
	13	66.32	B	14	29	49	40	8.97	25.55	0.70	PHS 10B-2BH13
	14	71.34	B	14	35	54	40	8.97	25.55	0.84	PHS 10B-2BH14
	15	76.36	B	14	35	59	40	8.97	25.55	0.99	PHS 10B-2BH15
	16	81.37	B	16	40	64	45	8.97	25.55	1.23	PHS 10B-2BH16
	17	86.39	B	16	40	69	45	8.97	25.55	1.47	PHS 10B-2BH17
	18	91.42	B	16	48	74	45	8.97	25.55	1.68	PHS 10B-2BH18
	19	96.45	B	16	46	79	45	8.97	25.55	1.90	PHS 10B-2BH19
	20	101.49	B	16	56	84	45	8.97	25.55	2.10	PHS 10B-2BH20
	21	106.52	B	16	55	85	45	8.97	25.55	2.31	PHS 10B-2BH21
	22	111.55	B	16	60	90	45	8.97	25.55	2.58	PHS 10B-2BH22
	23	116.58	B	16	55	95	45	8.97	25.55	2.85	PHS 10B-2BH23
	24	121.62	B	16	64	100	45	8.97	25.55	3.14	PHS 10B-2BH24
	25	126.66	B	16	55	105	45	8.97	25.55	3.44	PHS 10B-2BH25
	26	131.70	B	20	73	110	45	8.97	25.55	3.69	PHS 10B-2B26
	27	136.75	B	20	55	110	45	8.97	25.55	3.95	PHS 10B-2B27
	28	141.78	B	20	76	115	45	8.97	25.55	4.25	PHS 10B-2B28
	29	146.83	B	20	76	115	45	8.97	25.55	4.55	PHS 10B-2B29
	30	151.87	B	20	58	120	45	8.97	25.55	4.87	PHS 10B-2B30
	32	161.95	B	20	80	120	45	8.97	25.55	4.95	PHS 10B-2B32
	35	177.10	B	20	80	120	45	8.97	25.55	5.08	PHS 10B-2B35
	36	182.15	B	20	80	120	45	8.97	25.55	5.11	PHS 10B-2B36
	38	192.24	B	20	58	120	45	8.97	25.55	5.20	PHS 10B-2B38
	40	202.34	B	20	80	120	45	8.97	25.55	5.41	PHS 10B-2B40
	45	227.58	B	20	60	120	50	8.97	25.55	5.94	PHS 10B-2B45
	48	242.73	B	20	80	120	50	8.97	25.55	7.27	PHS 10B-2B48
	57	288.18	B	20	60	120	50	8.97	25.55	8.61	PHS 10B-2B57
	60	303.32	B	20	85	120	57	8.97	25.55	9.30	PHS 10B-2B60
	70	353.84	B	20	85	120	57	8.97	25.55	9.99	PHS 10B-2B70
	76	384.16	B	20	85	120	57	8.97	25.55	10.68	PHS 10B-2B76
	80	404.35	B	20	85	130	58	8.97	25.55	11.00	PHS 10B-2B80
	95	480.14	B	20	85	130	58	8.97	25.55	12.00	PHS 10B-2B95
	114	576.13	B	20	85	130	58	8.97	25.55	13.00	PHS 10B-2B114
19.05	10	61.65	B	12	32	42	45	10.87	30.33	0.57	PHS 12B-2BH10
	11	67.61	B	16	32	47	50	10.87	30.33	0.80	PHS 12B-2BH11
	12	73.61	B	16	32	53	50	10.87	30.33	1.03	PHS 12B-2BH12
	13	79.59	B	16	36	59	50	10.87	30.33	1.26	PHS 12B-2BH13
	14	85.61	B	16	42	65	50	10.87	30.33	1.52	PHS 12B-2BH14
	15	91.63	B	16	44	71	50	10.87	30.33	1.78	PHS 12B-2BH15
	16	97.65	B	20	51	77	50	10.87	30.33	2.08	PHS 12B-2BH16
	17	103.67	B	20	55	83	50	10.87	30.33	2.37	PHS 12B-2BH17
	18	109.71	B	20	60	89	50	10.87	30.33	2.72	PHS 12B-2BH18
	19	115.75	B	20	55	95	50	10.87	30.33	3.07	PHS 12B-2BH19
	20	121.78	B	20	64	100	50	10.87	30.33	3.39	PHS 12B-2BH20
	21	127.82	B	20	60	100	50	10.87	30.33	3.70	PHS 12B-2BH21
	22	133.86	B	20	64	100	50	10.87	30.33	4.11	PHS 12B-2BH22
	23	139.90	B	20	60	110	50	10.87	30.33	4.52	PHS 12B-2BH23
	24	145.94	B	20	73	110	50	10.87	30.33	4.96	PHS 12B-2BH24

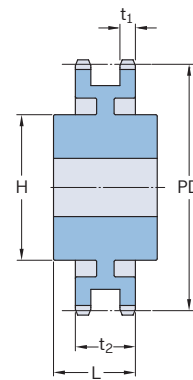
Maximum bores can accommodate standard keyways. Larger bores are available.
 All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
 For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-2BH12.

Metric sprockets, duplex, standard

ISO 12B-2 · 19.05 mm pitch | ISO 16B-2 · 25.40 mm pitch



Type B



Type C

Pitch	Number of teeth	Pitch diameter PD	Type	Dimensions		Hub H	L	Plate thickness		Mass	Designation
				Bore Min.	Max.			t ₁	t ₂		
mm	–	mm	–	mm						kg	–
19.05	25	152.00	B	20	60	120	50	10.87	30.33	5.39	PHS 12B-2BH25
	26	158.04	B	20	80	120	50	10.87	30.33	5.74	PHS 12B-2B26
	27	164.09	B	20	60	120	50	10.87	30.33	6.09	PHS 12B-2B27
	28	170.13	B	20	80	120	50	10.87	30.33	6.45	PHS 12B-2B28
	30	182.25	B	20	60	120	50	10.87	30.33	7.17	PHS 12B-2B30
	32	194.36	B	20	85	120	50	10.87	30.33	8.41	PHS 12B-2B32
	35	212.52	B	20	85	120	50	10.87	30.33	9.70	PHS 12B-2B35
	36	218.58	B	25	85	120	50	10.87	30.33	10.12	PHS 12B-2B36
	38	230.69	B	25	65	120	50	10.87	30.33	10.98	PHS 12B-2B38
	40	242.81	B	25	85	120	50	10.87	30.33	11.84	PHS 12B-2B40
	45	273.10	B	25	65	136	62	10.87	30.33	10.58	PHS 12B-2B45
	48	291.27	B	25	85	136	62	10.87	30.33	15.26	PHS 12B-2B48
	57	345.81	B	25	70	136	62	10.87	30.33	11.72	PHS 12B-2B57
	60	363.99	B	25	85	136	62	10.87	30.33	20.40	PHS 12B-2B60
	68	412.49	C	25	85	140	63	10.87	30.33	23.83	PHS 12B-2C68
	76	460.99	C	25	80	140	63	10.87	30.33	18.50	PHS 12B-2C76
	80	485.22	C	25	85	140	63	10.87	30.33	28.97	PHS 12B-2C80
	95	576.17	C	25	93	140	63	10.87	30.33	35.39	PHS 12B-2C95
	96	582.23	C	25	93	140	63	10.87	30.33	35.82	PHS 12B-2C96
	114	691.36	C	25	93	140	63	10.87	30.33	43.53	PHS 12B-2C114
25.40	11	90.14	B	20	42	64	70	15.83	47.71	1.86	PHS 16B-2BH11
	12	98.14	B	20	45	72	70	15.83	47.71	2.54	PHS 16B-2BH12
	13	106.12	B	20	48	80	70	15.83	47.71	3.22	PHS 16B-2BH13
	14	114.15	B	20	53	88	70	15.83	47.71	3.90	PHS 16B-2BH14
	15	122.17	B	20	58	96	70	15.83	47.71	4.58	PHS 16B-2BH15
	16	130.20	B	20	66	104	70	15.83	47.71	5.35	PHS 16B-2BH16
	17	138.22	B	20	70	112	70	15.83	47.71	6.12	PHS 16B-2BH17
	18	146.28	B	20	80	120	70	15.83	47.71	7.02	PHS 16B-2BH18
	19	154.33	B	20	70	128	70	15.83	47.71	7.91	PHS 16B-2BH19
	20	162.38	B	20	85	130	70	15.83	47.71	8.59	PHS 16B-2BH20
	21	170.43	B	25	75	130	70	15.83	47.71	9.26	PHS 16B-2BH21
	22	178.48	B	25	85	130	70	15.83	47.71	10.05	PHS 16B-2BH22
	23	186.53	B	25	75	130	70	15.83	47.71	10.84	PHS 16B-2BH23
	24	194.59	B	25	85	130	70	15.83	47.71	11.70	PHS 16B-2BH24
	25	202.66	B	25	75	130	70	15.83	47.71	12.56	PHS 16B-2BH25
	26	210.72	B	25	85	130	70	15.83	47.71	13.52	PHS 16B-2B26
	27	218.79	B	25	75	130	70	15.83	47.71	14.48	PHS 16B-2B27
	28	226.85	B	25	85	130	70	15.83	47.71	15.49	PHS 16B-2B28
	29	234.92	B	25	85	130	70	15.83	47.71	16.51	PHS 16B-2B29
	30	243.00	B	25	75	130	70	15.83	47.71	17.52	PHS 16B-2B30
	32	259.13	B	25	95	140	70	15.83	47.71	20.13	PHS 16B-2B32
	35	283.36	B	25	95	140	70	15.83	47.71	24.04	PHS 16B-2B35
	36	291.44	B	25	95	140	70	15.83	47.71	25.34	PHS 16B-2B36
	38	307.59	B	25	75	140	70	15.83	47.71	27.95	PHS 16B-2B38
	42	339.90	B	25	95	140	70	15.83	47.71	32.35	PHS 16B-2B42
	45	364.13	C	25	85	140	70	15.83	47.71	22.00	PHS 16B-2C45
	57	461.07	C	25	85	150	85	15.83	47.71	34.50	PHS 16B-2C57
	60	485.32	C	25	95	150	85	15.83	47.71	52.14	PHS 16B-2C60
	68	549.98	C	25	96	160	90	15.83	47.71	60.93	PHS 16B-2C68
	76	614.65	C	25	100	160	90	15.83	47.71	51.50	PHS 16B-2C76
	80	646.96	C	25	102	160	90	15.83	47.71	74.13	PHS 16B-2C80
	95	768.22	C	25	100	160	90	15.83	47.71	90.62	PHS 16B-2C95
	114	921.81	C	25	102	160	90	15.83	47.71	111.51	PHS 16B-2C114

Maximum bores can accommodate standard keyways. Larger bores are available.
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 For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-2BH12.

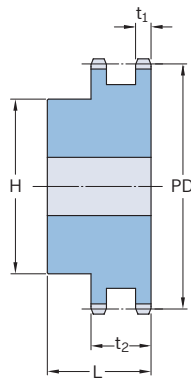
Metric sprockets, duplex, standard
ISO 20B-2 · 31.75 mm pitch | ISO 24B-2 · 38.10 mm pitch

Pitch	Number of teeth	Pitch diameter	Type	Dimensions		Hub H	L	Plate thickness		Mass ¹⁾	Designation
		PD		Bore				t ₁	t ₂		
		mm		Min.	Max.			mm	mm	kg	
31.75	10	102.75	B	20	45	70	75	18.19	54.64	2.90	PHS 20B-2BH10
	11	112.70	B	20	52	80	80	18.19	54.64	3.67	PHS 20B-2BH11
	12	122.67	B	20	60	90	80	18.19	54.64	4.31	PHS 20B-2BH12
	13	132.67	B	20	64	100	80	18.19	54.64	5.53	PHS 20B-2BH13
	14	142.68	B	20	73	110	80	18.19	54.64	6.62	PHS 20B-2BH14
	15	152.71	B	20	80	120	80	18.19	54.64	7.76	PHS 20B-2BH15
	16	162.75	B	25	80	120	80	18.19	54.64	9.12	PHS 20B-2BH16
	17	172.79	B	25	80	120	80	18.19	54.64	10.44	PHS 20B-2BH17
	18	182.84	B	25	80	120	80	18.19	54.64	11.71	PHS 20B-2BH18
	19	192.90	B	25	80	120	80	18.19	54.64	12.92	PHS 20B-2BH19
	20	202.96	B	25	80	120	80	18.19	54.64	15.43	PHS 20B-2BH20
	21	213.03	B	25	92	140	80	18.19	54.64	16.55	PHS 20B-2BH21
	22	223.10	B	25	92	140	80	18.19	54.64	17.70	PHS 20B-2BH22
	23	233.17	B	25	92	140	80	18.19	54.64	19.05	PHS 20B-2BH23
	24	243.25	B	25	96	140	80	18.19	54.64	20.43	PHS 20B-2BH24
	25	253.32	B	25	96	140	80	18.19	54.64	21.77	PHS 20B-2BH25
	26	263.41	B	25	96	150	80	18.19	54.64	23.15	PHS 20B-2B26
	27	273.49	B	25	96	150	80	18.19	54.64	24.97	PHS 20B-2B27
	28	283.57	B	25	96	150	80	18.19	54.64	26.78	PHS 20B-2B28
	30	303.75	B	25	96	150	80	18.19	54.64	30.41	PHS 20B-2B30
	32	323.92	B	25	96	150	80	18.19	54.64	32.22	PHS 20B-2B32
	35	354.20	C	25	100	150	80	18.19	54.64	34.02	PHS 20B-2C35
	36	364.29	C	30	100	150	80	18.19	54.64	34.70	PHS 20B-2C36
	38	384.48	C	30	100	150	80	18.19	54.64	43.72	PHS 20B-2C38
	42	424.86	C	30	100	160	90	18.19	54.64	43.55	PHS 20B-2C42
	45	455.15	C	30	100	160	90	18.19	54.64	46.72	PHS 20B-2C45
	57	576.35	C	30	100	160	100	18.19	54.64	64.10	PHS 20B-2C57
	60	606.66	C	30	125	160	100	18.19	54.64	79.38	PHS 20B-2C60
	68	687.48	C	30	125	180	100	18.19	54.64	87.74	PHS 20B-2C68
	76	768.30	C	30	125	180	100	18.19	54.64	96.11	PHS 20B-2C76
	80	808.71	C	30	125	180	100	18.19	54.64	100.30	PHS 20B-2C80
	95	960.28	C	30	125	180	100	18.19	54.64	115.98	PHS 20B-2C95
	114	1152.26	C	30	125	180	100	18.19	54.64	135.85	PHS 20B-2C114
38.10	11	135.23	B	25	60	90	100	23.62	71.98	6.50	PHS 24B-2BH11
	12	147.21	B	25	67	102	100	23.62	71.98	8.13	PHS 24B-2BH12
	13	159.20	B	25	76	114	100	23.62	71.98	9.92	PHS 24B-2BH13
	14	171.22	B	25	84	128	100	23.62	71.98	11.98	PHS 24B-2BH14
	15	183.25	B	25	93	132	100	23.62	71.98	14.13	PHS 24B-2BH15
	16	195.29	B	25	100	136	100	23.62	71.98	16.35	PHS 24B-2BH16
	17	207.35	B	25	100	136	100	23.62	71.98	17.85	PHS 24B-2BH17
	18	219.41	B	25	108	150	100	23.62	71.98	20.35	PHS 24B-2BH18
	19	231.48	B	25	108	160	100	23.62	71.98	22.56	PHS 24B-2BH19
	20	243.55	B	25	108	160	100	23.62	71.98	24.78	PHS 24B-2BH20
	21	255.63	B	25	108	160	100	23.62	71.98	26.99	PHS 24B-2BH21
	22	267.72	B	25	108	160	100	23.62	71.98	29.74	PHS 24B-2BH22
	23	279.80	B	25	108	160	100	23.62	71.98	32.87	PHS 24B-2BH23
	24	291.90	B	25	108	160	100	23.62	71.98	36.00	PHS 24B-2BH24
	25	303.99	B	25	108	160	100	23.62	71.98	39.13	PHS 24B-2BH25
	26	316.09	B	30	108	160	100	23.62	71.98	42.26	PHS 24B-2B26
	27	328.19	B	30	108	160	100	23.62	71.98	45.40	PHS 24B-2B27
	28	340.29	B	30	108	160	100	23.62	71.98	48.53	PHS 24B-2B28
	29	352.39	B	30	108	160	100	23.62	71.98	51.66	PHS 24B-2B29
	30	364.49	B	30	108	160	100	23.62	71.98	54.79	PHS 24B-2B30
	32	388.71	B	30	108	160	100	23.62	71.98	61.05	PHS 24B-2B32
	38	461.37	B	30	137	160	100	23.62	71.98	72.01	PHS 24B-2B38
	40	485.60	C	30	137	160	100	23.62	71.98	75.80	PHS 24B-2C40
	42	509.83	C	30	137	180	100	23.62	71.98	79.59	PHS 24B-2C42
	45	546.19	C	30	137	180	100	23.62	71.98	85.28	PHS 24B-2C45
	48	582.54	C	30	137	180	100	23.62	71.98	90.97	PHS 24B-2C48
	50	606.78	C	30	137	180	100	23.62	71.98	94.76	PHS 24B-2C50
	54	655.26	C	30	161	180	110	23.62	71.98	127.46	PHS 24B-2C54
	57	691.62	C	30	161	180	110	23.62	71.98	140.74	PHS 24B-2C57
	60	727.99	C	30	161	180	120	23.62	71.98	154.02	PHS 24B-2C60
	68	824.97	C	30	161	200	120	23.62	71.98	189.45	PHS 24B-2C68
	72	873.46	C	30	161	200	120	23.62	71.98	207.16	PHS 24B-2C72
	76	921.96	C	30	161	200	120	23.62	71.98	224.87	PHS 24B-2C76
	95	1152.33	C	30	161	200	120	23.62	71.98	309.00	PHS 24B-2C95
	96	1164.46	C	30	161	200	120	23.62	71.98	313.43	PHS 24B-2C96
	114	1382.72	C	30	161	200	120	23.62	71.98	393.13	PHS 24B-2C114
44.45	11	157.77	B	25	73	112	120	29.36	88.90	10.21	PHS 28B-2BH11
	12	171.74	B	25	84	125	120	29.36	88.90	13.02	PHS 28B-2BH12
	13	185.75	B	25	84	125	120	29.36	88.90	16.00	PHS 28B-2BH13
	14	199.76	B	25	87	125	120	29.36	88.90	19.28	PHS 28B-2BH14

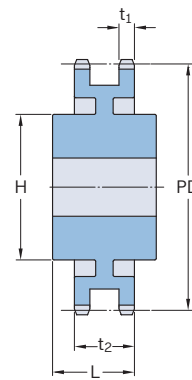
Maximum bores can accommodate standard keyways. Larger bores are available.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-2BH12.

Metric sprockets, duplex, standard

ISO 28B-2 · 44.45 mm pitch | ISO 32B-2 · 50.80 mm pitch



Type B



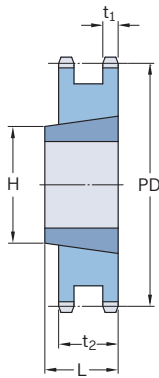
Type C

Pitch	Number of teeth	Pitch diameter PD	Type	Dimensions		Hub H	L	Plate thickness		Mass	Designation
				Bore Min.	Max.			t ₁	t ₂		
mm	–	mm	–	mm						kg	–
44.45	15	213.79	B	25	96	145	120	29.36	88.90	22.91	PHS 28B-2BH15
	16	227.84	B	30	108	160	120	29.36	88.90	26.92	PHS 28B-2BH16
	17	241.91	B	30	114	160	120	29.36	88.90	30.83	PHS 28B-2BH17
	18	255.98	B	30	114	160	120	29.36	88.90	34.74	PHS 28B-2BH18
	19	270.06	B	30	133	180	120	29.36	88.90	38.93	PHS 28B-2BH19
	20	284.15	B	30	133	180	120	29.36	88.90	44.27	PHS 28B-2BH20
	21	298.24	B	30	133	180	120	29.36	88.90	45.08	PHS 28B-2BH21
	22	312.34	B	30	133	180	120	29.36	88.90	48.15	PHS 28B-2BH22
	23	326.44	B	30	133	180	120	29.36	88.90	51.59	PHS 28B-2BH23
	24	340.55	B	30	133	180	120	29.36	88.90	55.03	PHS 28B-2BH24
	25	354.66	B	30	133	180	120	29.36	88.90	58.47	PHS 28B-2BH25
	26	368.77	B	30	133	180	120	29.36	88.90	64.06	PHS 28B-2B26
	28	397.00	B	30	133	180	120	29.36	88.90	76.05	PHS 28B-2B28
	30	425.24	B	30	133	180	120	29.36	88.90	89.16	PHS 28B-2B30
	32	453.49	B	30	133	180	120	29.36	88.90	103.38	PHS 28B-2B32
	38	538.27	B	30	133	200	120	29.36	88.90	97.53	PHS 28B-2B38
	40	566.54	C	30	137	200	120	29.36	88.90	109.47	PHS 28B-2C40
	45	637.22	C	30	137	200	120	29.36	88.90	137.32	PHS 28B-2C45
	48	679.63	C	30	137	200	120	29.36	88.90	153.61	PHS 28B-2C48
	54	764.46	C	30	162	200	120	29.36	88.90	204.44	PHS 28B-2C54
	57	806.90	C	30	162	200	120	29.36	88.90	210.02	PHS 28B-2C57
	60	849.32	C	30	162	200	130	29.36	88.90	230.82	PHS 28B-2C60
	68	962.46	C	30	162	200	130	29.36	88.90	273.98	PHS 28B-2C68
	72	1019.05	C	30	162	200	130	29.36	88.90	305.70	PHS 28B-2C72
	76	1075.62	C	30	162	200	130	29.36	88.90	323.56	PHS 28B-2C76
50.80	11	180.34	B	30	80	120	120	28.83	87.38	10.42	PHS 32B-2BH11
	12	196.29	B	30	89	133	120	28.83	87.38	16.32	PHS 32B-2BH12
	13	212.29	B	30	96	145	120	28.83	87.38	21.77	PHS 32B-2BH13
	14	228.29	B	30	103	145	120	28.83	87.38	26.31	PHS 32B-2BH14
	15	244.30	B	30	106	160	120	28.83	87.38	30.84	PHS 32B-2BH15
	16	260.40	B	30	120	160	120	28.83	87.38	34.02	PHS 32B-2BH16
	17	276.40	B	30	120	180	120	28.83	87.38	41.28	PHS 32B-2BH17
	18	292.55	B	30	120	180	120	28.83	87.38	43.55	PHS 32B-2BH18
	19	308.66	B	30	120	200	120	28.83	87.38	48.53	PHS 32B-2BH19
	20	324.71	B	30	130	200	120	28.83	87.38	53.98	PHS 32B-2BH20
	21	340.82	B	30	130	200	120	28.83	87.38	58.97	PHS 32B-2BH21
	22	356.98	B	30	130	200	120	28.83	87.38	63.96	PHS 32B-2BH22
	23	373.08	B	30	130	200	120	28.83	87.38	71.21	PHS 32B-2BH23
	24	389.18	B	30	130	200	120	28.83	87.38	77.57	PHS 32B-2BH24
	25	405.33	B	30	130	200	120	28.83	87.38	84.82	PHS 32B-2BH25
	26	421.44	B	30	130	200	120	28.83	87.38	91.17	PHS 32B-2B26
	28	453.69	B	30	130	200	120	28.83	87.38	101.13	PHS 32B-2B28
	30	486.00	B	30	130	200	120	28.83	87.38	116.57	PHS 32B-2B30
	38	615.14	B	30	178	200	120	28.83	87.38	170.25	PHS 32B-2B38
	40	647.49	C	30	178	200	120	28.83	87.38	177.46	PHS 32B-2C40
	45	728.26	C	30	178	200	120	28.83	87.38	195.50	PHS 32B-2C45
	48	776.72	C	30	178	200	120	28.83	87.38	204.51	PHS 32B-2C48
	54	873.68	C	30	178	220	120	28.83	87.38	222.53	PHS 32B-2C54
	57	922.16	C	30	178	220	120	28.83	87.38	231.54	PHS 32B-2C57
	68	1099.96	C	30	178	220	130	28.83	87.38	255.83	PHS 32B-2C68
	76	1229.28	C	30	178	220	130	28.83	87.38	292.83	PHS 32B-2C76

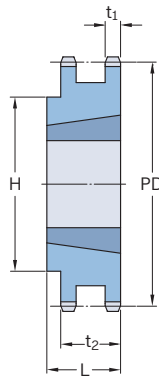
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 For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-2BH12.

Metric sprockets, duplex, taper bushed

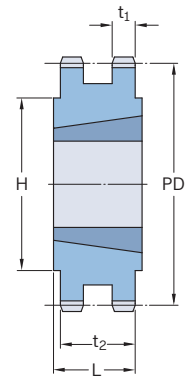
ISO 06B-2 · 9.525 mm pitch | ISO 08B-2 · 12.70 mm pitch



Type A



Type B



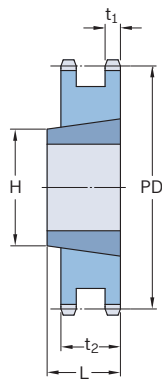
Type C

Pitch	Number of teeth	Pitch diameter PD	Type	Bushing number	Dimensions Bore		L	H	Plate thickness t ₁	t ₂	Mass Rim	Bushing	Designation
					Min.	Max.							
mm	—	mm	—		mm						kg		—
9.525	16	48.82	B	1008	9	25.4	22.0	41	5.20	15.44	0.06	0.12	PHS 06B-2TBH16
	17	51.83	B	1008	9	25.4	22.0	41	5.20	15.44	0.12	0.09	PHS 06B-2TBH17
	18	54.85	B	1008	9	25.4	22.0	45	5.20	15.44	0.18	0.09	PHS 06B-2TBH18
	19	57.87	B	1008	9	25.4	22.0	46	5.20	15.44	0.20	0.09	PHS 06B-2TBH19
	20	60.89	B	1008	9	25.4	22.0	48	5.20	15.44	0.24	0.09	PHS 06B-2TBH20
	21	63.91	B	1008	9	25.4	22.0	49	5.20	15.44	0.29	0.09	PHS 06B-2TBH21
	22	66.93	B	1108	9	25.4	22.0	52	5.20	15.44	0.30	0.12	PHS 06B-2TBH22
	23	69.95	B	1210	11	31.8	25.0	59	5.20	15.44	0.26	0.21	PHS 06B-2TBH23
	24	72.97	B	1210	11	31.8	25.0	63	5.20	15.44	0.34	0.21	PHS 06B-2TBH24
	25	76.00	B	1210	11	31.8	25.0	64	5.20	15.44	0.41	0.21	PHS 06B-2TBH25
	26	79.02	B	1210	11	31.8	25.0	65	5.20	15.44	0.45	0.21	PHS 06B-2TB26
	27	82.05	B	1210	11	31.8	25.0	70	5.20	15.44	0.50	0.21	PHS 06B-2TB27
	28	85.07	B	1210	11	31.8	25.0	70	5.20	15.44	0.54	0.21	PHS 06B-2TB28
	29	88.09	B	1210	11	31.8	25.0	70	5.20	15.44	0.51	0.21	PHS 06B-2TB29
	30	91.12	B	1210	11	31.8	25.0	75	5.20	15.44	0.61	0.21	PHS 06B-2TB30
	32	97.17	B	1610	14	41.3	25.0	80	5.20	15.44	0.75	0.31	PHS 06B-2TB32
	35	106.26	B	1610	14	41.3	25.0	80	5.20	15.44	0.95	0.31	PHS 06B-2TB35
	38	115.35	B	1610	14	41.3	25.0	80	5.20	15.44	1.16	0.31	PHS 06B-2TB38
	40	121.40	B	1610	14	41.3	25.0	80	5.20	15.44	1.30	0.31	PHS 06B-2TB40
	45	136.55	B	1610	14	41.3	25.0	80	5.20	15.44	1.64	0.31	PHS 06B-2TB45
	48	145.64	B	1610	14	41.3	25.0	80	5.20	15.44	1.85	0.31	PHS 06B-2TB48
	54	163.82	B	1610	14	41.3	25.0	80	5.20	15.44	2.26	0.31	PHS 06B-2TB54
	57	172.91	B	1610	14	41.3	25.0	80	5.20	15.44	1.75	0.31	PHS 06B-2TB57
	60	182.00	B	1610	14	41.3	25.0	80	5.20	15.44	2.67	0.31	PHS 06B-2TB60
	70	212.30	B	1610	14	41.3	25.0	80	5.20	15.44	3.36	0.31	PHS 06B-2TB70
	76	230.49	B	1610	14	41.3	25.0	80	5.20	15.44	3.19	0.31	PHS 06B-2TB76
	95	288.08	B	1610	14	41.3	25.0	90	5.20	15.44	5.08	0.31	PHS 06B-2TB95
	114	345.68	B	1615	14	50.8	38.0	95	5.20	15.44	6.39	0.59	PHS 06B-2TB114
12.70	15	61.09	A	1008	9	25.4	22.0	46	7.00	21.13	0.23	0.09	PHS 08B-2TBH15
	16	65.10	A	1108	9	28.0	22.0	50	7.00	21.13	0.25	0.12	PHS 08B-2TBH16
	17	69.11	A	1210	11	31.8	25.0	56	7.00	21.13	0.26	0.21	PHS 08B-2TBH17
	18	73.14	B	1210	11	31.8	25.0	60	7.00	21.13	0.31	0.21	PHS 08B-2TBH18
	19	77.16	B	1210	11	31.8	25.0	62	7.00	21.13	0.43	0.21	PHS 08B-2TBH19
	20	81.19	B	1610	14	41.3	25.0	68	7.00	21.13	0.45	0.31	PHS 08B-2TBH20
	21	85.22	B	1610	14	41.3	25.0	70	7.00	21.13	0.48	0.31	PHS 08B-2TBH21
	22	89.24	B	1610	14	41.3	25.0	76	7.00	21.13	0.54	0.31	PHS 08B-2TBH22
	23	93.27	B	1610	14	41.3	25.0	79	7.00	21.13	0.66	0.31	PHS 08B-2TBH23
	24	97.29	B	1610	14	50.8	32.0	84	7.00	21.13	0.60	0.59	PHS 08B-2TBH24
	25	101.33	B	2012	14	50.8	32.0	87	7.00	21.13	0.74	0.59	PHS 08B-2TBH25
	26	105.36	B	2012	14	50.8	32.0	87	7.00	21.13	0.81	0.59	PHS 08B-2TB26
	27	109.40	B	2012	14	50.8	32.0	87	7.00	21.13	0.92	0.59	PHS 08B-2TB27
	28	113.42	B	2012	14	50.8	32.0	87	7.00	21.13	1.03	0.59	PHS 08B-2TB28
	29	117.46	B	2012	14	50.8	32.0	87	7.00	21.13	1.16	0.59	PHS 08B-2TB29
	30	121.50	B	2012	14	50.8	32.0	87	7.00	21.13	1.25	0.59	PHS 08B-2TB30
	35	141.68	B	2012	14	50.8	32.0	100	7.00	21.13	1.65	0.59	PHS 08B-2TB35
	36	145.72	B	2012	14	50.8	32.0	100	7.00	21.13	2.05	0.59	PHS 08B-2TB36
	38	153.80	B	2012	14	50.8	32.0	100	7.00	21.13	2.53	0.59	PHS 08B-2TB38
	42	169.94	C	2517	16	63.5	32.0	100	7.00	21.13	3.13	1.30	PHS 08B-2TB42
	45	182.07	C	2012	14	50.8	32.0	100	7.00	21.13	3.73	0.59	PHS 08B-2TB45
	48	194.18	C	2517	16	63.5	32.0	100	7.00	21.13	3.84	1.30	PHS 08B-2TB48
	54	218.42	C	2517	16	63.5	32.0	100	7.00	21.13	3.95	1.30	PHS 08B-2TB54
	57	230.53	C	2012	14	50.8	32.0	100	7.00	21.13	4.07	0.59	PHS 08B-2TB57
	60	242.66	C	2517	16	63.5	32.0	100	7.00	21.13	4.20	1.30	PHS 08B-2TB60

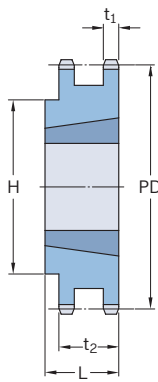
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-2TBH16.

Metric sprockets, duplex, taper bushed

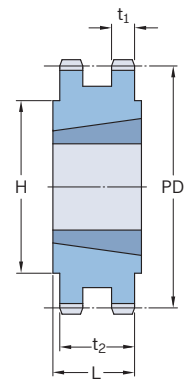
ISO 08B-2 · 12.70 mm pitch | ISO 10B-2 · 15.88 mm pitch | ISO 12B-2 · 19.05 mm pitch



Type A



Type B



Type C

Pitch	Number of teeth	Pitch diameter PD	Type	Bushing number	Dimensions Bore		L	H	Plate thickness		Mass Rim	Bushing	Designation
					Min.	Max.			t ₁	t ₂			
mm	–	mm	–		mm						kg		–
12.70	68	274.99	C	2517	16	63.5	32.0	100	7.0	21.13	4.33	1.30	PHS 08B-2TB68
	70	283.07	C	2517	16	63.5	32.0	100	7.0	21.13	4.46	1.30	PHS 08B-2TB70
	72	291.15	C	2517	16	63.5	32.0	100	7.0	21.13	4.59	1.30	PHS 08B-2TB72
	76	307.31	C	2517	16	63.5	32.0	100	7.0	21.13	4.72	0.59	PHS 08B-2TB76
	84	339.65	C	2517	16	63.5	32.0	100	7.0	21.13	6.45	1.30	PHS 08B-2TB84
	95	384.10	C	2517	16	63.8	32.0	100	7.0	21.13	8.18	0.59	PHS 08B-2TB95
	96	388.15	C	2517	16	63.5	32.0	110	7.0	21.13	9.00	1.30	PHS 08B-2TB96
	114	460.90	C	2517	16	63.5	45.0	110	7.0	21.13	10.50	1.30	PHS 08B-2TB114
	14	71.34	A	1008	9	25.4	25.5	–	8.97	25.22	0.43	0.09	PHS 10B-2TBH14
	15	76.36	A	1210	11	31.8	25.5	–	8.97	25.22	0.39	0.21	PHS 10B-2TBH15
15.88	16	81.37	A	1610	14	41.3	25.5	–	8.97	25.22	0.35	0.31	PHS 10B-2TBH16
	17	86.39	A	1610	14	41.3	25.5	–	8.97	25.22	0.46	0.31	PHS 10B-2TBH17
	18	91.42	A	1610	14	41.3	25.5	–	8.97	25.22	0.62	0.31	PHS 10B-2TBH18
	19	96.45	A	1610	14	41.3	25.5	–	8.97	25.22	0.75	0.31	PHS 10B-2TBH19
	20	101.49	B	1610	14	41.3	25.5	–	8.97	25.55	0.87	0.31	PHS 10B-2TBH20
	21	106.52	B	1610	14	41.3	25.5	–	8.97	25.55	1.05	0.31	PHS 10B-2TBH21
	22	111.55	B	1610	14	41.3	25.5	–	8.97	25.55	1.20	0.31	PHS 10B-2TBH22
	23	116.58	B	1610	14	41.3	25.5	–	8.97	25.55	1.38	0.31	PHS 10B-2TBH23
	24	121.62	B	2012	14	50.8	32.0	90	8.97	25.55	1.43	0.59	PHS 10B-2TBH24
	25	126.66	B	2012	14	50.8	32.0	90	8.97	25.55	1.62	0.59	PHS 10B-2TBH25
	26	131.70	B	2012	14	50.8	32.0	90	8.97	25.55	1.79	0.59	PHS 10B-2TB26
	27	136.75	B	2012	14	50.8	32.0	90	8.97	25.55	2.00	0.59	PHS 10B-2TB27
	28	141.78	B	2012	14	50.8	32.0	90	8.97	25.55	2.20	0.59	PHS 10B-2TB28
	29	146.83	B	2012	14	50.8	32.0	90	8.97	25.55	2.43	0.59	PHS 10B-2TB29
	30	151.87	B	2012	14	50.8	32.0	90	8.97	25.55	2.66	0.59	PHS 10B-2TB30
	36	182.15	C	2517	16	63.5	45.0	110	8.97	25.55	4.33	1.30	PHS 10B-2TB36
	38	192.24	C	2517	14	50.8	45.0	110	8.97	25.55	4.88	0.59	PHS 10B-2TB38
	42	212.44	C	2517	16	63.5	45.0	110	8.97	25.55	5.99	1.30	PHS 10B-2TB42
	45	227.58	C	2517	16	63.5	45.0	110	8.97	25.55	6.83	1.30	PHS 10B-2TB45
	48	242.73	C	2517	16	63.5	45.0	110	8.97	25.55	7.66	1.30	PHS 10B-2TB48
	57	288.18	C	2517	16	63.5	45.0	110	8.97	25.55	10.15	1.30	PHS 10B-2TB57
	60	303.32	C	2517	16	63.5	45.0	110	8.97	25.55	10.99	1.30	PHS 10B-2TB60
	68	343.74	C	2517	16	63.5	45.0	110	8.97	25.55	13.21	1.30	PHS 10B-2TB68
	76	384.16	C	2517	16	63.5	45.0	110	8.97	25.55	15.43	1.30	PHS 10B-2TB76
	84	424.57	C	2517	16	63.5	45.0	110	8.97	25.55	17.65	1.30	PHS 10B-2TB84
	95	480.14	C	2517	16	63.5	45.0	110	8.97	25.55	20.70	1.30	PHS 10B-2TB95
	114	576.13	C	2517	16	63.5	45.0	110	8.97	25.55	25.97	1.30	PHS 10B-2TB114
19.05	12	73.61	A	1215	11	31.8	30.3	–	10.87	30.33	0.19	0.30	PHS 12B-2TBH12
	13	79.59	A	1215	14	41.3	30.3	–	10.87	30.33	0.36	0.30	PHS 12B-2TBH13
	14	85.61	A	1215	14	41.3	30.3	–	10.87	30.33	0.53	0.30	PHS 12B-2TBH14
	15	91.63	A	1610	14	41.3	30.3	–	10.87	30.33	0.70	0.31	PHS 12B-2TBH15
	16	97.65	A	1610	14	41.3	30.3	–	10.87	30.33	0.87	0.31	PHS 12B-2TBH16
	17	103.67	A	1610	14	41.3	30.3	–	10.87	30.33	1.10	0.31	PHS 12B-2TBH17
	18	109.71	B	2012	14	50.8	31.8	90	10.87	30.33	1.05	0.59	PHS 12B-2TBH18
	19	115.75	B	2012	14	50.8	32.0	90	10.87	30.33	1.29	0.59	PHS 12B-2TBH19
	20	121.78	B	2517	16	63.5	45.0	102	10.87	30.33	1.34	1.30	PHS 12B-2TBH20
	21	127.82	B	2517	16	63.5	45.0	108	10.87	30.33	1.71	1.30	PHS 12B-2TBH21
	22	133.86	B	2517	16	63.5	45.0	108	10.87	30.33	2.03	1.30	PHS 12B-2TBH22
	23	139.90	B	2517	16	63.5	45.0	108	10.87	30.33	2.51	1.30	PHS 12B-2TBH23
	24	145.94	B	2517	16	63.5	45.0	108	10.87	30.33	2.58	1.30	PHS 12B-2TBH24
	25	152.00	B	2517	16	63.5	45.0	108	10.87	30.33	3.38	1.30	PHS 12B-2TBH25
	26	158.04	B	2517	16	63.5	45.0	108	10.87	30.33	3.24	1.30	PHS 12B-2TB26

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-2TBH16.

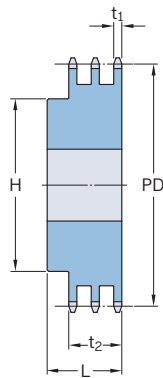
Metric sprockets, duplex, taper bushed

ISO 12B-2 · 19.05 mm pitch | ISO 16B-2 · 25.40 mm pitch

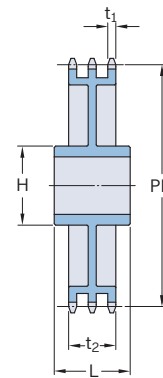
Pitch	Number of teeth	Pitch diameter PD	Type	Bushing number	Dimensions Bore		L	H	Plate thickness		Mass Rim	Bushing	Designation
					Min.	Max.			t ₁	t ₂			
mm	–	mm	–		mm						kg		–
19.05	27	164.09	B	2517	16	63.5	45.0	108	10.87	30.33	4.00	1.30	PHS 12B-2TB27
	28	170.13	B	2517	16	63.5	45.0	108	10.87	30.33	3.92	1.30	PHS 12B-2TB28
	30	182.25	B	2517	16	63.5	45.0	108	10.87	30.33	5.14	1.30	PHS 12B-2TB30
	32	194.36	B	2517	16	63.5	44.5	130	10.87	30.33	5.92	1.30	PHS 12B-2TB32
	35	212.52	B	2517	16	63.5	44.5	130	10.87	30.33	7.08	1.30	PHS 12B-2TB35
	38	230.69	B	3020	25	76.2	51.0	140	10.87	30.33	6.95	2.24	PHS 12B-2TB38
	40	242.81	C	3020	25	76.2	51.0	140	10.87	30.33	9.03	2.24	PHS 12B-2TB40
	42	254.93	C	3020	25	76.2	51.0	140	10.87	30.33	9.81	2.24	PHS 12B-2TB42
	45	273.10	C	3020	25	76.2	51.0	140	10.87	30.33	9.33	2.24	PHS 12B-2TB45
	54	327.64	C	3020	25	76.2	51.0	140	10.87	30.33	14.47	2.24	PHS 12B-2TB54
	57	345.81	C	3020	25	76.2	51.0	140	10.87	30.33	10.50	2.24	PHS 12B-2TB57
	60	363.99	C	3020	25	76.2	51.0	140	10.87	30.33	16.80	2.24	PHS 12B-2TB60
	65	394.29	C	3020	25	76.2	51.0	140	10.87	30.33	18.75	2.24	PHS 12B-2TB65
	70	424.60	C	3020	25	76.2	51.0	140	10.87	30.33	20.69	2.24	PHS 12B-2TB70
	76	460.99	C	3020	25	76.2	51.0	140	10.87	30.33	17.06	2.24	PHS 12B-2TB76
	84	509.48	C	3020	25	76.2	51.0	140	10.87	30.33	26.13	2.24	PHS 12B-2TB84
	95	576.17	C	3020	25	76.2	51.0	140	10.87	30.33	28.50	2.24	PHS 12B-2TB95
	114	691.36	C	3020	25	76.2	76.0	140	10.87	30.33	37.80	2.24	PHS 12B-2TB114
25.40	13	106.12	A	1615	14	42.0	47.7	–	15.83	47.71	0.51	0.59	PHS 16B-2TBH13
	14	114.15	A	2012	14	50.8	47.7	–	15.83	47.71	1.01	0.59	PHS 16B-2TBH14
	15	122.17	A	2012	14	50.8	47.7	–	15.83	47.71	2.12	0.59	PHS 16B-2TBH15
	16	130.20	A	2517	16	63.5	47.7	–	15.83	47.71	2.01	1.30	PHS 16B-2TBH16
	17	138.22	A	2517	16	63.5	47.7	–	15.83	47.71	2.51	1.30	PHS 16B-2TBH17
	18	146.28	A	2517	16	63.5	47.7	–	15.83	47.71	3.13	1.30	PHS 16B-2TBH18
	19	154.33	A	2517	16	63.5	47.7	–	15.83	47.71	3.76	1.30	PHS 16B-2TBH19
	20	162.38	B	2517	16	63.5	47.7	140	15.83	47.71	4.43	1.30	PHS 16B-2TBH20
	21	170.43	B	3020	25	76.2	51.0	140	15.83	47.71	4.13	2.24	PHS 16B-2TBH21
	22	178.48	B	3020	25	76.2	51.0	140	15.83	47.71	4.95	2.24	PHS 16B-2TBH22
	23	186.53	B	3020	25	76.2	51.0	140	15.83	47.71	5.80	2.24	PHS 16B-2TBH23
	24	194.59	B	3020	25	76.2	51.0	140	15.83	47.71	6.68	2.24	PHS 16B-2TBH24
	25	202.66	B	3020	25	76.2	51.0	140	15.83	47.71	7.65	2.24	PHS 16B-2TBH25
	26	210.72	B	3020	25	76.2	51.0	140	15.83	47.71	8.50	2.24	PHS 16B-2TB26
	27	218.79	B	3020	25	76.2	51.0	140	15.83	47.71	9.47	2.24	PHS 16B-2TB27
	28	226.85	B	3020	25	76.2	51.0	140	15.83	47.71	10.46	2.24	PHS 16B-2TB28
	29	234.92	B	3020	25	76.2	51.0	140	15.83	47.71	11.48	2.24	PHS 16B-2TB29
	30	243.00	B	3020	25	76.2	51.0	140	15.83	47.71	12.50	3.04	PHS 16B-2TB30
	35	283.36	C	3030	35	76.2	76.0	140	15.83	47.71	16.36	3.04	PHS 16B-2TB35
	38	307.59	C	3030	25	63.5	51.0	140	15.83	47.71	13.48	3.04	PHS 16B-2TB38
	42	339.90	C	3030	35	76.2	76.0	140	15.83	47.71	22.52	2.24	PHS 16B-2TB42
	45	364.13	C	3030	35	76.2	76.0	140	15.83	47.71	18.30	3.04	PHS 16B-2TB45
	57	461.07	C	3525	35	100.0	63.5	175	15.83	47.71	27.00	3.56	PHS 16B-2TB57
	76	614.65	C	3525	35	100.0	63.5	175	15.83	47.71	43.50	3.56	PHS 16B-2TB76
	95	768.22	C	4040	40	101.6	102.0	215	15.83	47.71	67.00	5.54	PHS 16B-2TB95
	114	921.81	C	4040	40	101.6	102.0	215	15.83	47.71	85.88	5.54	PHS 16B-2TB114

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-2TBH16.

Metric sprockets, triplex, pilot bore
ISO 06B-3 · 9.525 mm pitch | ISO 08B-3 · 12.70 mm pitch



Type B



Type C

Pitch	Number of teeth	Pitch diameter PD	Type	Dimensions		Hub H	L	t ₁	Plate thickness		Mass	Designation
				Bore Min.	Max.				t ₂			
mm	–	mm	–	mm							kg	–
9.525	12	36.80	B	10	16	25	35	5.20	25.70	0.23		PHS 06B-3BH12
	13	39.79	B	10	18	28	35	5.20	25.70	0.27		PHS 06B-3BH13
	14	42.80	B	12	18	31	35	5.20	25.70	0.32		PHS 06B-3BH14
	15	45.81	B	12	20	34	35	5.20	25.70	0.36		PHS 06B-3BH15
	16	48.82	B	12	20	37	35	5.20	25.70	0.45		PHS 06B-3BH16
	17	51.83	B	12	24	40	35	5.20	25.70	0.54		PHS 06B-3BH17
	18	54.85	B	12	25	43	35	5.20	25.70	0.64		PHS 06B-3BH18
	19	57.87	B	12	28	46	35	5.20	25.70	0.72		PHS 06B-3BH19
	20	60.89	B	12	30	49	35	5.20	25.70	0.77		PHS 06B-3BH20
	21	63.91	B	14	30	52	40	5.20	25.70	0.86		PHS 06B-3BH21
	22	66.93	B	14	35	55	40	5.20	25.70	0.95		PHS 06B-3BH22
	23	69.95	B	14	38	58	40	5.20	25.70	1.04		PHS 06B-3BH23
	24	72.97	B	14	39	61	40	5.20	25.70	1.18		PHS 06B-3BH24
	25	76.02	B	14	40	64	40	5.20	25.70	1.27		PHS 06B-3BH25
	26	79.02	B	14	42	67	40	5.20	25.70	1.31		PHS 06B-3BH26
	27	82.02	B	14	45	70	40	5.20	25.70	1.36		PHS 06B-3BH27
	28	85.07	B	14	48	73	40	5.20	25.70	1.50		PHS 06B-3BH28
	29	88.09	B	14	50	76	40	5.20	25.70	1.68		PHS 06B-3BH29
	30	91.12	B	14	52	79	40	5.20	25.70	1.72		PHS 06B-3BH30
	32	97.17	B	16	52	80	40	5.20	25.70	2.00		PHS 06B-3BH32
	35	106.26	B	16	52	85	40	5.20	25.70	2.25		PHS 06B-3BH35
	36	109.29	B	16	60	90	40	5.20	25.70	2.33		PHS 06B-3BH36
	38	115.35	B	16	60	90	40	5.20	25.70	2.49		PHS 06B-3BH38
	40	121.40	B	16	60	90	40	5.20	25.70	2.65		PHS 06B-3BH40
	42	127.46	B	16	60	90	56	5.20	25.70	2.81		PHS 06B-3BH42
	45	136.55	B	16	60	90	56	5.20	25.70	3.00		PHS 06B-3BH45
	48	145.64	B	16	60	90	56	5.20	25.70	3.20		PHS 06B-3BH48
	52	157.75	B	16	60	90	56	5.20	25.70	3.46		PHS 06B-3BH52
	57	172.91	B	16	60	90	56	5.20	25.70	4.77		PHS 06B-3BH57
	60	181.99	B	16	60	90	56	5.20	25.70	5.02		PHS 06B-3BH60
	68	206.24	B	16	60	90	56	5.20	25.70	5.69		PHS 06B-3BH68
	70	212.30	B	16	60	90	56	5.20	25.70	5.86		PHS 06B-3BH70
	72	218.37	B	16	60	90	56	5.20	25.70	6.02		PHS 06B-3BH72
	76	230.49	B	16	64	90	56	5.20	25.70	8.48		PHS 06B-3BH76
	84	254.74	B	16	64	90	56	5.20	25.70	9.37		PHS 06B-3BH84
	95	288.08	B	16	64	90	56	5.20	25.70	13.61		PHS 06B-3BH95
	96	291.11	B	16	64	90	56	5.20	25.70	13.75		PHS 06B-3BH96
	114	345.69	B	16	64	90	56	5.20	25.70	17.48		PHS 06B-3BH114
12.70	11	45.07	B	14	22	32	50	7.24	35.05	0.32		PHS 08B-3BH11
	12	49.07	B	14	24	35	50	7.24	35.05	0.45		PHS 08B-3BH12
	13	53.06	B	14	25	38	50	7.24	35.05	0.59		PHS 08B-3BH13
	14	57.07	B	14	28	42	50	7.24	35.05	0.72		PHS 08B-3BH14
	15	61.09	B	14	31	46	50	7.24	35.05	0.81		PHS 08B-3BH15
	16	65.10	B	16	35	50	50	7.24	35.05	0.90		PHS 08B-3BH16
	17	69.11	B	16	36	54	50	7.24	35.05	1.04		PHS 08B-3BH17
	18	73.14	B	16	38	58	50	7.24	35.05	1.22		PHS 08B-3BH18
	19	77.16	B	16	40	62	50	7.24	35.05	1.41		PHS 08B-3BH19
	20	81.19	B	16	40	66	50	7.24	35.05	1.58		PHS 08B-3BH20
	21	85.22	B	16	45	70	55	7.24	35.05	1.81		PHS 08B-3BH21
	22	89.24	B	16	45	70	55	7.24	35.05	2.03		PHS 08B-3BH22
	23	93.27	B	16	45	70	55	7.24	35.05	2.27		PHS 08B-3BH23
	24	97.29	B	16	50	75	55	7.24	35.05	2.44		PHS 08B-3BH24
	25	101.33	B	16	52	80	55	7.24	35.05	2.54		PHS 08B-3BH25

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-3BH12.

Metric sprockets, triplex, standard

ISO 08B-3 · 12.70 mm pitch | ISO 10B-3 · 15.88 mm pitch | ISO 12B-3 · 19.05 mm pitch

Pitch	Number of teeth	Pitch diameter PD	Type	Dimensions Bore		Hub H	L	Plate thickness t ₁ t ₂		Mass ¹⁾	Designation
mm	–	mm	–	mm	Max.					kg	–
12.70	26	105.36	B	20	56	85	55	7.24	35.05	2.85	PHS 08B-3B26
	27	109.40	B	20	56	85	55	7.24	35.05	2.85	PHS 08B-3B27
	28	113.42	B	20	60	90	55	7.24	35.05	3.16	PHS 08B-3B28
	29	117.46	B	20	62	95	55	7.24	35.05	3.34	PHS 08B-3B29
	30	121.50	B	20	64	100	55	7.24	35.05	3.48	PHS 08B-3B30
	35	141.68	B	20	73	110	55	7.24	35.05	4.79	PHS 08B-3B35
	36	145.72	B	25	80	120	55	7.24	35.05	5.43	PHS 08B-3B36
	38	153.80	B	25	80	120	55	7.24	35.05	6.49	PHS 08B-3B38
	42	169.95	B	25	80	120	60	7.24	35.05	7.17	PHS 08B-3B42
	45	182.07	B	25	80	120	60	7.24	35.05	7.69	PHS 08B-3B45
	48	194.18	B	25	80	120	60	7.24	35.05	8.20	PHS 08B-3B48
	52	210.34	B	25	80	120	60	7.24	35.05	8.88	PHS 08B-3B52
	54	218.43	B	25	80	120	60	7.24	35.05	9.22	PHS 08B-3B54
	57	230.54	B	25	80	120	60	7.24	35.05	12.62	PHS 08B-3B57
	60	242.66	B	25	85	120	60	7.24	35.05	13.84	PHS 08B-3B60
	68	274.99	B	25	85	120	60	7.24	35.05	15.69	PHS 08B-3B68
	72	291.16	B	25	85	120	60	7.24	35.05	16.61	PHS 08B-3B72
	76	307.33	B	25	85	120	60	7.24	35.05	22.23	PHS 08B-3B76
	84	339.65	B	25	85	120	60	7.24	35.05	24.57	PHS 08B-3B84
	95	384.11	B	25	85	120	60	7.24	35.05	33.11	PHS 08B-3B95
	114	460.90	B	25	85	120	60	7.24	35.05	41.90	PHS 08B-3B114
15.88	11	56.34	B	16	24	39	55	8.97	42.14	0.68	PHS 10B-3BH11
	12	61.34	B	16	29	44	55	8.97	42.14	0.82	PHS 10B-3BH12
	13	66.32	B	16	34	49	55	8.97	42.14	1.05	PHS 10B-3BH13
	14	71.34	B	16	35	54	55	8.97	42.14	1.23	PHS 10B-3BH14
	15	76.36	B	16	38	59	55	8.97	42.14	1.36	PHS 10B-3BH15
	16	81.37	B	16	42	64	60	8.97	42.14	1.55	PHS 10B-3BH16
	17	86.38	B	16	45	69	60	8.97	42.14	1.81	PHS 10B-3BH17
	18	91.42	B	16	48	74	60	8.97	42.14	2.09	PHS 10B-3BH18
	19	96.45	B	16	52	79	60	8.97	42.14	2.40	PHS 10B-3BH19
	20	101.49	B	16	56	84	60	8.97	42.14	2.72	PHS 10B-3BH20
	21	106.52	B	20	56	85	60	8.97	42.14	3.04	PHS 10B-3BH21
	22	111.55	B	20	60	90	60	8.97	42.14	3.36	PHS 10B-3BH22
	23	116.58	B	20	62	95	60	8.97	42.14	3.67	PHS 10B-3BH23
	24	121.62	B	20	64	100	60	8.97	42.14	4.00	PHS 10B-3BH24
	25	126.66	B	20	68	105	60	8.97	42.14	4.31	PHS 10B-3BH25
	26	131.70	B	20	73	110	60	8.97	42.14	5.18	PHS 10B-3B26
	27	136.75	B	20	73	110	60	8.97	42.14	5.63	PHS 10B-3B27
	28	141.78	B	20	76	115	60	8.97	42.14	6.04	PHS 10B-3B28
	29	146.83	B	20	76	115	60	8.97	42.14	6.22	PHS 10B-3B29
	30	151.87	B	20	80	120	60	8.97	42.14	6.36	PHS 10B-3B30
	32	161.95	B	20	80	120	60	8.97	42.14	7.26	PHS 10B-3B32
	35	177.10	B	20	80	120	60	8.97	42.14	8.60	PHS 10B-3B35
	36	182.15	B	25	80	120	60	8.97	42.14	9.34	PHS 10B-3B36
	38	192.24	B	25	80	120	60	8.97	42.14	11.03	PHS 10B-3B38
	45	227.58	B	25	80	130	60	8.97	42.14	14.94	PHS 10B-3B45
	48	242.73	B	25	80	130	60	8.97	42.14	16.62	PHS 10B-3B48
	57	288.18	B	25	80	130	64	8.97	42.14	21.77	PHS 10B-3B57
	60	303.32	B	25	80	130	67	8.97	42.14	22.22	PHS 10B-3B60
	76	384.16	C	25	80	130	67	8.97	42.14	23.13	PHS 10B-3C76
	80	404.35	C	25	80	130	67	8.97	42.14	25.14	PHS 10B-3C80
	95	480.14	C	25	80	130	67	8.97	42.14	32.66	PHS 10B-3C95
	114	576.13	C	25	80	130	67	8.97	42.14	44.76	PHS 10B-3C114
19.05	11	67.61	B	20	32	47	70	10.87	49.78	1.13	PHS 12B-3BH11
	12	73.61	B	20	36	53	70	10.87	49.78	1.50	PHS 12B-3BH12
	13	79.59	B	20	38	59	70	10.87	49.78	1.77	PHS 12B-3BH13
	14	85.61	B	20	42	65	70	10.87	49.78	2.04	PHS 12B-3BH14
	15	91.63	B	20	45	71	70	10.87	49.78	2.45	PHS 12B-3BH15
	16	97.65	B	20	51	77	70	10.87	49.78	2.95	PHS 12B-3BH16
	17	103.67	B	20	54	83	70	10.87	49.78	3.49	PHS 12B-3BH17
	18	109.71	B	20	60	89	70	10.87	49.78	3.86	PHS 12B-3BH18
	19	115.75	B	20	62	95	70	10.87	49.78	4.54	PHS 12B-3BH19
	20	121.78	B	20	64	100	70	10.87	49.78	5.08	PHS 12B-3BH20
	21	127.82	B	20	64	100	70	10.87	49.78	5.67	PHS 12B-3BH21
	22	133.86	B	20	64	100	70	10.87	49.78	5.99	PHS 12B-3BH22
	23	139.90	B	20	73	110	70	10.87	49.78	6.62	PHS 12B-3BH23
	24	145.94	B	20	73	110	70	10.87	49.78	7.17	PHS 12B-3BH24
	25	152.00	B	20	80	120	70	10.87	49.78	7.71	PHS 12B-3BH25
	26	158.04	B	20	80	120	70	10.87	49.78	8.44	PHS 12B-3B26
	27	164.09	B	20	80	120	70	10.87	49.78	8.99	PHS 12B-3B27
	28	170.13	B	20	80	120	70	10.87	49.78	9.49	PHS 12B-3B28
	29	176.19	B	20	80	120	70	10.87	49.78	9.99	PHS 12B-3B29
	30	182.25	B	20	80	120	70	10.87	49.78	10.53	PHS 12B-3B30

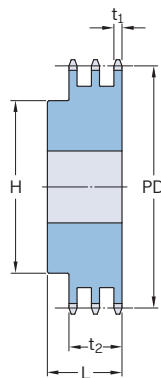
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.

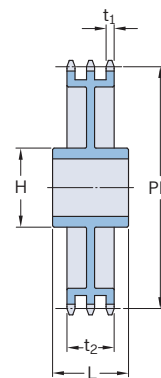
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-3BH12.

Metric sprockets, triplex, standard

ISO 12B-3 · 19.05 mm pitch | ISO 16B-3 · 25.40 mm pitch | ISO 20B-3 · 31.75 mm pitch



Type B



Type C

Pitch	Number of teeth	Pitch diameter PD	Type	Dimensions		Hub H	L	Plate thickness		Mass	Designation
				Bore Min.	Max.			t ₁	t ₂		
mm	–	mm	–	mm						kg	–
19.05	35	212.52	B	25	85	130	70	10.87	49.78	18.95	PHS 12B-3B35
	36	218.58	B	25	85	130	70	10.87	49.78	19.49	PHS 12B-3B36
	38	230.69	B	25	85	130	70	10.87	49.78	20.57	PHS 12B-3B38
	45	273.10	B	25	85	140	70	10.87	49.78	24.36	PHS 12B-3B45
	48	291.27	B	25	85	140	70	10.87	49.78	25.98	PHS 12B-3B48
	57	345.81	B	25	82	140	70	10.87	49.78	33.73	PHS 12B-3B57
	60	363.99	C	25	82	140	70	10.87	49.78	35.51	PHS 12B-3C60
	68	412.49	C	25	82	140	70	10.87	49.78	40.24	PHS 12B-3C68
	76	460.99	C	25	95	140	70	10.87	49.78	37.19	PHS 12B-3C76
	80	485.22	C	25	95	140	70	10.87	49.78	39.15	PHS 12B-3C80
25.40	95	576.17	C	25	95	140	70	10.87	49.78	47.63	PHS 12B-3C95
	10	90.14	B	20	42	56	95	15.82	79.58	1.85	PHS 16B-3BH10
	11	90.14	B	25	42	64	100	15.82	79.58	3.59	PHS 16B-3BH11
	12	98.14	B	25	45	72	100	15.82	79.58	3.59	PHS 16B-3BH12
	13	106.12	B	25	52	80	100	15.82	79.58	4.13	PHS 16B-3BH13
	14	114.15	B	25	58	88	100	15.82	79.58	4.68	PHS 16B-3BH14
	15	122.17	B	25	62	96	100	15.82	79.58	5.54	PHS 16B-3BH15
	16	130.20	B	25	66	104	100	15.82	79.58	6.81	PHS 16B-3BH16
	17	138.22	B	25	74	112	100	15.82	79.58	8.07	PHS 16B-3BH17
	18	146.28	B	25	80	120	100	15.82	79.58	9.99	PHS 16B-3BH18
	19	154.33	B	25	84	128	100	15.82	79.58	10.89	PHS 16B-3BH19
	20	162.38	B	25	85	130	100	15.82	79.58	11.80	PHS 16B-3BH20
	21	170.43	B	25	85	130	100	15.82	79.58	13.61	PHS 16B-3BH21
	22	178.48	B	25	85	130	100	15.82	79.58	14.07	PHS 16B-3BH22
	23	186.53	B	25	85	130	100	15.82	79.58	14.97	PHS 16B-3BH23
	24	194.59	B	25	85	130	100	15.82	79.58	16.34	PHS 16B-3BH24
	25	202.66	B	25	85	130	100	15.82	79.58	17.70	PHS 16B-3BH25
	26	210.72	B	30	85	130	100	15.82	79.58	19.98	PHS 16B-3B26
	27	218.79	B	30	85	130	100	15.82	79.58	21.57	PHS 16B-3B27
	28	226.85	B	30	85	130	100	15.82	79.58	23.15	PHS 16B-3B28
	29	234.92	B	30	85	130	100	15.82	79.58	24.74	PHS 16B-3B29
	30	243.00	B	30	95	136	100	15.82	79.58	26.33	PHS 16B-3B30
	35	283.36	B	30	95	140	100	15.82	79.58	36.06	PHS 16B-3B35
	36	291.44	B	30	95	140	100	15.82	79.58	38.06	PHS 16B-3B36
	38	307.59	C	30	97	140	100	15.82	79.58	38.22	PHS 16B-3C38
	42	339.89	C	30	97	160	100	15.82	79.58	38.51	PHS 16B-3C42
	45	364.13	C	30	97	160	100	15.82	79.58	41.77	PHS 16B-3C45
	57	461.07	C	30	107	180	110	15.82	79.58	54.80	PHS 16B-3C57
	60	485.32	C	30	107	180	110	15.82	79.58	58.06	PHS 16B-3C60
	68	549.98	C	30	107	180	110	15.82	79.58	63.50	PHS 16B-3C68
	76	614.65	C	30	107	180	110	15.82	79.58	74.52	PHS 16B-3C76
	95	768.22	C	30	114	180	110	15.82	79.58	100.70	PHS 16B-3C95
	114	921.81	C	30	114	180	110	15.82	79.58	120.84	PHS 16B-3C114
31.75	10	102.75	B	20	47	70	110	18.19	91.08	3.95	PHS 20B-3BH10
	11	112.70	B	20	52	80	115	18.19	91.08	5.26	PHS 20B-3BH11
	12	122.67	B	20	60	90	115	18.19	91.08	6.21	PHS 20B-3BH12
	13	132.67	B	20	64	100	115	18.19	91.08	9.26	PHS 20B-3BH13
	14	142.68	B	20	73	110	115	18.19	91.08	9.76	PHS 20B-3BH14
	15	152.71	B	20	80	120	115	18.19	91.08	10.81	PHS 20B-3BH15
	16	162.75	B	25	80	120	115	18.19	91.08	12.76	PHS 20B-3BH16
	17	172.79	B	25	80	120	115	18.19	91.08	14.76	PHS 20B-3BH17
	18	182.84	B	25	80	120	115	18.19	91.08	16.71	PHS 20B-3BH18
	19	192.90	B	25	80	120	115	18.19	91.08	19.13	PHS 20B-3BH19

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.

For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-3BH12.

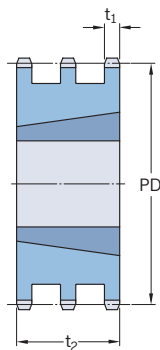
Metric sprockets, triplex, standard
ISO 20B-3 · 31.75 mm pitch

Pitch	Number of teeth	Pitch diameter PD	Type	Dimensions Bore		Hub H	L	Plate thickness		Mass ¹⁾	Designation
				Min.	Max.			t ₁	t ₂		
mm	—	mm	—	mm						kg	—
31.75	20	202.96	B	25	80	120	115	18.19	91.08	21.57	PHS 20B-3BH20
	21	213.03	B	25	92	140	115	18.19	91.08	23.36	PHS 20B-3BH21
	22	223.10	B	25	92	140	115	18.19	91.08	25.65	PHS 20B-3BH22
	23	233.17	B	25	92	140	115	18.19	91.08	27.90	PHS 20B-3BH23
	24	243.25	B	25	95	140	115	18.19	91.08	27.19	PHS 20B-3BH24
	25	253.32	B	25	95	140	115	18.19	91.08	27.90	PHS 20B-3BH25
	26	263.41	B	25	95	150	115	18.19	91.08	31.90	PHS 20B-3BH26
	27	273.49	B	25	95	150	115	18.19	91.08	35.90	PHS 20B-3BH27
	28	283.57	B	25	95	150	115	18.19	91.08	39.90	PHS 20B-3BH28
	30	303.75	B	25	95	150	115	18.19	91.08	47.90	PHS 20B-3BH30
	32	323.92	B	30	95	150	115	18.19	91.08	51.57	PHS 20B-3BH32
	35	354.20	C	30	97	150	115	18.19	91.08	57.29	PHS 20B-3BH35
	36	364.29	C	30	97	150	115	18.19	91.08	59.35	PHS 20B-3BH36
	38	384.48	C	30	97	150	115	18.19	91.08	62.56	PHS 20B-3BH38
	42	424.86	C	30	97	160	110	18.19	91.08	70.12	PHS 20B-3BH42
	45	455.15	C	30	97	160	110	18.19	91.08	75.84	PHS 20B-3BH45
	57	576.35	C	30	102	180	123	18.19	91.08	100.11	PHS 20B-3BH57
	60	606.66	C	30	102	180	123	18.19	91.08	104.86	PHS 20B-3BH60
	68	687.48	C	30	102	200	123	18.19	91.08	117.54	PHS 20B-3BH68
	76	768.30	C	30	102	200	123	18.19	91.08	130.21	PHS 20B-3BH76
	80	808.71	C	30	102	200	123	18.19	91.08	136.55	PHS 20B-3BH80
	95	960.28	C	30	102	200	123	18.19	91.08	160.31	PHS 20B-3BH95
	114	1152.27	C	30	102	200	126	18.19	91.08	190.41	PHS 20B-3BH114

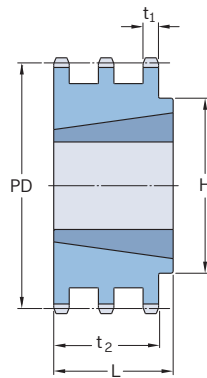
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
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For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-3BH12.

Metric sprockets, triplex, taper bushed

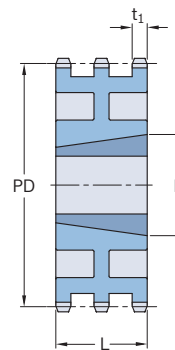
ISO 12B-3 · 19.05 mm pitch | ISO 16B-3 · 25.40 mm pitch



Type A



Type B

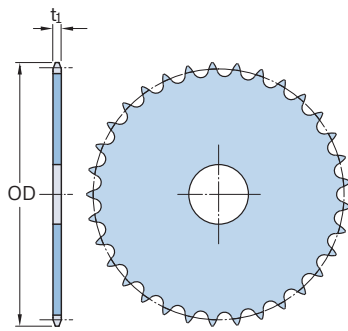


Type C

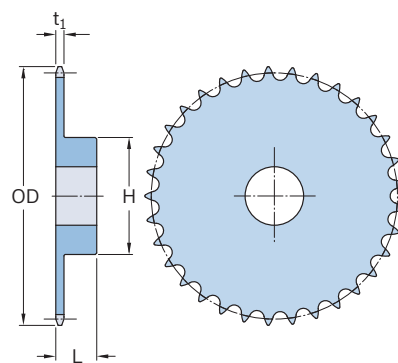
Pitch	Number of teeth	Pitch diameter PD	Type	Bushing number	Dimensions Bore		L		H	Plate thickness t ₁ t ₂		Mass	Designation
mm	—	mm	—		Min.	Max.						kg	—
19.05	17	103.67	A	2012	14	50	—	—	—	10.87	49.78	1.28	PHS 12B-3TBH17
	19	115.75	A	2517	16	65	—	—	—	10.87	49.78	2.02	PHS 12B-3TBH19
	21	127.82	A	2517	16	65	—	—	—	10.87	49.78	2.09	PHS 12B-3TBH21
	23	139.90	A	2517	16	65	—	—	—	10.87	49.78	3.00	PHS 12B-3TBH23
	25	152.00	A	3020	25	75	—	—	—	10.87	49.78	3.97	PHS 12B-3TBH25
	27	164.09	B	3020	25	75	140	51.0	—	10.87	49.78	3.83	PHS 12B-3TB27
	30	182.25	B	3020	25	75	140	51.0	—	10.87	49.78	5.72	PHS 12B-3TB30
	38	230.69	B	3020	25	75	140	51.0	—	10.87	49.78	7.76	PHS 12B-3TB38
	45	273.10	C	3020	25	75	140	51.0	—	10.87	49.78	10.04	PHS 12B-3TB45
	57	345.81	C	3020	25	75	140	51.0	—	10.87	49.78	14.42	PHS 12B-3TB57
	76	460.99	C	3020	25	75	140	51.0	—	10.87	49.78	25.50	PHS 12B-3TB76
	95	576.17	C	3030	25	75	140	76.0	—	10.87	49.78	36.58	PHS 12B-3TB95
	114	691.36	C	3030	25	75	140	76.0	—	10.87	49.78	47.66	PHS 12B-3TB114
	114	691.36	C	3030	25	75	140	76.0	—	10.87	49.78	47.66	PHS 12B-3TB114
25.40	17	138.22	A	2517	16	65	—	—	—	15.82	79.58	4.20	PHS 16B-3TBH17
	19	154.33	B	3020	35	75	—	76.2	—	15.82	79.58	4.30	PHS 16B-3TBH19
	21	170.43	B	3020	35	75	—	76.2	—	15.82	79.58	6.60	PHS 16B-3TBH21
	23	186.53	B	3525	35	100	—	65.0	—	15.82	79.58	7.00	PHS 16B-3TBH23
	25	202.66	B	3525	35	100	—	65.0	—	15.82	79.58	9.80	PHS 16B-3TBH25
	27	218.79	B	3525	35	100	—	65.0	—	15.82	79.58	12.80	PHS 16B-3TB27
	30	243.00	B	3525	35	100	—	65.0	—	15.82	79.58	18.00	PHS 16B-3TB30
	38	307.59	B	3535	35	100	178	89.0	—	15.82	79.58	21.50	PHS 16B-3TB38
	45	364.13	C	4040	40	115	216	102.0	—	15.82	79.58	33.50	PHS 16B-3TB45
	57	461.07	C	4040	40	115	216	102.0	—	15.82	79.58	39.50	PHS 16B-3TB57
	76	614.65	C	4040	40	115	216	102.0	—	15.82	79.58	59.50	PHS 16B-3TB76
	95	779.77	C	4040	40	115	216	102.0	—	15.82	79.58	89.50	PHS 16B-3TB95
	114	914.88	C	4040	40	115	216	102.0	—	15.82	79.58	119.50	PHS 16B-3TB114
	133	1050.00	C	4040	40	115	216	102.0	—	15.82	79.58	149.50	PHS 16B-3TB133

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ANSI sprockets, simplex, pilot bore
ANSI 25-1 · 6.35 mm (1/4") pitch



Type A



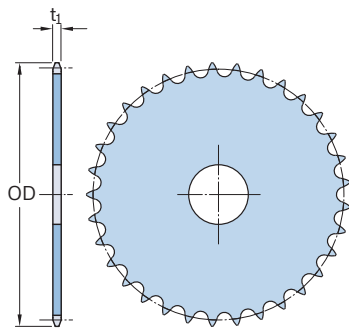
Type B

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub H	L	Plate thickness t ₁	Mass	Designation
mm	in.				Bore stock Min.	Bore Min.	Max.				kg	
6.35	1/4	9	21.34	B	—	6.35	6.35	11.11	12.70	2.790	0.01	PHS 25-1B9
		10	23.37	B	—	6.35	6.35	12.70	12.70	2.790	0.01	PHS 25-1B10
		11	25.40	B	—	6.35	7.94	14.29	12.70	2.790	0.02	PHS 25-1B11
		12	27.43	B	—	6.35	9.53	15.88	12.70	2.790	0.03	PHS 25-1B12
		13	29.72	B	—	6.35	11.11	18.26	12.70	2.790	0.03	PHS 25-1B13
		14	31.75	B	—	6.35	14.29	20.64	12.70	2.790	0.04	PHS 25-1B14
		15	33.78	B	—	6.35	14.29	22.62	12.70	2.790	0.05	PHS 25-1B15
		16	35.81	B	—	6.35	14.29	24.61	12.70	2.790	0.05	PHS 25-1B16
		17	37.85	B	—	6.35	15.88	26.19	12.70	2.790	0.06	PHS 25-1B17
		18	39.88	A	6.35	—	—	—	—	2.790	0.02	PHS 25-1A18
			39.88	B	—	6.35	19.05	28.58	12.70	2.790	0.07	PHS 25-1B18
		19	41.91	A	6.35	—	—	—	—	2.790	0.02	PHS 25-1A19
			41.91	B	—	6.35	20.64	30.96	12.70	2.790	0.09	PHS 25-1B19
		20	43.94	A	6.35	—	—	—	—	2.790	0.02	PHS 25-1A20
			43.94	B	—	6.35	22.23	32.54	15.88	2.790	0.11	PHS 25-1B20
		21	45.97	A	9.53	—	—	—	—	2.790	0.02	PHS 25-1A21
			45.97	B	—	6.35	22.23	34.93	15.88	2.790	0.13	PHS 25-1B21
		22	48.01	A	9.53	—	—	—	—	2.790	0.03	PHS 25-1A22
			48.01	B	—	6.35	23.81	36.51	15.88	2.790	0.14	PHS 25-1B22
		23	50.04	A	9.53	—	—	—	—	2.790	0.03	PHS 25-1A23
			50.04	B	—	6.35	25.40	38.10	15.88	2.790	0.15	PHS 25-1B23
		24	52.07	A	9.53	—	—	—	—	2.790	0.04	PHS 25-1A24
			52.07	B	—	9.53	25.40	38.10	15.88	2.790	0.15	PHS 25-1B24
		25	54.10	A	9.53	—	—	—	—	2.790	0.04	PHS 25-1A25
			54.10	B	—	9.53	25.40	38.10	15.88	2.790	0.15	PHS 25-1B25
		26	56.13	A	9.53	—	—	—	—	2.790	0.04	PHS 25-1A26
			56.13	B	—	9.53	25.40	38.10	15.88	2.790	0.16	PHS 25-1B26
		28	60.20	A	9.53	—	—	—	—	2.790	0.05	PHS 25-1A28
			60.20	B	—	9.53	25.40	38.10	15.88	2.790	0.16	PHS 25-1B28
		30	64.26	A	9.53	—	—	—	—	2.790	0.05	PHS 25-1A30
			64.26	B	—	9.53	25.40	38.10	15.88	2.790	0.17	PHS 25-1B30
		32	68.33	A	9.53	—	—	—	—	2.790	0.06	PHS 25-1A32
			68.33	B	—	9.53	25.40	38.10	15.88	2.790	0.18	PHS 25-1B32
		35	74.42	A	9.53	—	—	—	—	2.790	0.07	PHS 25-1A35
		36	76.45	A	9.53	—	—	—	—	2.790	0.08	PHS 25-1A36
			76.45	B	—	9.53	25.40	38.10	19.05	2.790	0.23	PHS 25-1B36
		40	84.58	A	12.70	—	—	—	—	2.790	0.09	PHS 25-1A40
			84.58	B	—	12.70	34.93	50.80	19.05	2.790	0.24	PHS 25-1B40
		42	88.65	A	12.70	—	—	—	—	2.790	0.11	PHS 25-1A42

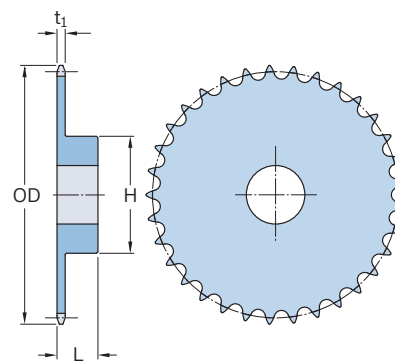
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ANSI sprockets, simplex, pilot bore

ANSI 25-1 · 6.35 mm (1/4") pitch | ANSI 35-1 · 9.53 mm (3/8") pitch



Type A



Type B

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub H	L	Plate thickness t ₁	Mass	Designation
mm	in.				Bore stock Min.	Bore Min.	Max.					
6.35	1/4	45	94.74	A	12.70	—	—	—	—	2.790	0.11	PHS 25-1A45
			94.74	B	—	12.70	34.93	50.80	19.05	2.790	0.25	PHS 25-1B45
		48	100.58	A	12.70	—	—	—	—	2.790	0.15	PHS 25-1A48
			100.58	B	—	12.70	34.93	50.80	19.05	2.790	0.25	PHS 25-1B48
		54	112.78	A	12.70	—	—	—	—	2.790	0.17	PHS 25-1A54
			112.78	B	—	12.70	34.93	50.80	19.05	2.790	0.45	PHS 25-1B54
		60	124.97	A	12.70	—	—	—	—	2.790	0.24	PHS 25-1A60
			124.97	B	—	12.70	34.93	50.80	19.05	2.790	0.50	PHS 25-1B60
		70	145.29	B	—	12.70	34.93	50.80	19.05	2.790	0.57	PHS 25-1B70
		72	149.35	A	12.70	—	—	—	—	2.790	0.34	PHS 25-1A72
			149.35	B	—	12.70	34.93	50.80	19.05	2.790	0.59	PHS 25-1B72
9.53	3/8	8	28.70	B	—	9.53	9.53	19.05	19.05	4.270	0.03	PHS 35-1BH8
		9	32.00	B	—	9.53	9.53	21.43	19.05	4.270	0.04	PHS 35-1BH9
		10	35.05	B	—	9.53	14.29	24.61	19.05	4.270	0.06	PHS 35-1BH10
		11	38.10	B	—	9.53	14.29	26.99	19.05	4.270	0.08	PHS 35-1BH11
		12	41.40	B	—	12.70	14.29	30.96	19.05	4.270	0.09	PHS 35-1BH12
		13	44.45	B	—	12.70	17.46	31.75	19.05	4.270	0.10	PHS 35-1BH13
		14	47.50	B	—	12.70	22.23	31.75	19.05	4.270	0.11	PHS 35-1BH14
		15	50.55	A	12.70	—	—	—	—	4.270	0.05	PHS 35-1A15
			50.55	B	—	12.70	22.23	34.13	19.05	4.270	0.13	PHS 35-1BH15
		16	53.59	A	12.70	—	—	—	—	4.270	0.05	PHS 35-1A16
			53.59	B	—	12.70	23.81	37.31	19.05	4.270	0.16	PHS 35-1BH16
		17	56.64	A	12.70	—	—	—	—	4.270	0.05	PHS 35-1A17
			56.64	B	—	12.70	26.99	40.48	19.05	4.270	0.19	PHS 35-1BH17
		18	59.69	A	12.70	—	—	—	—	4.270	0.06	PHS 35-1A18
			59.69	B	—	12.70	30.16	43.66	19.05	4.270	0.22	PHS 35-1BH18
		19	62.74	A	12.70	—	—	—	—	4.270	0.07	PHS 35-1A19
			62.74	B	—	12.70	31.75	46.83	19.05	4.270	0.24	PHS 35-1BH19
		20	65.79	A	12.70	—	—	—	—	4.270	0.09	PHS 35-1A20
			65.79	B	—	12.70	33.34	49.21	19.05	4.270	0.27	PHS 35-1BH20
		21	68.83	A	12.70	—	—	—	—	4.270	0.09	PHS 35-1A21
			68.83	B	—	12.70	34.93	50.80	22.23	4.270	0.36	PHS 35-1BH21
		22	71.88	A	12.70	—	—	—	—	4.270	0.10	PHS 35-1A22
			71.88	B	—	12.70	34.93	50.80	22.23	4.270	0.36	PHS 35-1BH22
		23	74.93	A	12.70	—	—	—	—	4.270	0.11	PHS 35-1A23
			74.93	B	—	12.70	34.93	50.80	22.23	4.270	0.37	PHS 35-1BH23
		24	77.98	A	12.70	—	—	—	—	4.270	0.12	PHS 35-1A24
			77.98	B	—	12.70	34.93	50.80	22.23	4.270	0.40	PHS 35-1BH24
		25	81.03	A	12.70	—	—	—	—	4.270	0.13	PHS 35-1A25
			81.03	B	—	12.70	34.93	50.80	22.23	4.270	0.40	PHS 35-1BH25

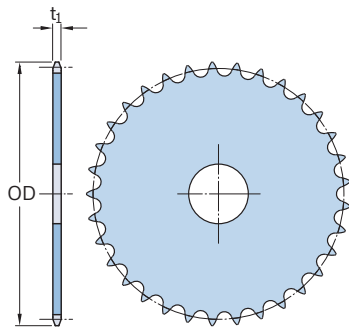
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ANSI sprockets, simplex, pilot bore

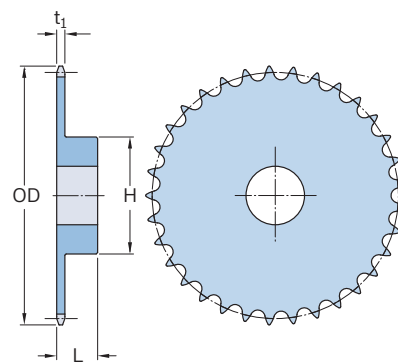
NSI 35-1 · 9.53 mm ($\frac{3}{8}$ " pitch | ANSI 41-1 · 12.70 mm ($\frac{1}{2}$ " pitch

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub H	L	Plate thickness t_1	Mass	Designation
mm	in.				Bore stock Min.	Bore Min.	Max.					
9.53	$\frac{3}{8}$	26	84.07	A	12.70	—	—	—	—	4.270	0.13	PHS 35-1A26
			84.07	B	—	12.70	34.93	50.80	22.23	4.270	0.41	PHS 35-1B26
		27	87.12	A	12.70	—	—	—	—	4.270	0.15	PHS 35-1A27
			87.12	B	—	12.70	34.93	50.80	22.23	4.270	0.43	PHS 35-1B27
		28	90.17	A	12.70	—	—	—	—	4.270	0.15	PHS 35-1A28
			90.17	B	—	12.70	34.93	50.80	22.23	4.270	0.43	PHS 35-1B28
		30	96.27	A	12.70	—	—	—	—	4.270	0.21	PHS 35-1A30
			96.27	B	—	12.70	34.93	50.80	22.23	4.270	0.46	PHS 35-1B30
		32	102.36	A	15.88	—	—	—	—	4.270	0.21	PHS 35-1A32
			102.36	B	—	12.70	34.93	50.80	22.23	4.270	0.56	PHS 35-1B32
		35	111.51	A	15.88	—	—	—	—	4.270	0.27	PHS 35-1A35
			111.51	B	—	15.88	38.10	57.15	22.23	4.270	0.68	PHS 35-1B35
		36	114.55	A	15.88	—	—	—	—	4.270	0.28	PHS 35-1A36
			114.55	B	—	15.88	38.10	57.15	22.23	4.270	0.71	PHS 35-1B36
		40	126.75	A	15.08	—	—	—	—	4.270	0.32	PHS 35-1A40
			126.75	B	—	15.88	38.10	57.15	25.40	4.270	0.73	PHS 35-1B40
		42	132.84	A	15.08	—	—	—	—	4.270	0.35	PHS 35-1A42
			132.84	B	—	15.88	38.10	57.15	25.40	4.270	0.76	PHS 35-1B42
		45	141.99	A	15.08	—	—	—	—	4.270	0.40	PHS 35-1A45
			141.99	B	—	15.88	38.10	57.15	25.40	4.270	0.81	PHS 35-1B45
		48	151.13	A	15.08	—	—	—	—	4.270	0.55	PHS 35-1A48
			151.13	B	—	15.88	38.10	57.15	25.40	4.270	0.85	PHS 35-1B48
		54	169.16	A	15.08	—	—	—	—	4.270	0.60	PHS 35-1A54
			169.16	B	—	15.88	38.10	57.15	25.40	4.270	1.00	PHS 35-1B54
		60	187.45	A	18.26	—	—	—	—	4.270	0.75	PHS 35-1A60
			187.45	B	—	19.05	38.10	57.15	25.40	4.270	1.12	PHS 35-1B60
		70	217.93	A	18.26	—	—	—	—	4.270	1.04	PHS 35-1A70
			217.93	B	—	19.05	38.10	57.15	25.40	4.270	1.42	PHS 35-1B70
		72	223.77	A	18.26	—	—	—	—	4.270	1.16	PHS 35-1A72
			223.77	B	—	19.05	38.10	57.15	25.40	4.270	1.55	PHS 35-1B72
		80	248.16	A	18.26	—	—	—	—	4.270	1.43	PHS 35-1A80
			248.16	B	—	19.05	38.10	57.15	25.40	4.270	1.73	PHS 35-1B80
		84	260.35	A	18.26	—	—	—	—	4.270	1.48	PHS 35-1A84
			260.35	B	—	19.05	38.10	57.15	25.40	4.270	1.92	PHS 35-1B84
		96	296.67	A	18.26	—	—	—	—	4.270	2.10	PHS 35-1A96
			296.67	B	—	19.05	38.10	57.15	25.40	4.270	2.34	PHS 35-1B96
		112	345.19	A	18.26	—	—	—	—	4.270	2.29	PHS 35-1A112
			345.19	B	—	19.05	38.10	57.15	25.40	4.270	3.04	PHS 35-1B112
12.70	$\frac{1}{2}$	6	29.72	B	—	9.53	9.53	16.67	22.23	5.770	0.03	PHS 41-1BH6
		7	34.04	B	—	9.53	9.53	19.05	22.23	5.770	0.05	PHS 41-1BH7
		8	38.35	B	—	12.70	12.70	25.00	22.23	5.770	0.09	PHS 41-1BH8
		9	42.42	B	—	12.70	15.88	28.58	22.23	5.770	0.09	PHS 41-1BH9
		10	46.74	B	—	12.70	19.05	31.75	22.23	5.770	0.12	PHS 41-1BH10
		11	50.80	B	—	12.70	22.23	36.51	22.23	5.770	0.16	PHS 41-1BH11
		12	55.12	B	—	12.70	23.81	39.69	22.23	5.770	0.20	PHS 41-1BH12
		13	59.18	B	—	12.70	25.40	39.69	22.23	5.770	0.23	PHS 41-1BH13
		14	63.25	B	—	12.70	31.75	44.45	22.23	5.770	0.26	PHS 41-1BH14
		15	67.31	A	15.88	—	—	—	—	5.770	0.13	PHS 41-1A15
			67.31	B	—	12.70	33.34	55.56	22.23	5.770	0.33	PHS 41-1BH15
		16	71.37	A	15.88	—	—	—	—	5.770	0.15	PHS 41-1A16
			71.37	B	—	15.88	34.93	52.39	22.23	5.770	0.41	PHS 41-1BH16
		17	75.44	A	15.88	—	—	—	—	5.770	0.16	PHS 41-1A17
			75.44	B	—	15.88	38.10	56.75	25.40	5.770	0.49	PHS 41-1BH17
		18	79.76	A	15.88	—	—	—	—	5.770	0.20	PHS 41-1A18
			79.76	B	—	15.88	41.28	60.33	25.40	5.770	0.57	PHS 41-1BH18
		19	83.82	A	15.88	—	—	—	—	5.770	0.21	PHS 41-1A19

ANSI sprockets, simplex, pilot bore
ANSI 41-1 · 12.70 mm (1/2") pitch



Type A



Type B

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub H	L	Plate thickness t ₁	Mass	Designation
mm	in.				Bore stock Min.	Bore Min.	Max.					
12.70	1/2	19	83.82	B	—	15.88	44.45	62.71	25.40	5.770	0.68	PHS 41-1BH19
		20	87.88	A	15.88	—	—	—	—	5.770	0.24	PHS 41-1A20
			87.88	B	—	15.88	47.63	69.85	25.40	5.770	0.74	PHS 41-1BH20
		21	91.95	A	15.88	—	—	—	—	5.770	0.27	PHS 41-1A21
			91.95	B	—	15.88	47.63	73.03	25.40	5.770	0.82	PHS 41-1BH21
		22	96.01	A	15.88	—	—	—	—	5.770	0.30	PHS 41-1A22
			96.01	B	—	15.88	50.80	76.20	25.40	5.770	0.88	PHS 41-1BH22
		23	100.08	A	15.88	—	—	—	—	5.770	0.33	PHS 41-1A23
			100.08	B	—	15.88	57.15	80.96	25.40	5.770	1.02	PHS 41-1BH23
		24	104.14	A	15.88	—	—	—	—	5.770	0.37	PHS 41-1A24
			104.14	B	—	15.88	57.15	82.55	25.40	5.770	1.06	PHS 41-1BH24
		25	108.20	A	15.88	—	—	—	—	5.770	0.40	PHS 41-1A25
			108.20	B	—	15.88	57.15	82.55	25.40	5.770	1.12	PHS 41-1BH25
		26	112.27	A	15.88	—	—	—	—	5.770	0.43	PHS 41-1A26
			112.27	B	—	15.88	57.15	82.55	25.40	5.770	1.13	PHS 41-1B26
		27	116.33	A	15.88	—	—	—	—	5.770	0.45	PHS 41-1A27
			116.33	B	—	15.88	57.15	82.55	25.40	5.770	1.16	PHS 41-1B27
		28	120.40	A	15.88	—	—	—	—	5.770	0.49	PHS 41-1A28
			120.40	B	—	15.88	57.15	82.55	25.40	5.770	1.20	PHS 41-1B28
		30	128.52	A	15.08	—	—	—	—	5.770	0.54	PHS 41-1A30
			128.52	B	—	15.88	57.15	82.55	25.40	5.770	1.27	PHS 41-1B30
		32	136.65	A	15.08	—	—	—	—	5.770	0.65	PHS 41-1A32
			136.65	B	—	15.88	57.15	82.55	25.40	5.770	1.34	PHS 41-1B32
		35	148.84	A	15.08	—	—	—	—	5.770	0.77	PHS 41-1A35
			148.84	B	—	15.88	60.33	82.55	25.40	5.770	1.42	PHS 41-1B35
		36	152.91	A	15.08	—	—	—	—	5.770	0.83	PHS 41-1A36
			152.91	B	—	15.88	60.33	82.55	25.40	5.770	1.51	PHS 41-1B36
		40	168.91	A	18.26	—	—	—	—	5.770	1.01	PHS 41-1A40
			168.91	B	—	19.05	60.33	82.55	26.99	5.770	1.84	PHS 41-1B40
		42	177.04	A	18.26	—	—	—	—	5.770	1.13	PHS 41-1A42
			177.04	B	—	19.05	60.33	88.90	26.99	5.770	1.86	PHS 41-1B42
		45	189.23	A	18.26	—	—	—	—	5.770	1.14	PHS 41-1A45
			189.23	B	—	19.05	60.33	88.90	26.99	5.770	1.90	PHS 41-1B45
		48	201.42	A	18.26	—	—	—	—	5.770	1.32	PHS 41-1A48
			201.42	B	—	19.05	60.33	88.90	26.99	5.770	2.23	PHS 41-1B48
		54	225.55	A	18.26	—	—	—	—	5.770	1.61	PHS 41-1A54
			225.55	B	—	19.05	60.33	88.90	26.99	5.770	2.58	PHS 41-1B54
		60	249.94	A	18.26	—	—	—	—	5.770	2.09	PHS 41-1A60
			249.94	B	—	19.05	60.33	88.90	26.99	5.770	3.08	PHS 41-1B60
		70	290.32	A	18.26	—	—	—	—	5.770	2.82	PHS 41-1A70
			290.32	B	—	19.05	69.85	101.60	30.16	5.770	4.33	PHS 41-1B70
		72	298.45	A	18.26	—	—	—	—	5.770	2.87	PHS 41-1A72
			298.45	B	—	19.05	69.85	101.60	30.16	5.770	4.37	PHS 41-1B72

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 25-1BH9.

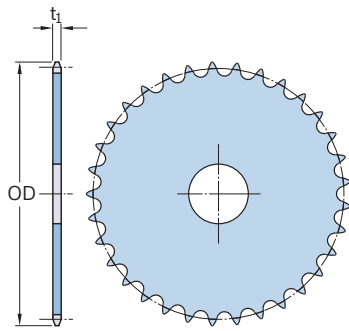
ANSI sprockets, simplex, pilot bore

ANSI 41-1 · 12.70 mm (1/2") pitch | ANSI 40-1 · 12.70 mm (1/2") pitch

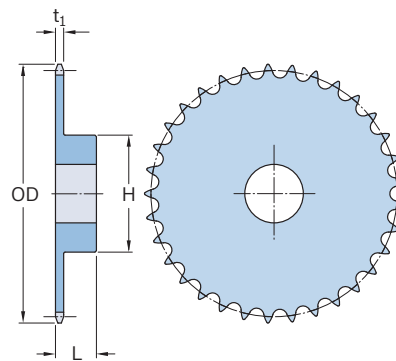
Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub H	L	Plate thickness t ₁	Mass	Designation
mm	in.				Bore stock Min.	Bore Min.	Max.					
12.70	1/2	80	330.96 330.96	A B	18.26 —	— 19.05	— 69.85	— 101.60	— 30.16	5.770 5.770	3.84 5.23	PHS 41-1A80 PHS 41-1B80
		84	346.96 346.96	A B	18.26 —	— 19.05	— 69.85	— 101.60	— 30.16	5.770 5.770	4.14 5.53	PHS 41-1A84 PHS 41-1B84
		96	395.48 395.48	A B	23.81 —	— 25.40	— 69.85	— 101.60	— 30.16	5.770 5.770	5.37 6.74	PHS 41-1A96 PHS 41-1B96
		112	460.25 460.25	A B	23.81 —	— 25.40	— 69.85	— 101.60	— 30.16	5.770 5.770	7.18 8.69	PHS 41-1A112 PHS 41-1B112
		8	38.10	B	—	12.70	12.70	24.61	22.23	7.210	0.08	PHS 40-1BH8
		9	42.42	B	—	12.70	14.29	26.99	22.23	7.210	0.09	PHS 40-1BH9
		10	46.74	B	—	12.70	19.05	31.75	22.23	7.210	0.12	PHS 40-1BH10
		11	50.80	B	—	12.70	22.23	34.93	22.23	7.210	0.16	PHS 40-1BH11
		12	55.12 55.12	A B	12.70 —	— 12.70	— 25.40	— 39.69	— 22.23	7.210 7.210	0.08 0.20	PHS 40-1A12 PHS 40-1BH12
		13	59.18 59.18	A B	12.70 —	— 12.70	— 26.99	— 39.69	— 22.23	7.210 7.210	0.10 0.23	PHS 40-1A13 PHS 40-1BH13
		14	63.25 63.25	A B	12.70 —	— 12.70	— 28.58	— 42.86	— 22.23	7.210 7.210	0.12 0.27	PHS 40-1A14 PHS 40-1BH14
		15	67.31 67.31	A B	15.88 —	— 12.70	— 31.75	— 46.04	— 22.23	7.210 7.210	0.14 0.32	PHS 40-1A15 PHS 40-1BH15
		16	71.37 71.37	A B	15.88 —	— 15.88	— 34.93	— 50.80	— 22.23	7.210 7.210	0.15 0.36	PHS 40-1A16 PHS 40-1BH16
		17	75.69 75.69	A B	15.88 —	— 15.88	— 36.51	— 53.98	— 25.40	7.210 7.210	0.16 0.47	PHS 40-1A17 PHS 40-1BH17
		18	79.76 79.76	A B	15.88 —	— 15.88	— 38.10	— 58.74	— 25.40	7.210 7.210	0.20 0.55	PHS 40-1A18 PHS 40-1BH18
		19	83.82 83.82	A B	15.88 —	— 15.88	— 44.45	— 63.50	— 25.40	7.210 7.210	0.21 0.65	PHS 40-1A19 PHS 40-1BH19
		20	87.88 87.88	A B	15.88 —	— 15.88	— 47.63	— 66.68	— 25.40	7.210 7.210	0.25 0.71	PHS 40-1A20 PHS 40-1BH20
		21	91.95 91.95	A B	15.88 —	— 15.88	— 47.63	— 69.85	— 25.40	7.210 7.210	0.26 0.78	PHS 40-1A21 PHS 40-1BH21
		22	96.01 96.01	A B	15.88 —	— 15.88	— 47.63	— 73.03	— 25.40	7.210 7.210	0.30 0.89	PHS 40-1A22 PHS 40-1BH22
		23	100.08 100.08	A B	15.88 —	— 15.88	— 50.80	— 76.20	— 25.40	7.210 7.210	0.33 0.97	PHS 40-1A23 PHS 40-1BH23
		24	104.14 104.14	A B	15.88 —	— 15.88	— 57.15	— 82.55	— 25.40	7.210 7.210	0.37 1.09	PHS 40-1A24 PHS 40-1BH24
		25	108.20 108.20	A B	15.88 —	— 15.88	— 57.15	— 82.55	— 25.40	7.210 7.210	0.40 1.15	PHS 40-1A25 PHS 40-1BH25
		26	112.27 112.27	A B	15.88 —	— 15.88	— 57.15	— 82.55	— 25.40	7.210 7.210	0.43 1.17	PHS 40-1A26 PHS 40-1B26
		27	116.33 116.33	A B	15.88 —	— 15.88	— 57.15	— 82.55	— 25.40	7.210 7.210	0.44 1.21	PHS 40-1A27 PHS 40-1B27
		28	120.40 120.40	A B	15.88 —	— 15.88	— 57.15	— 82.55	— 25.40	7.210 7.210	0.50 1.24	PHS 40-1A28 PHS 40-1B28
		29	124.46 124.46	A B	15.08 —	— 15.88	— 57.15	— 82.55	— 25.40	7.210 7.210	0.55 1.27	PHS 40-1A29 PHS 40-1B29
		30	128.52 128.52	A B	15.08 —	— 15.88	— 57.15	— 82.55	— 25.40	7.210 7.210	0.57 1.35	PHS 40-1A30 PHS 40-1B30
		31	132.59 132.59	A B	15.08 —	— 15.88	— 57.15	— 82.55	— 25.40	7.210 7.210	0.64 1.41	PHS 40-1A31 PHS 40-1B31
		32	136.65 136.65	A B	15.08 —	— 15.88	— 57.15	— 82.55	— 25.40	7.210 7.210	0.67 1.43	PHS 40-1A32 PHS 40-1B32
		33	140.72 140.72	A B	15.08 —	— 15.88	— 57.15	— 82.55	— 25.40	7.210 7.210	0.71 1.46	PHS 40-1A33 PHS 40-1B33
		34	144.78 144.78	A B	15.08 —	— 15.88	— 57.15	— 82.55	— 25.40	7.210 7.210	0.74 1.50	PHS 40-1A34 PHS 40-1B34

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 25-1BH9.

ANSI sprockets, simplex, pilot bore
ANSI 41-1 · 12.70 mm (1/2") pitch



Type A



Type B

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub H	L	Plate thickness t ₁	Mass	Designation
					Bore stock Min.	Bore Min.	Max.					
mm	in.	—	mm	—	mm						kg	—
12.70	1/2	35	148.84	A	15.08	—	—	—	—	7.210	0.77	PHS 40-1A35
			148.84	B	—	15.88	57.15	82.55	25.40	7.210	1.57	PHS 40-1B35
		36	152.91	A	15.08	—	—	—	—	7.210	0.83	PHS 40-1A36
			152.91	B	—	15.88	57.15	82.55	25.40	7.210	1.62	PHS 40-1B36
		37	156.97	A	15.08	—	—	—	—	7.210	0.87	PHS 40-1A37
			156.97	B	—	15.88	57.15	82.55	25.40	7.210	1.64	PHS 40-1B37
		38	160.78	A	15.08	—	—	—	—	7.210	0.91	PHS 40-1A38
			160.78	B	—	15.88	57.15	82.55	25.40	7.210	1.68	PHS 40-1B38
		39	164.85	A	15.08	—	—	—	—	7.210	0.92	PHS 40-1A39
			164.85	B	—	15.88	57.15	82.55	25.40	7.210	1.71	PHS 40-1B39
		40	168.91	A	18.26	—	—	—	—	7.210	1.01	PHS 40-1A40
			168.91	B	—	19.05	60.33	88.90	28.58	7.210	2.13	PHS 40-1B40
		41	172.97	A	18.26	—	—	—	—	7.210	1.10	PHS 40-1A41
			172.97	B	—	19.05	60.33	88.90	28.58	7.210	2.16	PHS 40-1B41
		42	177.04	A	18.26	—	—	—	—	7.210	1.13	PHS 40-1A42
			177.04	B	—	19.05	60.33	88.90	28.58	7.210	2.19	PHS 40-1B42
		43	181.10	A	18.26	—	—	—	—	7.210	1.27	PHS 40-1A43
			181.10	B	—	19.05	60.33	88.90	28.58	7.210	2.32	PHS 40-1B43
		44	185.17	A	18.26	—	—	—	—	7.210	1.29	PHS 40-1A44
			185.17	B	—	19.05	60.33	88.90	28.58	7.210	2.34	PHS 40-1B44
		45	189.23	A	18.26	—	—	—	—	7.210	1.43	PHS 40-1A45
			189.23	B	—	19.05	60.33	88.90	28.58	7.210	2.40	PHS 40-1B45
		46	193.29	A	18.26	—	—	—	—	7.210	1.48	PHS 40-1A46
			193.29	B	—	19.05	60.33	88.90	28.58	7.210	2.53	PHS 40-1B46
		47	197.36	A	18.26	—	—	—	—	7.210	1.51	PHS 40-1A47
			197.36	B	—	19.05	60.33	88.90	28.58	7.210	2.47	PHS 40-1B47
		48	201.42	A	18.26	—	—	—	—	7.210	1.46	PHS 40-1A48
			201.42	B	—	19.05	60.33	88.90	28.58	7.210	2.65	PHS 40-1B48
		49	205.49	A	18.26	—	—	—	—	7.210	1.56	PHS 40-1A49
			205.49	B	—	19.05	60.33	88.90	28.58	7.210	2.68	PHS 40-1B49
		50	209.55	A	18.26	—	—	—	—	7.210	1.64	PHS 40-1A50
			209.55	B	—	19.05	60.33	88.90	28.58	7.210	2.70	PHS 40-1B50
		51	213.61	A	18.26	—	—	—	—	7.210	1.79	PHS 40-1A51
			213.61	B	—	19.05	60.33	88.90	28.58	7.210	2.76	PHS 40-1B51
		52	217.68	A	18.26	—	—	—	—	7.210	1.85	PHS 40-1A52
			217.68	B	—	19.05	60.33	88.90	28.58	7.210	2.85	PHS 40-1B52
		53	221.74	A	18.26	—	—	—	—	7.210	1.83	PHS 40-1A53
			221.74	B	—	19.05	60.33	88.90	28.58	7.210	2.87	PHS 40-1B53
		54	225.81	A	18.26	—	—	—	—	7.210	2.01	PHS 40-1A54
			225.81	B	—	19.05	60.33	88.90	28.58	7.210	2.91	PHS 40-1B54
		55	229.62	A	18.26	—	—	—	—	7.210	2.06	PHS 40-1A55
			229.62	B	—	19.05	60.33	88.90	28.58	7.210	2.93	PHS 40-1B55
		56	233.68	A	18.26	—	—	—	—	7.210	2.20	PHS 40-1A56

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
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For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 25-1BH9.

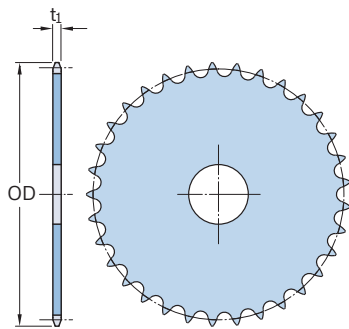
ANSI sprockets, simplex, pilot bore

ANSI 40-1 · 12.70 mm (1/2") pitch | ANSI 50-1 · 15.88 mm (5/8") pitch

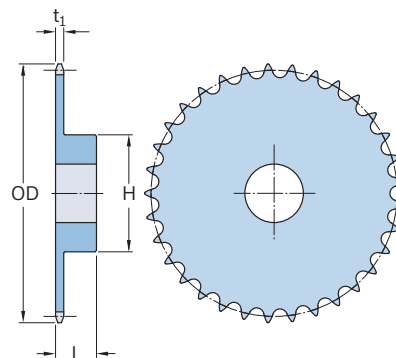
Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub H	L	Plate thickness t ₁	Mass	Designation
					Bore stock Min.	Bore Min.	Max.					
mm	in.	—	mm	—	mm						kg	—
12.70	1/2	56	233.68	B	—	19.05	60.33	88.90	28.58	7.210	3.13	PHS 40-1B56
		57	237.74	A	18.26	—	—	—	—	7.210	2.27	PHS 40-1A57
			237.74	B	—	19.05	60.33	88.90	28.58	7.210	3.18	PHS 40-1B57
		58	241.81	A	18.26	—	—	—	—	7.210	2.32	PHS 40-1A58
			241.81	B	—	19.05	60.33	88.90	28.58	7.210	3.34	PHS 40-1B58
		59	245.87	A	18.26	—	—	—	—	7.210	2.40	PHS 40-1A59
			245.87	B	—	19.05	60.33	88.90	28.58	7.210	3.38	PHS 40-1B59
		60	249.94	A	18.26	—	—	—	—	7.210	2.49	PHS 40-1A60
			249.94	B	—	19.05	60.33	88.90	28.58	7.210	3.57	PHS 40-1B60
		70	290.32	A	18.26	—	—	—	—	7.210	3.28	PHS 40-1A70
			290.32	B	—	19.05	69.85	101.60	31.75	7.210	4.99	PHS 40-1B70
		72	298.45	A	18.26	—	—	—	—	7.210	3.51	PHS 40-1A72
298.45	B		—	19.05	69.85	101.60	31.75	7.210	5.22	PHS 40-1B72		
15.88	5/8	8	47.75	B	—	15.88	15.88	28.58	25.40	8.710	0.11	PHS 50-1BH8
			53.09	B	—	15.88	19.05	34.93	25.40	8.710	0.16	PHS 50-1BH9
		10	58.42	B	—	15.88	22.23	39.69	25.40	8.710	0.22	PHS 50-1BH10
		11	63.50	B	—	15.88	25.40	44.45	25.40	8.710	0.29	PHS 50-1BH11
		12	68.83	A	15.88	—	—	—	—	8.710	0.15	PHS 50-1A12
			68.83	B	—	15.88	31.75	50.40	25.40	8.710	0.38	PHS 50-1BH12
		13	73.91	A	15.88	—	—	—	—	8.710	0.19	PHS 50-1A13
			73.91	B	—	15.88	33.34	47.63	25.40	8.710	0.40	PHS 50-1BH13
		14	78.99	A	15.88	—	—	—	—	8.710	0.23	PHS 50-1A14
			78.99	B	—	15.88	36.51	53.98	25.40	8.710	0.51	PHS 50-1BH14
		15	84.33	A	15.88	—	—	—	—	8.710	0.24	PHS 50-1A15
			84.33	B	—	15.88	38.10	60.33	25.40	8.710	0.61	PHS 50-1BH15
16	89.41	A	15.88	—	—	—	—	8.710	0.31	PHS 50-1A16		
	89.41	B	—	15.88	44.45	63.50	25.40	8.710	0.68	PHS 50-1BH16		
17	94.49	A	15.88	—	—	—	—	8.710	0.34	PHS 50-1A17		
	94.49	B	—	15.88	47.63	68.26	25.40	8.710	0.79	PHS 50-1BH17		
18	99.57	A	15.88	—	—	—	—	8.710	0.39	PHS 50-1A18		
	99.57	B	—	15.88	47.63	73.03	25.40	8.710	0.91	PHS 50-1BH18		
19	104.65	A	15.88	—	—	—	—	8.710	0.43	PHS 50-1A19		
	104.65	B	—	15.88	50.80	76.20	25.40	8.710	1.01	PHS 50-1BH19		
20	109.73	A	19.05	—	—	—	—	8.710	0.48	PHS 50-1A20		
	109.73	B	—	19.05	50.80	76.20	25.40	8.710	1.03	PHS 50-1BH20		
21	114.81	A	19.05	—	—	—	—	8.710	0.51	PHS 50-1A21		
	114.81	B	—	19.05	50.80	76.20	25.40	8.710	1.09	PHS 50-1BH21		
22	119.89	A	19.05	—	—	—	—	8.710	0.59	PHS 50-1A22		
	119.89	B	—	19.05	50.80	76.20	25.40	8.710	1.16	PHS 50-1BH22		
23	124.97	A	19.05	—	—	—	—	8.710	0.65	PHS 50-1A23		
	124.97	B	—	19.05	50.80	76.20	25.40	8.710	1.21	PHS 50-1BH23		
24	130.05	A	18.26	—	—	—	—	8.710	0.68	PHS 50-1A24		
	130.05	B	—	19.05	50.80	76.20	31.75	8.710	1.50	PHS 50-1BH24		
25	135.13	A	18.26	—	—	—	—	8.710	0.73	PHS 50-1A25		
	135.13	B	—	19.05	50.80	76.20	31.75	8.710	1.54	PHS 50-1BH25		
26	140.21	A	18.26	—	—	—	—	8.710	0.78	PHS 50-1A26		
	140.21	B	—	19.05	50.80	76.20	31.75	8.710	1.56	PHS 50-1B26		
27	145.29	A	18.26	—	—	—	—	8.710	0.89	PHS 50-1A27		
	145.29	B	—	19.05	50.80	76.20	31.75	8.710	1.70	PHS 50-1B27		

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ANSI sprockets, simplex, pilot bore
ANSI 50-1 · 15.88 mm (5/8") pitch



Type A



Type B

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub H	L	Plate thickness t ₁	Mass	Designation
mm	in.				Bore stock Min.	Bore Min.	Max.					
15.88	5/8	28	150.37 150.37	A B	18.26 —	— 19.05	— 50.80	— 76.20	— 31.75	8.710 8.710	0.93 1.72	PHS 50-1A28 PHS 50-1B28
		29	155.45 155.45	A B	18.26 —	— 19.05	— 50.80	— 76.20	— 31.75	8.710 8.710	1.07 1.84	PHS 50-1A29 PHS 50-1B29
		30	160.53 160.53	A B	18.26 —	— 19.05	— 57.15	— 82.55	— 31.75	8.710 8.710	1.15 2.07	PHS 50-1A30 PHS 50-1B30
		31	165.61 165.61	A B	18.26 —	— 19.05	— 57.15	— 82.55	— 31.75	8.710 8.710	1.27 2.15	PHS 50-1A31 PHS 50-1B31
		32	170.69 170.69	A B	18.26 —	— 19.05	— 57.15	— 82.55	— 31.75	8.710 8.710	1.23 2.25	PHS 50-1A32 PHS 50-1B32
		33	175.77 175.77	A B	18.26 —	— 19.05	— 57.15	— 82.55	— 31.75	8.710 8.710	1.42 2.36	PHS 50-1A33 PHS 50-1B33
		34	180.85 180.85	A B	18.26 —	— 19.05	— 57.15	— 82.55	— 31.75	8.710 8.710	1.45 2.33	PHS 50-1A34 PHS 50-1B34
		35	185.93 185.93	A B	18.26 —	— 19.05	— 57.15	— 82.55	— 31.75	8.710 8.710	1.51 2.47	PHS 50-1A35 PHS 50-1B35
		36	191.01 191.01	A B	18.26 —	— 19.05	— 57.15	— 82.55	— 31.75	8.710 8.710	1.73 2.56	PHS 50-1A36 PHS 50-1B36
		37	196.09 196.09	A B	18.26 —	— 19.05	— 57.15	— 82.55	— 31.75	8.710 8.710	1.81 2.68	PHS 50-1A37 PHS 50-1B37
		38	201.17 201.17	A B	18.26 —	— 19.05	— 57.15	— 82.55	— 31.75	8.710 8.710	1.88 2.76	PHS 50-1A38 PHS 50-1B38
		39	206.25 206.25	A B	18.26 —	— 19.05	— 57.15	— 82.55	— 31.75	8.710 8.710	2.00 2.86	PHS 50-1A39 PHS 50-1B39
		40	211.33 211.33	A B	18.26 —	— 19.05	— 57.15	— 82.55	— 31.75	8.710 8.710	2.02 2.95	PHS 50-1A40 PHS 50-1B40
		41	216.41 216.41	A B	18.26 —	— 19.05	— 57.15	— 82.55	— 31.75	8.710 8.710	2.20 3.01	PHS 50-1A41 PHS 50-1B41
		42	221.49 221.49	A B	18.26 —	— 19.05	— 57.15	— 82.55	— 31.75	8.710 8.710	2.26 3.16	PHS 50-1A42 PHS 50-1B42
		43	226.31 226.31	A B	18.26 —	— 19.05	— 57.15	— 82.55	— 31.75	8.710 8.710	2.38 3.20	PHS 50-1A43 PHS 50-1B43
		44	231.39 231.39	A B	18.26 —	— 19.05	— 57.15	— 82.55	— 31.75	8.710 8.710	2.46 3.44	PHS 50-1A44 PHS 50-1B44
		45	236.47 236.47	A B	18.26 —	— 19.05	— 63.50	— 95.25	— 31.75	8.710 8.710	2.69 3.89	PHS 50-1A45 PHS 50-1B45
		46	241.55 241.55	A B	23.81 —	— 25.40	— 63.50	— 95.25	— 31.75	8.710 8.710	2.91 3.73	PHS 50-1A46 PHS 50-1B46
		47	246.63 246.63	A B	23.81 —	— 25.40	— 63.50	— 95.25	— 31.75	8.710 8.710	2.95 3.85	PHS 50-1A47 PHS 50-1B47
		48	251.71 251.71	A B	23.81 —	— 25.40	— 63.50	— 95.25	— 31.75	8.710 8.710	2.98 4.21	PHS 50-1A48 PHS 50-1B48
		49	256.79	A	23.81	—	—	—	—	8.710	3.20	PHS 50-1A49

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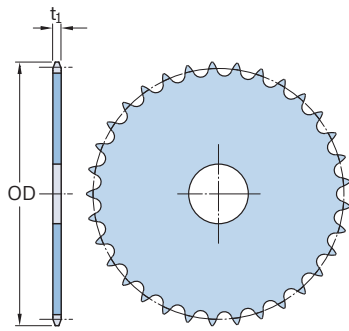
ANSI sprockets, simplex, pilot bore

ANSI 50-1 · 15.88 mm (⁵/₈") pitch | ANSI 60-1 · 19.05 mm (³/₄") pitch

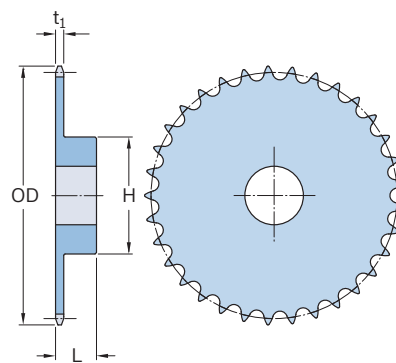
Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub H	L	Plate thickness t ₁	Mass	Designation
mm	in.				Bore stock Min.	Bore Min.	Max.					
15.88	⁵ / ₈	49	256.79	B	—	25.40	63.50	95.25	31.75	8.710	4.18	PHS 50-1B49
		50	261.87 261.87	A B	23.81 —	— 25.40	— 63.50	— 95.25	— 31.75	8.710 8.710	3.22 4.48	PHS 50-1A50 PHS 50-1B50
		51	266.95 266.95	A B	23.81 —	— 25.40	— 63.50	— 95.25	— 31.75	8.710 8.710	3.32 4.40	PHS 50-1A51 PHS 50-1B51
		52	272.03 272.03	A B	23.81 —	— 25.40	— 63.50	— 95.25	— 31.75	8.710 8.710	3.62 4.64	PHS 50-1A52 PHS 50-1B52
		53	277.11 277.11	A B	23.81 —	— 25.40	— 63.50	— 95.25	— 31.75	8.710 8.710	3.67 4.75	PHS 50-1A53 PHS 50-1B53
		54	282.19 282.19	A B	23.81 —	— 25.40	— 63.50	— 95.25	— 31.75	8.710 8.710	3.76 4.99	PHS 50-1A54 PHS 50-1B54
		55	287.27 287.27	A B	23.81 —	— 25.40	— 63.50	— 95.25	— 31.75	8.710 8.710	3.88 4.96	PHS 50-1A55 PHS 50-1B55
		56	292.10 292.10	A B	23.81 —	— 25.40	— 63.50	— 95.25	— 31.75	8.710 8.710	4.04 5.22	PHS 50-1A56 PHS 50-1B56
		57	297.18 297.18	A B	23.81 —	— 25.40	— 63.50	— 95.25	— 31.75	8.710 8.710	4.25 5.44	PHS 50-1A57 PHS 50-1B57
		58	302.26 302.26	A B	23.81 —	— 25.40	— 63.50	— 95.25	— 31.75	8.710 8.710	4.67 5.36	PHS 50-1A58 PHS 50-1B58
		59	307.34 307.34	A B	23.81 —	— 25.40	— 63.50	— 95.25	— 31.75	8.710 8.710	4.76 5.59	PHS 50-1A59 PHS 50-1B59
		60	312.42 312.42	A B	23.81 —	— 25.40	— 63.50	— 95.25	— 31.75	8.710 8.710	4.90 5.90	PHS 50-1A60 PHS 50-1B60
		70	362.97 362.97	A B	23.81 —	— 25.40	— 63.50	— 95.25	— 44.45	8.710 8.710	6.35 8.24	PHS 50-1A70 PHS 50-1B70
		72	373.13 373.13	A B	23.81 —	— 25.40	— 63.50	— 95.25	— 44.45	8.710 8.710	6.91 8.84	PHS 50-1A72 PHS 50-1B72
		76	393.45 393.45	A B	23.81 —	— 25.40	— 63.50	— 95.25	— 44.45	8.710 8.710	9.11 9.53	PHS 50-1A76 PHS 50-1B76
		80	413.51 413.51	A B	23.81 —	— 25.40	— 69.85	— 107.95	— 44.45	8.710 8.710	9.53 11.22	PHS 50-1A80 PHS 50-1B80
		84	433.83 433.83	A B	23.81 —	— 25.40	— 69.85	— 107.95	— 44.45	8.710 8.710	10.02 11.57	PHS 50-1A84 PHS 50-1B84
		95	489.46 489.46	A B	23.81 —	— 25.40	— 69.85	— 107.95	— 44.45	8.710 8.710	12.25 14.51	PHS 50-1A95 PHS 50-1B95
		96	494.54 494.54	A B	23.81 —	— 25.40	— 69.85	— 107.95	— 44.45	8.710 8.710	12.43 14.93	PHS 50-1A96 PHS 50-1B96
		112	575.31 575.31	A B	23.81 —	— 25.40	— 69.85	— 107.95	— 44.45	8.710 8.710	17.10 19.05	PHS 50-1A112 PHS 50-1B112
19.05	³ / ₄	8	57.40	B	—	15.88	15.88	37.31	31.75	11.660	0.24	PHS 60-1BH8
		9	63.75	B	—	19.05	22.23	39.69	31.75	11.660	0.29	PHS 60-1BH9
		10	70.10 70.10	A B	19.05 —	— 19.05	— 28.58	— 49.21	— 31.75	11.660 11.660	0.20 0.45	PHS 60-1A10 PHS 60-1BH10
		11	76.20 76.20	A B	19.05 —	— 19.05	— 33.34	— 52.39	— 31.75	11.660 11.660	0.24 0.53	PHS 60-1A11 PHS 60-1BH11
		12	82.55 82.55	A B	19.05 —	— 19.05	— 34.93	— 60.33	— 31.75	11.660 11.660	0.31 0.67	PHS 60-1A12 PHS 60-1BH12
		13	88.65 88.65	A B	19.05 —	— 19.05	— 38.10	— 59.53	— 31.75	11.660 11.660	0.36 0.75	PHS 60-1A13 PHS 60-1BH13
		14	95.00 95.00	A B	19.05 —	— 19.05	— 44.45	— 65.09	— 31.75	11.660 11.660	0.43 0.91	PHS 60-1A14 PHS 60-1BH14
		15	101.09 101.09	A B	19.05 —	— 19.05	— 47.63	— 73.03	— 31.75	11.660 11.660	0.49 1.14	PHS 60-1A15 PHS 60-1BH15
		16	107.19 107.19	A B	19.05 —	— 19.05	— 50.80	— 77.79	— 31.75	11.660 11.660	0.56 1.27	PHS 60-1A16 PHS 60-1BH16
		17	113.28 113.28	A B	19.05 —	— 19.05	— 57.15	— 82.55	— 31.75	11.660 11.660	0.65 1.46	PHS 60-1A17 PHS 60-1BH17
		18	119.38	A	19.05	—	—	—	—	11.660	0.73	PHS 60-1A18

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ANSI sprockets, simplex, pilot bore
ANSI 60-1 · 19.05 mm ($\frac{3}{4}$ ") pitch



Type A



Type B

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub H	L	Plate thickness t_1	Mass	Designation
mm	in.				Bore stock Min.	Bore Min.	Max.				kg	
19.05	$\frac{3}{4}$	18	119.38	B	—	19.05	60.33	88.90	31.75	11.660	1.69	PHS 60-1BH18
		19	125.73	A	19.05	—	—	—	—	11.660	0.83	PHS 60-1A19
			125.73	B	—	19.05	60.33	88.90	31.75	11.660	1.78	PHS 60-1BH19
		20	131.83	A	19.05	—	—	—	—	11.660	0.96	PHS 60-1A20
			131.83	B	—	19.05	66.68	98.43	31.75	11.660	2.10	PHS 60-1BH20
		21	137.92	A	19.05	—	—	—	—	11.660	1.03	PHS 60-1A21
			137.92	B	—	19.05	69.85	101.60	31.75	11.660	2.27	PHS 60-1BH21
		22	144.02	A	19.05	—	—	—	—	11.660	1.12	PHS 60-1A22
			144.02	B	—	19.05	69.85	101.60	31.75	11.660	2.38	PHS 60-1BH22
		23	150.11	A	19.05	—	—	—	—	11.660	1.22	PHS 60-1A23
			150.11	B	—	19.05	69.85	101.60	31.75	11.660	2.49	PHS 60-1BH23
		24	156.21	A	18.26	—	—	—	—	11.660	1.36	PHS 60-1A24
			156.21	B	—	19.05	69.85	101.60	31.75	11.660	2.62	PHS 60-1BH24
		25	162.31	A	18.26	—	—	—	—	11.660	1.51	PHS 60-1A25
			162.31	B	—	19.05	69.85	101.60	31.75	11.660	2.78	PHS 60-1BH25
		26	168.40	A	18.26	—	—	—	—	11.660	1.61	PHS 60-1A26
			168.40	B	—	19.05	69.85	101.60	31.75	11.660	2.89	PHS 60-1B26
		27	174.50	A	18.26	—	—	—	—	11.660	1.80	PHS 60-1A27
			174.50	B	—	19.05	69.85	101.60	31.75	11.660	3.05	PHS 60-1B27
		28	180.59	A	18.26	—	—	—	—	11.660	1.88	PHS 60-1A28
			180.59	B	—	19.05	69.85	101.60	31.75	11.660	3.12	PHS 60-1B28
		29	186.69	A	18.26	—	—	—	—	11.660	2.00	PHS 60-1A29
			186.69	B	—	19.05	69.85	101.60	31.75	11.660	3.30	PHS 60-1B29
		30	192.79	A	18.26	—	—	—	—	11.660	2.17	PHS 60-1A30
			192.79	B	—	19.05	69.85	101.60	31.75	11.660	3.44	PHS 60-1B30
		31	198.88	A	18.26	—	—	—	—	11.660	2.38	PHS 60-1A31
			198.88	B	—	19.05	69.85	101.60	31.75	11.660	3.50	PHS 60-1B31
		32	204.98	A	18.26	—	—	—	—	11.660	2.50	PHS 60-1A32
			204.98	B	—	19.05	69.85	101.60	31.75	11.660	3.75	PHS 60-1B32
		33	210.82	A	23.81	—	—	—	—	11.660	2.66	PHS 60-1A33
			210.82	B	—	25.40	69.85	101.60	31.75	11.660	3.82	PHS 60-1B33
		34	216.92	A	23.81	—	—	—	—	11.660	2.79	PHS 60-1A34
			216.92	B	—	25.40	69.85	101.60	31.75	11.660	3.99	PHS 60-1B34
		35	223.01	A	23.81	—	—	—	—	11.660	3.08	PHS 60-1A35
			223.01	B	—	25.40	69.85	101.60	31.75	11.660	4.10	PHS 60-1B35
		36	229.11	A	23.81	—	—	—	—	11.660	3.09	PHS 60-1A36
			229.11	B	—	25.40	69.85	101.60	31.75	11.660	4.35	PHS 60-1B36
		37	235.20	A	23.81	—	—	—	—	11.660	3.41	PHS 60-1A37
			235.20	B	—	25.40	69.85	101.60	31.75	11.660	4.64	PHS 60-1B37
		38	241.30	A	23.81	—	—	—	—	11.660	3.56	PHS 60-1A38
			241.30	B	—	25.40	69.85	107.95	31.75	11.660	4.92	PHS 60-1B38
		39	247.40	A	23.81	—	—	—	—	11.660	3.76	PHS 60-1A39
			247.40	B	—	25.40	69.85	107.95	31.75	11.660	5.15	PHS 60-1B39

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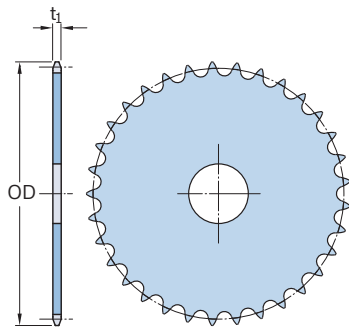
ANSI sprockets, simplex, pilot bore
ANSI 60-1 · 19.05 mm (3/4") pitch

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub H	L	Plate thickness t ₁	Mass	Designation
mm	in.				Bore stock Min.	Bore Min.	Max.					
mm	in.	–	mm	–	mm						kg	–
19.05	3/4	40	253.49	A	23.81	–	–	–	–	11.660	3.88	PHS 60-1A40
			253.49	B	–	25.40	69.85	107.95	31.75	11.660	5.22	PHS 60-1B40
		41	259.59	A	23.81	–	–	–	–	11.660	4.13	PHS 60-1A41
			259.59	B	–	25.40	69.85	107.95	31.75	11.660	5.51	PHS 60-1B41
		42	265.68	A	23.81	–	–	–	–	11.660	4.46	PHS 60-1A42
			265.68	B	–	25.40	69.85	107.95	31.75	11.660	5.78	PHS 60-1B42
		43	271.78	A	23.81	–	–	–	–	11.660	4.42	PHS 60-1A43
			271.78	B	–	25.40	69.85	107.95	31.75	11.660	5.90	PHS 60-1B43
		44	277.88	A	23.81	–	–	–	–	11.660	4.88	PHS 60-1A44
			277.88	B	–	23.81	69.85	107.95	31.75	11.660	6.30	PHS 60-1B44
		45	283.97	A	23.81	–	–	–	–	11.660	5.03	PHS 60-1A45
			283.97	B	–	23.81	69.85	107.95	31.75	11.660	6.34	PHS 60-1B45
		46	290.07	A	23.81	–	–	–	–	11.660	5.22	PHS 60-1A46
			290.07	B	–	23.81	69.85	107.95	31.75	11.660	6.62	PHS 60-1B46
		47	295.91	A	23.81	–	–	–	–	11.660	5.59	PHS 60-1A47
			295.91	B	–	23.81	69.85	107.95	31.75	11.660	6.80	PHS 60-1B47
		48	302.01	A	23.81	–	–	–	–	11.660	5.63	PHS 60-1A48
			302.01	B	–	23.81	69.85	107.95	31.75	11.660	7.18	PHS 60-1B48
		49	308.10	A	23.81	–	–	–	–	11.660	5.86	PHS 60-1A49
			308.10	B	–	23.81	69.85	107.95	31.75	11.660	7.21	PHS 60-1B49
		50	314.20	A	23.81	–	–	–	–	11.660	6.34	PHS 60-1A50
			314.20	B	–	23.81	69.85	107.95	31.75	11.660	8.01	PHS 60-1B50
		51	320.29	A	23.81	–	–	–	–	11.660	6.61	PHS 60-1A51
			320.29	B	–	23.81	69.85	107.95	31.75	11.660	7.70	PHS 60-1B51
		52	326.39	A	23.81	–	–	–	–	11.660	6.62	PHS 60-1A52
			326.39	B	–	23.81	69.85	107.95	31.75	11.660	8.13	PHS 60-1B52
		53	332.49	A	23.81	–	–	–	–	11.660	7.18	PHS 60-1A53
			332.49	B	–	23.81	69.85	107.95	31.75	11.660	8.16	PHS 60-1B53
		54	338.58	A	23.81	–	–	–	–	11.660	7.22	PHS 60-1A54
			338.58	B	–	23.81	69.85	107.95	44.45	11.660	9.80	PHS 60-1B54
		55	344.68	A	31.75	–	–	–	–	11.660	7.69	PHS 60-1A55
			344.68	B	–	31.75	69.85	107.95	44.45	11.660	9.59	PHS 60-1B55
		56	350.77	A	31.75	–	–	–	–	11.660	7.98	PHS 60-1A56
			350.77	B	–	31.75	69.85	107.95	44.45	11.660	9.92	PHS 60-1B56
		57	356.62	A	31.75	–	–	–	–	11.660	7.99	PHS 60-1A57
			356.62	B	–	31.75	69.85	107.95	44.45	11.660	10.10	PHS 60-1B57
		58	362.71	A	31.75	–	–	–	–	11.660	8.62	PHS 60-1A58
			362.71	B	–	31.75	69.85	107.95	44.45	11.660	10.34	PHS 60-1B58
		59	368.81	A	31.75	–	–	–	–	11.660	8.71	PHS 60-1A59
			368.81	B	–	31.75	69.85	107.95	44.45	11.660	10.82	PHS 60-1B59
		60	374.90	A	31.75	–	–	–	–	11.660	9.08	PHS 60-1A60
			374.90	B	–	31.75	69.85	107.95	44.45	11.660	11.44	PHS 60-1B60
		64	399.29	A	31.75	–	–	–	–	11.660	10.43	PHS 60-1A64
			399.29	B	–	31.75	69.85	107.95	44.45	11.660	12.43	PHS 60-1B64
		65	405.38	A	31.75	–	–	–	–	11.660	10.54	PHS 60-1A65
			405.38	B	–	31.75	69.85	107.95	44.45	11.660	13.12	PHS 60-1B65
		66	–	A	31.75	–	–	–	–	11.660	11.08	PHS 60-1A66
		68	423.42	A	31.75	–	–	–	–	11.660	11.58	PHS 60-1A68
			423.42	B	–	31.75	69.85	107.95	44.45	11.660	13.78	PHS 60-1B68
		70	435.61	A	31.75	–	–	–	–	11.660	12.34	PHS 60-1A70
			435.61	B	–	31.75	69.85	107.95	44.45	11.660	14.51	PHS 60-1B70
		72	447.80	A	31.75	–	–	–	–	11.660	13.11	PHS 60-1A72
			447.80	B	–	31.75	69.85	107.95	50.80	11.660	15.50	PHS 60-1B72
		76	471.93	A	31.75	–	–	–	–	11.660	14.67	PHS 60-1A76
			471.93	B	–	31.75	69.85	107.95	50.80	11.660	17.26	PHS 60-1B76
		80	496.32	A	31.75	–	–	–	–	11.660	20.64	PHS 60-1A80
			496.32	B	–	31.75	69.85	107.95	50.80	11.660	19.00	PHS 60-1B80
		84	520.45	A	31.75	–	–	–	–	11.660	18.23	PHS 60-1A84
			520.45	B	–	31.75	82.55	120.65	50.80	11.660	21.07	PHS 60-1B84

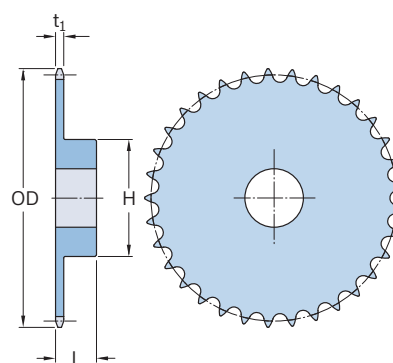
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 25-1BH9.

ANSI sprockets, simplex, pilot bore

ANSI 60-1 · 19.05 mm (3/4") pitch | ANSI 80-1 · 25.40 mm (1") pitch



Type A



Type B

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub H	L	Plate thickness t ₁	Mass	Designation
					Bore stock Min.	Bore Min.	Max.					
mm	in.	–	mm	–	mm						kg	–
19.05	3/4	90	557.02	A	31.75	–	–	–	–	11.660	19.70	PHS 60-1A90
			557.02	B	–	31.75	84.14	127.00	57.15	11.660	28.67	PHS 60-1B90
		96	593.34	A	31.75	–	–	–	–	11.660	23.60	PHS 60-1A96
			593.34	B	–	31.75	95.25	139.70	57.15	11.660	28.61	PHS 60-1B96
		112	690.37	A	31.75	–	–	–	–	11.660	32.11	PHS 60-1A112
			690.37	B	–	31.75	95.25	139.70	57.15	11.660	37.09	PHS 60-1B112
25.40	1	8	76.45	B	–	25.40	25.40	49.21	41.28	14.600	0.64	PHS 80-1BH8
		9	85.09	A	23.81	–	–	–	–	14.600	0.36	PHS 80-1A9
			85.09	B	–	25.40	33.34	57.15	41.28	14.600	0.73	PHS 80-1BH9
		10	93.47	A	23.81	–	–	–	–	14.600	0.45	PHS 80-1A10
			93.47	B	–	25.40	38.10	65.09	41.28	14.600	1.00	PHS 80-1BH10
		11	101.85	A	23.81	–	–	–	–	14.600	0.59	PHS 80-1A11
			101.85	B	–	25.40	41.28	71.44	41.28	14.600	1.45	PHS 80-1BH11
		12	109.98	A	23.81	–	–	–	–	14.600	0.68	PHS 80-1A12
			109.98	B	–	25.40	47.63	79.38	41.28	14.600	1.54	PHS 80-1BH12
		13	118.36	A	23.81	–	–	–	–	14.600	0.82	PHS 80-1A13
			118.36	B	–	25.40	50.80	76.20	38.10	14.600	1.59	PHS 80-1BH13
		14	126.49	A	23.81	–	–	–	–	14.600	1.00	PHS 80-1A14
			126.49	B	–	25.40	57.15	82.55	38.10	14.600	1.86	PHS 80-1BH14
		15	134.62	A	23.81	–	–	–	–	14.600	1.13	PHS 80-1A15
			134.62	B	–	25.40	63.50	96.84	38.10	14.600	2.40	PHS 80-1BH15
		16	143.00	A	23.81	–	–	–	–	14.600	1.32	PHS 80-1A16
			143.00	B	–	25.40	69.85	101.60	38.10	14.600	2.68	PHS 80-1BH16
		17	151.13	A	23.81	–	–	–	–	14.600	1.50	PHS 80-1A17
			151.13	B	–	25.40	69.85	101.60	38.10	14.600	2.99	PHS 80-1BH17
		18	159.26	A	23.81	–	–	–	–	14.600	1.68	PHS 80-1A18
			159.26	B	–	25.40	69.85	107.95	38.10	14.600	3.31	PHS 80-1BH18
		19	167.39	A	23.81	–	–	–	–	14.600	1.86	PHS 80-1A19
			167.39	B	–	25.40	69.85	107.95	38.10	14.600	3.54	PHS 80-1BH19
		20	175.51	A	23.81	–	–	–	–	14.600	2.13	PHS 80-1A20
			175.51	B	–	25.40	69.85	107.95	38.10	14.600	3.81	PHS 80-1BH20
		21	183.90	A	23.81	–	–	–	–	14.600	2.22	PHS 80-1A21
			183.90	B	–	25.40	69.85	107.95	44.45	14.600	4.26	PHS 80-1BH21
		22	192.02	A	23.81	–	–	–	–	14.600	2.49	PHS 80-1A22
			192.02	B	–	25.40	69.85	107.95	44.45	14.600	4.54	PHS 80-1BH22
		23	200.15	A	23.81	–	–	–	–	14.600	2.86	PHS 80-1A23
			200.15	B	–	25.40	69.85	107.95	44.45	14.600	4.85	PHS 80-1BH23
		24	208.28	A	23.81	–	–	–	–	14.600	3.04	PHS 80-1A24
			208.28	B	–	25.40	69.85	107.95	44.45	14.600	5.13	PHS 80-1BH24
		25	216.41	A	23.81	–	–	–	–	14.600	3.27	PHS 80-1A25
			216.41	B	–	25.40	69.85	107.95	44.45	14.600	5.40	PHS 80-1BH25
		26	224.54	A	30.16	–	–	–	–	14.600	3.54	PHS 80-1A26
			224.54	B	–	31.75	82.55	120.65	50.80	14.600	6.49	PHS 80-1B26

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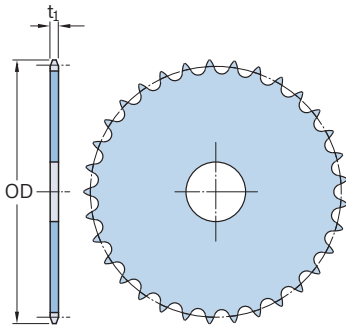
ANSI sprockets, simplex, pilot bore
ANSI 80-1 · 25.40 mm (1") pitch

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub H	L	Plate thickness t ₁	Mass	Designation
mm	in.				Bore stock Min.	Bore Min.	Max.					
25.40	1	27	232.66 232.66	A B	30.16 —	— 31.75	— 82.55	— 120.65	— 50.80	14.600 14.600	3.90 6.99	PHS 80-1A27 PHS 80-1B27
		28	240.79 240.79	A B	30.16 —	— 31.75	— 82.55	— 120.65	— 50.80	14.600 14.600	4.22 7.26	PHS 80-1A28 PHS 80-1B28
		29	248.92 248.92	A B	30.16 —	— 30.16	— 82.55	— 120.65	— 50.80	14.600 14.600	4.45 7.76	PHS 80-1A29 PHS 80-1B29
		30	256.79 256.79	A B	30.16 —	— 30.16	— 82.55	— 120.65	— 50.80	14.600 14.600	4.85 7.89	PHS 80-1A30 PHS 80-1B30
		31	264.92 264.92	A B	30.16 —	— 30.16	— 82.55	— 120.65	— 50.80	14.600 14.600	5.13 8.48	PHS 80-1A31 PHS 80-1B31
		32	273.05 273.05	A B	30.16 —	— 30.16	— 82.55	— 120.65	— 50.80	14.600 14.600	5.49 8.85	PHS 80-1A32 PHS 80-1B32
		33	281.18 281.18	A B	30.16 —	— 30.16	— 82.55	— 120.65	— 50.80	14.600 14.600	6.17 8.89	PHS 80-1A33 PHS 80-1B33
		34	289.31 289.31	A B	30.16 —	— 30.16	— 82.55	— 120.65	— 50.80	14.600 14.600	6.49 9.66	PHS 80-1A34 PHS 80-1B34
		35	297.43 297.43	A B	30.16 —	— 30.16	— 82.55	— 120.65	— 50.80	14.600 14.600	6.71 10.02	PHS 80-1A35 PHS 80-1B35
		36	305.56 305.56	A B	30.16 —	— 30.16	— 82.55	— 120.65	— 50.80	14.600 14.600	7.30 10.48	PHS 80-1A36 PHS 80-1B36
		37	313.69 313.69	A B	30.16 —	— 30.16	— 82.55	— 120.65	— 50.80	14.600 14.600	7.62 10.80	PHS 80-1A37 PHS 80-1B37
		38	321.82 321.82	A B	30.16 —	— 30.16	— 82.55	— 120.65	— 50.80	14.600 14.600	7.80 11.20	PHS 80-1A38 PHS 80-1B38
		39	329.95 329.95	A B	30.16 —	— 30.16	— 82.55	— 120.65	— 50.80	14.600 14.600	8.12 11.61	PHS 80-1A39 PHS 80-1B39
		40	338.07 338.07	A B	30.16 —	— 30.16	— 82.55	— 120.65	— 50.80	14.600 14.600	8.57 12.11	PHS 80-1A40 PHS 80-1B40
		41	346.20 346.20	A B	31.75 —	— 31.75	— 82.55	— 120.65	— 50.80	14.600 14.600	9.53 12.61	PHS 80-1A41 PHS 80-1B41
		42	354.08 354.08	A B	31.75 —	— 31.75	— 82.55	— 120.65	— 50.80	14.600 14.600	9.89 13.02	PHS 80-1A42 PHS 80-1B42
		43	362.20 362.20	A B	31.75 —	— 31.75	— 82.55	— 120.65	— 50.80	14.600 14.600	10.70 13.34	PHS 80-1A43 PHS 80-1B43
		44	370.33 370.33	A B	31.75 —	— 31.75	— 82.55	— 120.65	— 50.80	14.600 14.600	11.02 13.56	PHS 80-1A44 PHS 80-1B44
		45	378.46 378.46	A B	31.75 —	— 31.75	— 82.55	— 120.65	— 50.80	14.600 14.600	11.43 14.24	PHS 80-1A45 PHS 80-1B45
		46	386.59 386.59	A B	31.75 —	— 31.75	— 82.55	— 120.65	— 50.80	14.600 14.600	12.07 15.01	PHS 80-1A46 PHS 80-1B46
		47	394.72 394.72	A B	31.75 —	— 31.75	— 82.55	— 120.65	— 50.80	14.600 14.600	11.97 15.42	PHS 80-1A47 PHS 80-1B47
		48	402.84 402.84	A B	31.75 —	— 31.75	— 82.55	— 120.65	— 50.80	14.600 14.600	12.61 16.10	PHS 80-1A48 PHS 80-1B48
		49	410.97 410.97	A B	31.75 —	— 31.75	— 82.55	— 120.65	— 50.80	14.600 14.600	13.11 16.24	PHS 80-1A49 PHS 80-1B49
		50	419.10 419.10	A B	31.75 —	— 31.75	— 82.55	— 120.65	— 50.80	14.600 14.600	14.02 16.92	PHS 80-1A50 PHS 80-1B50
		51	426.97 426.97	A B	31.75 —	— 31.75	— 82.55	— 120.65	— 50.80	14.600 14.600	14.61 17.51	PHS 80-1A51 PHS 80-1B51
		52	435.10 435.10	A B	31.75 —	— 31.75	— 82.55	— 120.65	— 50.80	14.600 14.600	14.97 17.87	PHS 80-1A52 PHS 80-1B52
		53	443.23 443.23	A B	31.75 —	— 31.75	— 82.55	— 120.65	— 50.80	14.600 14.600	15.83 18.73	PHS 80-1A53 PHS 80-1B53
		54	451.36 451.36	A B	31.75 —	— 31.75	— 88.90	— 133.35	— 50.80	14.600 14.600	16.60 20.28	PHS 80-1A54 PHS 80-1B54
		55	459.49 459.49	A B	31.75 —	— 31.75	— 88.90	— 133.35	— 50.80	14.600 14.600	17.01 20.68	PHS 80-1A55 PHS 80-1B55
		56	467.61	A	31.75	—	—	—	—	14.600	17.87	PHS 80-1A56

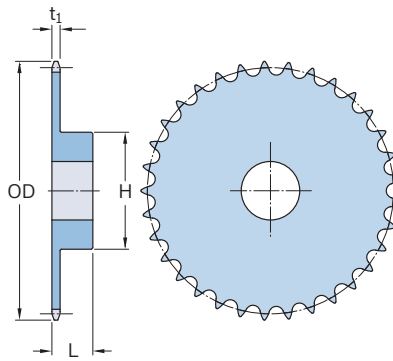
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ANSI sprockets, simplex, pilot bore

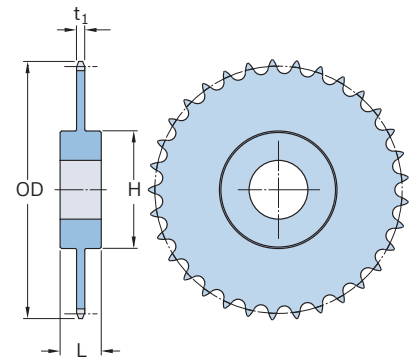
ANSI 80-1 · 25.40 mm (1") pitch | ANSI 100-1 · 31.75 mm (1 1/4") pitch



Type A



Type B



Type C

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub H	L	Plate thickness t ₁	Mass	Designation
mm	in.				Bore stock Min.	Bore Min.	Max.					
25.40	1	56	467.61	B	—	31.75	88.90	133.35	50.80	14.600	21.55	PHS 80-1B56
		57	475.74	A	31.75	—	—	—	—	14.600	18.33	PHS 80-1A57
			475.74	B	—	31.75	88.90	133.35	50.80	14.600	22.00	PHS 80-1B57
		58	483.62	A	31.75	—	—	—	—	14.600	18.73	PHS 80-1A58
			483.62	B	—	31.75	88.90	133.35	50.80	14.600	22.91	PHS 80-1B58
		59	491.74	A	31.75	—	—	—	—	14.600	19.46	PHS 80-1A59
			491.74	B	—	31.75	88.90	133.35	50.80	14.600	23.63	PHS 80-1B59
		60	499.87	A	31.75	—	—	—	—	14.600	20.55	PHS 80-1A60
			499.87	B	—	31.75	88.90	133.35	50.80	14.600	24.72	PHS 80-1B60
		65	540.26	A	31.75	—	—	—	—	14.600	23.68	PHS 80-1A65
			540.26	B	—	31.75	88.90	133.35	50.80	14.600	28.03	PHS 80-1B65
		70	580.90	A	38.10	—	—	—	—	14.600	27.12	PHS 80-1A70
			580.90	C	—	38.10	107.95	158.75	88.90	14.600	34.34	PHS 80-1C70
		72	596.90	A	38.10	—	—	—	—	14.600	29.80	PHS 80-1A72
			596.90	C	—	38.10	107.95	158.75	88.90	14.600	36.92	PHS 80-1C72
		76	629.41	A	38.10	—	—	—	—	14.600	31.84	PHS 80-1A76
			629.41	C	—	38.10	107.95	158.75	88.90	14.600	39.83	PHS 80-1C76
		80	661.67	A	38.10	—	—	—	—	14.600	36.11	PHS 80-1A80
			661.67	C	—	38.10	107.95	158.75	88.90	14.600	40.78	PHS 80-1C80
		84	694.18	A	38.10	—	—	—	—	14.600	39.05	PHS 80-1A84
			694.18	C	—	38.10	107.95	158.75	88.90	14.600	45.00	PHS 80-1C84
		90	742.70	A	38.10	—	—	—	—	14.600	45.81	PHS 80-1A90
			742.70	C	—	38.10	107.95	158.75	88.90	14.600	48.08	PHS 80-1C90
		96	791.21	A	38.10	—	—	—	—	14.600	54.43	PHS 80-1A96
			791.21	C	—	38.10	107.95	158.75	88.90	14.600	53.07	PHS 80-1C96
		112	920.50	A	38.10	—	—	—	—	14.600	74.84	PHS 80-1A112
			920.50	C	—	38.10	107.95	158.75	88.90	14.600	69.85	PHS 80-1C112
31.75	1 1/4	7	85.09	A	25.40	—	—	—	—	17.580	0.54	PHS 100-1A7
		8	95.76	A	25.40	—	—	—	—	17.580	0.64	PHS 100-1A8
			95.76	B	—	25.40	31.75	61.91	47.63	17.580	1.04	PHS 100-1BH8
		9	106.17	A	25.40	—	—	—	—	17.580	0.73	PHS 100-1A9
			106.17	B	—	25.40	41.28	71.44	47.63	17.580	1.45	PHS 100-1BH9
		10	116.84	A	25.40	—	—	—	—	17.580	0.91	PHS 100-1A10
			116.84	B	—	25.40	47.63	82.55	47.63	17.580	1.86	PHS 100-1BH10
		11	127.25	A	31.75	—	—	—	—	17.580	1.13	PHS 100-1A11
			127.25	B	—	25.40	57.15	90.49	47.63	17.580	2.40	PHS 100-1BH11
		12	137.67	A	31.75	—	—	—	—	17.580	1.36	PHS 100-1A12
			137.67	B	—	25.40	57.15	101.60	47.63	17.580	2.90	PHS 100-1BH12
		13	147.83	A	31.75	—	—	—	—	17.580	1.59	PHS 100-1A13
			147.83	B	—	25.40	60.33	98.43	41.28	17.580	2.99	PHS 100-1BH13
		14	158.24	A	31.75	—	—	—	—	17.580	1.86	PHS 100-1A14
			158.24	B	—	31.75	69.85	106.36	41.28	17.580	3.36	PHS 100-1BH14

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
 All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
 For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 25-1BH9.

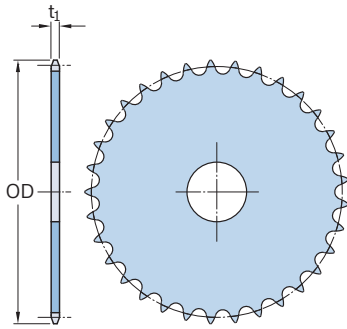
ANSI sprockets, simplex, pilot bore
ANSI 100-1 · 31.75 mm (1 1/4") pitch

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub H	L	Plate thickness t ₁	Mass	Designation
mm	in.				Bore stock Min.	Bore Min.	Max.					
31.75	1 1/4	15	168.40 168.40	A B	31.75 —	— 31.75	— 76.20	— 114.30	— 44.45	17.580 17.580	2.13 4.17	PHS 100-1A15 PHS 100-1BH15
		16	178.56 178.56	A B	31.75 —	— 33.34	— 76.20	— 114.30	— 44.45	17.580 17.580	2.45 4.49	PHS 100-1A16 PHS 100-1BH16
		17	188.98 188.98	A B	31.75 —	— 33.34	— 76.20	— 114.30	— 44.45	17.580 17.580	2.77 4.90	PHS 100-1A17 PHS 100-1BH17
		18	199.14 199.14	A B	31.75 —	— 33.34	— 76.20	— 114.30	— 44.45	17.580 17.580	3.18 5.22	PHS 100-1A18 PHS 100-1BH18
		19	209.30 209.30	A B	31.75 —	— 33.34	— 76.20	— 114.30	— 50.80	17.580 17.580	3.54 5.94	PHS 100-1A19 PHS 100-1BH19
		20	219.46 219.46	A B	31.75 —	— 33.34	— 76.20	— 114.30	— 50.80	17.580 17.580	3.99 6.44	PHS 100-1A20 PHS 100-1BH20
		21	229.62 229.62	A B	31.75 —	— 33.34	— 76.20	— 114.30	— 50.80	17.580 17.580	4.45 6.94	PHS 100-1A21 PHS 100-1BH21
		22	239.78 239.78	A B	31.75 —	— 33.34	— 76.20	— 114.30	— 50.80	17.580 17.580	4.76 7.30	PHS 100-1A22 PHS 100-1BH22
		23	249.94 249.94	A B	31.75 —	— 31.75	— 76.20	— 114.30	— 50.80	17.580 17.580	5.35 7.80	PHS 100-1A23 PHS 100-1BH23
		24	260.35 260.35	A B	31.75 —	— 31.75	— 76.20	— 114.30	— 50.80	17.580 17.580	5.81 8.71	PHS 100-1A24 PHS 100-1BH24
		25	270.51 270.51	A B	31.75 —	— 31.75	— 76.20	— 114.30	— 50.80	17.580 17.580	6.30 8.85	PHS 100-1A25 PHS 100-1BH25
		26	280.67 280.67	A B	31.75 —	— 31.75	— 84.14	— 127.00	— 50.80	17.580 17.580	6.80 9.84	PHS 100-1A26 PHS 100-1B26
		27	290.58 290.58	A B	31.75 —	— 31.75	— 84.14	— 127.00	— 50.80	17.580 17.580	7.26 10.43	PHS 100-1A27 PHS 100-1B27
		28	300.74 300.74	A B	31.75 —	— 31.75	— 84.14	— 127.00	— 50.80	17.580 17.580	7.89 11.07	PHS 100-1A28 PHS 100-1B28
		29	310.90 310.90	A B	31.75 —	— 31.75	— 84.14	— 127.00	— 50.80	17.580 17.580	8.89 11.34	PHS 100-1A29 PHS 100-1B29
		30	321.06 321.06	A B	31.75 —	— 31.75	— 84.14	— 127.00	— 50.80	17.580 17.580	9.12 12.20	PHS 100-1A30 PHS 100-1B30
		31	331.22	A	31.75	—	—	—	—	17.580	9.75	PHS 100-1A31
		32	341.38 341.38	A B	31.75 —	— 31.75	— 84.14	— 127.00	— 50.80	17.580 17.580	10.25 13.52	PHS 100-1A32 PHS 100-1B32
		33	351.54	A	31.75	—	—	—	—	17.580	10.93	PHS 100-1A33
		34	361.70	A	31.75	—	—	—	—	17.580	11.79	PHS 100-1A34
		35	371.86 371.86	A B	31.75 —	— 31.75	— 84.14	— 127.00	— 63.50	17.580 17.580	12.34 16.74	PHS 100-1A35 PHS 100-1B35
		36	382.02 382.02	A B	31.75 —	— 31.75	— 84.14	— 127.00	— 63.50	17.580 17.580	13.61 17.51	PHS 100-1A36 PHS 100-1B36
		37	392.18	A	31.75	—	—	—	—	17.580	14.06	PHS 100-1A37
		38	402.34 402.34	A B	31.75 —	— 31.75	— 84.14	— 127.00	— 63.50	17.580 17.580	14.97 18.82	PHS 100-1A38 PHS 100-1B38
		39	412.24 412.24	A B	31.75 —	— 31.75	— 84.14	— 127.00	— 63.50	17.580 17.580	15.88 19.78	PHS 100-1A39 PHS 100-1B39
		40	422.40 422.40	A B	31.75 —	— 31.75	— 84.14	— 127.00	— 63.50	17.580 17.580	16.33 21.27	PHS 100-1A40 PHS 100-1B40
		41	432.56	A	31.75	—	—	—	—	17.580	17.69	PHS 100-1A41
		42	442.72 442.72	A B	31.75 —	— 31.75	— 84.14	— 127.00	— 63.50	17.580 17.580	18.14 22.86	PHS 100-1A42 PHS 100-1B42
		43	452.88	A	38.10	—	—	—	—	17.580	19.50	PHS 100-1A43
		44	463.04	A	38.10	—	—	—	—	17.580	20.41	PHS 100-1A44
		45	473.20 473.20	A B	38.10 —	— 38.10	— 84.14	— 127.00	— 63.50	17.580 17.580	21.32 24.49	PHS 100-1A45 PHS 100-1B45
		46	483.11	A	38.10	—	—	—	—	17.580	21.77	PHS 100-1A46

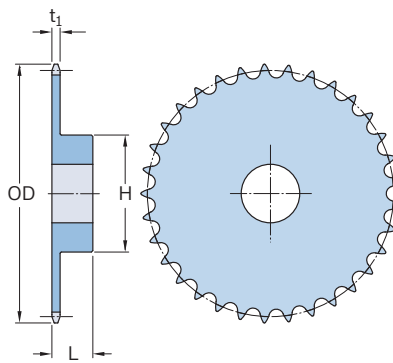
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
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For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 25-1BH9.

ANSI sprockets, simplex, pilot bore

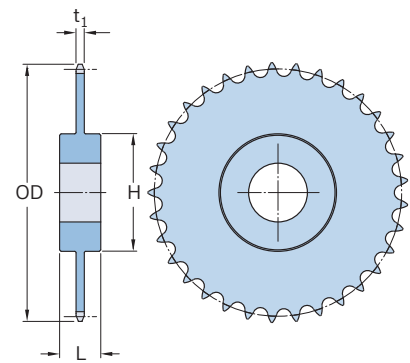
ANSI 100-1 · 31.75 mm (1 1/4") pitch | ANSI 120-1 · 38.10 mm (1 1/2") pitch



Type A



Type B



Type C

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub H	L	Plate thickness t ₁	Mass	Designation
mm	in.				Bore stock Min.	Bore Min.	Max.					
31.75	1 1/4	47	493.27	A	38.10	—	—	—	—	17.580	23.59	PHS 100-1A47
		48	503.43	A	38.10	—	—	—	—	17.580	24.49	PHS 100-1A48
			503.43	B	—	38.10	101.60	152.40	63.50	17.580	29.94	PHS 100-1B48
		49	513.59	A	38.10	—	—	—	—	17.580	25.40	PHS 100-1A49
		50	523.75	A	38.10	—	—	—	—	17.580	25.85	PHS 100-1A50
		51	533.91	A	38.10	—	—	—	—	17.580	28.58	PHS 100-1A51
		52	544.07	A	38.10	—	—	—	—	17.580	29.03	PHS 100-1A52
		53	553.97	A	38.10	—	—	—	—	17.580	29.12	PHS 100-1A53
		54	564.13	A	38.10	—	—	—	—	17.580	30.84	PHS 100-1A54
			564.13	C	—	38.10	101.60	152.40	82.55	17.580	35.38	PHS 100-1C54
		55	574.29	A	38.10	—	—	—	—	17.580	31.75	PHS 100-1A55
		56	584.45	A	38.10	—	—	—	—	17.580	32.66	PHS 100-1A56
		57	594.61	A	38.10	—	—	—	—	17.580	34.38	PHS 100-1A57
		58	604.77	A	38.10	—	—	—	—	17.580	34.47	PHS 100-1A58
		59	614.68	A	38.10	—	—	—	—	17.580	34.93	PHS 100-1A59
		60	624.84	A	38.10	—	—	—	—	17.580	36.29	PHS 100-1A60
			624.84	C	—	38.10	101.60	152.40	82.55	17.580	40.37	PHS 100-1C60
		70	725.93	A	38.10	—	—	—	—	17.580	51.26	PHS 100-1A70
			725.93	C	—	38.10	133.35	177.80	95.25	17.580	56.70	PHS 100-1C70
		72	746.25	A	38.10	—	—	—	—	17.580	53.98	PHS 100-1A72
			746.25	C	—	38.10	133.35	177.80	95.25	17.580	60.78	PHS 100-1C72
		76	786.64	A	38.10	—	—	—	—	17.580	60.33	PHS 100-1A76
			786.64	C	—	38.10	133.35	177.80	95.25	17.580	64.86	PHS 100-1C76
		80	827.28	A	38.10	—	—	—	—	17.580	66.22	PHS 100-1A80
			827.28	C	—	38.10	133.35	177.80	95.25	17.580	68.49	PHS 100-1C80
		84	867.66	A	38.10	—	—	—	—	17.580	73.48	PHS 100-1A84
			867.66	C	—	38.10	133.35	177.80	95.25	17.580	77.11	PHS 100-1C84
		90	928.37	A	38.10	—	—	—	—	17.580	87.54	PHS 100-1A90
			928.37	C	—	38.10	133.35	177.80	95.25	17.580	83.46	PHS 100-1C90
		96	988.82	A	38.10	—	—	—	—	17.580	97.52	PHS 100-1A96
			988.82	C	—	38.10	133.35	177.80	114.30	17.580	92.08	PHS 100-1C96
38.10	1 1/2	8	114.81	A	31.75	—	—	—	—	23.470	1.09	PHS 120-1A8
		9	127.51	A	31.75	—	—	—	—	23.470	1.36	PHS 120-1A9
			127.51	B	—	34.93	46.04	85.73	57.15	23.470	2.40	PHS 120-1BH9
		10	140.21	A	31.75	—	—	—	—	23.470	1.72	PHS 120-1A10
			140.21	B	—	34.93	57.15	95.25	57.15	23.470	3.22	PHS 120-1BH10
		11	152.65	A	31.75	—	—	—	—	23.470	2.18	PHS 120-1A11
			152.65	B	—	34.93	60.33	90.49	53.98	23.470	3.45	PHS 120-1BH11
		12	165.10	A	31.75	—	—	—	—	23.470	2.63	PHS 120-1A12

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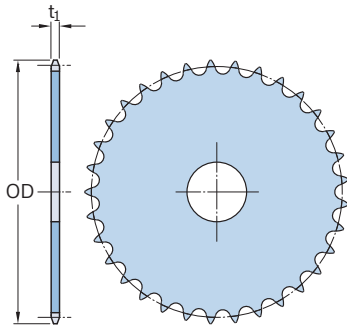
ANSI sprockets, simplex, pilot bore
ANSI 120-1 · 38.10 mm (1 1/2") pitch

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub H	L	Plate thickness t ₁	Mass	Designation
mm	in.				Bore stock Min.	Bore Min.	Max.					
38.10	1 1/2	12	165.10	B	—	34.93	69.85	104.78	53.98	23.470	4.49	PHS 120-1BH12
		13	177.55 177.55	A B	31.75 —	— 34.93	— 76.20	— 115.89	— 57.15	23.470 23.470	3.04 5.62	PHS 120-1A13 PHS 120-1BH13
		14	189.74 189.74	A B	31.75 —	— 34.93	— 82.55	— 120.65	— 57.15	23.470 23.470	3.63 6.53	PHS 120-1A14 PHS 120-1BH14
		15	202.18 202.18	A B	31.75 —	— 31.75	— 82.55	— 120.65	— 60.33	23.470 23.470	4.13 7.57	PHS 120-1A15 PHS 120-1BH15
		16	214.38 214.38	A B	31.75 —	— 31.75	— 88.90	— 133.35	— 60.33	23.470 23.470	4.81 9.03	PHS 120-1A16 PHS 120-1BH16
		17	226.57 226.57	A B	31.75 —	— 31.75	— 88.90	— 133.35	— 60.33	23.470 23.470	5.72 9.43	PHS 120-1A17 PHS 120-1BH17
		18	239.01 239.01	A B	31.75 —	— 31.75	— 88.90	— 133.35	— 60.33	23.470 23.470	6.17 10.07	PHS 120-1A18 PHS 120-1BH18
		19	251.21 251.21	A B	31.75 —	— 31.75	— 88.90	— 133.35	— 60.33	23.470 23.470	6.85 11.25	PHS 120-1A19 PHS 120-1BH19
		20	263.40 263.40	A B	31.75 —	— 31.75	— 88.90	— 133.35	— 60.33	23.470 23.470	7.67 11.70	PHS 120-1A20 PHS 120-1BH20
		21	275.59 275.59	A B	31.75 —	— 31.75	— 88.90	— 133.35	— 60.33	23.470 23.470	8.48 12.11	PHS 120-1A21 PHS 120-1BH21
		22	287.78 287.78	A B	31.75 —	— 31.75	— 88.90	— 133.35	— 60.33	23.470 23.470	9.07 12.79	PHS 120-1A22 PHS 120-1BH22
		23	299.97 299.97	A B	31.75 —	— 31.75	— 88.90	— 133.35	— 60.33	23.470 23.470	10.02 13.74	PHS 120-1A23 PHS 120-1BH23
		24	312.17 312.17	A B	31.75 —	— 31.75	— 88.90	— 133.35	— 60.33	23.470 23.470	11.25 14.56	PHS 120-1A24 PHS 120-1BH24
		25	324.36 324.36	A B	31.75 —	— 31.75	— 88.90	— 133.35	— 60.33	23.470 23.470	12.16 15.69	PHS 120-1A25 PHS 120-1BH25
		26	336.55 336.55	A B	38.10 —	— 38.10	— 101.60	— 152.40	— 63.50	23.470 23.470	12.84 18.14	PHS 120-1A26 PHS 120-1B26
		27	348.74	A	38.10	—	—	—	—	23.470	14.02	PHS 120-1A27
		28	360.93 360.93	A B	38.10 —	— 38.10	— 101.60	— 152.40	— 63.50	23.470 23.470	15.24 20.37	PHS 120-1A28 PHS 120-1B28
		30	385.32 385.32	A B	38.10 —	— 38.10	— 101.60	— 152.40	— 63.50	23.470 23.470	17.69 22.77	PHS 120-1A30 PHS 120-1B30
		32	409.70 409.70	A B	38.10 —	— 38.10	— 101.60	— 152.40	— 63.50	23.470 23.470	19.91 25.40	PHS 120-1A32 PHS 120-1B32
		33	421.89	A	38.10	—	—	—	—	23.470	21.86	PHS 120-1A33
		34	434.09	A	38.10	—	—	—	—	23.470	22.68	PHS 120-1A34
		35	446.28 446.28	A B	38.10 —	— 38.10	— 101.60	— 152.40	— 63.50	23.470 23.470	23.59 28.30	PHS 120-1A35 PHS 120-1B35
		36	458.47 458.47	A B	38.10 —	— 38.10	— 101.60	— 152.40	— 63.50	23.470 23.470	25.40 30.12	PHS 120-1A36 PHS 120-1B36
		40	506.98 506.98	A C	38.10 —	— 38.10	— 101.60	— 152.40	— 95.25	23.470 23.470	32.21 41.73	PHS 120-1A40 PHS 120-1C40
		42	531.37 531.37	A C	38.10 —	— 38.10	— 101.60	— 152.40	— 95.25	23.470 23.470	34.02 44.45	PHS 120-1A42 PHS 120-1C42
		45	567.69 567.69	A C	38.10 —	— 38.10	— 101.60	— 152.40	— 95.25	23.470 23.470	39.92 45.00	PHS 120-1A45 PHS 120-1C45
		48	604.27 604.27	A C	38.10 —	— 38.10	— 101.60	— 152.40	— 101.60	23.470 23.470	46.72 51.26	PHS 120-1A48 PHS 120-1C48
		54	676.91 676.91	A C	38.10 —	— 38.10	— 101.60	— 152.40	— 101.60	23.470 23.470	63.50 60.33	PHS 120-1A54 PHS 120-1C54
		60	749.81 749.81	A C	38.10 —	— 38.10	— 133.35	— 177.80	— 101.60	23.470 23.470	72.57 72.57	PHS 120-1A60 PHS 120-1C60
		70	871.22 871.22	A C	38.10 —	— 38.10	— 136.53	— 190.50	— 114.30	23.470 23.470	97.98 93.44	PHS 120-1A70 PHS 120-1C70
		80	992.63 992.63	A C	38.10 —	— 38.10	— 136.53	— 190.50	— 114.30	23.470 23.470	128.82 115.21	PHS 120-1A80 PHS 120-1C80

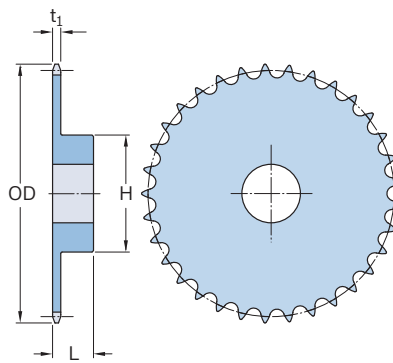
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ANSI sprockets, simplex, pilot bore

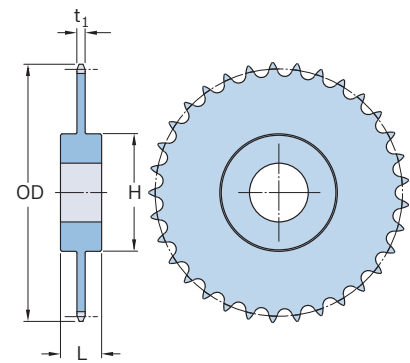
ANSI 120-1 · 38.10 mm (1 1/2") pitch | ANSI 140-1 · 44.45 mm (1 3/4") pitch



Type A



Type B



Type C

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub H	L	Plate thickness t ₁	Mass	Designation
mm	in.				Bore stock Min.	Bore Min.	Max.					
38.10	1 1/2	90	1113.79	A	38.10	—	—	—	—	23.470	162.39	PHS 120-1A90
44.45	1 3/4	11	178.05	A	38.10	—	—	—	—	23.470	2.27	PHS 140-1A11
			178.05	B	—	38.10	69.85	107.95	57.15	23.470	5.13	PHS 140-1BH11
		12	192.53	A	38.10	—	—	—	—	23.470	3.54	PHS 140-1A12
			192.53	B	—	38.10	76.20	114.30	57.15	23.470	5.99	PHS 140-1BH12
		13	207.01	A	38.10	—	—	—	—	23.470	3.72	PHS 140-1A13
			207.01	B	—	38.10	95.25	139.70	60.33	23.470	8.57	PHS 140-1BH13
		14	221.49	A	38.10	—	—	—	—	23.470	4.54	PHS 140-1A14
			221.49	B	—	38.10	95.25	139.70	60.33	23.470	9.25	PHS 140-1BH14
		15	235.71	A	38.10	—	—	—	—	23.470	4.99	PHS 140-1A15
			235.71	B	—	38.10	107.95	158.75	60.33	23.470	11.39	PHS 140-1BH15
		16	250.19	A	38.10	—	—	—	—	23.470	6.35	PHS 140-1A16
			250.19	B	—	38.10	107.95	158.75	63.50	23.470	12.66	PHS 140-1BH16
		17	264.41	A	38.10	—	—	—	—	23.470	7.26	PHS 140-1A17
			264.41	B	—	38.10	107.95	158.75	63.50	23.470	13.52	PHS 140-1BH17
		18	278.89	A	38.10	—	—	—	—	23.470	8.16	PHS 140-1A18
			278.89	B	—	38.10	107.95	158.75	63.50	23.470	14.51	PHS 140-1BH18
		19	293.12	A	38.10	—	—	—	—	23.470	9.53	PHS 140-1A19
			293.12	B	—	38.10	107.95	158.75	63.50	23.470	15.47	PHS 140-1BH19
		20	307.34	A	38.10	—	—	—	—	23.470	10.43	PHS 140-1A20
			307.34	B	—	38.10	107.95	158.75	63.50	23.470	16.33	PHS 140-1BH20
		21	321.56	A	38.10	—	—	—	—	23.470	11.34	PHS 140-1A21
			321.56	B	—	38.10	107.95	158.75	63.50	23.470	17.55	PHS 140-1BH21
		22	335.79	A	38.10	—	—	—	—	23.470	12.70	PHS 140-1A22
			335.79	B	—	38.10	107.95	158.75	63.50	23.470	18.42	PHS 140-1BH22
		23	350.01	A	38.10	—	—	—	—	23.470	13.61	PHS 140-1A23
			350.01	B	—	38.10	107.95	158.75	63.50	23.470	19.10	PHS 140-1BH23
		24	364.24	A	38.10	—	—	—	—	23.470	14.97	PHS 140-1A24
			364.24	B	—	38.10	107.95	158.75	63.50	23.470	20.96	PHS 140-1BH24
		25	378.46	A	38.10	—	—	—	—	23.470	15.42	PHS 140-1A25
			378.46	B	—	38.10	107.95	158.75	63.50	23.470	21.68	PHS 140-1BH25
		26	392.68	A	38.10	—	—	—	—	23.470	17.69	PHS 140-1A26
			392.68	B	—	38.10	107.95	158.75	76.20	23.470	25.95	PHS 140-1B26
		27	406.91	A	38.10	—	—	—	—	23.470	18.60	PHS 140-1A27
			406.91	B	—	38.10	107.95	158.75	76.20	23.470	26.54	PHS 140-1B27
		28	421.13	A	38.10	—	—	—	—	23.470	20.41	PHS 140-1A28
			421.13	B	—	38.10	107.95	158.75	76.20	23.470	28.21	PHS 140-1B28
		30	449.58	A	38.10	—	—	—	—	23.470	23.59	PHS 140-1A30
			449.58	B	—	38.10	107.95	158.75	76.20	23.470	31.66	PHS 140-1B30
		31	463.80	A	44.45	38.10	—	—	—	23.470	25.40	PHS 140-1A31
		32	478.03	A	38.10	—	—	—	—	23.470	27.22	PHS 140-1A32
			478.03	B	—	38.10	107.95	158.75	76.20	23.470	34.61	PHS 140-1B32

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
 All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
 For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 25-1BH9.

ANSI sprockets, simplex, pilot bore

ANSI 140-1 · 44.45 mm (1 3/4") pitch | ANSI 160-1 · 50.80 mm (2") pitch

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub H	L	Plate thickness t ₁	Mass	Designation
mm	in.				Bore stock Min.	Bore Min.	Max.					
44.45	1 3/4	35	520.45	A	38.10	—	—	—	—	23.470	33.11	PHS 140-1A35
			520.45	C	—	38.10	133.35	177.80	101.60	23.470	48.99	PHS 140-1C35
		36	534.67	A	44.45	38.10	—	—	—	23.470	34.93	PHS 140-1A36
		40	591.57	A	38.10	—	—	—	—	23.470	42.18	PHS 140-1A40
			591.57	C	—	38.10	133.35	177.80	101.60	23.470	54.88	PHS 140-1C40
		45	662.43	A	38.10	—	—	—	—	23.470	59.42	PHS 140-1A45
			662.43	C	—	38.10	133.35	177.80	101.60	23.470	64.41	PHS 140-1C45
		48	704.85	A	38.10	—	—	—	—	23.470	60.78	PHS 140-1A48
			704.85	C	—	38.10	133.35	177.80	101.60	23.470	68.04	PHS 140-1C48
		54	789.94	A	38.10	—	—	—	—	23.470	78.47	PHS 140-1A54
			789.94	C	—	38.10	133.35	177.80	101.60	23.470	80.29	PHS 140-1C54
		60	874.78	A	38.10	—	—	—	—	23.470	99.34	PHS 140-1A60
			874.78	C	—	38.10	133.35	177.80	127.00	23.470	99.79	PHS 140-1C60
		70	1016.51	A	38.10	—	—	—	—	23.470	132.45	PHS 140-1A70
			1016.51	C	—	38.10	136.53	190.50	127.00	23.470	127.91	PHS 140-1C70
		80	1157.99	A	38.10	—	—	—	—	23.470	182.34	PHS 140-1A80
			1157.99	C	—	38.10	136.53	190.50	127.00	23.470	150.14	PHS 140-1C80
50.80	2	8	153.16	A	38.10	—	—	—	—	29.360	2.27	PHS 160-1A8
			153.16	B	—	38.10	47.63	82.55	57.15	29.360	3.63	PHS 160-1BH8
		9	170.18	A	38.10	—	—	—	—	29.360	3.18	PHS 160-1A9
			170.18	B	—	38.10	53.98	92.08	57.15	29.360	4.54	PHS 160-1BH9
		10	186.94	A	38.10	—	—	—	—	29.360	3.63	PHS 160-1A10
			186.94	B	—	38.10	69.85	104.78	57.15	29.360	5.44	PHS 160-1BH10
		11	203.45	A	38.10	—	—	—	—	29.360	4.54	PHS 160-1A11
			203.45	B	—	38.10	82.55	120.65	63.50	29.360	7.71	PHS 160-1BH11
		12	219.96	A	38.10	—	—	—	—	29.360	5.44	PHS 160-1A12
			219.96	B	—	38.10	95.25	139.70	63.50	29.360	9.53	PHS 160-1BH12
		13	236.47	A	38.10	—	—	—	—	29.360	7.26	PHS 160-1A13
			236.47	B	—	38.10	101.60	152.40	69.85	29.360	12.70	PHS 160-1BH13
		14	252.98	A	38.10	—	—	—	—	29.360	7.71	PHS 160-1A14
			252.98	B	—	38.10	114.30	165.10	69.85	29.360	14.51	PHS 160-1BH14
		15	269.49	A	38.10	—	—	—	—	29.360	9.53	PHS 160-1A15
			269.49	B	—	38.10	133.35	177.80	69.85	29.360	16.78	PHS 160-1BH15
		16	286.00	A	38.10	—	—	—	—	29.360	10.89	PHS 160-1A16
			286.00	B	—	38.10	133.35	177.80	69.85	29.360	18.60	PHS 160-1BH16
		17	302.26	A	38.10	—	—	—	—	29.360	12.25	PHS 160-1A17
			302.26	B	—	38.10	133.35	177.80	69.85	29.360	20.41	PHS 160-1BH17
		18	318.52	A	38.10	—	—	—	—	29.360	13.61	PHS 160-1A18
			318.52	B	—	38.10	133.35	177.80	69.85	29.360	21.77	PHS 160-1BH18
		19	335.03	A	38.10	—	—	—	—	29.360	15.42	PHS 160-1A19
			335.03	B	—	38.10	133.35	177.80	69.85	29.360	23.59	PHS 160-1BH19
		20	351.28	A	38.10	—	—	—	—	29.360	17.24	PHS 160-1A20
			351.28	B	—	38.10	133.35	177.80	69.85	29.360	25.40	PHS 160-1BH20
		21	367.54	A	38.10	—	—	—	—	29.360	19.05	PHS 160-1A21
			367.54	B	—	38.10	133.35	177.80	69.85	29.360	26.76	PHS 160-1BH21
		22	383.79	A	38.10	—	—	—	—	29.360	20.87	PHS 160-1A22
			383.79	B	—	38.10	133.35	177.80	69.85	29.360	29.48	PHS 160-1BH22
		23	400.05	A	38.10	—	—	—	—	29.360	22.68	PHS 160-1A23
			400.05	B	—	38.10	133.35	177.80	69.85	29.360	30.84	PHS 160-1BH23
		24	416.31	A	38.10	—	—	—	—	29.360	25.40	PHS 160-1A24
			416.31	B	—	38.10	133.35	177.80	76.20	29.360	34.93	PHS 160-1BH24
		25	432.56	A	38.10	—	—	—	—	29.360	27.67	PHS 160-1A25
			432.56	B	—	38.10	133.35	177.80	76.20	29.360	36.74	PHS 160-1BH25
		26	448.82	A	38.10	—	—	—	—	29.360	29.48	PHS 160-1A26
			448.82	B	—	38.10	133.35	177.80	76.20	29.360	39.01	PHS 160-1BH26
		27	465.07	A	38.10	—	—	—	—	29.360	32.21	PHS 160-1A27
			465.07	B	—	38.10	133.35	177.80	76.20	29.360	41.28	PHS 160-1BH27
		28	481.33	A	38.10	—	—	—	—	29.360	34.93	PHS 160-1A28
			481.33	B	—	38.10	133.35	177.80	76.20	29.360	44.45	PHS 160-1BH28

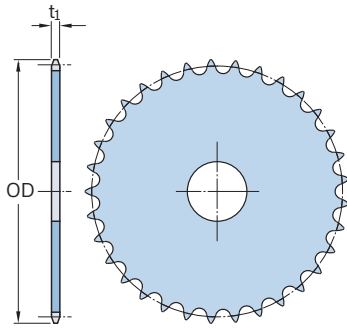
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.

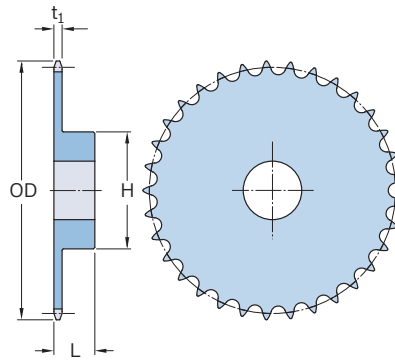
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 25-1BH9.

ANSI sprockets, simplex, pilot bore

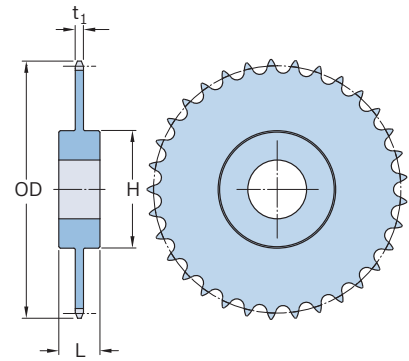
ANSI 160-1 · 50.80 mm (2") pitch | ANSI 180-1 · 57.15 mm (2 1/4") pitch



Type A



Type B



Type C

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub H	L	Plate thickness t ₁	Mass	Designation
					Bore stock Min.	Bore Min.	Max.					
mm	in.	–	mm	–	mm						kg	–
50.80	2	30	513.84	A	38.10	–	–	–	–	29.360	40.82	PHS 160-1A30
			513.84	B	–	38.10	133.35	177.80	76.20	29.360	48.99	PHS 160-1B30
		35	594.87	A	38.10	–	–	–	–	29.360	54.88	PHS 160-1A35
			594.87	C	–	38.10	139.70	203.20	114.30	29.360	69.85	PHS 160-1C35
		40	675.89	A	38.10	–	–	–	–	29.360	62.60	PHS 160-1A40
			675.89	C	–	38.10	139.70	203.20	114.30	29.360	88.90	PHS 160-1C40
		45	756.92	A	38.10	–	–	–	–	29.360	92.53	PHS 160-1A45
			756.92	C	–	38.10	139.70	203.20	127.00	29.360	106.14	PHS 160-1C45
		54	902.72	A	38.10	–	–	–	–	29.360	133.36	PHS 160-1A54
			902.72	C	–	38.10	139.70	203.20	127.00	29.360	125.19	PHS 160-1C54
		60	999.74	A	38.10	–	–	–	–	29.360	166.01	PHS 160-1A60
			999.74	C	–	38.10	139.70	203.20	127.00	29.360	149.23	PHS 160-1C60
		70	1161.54	A	38.10	–	–	–	–	29.360	229.97	PHS 160-1A70
			1161.54	C	–	38.10	139.70	203.20	127.00	29.360	202.30	PHS 160-1C70
		80	1323.34	A	38.10	–	–	–	–	29.360	297.56	PHS 160-1A80
			1323.34	C	–	38.10	139.70	203.20	152.40	29.360	277.60	PHS 160-1C80
57.15	2 1/4	11	228.85	A	38.10	–	–	–	–	33.050	6.35	PHS 180-1A11
			228.85	B	–	38.10	92.08	139.70	76.20	33.050	13.15	PHS 180-1BH11
		12	247.65	A	38.10	–	–	–	–	33.050	7.26	PHS 180-1A12
			247.65	B	–	38.10	101.60	152.40	76.20	33.050	14.51	PHS 180-1BH12
		13	266.19	A	38.10	–	–	–	–	33.050	9.07	PHS 180-1A13
			266.19	B	–	38.10	117.48	171.45	79.38	33.050	18.14	PHS 180-1BH13
		14	284.73	A	38.10	–	–	–	–	33.050	10.89	PHS 180-1A14
			284.73	B	–	38.10	133.35	177.80	79.38	33.050	19.96	PHS 180-1BH14
		15	303.02	A	38.10	–	–	–	–	33.050	12.70	PHS 180-1A15
			303.02	B	–	38.10	133.35	177.80	79.38	33.050	21.77	PHS 180-1BH15
		16	321.56	A	38.10	–	–	–	–	33.050	14.51	PHS 180-1A16
			321.56	B	–	38.10	133.35	177.80	79.38	33.050	23.59	PHS 180-1BH16
		17	340.11	A	38.10	–	–	–	–	33.050	16.78	PHS 180-1A17
			340.11	B	–	38.10	133.35	177.80	79.38	33.050	26.31	PHS 180-1BH17
		18	358.39	A	38.10	–	–	–	–	33.050	19.50	PHS 180-1A18
			358.39	B	–	38.10	133.35	177.80	79.38	33.050	28.58	PHS 180-1BH18
		19	376.68	A	38.10	–	–	–	–	33.050	21.32	PHS 180-1A19
			376.68	B	–	38.10	136.53	190.50	85.73	33.050	33.57	PHS 180-1BH19
		20	395.22	A	38.10	–	–	–	–	33.050	24.04	PHS 180-1A20
			395.22	B	–	38.10	136.53	190.50	85.73	33.050	36.74	PHS 180-1BH20
		21	413.51	A	38.10	–	–	–	–	33.050	25.85	PHS 180-1A21
			413.51	B	–	38.10	136.53	190.50	85.73	33.050	37.65	PHS 180-1BH21
		22	431.80	A	38.10	–	–	–	–	33.050	28.12	PHS 180-1A22
			431.80	B	–	38.10	136.53	190.50	85.73	33.050	41.73	PHS 180-1BH22
		23	450.09	A	38.10	–	–	–	–	33.050	31.30	PHS 180-1A23
			450.09	B	–	38.10	136.53	190.50	85.73	33.050	44.91	PHS 180-1BH23
		24	468.38	A	38.10	–	–	–	–	33.050	34.93	PHS 180-1A24

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ANSI sprockets, simplex, pilot bore

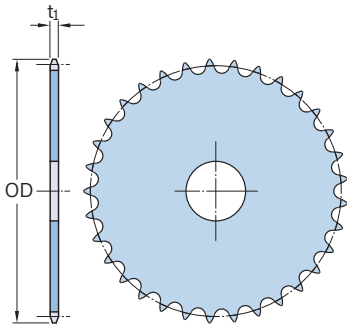
ANSI 180-1 · 57.15 mm (2 1/4") pitch | ANSI 200-1 · 63.50 mm (2 1/2") pitch

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub H	L	Plate thickness t ₁	Mass	Designation
mm	in.				Bore stock Min.	Bore Min.	Max.					
57.15	2 1/4	24	468.38	B	—	38.10	136.53	190.50	85.73	33.050	47.63	PHS 180-1BH24
		25	486.66	A	38.10	—	—	—	—	33.050	38.10	PHS 180-1A25
			486.66	B	—	38.10	136.53	190.50	85.73	33.050	51.26	PHS 180-1BH25
		28	541.53	A	38.10	—	—	—	—	33.050	47.17	PHS 180-1A28
			541.53	B	—	38.10	139.70	203.20	88.90	33.050	61.23	PHS 180-1B28
		30	578.10	A	38.10	—	—	—	—	33.050	54.43	PHS 180-1A30
			578.10	C	—	38.10	146.05	215.90	111.13	33.050	81.65	PHS 180-1C30
		35	669.29	A	38.10	—	—	—	—	33.050	78.02	PHS 180-1A35
			669.29	C	—	38.10	146.05	215.90	111.13	33.050	100.70	PHS 180-1C35
		40	760.48	A	38.10	—	—	—	—	33.050	103.87	PHS 180-1A40
			760.48	C	—	38.10	146.05	215.90	111.13	33.050	122.47	PHS 180-1C40
		45	851.66	A	38.10	—	—	—	—	33.050	128.82	PHS 180-1A45
			851.66	C	—	38.10	152.40	228.60	127.00	33.050	142.88	PHS 180-1C45
		54	1015.49	A	38.10	—	—	—	—	33.050	190.51	PHS 180-1A54
			1015.49	C	—	38.10	152.40	228.60	127.00	33.050	216.36	PHS 180-1C54
63.50	2 1/2	10	233.68	A	38.10	—	—	—	—	35.280	7.26	PHS 200-1A10
			233.68	B	—	38.10	95.25	139.70	76.20	35.280	11.79	PHS 200-1BH10
		11	254.51	A	38.10	—	—	—	—	35.280	9.07	PHS 200-1A11
			254.51	B	—	38.10	101.60	152.40	76.20	35.280	14.97	PHS 200-1BH11
		12	275.08	A	38.10	—	—	—	—	35.280	10.89	PHS 200-1A12
			275.08	B	—	38.10	114.30	165.10	76.20	35.280	16.78	PHS 200-1BH12
		13	295.66	A	38.10	—	—	—	—	35.280	13.61	PHS 200-1A13
			295.66	B	—	38.10	133.35	177.80	76.20	35.280	20.87	PHS 200-1BH13
		14	316.48	A	38.10	—	—	—	—	35.280	14.51	PHS 200-1A14
			316.48	B	—	38.10	136.53	190.50	88.90	35.280	26.76	PHS 200-1BH14
		15	336.80	A	38.10	—	—	—	—	35.280	18.14	PHS 200-1A15
			336.80	B	—	38.10	136.53	190.50	88.90	35.280	29.03	PHS 200-1BH15
		16	357.38	A	38.10	—	—	—	—	35.280	20.87	PHS 200-1A16
			357.38	B	—	38.10	136.53	190.50	88.90	35.280	32.66	PHS 200-1BH16
		17	377.70	A	38.10	—	—	—	—	35.280	23.13	PHS 200-1A17
			377.70	B	—	38.10	136.53	190.50	88.90	35.280	34.47	PHS 200-1BH17
		18	398.27	A	38.10	—	—	—	—	35.280	25.85	PHS 200-1A18
			398.27	B	—	38.10	136.53	190.50	88.90	35.280	38.10	PHS 200-1BH18
		19	418.59	A	38.10	—	—	—	—	35.280	29.48	PHS 200-1A19
			418.59	B	—	38.10	136.53	190.50	88.90	35.280	41.28	PHS 200-1BH19
		20	439.17	A	38.10	—	—	—	—	35.280	32.66	PHS 200-1A20
			439.17	B	—	38.10	136.53	190.50	88.90	35.280	44.45	PHS 200-1BH20
		21	459.49	A	38.10	—	—	—	—	35.280	37.19	PHS 200-1A21
			459.49	B	—	38.10	136.53	190.50	88.90	35.280	48.08	PHS 200-1BH21
		22	479.81	A	38.10	—	—	—	—	35.280	39.92	PHS 200-1A22
			479.81	B	—	38.10	146.05	215.90	101.60	35.280	59.42	PHS 200-1BH22
		23	500.13	A	38.10	—	—	—	—	35.280	43.09	PHS 200-1A23
			500.13	B	—	38.10	146.05	215.90	101.60	35.280	61.69	PHS 200-1BH23
		24	520.45	A	38.10	—	—	—	—	35.280	47.63	PHS 200-1A24
			520.45	B	—	38.10	146.05	215.90	101.60	35.280	64.41	PHS 200-1BH24
		25	540.77	A	38.10	—	—	—	—	35.280	51.26	PHS 200-1A25
			540.77	B	—	38.10	146.05	215.90	101.60	35.280	69.40	PHS 200-1BH25
		26	561.09	A	38.10	—	—	—	—	35.280	56.25	PHS 200-1A26
			561.09	C	—	38.10	146.05	215.90	114.30	35.280	80.74	PHS 200-1C26
		28	601.73	A	38.10	—	—	—	—	35.280	65.32	PHS 200-1A28
			601.73	C	—	38.10	146.05	215.90	114.30	35.280	88.45	PHS 200-1C28
		30	642.37	A	38.10	—	—	—	—	35.280	75.75	PHS 200-1A30
			642.37	C	—	38.10	146.05	215.90	114.30	35.280	96.16	PHS 200-1C30
		32	682.75	A	38.10	—	—	—	—	35.280	88.45	PHS 200-1A32
			682.75	C	—	38.10	146.05	215.90	114.30	35.280	99.79	PHS 200-1C32
		35	743.71	A	38.10	—	—	—	—	35.280	102.97	PHS 200-1A35
			743.71	C	—	38.10	146.05	215.90	114.30	35.280	115.21	PHS 200-1C35

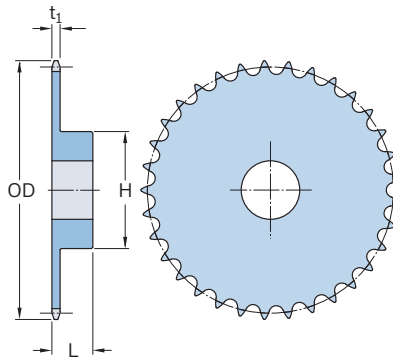
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
 All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
 For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 25-1BH9.

ANSI sprockets, simplex, pilot bore

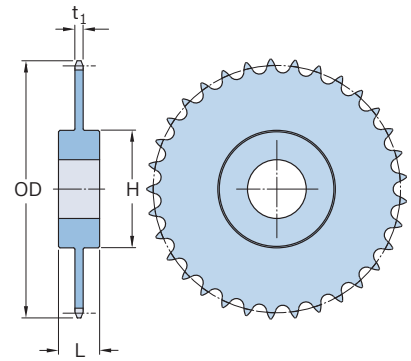
ANSI 200-1 · 63.50 mm (2 1/2") pitch | ANSI 240-1 · 76.20 mm (3") pitch



Type A



Type B



Type C

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub H	L	Plate thickness t ₁	Mass	Designation
mm	in.				Bore stock Min.	Bore Min.	Max.					
63.50	2 1/2	40	845.06 845.06	A C	38.10 —	— 38.10	— 152.40	— 228.60	— 127.00	35.280 35.280	136.53 145.15	PHS 200-1A40 PHS 200-1C40
		45	946.15 946.15	A C	38.10 —	— 38.10	— 152.40	— 228.60	— 127.00	35.280 35.280	176.90 165.11	PHS 200-1A45 PHS 200-1C45
		54	1128.27 1128.27	A C	38.10 —	— 38.10	— 165.10	— 241.30	— 139.70	35.280 35.280	251.74 232.24	PHS 200-1A54 PHS 200-1C54
		60	1249.68 1249.68	A C	38.10 —	— 38.10	— 165.10	— 241.30	— 139.70	35.280 35.280	313.89 296.65	PHS 200-1A60 PHS 200-1C60
76.20	3	10	280.16 280.16	A B	38.10 —	— 38.10	— 114.30	— 165.10	— 85.73	44.150 44.150	13.61 22.23	PHS 240-1A10 PHS 240-1BH10
		11	305.31 305.31	A B	38.10 —	— 38.10	— 120.65	— 177.80	— 98.43	44.150 44.150	16.78 29.94	PHS 240-1A11 PHS 240-1BH11
		12	330.20 330.20	A B	38.10 —	— 38.10	— 136.53	— 190.50	— 98.43	44.150 44.150	20.41 32.66	PHS 240-1A12 PHS 240-1BH12
		13	354.84 354.84	A B	38.10 —	— 38.10	— 136.53	— 190.50	— 98.43	44.150 44.150	24.49 36.74	PHS 240-1A13 PHS 240-1BH13
		14	379.48 379.48	A B	38.10 —	— 38.10	— 136.53	— 190.50	— 98.43	44.150 44.150	28.12 39.92	PHS 240-1A14 PHS 240-1BH14
		15	404.11 404.11	A B	38.10 —	— 38.10	— 136.53	— 190.50	— 98.43	44.150 44.150	30.84 44.45	PHS 240-1A15 PHS 240-1BH15
		16	428.75 428.75	A B	38.10 —	— 38.10	— 139.70	— 203.20	— 104.78	44.150 44.150	37.19 54.43	PHS 240-1A16 PHS 240-1BH16
		17	453.39 453.39	A B	38.10 —	— 38.10	— 139.70	— 203.20	— 104.78	44.150 44.150	42.18 62.14	PHS 240-1A17 PHS 240-1BH17
		18	477.77 477.77	A B	38.10 —	— 38.10	— 139.70	— 203.20	— 104.78	44.150 44.150	48.99 64.41	PHS 240-1A18 PHS 240-1BH18
		19	502.41 502.41	A B	38.10 —	— 38.10	— 139.70	— 203.20	— 104.78	44.150 44.150	54.43 69.85	PHS 240-1A19 PHS 240-1BH19
		20	526.80 526.80	A B	38.10 —	— 38.10	— 139.70	— 203.20	— 104.78	44.150 44.150	58.06 76.66	PHS 240-1A20 PHS 240-1BH20
		21	551.43 551.43	A B	38.10 —	— 38.10	— 139.70	— 203.20	— 104.78	44.150 44.150	67.13 84.37	PHS 240-1A21 PHS 240-1BH21
		25	648.97 648.97	A B	38.10 —	— 38.10	— 139.70	— 203.20	— 104.78	44.150 44.150	94.35 115.21	PHS 240-1A25 PHS 240-1BH25
		30	770.64 770.64	A C	38.10 —	— 38.10	— 152.40	— 228.60	— 158.75	44.150 44.150	140.61 180.53	PHS 240-1A30 PHS 240-1C30
		35	892.30 892.30	A C	38.10 —	— 38.10	— 152.40	— 228.60	— 158.75	44.150 44.150	188.69 239.04	PHS 240-1A35 PHS 240-1C35
		40	1013.97 1013.97	A C	38.10 —	— 38.10	— 177.80	— 254.00	— 171.45	44.150 44.150	248.57 304.81	PHS 240-1A40 PHS 240-1C40
		45	1135.38 1135.38	A C	38.10 —	— 38.10	— 177.80	— 254.00	— 171.45	44.150 44.150	318.42 385.55	PHS 240-1A45 PHS 240-1C45

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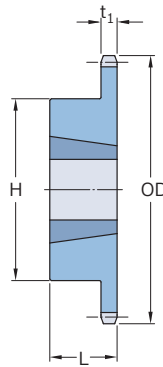
ANSI sprockets, simplex, pilot bore
ANSI 240-1 · 76.20 mm (3") pitch

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions			Hub H	L	Plate thickness t ₁	Mass	Designation
mm	in.	–	mm	–	mm	Bore stock Min.	Bore Min.	Max.			kg	–
76.20	3	54	1354.07	A	38.10	–	–	–	–	44.150	463.57	PHS 240-1A54
			1354.07	C	–	38.10	177.80	254.00	171.45	44.150	520.72	PHS 240-1C54
		60	1499.62	A	38.10	–	–	–	–	44.150	575.15	PHS 240-1A60
			1499.62	C	–	38.10	177.80	254.00	171.45	44.150	643.65	PHS 240-1C60

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 For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 25-1BH9.

ANSI sprockets, simplex, taper bushed

ANSI 35-1 · 9.53 mm (³/₈") pitch | ANSI 41-1 · 12.70 mm (1/2") pitch



Note: "H" mounted bushing illustrated

Type B

Pitch		Number of teeth	Diameters		Type	Bushing number	Dimensions		L	H	Plate thickness t ₁	Mass		Designation
			Outside OD	Pitch PD			Bore Min.	Max.				Rim	Bushing	
mm	in.	–	mm	–	–	–	mm					kg	–	–
9.53	³ / ₈	18	59.69	54.86	B	1008	9.53	25.40	22.23	47.63	4.270	0.2	0.1	PHS 35-1TBH18
		19	62.74	57.91	B	1008	9.53	25.40	22.23	46.04	4.270	0.2	0.1	PHS 35-1TBH19
		20	65.79	60.96	B	1008	9.53	25.40	22.23	49.21	4.270	0.3	0.1	PHS 35-1TBH20
		21	68.83	64.01	B	1008	9.53	25.40	22.23	52.39	4.270	0.3	0.1	PHS 35-1TBH21
		22	73.15	66.80	B	1210	15.88	31.75	25.40	60.33	4.270	0.4	0.3	PHS 35-1TBH22
		23	74.93	69.85	B	1210	15.88	31.75	25.40	61.91	4.270	0.4	0.3	PHS 35-1TBH23
		24	77.98	72.90	B	1210	15.88	31.75	25.40	61.91	4.270	0.4	0.3	PHS 35-1TBH24
		25	81.03	75.95	B	1210	15.88	31.75	25.40	61.91	4.270	0.5	0.3	PHS 35-1TBH25
		26	84.07	78.99	B	1610	12.70	41.28	25.40	73.03	4.270	0.5	0.4	PHS 35-1TB26
		28	90.17	85.09	B	1610	12.70	41.28	25.40	73.03	4.270	0.5	0.4	PHS 35-1TB28
		30	96.27	91.19	B	1610	12.70	41.28	25.40	79.38	4.270	0.5	0.4	PHS 35-1TB30
		32	102.36	97.28	B	1610	12.70	41.28	25.40	82.55	4.270	0.6	0.4	PHS 35-1TB32
		35	111.51	106.17	B	1610	12.70	41.28	25.40	82.55	4.270	0.6	0.4	PHS 35-1TB35
		36	114.55	109.22	B	1610	12.70	41.28	25.40	82.55	4.270	0.6	0.4	PHS 35-1TB36
		40	126.75	121.67	B	1610	12.70	41.28	25.40	82.55	4.270	0.9	0.4	PHS 35-1TB40
		42	132.84	127.51	B	1610	12.70	41.28	25.40	82.55	4.270	0.9	0.4	PHS 35-1TB42
		45	141.99	136.65	B	1610	12.70	41.28	25.40	82.55	4.270	1.0	0.4	PHS 35-1TB45
		48	151.13	145.54	B	1610	12.70	41.28	25.40	82.55	4.270	1.0	0.4	PHS 35-1TB48
		54	169.16	163.83	B	1610	12.70	41.28	25.40	82.55	4.270	1.2	0.4	PHS 35-1TB54
		60	187.45	182.12	B	1610	12.70	41.28	25.40	82.55	4.270	1.4	0.4	PHS 35-1TB60
		70	217.68	212.34	B	1610	12.70	41.28	25.40	82.55	4.270	1.7	0.4	PHS 35-1TB70
		72	223.77	218.44	B	1610	12.70	41.28	25.40	82.55	4.270	1.8	0.4	PHS 35-1TB72
		80	248.16	242.57	B	1610	12.70	41.28	25.40	82.55	4.270	2.0	0.4	PHS 35-1TB80
		84	260.35	254.76	B	1610	12.70	41.28	25.40	82.55	4.270	2.2	0.4	PHS 35-1TB84
		96	296.67	291.08	B	1610	12.70	41.28	25.40	82.55	4.270	2.7	0.4	PHS 35-1TB96
		112	345.19	339.60	B	1610	12.70	41.28	25.40	82.55	4.270	3.5	0.4	PHS 35-1TB112
12.70	1/2	14	63.25	57.15	B	1008	9.53	25.40	22.23	47.63	4.27	0.2	0.1	PHS 41-1TBH14
		15	67.31	60.96	B	1008	9.53	25.40	22.23	47.63	4.27	0.2	0.1	PHS 41-1TBH15
		16	71.37	63.50	B	1008	9.53	25.40	22.23	50.80	4.27	0.3	0.1	PHS 41-1TBH16
		17	75.44	69.09	B	1210	15.88	31.75	25.40	60.33	4.27	0.3	0.3	PHS 41-1TBH17
		18	79.76	73.15	B	1210	15.88	31.75	25.40	85.73	4.27	0.4	0.3	PHS 41-1TBH18
		19	83.82	77.22	B	1210	15.88	31.75	25.40	63.50	4.27	0.5	0.3	PHS 41-1TBH19
		20	87.88	81.28	B	1610	12.70	41.28	25.40	73.03	4.27	0.5	0.4	PHS 41-1TBH20
		21	91.95	85.34	B	1610	12.70	41.28	25.40	76.20	4.27	0.5	0.4	PHS 41-1TBH21
		22	96.01	89.15	B	1610	12.70	41.28	25.40	76.20	4.27	0.6	0.4	PHS 41-1TBH22
		23	100.08	93.22	B	1610	12.70	41.28	25.40	76.20	4.27	0.6	0.4	PHS 41-1TBH23
		24	104.14	97.28	B	1610	12.70	41.28	25.40	76.20	4.27	0.6	0.4	PHS 41-1TBH24
		25	108.20	101.35	B	1610	12.70	41.28	25.40	76.20	4.27	0.7	0.4	PHS 41-1TBH25
		26	112.27	105.41	B	1610	12.70	41.28	25.40	76.20	4.27	0.7	0.4	PHS 41-1TB26
		28	120.40	113.54	B	1610	12.70	41.28	25.40	76.20	4.27	0.8	0.4	PHS 41-1TB28
		30	128.52	121.41	B	1610	12.70	41.28	25.40	76.20	4.27	0.8	0.4	PHS 41-1TB30
		32	136.65	129.54	B	1610	12.70	41.28	25.40	76.20	4.27	0.9	0.4	PHS 41-1TB32
		35	148.84	141.73	B	1610	12.70	41.28	25.40	76.20	4.27	1.0	0.4	PHS 41-1TB35
		36	152.91	145.80	B	1610	12.70	41.28	25.40	76.20	4.27	1.1	0.4	PHS 41-1TB36
		40	168.91	161.80	B	1610	12.70	41.28	25.40	76.20	4.27	1.2	0.4	PHS 41-1TB40
		45	189.23	182.12	B	1610	12.70	41.28	25.40	76.20	4.27	1.6	0.4	PHS 41-1TB45
		48	201.42	194.06	B	1610	12.70	41.28	25.40	76.20	4.27	1.9	0.4	PHS 41-1TB48
		54	225.55	218.44	B	1610	12.70	41.28	25.40	76.20	4.27	2.2	0.4	PHS 41-1TB54
		60	249.94	242.57	B	1610	12.70	41.28	25.40	76.20	4.27	2.6	0.4	PHS 41-1TB60
		70	290.32	282.96	B	1610	12.70	41.28	25.40	76.20	4.27	3.4	0.4	PHS 41-1TB70
		72	298.45	291.08	B	1610	12.70	41.28	25.40	76.20	4.27	3.7	0.4	PHS 41-1TB72
		80	330.96	323.60	B	1610	12.70	41.28	25.40	76.20	4.27	4.4	0.4	PHS 41-1TB80
		96	395.48	388.11	B	1610	12.70	41.28	25.40	76.20	4.27	5.9	0.4	PHS 41-1TB96

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For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-1TBH18.

ANSI sprockets, simplex, taper bushed

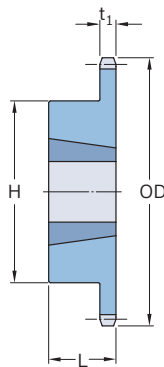
ANSI 40-1 · 12.70 mm (1/2") pitch | ANSI 50-1 · 15.88 mm (5/8") pitch | ANSI 60-1 · 19.05 mm (3/4") pitch

Pitch		Number of teeth	Diameters		Type	Bushing number	Dimensions		L	H	Plate thickness t ₁	Mass Rim	Bushing	Designation
mm	in.		Outside OD	Pitch PD			Min.	Max.						
12.70		1/2	mm	mm	—	—	mm					kg	—	
12.70	1/2	14	63.25	57.15	B	1008	9.53	25.40	22.23	46.04	7.210	0.1	0.1	PHS 40-1TBH14
		15	67.31	60.96	B	1008	9.53	25.40	22.23	46.04	7.210	0.2	0.1	PHS 40-1TBH15
		16	71.37	65.02	B	1008	9.53	25.40	22.23	49.21	7.210	0.2	0.1	PHS 40-1TBH16
		17	75.69	69.09	B	1210	15.88	31.75	25.40	60.33	7.210	0.2	0.1	PHS 40-1TBH17
		18	79.50	73.15	B	1210	15.88	31.75	25.40	62.71	7.210	0.3	0.3	PHS 40-1TBH18
		19	83.82	77.22	B	1210	15.88	31.75	25.40	62.71	7.210	0.3	0.3	PHS 40-1TBH19
		20	87.88	81.28	B	1610	12.70	41.28	25.40	70.64	7.210	0.3	0.4	PHS 40-1TBH20
		21	91.95	85.34	B	1610	12.70	41.28	25.40	70.64	7.210	0.4	0.4	PHS 40-1TBH21
		22	96.01	89.15	B	1610	12.70	41.28	25.40	70.64	7.210	0.4	0.4	PHS 40-1TBH22
		23	100.08	93.22	B	1610	12.70	41.28	25.40	76.20	7.210	0.5	0.4	PHS 40-1TBH23
		24	104.14	97.28	B	1610	12.70	41.28	25.40	82.55	7.210	0.6	0.4	PHS 40-1TBH24
		25	108.20	101.35	B	1610	12.70	41.28	25.40	82.55	7.210	0.7	0.4	PHS 40-1TBH25
		26	112.27	105.41	B	1610	12.70	41.28	25.40	82.55	7.210	0.8	0.4	PHS 40-1TB26
		28	120.40	113.54	B	1610	12.70	41.28	25.40	76.20	7.210	0.8	0.4	PHS 40-1TB28
		30	128.52	121.41	B	1610	12.70	41.28	25.40	76.20	7.210	0.9	0.4	PHS 40-1TB30
		32	136.65	129.54	B	1610	12.70	41.28	25.40	76.20	7.210	0.9	0.4	PHS 40-1TB32
		35	148.84	141.73	B	1610	12.70	41.28	25.40	76.20	7.210	1.0	0.4	PHS 40-1TB35
		36	152.65	145.80	B	1610	12.70	41.28	25.40	76.20	7.210	1.1	0.4	PHS 40-1TB36
		40	168.91	161.80	B	1610	12.70	41.28	25.40	76.20	7.210	1.3	0.4	PHS 40-1TB40
		42	177.04	169.93	B	1610	12.70	41.28	25.40	76.20	7.210	1.3	0.4	PHS 40-1TB42
		45	189.23	182.12	B	1610	12.70	41.28	25.40	76.20	7.210	1.6	0.4	PHS 40-1TB45
		48	201.42	194.06	B	1610	12.70	41.28	25.40	76.20	7.210	1.8	0.4	PHS 40-1TB48
		54	225.55	218.44	B	1610	12.70	41.28	25.40	76.20	7.210	2.2	0.4	PHS 40-1TB54
		60	249.94	242.57	B	1610	12.70	41.28	25.40	76.20	7.210	2.7	0.4	PHS 40-1TB60
		70	290.32	282.96	B	2012	19.05	50.80	31.75	90.49	7.210	3.7	0.8	PHS 40-1TB70
		72	298.45	291.08	B	2012	19.05	50.80	31.75	90.49	7.210	4.1	0.8	PHS 40-1TB72
		80	330.96	323.60	B	2012	19.05	50.80	31.75	90.49	7.210	4.9	0.8	PHS 40-1TB80
		84	346.96	339.60	B	2012	19.05	50.80	31.75	90.49	7.210	5.1	0.8	PHS 40-1TB84
		96	395.48	388.11	B	2012	19.05	50.80	31.75	90.49	7.210	6.6	0.8	PHS 40-1TB96
		112	460.25	452.88	B	2517	19.05	63.50	44.45	107.95	7.210	9.3	0.8	PHS 40-1TB112
15.88	5/8	12	68.83	61.47	B	1008	9.53	25.40	22.23	49.21	8.710	0.2	0.1	PHS 50-1TBH12
		13	73.91	66.29	B	1008	9.53	25.40	22.23	46.04	8.710	0.2	0.1	PHS 50-1TBH13
		14	78.99	71.37	B	1008	9.53	25.40	22.23	49.21	8.710	0.3	0.1	PHS 50-1TBH14
		15	84.07	76.45	B	1210	15.88	31.75	25.40	62.71	8.710	0.3	0.3	PHS 50-1TBH15
		16	89.41	81.28	B	1610	12.70	41.28	25.40	70.64	8.710	0.3	0.4	PHS 50-1TBH16
		17	94.49	86.36	B	1610	12.70	41.28	25.40	70.64	8.710	0.4	0.4	PHS 50-1TBH17
		18	99.57	91.44	B	1610	12.70	41.28	25.40	70.64	8.710	0.4	0.4	PHS 50-1TBH18
		19	104.65	96.52	B	1610	12.70	41.28	25.40	76.20	8.710	0.6	0.4	PHS 50-1TBH19
		20	109.73	101.60	B	1610	12.70	41.28	25.40	82.55	8.710	0.7	0.4	PHS 50-1TBH20
		21	114.81	106.43	B	1610	12.70	41.28	25.40	76.20	8.710	0.7	0.4	PHS 50-1TBH21
		22	119.89	111.51	B	1610	12.70	41.28	25.40	76.20	8.710	0.7	0.4	PHS 50-1TBH22
		23	124.97	116.59	B	2012	19.05	50.80	31.75	90.49	8.710	0.9	0.8	PHS 50-1TBH23
		24	130.05	121.67	B	2012	19.05	50.80	31.75	90.49	8.710	1.0	0.8	PHS 50-1TBH24
		25	135.13	126.75	B	2012	19.05	50.80	31.75	90.49	8.710	1.1	0.8	PHS 50-1TBH25
		26	140.21	131.57	B	2012	19.05	50.80	31.75	90.49	8.710	1.1	0.8	PHS 50-1TB26
		27	145.29	136.65	B	2012	19.05	50.80	31.75	90.49	8.710	1.2	0.8	PHS 50-1TB27
		28	150.37	141.73	B	2012	19.05	50.80	31.75	90.49	8.710	1.3	0.8	PHS 50-1TB28
		30	160.53	151.89	B	2012	19.05	50.80	31.75	90.49	8.710	1.5	0.8	PHS 50-1TB30
		32	170.69	162.05	B	2012	19.05	50.80	31.75	90.49	8.710	1.6	0.8	PHS 50-1TB32
		35	185.93	177.04	B	2012	19.05	50.80	31.75	90.49	8.710	1.9	0.8	PHS 50-1TB35
		36	191.01	182.12	B	2012	19.05	50.80	31.75	90.49	8.710	2.0	0.8	PHS 50-1TB36
		40	211.33	202.44	B	2012	19.05	50.80	31.75	90.49	8.710	2.4	0.8	PHS 50-1TB40
		42	221.23	212.34	B	2012	19.05	50.80	31.75	90.49	8.710	2.7	0.8	PHS 50-1TB42
		45	236.47	227.58	B	2012	19.05	50.80	31.75	90.49	8.710	3.0	0.8	PHS 50-1TB45
		48	251.71	242.82	B	2012	19.05	50.80	31.75	90.49	8.710	3.3	0.8	PHS 50-1TB48
		54	282.19	273.05	B	2012	19.05	50.80	31.75	90.49	8.710	4.1	0.8	PHS 50-1TB54
		60	312.42	303.28	B	2012	19.05	50.80	31.75	90.49	8.710	4.9	0.8	PHS 50-1TB60
		70	362.97	353.82	B	2517	19.05	63.50	44.45	82.55	8.710	6.4	1.6	PHS 50-1TB70
		72	373.13	363.98	B	2517	19.05	63.50	44.45	82.55	8.710	7.0	1.6	PHS 50-1TB72
		80	413.51	404.37	B	2517	19.05	63.50	44.45	82.55	8.710	8.9	1.6	PHS 50-1TB80
		84	433.83	424.43	B	2517	19.05	63.50	44.45	82.55	8.710	10.2	1.6	PHS 50-1TB84
		96	494.54	485.14	B	2517	19.05	63.50	44.45	82.55	8.710	13.2	1.6	PHS 50-1TB96
		112	575.31	566.17	B	2517	19.05	63.50	44.45	82.55	8.710	17.6	1.6	PHS 50-1TB112
19.05	3/4	11	76.20	67.56	B	1008	9.53	25.40	22.23	46.04	11.660	0.3	0.1	PHS 60-1TBH11
		12	82.55	73.66	B	1008	9.53	25.40	22.23	49.21	11.660	0.4	0.1	PHS 60-1TBH12
		13	88.65	79.50	B	1210	15.88	31.75	25.40	62.71	11.660	0.4	0.3	PHS 60-1TBH13
		14	95.00	85.60	B	1210	15.88	31.75	25.40	62.71	11.660	0.5	0.3	PHS 60-1TBH14
		15	101.09	91.69	B	1610	12.70	41.28	25.40	70.64	11.660	0.5	0.4	PHS 60-1TBH15
		16	107.19	97.54	B	1610	12.70	41.28	25.40	76.20	11.660	0.6	0.4	PHS 60-1TBH16
		17	113.28	103.63	B	1610	12.70	41.28	25.40	82.55	11.660	0.8	0.4	PHS 60-1TBH17
		18	119.38	109.73	B	1610	12.70	41.28	25.40	82.55	11.660	0.9	0.4	PHS 60-1TBH18
		19	125.73	115.82	B	1610	12.70	41.28	25.40	82.55	11.660	1.0	0.4	PHS 60-1TBH19
		20	131.57	121.67	B	2012	19.05	50.80	31.75	90.49	11.660	1.0	0.8	PHS 60-1TBH20

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-1TBH18.

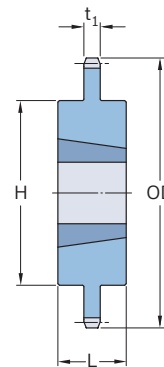
ANSI sprockets, simplex, taper bushed

ANSI 60-1 · 19.05 mm (³/₄") pitch | ANSI 80-1 · 25.40 mm (1") pitch



Type B

Note: "H" mounted bushing illustrated



Type C

Pitch		Number of teeth	Diameters		Type	Bushing number	Dimensions		L	H	Plate thickness t ₁	Mass		Designation
			Outside OD	Pitch PD			Bore Min.	Max.				Rim	Bushing	
mm	in.	—	mm	—	—	—	mm					kg	—	—
19.05	³ / ₄	21	137.92	127.76	B	2012	19.05	50.80	31.75	90.49	11.660	1.1	0.8	PHS 60-1TBH21
		22	144.02	133.86	B	2012	19.05	50.80	31.75	90.49	11.660	1.3	0.8	PHS 60-1TBH22
		23	150.11	139.95	B	2012	19.05	50.80	31.75	90.49	11.660	1.4	0.8	PHS 60-1TBH23
		24	156.21	146.05	B	2012	19.05	50.80	31.75	90.49	11.660	1.5	0.8	PHS 60-1TBH24
		25	162.31	151.89	B	2012	19.05	50.80	31.75	90.49	11.660	1.7	0.8	PHS 60-1TBH25
		26	168.40	157.99	B	2012	19.05	50.80	31.75	90.49	11.660	1.8	0.8	PHS 60-1TB26
		27	174.50	163.07	B	2012	19.05	50.80	31.75	90.49	11.660	1.9	0.8	PHS 60-1TB27
		28	180.59	170.18	B	2012	19.05	50.80	31.75	90.49	11.660	2.1	0.8	PHS 60-1TB28
		30	192.79	182.12	B	2012	19.05	50.80	31.75	90.49	11.660	2.4	0.8	PHS 60-1TB30
		32	204.72	194.31	B	2012	19.05	50.80	31.75	90.49	11.660	2.5	0.8	PHS 60-1TB32
		35	223.01	212.60	B	2012	19.05	50.80	31.75	90.49	11.660	2.9	0.8	PHS 60-1TB35
		36	229.11	218.69	B	2012	19.05	50.80	31.75	90.49	11.660	3.0	0.8	PHS 60-1TB36
		40	253.49	242.82	B	2012	19.05	50.80	31.75	90.49	11.660	3.8	0.8	PHS 60-1TB40
		42	265.68	255.02	B	2012	19.05	50.80	31.75	90.49	11.660	4.5	0.8	PHS 60-1TB42
		45	283.97	273.05	B	2012	19.05	50.80	31.75	90.49	11.660	5.2	0.8	PHS 60-1TB45
		48	302.01	291.34	B	2012	19.05	50.80	31.75	90.49	11.660	6.0	0.8	PHS 60-1TB48
		54	338.58	327.66	B	2517	19.05	63.50	44.45	107.95	11.660	7.8	1.6	PHS 60-1TB54
		60	374.90	363.98	B	2517	19.05	63.50	44.45	107.95	11.660	9.5	1.6	PHS 60-1TB60
		70	435.61	424.69	B	2517	19.05	63.50	44.45	107.95	11.660	12.5	1.6	PHS 60-1TB70
		72	447.80	436.63	B	2517	19.05	63.50	44.45	107.95	11.660	13.6	1.6	PHS 60-1TB72
		80	496.32	485.14	B	2517	19.05	63.50	44.45	107.95	11.660	16.5	1.6	PHS 60-1TB80
		84	520.45	509.52	B	2517	19.05	63.50	44.45	107.95	11.660	18.4	1.6	PHS 60-1TB84
25.40	1	10	93.47	82.30	B	1215	15.88	31.75	38.10	60.33	14.600	0.5	0.4	PHS 80-1TBH10
		11	101.85	90.17	B	1215	15.88	31.75	38.10	62.71	14.600	0.7	0.4	PHS 80-1TBH11
		12	109.98	98.04	B	1615	12.70	41.28	38.10	76.20	14.600	0.8	0.5	PHS 80-1TBH12
		13	118.36	106.17	B	1615	12.70	41.28	38.10	76.20	14.600	1.0	0.5	PHS 80-1TBH13
		14	126.49	114.05	B	1615	12.70	41.28	38.10	82.55	14.600	1.1	0.5	PHS 80-1TBH14
		15	134.62	122.17	B	1615	12.70	41.28	38.10	82.55	14.600	1.2	0.5	PHS 80-1TBH15
		16	143.00	130.30	B	2012	19.05	50.80	31.75	90.49	14.600	1.3	0.8	PHS 80-1TBH16
		17	151.13	138.18	B	2012	19.05	50.80	31.75	90.49	14.600	1.4	0.8	PHS 80-1TBH17
		18	159.26	146.30	B	2012	19.05	50.80	31.75	90.49	14.600	1.2	0.8	PHS 80-1TBH18
		19	167.39	154.43	B	2012	19.05	50.80	31.75	90.49	14.600	1.9	0.8	PHS 80-1TBH19
		20	175.51	162.31	B	2517	19.05	63.50	44.45	107.95	14.600	2.5	0.8	PHS 80-1TBH20
		21	183.90	170.43	B	2517	19.05	63.50	44.45	107.95	14.600	2.7	1.6	PHS 80-1TBH21
		22	191.77	178.56	B	2517	19.05	63.50	44.45	107.95	14.600	3.0	1.6	PHS 80-1TBH22
		23	200.15	186.44	B	2517	19.05	63.50	44.45	107.95	14.600	3.2	1.6	PHS 80-1TBH23
		24	208.28	194.56	B	2517	19.05	63.50	44.45	107.95	14.600	3.4	1.6	PHS 80-1TBH24
		25	216.41	202.69	B	2517	19.05	63.50	44.45	107.95	14.600	3.7	1.6	PHS 80-1TBH25
		26	224.54	210.82	B	2517	19.05	63.50	44.45	107.95	14.600	4.0	1.6	PHS 80-1TB26
		27	232.66	218.69	B	2517	19.05	63.50	44.45	107.95	14.600	4.1	1.6	PHS 80-1TB27
		28	240.54	226.82	B	2517	19.05	63.50	44.45	107.95	14.600	4.3	1.6	PHS 80-1TB28
		30	256.79	243.08	B	2517	19.05	63.50	44.45	107.95	14.600	5.2	1.6	PHS 80-1TB30
		32	273.05	259.08	B	2517	19.05	63.50	44.45	107.95	14.600	5.4	1.6	PHS 80-1TB32
		35	297.43	283.46	B	2517	19.05	63.50	44.45	107.95	14.600	6.9	1.6	PHS 80-1TB35
		36	305.56	291.34	B	2517	19.05	63.50	44.45	107.95	14.600	7.7	1.6	PHS 80-1TB36
		40	338.07	323.85	B	2517	19.05	63.50	44.45	107.95	14.600	9.5	1.6	PHS 80-1TB40
		45	378.46	364.24	B	2517	19.05	63.50	44.45	107.95	14.600	12.0	1.6	PHS 80-1TB45
		48	402.84	388.37	B	2517	19.05	63.50	44.45	107.95	14.600	13.4	1.6	PHS 80-1TB48
		54	451.36	436.88	B	2517	19.05	63.50	44.45	107.95	14.600	17.5	1.6	PHS 80-1TB54
		60	499.87	485.39	B	2517	19.05	63.50	44.45	107.95	14.600	20.4	1.6	PHS 80-1TB60
		70	580.90	566.17	B	3020	31.75	76.20	50.80	133.35	14.600	23.7	3.0	PHS 80-1TB70
		80	661.67	646.94	B	3020	31.75	76.20	50.80	133.35	14.600	31.4	3.0	PHS 80-1TB80

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-1TBH18.

ANSI sprockets, simplex, taper bushed

ANSI 100-1 · 31.75 mm (1 1/4") pitch | ANSI 120-1 · 38.10 mm (1 1/2") pitch | ANSI 140-1 · 44.45 mm (1 3/4") pitch |

ANSI 160-1 · 50.80 mm (2") pitch

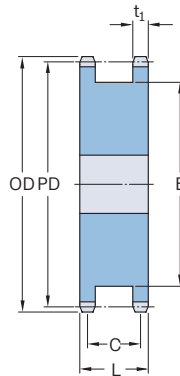
Pitch		Number of teeth	Diameters		Type	Bushing number	Dimensions		L	H	Plate thickness t ₁	Mass		Designation
			Outside OD	Pitch PD			Bore					Rim	Bushing	
mm	in.	–	mm	–	–	mm	Min.	Max.				kg	–	–
31.75	1 1/4	11	127.25	112.78	B	1615	12.70	41.28	38.10	76.20	17.580	1.2	0.5	PHS 100-1TBH11
		12	137.67	122.68	B	1615	12.70	41.28	38.10	82.55	17.580	1.6	0.5	PHS 100-1TBH12
		13	147.83	132.59	B	2012	19.05	50.80	31.75	90.49	17.580	1.6	0.8	PHS 100-1TBH13
		14	158.24	142.75	B	2012	19.05	50.80	31.75	90.49	17.580	1.8	0.8	PHS 100-1TBH14
		15	168.40	152.65	B	2517	19.05	63.50	44.45	107.95	17.580	2.3	1.6	PHS 100-1TBH15
		16	178.56	162.81	B	2517	19.05	63.50	44.45	114.30	17.580	2.9	1.6	PHS 100-1TBH16
		17	188.98	172.72	B	2517	19.05	63.50	44.45	114.30	17.580	3.2	1.6	PHS 100-1TBH17
		18	199.14	182.88	B	2517	19.05	63.50	44.45	114.30	17.580	3.5	1.6	PHS 100-1TBH18
		19	209.30	192.79	B	2517	19.05	63.50	44.45	114.30	17.580	4.0	1.6	PHS 100-1TBH19
		20	219.46	202.95	B	2517	19.05	63.50	44.45	114.30	17.580	4.4	1.6	PHS 100-1TBH20
		21	229.62	213.11	B	2517	19.05	63.50	44.45	114.30	17.580	4.8	1.6	PHS 100-1TBH21
		22	239.78	223.01	B	2517	19.05	63.50	44.45	114.30	17.580	5.0	1.6	PHS 100-1TBH22
		24	260.10	243.33	B	2517	19.05	63.50	44.45	114.30	17.580	5.9	1.6	PHS 100-1TBH24
		26	280.42	263.40	B	2517	19.05	63.50	44.45	114.30	17.580	6.8	1.6	PHS 100-1TB26
		28	300.74	283.46	B	3020	31.75	76.20	50.80	133.35	17.580	7.5	3.0	PHS 100-1TB28
		30	321.06	303.78	B	3020	31.75	76.20	50.80	133.35	17.580	10.0	3.0	PHS 100-1TB30
		32	341.38	323.85	B	3020	31.75	76.20	50.80	133.35	17.580	10.4	3.0	PHS 100-1TB32
		35	371.86	354.33	B	3020	31.75	76.20	50.80	133.35	17.580	12.7	3.0	PHS 100-1TB35
		36	382.02	364.24	B	3020	31.75	76.20	50.80	133.35	17.580	14.1	3.0	PHS 100-1TB36
		40	422.40	404.62	B	3020	31.75	76.20	50.80	133.35	17.580	16.8	3.0	PHS 100-1TB40
		45	473.20	455.17	B	3020	31.75	76.20	50.80	133.35	17.580	20.9	3.0	PHS 100-1TB45
		48	503.43	485.39	B	3020	31.75	76.20	50.80	133.35	17.580	24.0	3.0	PHS 100-1TB48
		54	564.13	546.10	B	3020	31.75	76.20	50.80	133.35	17.580	28.1	3.0	PHS 100-1TB54
		60	624.84	606.55	B	3020	31.75	76.20	50.80	133.35	17.580	32.7	3.0	PHS 100-1TB60
38.10	1 1/2	12	165.10	147.32	B	2012	19.05	50.80	31.75	90.49	23.470	2.5	0.8	PHS 120-1TBH12
		13	175.26	159.26	B	2517	19.05	63.50	44.45	107.95	23.470	2.7	1.6	PHS 120-1TBH13
		14	189.74	171.20	B	2517	19.05	63.50	44.45	107.95	23.470	3.2	1.6	PHS 120-1TBH14
		15	202.18	183.13	B	2517	19.05	63.50	44.45	107.95	23.470	3.6	1.6	PHS 120-1TBH15
		16	214.38	195.33	B	3020	31.75	76.20	50.80	133.35	23.470	4.5	3.0	PHS 120-1TBH16
		17	226.57	207.26	B	3020	31.75	76.20	50.80	133.35	23.470	5.0	3.0	PHS 120-1TBH17
		18	239.01	219.46	B	3020	31.75	76.20	50.80	133.35	23.470	5.4	3.0	PHS 120-1TBH18
		19	251.21	231.39	B	3020	31.75	76.20	50.80	133.35	23.470	6.4	3.0	PHS 120-1TBH19
		20	263.40	243.59	B	3020	31.75	76.20	50.80	133.35	23.470	7.0	3.0	PHS 120-1TBH20
		21	275.59	255.52	B	3020	31.75	76.20	50.80	133.35	23.470	7.9	3.0	PHS 120-1TBH21
		24	312.17	291.85	B	3020	31.75	76.20	50.80	133.35	23.470	10.7	3.0	PHS 120-1TBH24
		26	336.55	315.98	B	3020	31.75	76.20	50.80	133.35	23.470	12.9	3.0	PHS 120-1TB26
		30	385.32	364.49	B	3020	31.75	76.20	50.80	133.35	23.470	15.2	3.0	PHS 120-1TB30
		35	446.28	424.94	C	3020	31.75	76.20	50.80	133.35	23.470	23.6	3.0	PHS 120-1TB35
		45	567.69	546.10	C	3030	31.75	76.20	76.20	149.23	23.470	37.2	4.2	PHS 120-1TB45
		60	749.81	727.96	C	3535	38.10	88.90	88.90	165.10	23.470	63.5	6.4	PHS 120-1TB60
		70	871.22	849.12	C	3535	38.10	88.90	88.90	165.10	23.470	79.4	6.4	PHS 120-1TB70
		80	992.63	970.53	C	3535	38.10	82.55	88.90	165.10	23.470	99.8	6.4	PHS 120-1TB80
44.45	1 3/4	12	192.53	171.70	B	2517	19.05	63.50	44.45	107.95	23.470	3.2	1.6	PHS 140-1TBH12
		13	207.01	185.67	B	3020	31.75	76.20	50.80	133.35	23.470	3.6	3.0	PHS 140-1TBH13
		14	221.49	199.64	B	3020	31.75	76.20	50.80	133.35	23.470	4.5	3.0	PHS 140-1TBH14
		15	235.71	213.87	B	3020	31.75	76.20	50.80	133.35	23.470	5.4	3.0	PHS 140-1TBH15
		16	250.19	227.84	B	3020	31.75	76.20	50.80	133.35	23.470	6.4	3.0	PHS 140-1TBH16
		17	264.41	241.81	B	3020	31.75	76.20	50.80	133.35	23.470	7.3	3.0	PHS 140-1TBH17
		18	278.64	256.03	B	3020	31.75	76.20	50.80	133.35	23.470	8.2	3.0	PHS 140-1TBH18
		19	293.12	270.00	B	3020	31.75	76.20	50.80	133.35	23.470	9.1	3.0	PHS 140-1TBH19
		21	321.56	298.20	B	3020	31.75	76.20	50.80	133.35	23.470	10.9	3.0	PHS 140-1TBH21
		26	392.68	368.81	B	3020	31.75	76.20	50.80	133.35	23.470	18.1	3.0	PHS 140-1TB26
		35	520.45	495.81	C	3535	38.10	88.90	88.90	165.10	23.470	35.4	6.4	PHS 140-1TB35
		45	662.43	637.29	C	4040	44.45	101.60	101.60	196.85	23.470	53.5	10.0	PHS 140-1TB45
		60	874.78	849.38	C	4040	44.45	101.60	101.60	196.85	23.470	85.3	10.0	PHS 140-1TB60
		70	1016.51	990.85	C	4040	44.45	101.60	101.60	196.85	23.470	109.3	10.0	PHS 140-1TB70
50.80	2	11	203.45	180.34	B	2517	19.05	63.50	44.45	107.95	29.360	4.1	1.6	PHS 160-1TBH11
		12	219.96	196.34	B	3020	31.75	76.20	50.80	133.35	29.360	5.0	3.0	PHS 160-1TBH12
		13	236.47	212.34	B	3020	31.75	76.20	50.80	133.35	29.360	5.9	3.0	PHS 160-1TBH13
		14	252.98	228.35	B	3020	31.75	76.20	50.80	133.35	29.360	7.3	3.0	PHS 160-1TBH14
		15	269.49	244.35	B	3535	38.10	88.90	88.90	165.10	29.360	11.3	6.4	PHS 160-1TBH15
		16	286.00	260.35	B	3535	38.10	88.90	88.90	165.10	29.360	12.7	6.4	PHS 160-1TBH16
		17	302.26	276.35	B	3535	38.10	88.90	88.90	165.10	29.360	14.5	6.4	PHS 160-1TBH17
		18	318.52	292.61	B	3535	38.10	88.90	88.90	165.10	29.360	15.9	6.4	PHS 160-1TBH18
		19	335.03	308.61	B	3535	38.10	88.90	88.90	165.10	29.360	17.7	6.4	PHS 160-1TBH19
		21	367.54	340.87	B	3535	38.10	88.90	88.90	165.10	29.360	21.8	6.4	PHS 160-1TBH21
		26	448.82	421.39	B	3535	38.10	88.90	88.90	165.10	29.360	30.8	6.4	PHS 160-1TB26
		35	594.87	566.67	C	4040	44.45	101.60	101.60	196.85	29.360	53.5	6.4	PHS 160-1TB35
		45	756.92	728.22	C	4040	44.45	101.60	101.60	196.85	29.360	84.4	10.0	PHS 160-1TB45
		60	999.74	970.79	C	4545	53.98	114.30	114.30	196.85	29.360	132.5	13.6	PHS 160-1TB60

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-1TBH18.

ANSI sprockets, double simplex, pilot bore

ANSI 40-1 · 12.70 mm (1/2") pitch | ANSI 50-1 · 15.88 mm (5/8") pitch | ANSI 60-1 · 19.05 mm (3/4") pitch |

ANSI 80-1 · 25.40 mm (1") pitch | ANSI 100-1 · 31.75 mm (1 1/4") pitch



Type A

Pitch		Number of teeth	Diameters		Type	Dimensions		L	C	E	Plate thickness t ₁	Mass	Designation
			Outside	Pitch		Bore							
			OD	PD		Min.	Max.						
mm	in.	–	mm	–	mm							kg	–
12.70	1/2	15	67.31	60.96	A	12.70	31.75	35.79	28.58	46.04	7.210	0.5	PHS 40-1DSA15
		16	71.37	65.02	A	12.70	31.75	35.79	28.58	50.80	7.210	0.6	PHS 40-1DSA16
		17	75.69	69.09	A	12.70	33.34	35.79	28.58	53.98	7.210	0.7	PHS 40-1DSA17
		18	79.76	73.15	A	12.70	38.10	35.79	28.58	58.74	7.210	0.8	PHS 40-1DSA18
		19	83.82	77.22	A	15.88	42.86	35.79	28.58	63.50	7.210	1.0	PHS 40-1DSA19
		20	87.88	81.28	A	15.88	44.45	35.79	28.58	66.68	7.210	1.2	PHS 40-1DSA20
		21	91.95	85.34	A	15.88	44.45	35.79	28.58	70.64	7.210	1.3	PHS 40-1DSA21
		22	96.01	89.15	A	15.88	46.04	35.79	28.58	74.61	7.210	1.4	PHS 40-1DSA22
		23	100.08	93.22	A	15.88	52.39	35.79	28.58	78.58	7.210	1.6	PHS 40-1DSA23
		24	104.14	97.28	A	15.88	57.15	35.79	28.58	82.55	7.210	1.8	PHS 40-1DSA24
		25	108.20	101.35	A	15.88	57.15	35.79	28.58	86.52	7.210	2.0	PHS 40-1DSA25
15.88	5/8	15	84.33	76.45	A	15.88	38.10	42.07	33.35	60.33	8.710	1.0	PHS 50-1DSA15
		16	89.41	81.28	A	15.88	42.86	42.07	33.35	63.50	8.710	1.1	PHS 50-1DSA16
		17	94.49	86.36	A	15.88	44.45	42.07	33.35	66.68	8.710	1.3	PHS 50-1DSA17
		18	99.57	91.44	A	15.88	47.63	42.07	33.35	73.42	8.710	1.5	PHS 50-1DSA18
		19	104.65	96.52	A	15.88	52.39	42.07	33.35	78.58	8.710	1.7	PHS 50-1DSA19
		20	109.73	101.60	A	15.88	57.15	42.07	33.35	83.34	8.710	1.9	PHS 50-1DSA20
		21	114.81	106.43	A	15.88	57.15	42.07	33.35	88.50	8.710	2.2	PHS 50-1DSA21
		22	119.89	111.51	A	15.88	61.91	42.07	33.35	93.66	8.710	2.4	PHS 50-1DSA22
		23	124.97	116.59	A	15.88	66.68	42.07	33.35	98.82	8.710	2.6	PHS 50-1DSA23
		24	130.05	121.67	A	15.88	69.85	42.07	33.35	103.58	8.710	2.9	PHS 50-1DSA24
19.05	3/4	13	88.65	79.50	A	19.05	31.75	49.36	37.70	59.53	11.660	1.2	PHS 60-1DSA13
		14	95.00	85.60	A	19.05	33.34	49.36	37.70	65.09	11.660	1.5	PHS 60-1DSA14
		15	101.09	91.69	A	19.05	38.10	49.36	37.70	73.03	11.660	1.7	PHS 60-1DSA15
		16	107.19	97.54	A	19.05	42.86	49.36	37.70	77.39	11.660	2.0	PHS 60-1DSA16
		17	113.28	103.63	A	19.05	44.45	49.36	37.70	82.55	11.660	2.4	PHS 60-1DSA17
		18	119.38	109.73	A	19.05	47.63	49.36	37.70	88.90	11.660	3.0	PHS 60-1DSA18
		19	125.73	115.82	A	19.05	52.39	49.36	37.70	94.06	11.660	3.1	PHS 60-1DSA19
		20	131.83	121.67	A	19.05	57.15	49.36	37.70	100.41	11.660	3.2	PHS 60-1DSA20
		21	137.92	127.76	A	19.05	61.91	49.36	37.70	106.36	11.660	3.4	PHS 60-1DSA21
		22	144.02	133.86	A	19.05	66.68	49.36	37.70	112.71	11.660	5.0	PHS 60-1DSA22
		23	150.11	139.95	A	19.05	69.85	49.36	37.70	118.27	11.660	5.2	PHS 60-1DSA23
		24	156.21	146.05	A	19.05	72.92	49.36	37.70	124.02	11.660	5.4	PHS 60-1DSA24
25.40	1	13	118.36	106.17	A	25.40	50.80	55.88	41.28	76.60	14.600	3.0	PHS 80-1DSA13
		14	126.49	114.05	A	25.40	57.15	55.88	41.28	84.93	14.600	3.5	PHS 80-1DSA14
		15	134.62	122.17	A	25.40	60.33	55.88	41.28	96.84	14.600	4.1	PHS 80-1DSA15
		16	143.00	130.30	A	25.40	66.68	55.88	41.28	101.60	14.600	4.3	PHS 80-1DSA16
		17	151.13	138.18	A	25.40	71.44	55.88	41.28	109.54	14.600	4.9	PHS 80-1DSA17
		18	159.26	146.30	A	25.40	79.38	55.88	41.28	117.87	14.600	5.5	PHS 80-1DSA18
		19	167.39	154.43	A	25.40	82.55	55.88	41.28	125.81	14.600	5.8	PHS 80-1DSA19
		20	175.51	162.31	A	25.40	88.90	55.88	41.28	134.14	14.600	6.4	PHS 80-1DSA20
		21	183.90	170.43	A	25.40	95.25	55.88	41.28	142.08	14.600	7.5	PHS 80-1DSA21
		22	192.02	178.56	A	25.40	98.43	55.88	41.28	150.42	14.600	8.4	PHS 80-1DSA22
		23	200.15	186.44	A	25.40	98.43	55.88	41.28	158.35	14.600	9.3	PHS 80-1DSA23
31.75	1 1/4	13	147.83	132.59	A	25.40	63.50	68.38	50.80	96.04	17.580	5.1	PHS 100-1DSA13
		14	158.24	142.75	A	31.75	69.85	68.38	50.80	106.36	17.580	6.1	PHS 100-1DSA14
		15	168.40	152.65	A	31.75	77.79	68.38	50.80	116.68	17.580	7.6	PHS 100-1DSA15
		16	178.56	162.81	A	31.75	82.55	68.38	50.80	127.00	17.580	8.8	PHS 100-1DSA16
		17	188.98	172.72	A	31.75	92.08	68.38	50.80	137.32	17.580	9.8	PHS 100-1DSA17

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 40-1DSAH15.

ANSI sprockets, double simplex, pilot bore

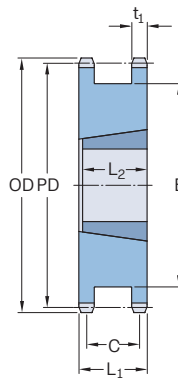
ANSI 100-1 · 31.75 mm (1 1/4") pitch | ANSI 120-1 · 38.10 mm (1 1/2") pitch | ANSI 140-1 · 44.45 mm (1 3/4") pitch |

ANSI 160-1 · 50.80 mm (2") pitch

Pitch		Number of teeth	Diameters Outside		Type	Dimensions Bore		L	C	E	Plate thickness t ₁	Mass	Designation
			OD	PD		Min.	Max.						
mm	in.	–	mm	–	–	mm						kg	–
31.75	1 1/4	18	199.14	182.88	A	31.75	95.25	68.38	50.80	147.24	17.580	10.4	PHS 100-1DSA18
		19	209.30	192.79	A	31.75	106.36	68.38	50.80	157.56	17.580	11.3	PHS 100-1DSA19
		20	219.46	202.95	A	31.75	106.36	68.38	50.80	167.88	17.580	12.0	PHS 100-1DSA20
		21	229.62	213.11	A	31.75	133.35	68.38	50.80	177.80	17.580	13.2	PHS 100-1DSA21
38.10	1 1/2	15	202.18	183.13	A	36.51	95.25	85.38	61.91	139.70	23.470	13.6	PHS 120-1DSA15
		16	214.38	195.33	A	36.51	101.60	85.38	61.91	152.40	23.470	15.4	PHS 120-1DSA16
		17	226.57	207.26	A	36.51	112.71	85.38	61.91	164.70	23.470	16.8	PHS 120-1DSA17
		18	239.01	219.46	A	36.51	131.76	85.38	61.91	164.70	23.470	19.1	PHS 120-1DSA18
		19	251.21	231.39	A	36.51	139.70	85.38	61.91	189.31	23.470	21.3	PHS 120-1DSA19
		20	263.40	243.59	A	36.51	150.81	85.38	61.91	201.61	23.470	23.1	PHS 120-1DSA20
44.45	1 3/4	14	221.49	199.64	A	36.51	98.43	91.73	68.26	149.23	23.470	15.9	PHS 140-1DSA14
		15	235.71	213.87	A	36.51	112.71	91.73	68.26	163.91	23.470	19.5	PHS 140-1DSA15
		16	250.19	227.84	A	36.51	133.35	91.73	68.26	178.20	23.470	22.2	PHS 140-1DSA16
		17	264.41	241.81	A	36.51	141.29	91.73	68.26	192.48	23.470	26.3	PHS 140-1DSA17
50.80	2	18	278.89	256.03	A	36.51	155.58	91.73	68.26	206.77	23.470	29.9	PHS 140-1DSA18
		15	269.49	244.35	A	42.86	139.70	107.95	78.58	187.33	29.36	31.3	PHS 160-1DSA15
		16	286.00	260.35	A	42.86	152.40	107.95	78.58	203.60	29.36	34.0	PHS 160-1DSA16
		17	302.26	276.35	A	42.86	165.10	107.95	78.58	219.87	29.36	41.7	PHS 160-1DSA17
		18	318.52	292.61	A	42.86	173.04	107.95	78.58	236.54	29.36	44.0	PHS 160-1DSA18

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 40-1DSAH15.

ANSI sprockets, double simplex, taper bushed



Type A taper bush

Pitch		Number of teeth	Diameters		Type	Bushing number	Dimensions		L1	C	E	L2	Plate thickness t ₁	Mass ¹⁾	Designation	
			Outside	Pitch			Bore									
			OD	PD			Min.	Max.								
mm	in.	–	mm	–	–	mm								kg	–	
12.70	1/2	18	79.76	73.15	A	1215	12.70	31.75	35.72	28.58	58.74	38.10	7.210	0.5	PHS 40-1DSTBH18	
		19	83.82	77.22	A	1215	12.70	31.75	35.72	28.58	63.50	38.10	7.210	0.5	PHS 40-1DSTBH19	
		20	87.88	81.28	A	1215	12.70	31.75	35.72	28.58	66.68	38.10	7.210	0.6	PHS 40-1DSTBH20	
		21	91.95	85.34	A	1615	12.70	41.28	35.72	28.58	70.64	38.10	7.210	0.6	PHS 40-1DSTBH21	
		23	100.08	93.22	A	1615	12.70	41.28	35.72	28.58	78.58	38.10	7.210	0.7	PHS 40-1DSTBH23	
	24	104.14	97.28	A	1615	12.70	41.28	35.72	28.58	82.95	38.10	7.210	0.8	PHS 40-1DSTBH24		
	15.88	5/8	16	89.41	81.28	A	1215	12.70	41.28	42.07	33.34	63.10	38.10	8.710	1.4	PHS 50-1DSTBH16
			17	94.49	86.36	A	1615	12.70	41.28	42.07	33.34	68.26	38.10	8.710	0.8	PHS 50-1DSTBH17
			18	99.57	91.44	A	1615	12.70	41.28	42.07	33.34	73.42	38.10	8.710	1.0	PHS 50-1DSTBH18
			19	104.65	96.52	A	1615	12.70	41.28	42.07	33.34	78.18	38.10	8.710	1.2	PHS 50-1DSTBH19
20			109.73	101.60	A	1615	12.70	41.28	42.07	33.34	83.34	38.10	8.710	2.3	PHS 50-1DSTBH20	
21		114.81	106.43	A	2012	12.70	50.80	42.07	33.34	88.50	31.75	8.710	1.5	PHS 50-1DSTBH21		
23		124.97	116.59	A	2012	12.70	50.80	42.07	33.34	98.82	31.75	8.710	1.7	PHS 50-1DSTBH23		
24		130.05	121.67	A	2012	12.70	50.80	42.07	33.34	103.58	31.75	8.710	1.9	PHS 50-1DSTBH24		
19.05		3/4	16	107.19	97.54	A	1615	12.70	41.28	49.21	37.70	75.80	38.10	11.660	2.0	PHS 60-1DSTBH16
			17	113.28	101.60	A	1615	12.70	41.28	49.21	37.70	81.76	38.10	11.660	2.0	PHS 60-1DSTBH17
	18		119.38	109.73	A	2012	12.70	50.80	49.21	37.70	88.11	31.75	11.660	2.3	PHS 60-1DSTBH18	
	19		125.73	115.82	A	2012	12.70	50.80	49.21	37.70	94.06	31.75	11.660	2.6	PHS 60-1DSTBH19	
	20		131.83	121.67	A	2517	12.70	63.50	49.21	37.70	100.41	44.45	11.660	2.5	PHS 60-1DSTBH20	
	21	137.92	127.76	A	2517	12.70	63.50	49.21	37.70	106.36	44.45	11.660	2.9	PHS 60-1DSTBH21		
	23	150.11	139.95	A	2517	12.70	63.50	49.21	37.70	118.67	44.45	11.660	3.3	PHS 60-1DSTBH23		
	24	156.21	146.05	A	2517	12.70	63.50	49.21	37.70	131.76	44.45	11.660	3.7	PHS 60-1DSTBH24		
	25.40	1	17	151.13	138.18	A	2517	12.70	63.50	55.56	41.28	109.54	44.45	14.600	3.5	PHS 80-1DSTBH17
			18	159.26	146.30	A	2517	12.70	63.50	55.56	41.28	120.65	44.45	14.600	4.0	PHS 80-1DSTBH18
19			167.39	154.43	A	3020	23.81	76.20	55.56	41.28	125.81	50.80	14.600	4.4	PHS 80-1DSTBH19	
20			175.51	162.31	A	3020	23.81	76.20	55.56	41.28	134.14	50.80	14.600	4.5	PHS 80-1DSTBH20	
21			183.90	170.43	A	3020	23.81	76.20	55.56	41.28	142.08	50.80	14.600	5.4	PHS 80-1DSTBH21	
22		192.02	178.56	A	3020	23.81	76.20	55.56	41.28	142.08	50.80	14.600	5.9	PHS 80-1DSTBH22		
23		200.15	186.44	A	3020	23.81	76.20	55.56	41.28	158.35	50.80	14.600	6.6	PHS 80-1DSTBH23		
31.75		1 1/4	15	168.40	152.65	A	2517	19.05	63.50	68.26	50.80	116.68	44.45	17.580	5.7	PHS 100-1DSTBH15
			16	178.56	162.81	A	2517	19.05	63.50	68.26	50.80	127.00	44.45	17.580	5.9	PHS 100-1DSTBH16
			17	188.98	172.72	A	3020	23.81	76.20	68.26	50.80	137.32	50.80	17.580	6.4	PHS 100-1DSTBH17
	18		199.14	182.88	A	3020	23.81	76.20	68.26	50.80	147.24	50.80	17.580	7.3	PHS 100-1DSTBH18	
	19		209.30	192.79	A	3020	23.81	76.20	68.26	50.80	157.56	50.80	17.580	9.1	PHS 100-1DSTBH19	
	20	219.46	202.95	A	3020	23.81	76.20	68.26	50.80	167.88	44.45	17.580	12.5	PHS 100-1DSTBH20		
	21	229.62	213.11	A	3020	23.81	76.20	68.26	50.80	177.80	50.80	17.580	12.5	PHS 100-1DSTBH21		

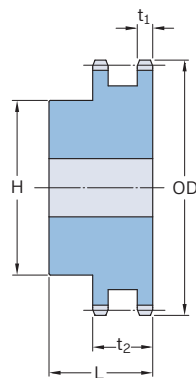
¹⁾ Mass for rim only

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.

For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 40-1DSTBH18.

ANSI sprockets, duplex, pilot bore

ANSI 35-2 · 9.53 mm (³/₈" pitch | ANSI 40-2 · 12.70 mm (1/2" pitch



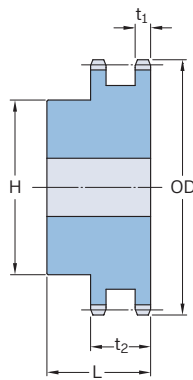
Type B

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions Bore		H	L	Plate thickness		Mass	Designation
					Min.	Max.			t ₁	t ₂		
mm	in.	–	mm	–	mm						kg	–
9.53	³ / ₈	12	41.40	B	12.70	14.29	25.00	31.75	4.110	14.250	0.15	PHS 35-2BH12
		13	44.45	B	12.70	17.46	28.18	31.75	4.110	14.250	0.16	PHS 35-2BH13
		14	47.50	B	12.70	22.23	31.75	31.75	4.110	14.250	0.20	PHS 35-2BH14
		15	50.55	B	12.70	23.81	35.72	31.75	4.110	14.250	0.25	PHS 35-2BH15
		16	53.59	B	12.70	23.81	37.31	31.75	4.110	14.250	0.29	PHS 35-2BH16
		17	56.64	B	12.70	17.46	40.48	31.75	4.110	14.250	0.34	PHS 35-2BH17
		18	59.69	B	12.70	20.64	43.66	31.75	4.110	14.250	0.38	PHS 35-2BH18
		19	62.74	B	12.70	23.81	47.63	31.75	4.110	14.250	0.44	PHS 35-2BH19
		20	65.79	B	19.05	23.81	49.21	34.93	4.110	14.250	0.49	PHS 35-2BH20
		21	68.83	B	19.05	34.93	52.39	34.93	4.110	14.250	0.56	PHS 35-2BH21
		22	71.88	B	19.05	36.51	55.56	34.93	4.110	14.250	0.64	PHS 35-2BH22
		23	74.93	B	19.05	38.10	57.15	34.93	4.110	14.250	0.70	PHS 35-2BH23
		24	77.98	B	19.05	38.10	57.15	34.93	4.110	14.250	0.73	PHS 35-2BH24
		25	81.03	B	19.05	38.10	57.15	34.93	4.110	14.250	0.75	PHS 35-2BH25
		26	84.07	B	19.05	44.45	63.50	34.93	4.110	14.250	0.90	PHS 35-2B26
		30	96.27	B	19.05	44.45	63.50	34.93	4.110	14.250	1.06	PHS 35-2B30
		36	114.55	B	19.05	44.45	63.50	34.93	4.110	14.250	1.36	PHS 35-2B36
		42	132.84	B	19.05	44.45	63.50	34.93	4.110	14.250	1.72	PHS 35-2B42
		48	151.13	B	19.05	44.45	63.50	34.93	4.110	14.250	2.11	PHS 35-2B48
		52	163.32	B	19.05	44.45	63.50	34.93	4.110	14.250	2.45	PHS 35-2B52
		60	187.45	B	19.05	44.45	63.50	34.93	4.110	14.250	3.10	PHS 35-2B60
		68	211.84	B	19.05	60.33	88.90	38.10	4.110	14.250	4.54	PHS 35-2B68
		72	223.77	B	19.05	60.33	88.90	38.10	4.110	14.250	5.01	PHS 35-2B72
		76	235.97	B	19.05	60.33	88.90	38.10	4.110	14.250	5.42	PHS 35-2B76
		84	260.35	B	19.05	60.33	88.90	38.10	4.110	14.250	6.79	PHS 35-2B84
		95	293.62	B	25.40	60.33	88.90	38.10	4.110	14.250	7.90	PHS 35-2B95
		96	296.67	B	25.40	60.33	88.90	38.10	4.110	14.250	8.23	PHS 35-2B96
		102	314.96	B	25.40	60.33	88.90	38.10	4.110	14.250	9.04	PHS 35-2B102
12.70	1/2	11	50.80	B	12.70	19.05	36.51	38.10	6.990	21.360	0.28	PHS 40-2BH11
		12	55.12	B	12.70	23.81	39.69	38.10	6.990	21.360	0.34	PHS 40-2BH12
		13	59.18	B	12.70	25.40	38.10	38.10	6.990	21.360	0.39	PHS 40-2BH13
		14	63.25	B	12.70	28.58	42.86	38.10	6.990	21.360	0.49	PHS 40-2BH14
		15	67.31	B	12.70	31.75	46.04	38.10	6.990	21.360	0.56	PHS 40-2BH15
		16	71.37	B	15.88	34.93	50.80	38.10	6.990	21.360	0.64	PHS 40-2BH16
		17	75.69	B	15.88	36.51	53.98	38.10	6.990	21.360	0.74	PHS 40-2BH17
		18	79.76	B	15.88	38.10	58.74	38.10	6.990	21.360	0.87	PHS 40-2BH18
		19	83.82	B	15.88	44.45	63.50	38.10	6.990	21.360	1.01	PHS 40-2BH19
		20	87.88	B	15.88	47.63	66.68	41.28	6.990	21.360	1.20	PHS 40-2BH20
		21	91.95	B	15.88	47.63	69.85	41.28	6.990	21.360	1.33	PHS 40-2BH21
		22	96.01	B	15.88	47.63	73.03	41.28	6.990	21.360	1.44	PHS 40-2BH22
		23	100.08	B	15.88	50.80	76.20	41.28	6.990	21.360	1.60	PHS 40-2BH23
		24	104.14	B	15.88	57.15	82.55	41.28	6.990	21.360	1.83	PHS 40-2BH24
		25	108.20	B	15.88	57.15	82.55	41.28	6.990	21.360	1.93	PHS 40-2BH25
		26	112.27	B	15.88	57.15	82.55	41.28	6.990	21.360	2.03	PHS 40-2B26
		30	128.52	B	22.23	57.15	82.55	41.28	6.990	21.360	2.42	PHS 40-2B30
		35	148.84	B	22.23	57.15	82.55	41.28	6.990	21.360	3.08	PHS 40-2B35
		36	152.91	B	23.81	63.50	95.25	41.28	6.990	21.360	3.27	PHS 40-2B36
		40	168.91	B	23.81	63.50	95.25	44.45	6.990	21.360	4.26	PHS 40-2B40
		42	177.04	B	23.81	63.50	95.25	44.45	6.990	21.360	4.63	PHS 40-2B42
		45	189.23	B	23.81	63.50	95.25	44.45	6.990	21.360	5.15	PHS 40-2B45
		48	201.42	B	23.81	63.50	95.25	44.45	6.990	21.360	5.74	PHS 40-2B48
		52	217.68	B	23.81	63.50	95.25	44.45	6.990	21.360	6.56	PHS 40-2B52
		54	225.81	B	23.81	63.50	95.25	44.45	6.990	21.360	7.02	PHS 40-2B54

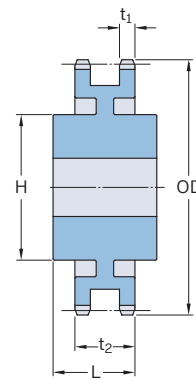
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-2BH12.

ANSI sprockets, duplex, pilot bore

ANSI 40-2 · 12.70 mm (1/2") pitch | ANSI 50-2 · 15.88 mm (5/8") pitch | ANSI 60-2 · 19.05 mm (3/4") pitch



Type B



Type C

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions		H	L	Plate thickness		Mass	Designation
					Bore	Max.			t ₁	t ₂		
mm	in.	–	mm	–	mm						kg	–
12.70	1/2	60	249.94	B	23.81	63.50	95.25	44.45	6.990	21.360	8.44	PHS 40-2B60
		68	282.45	B	30.16	69.85	107.95	53.98	6.990	21.360	11.32	PHS 40-2B68
		72	298.45	B	30.16	69.85	107.95	53.98	6.990	21.360	12.65	PHS 40-2B72
		76	314.71	B	30.16	69.85	107.95	53.98	6.990	21.360	13.69	PHS 40-2B76
		84	346.96	B	30.16	69.85	107.95	53.98	6.990	21.360	16.44	PHS 40-2B84
		95	391.41	B	30.16	69.85	107.95	53.98	6.990	21.360	17.62	PHS 40-2B95
		96	395.48	B	30.16	69.85	107.95	53.98	6.990	21.360	17.92	PHS 40-2B96
		102	419.86	B	30.16	69.85	107.95	53.98	6.990	21.360	19.38	PHS 40-2B102
		112	460.25	B	30.16	69.85	107.95	53.98	6.990	21.360	25.19	PHS 40-2B112
		11	63.50	B	15.88	23.81	37.31	44.45	8.430	26.540	0.44	PHS 50-2BH11
		12	68.83	B	15.88	28.58	42.86	44.45	8.430	26.540	0.57	PHS 50-2BH12
		13	73.91	B	15.88	33.34	47.63	44.45	8.430	26.540	0.71	PHS 50-2BH13
		14	78.99	B	15.88	34.93	52.39	44.45	8.430	26.540	0.84	PHS 50-2BH14
		15	84.33	B	19.05	38.10	58.74	44.45	8.430	26.540	1.01	PHS 50-2BH15
15.88	5/8	16	89.41	B	19.05	44.45	63.50	44.45	8.430	26.540	1.19	PHS 50-2BH16
		17	94.49	B	19.05	47.63	68.26	44.45	8.430	26.540	1.38	PHS 50-2BH17
		18	99.57	B	19.05	49.21	74.61	44.45	8.430	26.540	1.62	PHS 50-2BH18
		19	104.65	B	25.40	53.98	79.38	44.45	8.430	26.540	1.77	PHS 50-2BH19
		20	109.73	B	25.40	57.15	82.55	44.45	8.430	26.540	1.93	PHS 50-2BH20
		21	114.81	B	25.40	60.33	88.90	44.45	8.430	26.540	2.22	PHS 50-2BH21
		22	119.89	B	25.40	60.33	90.49	47.63	8.430	26.540	2.53	PHS 50-2BH22
		23	124.97	B	25.40	63.50	92.08	47.63	8.430	26.540	2.77	PHS 50-2BH23
		24	130.05	B	25.40	63.50	92.08	47.63	8.430	26.540	2.95	PHS 50-2BH24
		25	135.13	B	25.40	63.50	92.08	47.63	8.430	26.540	3.15	PHS 50-2BH25
		26	140.21	B	25.40	63.50	95.25	47.63	8.430	26.540	3.42	PHS 50-2B26
		30	160.53	B	25.40	63.50	95.25	47.63	8.430	26.540	4.26	PHS 50-2B30
		32	170.69	B	25.40	63.50	95.25	47.63	8.430	26.540	4.74	PHS 50-2B32
		35	185.93	B	25.40	63.50	95.25	47.63	8.430	26.540	5.57	PHS 50-2B35
		36	191.01	B	30.16	69.85	101.60	53.98	8.430	26.540	6.32	PHS 50-2B36
		40	211.33	B	30.16	69.85	101.60	53.98	8.430	26.540	7.50	PHS 50-2B40
		42	221.49	B	30.16	69.85	101.60	53.98	8.430	26.540	8.13	PHS 50-2B42
		45	236.47	B	30.16	69.85	101.60	53.98	8.430	26.540	9.21	PHS 50-2B45
		48	251.71	B	30.16	69.85	107.95	60.33	8.430	26.540	10.92	PHS 50-2B48
		52	272.03	B	30.16	69.85	107.95	60.33	8.430	26.540	12.44	PHS 50-2B52
		54	282.19	B	30.16	69.85	107.95	60.33	8.430	26.540	13.23	PHS 50-2B54
		60	312.42	B	33.34	76.20	114.30	60.33	8.430	26.540	16.27	PHS 50-2B60
		68	352.81	B	33.34	76.20	114.30	60.33	8.430	26.540	20.40	PHS 50-2B68
		72	373.13	B	33.34	76.20	114.30	60.33	8.430	26.540	22.78	PHS 50-2B72
		76	393.45	B	33.34	76.20	114.30	60.33	8.430	26.540	20.70	PHS 50-2B76
		84	433.83	B	33.34	76.20	114.30	60.33	8.430	26.540	23.42	PHS 50-2B84
		95	489.46	B	33.34	76.20	114.30	60.33	8.430	26.540	29.18	PHS 50-2B95
		96	494.54	B	33.34	76.20	114.30	60.33	8.430	26.540	30.58	PHS 50-2B96
		102	524.76	B	33.34	76.20	114.30	60.33	8.430	26.540	32.97	PHS 50-2B102
		112	575.31	B	33.34	84.14	133.35	60.33	8.430	26.540	40.92	PHS 50-2B112
19.05	3/4	11	76.20	B	25.40	31.75	46.04	53.98	11.280	34.060	0.73	PHS 60-2BH11
		12	82.55	B	25.40	36.51	53.98	53.98	11.280	34.060	1.00	PHS 60-2BH12
		13	88.65	B	25.40	38.10	57.15	53.98	11.280	34.060	1.18	PHS 60-2BH13
		14	95.00	B	25.40	44.45	63.50	53.98	11.280	34.060	1.47	PHS 60-2BH14
		15	101.09	B	25.40	47.63	71.44	53.98	11.280	34.060	1.80	PHS 60-2BH15
		16	107.19	B	25.40	50.80	76.20	53.98	11.280	34.060	2.10	PHS 60-2BH16
		17	113.28	B	25.40	57.15	82.55	53.98	11.280	34.060	2.45	PHS 60-2BH17
		18	119.38	B	25.40	60.33	88.90	53.98	11.280	34.060	2.83	PHS 60-2BH18
		19	125.73	B	25.40	63.50	93.66	53.98	11.280	34.060	3.18	PHS 60-2BH19
		20	131.83	B	25.40	63.50	95.25	53.98	11.280	34.060	3.50	PHS 60-2BH20

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-2BH12..

ANSI sprockets, duplex, pilot bore

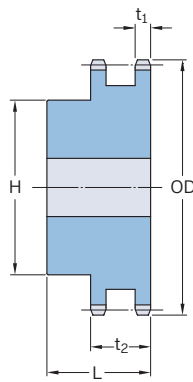
ANSI 60-2 · 19.05 mm (3/4") pitch | ANSI 80-2 · 25.40 mm (1") pitch | ANSI 100-2 · 31.75 mm (1 1/4") pitch

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions Bore		H	L	Plate thickness		Mass	Designation		
					Min.	Max.			t ₁	t ₂				
mm	in.				—	mm			—	mm				
19.05	3/4	21	137.92	B	25.40	69.85	104.78	53.98	11.280	34.060	4.00	PHS 60-2BH21		
		22	144.02	B	25.40	69.85	107.95	53.98	11.280	34.060	4.39	PHS 60-2BH22		
		23	150.11	B	25.40	69.85	107.95	53.98	11.280	34.060	4.67	PHS 60-2BH23		
		24	156.21	B	25.40	69.85	107.95	53.98	11.280	34.060	5.05	PHS 60-2BH24		
		25	162.31	B	25.40	69.85	107.95	53.98	11.280	34.060	5.42	PHS 60-2BH25		
		26	168.40	B	25.40	69.85	107.95	53.98	11.280	34.060	5.76	PHS 60-2B26		
		30	192.79	B	25.40	69.85	107.95	53.98	11.280	34.060	7.42	PHS 60-2B30		
		32	204.98	B	31.75	76.20	114.30	60.33	11.280	34.060	8.85	PHS 60-2B32		
		35	223.01	B	31.75	76.20	114.30	60.33	11.280	34.060	10.34	PHS 60-2B35		
		36	229.11	B	31.75	76.20	114.30	60.33	11.280	34.060	10.80	PHS 60-2B36		
		40	253.49	B	31.75	82.55	120.65	69.85	11.280	34.060	13.99	PHS 60-2B40		
		42	265.68	B	31.75	82.55	120.65	69.85	11.280	34.060	15.00	PHS 60-2B42		
		45	283.97	B	31.75	82.55	120.65	69.85	11.280	34.060	16.82	PHS 60-2B45		
		52	326.39	B	31.75	82.55	120.65	69.85	11.280	34.060	22.09	PHS 60-2B52		
		60	374.90	B	31.75	82.55	120.65	69.85	11.280	34.060	28.62	PHS 60-2B60		
		68	423.42	C	31.75	84.14	127.00	76.20	11.280	34.060	24.35	PHS 60-2C68		
		72	447.80	C	31.75	84.14	127.00	76.20	11.280	34.060	24.38	PHS 60-2C72		
		76	471.93	C	31.75	84.14	127.00	76.20	11.280	34.060	27.34	PHS 60-2C76		
		95	587.25	C	31.75	95.25	139.70	88.90	11.280	34.060	39.53	PHS 60-2C95		
		25.40	1	10	93.47	B	25.40	38.10	65.09	69.85	14.150	43.430	1.63	PHS 80-2BH10
				11	101.85	B	25.40	44.45	63.50	63.50	14.150	43.430	1.81	PHS 80-2BH11
				12	109.98	B	25.40	47.63	72.23	63.50	14.150	43.430	2.31	PHS 80-2BH12
				13	118.36	B	25.40	57.15	80.17	63.50	14.150	43.430	2.86	PHS 80-2BH13
				14	126.49	B	25.40	60.33	88.11	63.50	14.150	43.430	3.45	PHS 80-2BH14
				15	134.62	B	25.40	63.50	96.44	63.50	14.150	43.430	4.08	PHS 80-2BH15
				16	143.00	B	25.40	69.85	101.60	69.85	14.150	43.430	4.99	PHS 80-2BH16
				17	151.13	B	25.40	76.20	112.32	69.85	14.150	43.430	5.99	PHS 80-2BH17
				18	159.26	B	25.40	82.55	120.25	69.85	14.150	43.430	6.80	PHS 80-2BH18
19	167.39			B	25.40	84.14	127.00	69.85	14.150	43.430	7.71	PHS 80-2BH19		
20	175.51			B	25.40	84.14	127.00	69.85	14.150	43.430	8.26	PHS 80-2BH20		
21	183.90			B	25.40	84.14	127.00	69.85	14.150	43.430	8.89	PHS 80-2BH21		
22	192.02			B	25.40	84.14	127.00	69.85	14.150	43.430	9.53	PHS 80-2BH22		
23	200.15			B	25.40	84.14	127.00	69.85	14.150	43.430	10.34	PHS 80-2BH23		
24	208.28			B	25.40	88.90	133.35	69.85	14.150	43.430	11.39	PHS 80-2BH24		
25	216.41			B	25.40	88.90	133.35	76.20	14.150	43.430	12.84	PHS 80-2BH25		
26	224.54			B	25.40	88.90	133.35	76.20	14.150	43.430	13.56	PHS 80-2B26		
30	256.79			B	31.75	95.25	146.05	76.20	14.150	43.430	17.92	PHS 80-2B30		
32	273.05			B	31.75	95.25	146.05	76.20	14.150	43.430	19.87	PHS 80-2B32		
35	297.43			B	31.75	95.25	146.05	76.20	14.150	43.430	22.27	PHS 80-2B35		
36	305.56			B	31.75	95.25	146.05	79.38	14.150	43.430	24.58	PHS 80-2B36		
42	354.08			B	31.75	95.25	146.05	79.38	14.150	43.430	32.43	PHS 80-2B42		
45	378.46			B	31.75	95.25	146.05	79.38	14.150	43.430	33.34	PHS 80-2B45		
52	435.10			C	38.10	95.25	146.05	95.25	14.150	43.430	35.56	PHS 80-2C52		
60	499.87			C	38.10	95.25	146.05	95.25	14.150	43.430	42.32	PHS 80-2C60		
68	564.64			C	38.10	96.84	152.40	101.60	14.150	43.430	43.64	PHS 80-2C68		
76	629.41			C	38.10	96.84	152.40	101.60	14.150	43.430	51.26	PHS 80-2C76		
95	783.08			C	38.10	101.60	152.40	107.95	14.150	43.430	74.84	PHS 80-2C95		
31.75	1 1/4	9	106.17	B	25.40	41.28	60.33	73.03	16.990	52.760	2.09	PHS 100-2BH9		
		10	116.84	B	25.40	47.63	69.85	73.03	16.990	52.760	2.81	PHS 100-2BH10		
		11	127.25	B	25.40	53.98	79.38	73.03	16.990	52.760	3.58	PHS 100-2BH11		
		12	137.67	B	28.58	57.15	85.73	73.03	16.990	52.760	4.22	PHS 100-2BH12		
		13	147.83	B	28.58	63.50	96.84	73.03	16.990	52.760	5.17	PHS 100-2BH13		
		14	158.24	B	28.58	69.85	106.36	73.03	16.990	52.760	6.17	PHS 100-2BH14		
		15	168.40	B	31.75	79.38	117.48	79.38	16.990	52.760	7.76	PHS 100-2BH15		
		16	178.56	B	31.75	84.14	127.00	79.38	16.990	52.760	9.12	PHS 100-2BH16		
		17	188.98	B	31.75	88.90	133.35	79.38	16.990	52.760	10.48	PHS 100-2BH17		
		18	199.14	B	31.75	88.90	133.35	79.38	16.990	52.760	11.52	PHS 100-2BH18		
		19	209.30	B	31.75	95.25	139.70	85.73	16.990	52.760	13.43	PHS 100-2BH19		
		20	219.46	B	31.75	95.25	139.70	85.73	16.990	52.760	14.70	PHS 100-2BH20		
		21	229.62	B	31.75	95.25	139.70	85.73	16.990	52.760	16.01	PHS 100-2BH21		
		22	239.78	B	31.75	95.25	139.70	85.73	16.990	52.760	17.42	PHS 100-2BH22		
		23	249.94	B	31.75	95.25	139.70	85.73	16.990	52.760	18.73	PHS 100-2BH23		
		24	260.35	B	31.75	95.25	146.05	85.73	16.990	52.760	20.46	PHS 100-2BH24		
		25	270.51	B	31.75	95.25	146.05	85.73	16.990	52.760	22.00	PHS 100-2BH25		
		26	280.67	B	38.10	95.25	146.05	85.73	16.990	52.760	23.36	PHS 100-2B26		
		30	321.06	B	38.10	95.25	146.05	85.73	16.990	52.760	29.48	PHS 100-2B30		
		35	371.86	C	38.10	96.84	152.40	107.95	16.990	52.760	34.02	PHS 100-2C35		
		45	473.20	C	38.10	96.84	152.40	114.30	16.990	52.760	46.72	PHS 100-2C45		
		60	624.84	C	38.10	136.53	190.50	127.00	16.990	52.760	79.38	PHS 100-2C60		
		70	725.93	C	38.10	136.53	190.50	127.00	16.990	52.760	89.36	PHS 100-2C70		
		80	827.28	C	38.10	136.53	190.50	127.00	16.990	52.760	104.78	PHS 100-2C80		

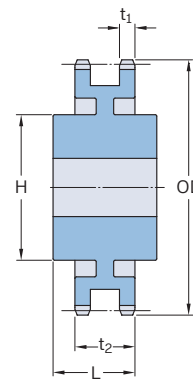
Maximum bores can accommodate standard keyways. Larger bores are available.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-2BH12.

ANSI sprockets, duplex, pilot bore

ANSI 120-2 · 38.10 mm (1 1/2") pitch | ANSI 140-2 · 44.45 mm (1 3/4") pitch | ANSI 160-2 · 50.80 mm (2") pitch



Type B



Type C

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions		H	L	Plate thickness		Mass	Designation
Bore					t ₁	t ₂						
Min.	Max.											
mm	in.	–	mm	–	mm						kg	–
38.10	1 1/2	11	152.65	B	38.10	60.33	90.49	95.25	22.710	68.150	6.17	PHS 120-2BH11
		12	165.10	B	38.10	69.85	103.19	95.25	22.710	68.150	7.85	PHS 120-2BH12
		13	177.55	B	38.10	76.20	114.30	95.25	22.710	68.150	9.57	PHS 120-2BH13
		14	189.74	B	38.10	84.14	127.00	95.25	22.710	68.150	11.61	PHS 120-2BH14
		15	202.18	B	38.10	88.90	133.35	95.25	22.710	68.150	13.56	PHS 120-2BH15
		16	214.38	B	38.10	88.90	133.35	95.25	22.710	68.150	15.33	PHS 120-2BH16
		17	226.57	B	38.10	88.90	133.35	95.25	22.710	68.150	16.74	PHS 120-2BH17
		18	239.01	B	38.10	88.90	133.35	95.25	22.710	68.150	19.01	PHS 120-2BH18
		19	251.21	B	38.10	88.90	133.35	95.25	22.710	68.150	21.09	PHS 120-2BH19
		20	263.40	B	38.10	88.90	139.70	95.25	22.710	68.150	22.77	PHS 120-2BH20
		21	275.59	B	38.10	88.90	139.70	95.25	22.710	68.150	25.22	PHS 120-2BH21
		22	287.78	B	38.10	96.84	146.05	101.60	22.710	68.150	29.03	PHS 120-2BH22
		23	299.97	B	38.10	114.30	165.10	101.60	22.710	68.150	34.02	PHS 120-2BH23
		24	312.17	B	38.10	114.30	165.10	101.60	22.710	68.150	35.83	PHS 120-2BH24
		25	324.36	B	38.10	114.30	165.10	101.60	22.710	68.150	38.10	PHS 120-2BH25
		26	336.55	B	38.10	114.30	165.10	101.60	22.710	68.150	40.82	PHS 120-2B26
		30	385.32	B	38.10	114.30	165.10	101.60	22.710	68.150	53.98	PHS 120-2B30
		35	446.28	C	38.10	136.53	190.50	152.40	22.710	71.580	67.13	PHS 120-2C35
		45	567.69	C	38.10	136.53	190.50	152.40	22.710	71.580	85.28	PHS 120-2C45
		60	749.81	C	38.10	161.93	241.30	158.75	22.710	71.580	139.25	PHS 120-2C60
44.45	1 3/4	13	207.01	B	41.28	84.14	127.00	95.25	22.710	71.580	13.15	PHS 140-2BH13
		14	221.49	B	41.28	95.25	139.70	95.25	22.710	71.580	15.79	PHS 140-2BH14
		15	235.71	B	41.28	114.30	165.10	95.25	22.710	71.580	19.28	PHS 140-2BH15
		16	250.19	B	41.28	133.35	177.80	101.60	22.710	71.580	21.82	PHS 140-2BH16
		17	264.41	B	41.28	133.35	177.80	101.60	22.710	71.580	26.08	PHS 140-2BH17
		18	278.89	B	44.45	133.35	177.80	101.60	22.710	71.580	29.76	PHS 140-2BH18
		19	293.12	B	44.45	133.35	177.80	101.60	22.710	71.580	32.66	PHS 140-2BH19
		20	307.34	B	44.45	133.35	177.80	101.60	22.710	71.580	34.47	PHS 140-2BH20
		21	321.56	B	44.45	133.35	177.80	101.60	22.710	71.580	37.19	PHS 140-2BH21
		22	335.79	B	44.45	133.35	177.80	101.60	22.710	71.580	42.64	PHS 140-2BH22
		23	350.01	B	44.45	133.35	177.80	101.60	22.710	71.580	45.36	PHS 140-2BH23
		24	364.24	B	44.45	133.35	177.80	101.60	22.710	71.580	47.17	PHS 140-2BH24
		25	378.46	B	44.45	133.35	177.80	101.60	22.710	71.580	54.43	PHS 140-2BH25
		26	392.68	B	44.45	133.35	177.80	101.60	22.710	71.580	58.06	PHS 140-2B26
		35	520.45	C	38.10	136.53	190.50	152.40	22.710	71.580	81.65	PHS 140-2C35
		45	662.43	C	38.10	136.53	190.50	152.40	22.710	71.580	105.23	PHS 140-2C45
		60	874.78	C	38.10	161.93	241.30	158.75	22.710	71.580	168.74	PHS 140-2C60
50.80	2	13	236.47	B	50.80	101.60	152.40	120.65	28.420	86.970	21.77	PHS 160-2BH13
		14	252.98	B	50.80	120.65	171.45	120.65	28.420	86.970	26.31	PHS 160-2BH14
		15	269.49	B	50.80	133.35	177.80	120.65	28.420	86.970	30.84	PHS 160-2BH15
		16	286.00	B	50.80	133.35	177.80	120.65	28.420	86.970	34.02	PHS 160-2BH16
		17	302.26	B	50.80	133.35	177.80	120.65	28.420	86.970	41.28	PHS 160-2BH17
		18	318.52	B	50.80	133.35	177.80	120.65	28.420	86.970	43.54	PHS 160-2BH18
		19	335.03	B	50.80	133.35	177.80	120.65	28.420	86.970	48.53	PHS 160-2BH19
		20	351.28	B	50.80	133.35	177.80	120.65	28.420	86.970	53.98	PHS 160-2BH20
		21	367.54	B	50.80	136.53	190.50	120.65	28.420	86.970	58.97	PHS 160-2BH21
		22	383.79	B	50.80	136.53	190.50	120.65	28.420	86.970	63.96	PHS 160-2BH22
		23	400.05	B	50.80	136.53	190.50	120.65	28.420	86.970	71.21	PHS 160-2BH23
		24	416.31	B	50.80	136.53	190.50	120.65	28.420	86.970	77.56	PHS 160-2BH24
		25	432.56	B	50.80	136.53	190.50	120.65	28.420	86.970	84.82	PHS 160-2BH25
		26	448.82	B	50.80	136.53	190.50	120.65	28.420	86.970	91.17	PHS 160-2B26
		35	594.87	C	38.10	171.45	241.30	168.28	28.420	86.970	138.80	PHS 160-2C35
		45	756.92	C	38.10	177.80	254.00	180.98	28.420	86.970	195.50	PHS 160-2C45
		60	999.74	C	38.10	177.80	254.00	180.98	28.420	86.970	255.83	PHS 160-2C60

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-2BH12..

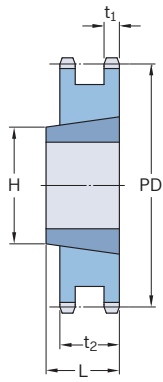
ANSI sprockets, duplex, pilot bore
ANSI 200-2 · 63.50 mm (2 1/2") pitch

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions Bore		H	L	Plate thickness		Mass	Designation
mm	in.				Min.	Max.			t ₁	t ₂		
mm	in.	–	mm	–	mm						kg	–
63.50	2 1/2	11	254.51	B	50.80	95.25	139.70	149.23	34.140	105.690	25.85	PHS 200-2BH11
		12	275.08	B	50.80	114.30	165.10	158.75	34.140	105.690	36.29	PHS 200-2BH12
		13	295.66	B	50.80	133.35	177.80	161.93	34.140	105.690	43.54	PHS 200-2BH13
		14	316.48	B	50.80	139.70	203.20	161.93	34.140	105.690	53.98	PHS 200-2BH14
		15	336.80	B	50.80	146.05	215.90	161.93	34.140	105.690	62.60	PHS 200-2BH15
		16	357.38	B	50.80	146.05	215.90	168.28	34.140	105.690	73.03	PHS 200-2BH16
		17	377.70	B	50.80	146.05	215.90	168.28	34.140	105.690	80.74	PHS 200-2BH17
		18	398.27	B	50.80	146.05	215.90	168.28	34.140	105.690	88.90	PHS 200-2BH18
		19	418.59	B	50.80	146.05	215.90	168.28	34.140	105.690	98.43	PHS 200-2BH19
		20	439.17	B	50.80	146.05	215.90	168.28	34.140	105.690	107.05	PHS 200-2BH20
		21	459.49	B	50.80	146.05	215.90	168.28	34.140	105.690	113.40	PHS 200-2BH21
		22	479.81	B	50.80	146.05	215.90	168.28	34.140	105.690	128.82	PHS 200-2BH22
		23	500.13	B	50.80	146.05	215.90	168.28	34.140	105.690	139.71	PHS 200-2BH23
		24	520.45	B	50.80	146.05	215.90	168.28	34.140	105.690	149.69	PHS 200-2BH24
		25	540.77	B	50.80	146.05	215.90	168.28	34.140	105.690	162.39	PHS 200-2BH25
		26	561.09	B	50.80	146.05	215.90	168.28	34.140	105.690	175.09	PHS 200-2B26
		45	946.15	C	38.10	177.80	254.00	215.90	34.140	105.690	301.64	PHS 200-2C45
		60	1249.68	C	38.10	177.80	254.00	228.60	34.140	105.690	440.89	PHS 200-2C60

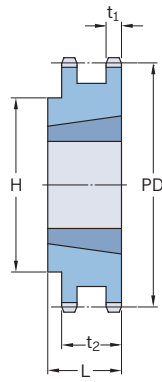
Maximum bores can accommodate standard keyways. Larger bores are available.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 06B-2BH12.

ANSI sprockets, duplex, taper bushed

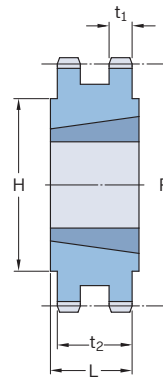
ANSI 35-2 · 9.53 mm (3/8") pitch | ANSI 40-2 · 12.70 mm (1/2") pitch | ANSI 50-2 · 15.88 mm (5/8") pitch



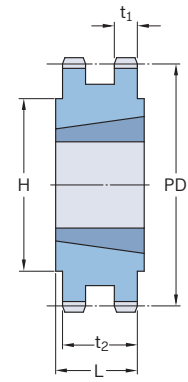
Type A



Type B



Type C



Type C1

Pitch		Number of teeth	Diameters		Type	Bushing number	Dimensions		L	H	Plate thickness		Mass Rim	Bushing	Designation
			Outside OD	Pitch PD			Min.	Max.			t ₁	t ₂			
mm	in.	–	mm		–	mm							kg	–	
9.53	3/8	19	62.74	57.91	B	1008	9.53	25.40	22.23	46.43	4.110	14.250	0.3	0.1	PHS 35-2TBH19
		20	65.79	60.96	B	1008	9.53	25.40	22.23	49.21	4.110	14.250	0.4	0.1	PHS 35-2TBH20
		21	68.83	64.01	B	1008	9.53	25.40	22.23	52.39	4.110	14.250	0.6	0.1	PHS 35-2TBH21
		22	71.88	66.80	B	1008	9.53	25.40	22.23	55.56	4.110	14.250	0.8	0.1	PHS 35-2TBH22
		23	77.98	72.90	B	1210	15.88	31.75	25.40	61.91	4.110	14.250	0.8	0.3	PHS 35-2TBH24
		26	84.07	78.99	B	1210	15.88	31.75	25.40	66.68	4.110	14.250	0.9	0.3	PHS 35-2TB26
		30	96.27	91.19	B	1610	12.70	41.28	25.40	79.38	4.110	14.250	0.8	0.4	PHS 35-2TB30
		32	102.36	97.28	B	1610	12.70	41.28	25.40	82.55	4.110	14.250	0.9	0.4	PHS 35-2TB32
		35	111.51	106.17	B	1610	12.70	41.28	25.40	82.55	4.110	14.250	1.0	0.4	PHS 35-2TB35
		40	126.75	121.41	B	1610	12.70	41.28	25.40	82.55	4.110	14.250	1.3	0.4	PHS 35-2TB40
		45	141.99	136.65	B	1610	12.70	41.28	25.40	82.55	4.110	14.250	1.5	0.4	PHS 35-2TB45
		48	151.13	145.54	B	1610	12.70	41.28	25.40	92.08	4.110	14.250	1.6	0.4	PHS 35-2TB48
		54	169.16	163.83	B	1610	12.70	41.28	25.40	92.08	4.110	14.250	1.8	0.4	PHS 35-2TB54
		60	187.45	182.12	B	1610	12.70	41.28	25.40	92.08	4.110	14.250	2.2	0.4	PHS 35-2TB60
		70	217.68	212.34	B	1610	12.70	41.28	25.40	92.08	4.110	14.250	2.9	0.4	PHS 35-2TB70
		80	248.16	242.57	B	1610	12.70	41.28	25.40	92.08	4.110	14.250	3.6	0.4	PHS 35-2TB80
		96	296.67	291.08	B	1610	12.70	41.28	25.40	92.08	4.110	14.250	4.5	0.4	PHS 35-2TB96
		112	345.19	339.60	B	1610	12.70	41.28	25.40	92.08	4.110	14.250	4.9	0.4	PHS 35-2TB112
12.70	1/2	15	67.31	60.96	A	1008	9.53	25.40	22.23	32.15	6.990	21.360	0.2	0.1	PHS 40-2TBH15
		16	71.37	65.02	A	1008	9.53	25.40	22.23	32.15	6.990	21.360	0.3	0.1	PHS 40-2TBH16
		17	75.69	69.09	A	1008	9.53	25.40	22.23	32.15	6.990	21.360	0.3	0.1	PHS 40-2TBH17
		18	79.50	73.15	B	1210	15.88	31.75	25.40	58.74	6.990	21.360	0.3	0.3	PHS 40-2TBH18
		19	83.82	77.22	B	1210	15.88	31.75	25.40	63.50	6.990	21.360	0.4	0.3	PHS 40-2TBH19
		20	87.88	81.28	B	1610	12.70	41.28	25.40	66.68	6.990	21.360	0.4	0.4	PHS 40-2TBH20
		21	91.95	85.34	B	1610	12.70	41.28	25.40	69.85	6.990	21.360	0.5	0.4	PHS 40-2TBH21
		23	100.08	93.22	B	1610	12.70	41.28	25.40	76.20	6.990	21.360	0.6	0.4	PHS 40-2TBH23
		25	108.20	101.35	B	2012	19.05	50.80	31.75	86.52	6.990	21.360	0.7	0.8	PHS 40-2TBH25
		30	128.52	121.41	B	2012	19.05	50.80	31.75	107.55	6.990	21.360	1.5	0.8	PHS 40-2TB30
		36	152.65	145.80	B	2012	19.05	50.80	31.75	130.97	6.990	21.360	2.7	0.8	PHS 40-2TB36
		42	177.04	169.93	C	2517	19.05	63.50	44.45	107.95	6.990	21.360	3.2	1.6	PHS 40-2TB42
		48	201.42	194.06	C	2517	19.05	63.50	44.45	107.95	6.990	21.360	4.4	1.6	PHS 40-2TB48
		52	217.68	210.31	C	2517	19.05	63.50	44.45	107.95	6.990	21.360	5.2	1.6	PHS 40-2TB52
		60	249.94	242.57	C	2517	19.05	63.50	44.45	107.95	6.990	21.360	7.0	1.6	PHS 40-2TB60
		68	282.45	275.08	C	2517	19.05	63.50	44.45	107.95	6.990	21.360	9.3	1.6	PHS 40-2TB68
		76	314.71	307.34	C	2517	19.05	63.50	44.45	107.95	6.990	21.360	11.7	1.6	PHS 40-2TB76
		84	346.96	339.60	C	2517	19.05	63.50	44.45	107.95	6.990	21.360	14.3	1.6	PHS 40-2TB84
		95	391.41	384.05	C	2517	19.05	63.50	44.45	107.95	6.990	21.360	15.5	1.6	PHS 40-2TB95
		102	419.86	412.50	C	2517	19.05	63.50	44.45	107.95	6.990	21.360	16.7	1.6	PHS 40-2TB102
15.88	5/8	14	78.99	71.37	A	1008	9.53	25.40	22.23	–	8.430	26.540	0.4	0.1	PHS 50-2TBH14
		15	84.07	76.45	A	1210	15.88	31.75	25.40	–	8.430	26.540	0.4	0.3	PHS 50-2TBH15
		16	89.41	81.28	A	1210	15.88	31.75	25.40	–	8.430	26.540	0.5	0.3	PHS 50-2TBH16
		17	94.49	86.61	A	1610	12.70	41.28	25.40	–	8.430	26.540	0.5	0.3	PHS 50-2TBH17
		18	99.57	91.44	A	1610	12.70	41.28	25.40	–	8.430	26.540	0.6	0.4	PHS 50-2TBH18
		19	104.65	96.52	A	1610	12.70	41.28	25.40	–	8.430	26.540	0.7	0.4	PHS 50-2TBH19
		20	109.73	101.60	B	2012	19.05	50.80	31.75	82.55	8.430	26.540	0.7	0.8	PHS 50-2TBH20
		21	114.81	106.43	B	2012	19.05	50.80	31.75	88.90	8.430	26.540	0.9	0.8	PHS 50-2TBH21
		25	135.13	126.75	B	2012	19.05	50.80	31.75	108.74	8.430	26.540	1.7	0.8	PHS 50-2TBH25
		30	160.53	151.89	B	2517	19.05	63.50	44.45	134.14	8.430	26.540	3.4	1.6	PHS 50-2TB30
		36	191.01	182.12	C	2517	19.05	63.50	44.45	107.95	8.430	26.540	4.3	1.6	PHS 50-2TB36
		42	221.23	212.34	C	2517	19.05	63.50	44.45	107.95	8.430	26.540	6.1	1.6	PHS 50-2TB42
		48	251.71	242.82	C	2517	19.05	63.50	44.45	107.95	8.430	26.540	8.4	1.6	PHS 50-2TB48
		52	272.03	262.89	C	2517	19.05	63.50	44.45	111.13	8.430	26.540	10.1	1.6	PHS 50-2TB52
		60	312.42	303.28	C	2517	19.05	63.50	44.45	111.13	8.430	26.540	13.7	1.6	PHS 50-2TB60

All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-2TBH19..

ANSI sprockets, duplex, taper bushed

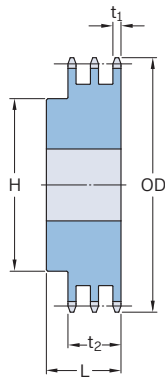
ANSI 50-2 · 15.88 mm (⁵/₈") pitch | ANSI 60-2 · 19.05 mm (³/₄") pitch | ANSI 80-2 · 25.40 mm (1") pitch

Pitch		Number of teeth	Diameters		Type	Bushing number	Dimensions		L	H	Plate thickness		Mass Rim	Bushing	Designation
			Outside OD	Pitch PD			Bore				t ₁	t ₂			
mm	in.	–	mm	–	–	–	mm	Max.	–	–	–	–	kg	–	–
15.88	⁵ / ₈	68	352.81	343.66	C	2517	19.05	63.50	44.45	111.13	8.430	26.540	17.9	1.6	PHS 50-2TB68
		76	393.45	384.05	C	2517	19.05	63.50	44.45	111.13	8.430	26.540	18.7	1.6	PHS 50-2TB76
		84	433.83	424.43	C	2517	19.05	63.50	44.45	111.13	8.430	26.540	20.6	1.6	PHS 50-2TB84
		95	489.46	480.06	C	2517	19.05	63.50	44.45	111.13	8.430	26.540	26.7	1.6	PHS 50-2TB95
		102	524.76	515.62	C	2517	19.05	63.50	44.45	111.13	8.430	26.540	30.4	1.6	PHS 50-2TB102
19.05	³ / ₄	13	88.65	79.50	B	1215	15.88	31.75	38.10	57.15	11.280	34.060	0.5	0.7	PHS 60-2TBH13
		14	95.00	85.60	B	1215	15.88	31.75	38.10	63.50	11.280	34.060	0.7	0.8	PHS 60-2TBH14
		15	101.09	91.69	B	1615	12.70	41.28	38.10	71.44	11.280	34.060	0.6	0.8	PHS 60-2TBH15
		16	107.19	97.54	B	1615	12.70	41.28	38.10	76.20	11.280	34.060	1.0	1.0	PHS 60-2TBH16
		17	113.28	103.63	B	1615	12.70	41.28	38.10	82.55	11.280	34.060	1.1	1.3	PHS 60-2TBH17
		18	119.38	109.73	A	2012	19.05	50.80	31.75	–	11.280	34.060	1.4	1.1	PHS 60-2TBH18
		19	125.73	115.82	A	2012	19.05	50.80	31.75	–	11.280	34.060	1.6	1.3	PHS 60-2TBH19
		20	131.57	121.67	B	2517	19.05	38.10	44.45	100.41	11.280	34.060	1.8	1.3	PHS 60-2TBH20
		21	137.92	127.76	B	2517	19.05	38.10	44.45	106.36	11.280	34.060	2.3	1.7	PHS 60-2TBH21
		25	162.31	126.49	B	2517	19.05	38.10	44.45	130.97	11.280	34.060	3.4	3.4	PHS 60-2TBH25
		30	192.79	182.12	B	2517	19.05	38.10	44.45	161.13	11.280	34.060	6.1	6.0	PHS 60-2TB30
		36	229.11	218.69	C	2517	19.05	38.10	44.45	107.95	11.280	34.060	7.9	7.9	PHS 60-2TB36
		42	265.68	255.02	C	2517	19.05	38.10	44.45	107.95	11.280	34.060	11.6	11.3	PHS 60-2TB42
		45	283.97	273.05	C	2517	19.05	38.10	44.45	107.95	11.280	34.060	13.4	13.3	PHS 60-2TB45
		52	326.39	315.47	C	2517	19.05	38.10	44.45	107.95	11.280	34.060	18.6	18.3	PHS 60-2TB52
		60	374.90	363.98	C1	2517	19.05	38.10	44.45	107.95	11.280	34.060	14.7	15.2	PHS 60-2TB60
		68	423.42	412.50	C1	2517	19.05	38.10	44.45	114.30	11.280	34.060	16.6	19.6	PHS 60-2TB68
		76	471.93	461.01	C1	3020	31.75	76.20	50.80	133.35	11.280	34.060	19.3	21.7	PHS 60-2TB76
		95	587.25	576.07	C1	3020	31.75	76.20	50.80	133.35	11.280	34.060	22.0	31.7	PHS 60-2TB95
25.40	1	13	118.36	106.17	A	1615	12.70	41.28	38.10	–	14.150	43.430	1.5	0.5	PHS 80-2TBH13
		14	126.49	114.05	A	2012	19.05	50.80	31.75	–	14.150	43.430	1.6	0.8	PHS 80-2TBH14
		15	134.62	122.17	A	2012	19.05	50.80	31.75	–	14.150	43.430	2.0	0.8	PHS 80-2TBH15
		16	143.00	130.30	A	2517	19.05	63.50	44.45	79.38	14.150	43.430	1.7	1.6	PHS 80-2TBH16
		17	151.13	138.18	A	2517	19.05	63.50	44.45	79.38	14.150	43.430	2.3	1.6	PHS 80-2TBH17
		18	159.26	146.30	A	2517	19.05	63.50	44.45	79.38	14.150	43.430	2.9	1.6	PHS 80-2TBH18
		19	167.39	154.43	B	3020	31.75	76.20	50.80	127.00	14.150	43.430	2.5	3.0	PHS 80-2TBH19
		20	175.51	162.31	B	3020	31.75	76.20	50.80	133.35	14.150	43.430	3.2	3.0	PHS 80-2TBH20
		21	183.90	170.43	B	3020	31.75	76.20	50.80	141.29	14.150	43.430	4.0	3.0	PHS 80-2TBH21
		25	216.41	202.69	B	3020	31.75	76.20	50.80	174.63	14.150	43.430	7.5	3.0	PHS 80-2TBH25
		30	256.79	243.08	C	3020	31.75	76.20	50.80	133.35	14.150	43.430	11.4	3.0	PHS 80-2TB30
		36	305.56	291.34	C	3020	31.75	76.20	50.80	133.35	14.150	43.430	17.9	3.0	PHS 80-2TB36
		42	354.08	340.11	C	3020	31.75	76.20	50.80	133.35	14.150	43.430	16.5	3.0	PHS 80-2TB42
		45	378.46	364.24	C1	3020	31.75	76.20	50.80	133.35	14.150	43.430	18.8	3.0	PHS 80-2TB45
		52	435.10	420.62	C1	3020	31.75	76.20	50.80	133.35	14.150	43.430	25.5	3.0	PHS 80-2TB52
		60	499.87	485.39	C1	3020	31.75	76.20	50.80	133.35	14.150	43.430	30.1	3.0	PHS 80-2TB60
		68	564.64	549.91	C1	3020	31.75	76.20	50.80	133.35	14.150	43.430	32.7	3.0	PHS 80-2TB68
		76	629.41	614.68	C1	3020	31.75	76.20	50.80	133.35	14.150	43.430	40.4	3.0	PHS 80-2TB76
		95	783.08	768.35	C1	3020	31.75	76.20	50.80	133.35	14.150	43.430	50.8	3.0	PHS 80-2TB95

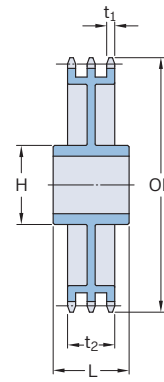
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-2TBH19.

ANSI sprockets, triplex, pilot bore

ANSI 35-3 · 9.53 mm (3/8") pitch | ANSI 40-3 · 12.70 mm (1/2") pitch



Type B



Type C

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions Bore		H	L	Plate thickness		Mass	Designation
					Min.	Max.			t ₁	t ₂		
mm	in.	–	mm	–	mm						kg	–
9.53	3/8	13	44.45	B	12.70	17.46	28.18	44.45	4.110	24.380	0.2	PHS 35-3BH13
		14	47.50	B	12.70	22.23	31.75	44.45	4.110	24.380	0.3	PHS 35-3BH14
		15	50.55	B	12.70	23.81	35.72	44.45	4.110	24.380	0.4	PHS 35-3BH15
		16	53.59	B	12.70	23.81	37.31	44.45	4.110	24.380	0.4	PHS 35-3BH16
		17	56.64	B	12.70	17.46	40.48	44.45	4.110	24.380	0.5	PHS 35-3BH17
		18	59.69	B	12.70	20.64	43.66	44.45	4.110	24.380	0.6	PHS 35-3BH18
		19	62.74	B	12.70	23.81	47.63	44.45	4.110	24.380	0.6	PHS 35-3BH19
		20	65.79	B	19.05	23.81	49.21	47.63	4.110	24.380	0.7	PHS 35-3BH20
		21	68.83	B	19.05	34.93	52.39	47.63	4.110	24.380	0.8	PHS 35-3BH21
		22	71.88	B	19.05	36.51	55.56	47.63	4.110	24.380	0.9	PHS 35-3BH22
		23	74.93	B	19.05	38.10	57.15	47.63	4.110	24.380	1.0	PHS 35-3BH23
		24	77.98	B	19.05	38.10	57.15	47.63	4.110	24.380	1.0	PHS 35-3BH24
		25	81.03	B	19.05	38.10	57.15	47.63	4.110	24.380	1.1	PHS 35-3BH25
		26	84.07	B	19.05	38.10	63.50	47.63	4.110	24.380	1.3	PHS 35-3B26
		30	96.27	B	19.05	44.45	63.50	47.63	4.110	24.380	1.6	PHS 35-3B30
		36	114.55	B	19.05	44.45	63.50	47.63	4.110	24.380	2.1	PHS 35-3B36
		42	132.84	B	19.05	44.45	63.50	47.63	4.110	24.380	2.7	PHS 35-3B42
		48	151.13	B	19.05	44.45	63.50	47.63	4.110	24.380	3.4	PHS 35-3B48
		52	163.32	B	19.05	44.45	63.50	47.63	4.110	24.380	3.9	PHS 35-3B52
		60	187.45	B	19.05	44.45	63.50	47.63	4.110	24.380	5.1	PHS 35-3B60
		68	211.84	B	19.05	60.33	88.90	47.63	4.110	24.380	7.0	PHS 35-3B68
		72	223.77	B	19.05	60.33	88.90	47.63	4.110	24.380	7.9	PHS 35-3B72
		76	235.97	B	19.05	60.33	88.90	47.63	4.110	24.380	8.6	PHS 35-3B76
		84	260.35	B	19.05	60.33	88.90	47.63	4.110	24.380	10.4	PHS 35-3B84
		95	293.62	B	25.40	63.50	95.25	53.98	4.110	24.380	13.3	PHS 35-3B95
		96	296.67	B	25.40	63.50	95.25	53.98	4.110	24.380	13.6	PHS 35-3B96
		102	314.96	B	25.40	63.50	95.25	53.98	4.110	24.380	15.1	PHS 35-3B102
12.70	1/2	11	50.80	B	12.70	19.05	36.51	53.98	6.990	35.740	0.4	PHS 40-3BH11
		12	55.12	B	12.70	23.81	39.69	53.98	6.990	35.740	0.5	PHS 40-3BH12
		13	59.18	B	12.70	25.40	38.10	53.98	6.990	35.740	0.6	PHS 40-3BH13
		14	63.25	B	12.70	28.58	42.86	53.98	6.990	35.740	0.7	PHS 40-3BH14
		15	67.31	B	12.70	31.75	46.04	53.98	6.990	35.740	0.8	PHS 40-3BH15
		16	71.37	B	15.88	34.93	50.80	53.98	6.990	35.740	0.9	PHS 40-3BH16
		17	75.69	B	15.88	36.51	53.98	53.98	6.990	35.740	1.1	PHS 40-3BH17
		18	79.76	B	15.88	38.10	58.74	53.98	6.990	35.740	1.2	PHS 40-3BH18
		19	83.82	B	15.88	44.45	63.50	53.98	6.990	35.740	1.4	PHS 40-3BH19
		20	87.88	B	15.88	47.63	66.68	57.15	6.990	35.740	1.7	PHS 40-3BH20
		21	91.95	B	15.88	47.63	69.85	57.15	6.990	35.740	1.8	PHS 40-3BH21
		22	96.01	B	15.88	47.63	73.03	57.15	6.990	35.740	2.1	PHS 40-3BH22
		23	100.08	B	15.88	50.80	76.20	57.15	6.990	35.740	2.3	PHS 40-3BH23
		24	104.14	B	15.88	57.15	82.55	57.15	6.990	35.740	2.6	PHS 40-3BH24
		25	108.20	B	15.88	57.15	82.55	57.15	6.990	35.740	2.7	PHS 40-3BH25
		26	112.27	B	15.88	57.15	82.55	57.15	6.990	35.740	2.9	PHS 40-3B26
		30	128.52	B	22.23	57.15	82.55	57.15	6.990	35.740	3.6	PHS 40-3B30
		35	148.84	B	22.23	57.15	82.55	57.15	6.990	35.740	4.7	PHS 40-3B35
		36	152.91	B	23.81	63.50	95.25	60.33	6.990	35.740	5.3	PHS 40-3B36
		42	177.04	B	23.81	63.50	95.25	60.33	6.990	35.740	7.0	PHS 40-3B42
		48	201.42	B	23.81	63.50	95.25	60.33	6.990	35.740	8.8	PHS 40-3B48
		52	217.68	B	23.81	63.50	95.25	60.33	6.990	35.740	10.2	PHS 40-3B52
		60	249.94	B	23.81	63.50	95.25	60.33	6.990	35.740	13.6	PHS 40-3B60
		68	282.45	B	30.16	69.85	101.60	66.68	6.990	35.740	17.4	PHS 40-3B68
		72	298.45	B	30.16	69.85	101.60	66.68	6.990	35.740	19.3	PHS 40-3B72

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
 All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
 For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-3BH13.

ANSI sprockets, triplex, pilot bore

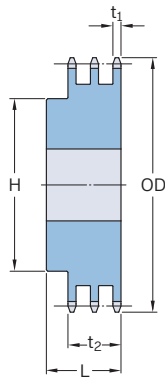
ANSI 40-3 · 12.70 mm (1/2") pitch | ANSI 50-3 · 15.88 mm (5/8") pitch | ANSI 60-3 · 19.05 mm (3/4") pitch | ANSI 80-3 · 25.40 mm (1") pitch

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions Bore		H	L	Plate thickness		Mass	Designation
					Min.	Max.			t ₁	t ₂		
mm	in.	–	mm	–	mm						kg	–
12.70	1/2	76	314.71	B	30.16	69.85	101.60	66.68	6.990	35.740	21.3	PHS 40-3B76
		84	346.96	B	30.16	69.85	107.95	69.85	6.990	35.740	26.0	PHS 40-3B84
		95	391.41	B	30.16	69.85	107.95	69.85	6.990	35.740	28.2	PHS 40-3B95
		102	419.86	B	30.16	69.85	107.95	69.85	6.990	35.740	31.0	PHS 40-3B102
15.88	5/8	11	63.50	B	15.88	23.81	37.31	63.50	8.430	44.650	0.6	PHS 50-3BH11
		12	68.83	B	15.88	28.58	42.86	63.50	8.430	44.650	0.8	PHS 50-3BH12
		13	73.91	B	15.88	33.34	47.63	63.50	8.430	44.650	1.0	PHS 50-3BH13
		14	78.99	B	15.88	34.93	52.39	63.50	8.430	44.650	1.2	PHS 50-3BH14
		15	84.33	B	19.05	38.10	58.74	63.50	8.430	44.650	1.5	PHS 50-3BH15
		16	89.41	B	19.05	44.45	63.50	63.50	8.430	44.650	1.7	PHS 50-3BH16
		17	94.49	B	19.05	47.63	68.26	63.50	8.430	44.650	2.0	PHS 50-3BH17
		18	99.57	B	19.05	49.21	74.61	63.50	8.430	44.650	2.3	PHS 50-3BH18
		19	104.65	B	25.40	53.98	79.38	63.50	8.430	44.650	2.5	PHS 50-3BH19
		20	109.73	B	25.40	57.15	82.55	66.68	8.430	44.650	2.9	PHS 50-3BH20
		21	114.81	B	25.40	60.33	88.90	66.68	8.430	44.650	3.4	PHS 50-3BH21
		22	119.89	B	25.40	60.33	90.49	66.68	8.430	44.650	3.6	PHS 50-3BH22
		23	124.97	B	25.40	63.50	92.08	66.68	8.430	44.650	4.0	PHS 50-3BH23
		24	130.05	B	25.40	63.50	92.08	66.68	8.430	44.650	4.3	PHS 50-3BH24
		25	135.13	B	25.40	63.50	92.08	66.68	8.430	44.650	4.6	PHS 50-3BH25
		26	140.21	B	25.40	63.50	95.25	66.68	8.430	44.650	5.0	PHS 50-3B26
		30	160.53	B	25.40	63.50	95.25	66.68	8.430	44.650	6.5	PHS 50-3B30
		35	185.93	B	25.40	63.50	95.25	66.68	8.430	44.650	8.6	PHS 50-3B35
		36	191.01	B	30.16	69.85	101.60	69.85	8.430	44.650	9.3	PHS 50-3B36
		42	221.49	B	30.16	69.85	101.60	69.85	8.430	44.650	12.5	PHS 50-3B42
		48	251.71	B	30.16	69.85	101.60	79.38	8.430	44.650	16.6	PHS 50-3B48
		52	272.03	B	30.16	69.85	101.60	79.38	8.430	44.650	19.3	PHS 50-3B52
		60	312.42	B	33.34	76.20	114.30	79.38	8.430	44.650	25.8	PHS 50-3B60
		68	352.81	B	33.34	76.20	114.30	79.38	8.430	44.650	33.2	PHS 50-3B68
		72	373.13	C	33.34	76.20	120.65	88.90	8.430	44.650	24.7	PHS 50-3C72
		76	393.45	C	33.34	76.20	120.65	88.90	8.430	44.650	23.2	PHS 50-3C76
		84	433.83	C	33.34	76.20	120.65	88.90	8.430	44.650	29.6	PHS 50-3C84
		95	489.46	C	33.34	76.20	120.65	95.25	8.430	44.650	33.8	PHS 50-3C95
		102	524.76	C	33.34	76.20	120.65	95.25	8.430	44.650	36.3	PHS 50-3C102
19.05	3/4	11	76.20	B	25.40	31.75	46.04	76.20	11.280	56.850	1.1	PHS 60-3BH11
		12	82.55	B	25.40	36.51	53.98	76.20	11.280	56.850	1.5	PHS 60-3BH12
		13	88.65	B	25.40	38.10	57.15	76.20	11.280	56.850	1.8	PHS 60-3BH13
		14	95.00	B	25.40	44.45	63.50	76.20	11.280	56.850	2.0	PHS 60-3BH14
		15	101.09	B	25.40	47.63	71.44	76.20	11.280	56.850	2.5	PHS 60-3BH15
		16	107.19	B	25.40	50.80	76.20	76.20	11.280	56.850	3.0	PHS 60-3BH16
		17	113.28	B	25.40	57.15	82.55	76.20	11.280	56.850	3.5	PHS 60-3BH17
		18	119.38	B	25.40	60.33	88.90	76.20	11.280	56.850	3.9	PHS 60-3BH18
		19	125.73	B	25.40	63.50	93.66	76.20	11.280	56.850	4.5	PHS 60-3BH19
		20	131.83	B	25.40	63.50	95.25	76.20	11.280	56.850	5.1	PHS 60-3BH20
		21	137.92	B	25.40	69.85	104.78	76.20	11.280	56.850	5.7	PHS 60-3BH21
		22	144.02	B	25.40	69.85	107.95	76.20	11.280	56.850	6.0	PHS 60-3BH22
		23	150.11	B	25.40	69.85	107.95	76.20	11.280	56.850	6.6	PHS 60-3BH23
		24	156.21	B	25.40	69.85	107.95	76.20	11.280	56.850	7.2	PHS 60-3BH24
		25	162.31	B	25.40	69.85	107.95	76.20	11.280	56.850	7.7	PHS 60-3BH25
		26	168.40	B	25.40	69.85	107.95	76.20	11.280	56.850	8.4	PHS 60-3B26
		30	192.79	B	25.40	69.85	107.95	76.20	11.280	56.850	10.5	PHS 60-3B30
		35	223.01	B	31.75	76.20	114.30	82.55	11.280	56.850	15.7	PHS 60-3B35
		36	229.11	B	31.75	76.20	114.30	82.55	11.280	56.850	16.8	PHS 60-3B36
		42	265.68	B	31.75	82.55	120.65	92.08	11.280	56.850	22.2	PHS 60-3B42
		45	283.97	B	31.75	82.55	120.65	92.08	11.280	56.850	25.9	PHS 60-3B45
		52	326.39	C	31.75	82.55	120.65	88.90	11.280	56.850	33.1	PHS 60-3C52
		60	374.90	C	31.75	82.55	120.65	88.90	11.280	56.850	28.6	PHS 60-3C60
		68	423.42	C	31.75	82.55	127.00	88.90	11.280	56.850	33.1	PHS 60-3C68
		72	447.80	C	31.75	82.55	127.00	88.90	11.280	56.850	38.6	PHS 60-3C72
		76	471.93	C	38.10	95.25	139.70	88.90	11.280	56.850	37.2	PHS 60-3C76
		95	587.25	C	38.10	95.25	139.70	101.60	11.280	56.850	47.6	PHS 60-3C95
25.40	1	11	101.85	B	25.40	44.45	63.50	92.08	14.150	72.720	2.7	PHS 80-3BH11
		12	109.98	B	25.40	47.63	72.23	92.08	14.150	72.720	3.4	PHS 80-3BH12
		13	118.36	B	25.40	57.15	80.17	92.08	14.150	72.720	4.2	PHS 80-3BH13
		14	126.49	B	25.40	60.33	88.11	92.08	14.150	72.720	5.0	PHS 80-3BH14
		15	134.62	B	25.40	63.50	96.44	92.08	14.150	72.720	5.9	PHS 80-3BH15
		16	143.00	B	25.40	69.85	101.60	98.43	14.150	72.720	7.2	PHS 80-3BH16
		17	151.13	B	25.40	76.20	112.32	98.43	14.150	72.720	8.4	PHS 80-3BH17
		18	159.26	B	25.40	82.55	120.25	98.43	14.150	72.720	9.6	PHS 80-3BH18
		19	167.39	B	25.40	84.14	127.00	98.43	14.150	72.720	10.8	PHS 80-3BH19
		20	175.51	B	25.40	84.14	127.00	98.43	14.150	72.720	11.8	PHS 80-3BH20

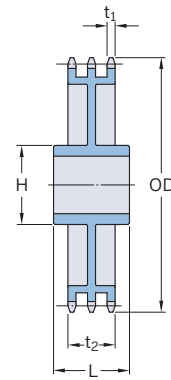
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.
All Type B or C sprockets, up to and including 25 tooth, are with hardened teeth as standard.
For any additional size sprockets with hardened teeth, add "H" before the number of teeth, e.g. PHS 35-3BH13.

ANSI sprockets, triplex, pilot bore

ANSI 80-3 · 25.40 mm (1") pitch | ANSI 100-3 · 31.75 mm (1 1/4") pitch



Type B



Type C

Pitch		Number of teeth	Outside diameter OD	Type	Dimensions Bore		H	L	Plate thickness		Mass	Designation
					Min.	Max.			t ₁	t ₂		
mm	in.	–	mm	–	mm						kg	–
25.40	1	21	183.90	B	25.40	84.14	127.00	98.43	14.150	72.720	12.9	PHS 80-3BH21
		22	192.02	B	25.40	84.14	127.00	98.43	14.150	72.720	14.1	PHS 80-3BH22
		23	200.15	B	25.40	84.14	127.00	98.43	14.150	72.720	15.2	PHS 80-3BH23
		24	208.28	B	25.40	88.90	133.35	98.43	14.150	72.720	16.8	PHS 80-3BH24
		25	216.41	B	25.40	88.90	133.35	98.43	14.150	72.720	18.2	PHS 80-3BH25
		26	224.54	B	25.40	88.90	133.35	98.43	14.150	72.720	19.5	PHS 80-3B26
		30	256.79	B	31.75	95.25	146.05	107.95	14.150	72.720	24.7	PHS 80-3B30
		35	297.43	B	31.75	95.25	146.05	107.95	14.150	72.720	36.1	PHS 80-3B35
		36	305.56	B	31.75	95.25	146.05	107.95	14.150	72.720	38.1	PHS 80-3B36
		42	354.08	C	31.75	96.84	152.40	114.30	14.150	72.720	38.5	PHS 80-3C42
		45	378.46	C	31.75	96.84	152.40	114.30	14.150	72.720	41.9	PHS 80-3C45
		52	435.10	C	38.10	96.84	152.40	114.30	14.150	72.720	48.5	PHS 80-3C52
		60	499.87	C	38.10	107.95	158.75	120.65	14.150	72.720	58.1	PHS 80-3C60
		68	564.64	C	38.10	107.95	158.75	120.65	14.150	72.720	63.5	PHS 80-3C68
		76	629.41	C	38.10	107.95	158.75	120.65	14.150	72.720	74.8	PHS 80-3C76
		95	783.08	C	38.10	114.30	171.45	127.00	14.150	72.720	108.9	PHS 80-3C95
31.75	1 1/4	11	127.25	B	25.40	53.98	79.38	107.95	16.990	88.520	5.3	PHS 100-3BH11
		12	137.67	B	28.58	57.15	85.73	107.95	16.990	88.520	6.2	PHS 100-3BH12
		13	147.83	B	28.58	63.50	96.84	107.95	16.990	88.520	7.7	PHS 100-3BH13
		14	158.24	B	28.58	69.85	106.36	107.95	16.990	88.520	9.2	PHS 100-3BH14
		15	168.40	B	31.75	79.38	117.48	114.30	16.990	88.520	11.3	PHS 100-3BH15
		16	178.56	B	31.75	84.14	127.00	114.30	16.990	88.520	13.3	PHS 100-3BH16
		17	188.98	B	31.75	88.90	133.35	114.30	16.990	88.520	15.3	PHS 100-3BH17
		18	199.14	B	31.75	88.90	133.35	120.65	16.990	88.520	17.5	PHS 100-3BH18
		19	209.30	B	31.75	95.25	139.70	120.65	16.990	88.520	19.6	PHS 100-3BH19
		20	219.46	B	31.75	95.25	139.70	120.65	16.990	88.520	21.7	PHS 100-3BH20
		21	229.62	B	31.75	95.25	139.70	120.65	16.990	88.520	23.7	PHS 100-3BH21
		22	239.78	B	31.75	95.25	139.70	120.65	16.990	88.520	26.1	PHS 100-3BH22
		23	249.94	B	31.75	95.25	139.70	120.65	16.990	88.520	28.4	PHS 100-3BH23
		24	260.35	B	31.75	95.25	146.05	120.65	16.990	88.520	31.3	PHS 100-3BH24
		25	270.51	B	31.75	95.25	146.05	120.65	16.990	88.520	33.1	PHS 100-3BH25
		26	280.67	B	38.10	96.84	146.05	120.65	16.990	88.520	35.8	PHS 100-3B26
		30	321.06	B	38.10	96.84	146.05	120.65	16.990	88.520	46.7	PHS 100-3B30
		35	371.86	C	38.10	101.60	152.40	127.00	16.990	88.520	49.0	PHS 100-3C35
		45	473.20	C	38.10	101.60	152.40	127.00	16.990	88.520	64.9	PHS 100-3C45
		60	624.84	C	38.10	136.53	190.50	127.00	16.990	88.520	98.4	PHS 100-3C60
		70	725.93	C	38.10	136.53	190.50	127.00	16.990	88.520	118.8	PHS 100-3C70
		80	827.28	C	38.10	136.53	190.50	127.00	16.990	88.520	142.0	PHS 100-3C80

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Pulleys



Wedge belt pulleys 274



Classical V-belt pulleys 292



QD Classical V-belt pulley 300



Narrow wedge belt pulleys 309



QD Narrow wedge belt pulleys 316



HTD pulleys 325



Classical timing pulleys 337



Metric timing pulleys 349

F

SKF Pulleys

SKF pulley range nomenclature has a defined prefix of PHP. All pulleys are made to be applied to standardized belts. SKF pulleys conform to conventional basic belt part number format – ISO, BS, or DIN.

Pulleys – V-belts

The pulley range designation from SKF has the following is an example to indicate set up.

SKF Designation prefix	PHP	4	SPB	800	TB	5040
Groove number _____ The number of grooves on the pulley						
Belt type _____ Belt section being applied to the pulley Conforms with standards for dimensions for groove profile						
Pulley diameter _____ Pitch circle pulley dimension Wedge belt pulley – millimetres (mm) Classical and Narrow wedge – 1/10 inch						
Shaft fixing type _____ Taper bushing – TB standard catalogue taper bush applied QD – designation of bushing series e.g. M Rough stock bore – RSB						
Supplementary _____ Possible other options and special requirements Non standard bushing size – e.g 5040 Bore to size – X125MM						

Pulleys (PHP Product Group)

Classical and trapezoidal inch pitch timing pulleys (MXL, XL, L, H, XH, XXH) are manufactured according to ISO 5294.

Metric pitch series timing pulleys (T/AT) are manufactured according to DIN 7721.

All SKF V-belt pulleys are manufactured to the standards ISO 4183, DIN 2211, ANSI Narrow V-belt pulley IP-22 and the ANSI Classical V-belt pulley IP-20. They are interchangeable with type SPA, SPB, SPC and SPZ. The pulleys are made from cast iron G3000, according to American standard SAEJ431AVG96.

The following are typical specifications of G3000:

- Tensile strength = 207 MPa
- Hardness = HB 187-241
- Chemical composition C 3.1-3.4 %, Si 1.9-2.3 %, Mn 0.6-0.9 %, S = 0.15 %, P = 0.15%

After being machined, pulleys are phosphated and treated with a rustproof oil.

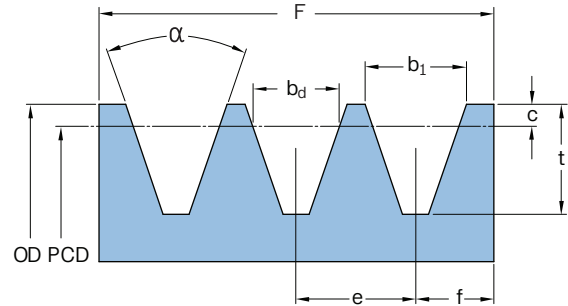
All pulleys are statically balanced to G6.3 according to ISO 1940. After balanced the pulleys are suitable for the linear speed of not more than 33m/s (6 500 fpm). Two Plane (Dynamic) balancing can be provided on request. SKF can issue a certificate stating that all pulleys are dynamically balanced in case of any special customer request.

Standard pulley groove dimensions DIN2211/1 and BS3970

Classical V-belt pulleys | Narrow Wedge V-belt pulleys (DIN / BS / ISO) | Narrow wedge belt pulleys (RMA)

Nomenclature:

- a Pulley groove included angle (°)
- OD Outside diameter
- PCD Effective (pitch) diameter
- bd Effective width at pitch line
- b1 Groove top width
- c Distance from pitch to outside diameter (= OD - PCD/2)
- e Transverse pitch of grooves (to centers)
- f Minimum recommended distance from edge of pulley to center of first groove
- t Total groove depth



Classical V-belt pulleys

Classical belt series	Pitch diameter range	Groove angle	Dimensions				
		α	b ₁	b _d	t	c	e
—	mm	°	mm				
13/A-17/B	85–170	34	15.55	15.88	19.05	4.45	12.70
	Over 170	38	22.33	15.88	19.05	4.45	12.70
22/C	178–203	34	22.53	19.81	25.40	5.08	17.48
	203–305	36	22.73	19.81	25.40	5.08	17.48
	Over 305	38	31.98	19.81	25.40	5.08	17.48
32/D	305–330	34	32.28	26.67	36.53	7.62	22.23
	330–432	36	32.59	26.67	36.53	7.62	22.23
	Over 432	38	38.79	26.67	36.53	7.62	22.23
40/E	457–610	36	39.17	33.02	44.45	10.16	31.24
	Over 610	38		33.02	44.45	10.16	31.24

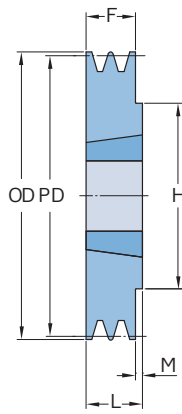
Narrow Wedge V-belt pulleys (DIN / BS / ISO)

Classical belt series	Pitch diameter range	Groove angle	Dimensions					
		α	b ₁	b _d	t(+0.6/−0.0)	c	e	f
—	mm	°	mm					
SPZ	Up to and incl. 80	34	9.7	8.5	11.00	2.00	12.0 ± 0.3	8.0
	Over 80	38	9.7	8.5	11.00	2.00	12.0 ± 0.3	8.0
SPA	Up to and incl. 118	34	12.7	11.0	14.00	2.80	15.0 ± 0.3	10.0
	Over 118	38	12.7	11.0	14.00	2.80	15.0 ± 0.3	10.0
SPB	Up to and incl. 190	34	16.2	14.4	18.00	3.50	19.0 ± 0.4	12.5
	Over 190	38	16.2	14.4	18.00	3.50	19.0 ± 0.4	12.5
SPC	Up to and incl. 315	34	22.0	19.0	24.00	4.80	25.5 ± 0.5	17.0
	Over 315	38	22.0	19.0	24.00	4.80	25.5 ± 0.5	17.0

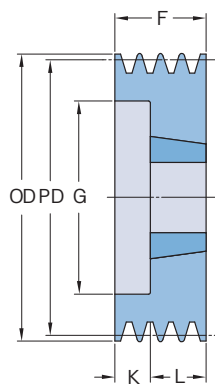
Narrow wedge belt pulleys (RMA)

RMA Belt series	Pitch diameter range	Groove angle	Dimensions					
		aaa	b ₁	b _d	t	c	e	f
–	mm	°	mm					
3V, 3VX	Up to and incl. 90	36	8.89	8.89	8.64	0.64	10.3 ± 0.4	8.74
	Over 90–150	38	8.89	8.89	8.64	0.64	10.3 ± 0.4	8.74
	Over 150–305	40	8.89	8.89	8.64	0.64	10.3 ± 0.4	8.74
	Over 305	42	8.89	8.89	8.64	0.64	10.3 ± 0.4	8.74
5V, 5VX	Over 140–255	38	15.24	12.70	14.98	1.27	17.5 ± 0.4	3.20
	Over 255–405	40	15.24	12.70	14.98	1.27	17.5 ± 0.4	3.20
	Over 405	42	15.24	12.70	14.98	1.27	17.5 ± 0.4	3.20
8V, 8VX	Over 315–405	38	25.40	25.40	25.15	2.54	28.6 ± 0.4	6.40
	Over 405–570	40	25.40	25.40	25.15	2.54	28.6 ± 0.4	6.40
	Over 570	42	25.40	25.40	25.15	2.54	28.6 ± 0.4	6.40

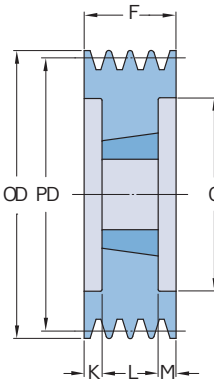
Wedge belt pulleys
SPZ taper bushed



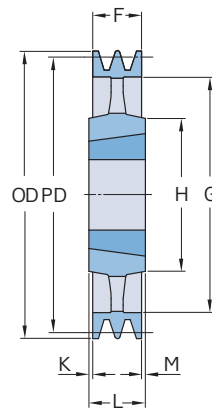
Type 1



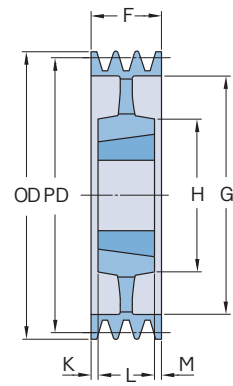
Type 2



Type 3



Type 4

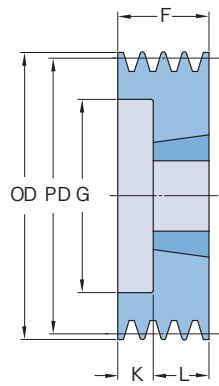


Type 5

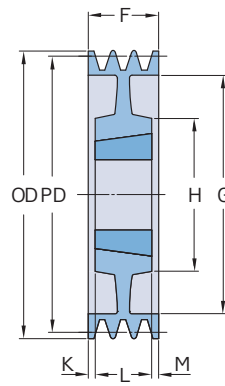
Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		Outer diameter OD	B Min.	Max.	F	G	K	L	M	H	Mass ¹⁾	Designation
–	–	mm	–	–	mm											kg	–
SPZ	1	50	9	1008	54.0	9	25	37	28	12.0	22	–	–	–	–	0.3	PHP 1SPZ50TB
		56	9	1008	60.0	9	25	37	23	12.0	22	–	–	–	–	0.5	PHP 1SPZ56TB
		60	1	1008	64.0	9	25	22	–	–	22	–	–	–	–	0.3	PHP 1SPZ60TB
		63	1	1108	67.0	9	28	16	–	–	22	6.0	62	–	–	0.3	PHP 1SPZ63TB
		67	1	1108	71.0	9	28	16	–	–	22	6.0	62	–	–	0.3	PHP 1SPZ67TB
		71	1	1108	75.0	9	28	16	–	–	22	6.0	62	–	–	0.4	PHP 1SPZ71TB
		75	1	1108	79.0	9	28	16	–	–	22	6.0	62	–	–	0.4	PHP 1SPZ75TB
		80	1	1210	84.0	11	32	16	–	–	25	9.0	75	–	–	0.5	PHP 1SPZ80TB
		85	1	1210	89.0	11	32	16	–	–	25	9.0	75	–	–	0.7	PHP 1SPZ85TB
		90	1	1210	94.0	11	32	16	–	–	25	9.0	75	–	–	0.7	PHP 1SPZ90TB
		95	1	1210	99.0	11	32	16	–	–	25	9.0	75	–	–	0.8	PHP 1SPZ95TB
		100	1	1210	104.0	11	32	16	–	–	25	9.0	75	–	–	0.9	PHP 1SPZ100TB
		106	1	1610	110.0	14	42	16	–	–	25	9.0	80	–	–	1.0	PHP 1SPZ106TB
		112	1	1610	116.0	14	42	16	–	–	25	9.0	80	–	–	1.1	PHP 1SPZ112TB
		118	1	1610	122.0	14	42	16	–	–	25	9.0	80	–	–	1.2	PHP 1SPZ118TB
		125	1	1610	129.0	14	42	16	–	–	25	9.0	80	–	–	1.3	PHP 1SPZ125TB
		132	1	1610	136.0	14	42	16	–	–	25	9.0	80	–	–	1.5	PHP 1SPZ132TB
		140	1	1610	144.0	14	42	16	–	–	25	9.0	80	–	–	1.7	PHP 1SPZ140TB
		150	1	1610	154.0	14	42	16	–	–	25	9.0	80	–	–	2.0	PHP 1SPZ150TB
		160	1	1610	164.0	14	42	16	–	–	25	9.0	80	–	–	2.2	PHP 1SPZ160TB
		170	1	1610	174.0	14	42	16	–	–	25	9.0	80	–	–	2.2	PHP 1SPZ170TB
		180	4	1610	184.0	14	42	16	152	–	25	9.0	92	–	–	2.1	PHP 1SPZ180TB
		190	4	1610	194.0	14	42	16	161	–	25	9.0	92	–	–	2.7	PHP 1SPZ190TB
		200	4	2012	204.0	14	50	16	172	–	32	16.0	100	–	–	3.4	PHP 1SPZ200TB
		224	4	2012	228.0	14	50	16	196	–	32	16.0	100	–	–	3.6	PHP 1SPZ224TB
		236	4	2012	240	14	50	16	207	8	32	8	112	–	–	3.11	PHP 1SPZ236TB
		250	4	2012	254.0	14	50	16	222	8.0	32	8.0	100	–	–	4.6	PHP 1SPZ250TB
		280	4	2012	284.0	14	50	16	252	8.0	32	8.0	100	–	–	5.5	PHP 1SPZ280TB
		315	4	2012	319.0	14	50	16	287	8.0	32	8.0	100	–	–	6.7	PHP 1SPZ315TB
		335	4	2012	339	14	50	16	306	8	32	8	112	–	–	4.55	PHP 1SPZ335TB
		355	4	2012	359.0	14	50	16	326	8.0	32	8.0	112	–	–	6.8	PHP 1SPZ355TB
		400	4	2012	404.0	14	50	16	371	8.0	32	8.0	112	–	–	6.9	PHP 1SPZ400TB
		450	4	2517	454.0	16	60	16	421	14.5	45	14.5	120	–	–	7.2	PHP 1SPZ450TB
		500	4	2517	504	16	60	16	471	14.5	45	14.5	124	–	–	8.5	PHP 1SPZ500TB
SPZ	2	50	9	1008	54.0	9	25	49	28	25.0	22	–	–	–	–	0.4	PHP 2SPZ50TB
		56	9	1008	60.0	9	25	49	35	27.0	22	–	–	–	–	0.5	PHP 2SPZ56TB
		60	9	1108	64.0	9	25	49	36	27.0	22	–	–	–	–	0.7	PHP 2SPZ60TB
		63	6	1108	67.0	9	28	28	40	6.0	22	–	–	–	–	0.3	PHP 2SPZ63TB
		67	6	1108	71.0	9	28	28	42	6.0	22	–	–	–	–	0.4	PHP 2SPZ67TB
		71	6	1108	75.0	9	28	28	42	6.0	22	–	–	–	–	0.5	PHP 2SPZ71TB
		75	6	1210	79.0	11	32	28	51	3.0	25	–	–	–	–	0.5	PHP 2SPZ75TB
		80	6	1210	84.0	11	32	28	51	3.0	25	–	–	–	–	0.6	PHP 2SPZ80TB
		85	6	1610	89.0	14	42	28	60	3.0	25	–	–	–	–	0.6	PHP 2SPZ85TB
		90	6	1610	94.0	14	42	28	61	3.0	25	–	–	–	–	0.7	PHP 2SPZ90TB
		95	6	1610	99.0	14	42	28	66	3.0	25	–	–	–	–	0.8	PHP 2SPZ95TB
		100	6	1610	104.0	14	42	28	71	3.0	25	–	–	–	–	0.9	PHP 2SPZ100TB
		106	6	1610	110.0	14	42	28	76	3.0	25	–	–	–	–	1.1	PHP 2SPZ106TB
		112	6	1610	116.0	14	42	28	84	3.0	25	–	–	–	–	1.3	PHP 2SPZ112TB
		118	6	1610	122.0	14	42	28	90	3.0	25	–	–	–	–	1.5	PHP 2SPZ118TB
		125	6	1610	129.0	14	42	28	97	3.0	25	–	–	–	–	1.7	PHP 2SPZ125TB
		132	6	1610	136.0	14	42	28	104	3.0	25	–	–	–	–	2.0	PHP 2SPZ132TB
		140	6	1610	144.0	14	42	28	112	3.0	25	–	–	–	–	2.4	PHP 2SPZ140TB
		150	1	2012	154.0	14	50	28	–	–	32	4.0	100	–	–	2.6	PHP 2SPZ150TB
		160	1	2012	164.0	14	50	28	–	–	32	4.0	100	–	–	3.1	PHP 2SPZ160TB

¹⁾ Mass does not include bushings.
Non-functional dimensions may vary slightly.

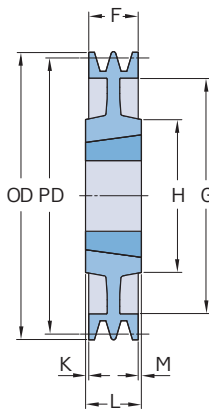
Wedge belt pulleys
SPZ taper bushed



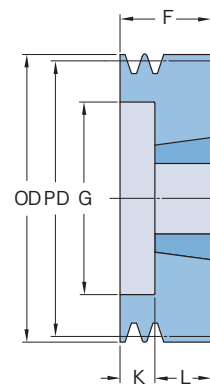
Type 6



Type 7



Type 8

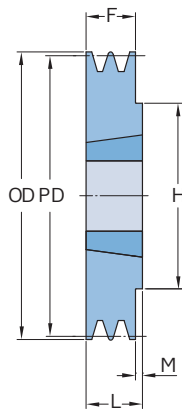


Type 9

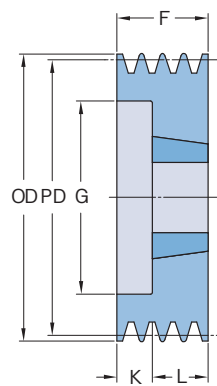
Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		Max.	F	G	K	L	M	H	Mass ¹⁾	Designation
		mm			Outer diameter OD	B Min.									
–	–	mm	–	–	mm									kg	–
SPZ	2	170	1	2012	174.0	14	50	28	–	–	32	4.0	100	2.8	PHP 2SPZ170TB
		180	8	2012	184.0	14	50	28	152	–	32	4.0	100	2.9	PHP 2SPZ180TB
		190	8	2012	194.0	14	50	28	161	–	32	4.0	100	3.1	PHP 2SPZ190TB
		200	4	2012	204.0	14	50	28	171	–	32	4.0	100	3.4	PHP 2SPZ200TB
		212	4	2012	216	14	50	28	183	–	32	4	112	4.32	PHP 2SPZ212TB
		224	4	2012	228.0	14	50	28	196	–	32	4.0	100	4.5	PHP 2SPZ224TB
		250	4	2012	254.0	14	50	28	222	2.0	32	2.0	100	5.4	PHP 2SPZ250TB
		280	4	2012	284.0	14	50	28	252	2.0	32	2.0	100	6.2	PHP 2SPZ280TB
		300	4	2012	304	14	50	28	271	2	32	2	112	5.37	PHP 2SPZ300TB
		315	4	2012	319.0	14	50	28	286	2.0	32	2.0	100	7.2	PHP 2SPZ315TB
		335	4	2012	339	14	50	28	306	2	32	2	112	6.03	PHP 2SPZ335TB
		355	4	2012	359.0	14	50	28	326	2.0	32	2.0	112	8.6	PHP 2SPZ355TB
		375	4	2012	379	14	50	28	346	2	32	2	112	7.08	PHP 2SPZ375TB
		400	4	2517	404.0	16	60	28	371	8.5	45	8.5	120	9.9	PHP 2SPZ400TB
		450	4	2517	454.0	16	60	28	421	8.5	45	8.5	120	11.2	PHP 2SPZ450TB
		500	4	2517	504	16	60	28	471	8.5	45	8.5	125	10.25	PHP 2SPZ500TB
		630	4	3020	634	25	75	28	601	11.5	51	11.5	146	15.6	PHP 2SPZ630TB
SPZ	3	63	6	1108	67.0	9	28	40	40	18.0	22	–	–	0.4	PHP 3SPZ63TB
		67	6	1108	71.0	9	28	40	42	18.0	22	–	–	0.5	PHP 3SPZ67TB
		71	6	1108	75.0	9	28	40	42	18.0	22	–	–	0.6	PHP 3SPZ71TB
		75	6	1210	79.0	11	32	40	48	15.0	25	–	–	0.7	PHP 3SPZ75TB
		80	6	1210	84.0	11	32	40	51	15.0	25	–	–	0.7	PHP 3SPZ80TB
		85	6	1610	89.0	14	42	40	60	15.0	25	–	–	0.8	PHP 3SPZ85TB
		90	6	1610	94.0	14	42	40	61	15.0	25	–	–	0.9	PHP 3SPZ90TB
		95	6	1610	99.0	14	42	40	66	15.0	25	–	–	1.0	PHP 3SPZ95TB
		100	6	1610	104.0	14	42	40	71	15.0	25	–	–	1.1	PHP 3SPZ100TB
		106	6	1610	110.0	14	42	40	78	15.0	25	–	–	1.4	PHP 3SPZ106TB
		112	6	2012	116.0	14	50	40	84	8.0	32	–	–	1.4	PHP 3SPZ112TB
		118	6	2012	122.0	14	50	40	92	8.0	32	–	–	1.7	PHP 3SPZ118TB
		125	2	2012	129.0	14	50	40	97	–	32	8.0	–	2.0	PHP 3SPZ125TB
		132	2	2012	136.0	14	50	40	104	–	32	8.0	–	2.3	PHP 3SPZ132TB
		140	2	2012	144.0	14	50	40	112	–	32	8.0	–	2.7	PHP 3SPZ140TB
		150	2	2012	154.0	14	50	40	122	–	32	8.0	–	3.3	PHP 3SPZ150TB
		160	2	2012	164.0	14	50	40	132	–	32	8.0	–	3.9	PHP 3SPZ160TB
		170	3	2012	174.0	14	50	40	141	4.0	32	4.0	–	3.2	PHP 3SPZ170TB
		180	7	2012	184.0	14	50	40	152	–	32	8.0	100	3.4	PHP 3SPZ180TB
		190	7	2012	194.0	14	50	40	161	4.0	32	4.0	100	3.4	PHP 3SPZ190TB
		200	5	2012	204.0	14	50	40	172	4.0	32	4.0	100	3.9	PHP 3SPZ200TB
		212	5	2012	216	14	50	40	183	4	32	4	112	4.3	PHP 3SPZ212TB
		224	5	2012	228.0	14	50	40	196	4.0	32	4.0	100	5.4	PHP 3SPZ224TB
		236	5	2012	240	14	50	40	207	4	32	4	112	5	PHP 3SPZ236TB
		250	5	2012	254.0	14	50	40	222	4.0	32	4.0	100	6.4	PHP 3SPZ250TB
		265	4	2517	269	16	60	40	236	2.5	45	2.5	124	6.1	PHP 3SPZ265TB
		280	4	2517	284.0	16	60	40	252	2.5	45	2.5	120	8.3	PHP 3SPZ280TB
		315	4	2517	319.0	16	60	40	287	2.5	45	2.5	120	10.1	PHP 3SPZ315TB
		335	4	2517	339	16	60	40	306	2.5	45	2.5	124	7.99	PHP 3SPZ335TB
		355	4	2517	359.0	16	60	40	326	2.5	45	2.5	120	11.7	PHP 3SPZ355TB
		400	4	2517	404.0	16	60	40	371	2.5	45	2.5	120	13.3	PHP 3SPZ400TB
		450	4	2517	454.0	16	60	40	421	2.5	45	2.5	120	14.6	PHP 3SPZ450TB
		500	4	2517	504.0	16	60	40	471	2.5	45	2.5	120	15.8	PHP 3SPZ500TB
		560	4	2517	564	16	60	40	531	2.5	45	2.5	124	15.7	PHP 3SPZ560TB
		630	4	3020	634.0	25	75	40	601	5.5	45	2.5	120	17.0	PHP 3SPZ630TB
		800	4	3020	804.0	25	75	40	771	5.5	51	2.5	150	33.0	PHP 3SPZ800TB

¹⁾ Mass does not include bushings.
Non-functional dimensions may vary slightly.

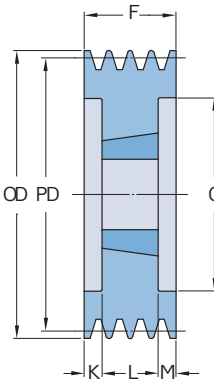
Wedge belt pulleys
SPZ taper bushed



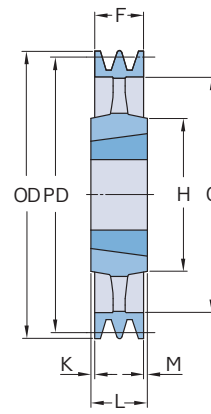
Type 1



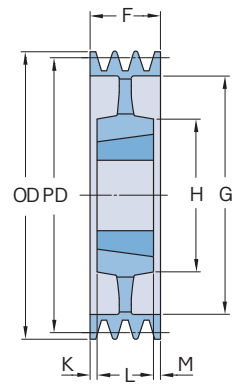
Type 2



Type 3



Type 4

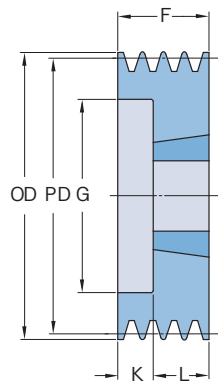


Type 5

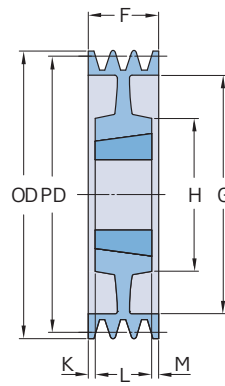
Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions										Mass ¹⁾	Designation
					Outer diameter OD	B Min.	Max.	F	G	K	L	M	H			
—	—	mm	—	—	mm									kg	—	
SPZ	4	63	6	1108	67.0	9	28	52	38	30.0	22	—	—	0.5	PHP 4SPZ63TB	
		67	6	1108	71.0	9	28	52	41	30.0	22	—	—	0.6	PHP 4SPZ67TB	
		71	6	1108	75.0	9	28	52	45	30.0	22	—	—	0.7	PHP 4SPZ71TB	
		75	6	1210	79.0	11	32	52	46	27.0	25	—	—	0.8	PHP 4SPZ75TB	
		80	6	1210	84.0	11	32	52	51	27.0	25	—	—	0.9	PHP 4SPZ80TB	
		85	6	1610	89.0	14	42	52	60	27.0	25	—	—	1.0	PHP 4SPZ85TB	
		90	6	1610	94.0	14	42	52	61	27.0	25	—	—	1.1	PHP 4SPZ90TB	
		95	6	1610	99.0	14	42	52	66	27.0	25	—	—	1.3	PHP 4SPZ95TB	
		100	6	1610	104.0	14	42	52	72	27.0	25	—	—	1.4	PHP 4SPZ100TB	
		106	6	1610	110.0	14	42	52	80	27.0	25	—	—	1.6	PHP 4SPZ106TB	
		112	6	2012	116.0	14	50	52	86	20.0	32	—	—	1.7	PHP 4SPZ112TB	
		118	6	2012	122.0	14	50	52	92	20.0	32	—	—	2.0	PHP 4SPZ118TB	
		125	2	2012	129.0	14	50	52	99	—	32	20.0	—	2.3	PHP 4SPZ125TB	
		132	2	2012	136.0	14	50	52	104	—	32	20.0	—	2.6	PHP 4SPZ132TB	
		140	2	2012	144.0	14	50	52	112	—	32	20.0	—	3.1	PHP 4SPZ140TB	
		150	2	2517	154.0	16	60	52	122	—	45	7.0	—	3.8	PHP 4SPZ150TB	
		160	2	2517	164.0	16	60	52	132	—	45	7.0	—	4.6	PHP 4SPZ160TB	
		170	2	2517	174.0	16	65	52	141	—	45	7.0	—	5.5	PHP 4SPZ170TB	
		180	2	2517	184.0	16	60	52	152	—	45	7.0	—	6.3	PHP 4SPZ180TB	
		190	3	2517	194.0	16	65	52	161	3.5	45	3.5	—	5.3	PHP 4SPZ190TB	
		200	7	2517	204.0	16	60	52	172	3.5	45	3.5	120	5.4	PHP 4SPZ200TB	
		212	5	2517	216	16	60	52	183	3.5	45	3.5	124	5.95	PHP 4SPZ212TB	
		224	5	2517	228.0	16	60	52	196	3.5	45	3.5	120	7.0	PHP 4SPZ224TB	
		236	5	2517	240	16	60	52	207	3.5	45	3.5	124	7.29	PHP 4SPZ236TB	
		250	5	2517	254.0	16	60	52	222	3.5	45	3.5	120	8.0	PHP 4SPZ250TB	
		265	5	2517	269	16	60	52	236	3.5	45	3.5	124	8.71	PHP 4SPZ265TB	
		280	5	2517	284.0	16	60	52	252	3.5	45	3.5	120	9.5	PHP 4SPZ280TB	
		315	5	2517	319.0	16	60	52	287	3.5	45	3.5	120	12.1	PHP 4SPZ315TB	
		335	5	2517	339	16	60	52	306	3.5	45	3.5	124	9.57	PHP 4SPZ335TB	
		355	5	2517	359.0	16	60	52	326	3.5	45	3.5	120	12.8	PHP 4SPZ355TB	
		400	5	2517	404.0	16	60	52	371	3.5	45	3.5	120	13.6	PHP 4SPZ400TB	
		450	5	3020	454.0	25	75	52	421	0.5	51	0.5	150	14.5	PHP 4SPZ450TB	
		500	5	3020	504.0	25	75	52	471	0.5	51	0.5	150	17.3	PHP 4SPZ500TB	
		630	4	3030	634.0	35	75	52	601	12.0	76	12.0	150	23.0	PHP 4SPZ630TB	
		800	4	3030	804.0	35	75	52	771	12.0	76	12.0	150	36.0	PHP 4SPZ800TB	
SPZ	5	75	8	1210	79	11	32	64	46	39	25	—	—	0.91	PHP 5SPZ75TB	
		85	6	1610	89.0	14	42	64	60	39.0	25	—	—	1.3	PHP 5SPZ85TB	
		90	6	1610	94.0	14	42	64	61	39.0	25	—	—	1.3	PHP 5SPZ90TB	
		95	6	1610	99.0	14	42	64	66	39.0	25	—	—	1.5	PHP 5SPZ95TB	
		100	6	2012	104.0	14	50	64	72	32.0	32	—	—	1.6	PHP 5SPZ100TB	
		106	6	2012	110.0	14	50	64	78	32.0	32	—	—	1.8	PHP 5SPZ106TB	
		112	6	2012	116.0	14	50	64	84	32.0	32	—	—	2.0	PHP 5SPZ112TB	
		118	6	2012	122.0	14	50	64	90	32.0	32	—	—	2.3	PHP 5SPZ118TB	
		125	6	2012	129.0	14	50	64	97	32.0	32	—	—	2.7	PHP 5SPZ125TB	
		132	6	2517	136.0	16	60	64	104	19.0	45	—	—	2.8	PHP 5SPZ132TB	
		140	2	2517	144.0	16	60	64	112	—	45	19.0	—	3.4	PHP 5SPZ140TB	
		150	2	2517	154.0	16	60	64	122	—	45	19.0	—	4.3	PHP 5SPZ150TB	
		160	2	2517	164.0	16	60	64	132	—	45	19.0	—	5.1	PHP 5SPZ160TB	
		170	2	2517	174.0	16	60	64	141	—	45	19.0	—	5.7	PHP 5SPZ170TB	
		180	2	2517	184.0	16	60	64	152	—	45	19.0	—	6.8	PHP 5SPZ180TB	
		190	3	2517	194.0	16	60	64	161	9.5	45	9.5	—	7.8	PHP 5SPZ190TB	
		200	5	2517	204.0	16	60	64	172	9.5	45	9.5	—	8.8	PHP 5SPZ200TB	
		212	6	2517	216	16	60	64	183	9.5	45	9.5	124	7.04	PHP 5SPZ212TB	
		224	5	2517	228.0	16	60	64	196	9.5	45	9.5	120	8.8	PHP 5SPZ224TB	

¹⁾ Mass does not include bushings.
Non-functional dimensions may vary slightly.

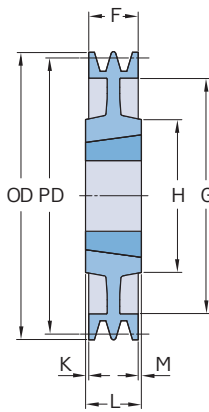
Wedge belt pulleys
SPZ taper bushed



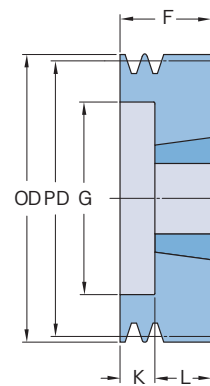
Type 6



Type 7



Type 8



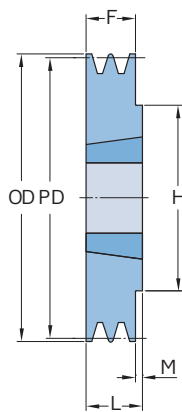
Type 9

Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		Max.	F	G	K	L	M	H	Mass ¹⁾	Designation
		mm			Outer diameter OD	B Min.									
–	–	mm	–	–	mm									kg	–
SPZ	5	236	5	2517	240	16	60	64	207	9.5	45	9.5	124	8.21	PHP 5SPZ236TB
		250	5	2517	254.0	16	60	64	222	9.5	45	9.5	120	9.0	PHP 5SPZ250TB
		265	5	2517	269	16	60	64	236	9.5	45	9.5	124	8.6	PHP 5SPZ265TB
		280	5	2517	284.0	16	60	64	252	9.5	45	9.5	120	11.0	PHP 5SPZ280TB
		315	5	2517	319.0	16	60	64	287	9.5	45	9.5	120	13.3	PHP 5SPZ315TB
		335	5	2517	339	16	60	64	306	9.5	45	9.5	124	11.8	PHP 5SPZ335TB
		355	5	2517	359.0	16	60	64	326	9.5	45	9.5	120	13.0	PHP 5SPZ355TB
		380	5	3020	384	25	75	64	351	6.5	51	6.5	146	13.8	PHP 5SPZ380TB
		400	5	3020	404.0	25	75	64	371	6.5	51	6.5	150	15.6	PHP 5SPZ400TB
		450	5	3020	454.0	25	75	64	421	6.5	51	6.5	150	19.0	PHP 5SPZ450TB
		500	4	3030	504.0	35	75	64	471	6.0	51	6.0	150	22.6	PHP 5SPZ500TB
		630	4	3030	634.0	35	75	64	601	6.0	51	6.0	150	29.0	PHP 5SPZ630TB
		710	4	3535	714	35	90	64	681	12.5	89	12.5	175	30.6	PHP 5SPZ710TB
		800	4	3535	804.0	35	90	64	771	12.5	89	12.5	170	44.1	PHP 5SPZ800TB
	6	85	6	1610	89.0	14	42	76	61	51.0	25	–	–	1.3	PHP 6SPZ85TB
		90	6	1610	94.0	14	42	76	61	51.0	25	–	–	1.5	PHP 6SPZ90TB
		95	6	1610	99.0	14	42	76	66	51.0	25	–	–	1.7	PHP 6SPZ95TB
		100	6	2012	104.0	14	50	76	72	44.0	32	–	–	1.9	PHP 6SPZ100TB
		106	6	2012	110.0	14	50	76	78	44.0	32	–	–	2.0	PHP 6SPZ106TB
		112	6	2012	116.0	14	50	76	84	44.0	32	–	–	2.3	PHP 6SPZ112TB
		118	6	2517	122.0	16	60	76	90	31.0	45	–	–	2.3	PHP 6SPZ118TB
		125	6	2517	129.0	16	60	76	97	31.0	45	–	–	2.7	PHP 6SPZ125TB
		132	6	2517	136.0	16	60	76	104	31.0	45	–	–	3.2	PHP 6SPZ132TB
		140	2	2517	144.0	16	60	76	122	–	45	31.0	–	3.8	PHP 6SPZ140TB
		150	2	2517	154.0	16	60	76	122	–	45	31.0	–	4.6	PHP 6SPZ150TB
		160	2	2517	164.0	16	60	76	132	–	45	31.0	–	5.5	PHP 6SPZ160TB
		170	2	2517	174.0	16	65	76	141	–	45	31.0	–	6.5	PHP 6SPZ170TB
		180	3	2517	184.0	16	60	76	152	15.5	45	15.5	–	7.3	PHP 6SPZ180TB
		190	3	2517	194.0	16	65	76	161	15.5	45	15.5	120	8.4	PHP 6SPZ190TB
		200	3	2517	204.0	16	60	76	172	15.5	45	15.5	120	9.4	PHP 6SPZ200TB
		212	6	2517	216	16	60	76	183	15.5	45	15.5	124	7.48	PHP 6SPZ212TB
		224	5	2517	228.0	16	60	76	196	15.5	45	15.5	120	9.7	PHP 6SPZ224TB
		236	5	2517	240	16	60	76	207	15.5	45	15.5	124	8.72	PHP 6SPZ236TB
		250	5	2517	254.0	16	60	76	222	15.5	45	15.5	120	11.8	PHP 6SPZ250TB
		280	5	2517	284.0	16	60	76	252	15.5	45	15.5	120	12.8	PHP 6SPZ280TB
SPZ	8	315	5	2517	319.0	16	60	76	287	15.5	45	15.5	120	13.8	PHP 6SPZ315TB
		355	5	2517	359.0	16	60	76	326	15.5	45	15.5	125	15.0	PHP 6SPZ355TB
		400	5	3020	404.0	25	75	76	371	–	76	–	150	18.3	PHP 6SPZ400TB
		450	5	3020	454.0	25	75	76	421	–	76	–	150	21.5	PHP 6SPZ450TB
		500	5	3020	504.0	25	75	76	471	–	76	–	150	24.6	PHP 6SPZ500TB
		630	4	3535	634.0	35	90	76	601	6.5	89	6.5	170	35.0	PHP 6SPZ630TB
		800	4	3535	804.0	35	90	76	771	6.5	89	6.5	170	57.9	PHP 6SPZ800TB
		140	3	2517	144.0	16	60	100	112	27.5	45	27.5	–	4.0	PHP 8SPZ140TB
		150	3	2517	154.0	16	60	100	122	27.5	45	27.5	–	5.1	PHP 8SPZ150TB
		160	3	2517	164.0	16	60	100	132	27.5	45	27.5	–	5.6	PHP 8SPZ160TB
		170	3	2517	174	16	60	100	141	27.5	45	27.5	–	7.1	PHP 8SPZ170TB
		180	3	2517	184.0	16	60	100	152	27.5	45	27.5	–	7.1	PHP 8SPZ180TB
		190	3	3020	194	25	75	100	151	27.5	45	27.5	–	8.92	PHP 8SPZ190TB
		200	3	3020	204.0	25	75	100	171	24.5	51	24.5	–	9.3	PHP 8SPZ200TB
		224	3	3020	228.0	25	75	100	195	24.5	51	24.5	–	11.8	PHP 8SPZ224TB
		250	5	3020	254.0	25	75	100	221	24.5	51	24.5	150	10.5	PHP 8SPZ250TB
		280	5	3020	284.0	25	75	100	252	24.5	51	24.5	150	10.8	PHP 8SPZ280TB
		315	5	3020	319	25	75	100	286	24.5	51	24.5	146	13.45	PHP 8SPZ315TB

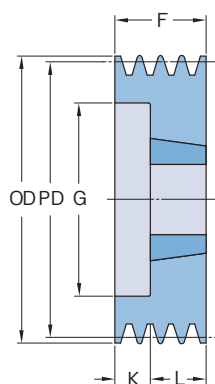
¹⁾ Mass does not include bushings.
Non-functional dimensions may vary slightly.

Wedge belt pulleys

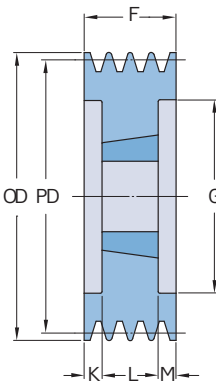
SPZ taper bushed | SPA taper bushed



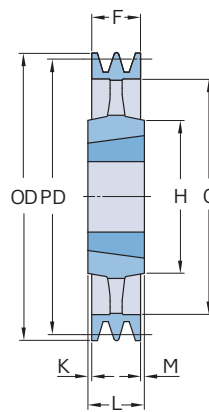
Type 1



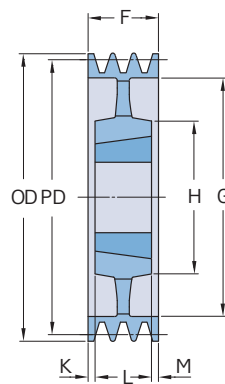
Type 2



Type 3



Type 4

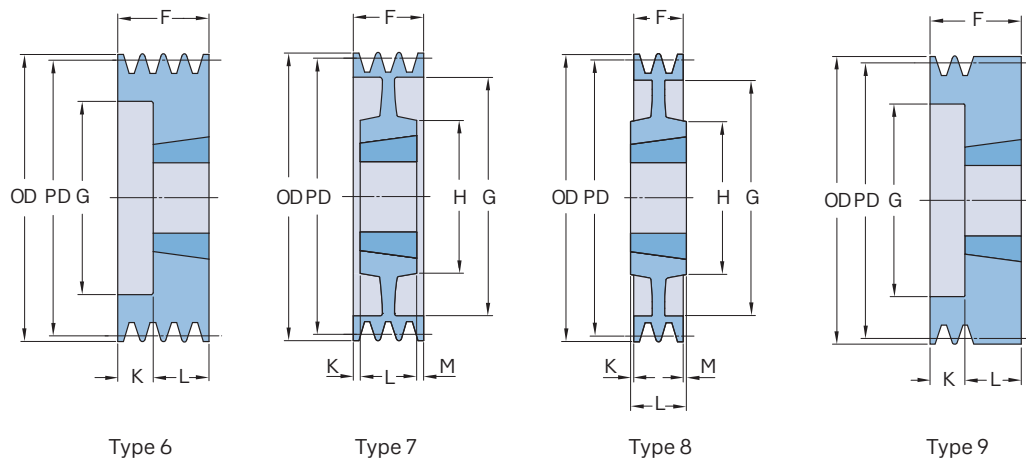


Type 5

Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		F	G	K	L	M	H	Mass ¹⁾	Designation	
					Outer diameter OD	B Min. Max.									
—	—	mm	—	—	mm								kg	—	
SPZ	8	355	5	3030	359.0	35	75	100	326	12.0	76	12.0	150	16.0	PHP 8SPZ355TB
		400	5	3030	404.0	35	75	100	371	12.0	76	12.0	150	18.2	PHP 8SPZ400TB
		450	5	3535	454.0	35	90	100	421	5.5	89	5.5	170	24.0	PHP 8SPZ450TB
		500	5	3535	504	35	90	100	471	5.5	89	5.5	175	30.2	PHP 8SPZ500TB
		630	5	3535	634	35	90	100	601	5.5	89	5.5	175	41	PHP 8SPZ630TB
		800	5	3535	804	35	90	100	771	5.5	89	5.5	178	53	PHP 8SPZ800TB
SPA	1	63	1	1008	68.5	9	25	20	—	—	22	2.0	62	0.8	PHP 1SPA63TB
		67	1	1108	72.5	9	28	20	—	—	22	2.0	62	0.5	PHP 1SPA67TB
		71	1	1108	76.5	9	28	20	—	—	22	2.0	62	0.5	PHP 1SPA71TB
		75	1	1108	80.5	9	28	22	—	—	22	2.0	62	0.4	PHP 1SPA75TB
		80	1	1210	85.5	11	32	20	—	—	25	5.0	75	0.5	PHP 1SPA80TB
		85	1	1210	90.5	11	32	20	—	—	25	5.0	75	0.6	PHP 1SPA85TB
		90	1	1210	95.5	11	32	20	—	—	25	5.0	75	0.7	PHP 1SPA90TB
		95	1	1210	100.5	11	32	20	—	—	25	5.0	75	0.9	PHP 1SPA95TB
		100	1	1610	105.5	14	42	20	—	—	25	5.0	80	0.8	PHP 1SPA100TB
		106	1	1610	111.5	14	42	20	—	—	25	5.0	80	0.9	PHP 1SPA106TB
		112	1	1610	117.5	14	42	20	—	—	25	5.0	80	1.1	PHP 1SPA112TB
		118	1	1610	123.5	14	42	20	—	—	25	5.0	80	1.2	PHP 1SPA118TB
		125	1	1610	130.5	14	42	20	—	—	25	5.0	80	1.4	PHP 1SPA125TB
		132	1	1610	137.5	14	42	20	—	—	25	5.0	80	1.6	PHP 1SPA132TB
		140	1	1610	145.5	14	42	20	—	—	25	5.0	80	1.8	PHP 1SPA140TB
		150	1	1610	155.5	14	42	20	—	—	25	5.0	80	2.1	PHP 1SPA150TB
		160	1	1610	165.5	14	42	20	—	—	25	5.0	80	2.4	PHP 1SPA160TB
		170	1	1610	175.5	14	42	20	—	—	25	5.0	80	1.1	PHP 1SPA170TB
		180	4	1610	185.5	14	42	20	145	—	25	5.0	92	2.3	PHP 1SPA180TB
		190	4	1610	195.5	14	42	20	156	—	25	5.0	92	2.7	PHP 1SPA190TB
		200	4	2012	205.5	14	50	20	165	—	32	12.0	108	2.3	PHP 1SPA200TB
		212	4	2012	217.5	14	50	20	177	—	32	12.0	110	3.5	PHP 1SPA212TB
		224	4	2012	229.5	14	50	20	189	—	32	12.0	112	4.0	PHP 1SPA224TB
		236	4	2012	241	14	50	20	202	—	32	12	112	3.62	PHP 1SPA236TB
		250	4	2012	255.5	14	50	20	215	6.0	32	6.0	112	4.8	PHP 1SPA250TB
		265	4	2012	270	14	50	20	230	6	32	6	112	3.73	PHP 1SPA265TB
		280	4	2012	285.5	14	50	20	245	—	32	12.0	112	6.3	PHP 1SPA280TB
		300	4	2012	305	14	50	20	265	—	32	12	112	4.62	PHP 1SPA300TB
		315	4	2012	320.5	14	50	20	280	—	32	12.0	112	7.2	PHP 1SPA315TB
		335	4	2012	340	14	50	20	300	—	32	12	112	5.24	PHP 1SPA335TB
		355	4	2012	360.5	14	50	20	320	—	32	12.0	112	7.6	PHP 1SPA355TB
		375	4	2012	380	14	50	20	340	—	32	12	112	6.18	PHP 1SPA375TB
		400	4	2012	405.5	14	50	20	365	—	32	12.0	112	7.9	PHP 1SPA400TB
		425	4	2012	430	14	50	20	390	—	32	12	112	7.5	PHP 1SPA425TB
		450	4	2012	455.5	16	60	20	415	—	32	12.0	112	8.4	PHP 1SPA450TB
		475	4	2517	480	16	60	20	440	—	45	25	124	9	PHP 1SPA475TB
		500	4	2517	505.5	16	60	20	465	—	45	12.0	112	9.4	PHP 1SPA500TB
		530	4	2517	535	16	60	20	495	—	45	25	124	10.73	PHP 1SPA530TB
		560	4	2517	565	16	60	20	525	—	45	25	124	11	PHP 1SPA560TB
		630	4	2517	635.5	16	60	20	595	—	45	12.0	112	13.1	PHP 1SPA630TB
		800	4	3020	805	25	75	20	765	15.5	51	15.5	159	19	PHP 1SPA800TB
SPA	2	63	6	1008	68.5	9	28	35	33	13.0	22	—	—	0.6	PHP 2SPA63TB
		67	6	1108	72.5	9	28	35	37	13.0	22	—	—	0.4	PHP 2SPA67TB
		71	6	1108	76.5	9	28	35	40	13.0	22	—	—	0.5	PHP 2SPA71TB
		75	6	1108	80.5	9	28	35	44	13.0	25	—	—	0.7	PHP 2SPA75TB
		80	6	1210	85.5	11	32	35	47	10.0	25	—	—	0.6	PHP 2SPA80TB

¹⁾ Mass does not include bushings.
Non-functional dimensions may vary slightly.

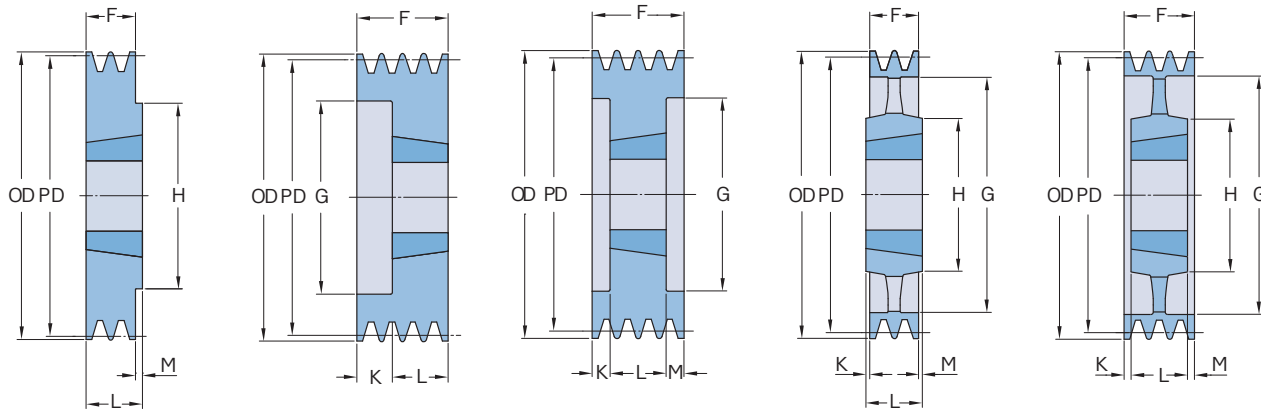
Wedge belt pulleys
SPA taper bushed



Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		Mass ¹⁾								Designation
					Outer diameter OD	B Min.	Max.	F	G	K	L	M	H	kg	
SPA	2	85	6	1210	90.5	11	32	35	50	10.0	25	—	—	0.7	PHP 2SPA85TB
		90	6	1610	95.5	14	42	35	60	10.0	25	—	—	0.7	PHP 2SPA90TB
		95	6	1610	100.5	14	42	35	64	10.0	25	—	—	0.9	PHP 2SPA95TB
		100	6	1610	105.5	14	42	35	70	10.0	25	—	—	1.1	PHP 2SPA100TB
		106	6	1610	111.5	14	42	35	76	10.0	25	—	—	1.2	PHP 2SPA106TB
		112	6	1610	117.5	14	42	35	80	10.0	25	—	—	1.4	PHP 2SPA112TB
		118	6	1610	123.5	14	42	35	86	10.0	25	—	—	1.6	PHP 2SPA118TB
		125	6	1610	130.5	14	42	35	90	10.0	25	—	—	1.9	PHP 2SPA125TB
		132	6	2012	137.5	14	50	35	98	3.0	32	—	—	2.1	PHP 2SPA132TB
		140	6	2012	145.5	14	50	35	106	3.0	32	—	—	2.6	PHP 2SPA140TB
		150	6	2012	155.5	14	50	35	116	3.0	32	—	—	3.2	PHP 2SPA150TB
		160	6	2012	165.5	14	50	35	125	3.0	32	—	—	3.8	PHP 2SPA160TB
		170	6	2012	175.5	14	50	35	135	3.0	32	—	—	4.5	PHP 2SPA170TB
		180	7	2012	185.5	14	50	35	148	2.0	32	2.0	100	5.2	PHP 2SPA180TB
		190	7	2012	195.5	14	50	35	158	2.0	32	2.0	100	4.4	PHP 2SPA190TB
		200	8	2517	205.5	16	60	35	165	5.0	45	5.0	120	4.9	PHP 2SPA200TB
		212	4	2517	217.5	16	65	35	177	5.0	45	5.0	120	5.8	PHP 2SPA212TB
		224	4	2517	229.5	16	60	35	189	—	45	10.0	120	6.6	PHP 2SPA224TB
		236	4	2517	241	16	60	35	202	—	45	10	124	5.2	PHP 2SPA236TB
		250	4	2517	255.5	16	60	35	215	5.0	45	5.0	120	6.8	PHP 2SPA250TB
		265	4	2517	270	16	60	35	230	—	45	10	124	6.15	PHP 2SPA265TB
		280	4	2517	285.5	16	60	35	245	—	45	10.0	120	8.3	PHP 2SPA280TB
		290	4	2517	295	16	60	35	255	—	45	10	124	6.9	PHP 2SPA290TB
		300	4	2517	305	16	60	35	265	—	45	10	124	6.95	PHP 2SPA300TB
		315	4	2517	320.5	16	60	35	280	—	45	10.0	120	10.2	PHP 2SPA315TB
		355	4	2517	360.5	16	60	35	320	—	45	10.0	120	10.5	PHP 2SPA355TB
		400	4	2517	405.5	16	60	35	365	—	45	10.0	120	11.3	PHP 2SPA400TB
		425	4	2517	430	16	60	35	390	—	45	10	124	10.85	PHP 2SPA425TB
		450	4	2517	455.5	16	60	35	465	—	45	10.0	120	15.0	PHP 2SPA450TB
		475	4	2517	480	16	60	35	440	—	45	10	124	12.5	PHP 2SPA475TB
		500	4	2517	505.5	16	60	35	525	—	51	16.0	150	18.7	PHP 2SPA500TB
		530	4	3020	535	25	75	35	495	8	51	8	159	16	PHP 2SPA530TB
		560	4	3020	565	25	75	35	525	8	51	8	159	16.55	PHP 2SPA560TB
		630	4	3020	635.5	25	75	35	595	8.0	51	8.0	150	22.0	PHP 2SPA630TB
		710	4	3020	715	25	75	35	675	8	51	8	159	23.4	PHP 2SPA710TB
		800	4	3535	805	35	90	35	765	27	89	27	175	34	PHP 2SPA800TB
		900	4	3535	905	35	90	35	865	27	89	27	175	37	PHP 2SPA900TB
SPA	3	71	6	1108	76.5	9	28	50	40	28.0	22	—	—	0.7	PHP 3SPA71TB
		75	6	1108	80.5	9	28	50	44	28.0	25	—	—	0.8	PHP 3SPA75TB
		80	6	1210	85.5	11	32	50	47	25.0	25	—	—	0.9	PHP 3SPA80TB
		85	6	1210	90.5	11	32	50	50	25.0	25	—	—	1.0	PHP 3SPA85TB
		90	6	1610	95.5	14	42	50	60	25.0	25	—	—	1.0	PHP 3SPA90TB
		95	6	1610	100.5	14	42	50	64	25.0	25	—	—	1.2	PHP 3SPA95TB
		100	2	1610	105.5	14	42	50	70	—	25	25.0	—	1.3	PHP 3SPA100TB
		106	2	1610	111.5	14	42	50	76	—	25	25.0	—	1.6	PHP 3SPA106TB
		112	6	2012	117.5	14	50	50	83	18.0	32	—	—	1.6	PHP 3SPA112TB
		118	2	2012	123.5	14	50	50	86	—	32	18.0	—	1.9	PHP 3SPA118TB
		125	2	2012	130.5	14	50	50	92	—	32	18.0	—	2.3	PHP 3SPA125TB
		132	2	2012	137.5	14	50	50	98	—	32	18.0	—	2.6	PHP 3SPA132TB
		140	6	2517	145.5	16	60	50	106	5.0	45	—	—	2.9	PHP 3SPA140TB
		150	6	2517	155.5	16	60	50	116	5.0	45	—	—	3.7	PHP 3SPA150TB
		160	6	2517	165.5	16	60	50	126	5.0	45	—	—	4.5	PHP 3SPA160TB
		170	6	2517	175.5	16	60	50	138	5.0	45	—	—	5.0	PHP 3SPA170TB

¹⁾ Mass does not include bushings.
Non-functional dimensions may vary slightly.

Wedge belt pulleys
SPA taper bushed



Type 1

Type 2

Type 3

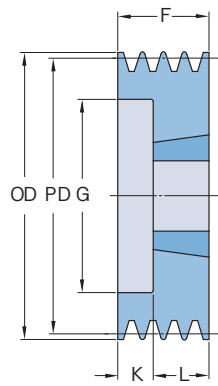
Type 4

Type 5

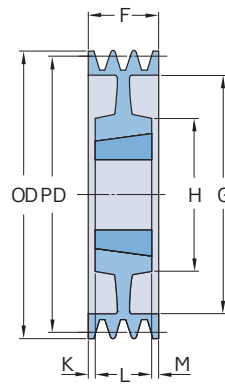
Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		Outer diameter OD		B		F		G	K	L	M	H	Mass ¹⁾	Designation
		mm			mm		Min.	Max.										kg	
SPA	3	180	6	2517	185.5	16	60	50	146	5.0	45	–	–	–	–	–	–	6.2	PHP 3SPA180TB
		190	6	2517	195.5	16	60	50	158	5.0	45	–	–	–	–	–	–	7.0	PHP 3SPA190TB
		200	7	2517	205.5	16	60	50	165	2.5	45	2.5	120	–	–	–	–	5.6	PHP 3SPA200TB
		212	5	2517	217.5	16	60	50	177	2.5	45	2.5	120	–	–	–	–	6.6	PHP 3SPA212TB
		224	5	2517	229.5	16	60	50	189	2.5	45	2.5	120	–	–	–	–	7.5	PHP 3SPA224TB
		236	5	2517	241	16	60	50	202	2.5	45	2.5	124	–	–	–	–	6.8	PHP 3SPA236TB
		250	5	2517	255.5	16	60	50	215	2.5	45	2.5	120	–	–	–	–	8.6	PHP 3SPA250TB
		265	5	2517	270	16	60	50	230	2.5	45	2.5	124	–	–	–	–	7.65	PHP 3SPA265TB
		280	5	2517	285.5	16	60	50	245	2.5	45	2.5	120	–	–	–	–	10.0	PHP 3SPA280TB
		300	4	3020	305	25	75	50	265	0.5	51	0.5	150	–	–	–	–	10.04	PHP 3SPA300TB
		315	4	3020	320.5	25	75	50	280	0.5	51	0.5	160	–	–	–	–	12.8	PHP 3SPA315TB
		335	4	3020	340	25	75	50	300	0.5	51	0.5	159	–	–	–	–	12.04	PHP 3SPA335TB
		355	4	3020	360.5	25	75	50	320	0.5	51	0.5	150	–	–	–	–	13.4	PHP 3SPA355TB
		375	4	3020	380	25	75	50	340	0.5	51	0.5	159	–	–	–	–	13.7	PHP 3SPA375TB
		400	4	3020	405.5	25	75	50	365	–	51	1.0	150	–	–	–	–	15.9	PHP 3SPA400TB
		425	4	3020	430	25	75	50	390	–	51	1.0	159	–	–	–	–	15.3	PHP 3SPA425TB
		450	4	3020	455.5	25	75	50	415	–	51	1.0	150	–	–	–	–	19.3	PHP 3SPA450TB
		475	4	3020	480	25	75	50	400	–	51	1.0	159	–	–	–	–	18.09	PHP 3SPA475TB
		500	4	3020	505.5	25	75	50	465	–	51	1.0	150	–	–	–	–	22.6	PHP 3SPA500TB
		530	4	3020	535	25	75	50	495	–	51	1.0	159	–	–	–	–	20.63	PHP 3SPA530TB
		560	4	3020	565.5	25	75	50	525	–	51	1.0	150	–	–	–	–	23.5	PHP 3SPA560TB
		630	4	3020	635.5	25	75	50	595	–	51	1.0	150	–	–	–	–	27.5	PHP 3SPA630TB
		745	4	3535	750	35	90	50	710	19.5	89	19.5	175	–	–	–	–	36.4	PHP 3SPA745TB
		800	4	3535	805.5	35	90	50	765	19.5	89	19.5	170	–	–	–	–	40.8	PHP 3SPA800TB
		900	4	3535	905	35	90	50	865	19.5	89	19.5	175	–	–	–	–	47	PHP 3SPA900TB
		1000	4	3535	1005.5	35	90	50	965	19.5	89	19.5	178	–	–	–	–	50.0	PHP 3SPA1000TB
SPA	4	71	8	1108	76	9	28	65	40	43	22	–	–	–	–	–	–	1.47	PHP 4SPA71TB
		80	8	1210	85	11	32	65	49	40	25	–	–	–	–	–	–	1.05	PHP 4SPA80TB
		90	6	1615	95.5	14	42	65	64	27.0	38	–	–	–	–	–	–	1.2	PHP 4SPA90TB
		95	6	1615	100.5	14	42	65	64	27.0	38	–	–	–	–	–	–	1.4	PHP 4SPA95TB
		100	2	1615	105.5	14	42	65	70	–	38	27.0	–	–	–	–	–	1.6	PHP 4SPA100TB
		106	6	2012	111.5	14	50	65	76	33.0	32	–	–	–	–	–	–	1.7	PHP 4SPA106TB
		112	6	2012	117.5	14	50	65	80	33.0	32	–	–	–	–	–	–	2.0	PHP 4SPA112TB
		118	2	2012	123.5	14	50	65	86	–	32	33.0	–	–	–	–	–	2.3	PHP 4SPA118TB
		125	2	2012	130.5	14	50	65	92	–	32	33.0	–	–	–	–	–	2.7	PHP 4SPA125TB
		132	2	2517	137.5	16	60	65	98	–	45	20.0	–	–	–	–	–	2.9	PHP 4SPA132TB
		140	2	2517	145.5	16	60	65	106	–	45	20.0	–	–	–	–	–	3.5	PHP 4SPA140TB
		150	2	2517	155.5	16	60	65	116	–	45	20.0	–	–	–	–	–	4.2	PHP 4SPA150TB
		160	2	2517	165.5	16	60	65	126	–	45	20.0	–	–	–	–	–	5.1	PHP 4SPA160TB
		170	2	2517	175.5	16	60	65	138	–	45	20.0	–	–	–	–	–	6.0	PHP 4SPA170TB
		180	2	2517	185.5	16	60	65	146	–	45	20.0	–	–	–	–	–	6.9	PHP 4SPA180TB
		190	2	2517	195.5	25	60	65	158	–	45	20.0	–	–	–	–	–	7.2	PHP 4SPA190TB
		200	2	3020	205.5	25	75	65	165	–	51	14.0	–	–	–	–	–	8.4	PHP 4SPA200TB
		212	2	3020	217.5	25	75	65	177	–	51	14.0	–	–	–	–	–	9.9	PHP 4SPA212TB
		224	2	3020	229.5	25	75	65	189	–	51	14.0	–	–	–	–	–	11.4	PHP 4SPA224TB
		236	6	3020	241	25	75	–	65	202	51	14	159	–	–	–	–	9.85	PHP 4SPA236TB
		250	5	3020	255.5	25	75	65	215	7.0	51	7.0	150	–	–	–	–	10.5	PHP 4SPA250TB
		265	5	3020	270	25	75	65	215	7	51	7	159	–	–	–	–	9.95	PHP 4SPA265TB
		280	5	3020	285.5	25	75	65	245	7.0	51	7.0	150	–	–	–	–	11.6	PHP 4SPA280TB
		290	5	3020	295	25	75	65	245	7	51	7	159	–	–	–	–	11.4	PHP 4SPA290TB
		300	5	3020	305	25	75	65	265	7	51	7	159	–	–	–	–	12.25	PHP 4SPA300TB
		315	5	3020	320.5	25	75	65	280	7.0	51	7.0	150	–	–	–	–	13.8	PHP 4SPA315TB
		335	5	3020	340	25	75	65	300	7	51	7	159	–	–	–	–	13.5	PHP 4SPA335TB

¹⁾ Mass does not include bushings.
Non-functional dimensions may vary slightly.

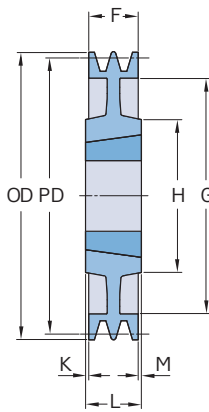
Wedge belt pulleys
SPA taper bushed



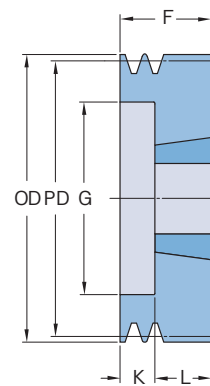
Type 6



Type 7



Type 8



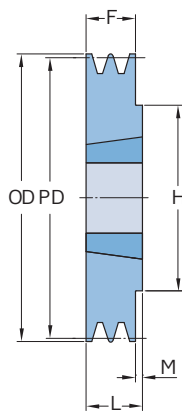
Type 9

Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		Max.	F	G	K	L	M	H	Mass ¹⁾	Designation
		mm			Outer diameter OD	B Min.									
–	–	mm	–	–	mm									kg	–
SPA	4	355	5	3020	360.5	25	75	65	320	7.0	51	7.0	150	15.8	PHP 4SPA355TB
		375	5	3020	380	25	75	65	340	7	51	7	159	15.3	PHP 4SPA375TB
		400	5	3020	405.5	25	75	65	365	7.0	51	7.0	150	17.7	PHP 4SPA400TB
		425	5	3020	430	25	75	65	390	7	51	7	159	18.47	PHP 4SPA425TB
		450	5	3020	455.5	25	75	65	415	7.0	51	7.0	150	23.2	PHP 4SPA450TB
		475	5	3020	480	25	75	65	440	7	51	7	159	20.84	PHP 4SPA475TB
		500	5	3020	505.5	25	75	65	465	7.0	51	7.0	150	27.4	PHP 4SPA500TB
		560	4	3535	565.5	35	90	65	525	12.0	89	12.0	170	30.5	PHP 4SPA560TB
		630	4	3535	635.5	35	90	65	595	12.0	89	12.0	170	34.1	PHP 4SPA630TB
		745	4	3535	750	35	90	65	710	12	89	12	175	41.45	PHP 4SPA745TB
		800	4	3535	805.5	35	90	65	765	12.0	89	12.0	170	50.8	PHP 4SPA800TB
		900	4	3535	905	35	90	65	865	12	89	12	175	51	PHP 4SPA900TB
		1000	4	4040	1005.5	40	100	65	965	18.5	102	18.5	216	62.0	PHP 4SPA1000TB
	5	90	8	1615	95	14	42	80	58	42	38	–	–	1.51	PHP 5SPA90TB
		100	2	1615	105.5	14	42	80	70	–	38	42.0	–	1.9	PHP 5SPA100TB
		106	6	2012	111.5	14	50	80	76	48.0	32	–	–	2.1	PHP 5SPA106TB
		112	6	2012	117.5	14	50	80	80	48.0	32	–	–	2.4	PHP 5SPA112TB
		118	2	2012	123.5	14	50	80	86	–	32	48.0	–	2.7	PHP 5SPA118TB
		125	3	2012	130.5	14	50	80	92	24.0	32	24.0	–	3.1	PHP 5SPA125TB
		132	3	2517	137.5	16	60	80	98	17.5	45	17.5	–	3.2	PHP 5SPA132TB
		140	3	2517	145.5	16	60	80	106	17.5	45	17.5	–	3.9	PHP 5SPA140TB
		150	3	2517	155.5	16	60	80	116	17.5	45	17.5	–	4.7	PHP 5SPA150TB
		160	3	2517	165.5	16	60	80	126	17.5	45	17.5	–	5.6	PHP 5SPA160TB
		170	3	2517	175.5	16	60	80	146	17.5	45	17.5	–	6.2	PHP 5SPA170TB
		180	3	3020	185.5	25	75	80	165	14.5	51	14.5	–	6.8	PHP 5SPA180TB
		190	2	3020	195.5	25	75	80	189	–	51	29.0	–	7.4	PHP 5SPA190TB
		200	3	3020	205.5	25	75	80	215	14.5	51	14.5	–	9.1	PHP 5SPA200TB
		212	2	3020	217.5	25	75	80	245	–	51	29.0	–	10.7	PHP 5SPA212TB
		224	2	3020	229.5	25	75	80	280	–	51	29.0	–	12.3	PHP 5SPA224TB
		250	7	3020	255.5	25	75	80	215	14.5	51	14.5	150	11.7	PHP 5SPA250TB
		280	4	3535	285.5	35	90	80	245	4.5	89	4.5	170	17.4	PHP 5SPA280TB
		315	4	3535	320.5	35	90	80	280	4.5	89	4.5	170	20.0	PHP 5SPA315TB
		236	2	3020	241	25	75	80	202	–	51	29	–	13.6	PHP 5SPA236TB
		265	6	3020	270	25	75	80	230	14.5	51	14.5	159	13.2	PHP 5SPA265TB
		300	4	3535	305	35	90	80	265	4.5	89	4.5	175	17.12	PHP 5SPA300TB
		335	4	3535	340	35	90	80	300	4.5	89	4.5	175	19.31	PHP 5SPA335TB
		355	4	3535	360.5	35	90	80	320	4.5	89	4.5	170	22.8	PHP 5SPA355TB
		375	4	3535	380	35	90	80	340	4.5	89	4.5	175	22	PHP 5SPA375TB
		400	4	3535	405.5	35	90	80	365	4.5	89	4.5	170	24.8	PHP 5SPA400TB
		425	4	3535	430	35	90	80	390	4.5	89	4.5	175	23	PHP 5SPA425TB
		450	4	3535	455.5	35	90	80	415	4.5	89	4.5	170	28.5	PHP 5SPA450TB
		475	4	3535	480	35	90	80	440	4.5	89	4.5	175	27.7	PHP 5SPA475TB
		500	4	3535	505.5	35	90	80	465	4.5	89	4.5	170	31.7	PHP 5SPA500TB
		530	4	3535	535	35	90	80	495	4.5	89	4.5	175	31.2	PHP 5SPA530TB
		560	4	3535	565.5	35	90	80	525	4.5	89	4.5	170	35.0	PHP 5SPA560TB
		630	4	3535	635.5	35	90	80	595	4.5	89	4.5	170	42.0	PHP 5SPA630TB
		745	4	4040	750	40	100	80	710	11	102	11	210	46.7	PHP 5SPA745TB
		800	4	4040	805.5	40	100	80	765	11.0	102	11.0	216	60.0	PHP 5SPA800TB
		900	4	4040	905	40	100	80	865	11	102	11	210	64	PHP 5SPA900TB
		1000	4	4545	1005.5	55	120	80	965	17.0	114	17.0	225	70.0	PHP 5SPA1000TB
SPA	6	100	3	1610	105.5	14	42	95	70	30.0	38	40.0	–	2.2	PHP 6SPA100TB
		106	6	2012	111.5	14	50	95	76	63.0	32	–	–	2.5	PHP 6SPA106TB
		112	6	2012	117.5	14	50	95	80	63.0	32	–	–	2.8	PHP 6SPA112TB

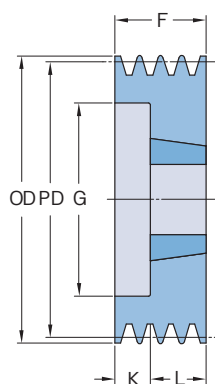
¹⁾ Mass does not include bushings.
Non-functional dimensions may vary slightly.

Wedge belt pulleys

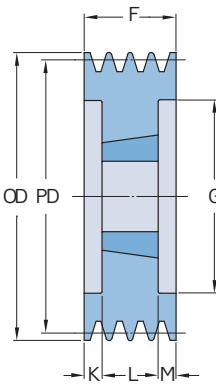
SPA taper bushed | SPB taper bushed



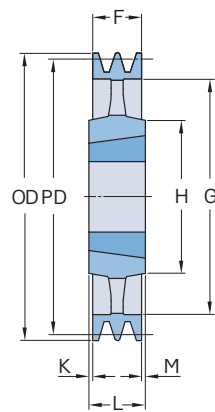
Type 1



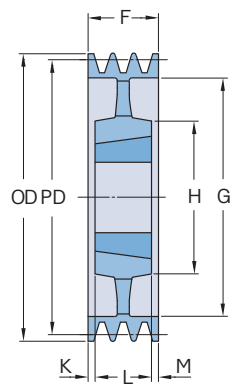
Type 2



Type 3



Type 4

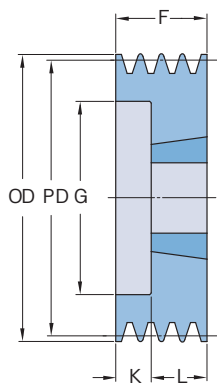


Type 5

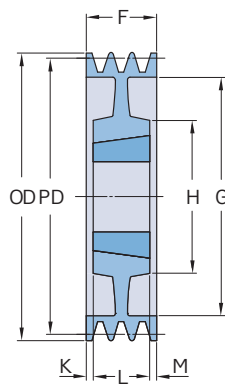
Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions										Mass ¹⁾	Designation
					Outer diameter OD	B Min.	Max.	F	G	K	L	M	H			
–	–	mm	–	–	mm										kg	–
SPA	6	118	6	2012	123.5	14	50	95	86	63.0	32	–	–	3.1	PHP 6SPA118TB	
		125	3	2012	130.5	14	50	95	92	31.5	32	31.5	–	3.7	PHP 6SPA125TB	
		132	3	2517	137.5	16	60	95	98	25.0	45	25.0	–	3.6	PHP 6SPA132TB	
		140	3	2517	145.5	16	60	95	106	25.0	45	25.0	–	4.5	PHP 6SPA140TB	
		150	3	2517	155.5	16	60	95	116	25.0	45	25.0	–	5.3	PHP 6SPA150TB	
		160	3	2517	165.5	16	60	95	126	25.0	45	25.0	–	6.3	PHP 6SPA160TB	
		170	3	3020	175.5	25	75	95	135	22.0	51	22.0	–	6.3	PHP 6SPA170TB	
		180	3	3020	185.5	25	75	95	146	22.0	51	22.0	–	7.5	PHP 6SPA180TB	
		190	3	3020	195.5	25	75	95	155	22.0	51	22.0	–	8.6	PHP 6SPA190TB	
		200	3	3020	205.5	25	75	95	165	22.0	51	22.0	–	9.9	PHP 6SPA200TB	
		212	3	3020	217.5	25	75	95	177	22.0	51	22.0	–	11.6	PHP 6SPA212TB	
		224	3	3020	229.5	25	75	95	189	22.0	51	22.0	–	13.2	PHP 6SPA224TB	
		236	3	3020	241	25	75	95	202	22	51	22	–	14.5	PHP 6SPA236TB	
		250	7	3020	255.5	25	75	95	215	22.0	51	22.0	150	12.5	PHP 6SPA250TB	
		265	6	3535	270	35	90	95	230	3	89	3	175	18.2	PHP 6SPA265TB	
		280	5	3535	285.5	35	90	95	245	3.0	89	3.0	170	19.0	PHP 6SPA280TB	
		300	5	3535	305	35	90	95	265	3	89	3	175	18.7	PHP 6SPA300TB	
		315	5	3535	320.5	35	90	95	280	3.0	89	3.0	170	21.1	PHP 6SPA315TB	
		335	5	3535	340	35	90	95	300	3	89	3	175	20.95	PHP 6SPA335TB	
		355	5	3535	360.5	35	90	95	320	3.0	89	3.0	170	23.5	PHP 6SPA355TB	
		375	5	3535	380	35	90	95	340	3	89	3	175	23.55	PHP 6SPA375TB	
		400	5	3535	405.5	35	90	95	365	3.0	89	3.0	170	26.0	PHP 6SPA400TB	
		425	5	3535	430	35	90	95	390	3	89	3	175	26.2	PHP 6SPA425TB	
		450	5	3535	455.5	35	90	95	415	3.0	89	3.0	170	30.0	PHP 6SPA450TB	
		500	5	3535	505.5	35	90	95	465	3.0	89	3.0	170	34.0	PHP 6SPA500TB	
		560	5	3535	565.5	35	90	95	525	3.0	89	3.0	170	39.0	PHP 6SPA560TB	
		630	4	4040	635.5	40	100	95	595	3.5	102	3.5	216	53.5	PHP 6SPA630TB	
		800	4	4040	805.5	40	100	95	765	3.5	102	3.5	216	70.0	PHP 6SPA800TB	
		900	4	4040	905	40	100	95	865	3.5	102	3.5	210	65.7	PHP 6SPA900TB	
		1000	4	4545	1005.5	55	120	95	965	9.5	114	9.5	225	85.5	PHP 6SPA1000TB	
SPB	1	80	1	1108	87	9	28	25	–	–	25	–	–	0.55	PHP 1SPB80TB	
		90	1	1210	97	11	32	25	–	–	25	–	–	0.65	PHP 1SPB90TB	
		100	1	1610	107.0	14	42	25	–	–	25	–	–	0.8	PHP 1SPB100TB	
		106	1	1610	113.0	14	42	25	–	–	25	–	–	1.0	PHP 1SPB106TB	
		112	1	1610	119.0	14	42	25	–	–	25	–	–	1.2	PHP 1SPB112TB	
		118	1	1610	125.0	14	42	25	–	–	25	–	–	1.5	PHP 1SPB118TB	
		125	1	1610	132.0	14	42	25	–	–	25	–	–	1.5	PHP 1SPB125TB	
		132	1	1610	139.0	14	42	25	–	–	25	–	–	1.8	PHP 1SPB132TB	
		140	1	1610	147.0	14	42	25	–	–	25	–	–	2.1	PHP 1SPB140TB	
		150	1	1610	157.0	14	42	25	–	–	25	–	–	2.5	PHP 1SPB150TB	
		160	1	1610	167.0	14	42	25	–	–	25	–	–	2.9	PHP 1SPB160TB	
		170	1	1610	177.0	14	42	25	–	–	25	–	–	3.0	PHP 1SPB170TB	
		180	7	1610	187.0	14	42	25	137	–	25	–	80	3.8	PHP 1SPB180TB	
		190	8	2012	197.0	14	50	25	147	3.5	32	3.5	100	4.4	PHP 1SPB190TB	
		200	4	2012	207.0	14	50	25	157	3.5	32	3.5	104	4.0	PHP 1SPB200TB	
		212	4	2012	219.0	14	50	25	169	3.5	32	3.5	104	5.2	PHP 1SPB212TB	
		224	4	2012	231.0	14	50	25	181	3.5	32	3.5	104	5.2	PHP 1SPB224TB	
		236	4	2012	243.0	14	50	25	193	3.5	32	3.5	104	5.4	PHP 1SPB236TB	
		250	4	2012	257.0	14	50	25	207	3.5	32	3.5	104	6.2	PHP 1SPB250TB	
		265	4	2012	272	14	50	25	222	3.5	32	3.5	104	4.7	PHP 1SPB265TB	
		280	4	2012	287.0	14	50	25	237	3.5	32	3.5	104	6.5	PHP 1SPB280TB	
		300	4	2012	307.0	14	50	25	258	3.5	32	3.5	104	7.0	PHP 1SPB300TB	
		315	4	2012	322.0	14	50	25	272	3.5	32	3.5	100	7.5	PHP 1SPB315TB	
		335	4	2517	342.0	16	60	25	288	10.0	45	10.0	125	8.5	PHP 1SPB335TB	

¹⁾ Mass does not include bushings.
Non-functional dimensions may vary slightly.

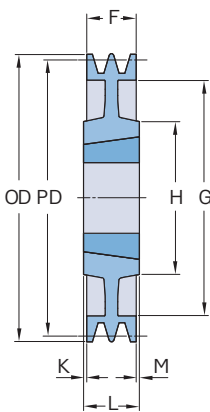
Wedge belt pulleys
SPB taper bushed



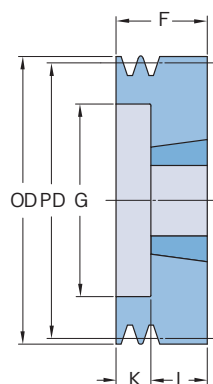
Type 6



Type 7



Type 8

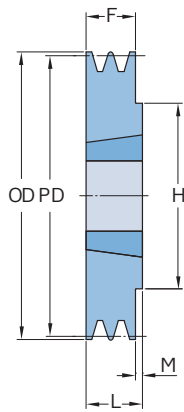


Type 9

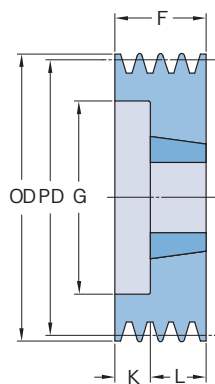
Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		Max.	F	G	K	L	M	H	Mass ¹⁾	Designation		
					Outer diameter OD	B Min.											
—	—	mm	—	—	mm									kg	—		
SPB	1	355	4	3020	362.0	25	75	25	312	13.0	51	13.0	146	9.5	PHP 1SPB355TB		
		375	4	3020	382	25	75	25	332	13	51	13	150	10	PHP 1SPB375TB		
		400	4	3020	407.0	25	75	25	357	13.0	51	13.0	146	11.0	PHP 1SPB400TB		
		425	4	3020	432	25	75	25	382	13	51	13	150	11	PHP 1SPB425TB		
		450	4	3020	457.0	25	75	25	407	13.0	51	13.0	150	12.3	PHP 1SPB450TB		
		475	4	3020	482	25	75	25	432	13	51	13	150	12.5	PHP 1SPB475TB		
		500	4	3020	507.0	25	75	25	457	13.0	51	13.0	150	14.6	PHP 1SPB500TB		
		560	4	3020	567.0	25	75	25	517	13.0	51	13.0	150	18.5	PHP 1SPB560TB		
		630	4	3020	637.0	25	75	25	587	13.0	51	13.0	150	20.5	PHP 1SPB630TB		
		SPB	2	80	8	1108	87	9	28	44	42	22	22	—	—	0.86	PHP 2SPB80TB
90	8			1210	97	11	32	44	52	19	25	—	—	0.92	PHP 2SPB90TB		
100	6			1610	107.0	14	42	44	62	19.0	25	—	—	1.3	PHP 2SPB100TB		
106	6			1610	113.0	14	42	44	67	19.0	25	—	—	1.5	PHP 2SPB106TB		
112	6			1610	119.0	14	42	44	72	19.0	25	—	—	1.5	PHP 2SPB112TB		
118	2			1610	125.0	14	42	44	78	—	25	19.0	—	1.7	PHP 2SPB118TB		
125	2			2012	132.0	14	50	44	82	—	32	12.0	—	2.0	PHP 2SPB125TB		
132	2			2012	139.0	14	50	44	89	—	32	12.0	—	2.4	PHP 2SPB132TB		
140	2			2012	147.0	14	50	44	97	—	32	12.0	—	2.8	PHP 2SPB140TB		
150	2			2012	157.0	14	50	44	107	—	32	12.0	—	3.3	PHP 2SPB150TB		
160	2			2012	167.0	14	50	44	117	—	32	12.0	—	4.0	PHP 2SPB160TB		
170	2			2012	177.0	14	50	44	127	—	32	12.0	—	4.4	PHP 2SPB170TB		
180	1			2517	187.0	16	60	44	—	—	45	1.0	120	5.5	PHP 2SPB180TB		
190	1			2517	197.0	16	60	44	—	—	45	1.0	120	6.5	PHP 2SPB190TB		
200	1			2517	207.0	16	60	44	—	—	45	1.0	120	7.5	PHP 2SPB200TB		
212	8			2517	219.0	16	60	44	169	—	45	1.0	120	7.0	PHP 2SPB212TB		
224	4			2517	231.0	16	60	44	181	—	45	1.0	120	7.7	PHP 2SPB224TB		
236	4			2517	243.0	16	60	44	193	—	45	1.0	120	8.3	PHP 2SPB236TB		
250	4			2517	257.0	16	60	44	207	—	45	1.0	120	8.6	PHP 2SPB250TB		
265	4			2517	272	16	60	44	222	—	45	1	125	7.5	PHP 2SPB265TB		
280	4			2517	287.0	16	60	44	237	—	45	1.0	120	10.1	PHP 2SPB280TB		
290	4			2517	297	16	60	44	247	—	45	1	125	8.3	PHP 2SPB290TB		
300	4			2517	307.0	16	60	44	257	—	45	1.0	120	11.0	PHP 2SPB300TB		
315	4			2517	322.0	16	60	44	272	—	45	1.0	120	12.2	PHP 2SPB315TB		
335	4			2517	342.0	16	60	44	292	—	45	1.0	120	14.0	PHP 2SPB335TB		
355	4			3020	362.0	25	75	44	312	3.5	51	3.5	120	15.9	PHP 2SPB355TB		
375	4			3020	382	25	75	44	332	3.5	51	3.5	144	11.45	PHP 2SPB375TB		
400	4			3020	407.0	25	75	44	357	3.5	51	3.5	150	18.3	PHP 2SPB400TB		
425	4			3020	432	25	75	44	382	3.5	51	3.5	150	14.3	PHP 2SPB425TB		
450	4			3020	457.0	25	75	44	407	3.5	51	3.5	150	16.3	PHP 2SPB450TB		
475	4			3020	482	25	75	44	432	3.5	51	3.5	150	17.05	PHP 2SPB475TB		
500	4			3020	507.0	25	75	44	457	3.5	51	3.5	150	18.6	PHP 2SPB500TB		
530	4			3020	537	25	75	44	487	3.5	51	3.5	150	17.82	PHP 2SPB530TB		
560	4			3030	567.0	35	75	44	517	4.0	76	28.0	150	22.5	PHP 2SPB560TB		
630	4			3030	637.0	35	75	44	587	16.0	76	—	150	25.5	PHP 2SPB630TB		
710	4			3030	717	25	75	44	664	16	76	16	150	30.45	PHP 2SPB710TB		
800	4			3030	807	25	75	44	754	16	76	16	150	34.4	PHP 2SPB800TB		
SPB	3			80	8	1108	87	9	28	63	40	41	22	—	—	1.2	PHP 3SPB80TB
				90	8	1210	97	11	32	63	50	38	25	—	—	1.4	PHP 3SPB90TB
				100	6	1610	107.0	14	42	63	62	38.0	25	—	—	0.9	PHP 3SPB100TB
				106	6	1610	113.0	14	42	63	67	38.0	25	—	—	2.0	PHP 3SPB106TB
				112	6	1610	119.0	14	42	63	72	38.0	25	—	—	2.0	PHP 3SPB112TB
				118	2	1610	125.0	14	42	63	78	—	25	38.0	—	2.3	PHP 3SPB118TB
				125	2	2012	132.0	14	50	63	82	—	32	31.0	—	2.5	PHP 3SPB125TB
		132	2	2012	139.0	14	50	63	89	—	32	12.0	—	2.4	PHP 3SPB132TB		
		140	2	2012	147.0	14	50	63	97	—	32	12.0	—	2.8	PHP 3SPB140TB		
		150	2	2012	157.0	14	50	63	107	—	32	12.0	—	3.3	PHP 3SPB150TB		

¹⁾ Mass does not include bushings.
Non-functional dimensions may vary slightly.

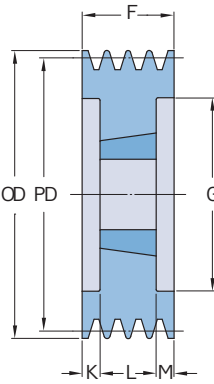
Wedge belt pulleys
SPB taper bushed



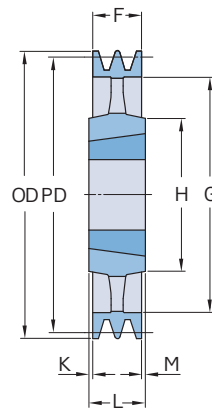
Type 1



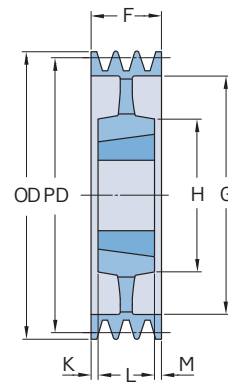
Type 2



Type 3



Type 4

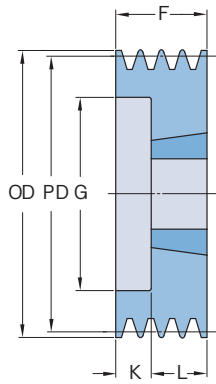


Type 5

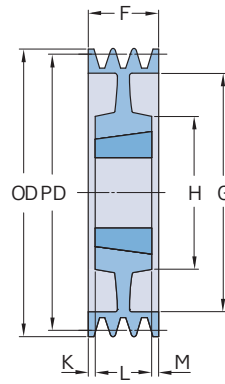
Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions			F	G	K	L	M	H	Mass ¹⁾	Designation
					Outer diameter OD	B Min.	Max.								
—	—	mm	—	—	mm									kg	—
SPB	3	132	2	2012	139.0	14	50	63	89	—	32	31.0	—	3.1	PHP 3SPB132TB
		140	2	2012	147.0	14	50	63	97	—	32	31.0	—	3.5	PHP 3SPB140TB
		150	2	2517	157.0	16	60	63	107	—	45	18.0	—	4.0	PHP 3SPB150TB
		160	2	2517	167.0	16	60	63	117	—	45	18.0	—	4.9	PHP 3SPB160TB
		170	2	2517	177.0	16	60	63	127	—	45	18.0	—	5.7	PHP 3SPB170TB
		180	2	2517	187.0	16	60	63	137	—	45	18.0	—	6.7	PHP 3SPB180TB
		190	2	2517	197.0	16	60	63	147	—	45	18.0	—	7.6	PHP 3SPB190TB
		200	2	2517	207.0	16	60	63	157	—	45	18.0	—	8.9	PHP 3SPB200TB
		212	7	2517	219.0	16	60	63	169	—	45	18.0	120	8.2	PHP 3SPB212TB
		224	4	2517	231.0	16	60	63	181	—	45	18.0	120	9.1	PHP 3SPB224TB
		236	4	2517	243.0	16	60	63	193	—	45	18.0	120	9.8	PHP 3SPB236TB
		250	4	3020	257.0	25	75	63	207	—	51	12.0	150	11.2	PHP 3SPB250TB
		265	5	3020	272	25	75	63	222	—	51	12	144	10.25	PHP 3SPB265TB
		280	4	3020	287.0	25	75	63	237	6.0	51	6.0	150	12.0	PHP 3SPB280TB
		290	5	3020	297	25	75	63	247	6	51	6	144	11.34	PHP 3SPB290TB
		300	4	3020	307.0	25	75	63	257	6.0	51	6.0	150	13.5	PHP 3SPB300TB
		315	4	3020	322.0	25	75	63	272	6.0	51	6.0	150	14.2	PHP 3SPB315TB
		335	4	3020	342.0	25	75	63	292	6.0	51	6.0	150	16.0	PHP 3SPB335TB
		355	4	3020	362.0	25	75	63	312	6.0	51	6.0	150	17.7	PHP 3SPB355TB
		375	4	3535	382	35	90	63	332	13	89	13	175	20.17	PHP 3SPB375TB
		400	4	3535	407.0	35	90	63	357	13.0	89	13.0	170	25.0	PHP 3SPB400TB
		425	4	3535	432	35	90	63	382	—	89	26	175	23.07	PHP 3SPB425TB
		450	4	3535	457.0	35	90	63	407	—	89	26.0	170	26.3	PHP 3SPB450TB
		475	4	3535	482	35	90	63	432	—	89	26	175	25.2	PHP 3SPB475TB
		500	4	3535	507.0	35	90	63	457	—	89	26.0	170	29.9	PHP 3SPB500TB
		530	4	3535	537	35	90	63	487	—	89	26	175	29	PHP 3SPB530TB
		560	4	3535	567.0	35	90	63	517	—	89	26.0	170	37.2	PHP 3SPB560TB
		600	4	3535	607	35	90	63	557	—	89	26	175	35	PHP 3SPB600TB
		630	4	3535	637.0	35	90	63	587	—	89	26.0	170	41.0	PHP 3SPB630TB
		710	4	3535	717.0	35	90	63	664	13.0	89	13.0	170	48.0	PHP 3SPB710TB
		800	4	3535	807.0	35	90	63	754	13.0	89	13.0	170	55.0	PHP 3SPB800TB
		900	4	3535	907.0	35	90	63	854	13.0	89	13.0	170	64.1	PHP 3SPB900TB
		1000	4	4040	1007.0	40	100	63	954	20.0	102	20.0	210	72.0	PHP 3SPB1000TB
		1120	4	4040	1127	40	100	63	1074	19.5	102	19.5	210	71	PHP 3SPB1120TB
		1250	4	4040	1257.0	40	100	63	1204	20.0	102	20.0	210	140.0	PHP 3SPB1250TB
SPB	4	90	8	1210	97	11	32	82	50	57	25	—	1.82	PHP 4SPB90TB	
		100	3	1610	107.0	14	42	82	58	29.0	25	29.0	—	2.4	PHP 4SPB100TB
		106	3	1610	113.0	14	42	82	65	29.0	25	29.0	—	2.3	PHP 4SPB106TB
		112	3	1610	119.0	14	42	82	65	29.0	25	29.0	—	2.8	PHP 4SPB112TB
		118	3	1610	125.0	14	42	82	71	29.0	25	29.0	—	3.3	PHP 4SPB118TB
		125	3	2012	132.0	14	50	82	82	25.0	32	25.0	—	3.0	PHP 4SPB125TB
		132	3	2012	139.0	14	50	82	89	25.0	32	25.0	—	3.8	PHP 4SPB132TB
		140	3	2517	147.0	16	60	82	97	18.5	45	18.5	—	4.0	PHP 4SPB140TB
		150	3	2517	157.0	16	60	82	107	18.5	45	18.5	—	4.9	PHP 4SPB150TB
		160	3	2517	167.0	16	60	82	117	18.5	45	18.5	—	5.8	PHP 4SPB160TB
		170	3	2517	177.0	16	60	82	127	18.5	45	18.5	—	6.6	PHP 4SPB170TB
		180	3	2517	187.0	16	60	82	137	18.5	45	18.5	—	7.7	PHP 4SPB180TB
		190	3	2517	197.0	16	60	82	147	18.5	45	18.5	—	8.6	PHP 4SPB190TB
		200	3	3020	207.0	25	75	82	157	15.5	51	15.5	—	9.3	PHP 4SPB200TB
		212	3	3020	219.0	25	75	82	169	15.5	51	15.5	—	10.9	PHP 4SPB212TB
		224	3	3020	231.0	25	75	82	181	15.5	51	15.5	—	12.4	PHP 4SPB224TB
		236	3	3020	243.0	25	75	82	193	15.5	51	15.5	—	14.1	PHP 4SPB236TB
		250	5	3020	257.0	25	75	82	207	15.5	51	15.5	150	12.7	PHP 4SPB250TB
		265	5	3020	272	25	75	82	222	15.5	51	15.5	144	12.2	PHP 4SPB265TB

¹⁾ Mass does not include bushings.
Non-functional dimensions may vary slightly.

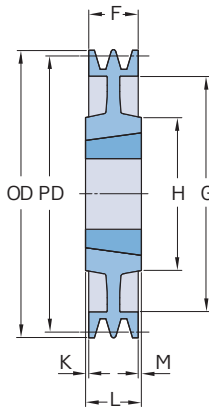
Wedge belt pulleys
SPB taper bushed



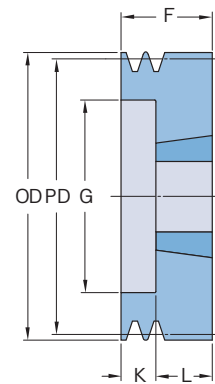
Type 6



Type 7



Type 8

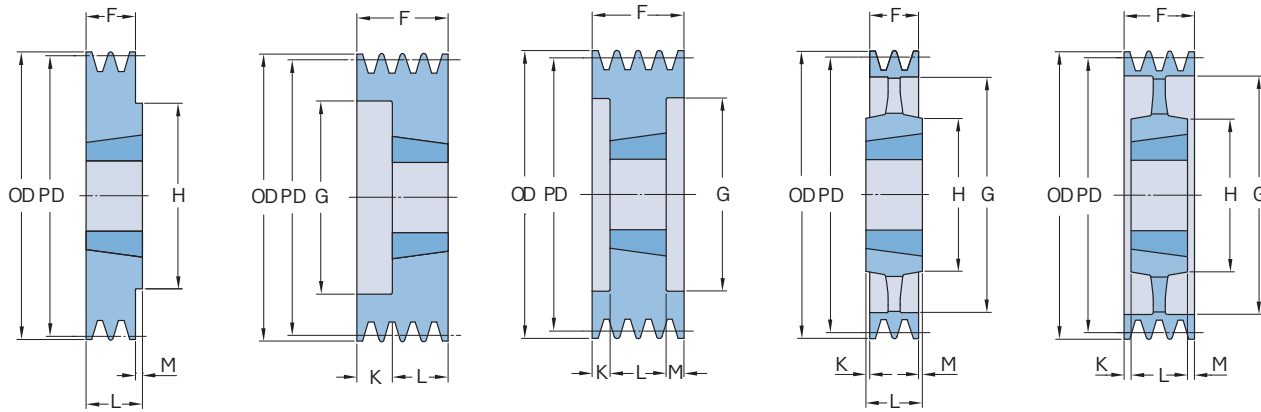


Type 9

Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		Max.	F	G	K	L	M	H	Mass ¹⁾	Designation
					Outer diameter OD	B Min.									
—	—	mm	—	—	mm									kg	—
SPB	4	280	5	3020	287.0	25	75	82	237	15.5	51	15.5	150	13.8	PHP 4SPB280TB
		290	5	3020	297	25	75	82	247	15.5	51	15.5	144	13.32	PHP 4SPB290TB
		300	4	3535	307.0	35	90	82	257	—	89	7.0	150	20.5	PHP 4SPB300TB
		315	4	3535	322.0	35	90	82	272	3.5	89	3.5	170	20.6	PHP 4SPB315TB
		335	4	3535	342.0	35	90	82	292	3.5	89	3.5	170	22.0	PHP 4SPB335TB
		355	4	3535	362.0	35	90	82	312	3.5	89	3.5	170	23.2	PHP 4SPB355TB
		375	4	3535	382	35	90	82	332	3.5	89	3.5	175	23.05	PHP 4SPB375TB
		400	4	3535	407.0	35	90	82	357	3.5	89	3.5	170	26.5	PHP 4SPB400TB
		425	4	3535	432	35	90	82	382	—	89	7	175	26.26	PHP 4SPB425TB
		450	4	3535	457.0	35	90	82	407	—	89	7.0	170	29.7	PHP 4SPB450TB
		475	4	3535	482	35	90	82	432	—	89	7	175	29.74	PHP 4SPB475TB
		500	4	3535	507.0	35	90	82	457	—	89	7.0	170	34.7	PHP 4SPB500TB
		530	4	3535	537	35	90	82	487	—	89	7	175	31	PHP 4SPB530TB
		560	4	3535	567.0	35	90	82	517	—	89	7.0	170	39.0	PHP 4SPB560TB
		600	4	3535	607	35	90	82	557	—	89	7	175	40.1	PHP 4SPB600TB
		630	4	3535	637.0	35	90	82	587	—	89	7.0	170	44.5	PHP 4SPB630TB
		710	4	3535	717.0	35	90	82	664	3.5	89	3.5	187	50.5	PHP 4SPB710TB
		800	4	4040	807.0	40	100	82	754	10.0	102	10.0	200	60.5	PHP 4SPB800TB
		900	4	4040	907.0	40	100	82	854	10.0	102	10.0	216	70.0	PHP 4SPB900TB
		1 000	4	4040	1 007.0	40	100	82	954	10.0	102	10.0	216	76.5	PHP 4SPB1 000TB
		1 120	4	4040	1 127	40	100	82	1 074	10	102	10	210	98.8	PHP 4SPB1 120TB
		1 250	4	4545	1 257.0	55	110	82	1 204	16.0	114	16.0	225	162.0	PHP 4SPB1 250TB
SPB	5	100	8	1615	107	14	42	101	60	63	38	—	—	2.8	PHP 5SPB100TB
		118	8	1615	125	14	42	101	78	63	38	—	—	3.88	PHP 5SPB118TB
		125	6	2012	132.0	14	50	101	87	69.0	32	—	—	3.6	PHP 5SPB125TB
		132	6	2517	139.0	16	60	101	94	56.0	45	—	—	3.8	PHP 5SPB132TB
		140	3	2517	147.0	16	60	101	97	28.0	45	28.0	—	4.2	PHP 5SPB140TB
		150	3	2517	157.0	16	60	101	107	28.0	45	28.0	—	5.7	PHP 5SPB150TB
		160	3	2517	167.0	16	60	101	117	28.0	45	28.0	—	6.7	PHP 5SPB160TB
		170	3	3020	177.0	25	75	101	127	25.0	51	25.0	—	6.7	PHP 5SPB170TB
		180	3	3020	187.0	25	75	101	137	25.0	51	25.0	—	7.8	PHP 5SPB180TB
		190	3	3020	197.0	25	75	101	147	25.0	51	25.0	—	9.1	PHP 5SPB190TB
		200	3	3020	207.0	25	75	101	157	25.0	51	25.0	—	10.3	PHP 5SPB200TB
		212	3	3020	219.0	25	75	101	169	25.0	51	25.0	—	12.2	PHP 5SPB212TB
		224	3	3020	231.0	25	75	101	181	25.0	51	25.0	—	13.7	PHP 5SPB224TB
		236	3	3535	243.0	35	90	101	193	6.0	89	6.0	—	15.9	PHP 5SPB236TB
		250	3	3535	257.0	35	90	101	207	6.0	89	6.0	—	18.6	PHP 5SPB250TB
		265	6	3535	272	35	90	101	222	6	89	6	175	21.77	PHP 5SPB265TB
		280	7	3535	287.0	35	90	101	237	6.0	89	6.0	170	21.4	PHP 5SPB280TB
		300	5	3535	307.0	35	90	101	257	6.0	89	6.0	170	22.5	PHP 5SPB300TB
		315	5	3535	322.0	35	90	101	272	6.0	89	6.0	170	22.3	PHP 5SPB315TB
		335	5	3535	342.0	35	90	101	292	6.0	89	6.0	170	24.0	PHP 5SPB335TB
		355	4	3535	362.0	35	90	101	312	6.0	89	6.0	170	25.5	PHP 5SPB355TB
		375	5	3535	382	35	90	101	332	6	89	6	175	24.36	PHP 5SPB375TB
		400	5	3535	407.0	35	90	101	357	6.0	89	6.0	170	30.2	PHP 5SPB400TB
		425	5	3535	432	35	90	101	382	6	89	6	175	29.4	PHP 5SPB425TB
		450	5	3535	457.0	35	90	101	407	—	89	12.0	170	32.8	PHP 5SPB450TB
		475	5	3535	482	35	90	101	432	—	89	12	175	32.69	PHP 5SPB475TB
		500	5	3535	507.0	35	90	101	457	—	89	12.0	170	36.7	PHP 5SPB500TB
		530	5	3535	537.0	35	90	101	487	—	89	12.0	170	39.2	PHP 5SPB530TB
		560	4	4040	567.0	40	100	101	517	—	102	1.0	200	45.6	PHP 5SPB560TB
		600	4	4040	607	40	100	101	557	—	102	1	210	47.6	PHP 5SPB600TB
		630	4	4040	637.0	40	100	101	587	—	102	1.0	200	50.0	PHP 5SPB630TB

¹⁾ Mass does not include bushings.
Non-functional dimensions may vary slightly.

Wedge belt pulleys
SPB taper bushed



Type 1

Type 2

Type 3

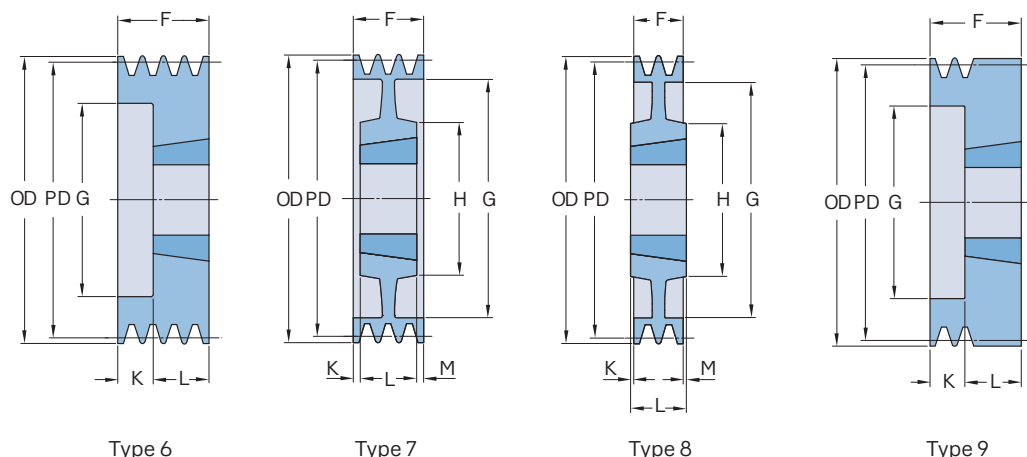
Type 4

Type 5

Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		Outer diameter OD		F	G	K	L	M	H	Mass ¹⁾	Designation
		mm			mm	B Min.	Max.								kg	
SPB	5	710	4	4040	717.0	40	100	101	664	—	102	1.0	200	63.5		PHP 5SPB710TB
		800	4	4040	807.0	40	100	101	754	—	102	1.0	200	67.0		PHP 5SPB800TB
		900	4	4040	907.0	40	100	101	854	—	114	1.0	200	103.0		PHP 5SPB900TB
		1000	4	4545	1007.0	55	110	101	954	6.5	114	6.5	225	110.0		PHP 5SPB1000TB
		1120	4	4545	1127	55	110	101	1074	6.5	114	6.5	242	101.31		PHP 5SPB1120TB
		1250	4	4545	1257.0	55	110	101	1204	6.5	114	6.5	225	180.0		PHP 5SPB1250TB
		1400	4	5040	1407	50	125	101	1354	0.5	102	0.5	267	153		PHP 5SPB1400TB
		100	8	1615	107	14	42	120	60	82	38	—	—	2.57		PHP 6SPB100TB
		118	3	1615	125	14	42	120	78	41	38	41	—	4.22		PHP 6SPB118TB
		125	3	2012	132.0	14	50	120	83	44.0	32	44.0	—	4.2		PHP 6SPB125TB
SPB	6	132	3	2012	139.0	14	50	120	90	44.0	32	44.0	—	4.5		PHP 6SPB132TB
		140	3	2517	147.0	16	60	120	97	37.5	45	37.5	—	4.7		PHP 6SPB140TB
		150	3	2517	157.0	16	60	120	107	37.5	45	37.5	—	6.5		PHP 6SPB150TB
		160	3	3020	167.0	25	75	120	117	34.5	51	34.5	—	5.9		PHP 6SPB160TB
		170	3	3020	177.0	25	75	120	127	34.5	51	34.5	—	7.6		PHP 6SPB170TB
		180	3	3020	187.0	25	75	120	137	34.5	51	34.5	—	8.9		PHP 6SPB180TB
		190	3	3020	197.0	25	75	120	147	34.5	51	34.5	—	10.2		PHP 6SPB190TB
		200	3	3020	207.0	25	75	120	157	34.5	51	34.5	—	11.7		PHP 6SPB200TB
		212	3	3535	219.0	35	90	120	169	15.5	89	15.5	—	13.2		PHP 6SPB212TB
		224	3	3535	231.0	35	90	120	181	15.5	89	15.5	—	15.2		PHP 6SPB224TB
		236	3	3535	243.0	35	90	120	193	15.5	89	15.5	—	17.6		PHP 6SPB236TB
		250	3	3535	257.0	35	90	120	207	15.5	89	15.5	—	20.2		PHP 6SPB250TB
		265	6	3535	272	35	90	120	222	15.5	89	15.5	175	23.65		PHP 6SPB265TB
		280	7	3535	287.0	35	90	120	237	15.5	89	15.5	191	23.5		PHP 6SPB280TB
		300	5	3535	307.0	35	90	120	257	15.5	89	15.5	191	24.0		PHP 6SPB300TB
		315	5	3535	322.0	35	90	120	272	15.5	89	15.5	191	24.1		PHP 6SPB315TB
		335	5	3535	342.0	35	90	120	292	15.5	89	15.5	191	26.0		PHP 6SPB335TB
		355	5	3535	362.0	35	90	120	312	15.5	89	15.5	191	28.3		PHP 6SPB355TB
		375	5	3535	382	35	90	120	332	15.5	89	15.5	175	28.4		PHP 6SPB375TB
		400	5	3535	407.0	35	90	120	357	15.5	89	15.5	191	31.8		PHP 6SPB400TB
		425	5	3535	432	35	90	120	382	15.5	89	15.5	175	31.9		PHP 6SPB425TB
		450	5	4040	457.0	40	100	120	407	—	102	18.0	191	35.3		PHP 6SPB450TB
		475	5	4040	482	40	100	120	432	—	102	18	210	40.3		PHP 6SPB475TB
		500	5	4040	507.0	40	100	120	457	—	102	18.0	191	40.7		PHP 6SPB500TB
		530	5	4040	537	40	100	120	487	—	102	18	210	46.15		PHP 6SPB530TB
		560	5	4040	567.0	40	100	120	517	—	102	18.0	191	49.2		PHP 6SPB560TB
		630	5	4040	637.0	40	100	120	587	—	102	18.0	191	53.5		PHP 6SPB630TB
		710	5	4040	717.0	40	100	120	664	9.0	102	9.0	240	69.0		PHP 6SPB710TB
		800	5	4545	807.0	55	110	120	754	3.0	114	3.0	240	84.5		PHP 6SPB800TB
		900	5	4545	907.0	55	110	120	854	3.0	114	3.0	240	94.5		PHP 6SPB900TB
		1000	5	4545	1007.0	55	110	120	954	3.0	114	3.0	240	104.0		PHP 6SPB1000TB
		1250	5	4545	1257.0	55	110	120	1204	3.0	127	3.0	240	210.0		PHP 6SPB1250TB
		1400	4	5050	1407	50	125	120	1354	3.5	127	3.5	267	146.07		PHP 6SPB1400TB
SPB	8	140	3	2517	147.0	16	60	158	97	56.5	45	56.5	—	6.8		PHP 8SPB140TB
		150	3	2517	157	16	60	158	107	56.5	45	56.5	—	7.97		PHP 8SPB150TB
		160	3	3020	167.0	25	75	158	117	53.5	51	53.5	—	8.3		PHP 8SPB160TB
		170	3	3030	177.0	35	75	158	127	41.0	76	41.0	—	9.5		PHP 8SPB170TB
		180	3	3030	187.0	35	75	158	137	41.0	76	41.0	—	10.8		PHP 8SPB180TB
		190	3	3030	197.0	35	75	158	147	41.0	76	41.0	—	12.3		PHP 8SPB190TB
		200	3	3535	207.0	35	90	158	157	34.5	89	34.5	—	13.7		PHP 8SPB200TB
		212	3	3535	219.0	35	90	158	169	34.5	89	34.5	—	15.8		PHP 8SPB212TB
		224	3	3535	231.0	35	90	158	181	34.5	89	34.5	—	17.9		PHP 8SPB224TB
		236	3	3535	243.0	35	90	158	193	34.5	89	34.5	—	20.0		PHP 8SPB236TB

¹⁾ Mass does not include bushings.
Non-functional dimensions may vary slightly.

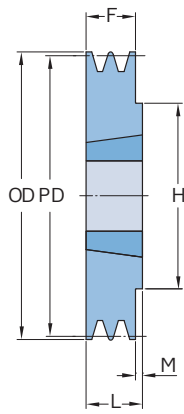
Wedge belt pulleys
SPB taper bushed | SPC taper bushed



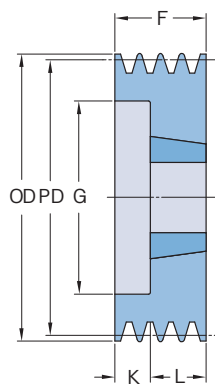
Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		Mass ¹⁾								Designation
					Outer diameter OD	B Min.	Max.	F	G	K	L	M	H	kg	
SPB	8	250	3	3535	257.0	35	90	158	207	34.5	89	34.5	—	23.2	PHP 8SPB250TB
		265	6	3535	272	35	90	158	222	34.5	89	34.5	175	24.25	PHP 8SPB265TB
		280	7	3535	287.0	35	90	158	237	34.5	89	34.5	—	26.6	PHP 8SPB280TB
		300	7	3535	307.0	35	90	158	257	34.5	89	34.5	170	27.3	PHP 8SPB300TB
		315	7	3535	322.0	35	90	158	272	34.5	89	34.5	170	28.0	PHP 8SPB315TB
		335	7	3535	342.0	35	90	158	292	34.5	89	34.5	170	30.5	PHP 8SPB335TB
		355	7	3535	362.0	35	90	158	312	34.5	89	34.5	170	31.5	PHP 8SPB355TB
		375	5	3535	382	35	90	158	332	34.5	89	34.5	175	33.15	PHP 8SPB375TB
		400	5	4040	407.0	40	100	158	357	28.0	102	28.0	200	43.0	PHP 8SPB400TB
		425	5	4040	432	40	100	158	382	28	102	28	210	38.12	PHP 8SPB425TB
		450	5	4040	457.0	40	100	158	407	28.0	102	28.0	200	46.0	PHP 8SPB450TB
		500	5	4040	507.0	40	100	158	457	28.0	102	28.0	200	52.0	PHP 8SPB500TB
		530	5	4040	537	40	100	158	487	28	102	28	210	53.04	PHP 8SPB530TB
		560	5	4545	567.0	55	110	158	517	22.0	114	22.0	225	54.5	PHP 8SPB560TB
		630	5	4545	637.0	55	110	158	587	22.0	114	22.0	225	67.0	PHP 8SPB630TB
		710	5	4545	717.0	55	110	158	664	22.0	114	22.0	225	75.5	PHP 8SPB710TB
		800	5	4545	807.0	55	110	158	754	22.0	114	22.0	225	94.5	PHP 8SPB800TB
		900	5	4545	907.0	55	110	158	854	22.0	114	22.0	225	113.5	PHP 8SPB900TB
		1 000	5	5050	1 007.0	70	125	158	954	15.5	127	15.5	245	121.5	PHP 8SPB1000TB
		1 120	5	5050	1 127	50	125	158	1 074	15.5	127	15.5	267	145	PHP 8SPB1120TB
		1 250	5	5050	1 257.0	70	125	158	1 204	15.5	127	15.5	245	242.0	PHP 8SPB1250TB
		1 400	5	5050	1 407	50	125	158	1 354	15.5	127	15.5	267	195	PHP 8SPB1400TB
SPB	10	160	3	3030	167	25	75	196	119	60	76	60	—	9.82	PHP 10SPB160TB
		170	3	3030	177	25	75	196	127	60	76	60	—	11.88	PHP 10SPB170TB
		180	3	3030	187	25	75	196	137	60	76	60	—	13.65	PHP 10SPB180TB
		190	3	3030	197	25	75	196	147	60	76	60	—	15	PHP 10SPB190TB
		200	3	3535	207	35	90	196	157	53.5	89	53.5	—	17.05	PHP 10SPB200TB
		212	3	3535	219	35	90	196	169	53.5	89	53.5	—	19.96	PHP 10SPB212TB
		224	3	3535	231.0	35	90	196	181	53.5	89	53.5	—	20.5	PHP 10SPB224TB
		236	3	3535	243.0	35	90	196	193	53.5	89	53.5	—	22.6	PHP 10SPB236TB
		250	3	3535	257.0	35	90	196	207	53.5	89	53.5	—	26.6	PHP 10SPB250TB
		265	6	3535	272	35	90	196	222	53.5	89	53.5	175	27.6	PHP 10SPB265TB
		280	6	3535	287.0	35	90	196	237	53.5	89	53.5	—	27.8	PHP 10SPB280TB
		300	6	3535	307	35	90	196	257	53.5	89	53.5	175	32.97	PHP 10SPB300TB
		315	7	3535	322.0	35	90	196	272	53.5	89	53.5	170	28.8	PHP 10SPB315TB
		335	5	4040	342.0	40	100	196	292	47.0	102	47.0	200	32.0	PHP 10SPB335TB
		355	5	4040	362.0	40	100	196	312	47.0	102	47.0	200	33.5	PHP 10SPB355TB
		375	5	4040	382	40	100	196	332	47	102	47	210	44.5	PHP 10SPB375TB
		400	5	4040	407.0	40	100	196	357	47.0	102	47.0	200	36.0	PHP 10SPB400TB
		450	5	4545	457.0	55	110	196	407	41.0	114	41.0	225	47.0	PHP 10SPB450TB
		500	5	4545	507.0	55	110	196	457	41.0	114	41.0	225	55.0	PHP 10SPB500TB
		560	5	4545	567.0	55	110	196	517	41.0	114	41.0	225	59.0	PHP 10SPB560TB
		630	5	4545	637.0	55	110	196	587	41.0	114	41.0	225	66.0	PHP 10SPB630TB
		710	5	4545	717.0	55	125	196	664	41.0	114	41.0	225	75.0	PHP 10SPB710TB
		800	5	4545	807.0	55	125	196	754	41.0	114	41.0	225	96.0	PHP 10SPB800TB
		900	5	5050	907.0	70	125	196	854	34.5	127	34.5	245	119.0	PHP 10SPB900TB
		1 000	5	5050	1 007.0	70	125	196	954	34.5	127	34.5	245	141.0	PHP 10SPB1000TB
		1 250	5	5050	1 257.0	70	125	196	1 203	35.0	127	—	—	265.0	PHP 10SPB1250TB
SPC	3	140	3	2012	149	14	50	85	84	26.5	32	26.5	—	4.67	PHP 3SPC140TB
		150	3	2012	159	14	50	85	94	26.5	32	26.5	—	5.33	PHP 3SPC150TB
		160	3	2517	169	16	60	85	104	20	45	20	—	6.1	PHP 3SPC160TB
		170	3	2517	179	16	60	85	114	20	45	20	—	6.9	PHP 3SPC170TB
		180	3	2517	189	16	60	85	124	20	45	20	—	7.94	PHP 3SPC180TB

¹⁾ Mass does not include bushings.
Non-functional dimensions may vary slightly.

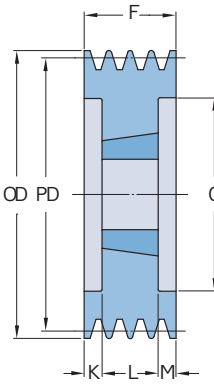
Wedge belt pulleys
SPC taper bushed



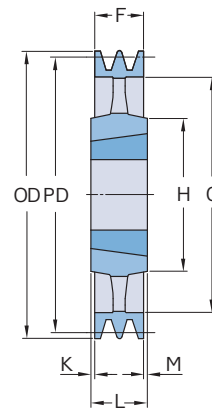
Type 1



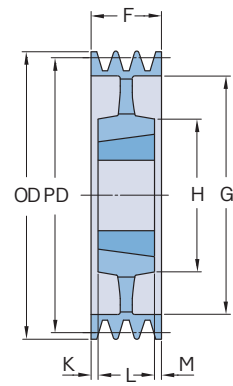
Type 2



Type 3



Type 4

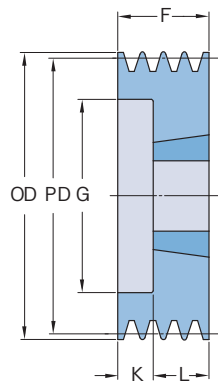


Type 5

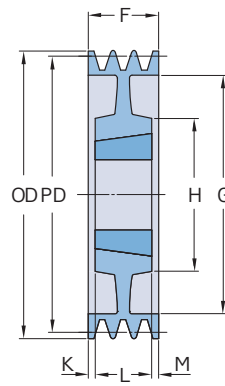
Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions										Mass ¹⁾	Designation
					Outer diameter OD	B Min.	Max.	F	G	K	L	M	H			
—	—	mm	—	—	mm									kg	—	
SPC	3	190	3	2517	199	16	60	85	134	20	45	20	—	8.9	PHP 3SPC190TB	
		200	3	2517	209.6	16	60	85	150	20.0	45	20.0	—	10.2	PHP 3SPC200TB	
		212	3	3020	221.6	25	75	85	162	17.0	51	17.0	—	11.2	PHP 3SPC212TB	
		224	3	3020	233.6	25	75	85	173	17.0	51	17.0	—	12.7	PHP 3SPC224TB	
		236	3	3020	245.6	25	75	85	185	17.0	51	17.0	—	14.4	PHP 3SPC236TB	
		250	3	3020	259.6	25	75	85	194	17.0	51	17.0	—	16.5	PHP 3SPC250TB	
		265	1	3535	274.6	35	90	85	—	—	89	4.0	170	19.7	PHP 3SPC265TB	
		280	1	3535	289.6	35	90	85	—	—	89	4.0	170	22.7	PHP 3SPC280TB	
		300	4	3535	309.6	35	90	85	249	2.0	89	2.0	170	22.7	PHP 3SPC300TB	
		315	7	3535	324.6	35	90	85	264	2.0	89	2.0	170	22.0	PHP 3SPC315TB	
		335	4	3535	344.6	35	90	85	284	2.0	89	2.0	170	24.1	PHP 3SPC335TB	
		355	4	3535	364.6	35	90	85	304	2.0	89	2.0	170	26.2	PHP 3SPC355TB	
		375	4	3535	384.6	35	90	85	324	2.0	89	2.0	170	28.0	PHP 3SPC375TB	
		400	4	3535	409.6	35	90	85	344	2.0	89	2.0	170	29.3	PHP 3SPC400TB	
		425	4	3535	434.6	35	90	85	369	2.0	89	2.0	170	32.8	PHP 3SPC425TB	
		450	4	3535	459.6	35	90	85	394	2.0	89	2.0	170	34.7	PHP 3SPC450TB	
		475	4	3535	484.6	35	90	85	419	2.0	89	2.0	170	36.5	PHP 3SPC475TB	
		500	4	3535	509.6	35	90	85	444	2.0	89	2.0	170	40.0	PHP 3SPC500TB	
		530	4	3535	539.6	35	90	85	474	2.0	89	2.0	170	42.5	PHP 3SPC530TB	
		560	4	3535	569.6	35	90	85	504	2.0	89	2.0	170	45.9	PHP 3SPC560TB	
		630	4	4040	639.6	40	100	85	574	8.5	102	8.5	200	76.3	PHP 3SPC630TB	
		710	4	4040	719.6	70	100	85	654	8.5	102	8.5	200	81.6	PHP 3SPC710TB	
		800	4	4545	809.6	55	110	85	737	14.5	114	14.5	225	87.0	PHP 3SPC800TB	
		1000	4	5050	1009.6	70	125	85	937	21.0	127	21.0	245	120.0	PHP 3SPC1000TB	
		1250	4	5050	1259.6	70	125	85	1187	21.0	127	21.0	245	175.0	PHP 3SPC1250TB	
SPC	4	150	3	2012	159	14	50	111	94	39.5	32	39.5	—	6.7	PHP 4SPC150TB	
		160	3	2517	169	16	60	111	104	33	45	33	—	7.34	PHP 4SPC160TB	
		170	3	3020	179	25	75	111	120	30	51	30	—	6.9	PHP 4SPC170TB	
		180	3	3020	189	25	75	111	124	30	51	30	—	8.65	PHP 4SPC180TB	
		190	3	3020	199	25	75	111	134	30	51	30	—	9.82	PHP 4SPC190TB	
		200	3	3020	209.6	25	75	111	144	30.0	51	30.0	—	11.3	PHP 4SPC200TB	
		212	3	3020	221.6	25	75	111	156	30.0	51	30.0	—	13.0	PHP 4SPC212TB	
		224	3	3535	233.6	35	90	111	168	11.0	89	11.0	—	14.5	PHP 4SPC224TB	
		236	3	3535	245.6	35	90	111	180	11.0	89	11.0	—	16.7	PHP 4SPC236TB	
		250	3	3535	259.6	35	90	111	194	11.0	89	11.0	—	19.3	PHP 4SPC250TB	
		265	3	3535	274.6	35	90	111	209	11.0	89	11.0	—	22.4	PHP 4SPC265TB	
		280	7	3535	289.6	35	90	111	224	11.0	89	11.0	—	25.4	PHP 4SPC280TB	
		300	5	3535	309.6	35	90	111	244	11.0	89	11.0	170	25.4	PHP 4SPC300TB	
		315	5	3535	324.6	35	90	111	259	11.0	89	11.0	170	25.3	PHP 4SPC315TB	
		335	5	3535	344.6	35	90	111	279	11.0	89	11.0	170	27.4	PHP 4SPC335TB	
		355	5	3535	364.6	35	90	111	299	11.0	89	11.0	170	29.6	PHP 4SPC355TB	
		375	5	3535	384.6	35	90	111	319	11.0	89	11.0	170	31.3	PHP 4SPC375TB	
		400	5	3535	409.6	35	90	111	344	11.0	89	11.0	170	33.8	PHP 4SPC400TB	
		425	5	3535	434.6	35	90	111	369	11.0	89	11.0	170	38.0	PHP 4SPC425TB	
		450	5	3535	459.6	35	90	111	394	11.0	89	11.0	170	41.3	PHP 4SPC450TB	
		475	5	3535	484.6	35	90	111	419	11.0	89	11.0	170	43.7	PHP 4SPC475TB	
		500	5	3535	509.6	35	90	111	444	11.0	89	11.0	170	46.0	PHP 4SPC500TB	
		530	5	4040	539.6	40	100	111	474	4.5	102	4.5	170	52.0	PHP 4SPC530TB	
		560	5	4040	569.6	40	100	111	504	4.5	102	4.5	200	58.0	PHP 4SPC560TB	
		630	4	4545	639.6	55	110	111	574	1.5	114	1.5	225	63.8	PHP 4SPC630TB	
710	4	5050	719.6	70	125	111	654	8.0	127	8.0	267	83.2	PHP 4SPC710TB			
800	4	5050	809.6	70	125	111	737	8.0	127	8.0	267	102.5	PHP 4SPC800TB			
1000	4	5050	1009.6	70	125	111	937	8.0	127	8.0	267	130.0	PHP 4SPC1000TB			
1250	4	5050	1259.6	70	125	111	1187	8.0	127	8.0	267	186.0	PHP 4SPC1250TB			

¹⁾ Mass does not include bushings.
Non-functional dimensions may vary slightly.

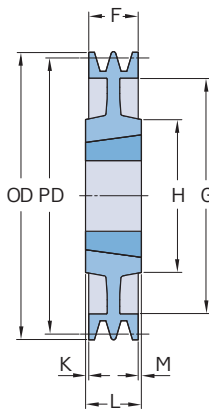
Wedge belt pulleys
SPC taper bushed



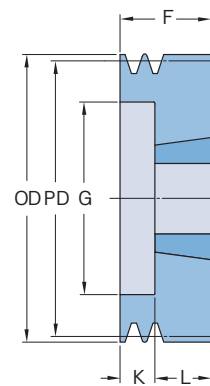
Type 6



Type 7



Type 8

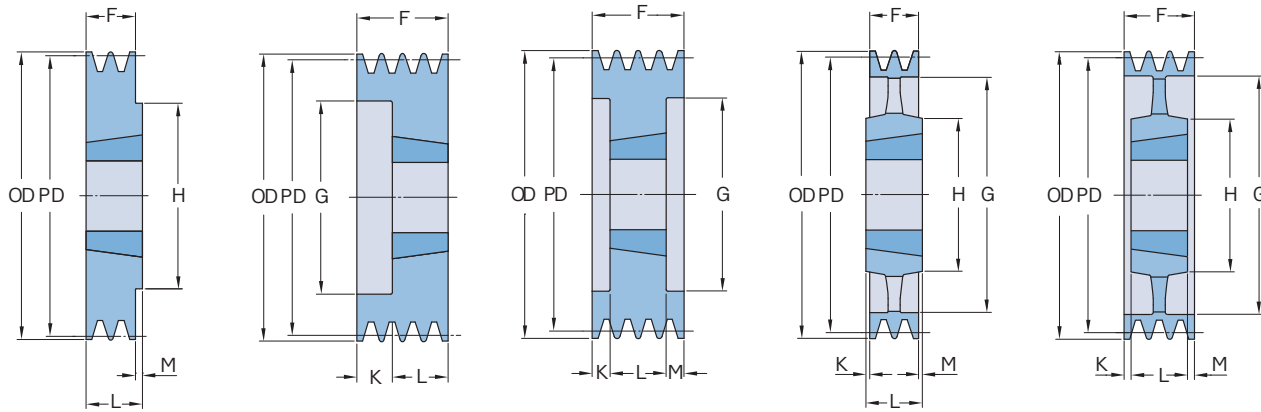


Type 9

Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		Max.	F	G	K	L	M	H	Mass ¹⁾	Designation
		mm			Outer diameter OD	B Min.									
–	–	mm	–	–	mm									kg	–
SPC	5	150	3	2012	159	14	50	136	94	52	32	52	–	8	PHP 5SPC150TB
		170	3	3020	179	25	75	136	119	42.5	51	42.5	–	8.22	PHP 5SPC170TB
		190	3	3020	199	25	75	136	134	42.5	51	42.5	–	11.53	PHP 5SPC190TB
		200	3	3535	209.6	35	90	136	150	23.5	89	23.5	–	12.2	PHP 5SPC200TB
		212	3	3535	221.6	35	90	136	160	23.5	89	23.5	–	14.5	PHP 5SPC212TB
		224	3	3535	233.6	35	90	136	173	23.5	89	23.5	–	16.6	PHP 5SPC224TB
		236	3	3535	245.6	35	90	136	185	23.5	89	23.5	–	18.9	PHP 5SPC236TB
		250	3	3535	259.6	35	90	136	198	23.5	89	23.5	–	21.5	PHP 5SPC250TB
		265	3	3535	274.6	35	90	136	213	23.5	89	23.5	–	25.0	PHP 5SPC265TB
		280	3	3535	289.6	35	90	136	228	23.5	89	23.5	–	28.4	PHP 5SPC280TB
		300	7	3535	309.6	35	90	136	247	23.5	89	23.5	170	28.2	PHP 5SPC300TB
		315	5	3535	324.6	35	90	136	264	23.5	89	23.5	170	28.1	PHP 5SPC315TB
		335	5	3535	344.6	35	90	136	280	23.5	89	23.5	170	31.1	PHP 5SPC335TB
		355	5	3535	364.6	35	90	136	304	23.5	89	23.5	170	33.1	PHP 5SPC355TB
		375	5	3535	384.6	35	90	136	324	23.5	89	23.5	170	35.6	PHP 5SPC375TB
		400	5	3535	409.6	35	90	136	344	23.5	89	23.5	170	38.5	PHP 5SPC400TB
		425	5	3535	434.6	35	90	136	369	23.5	89	23.5	170	42.5	PHP 5SPC425TB
		450	5	4040	459.6	40	100	136	394	17.0	102	17.0	200	44.3	PHP 5SPC450TB
		475	5	4040	484.6	40	100	136	419	17.0	102	17.0	200	48.5	PHP 5SPC475TB
		500	5	4040	509.6	40	100	136	444	17.0	102	17.0	200	51.0	PHP 5SPC500TB
		530	5	4545	539.6	55	110	136	474	11.0	102	11.0	200	66.0	PHP 5SPC530TB
		560	5	4545	569.6	55	110	136	504	11.0	114	11.0	200	66.7	PHP 5SPC560TB
		630	5	5050	639.6	70	125	136	574	4.5	127	4.5	245	73.0	PHP 5SPC630TB
		710	5	5050	719.6	70	125	136	654	4.5	127	4.5	245	93.0	PHP 5SPC710TB
		800	5	5050	809.6	70	125	136	737	4.5	127	4.5	245	119.0	PHP 5SPC800TB
		900	5	5050	909	50	125	136	837	4.5	127	4.5	267	135	PHP 5SPC900TB
		1000	5	5050	1009.6	70	125	136	937	4.5	127	4.5	245	147.0	PHP 5SPC1000TB
		1120	5	5050	1129	50	125	136	1057	4.5	127	4.5	267	194.4	PHP 5SPC1120TB
		1250	5	5050	1259.6	70	125	136	1187	4.5	127	4.5	245	210.0	PHP 5SPC1250TB
SPC	6	180	3	3020	189	25	75	162	124	55.5	51	55.5	–	11.88	PHP 6SPC180TB
		190	3	3020	199	25	75	162	134	55.5	51	55.5	–	12.5	PHP 6SPC190TB
		200	3	3535	209.6	35	90	162	148	36.5	89	36.5	–	14.1	PHP 6SPC200TB
		212	3	3535	221.6	35	90	162	160	36.5	89	36.5	–	16.5	PHP 6SPC212TB
		224	3	3535	233.6	35	90	162	173	36.5	89	36.5	–	18.0	PHP 6SPC224TB
		236	3	3535	245.6	35	90	162	185	36.5	89	36.5	–	21.3	PHP 6SPC236TB
		250	3	3535	259.6	35	90	162	198	36.5	89	36.5	–	29.0	PHP 6SPC250TB
		265	3	3535	274.6	35	90	162	213	36.5	89	36.5	–	30.3	PHP 6SPC265TB
		280	7	3535	289.6	35	90	162	228	36.5	89	36.5	–	31.5	PHP 6SPC280TB
		300	7	3535	309.6	35	90	162	247	36.5	89	36.5	170	31.5	PHP 6SPC300TB
		315	5	3535	324.6	35	90	162	264	36.5	89	36.5	170	33.2	PHP 6SPC315TB
		335	5	3535	344.6	35	90	162	280	36.5	89	36.5	170	37.5	PHP 6SPC335TB
		355	5	3535	364.6	35	90	162	304	36.5	89	36.5	170	40.5	PHP 6SPC355TB
		375	5	4040	384.6	40	100	162	324	30.0	102	30.0	200	44.5	PHP 6SPC375TB
		400	5	4040	409.6	40	100	162	348	30.0	102	30.0	200	48.0	PHP 6SPC400TB
		425	5	4040	434.6	40	100	162	369	30.0	102	30.0	225	51.0	PHP 6SPC425TB
		450	7	4545	459.6	55	110	162	394	24.0	114	24.0	225	57.5	PHP 6SPC450TB
		475	5	4545	484.6	55	110	162	419	24.0	114	24.0	225	62.0	PHP 6SPC475TB
		500	5	4545	509.6	55	110	162	444	24.0	114	24.0	225	67.0	PHP 6SPC500TB
		530	5	5050	539.6	70	125	162	474	17.5	114	17.5	245	74.5	PHP 6SPC530TB
		560	5	5050	569.6	70	125	162	504	17.5	127	17.5	245	77.5	PHP 6SPC560TB
		630	5	5050	639.6	70	125	162	574	17.5	127	17.5	245	88.5	PHP 6SPC630TB
		710	5	5050	719.6	70	125	162	654	17.5	127	17.5	245	107.3	PHP 6SPC710TB
		800	5	5050	809.6	70	125	162	737	17.5	127	17.5	245	126.0	PHP 6SPC800TB
		1000	5	5050	1009.6	70	125	162	937	17.5	127	17.5	245	185.0	PHP 6SPC1000TB

¹⁾ Mass does not include bushings.
Non-functional dimensions may vary slightly.

Wedge belt pulleys
SPC taper bushed



Type 1

Type 2

Type 3

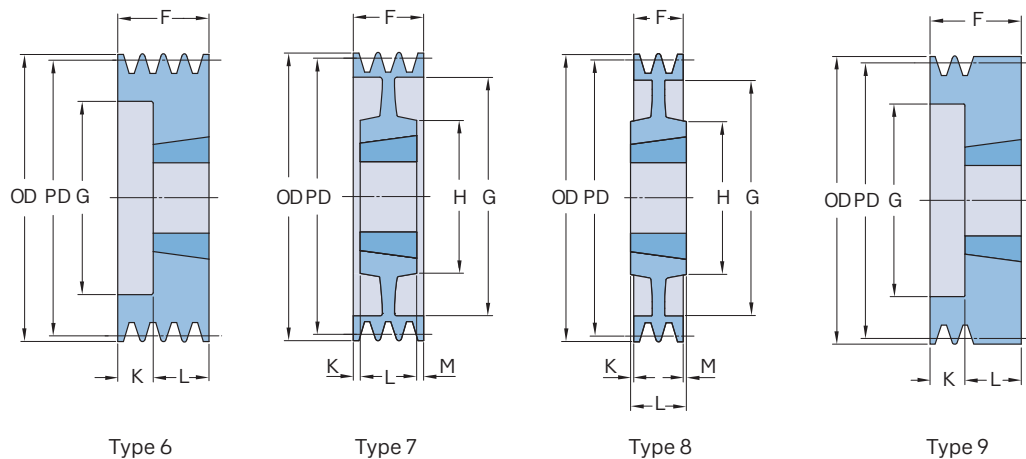
Type 4

Type 5

Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		Outer diameter OD		F		G	K	L	M	H	Mass ¹⁾	Designation
		mm			mm	B Min.	Max.									kg	
SPC	6	1120	5	5050	1129	50	125	162	1057	17.5	127	17.5	267	184.5			PHP 6SPC1120TB
		1250	5	5050	1259.6	70	125	162	1187	17.5	127	17.5	245	258.0			PHP 6SPC1250TB
		1400	5	6050	1409	100	150	162	1337	17.5	127	17.5	432	315			PHP 6SPC1400TB
		1600	5	6050	1609	100	150	162	1537	17.5	127	17.5	432	387			PHP 6SPC1600TB
		1700	5	6050	1709	100	150	162	1637	17.5	127	17.5	432	389			PHP 6SPC1700TB
SPC	8	200	3	3535	209.6	35	90	213	148	62.0	89	62.0	—	20.0			PHP 8SPC200TB
		212	3	3535	221.6	35	90	213	160	62.0	89	62.0	—	21.3			PHP 8SPC212TB
		224	3	3535	233.6	35	90	213	170	62.0	89	62.0	—	22.9			PHP 8SPC224TB
		236	3	3535	245.6	35	90	213	184	62.0	89	62.0	—	25.9			PHP 8SPC236TB
		250	3	3535	259.6	35	90	213	198	62.0	89	62.0	—	29.0			PHP 8SPC250TB
		265	3	3535	274.6	35	90	213	213	62.0	89	62.0	—	32.5			PHP 8SPC265TB
		280	3	3535	289.6	35	90	213	228	62.0	89	62.0	—	36.1			PHP 8SPC280TB
		300	3	4040	309.6	40	100	213	207	55.5	102	55.5	—	37.1			PHP 8SPC300TB
		315	3	4040	324.6	40	100	213	258	55.5	102	55.5	—	40.0			PHP 8SPC315TB
		335	7	4040	344.6	40	100	213	280	55.5	102	55.5	210	44.0			PHP 8SPC335TB
		355	5	4040	364.6	40	100	213	304	55.5	102	55.5	210	49.0			PHP 8SPC355TB
		375	5	4545	384.6	55	110	213	324	49.5	114	49.5	242	54.5			PHP 8SPC375TB
		400	5	4545	409.6	55	110	213	348	49.5	114	49.5	242	58.0			PHP 8SPC400TB
		425	5	4545	434.6	55	110	213	369	49.5	114	49.5	242	63.5			PHP 8SPC425TB
		450	5	5050	459.6	70	125	213	394	43.0	127	43.0	267	70.0			PHP 8SPC450TB
		475	5	5050	484.6	70	125	213	419	43.0	127	43.0	267	72.0			PHP 8SPC475TB
		500	5	5050	509.6	70	125	213	444	43.0	127	43.0	267	82.5			PHP 8SPC500TB
		530	5	5050	539.6	70	125	213	474	43.0	127	43.0	267	82.5			PHP 8SPC530TB
		560	5	5050	569.6	70	125	213	504	43.0	127	43.0	267	94.5			PHP 8SPC560TB
		630	5	5050	639.6	70	125	213	574	43.0	127	43.0	267	102.0			PHP 8SPC630TB
		710	5	5050	719.6	70	125	213	656	43.0	127	43.0	267	123.5			PHP 8SPC710TB
		800	5	5050	809.6	70	125	213	737	43.0	127	43.0	267	145.0			PHP 8SPC800TB
		900	5	5050	909	50	125	213	837	43	127	43	267	173			PHP 8SPC900TB
		1000	5	5050	1009.6	70	125	213	937	43.0	127	43.0	267	207.0			PHP 8SPC1000TB
		1120	5	5050	1129	50	125	213	1057	43	127	43	267	234			PHP 8SPC1120TB
		1250	5	5050	1259.6	70	125	213	1187	43.0	127	43.0	267	285.0			PHP 8SPC1250TB
		1400	5	6050	1409	100	150	213	1337	43	127	43	432	384			PHP 8SPC1400TB
		1600	5	6050	1609	100	150	213	1537	43	127	43	432	510			PHP 8SPC1600TB
SPC	10	200	3	3535	209	35	90	264	144	87.5	89	87.5	—	22			PHP 10SPC200TB
		224	3	4040	233.6	40	100	264	168	81.0	102	—	—	28.0			PHP 10SPC224TB
		236	3	4040	245.6	40	100	264	180	81.0	102	81.0	—	30.9			PHP 10SPC236TB
		250	3	4040	259.6	40	100	264	196	81.0	102	81.0	—	35.0			PHP 10SPC250TB
		265	3	4040	274.6	40	100	264	209	81.0	102	81.0	—	39.5			PHP 10SPC265TB
		280	3	4040	289.6	40	100	264	226	81.0	102	81.0	—	42.1			PHP 10SPC280TB
		300	3	4545	309.6	55	110	264	245	75.0	114	75.0	—	44.1			PHP 10SPC300TB
		315	3	4545	324.6	55	110	264	258	75.0	114	75.0	—	47.0			PHP 10SPC315TB
		335	3	4545	344.6	55	110	264	279	75.0	114	75.0	—	51.0			PHP 10SPC335TB
		355	3	4545	364.6	55	110	264	299	75.0	114	75.0	—	57.0			PHP 10SPC355TB
		375	3	4545	384.6	55	110	264	319	68.5	127	68.5	245	62.5			PHP 10SPC375TB
		400	6	5050	409.6	70	125	264	342	68.5	127	68.5	245	66.0			PHP 10SPC400TB
		425	7	5050	434.6	70	125	264	369	68.5	127	68.5	245	70.5			PHP 10SPC425TB
		450	5	5050	459.6	70	125	264	394	68.5	127	68.5	245	78.0			PHP 10SPC450TB
		475	5	5050	484.6	70	125	264	419	68.5	127	68.5	245	82.0			PHP 10SPC475TB
		500	5	5050	509.6	70	125	264	444	68.5	127	68.5	245	95.5			PHP 10SPC500TB
		530	5	5050	539.6	70	125	264	474	68.5	127	68.5	245	106.0			PHP 10SPC530TB
		560	5	5050	569.6	70	125	264	504	68.5	127	68.5	245	94.7			PHP 10SPC560TB
		590	5	5050	599	50	125	264	534	68.5	127	68.5	267	118			PHP 10SPC590TB
		630	5	5050	639.6	70	125	264	574	68.5	127	68.5	245	113.2			PHP 10SPC630TB

¹⁾ Mass does not include bushings.
Non-functional dimensions may vary slightly.

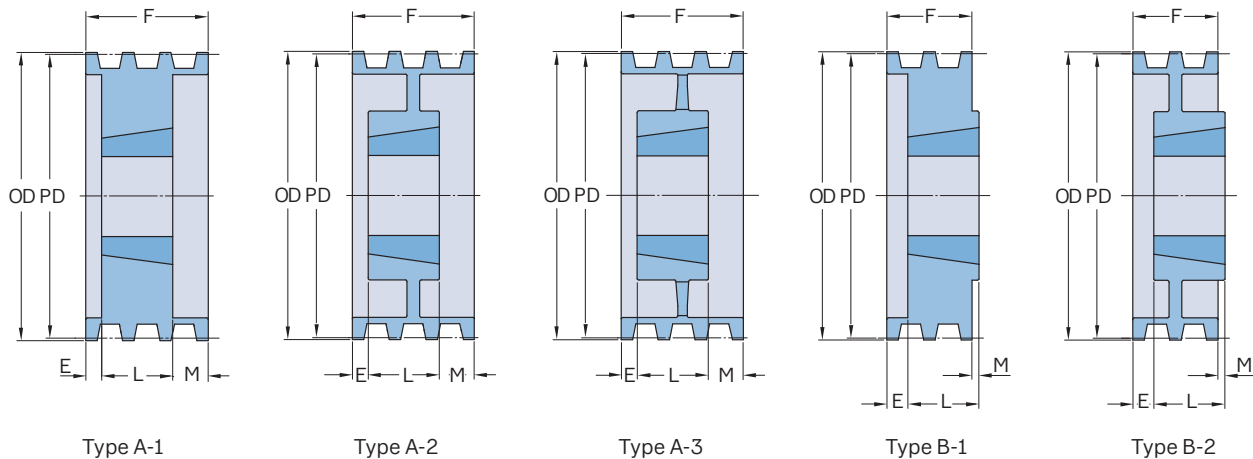
Wedge belt pulleys
SPC taper bushed



Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		Max.	F	G	K	L	M	H	Mass ¹⁾	Designation
					Outer diameter OD	B Min.									
–	–	mm	–	–	mm									kg	–
SPC	10	710	5	5050	719.6	70	125	264	654	68.5	127	68.5	245	133.5	PHP 10SPC710TB
		800	5	5050	809.6	70	125	264	737	68.5	127	68.5	245	160.5	PHP 10SPC800TB
		900	5	5050	909	50	125	264	837	68.5	127	68.5	267	209.3	PHP 10SPC900TB
		1000	5	5050	1009.6	70	125	264	937	68.5	127	68.5	245	227.5	PHP 10SPC1000TB
		1250	5	5050	1259.6	70	125	264	1187	68.5	127	68.5	245	300.0	PHP 10SPC1250TB
		1600	5	5050	1609	50	125	264	1537	68.5	127	68.5	288	460	PHP 10SPC1600TB
		1700	5	7060	1709	110	170	264	1637	56	152	56	500	488.75	PHP 10SPC1700TB
		1900	5	7060	1909	110	170	267	1837	56	152	56	500	752	PHP 10SPC1900TB
		265	3	4545	274	55	110	315	209	100.5	114	100.5	–	44	PHP 12SPC265TB
		280	3	4545	289	55	110	315	224	100.5	114	100.5	–	51	PHP 12SPC280TB
SPC	12	300	3	4545	309	55	110	315	244	100.5	114	100.5	–	58.5	PHP 12SPC300TB
		315	3	5050	324	50	125	315	259	94	127	94	–	66.3	PHP 12SPC315TB
		335	3	5050	344	50	125	315	279	94	127	94	–	76	PHP 12SPC335TB
		355	3	5050	364	50	125	315	299	94	127	94	267	88	PHP 12SPC355TB
		375	6	5050	384	50	125	315	319	94	127	94	267	90	PHP 12SPC375TB
		400	6	5050	409	50	125	315	344	94	127	94	267	96	PHP 12SPC400TB
		450	6	5050	459	50	125	315	394	94	127	94	267	116	PHP 12SPC450TB
		475	6	5050	484	50	125	315	419	94	127	94	267	123	PHP 12SPC475TB
		500	6	5050	509	50	125	315	444	94	127	94	267	128	PHP 12SPC500TB
		600	6	5050	609	50	125	315	544	94	127	94	267	142	PHP 12SPC600TB
		630	5	5050	639	50	125	315	574	94	127	94	267	147	PHP 12SPC630TB
		710	5	5050	719	50	125	315	654	94	127	94	267	166	PHP 12SPC710TB
		800	5	5050	809	50	125	315	737	94	127	94	267	208	PHP 12SPC800TB
		1000	5	5050	1009	50	125	315	937	94	127	94	267	236	PHP 12SPC1000TB
		1250	5	5050	1259	50	125	315	1187	94	127	94	267	350	PHP 12SPC1250TB
		1400	5	7060	1409	110	170	315	1337	81.5	152	81.5	500	551	PHP 12SPC1400TB

¹⁾ Mass does not include bushings.
Non-functional dimensions may vary slightly.

Classical V-belt pulleys
A/B taper bushed

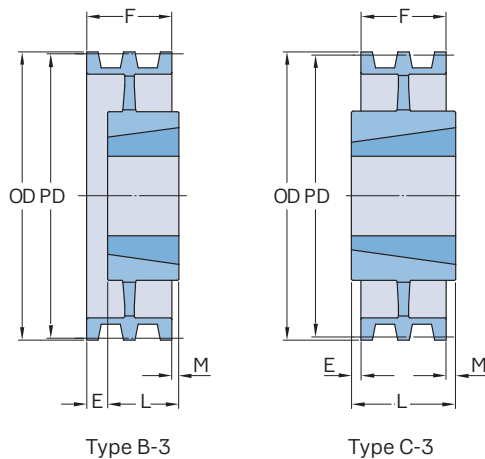


Section	Number of grooves	Pitch diameter Belt A PCD		Belt B PCD		Pulley type	Bushing number	Dimensions			F	E	L	M	Mass ²⁾	Designation
		mm	in.	mm	in.			Outer diameter OD	B Min.	Max.						
–	–	mm	in.	mm	in.	–	–	mm							kg	–
A/B	1	76.2	3.0	86.4	3.4	A-1	1210	95.3	15.88	31.75	25.40	–	25.40	–	1.0	PHP 1-B34TB
		81.3	3.2	91.4	3.6	A-1	1210	100.3	15.88	31.75	25.40	–	25.40	–	1.2	PHP 1-B36TB
		86.4	3.4	96.5	3.8	A-1	1610	105.4	12.70	41.28	25.40	–	25.40	–	1.3	PHP 1-B38TB
		91.4	3.6	101.6	4.0	A-1	1610	110.5	12.70	41.28	25.40	–	25.40	–	1.4	PHP 1-B40TB
		96.5	3.8	106.7	4.2	A-1	1610	115.6	12.70	41.28	25.40	–	25.40	–	1.6	PHP 1-B42TB
		101.6	4.0	111.8	4.4	A-1	1610	120.7	12.70	41.28	25.40	–	25.40	–	1.7	PHP 1-B44TB
		106.7	4.2	116.8	4.6	A-1	1610	125.7	12.70	41.28	25.40	–	25.40	–	1.8	PHP 1-B46TB
		111.8	4.4	121.9	4.8	A-1	1610	130.8	12.70	41.28	25.40	–	25.40	–	2.0	PHP 1-B48TB
		116.8	4.6	127.0	5.0	A-1	1610	135.9	12.70	41.28	25.40	–	25.40	–	2.2	PHP 1-B50TB
		121.9	4.8	132.1	5.2	A-1	1610	141.0	12.70	41.28	25.40	–	25.40	–	2.3	PHP 1-B52TB
		127.0	5.0	137.2	5.4	A-1	1610	146.1	12.70	41.28	25.40	–	25.40	–	2.5	PHP 1-B54TB
		132.1	5.2	142.2	5.6	A-1	1610	151.1	12.70	41.28	25.40	–	25.40	–	2.7	PHP 1-B56TB
		137.2	5.4	147.3	5.8	A-1	1610	156.2	12.70	41.28	25.40	–	25.40	–	2.9	PHP 1-B58TB
		142.2	5.6	152.4	6.0	A-1	1610	161.3	12.70	41.28	25.40	–	25.40	–	3.0	PHP 1-B60TB
		147.3	5.8	157.5	6.2	A-1	1610	166.4	12.70	41.28	25.40	–	25.40	–	3.2	PHP 1-B62TB
		152.4	6.0	162.6	6.4	A-1	1610	171.5	12.70	41.28	25.40	–	25.40	–	3.6	PHP 1-B64TB
		157.5	6.2	167.6	6.6	A-1	1610	176.5	12.70	41.28	25.40	–	25.40	–	3.9	PHP 1-B66TB
		162.6	6.4	172.7	6.8	A-1	1610	181.6	12.70	41.28	25.40	–	25.40	–	4.1	PHP 1-B68TB
		177.8	7.0	188.0	7.4	B-1	2517 ¹⁾	196.9	19.05	63.50	25.40	–	44.45	19.05	4.3	PHP 1-B74TB
		208.3	8.2	218.4	8.6	B-2	2517 ¹⁾	227.3	19.05	63.50	25.40	–	44.45	19.05	5.4	PHP 1-B86TB
		228.6	9.0	238.8	9.4	B-2	2517 ¹⁾	247.7	19.05	63.50	25.40	–	44.45	19.05	6.4	PHP 1-B94TB
		269.2	10.6	279.4	11.0	B-2	2517 ¹⁾	288.3	19.05	63.50	25.40	–	44.45	19.05	8.2	PHP 1-B110TB
		304.8	12.0	315.0	12.4	C-3	2517 ¹⁾	323.9	19.05	63.50	25.40	6.35	44.45	12.70	8.4	PHP 1-B124TB
		381.0	15.0	391.2	15.4	C-3	2517 ¹⁾	400.1	19.05	63.50	25.40	6.35	44.45	12.70	8.6	PHP 1-B154TB
		457.2	18.0	467.4	18.4	C-3	2517 ¹⁾	476.3	19.05	63.50	28.58	4.76	44.45	11.11	10.9	PHP 1-B184TB
A/B	2	76.2	3.0	86.4	3.4	A-1	1210	95.3	15.88	31.75	44.45	19.05	25.40	–	1.0	PHP 2-B34TB
		81.3	3.2	91.4	3.6	A-1	1210	100.3	15.88	31.75	44.45	19.05	25.40	–	1.2	PHP 2-B36TB
		86.4	3.4	96.5	3.8	A-1	1610	105.4	12.70	41.28	44.45	19.05	25.40	–	1.3	PHP 2-B38TB
		91.4	3.6	101.6	4.0	A-1	1610	110.5	12.70	41.28	44.45	19.05	25.40	–	1.4	PHP 2-B40TB
		96.5	3.8	106.7	4.2	A-1	1610	115.6	12.70	41.28	44.45	19.05	25.40	–	1.8	PHP 2-B42TB
		101.6	4.0	111.8	4.4	A-1	1610	120.7	12.70	41.28	44.45	19.05	25.40	–	2.0	PHP 2-B44TB
		106.7	4.2	116.8	4.6	A-1	1610	125.7	12.70	41.28	44.45	19.05	25.40	–	2.3	PHP 2-B46TB
		111.8	4.4	121.9	4.8	A-1	1610	130.8	12.70	41.28	44.45	19.05	25.40	–	2.5	PHP 2-B48TB
		116.8	4.6	127.0	5.0	A-1	1610	135.9	12.70	41.28	44.45	19.05	25.40	–	2.7	PHP 2-B50TB
		121.9	4.8	132.1	5.2	A-1	1610	141.0	12.70	41.28	44.45	19.05	25.40	–	3.0	PHP 2-B52TB
		127.0	5.0	137.2	5.4	A-1	1610	146.1	12.70	41.28	44.45	19.05	25.40	–	3.2	PHP 2-B54TB
		132.1	5.2	142.2	5.6	A-1	1610	151.1	12.70	41.28	44.45	19.05	25.40	–	3.7	PHP 2-B56TB
		137.2	5.4	147.3	5.8	A-1	1610	156.2	12.70	41.28	44.45	19.05	25.40	–	3.9	PHP 2-B58TB
		142.2	5.6	152.4	6.0	A-1	1610	161.3	12.70	41.28	44.45	19.05	25.40	–	4.0	PHP 2-B60TB
		147.3	5.8	157.5	6.2	A-1	1610	166.4	12.70	41.28	44.45	19.05	25.40	–	4.1	PHP 2-B62TB
		152.4	6.0	162.6	6.4	A-1	1610	171.5	12.70	41.28	44.45	19.05	25.40	–	4.5	PHP 2-B64TB
		157.5	6.2	167.6	6.6	A-1	1610	176.5	12.70	41.28	44.45	19.05	25.40	–	4.8	PHP 2-B66TB
		162.6	6.4	172.7	6.8	A-1	1610	181.6	12.70	41.28	44.45	19.05	25.40	–	5.0	PHP 2-B68TB
		177.8	7.0	188.0	7.4	A-1	2517 ¹⁾	196.9	19.05	63.50	44.45	–	44.45	–	7.3	PHP 2-B74TB
		208.3	8.2	218.4	8.6	A-2	2517 ¹⁾	227.3	19.05	63.50	44.45	–	44.45	–	8.2	PHP 2-B86TB
		228.6	9.0	238.8	9.4	A-2	2517 ¹⁾	247.7	19.05	63.50	44.45	–	44.45	–	9.1	PHP 2-B94TB
		269.2	10.6	279.4	11.0	A-2	2517 ¹⁾	288.3	19.05	63.50	44.45	–	44.45	–	11.3	PHP 2-B110TB
		304.8	12.0	315.0	12.4	A-3	2517 ¹⁾	323.9	19.05	63.50	44.45	–	44.45	–	12.3	PHP 2-B124TB
		381.0	15.0	391.2	15.4	A-3	2517 ¹⁾	400.1	19.05	63.50	44.45	–	44.45	–	14.1	PHP 2-B154TB
		457.2	18.0	467.4	18.4	A-3	2517 ¹⁾	476.3	19.05	63.50	44.45	–	44.45	–	15.0	PHP 2-B184TB
		497.8	19.6	508.0	20.0	C-3	3020	516.9	31.75	76.20	44.45	–	50.80	6.35	22.2	PHP 2-B200TB
		624.8	24.6	635.0	25.0	C-3	3020	643.9	31.75	76.20	44.45	–	50.80	6.35	29.5	PHP 2-B250TB
		751.8	29.6	762.0	30.0	C-3	3020	770.9	31.75	76.20	44.45	–	50.80	6.35	34.0	PHP 2-B300TB
		955.0	37.6	965.2	38.0	C-3	3020	974.1	31.75	76.20	44.45	–	50.80	6.35	50.8	PHP 2-B380TB

¹⁾ Taper bushing needs to conform to coarse thread series (UNC) of the ASME/ANSI standard. To complete designation, add U before bushing number and bore size at the end of designation, e.g. PHF TBU3535X70MM.

²⁾ Mass does not include bushings.

Classical V-belt pulleys A/B taper bushed

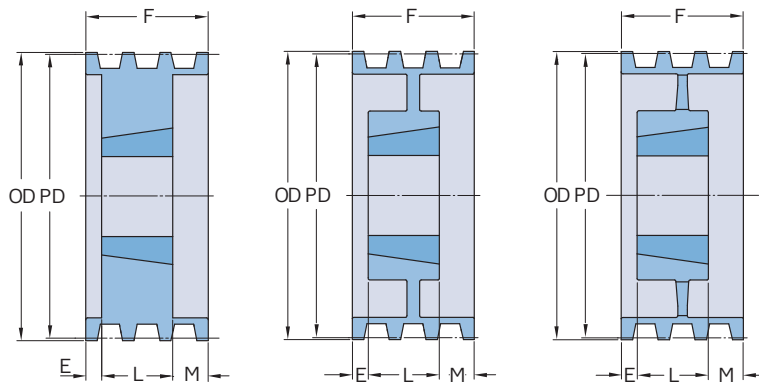


Section	Number of grooves	Pitch diameter Belt A PCD		Belt B PCD		Pulley type	Bushing number	Dimensions			F	E	L	M	Mass ²⁾	Designation
		mm	in.	mm	in.			Outer diameter OD	B Min.	Max.						
–	–	mm	in.	mm	in.	–	–	mm							kg	–
A/B	3	76.2	3.0	86.4	3.4	A-1	1210	95.3	15.88	31.75	63.50	38.10	25.40	–	1.4	PHP 3-B34TB
		81.3	3.2	91.4	3.6	A-1	1210	100.3	15.88	31.75	63.50	38.10	25.40	–	1.6	PHP 3-B36TB
		86.4	3.4	96.5	3.8	A-1	1610	105.4	12.70	41.28	63.50	38.10	25.40	–	1.8	PHP 3-B38TB
		91.4	3.6	101.6	4.0	A-1	1610	110.5	12.70	41.28	63.50	38.10	25.40	–	2.3	PHP 3-B40TB
		96.5	3.8	106.7	4.2	A-1	1610	115.6	12.70	41.28	63.50	38.10	25.40	–	2.7	PHP 3-B42TB
		101.6	4.0	111.8	4.4	A-1	1610	120.7	12.70	41.28	63.50	38.10	25.40	–	3.0	PHP 3-B44TB
		106.7	4.2	116.8	4.6	A-1	1610	125.7	12.70	41.28	63.50	38.10	25.40	–	3.2	PHP 3-B46TB
		111.8	4.4	121.9	4.8	A-1	1610	130.8	12.70	41.28	63.50	38.10	25.40	–	3.6	PHP 3-B48TB
		116.8	4.6	127.0	5.0	A-1	1610	135.9	12.70	41.28	63.50	38.10	25.40	–	3.9	PHP 3-B50TB
		121.9	4.8	132.1	5.2	A-1	1610	141.0	12.70	41.28	63.50	38.10	25.40	–	4.1	PHP 3-B52TB
		127.0	5.0	137.2	5.4	A-1	2517 ¹⁾	146.1	19.05	63.50	63.50	38.10	44.45	–	4.3	PHP 3-B54TB
		132.1	5.2	142.2	5.6	A-1	2517 ¹⁾	151.1	19.05	63.50	63.50	38.10	44.45	–	4.5	PHP 3-B56TB
		137.2	5.4	147.3	5.8	A-1	2517 ¹⁾	156.2	19.05	63.50	63.50	19.05	44.45	–	4.8	PHP 3-B58TB
		142.2	5.6	152.4	6.0	A-1	2517 ¹⁾	161.3	19.05	63.50	63.50	19.05	44.45	–	5.0	PHP 3-B60TB
		147.3	5.8	157.5	6.2	A-1	2517 ¹⁾	166.4	19.05	63.50	63.50	19.05	44.45	–	5.2	PHP 3-B62TB
		152.4	6.0	162.6	6.4	A-1	2517 ¹⁾	171.5	19.05	63.50	63.50	19.05	44.45	–	5.4	PHP 3-B64TB
		157.5	6.2	167.6	6.6	A-1	2517 ¹⁾	176.5	19.05	63.50	63.50	19.05	44.45	–	5.6	PHP 3-B66TB
		162.6	6.4	172.7	6.8	A-1	2517 ¹⁾	181.6	19.05	63.50	63.50	19.05	44.45	–	5.8	PHP 3-B68TB
		177.8	7.0	188.0	7.4	A-1	2517 ¹⁾	196.9	19.05	63.50	63.50	19.05	44.45	–	7.3	PHP 3-B74TB
		208.3	8.2	218.4	8.6	A-2	2517 ¹⁾	227.3	19.05	63.50	63.50	19.05	44.45	–	8.6	PHP 3-B86TB
		228.6	9.0	238.8	9.4	A-2	2517 ¹⁾	247.7	19.05	63.50	63.50	19.05	44.45	–	9.5	PHP 3-B94TB
		269.2	10.6	279.4	11.0	A-2	2517 ¹⁾	288.3	19.05	63.50	63.50	19.05	44.45	–	10.9	PHP 3-B110TB
		304.8	12.0	315.0	12.4	A-3	2517 ¹⁾	323.9	19.05	63.50	63.50	–	44.45	19.05	12.7	PHP 3-B124TB
		381.0	15.0	391.2	15.4	A-3	2517 ¹⁾	400.1	19.05	63.50	63.50	–	44.45	19.05	13.6	PHP 3-B154TB
		457.2	18.0	467.4	18.4	A-3	2517 ¹⁾	476.3	19.05	63.50	63.50	–	44.45	19.05	20.0	PHP 3-B184TB
		497.8	19.6	508.0	20.0	A-3	3020	516.9	31.75	76.20	63.50	–	50.80	12.70	26.3	PHP 3-B200TB
		624.8	24.6	635.0	25.0	A-3	3020	643.9	31.75	76.20	63.50	–	50.80	12.70	33.6	PHP 3-B250TB
		751.8	29.6	762.0	30.0	A-3	3020	770.9	31.75	76.20	63.50	–	50.80	12.70	38.1	PHP 3-B300TB
		955.0	37.6	965.2	38.0	B-3	3020	974.1	31.75	76.20	63.50	–	76.20	12.70	61.2	PHP 3-B380TB
A/B	4	76.2	3.0	86.4	3.4	A-1	1210	95.3	15.88	31.75	82.55	57.15	25.40	–	1.4	PHP 4-B34TB
		81.3	3.2	91.4	3.6	A-1	1210	100.3	15.88	31.75	82.55	57.15	25.40	–	1.6	PHP 4-B36TB
		86.4	3.4	96.5	3.8	A-1	1610	105.4	12.70	41.28	82.55	57.15	25.40	–	1.8	PHP 4-B38TB
		91.4	3.6	101.6	4.0	A-1	1610	110.5	12.70	41.28	82.55	57.15	25.40	–	2.3	PHP 4-B40TB
		96.5	3.8	106.7	4.2	A-1	1610	115.6	12.70	41.28	82.55	57.15	25.40	–	2.5	PHP 4-B42TB
		101.6	4.0	111.8	4.4	A-1	1610	120.7	12.70	41.28	82.55	57.15	25.40	–	2.7	PHP 4-B44TB
		106.7	4.2	116.8	4.6	A-1	1610	125.7	12.70	41.28	82.55	57.15	25.40	–	3.2	PHP 4-B46TB
		111.8	4.4	121.9	4.8	A-1	1610	130.8	12.70	41.28	82.55	57.15	25.40	–	3.6	PHP 4-B48TB
		116.8	4.6	127.0	5.0	A-1	2517 ¹⁾	135.9	19.05	63.50	82.55	38.10	44.45	–	3.9	PHP 4-B50TB
		121.9	4.8	132.1	5.2	A-1	2517 ¹⁾	141.0	19.05	63.50	82.55	38.10	44.45	–	4.1	PHP 4-B52TB
		127.0	5.0	137.2	5.4	A-1	2517 ¹⁾	146.1	19.05	63.50	82.55	38.10	44.45	–	4.3	PHP 4-B54TB
		132.1	5.2	142.2	5.6	A-1	2517 ¹⁾	151.1	19.05	63.50	82.55	38.10	44.45	–	4.5	PHP 4-B56TB
		137.2	5.4	147.3	5.8	A-1	2517 ¹⁾	156.2	19.05	63.50	82.55	38.10	44.45	–	5.4	PHP 4-B58TB
		142.2	5.6	152.4	6.0	A-1	2517 ¹⁾	161.3	19.05	63.50	82.55	38.10	44.45	–	5.7	PHP 4-B60TB
		147.3	5.8	157.5	6.2	A-1	2517 ¹⁾	166.4	19.05	63.50	82.55	38.10	44.45	–	5.9	PHP 4-B62TB
		152.4	6.0	162.6	6.4	A-1	2517 ¹⁾	171.5	19.05	63.50	82.55	38.10	44.45	–	6.4	PHP 4-B64TB
		157.5	6.2	167.6	6.6	A-1	2517 ¹⁾	176.5	19.05	63.50	82.55	38.10	44.45	–	6.8	PHP 4-B66TB
		162.6	6.4	172.7	6.8	A-1	2517 ¹⁾	181.6	19.05	63.50	82.55	38.10	44.45	–	7.3	PHP 4-B68TB
		177.8	7.0	188.0	7.4	A-1	2517 ¹⁾	196.9	19.05	63.50	82.55	38.10	44.45	–	9.1	PHP 4-B74TB
		208.3	8.2	218.4	8.6	A-2	2517 ¹⁾	227.3	19.05	63.50	82.55	38.10	44.45	–	9.5	PHP 4-B86TB
		228.6	9.0	238.8	9.4	A-2	2517 ¹⁾	247.7	19.05	63.50	82.55	38.10	44.45	–	10.4	PHP 4-B94TB
		269.2	10.6	279.4	11.0	A-2	2517 ¹⁾	288.3	19.05	63.50	82.55	38.10	44.45	–	12.7	PHP 4-B110TB
		304.8	12.0	315.0	12.4	A-3	2517 ¹⁾	323.9	19.05	63.50	82.55	9.53	44.45	28.58	15.4	PHP 4-B124TB
		381.0	15.0	391.2	15.4	A-3	2517 ¹⁾	400.1	19.05	63.50	82.55	9.53	44.45	28.58	19.1	PHP 4-B154TB
		457.2	18.0	467.4	18.4	A-3	2517 ¹⁾	476.3	19.05	63.50	82.55	12.70	44.45	25.40	24.0	PHP 4-B184TB

¹⁾ Taper bushing needs to conform to coarse thread series (UNC) of the ASME/ANSI standard. To complete designation, add U before bushing number and bore size at the end of designation, e.g. PHF TBU3535X70MM.

²⁾ Mass does not include bushings.

Classical V-belt pulleys
A/B taper bushed



Type A-1

Type A-2

Type A-3

Section	Number of grooves	Pitch diameter Belt A PCD		Belt B PCD		Pulley type	Bushing number	Dimensions			F	E	L	M	Mass ²⁾	Designation
		mm	in.	mm	in.			Outer diameter OD	B Min.	Max.						
–	–	mm	in.	mm	in.	–	–	mm							kg	–
A/B	4	497.8	19.6	508.0	20.0	A-3	3020	516.9	31.75	76.20	82.55	12.70	50.80	19.05	28.6	PHP 4-B200TB
		624.8	24.6	635.0	25.0	A-3	3030	643.9	31.75	76.20	82.55	–	76.20	31.75	36.3	PHP 4-B250TB
		751.8	29.6	762.0	30.0	A-3	3030	770.9	31.75	76.20	82.55	–	76.20	31.75	45.4	PHP 4-B300TB
		955.0	37.6	965.2	38.0	A-3	3030	974.1	31.75	76.20	82.55	–	76.20	31.75	64.4	PHP 4-B380TB
A/B	5	76.2	3.0	86.4	3.4	A-1	1210	95.3	15.88	31.75	101.60	63.50	38.10	–	2.3	PHP 5-B34TB
		81.3	3.2	91.4	3.6	A-1	1210	100.3	15.88	31.75	101.60	63.50	38.10	–	2.5	PHP 5-B36TB
		86.4	3.4	96.5	3.8	A-1	1215	105.4	15.88	41.28	101.60	63.50	38.10	–	2.7	PHP 5-B38TB
		91.4	3.6	101.6	4.0	A-1	1215	110.5	15.88	41.28	101.60	63.50	38.10	–	3.0	PHP 5-B40TB
		96.5	3.8	106.7	4.2	A-1	1615	115.6	12.70	41.28	101.60	63.50	38.10	–	3.2	PHP 5-B42TB
		101.6	4.0	111.8	4.4	A-1	1615	120.7	12.70	41.28	101.60	63.50	38.10	–	3.6	PHP 5-B44TB
		106.7	4.2	116.8	4.6	A-1	1615	125.7	12.70	41.28	101.60	63.50	38.10	–	4.1	PHP 5-B46TB
		116.8	4.6	127.0	5.0	A-1	1615	135.9	12.70	41.28	101.60	22.23	38.10	–	4.8	PHP 5-B50TB
		121.9	4.8	132.1	5.2	A-1	1615	141.0	12.70	41.28	101.60	22.23	38.10	–	5.1	PHP 5-B52TB
		127.0	5.0	137.2	5.4	A-1	2517 ¹⁾	146.1	19.05	63.50	101.60	57.15	44.45	–	5.2	PHP 5-B54TB
		132.1	5.2	142.2	5.6	A-1	2517 ¹⁾	151.1	19.05	63.50	101.60	57.15	44.45	–	5.4	PHP 5-B56TB
		142.2	5.6	152.4	6.0	A-1	2517 ¹⁾	161.3	19.05	63.50	101.60	57.15	44.45	–	6.4	PHP 5-B60TB
		152.4	6.0	162.6	6.4	A-1	2517 ¹⁾	171.5	19.05	63.50	101.60	57.15	44.45	–	7.3	PHP 5-B64TB
		162.6	6.4	172.7	6.8	A-1	2517 ¹⁾	181.6	19.05	63.50	101.60	57.15	44.45	–	8.2	PHP 5-B68TB
		177.8	7.0	188.0	7.4	A-1	2517 ¹⁾	196.9	19.05	63.50	101.60	57.15	44.45	–	10.0	PHP 5-B74TB
		208.3	8.2	218.4	8.6	A-2	2517 ¹⁾	227.3	19.05	63.50	101.60	57.15	44.45	–	10.9	PHP 5-B86TB
		228.6	9.0	238.8	9.4	A-2	2517 ¹⁾	247.7	19.05	63.50	101.60	57.15	44.45	–	11.8	PHP 5-B94TB
		269.2	10.6	279.4	11.0	A-2	2517 ¹⁾	288.3	19.05	63.50	101.60	57.15	44.45	–	15.9	PHP 5-B110TB
		304.8	12.0	315.0	12.4	A-3	2517 ¹⁾	323.9	19.05	63.50	101.60	19.05	44.45	38.10	18.1	PHP 5-B124TB
		381.0	15.0	391.2	15.4	A-3	2517 ¹⁾	400.1	19.05	63.50	101.60	19.05	44.45	38.10	21.3	PHP 5-B154TB
		457.2	18.0	467.4	18.4	A-3	2517 ¹⁾	476.3	19.05	63.50	101.60	19.05	44.45	38.10	23.6	PHP 5-B184TB
		497.8	19.6	508.0	20.0	A-3	3030	516.9	31.75	76.20	101.60	6.35	76.20	19.05	34.0	PHP 5-B200TB
		624.8	24.6	635.0	25.0	A-3	3030	643.9	31.75	76.20	101.60	6.35	76.20	19.05	36.7	PHP 5-B250TB
		751.8	29.6	762.0	30.0	A-3	3030	770.9	31.75	76.20	101.60	6.35	76.20	19.05	49.4	PHP 5-B300TB
		955.0	37.6	965.2	38.0	A-3	3030	974.1	31.75	76.20	101.60	6.35	76.20	19.05	71.7	PHP 5-B380TB
A/B	6	96.5	3.8	106.7	4.2	A-1	1615	115.6	12.70	41.28	120.65	82.55	38.10	–	3.6	PHP 6-B42TB
		101.6	4.0	111.8	4.4	A-1	1615	120.7	12.70	41.28	120.65	82.55	38.10	–	4.1	PHP 6-B44TB
		106.7	4.2	116.8	4.6	A-1	1615	125.7	12.70	41.28	120.65	82.55	38.10	–	4.5	PHP 6-B46TB
		116.8	4.6	127.0	5.0	A-1	1615	135.9	12.70	41.28	120.65	31.75	38.10	50.80	5.4	PHP 6-B50TB
		121.9	4.8	132.1	5.2	A-1	1615	141.0	12.70	41.28	120.65	31.75	38.10	50.80	5.8	PHP 6-B52TB
		127.0	5.0	137.2	5.4	A-1	1615	146.1	12.70	41.28	120.65	31.75	38.10	50.80	6.2	PHP 6-B54TB
		132.1	5.2	142.2	5.6	A-1	1615	151.1	12.70	41.28	120.65	31.75	38.10	50.80	6.6	PHP 6-B56TB
		142.2	5.6	152.4	6.0	A-1	2517 ¹⁾	161.3	19.05	63.50	120.65	76.20	44.45	–	7.3	PHP 6-B60TB
		152.4	6.0	162.6	6.4	A-1	2517 ¹⁾	171.5	19.05	63.50	120.65	76.20	44.45	–	8.9	PHP 6-B64TB
		162.6	6.4	172.7	6.8	A-1	2517 ¹⁾	181.6	19.05	63.50	120.65	76.20	44.45	–	9.5	PHP 6-B68TB
		177.8	7.0	188.0	7.4	A-1	2517 ¹⁾	196.9	19.05	63.50	120.65	76.20	44.45	–	11.3	PHP 6-B74TB
		208.3	8.2	218.4	8.6	A-2	2517 ¹⁾	227.3	19.05	63.50	120.65	76.20	44.45	–	12.3	PHP 6-B86TB
		228.6	9.0	238.8	9.4	A-2	2517 ¹⁾	247.7	19.05	63.50	120.65	76.20	44.45	–	12.7	PHP 6-B94TB
		269.2	10.6	279.4	11.0	A-2	2517 ¹⁾	288.3	19.05	63.50	120.65	76.20	44.45	–	15.4	PHP 6-B110TB
		304.8	12.0	315.0	12.4	A-3	2517 ¹⁾	323.9	19.05	63.50	120.65	28.58	44.45	47.63	19.5	PHP 6-B124TB
		381.0	15.0	391.2	15.4	A-3	2517 ¹⁾	400.1	19.05	63.50	120.65	38.10	44.45	38.10	23.6	PHP 6-B154TB
		457.2	18.0	467.4	18.4	A-3	2517 ¹⁾	476.3	19.05	63.50	120.65	38.10	44.45	38.10	28.1	PHP 6-B184TB
		497.8	19.6	508.0	20.0	A-3	3030	516.9	31.75	76.20	120.65	12.70	76.20	31.75	38.6	PHP 6-B200TB
		624.8	24.6	635.0	25.0	A-3	3030	643.9	31.75	76.20	120.65	12.70	76.20	31.75	45.4	PHP 6-B250TB
		751.8	29.6	762.0	30.0	A-3	3030	770.9	31.75	76.20	120.65	12.70	76.20	31.75	62.1	PHP 6-B300TB
		955.0	37.6	965.2	38.0	A-3	3030	974.1	31.75	76.20	120.65	12.70	76.20	31.75	76.2	PHP 6-B380TB

¹⁾ Taper bushing needs to conform to coarse thread series (UNC) of the ASME/ANSI standard. To complete designation, add U before bushing number and bore size at the end of designation, e.g. PHF TBU3535X70MM.

²⁾ Mass does not include bushings.

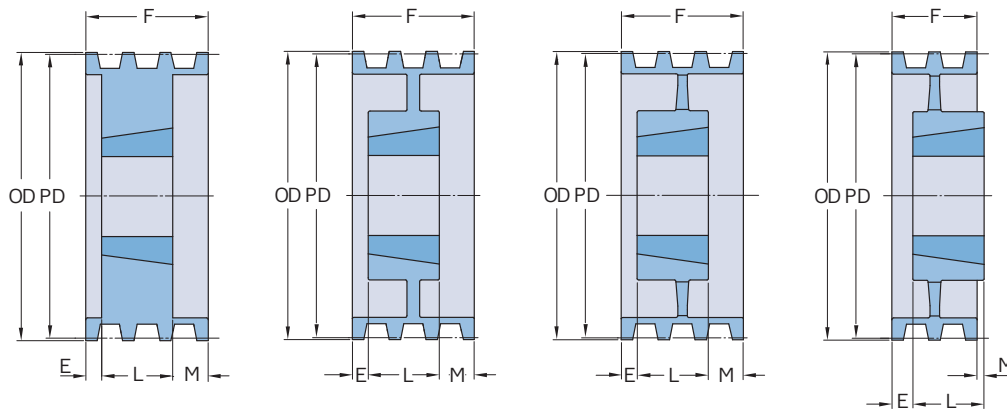
Classical V-belt pulleys

A/B taper bushed

Section	Number of grooves	Pitch diameter				Pulley type	Bushing number	Dimensions			F	E	L	M	Mass ²⁾	Designation
		Belt A PCD		Belt B PCD				Outer diameter OD	B Min.	Max.						
–	–	mm	in.	mm	in.	–	–	mm							kg	–
A/B	8	127.0	5.0	137.2	5.4	A-1	2517 ¹⁾	146.1	19.05	63.50	158.75	47.63	44.45	66.68	7.3	PHP 8-B54TB
		132.1	5.2	142.2	5.6	A-1	2517 ¹⁾	151.1	19.05	63.50	158.75	47.63	44.45	66.68	7.7	PHP 8-B56TB
		142.2	5.6	152.4	6.0	A-1	2517 ¹⁾	161.3	19.05	63.50	158.75	47.63	44.45	66.68	8.6	PHP 8-B60TB
		152.4	6.0	162.6	6.4	A-1	2517 ¹⁾	171.5	19.05	63.50	158.75	47.63	44.45	66.68	9.5	PHP 8-B64TB
		162.6	6.4	172.7	6.8	A-1	2517 ¹⁾	181.6	19.05	63.50	158.75	47.63	44.45	66.68	11.3	PHP 8-B68TB
		177.8	7.0	188.0	7.4	A-1	2517 ¹⁾	196.9	19.05	63.50	158.75	47.63	44.45	66.68	13.2	PHP 8-B74TB
		208.3	8.2	218.4	8.6	A-1	3030	227.3	31.75	76.20	158.75	25.40	76.20	57.15	16.8	PHP 8-B86TB
		228.6	9.0	238.8	9.4	A-2	3030	252.7	31.75	76.20	158.75	25.40	76.20	57.15	18.6	PHP 8-B94TB
		269.2	10.6	279.4	11.0	A-2	3030	288.3	31.75	76.20	158.75	25.40	76.20	57.15	23.1	PHP 8-B110TB
		304.8	12.0	315.0	12.4	A-3	3030	323.9	31.75	76.20	158.75	25.40	76.20	57.15	25.4	PHP 8-B124TB
		381.0	15.0	391.2	15.4	A-3	3030	400.1	31.75	76.20	158.75	25.40	76.20	57.15	31.3	PHP 8-B154TB
		457.2	18.0	467.4	18.4	A-3	3030	476.3	31.75	76.20	158.75	25.40	76.20	57.15	44.9	PHP 8-B184TB
		497.8	19.6	508.0	20.0	A-3	3030	516.9	31.75	76.20	158.75	25.40	76.20	57.15	52.2	PHP 8-B200TB
		624.8	24.6	635.0	25.0	A-3	3535 ¹⁾	643.9	50.80	88.90	158.75	19.05	88.90	50.80	65.8	PHP 8-B250TB
		751.8	29.6	762.0	30.0	A-3	3535 ¹⁾	770.9	50.80	88.90	158.75	19.05	88.90	50.80	77.1	PHP 8-B300TB
		955.0	37.6	965.2	38.0	A-3	4040	974.1	44.45	101.60	158.75	28.58	101.60	28.58	117.9	PHP 8-B380TB
A/B	10	127.0	5.0	137.2	5.4	A-1	2517 ¹⁾	146.1	19.05	63.50	196.85	76.20	44.45	76.20	8.2	PHP 10-B54TB
		132.1	5.2	142.2	5.6	A-1	2517 ¹⁾	151.1	19.05	63.50	196.85	76.20	44.45	76.20	9.1	PHP 10-B56TB
		142.2	5.6	152.4	6.0	A-1	2517 ¹⁾	161.3	19.05	63.50	196.85	76.20	44.45	76.20	10.0	PHP 10-B60TB
		152.4	6.0	162.6	6.4	A-1	2517 ¹⁾	171.5	19.05	63.50	196.85	76.20	44.45	76.20	11.6	PHP 10-B64TB
		162.6	6.4	172.7	6.8	A-1	2517 ¹⁾	181.6	19.05	63.50	196.85	76.20	44.45	76.20	12.7	PHP 10-B68TB
		177.8	7.0	188.0	7.4	A-1	2517 ¹⁾	196.9	19.05	63.50	196.85	76.20	44.45	76.20	15.9	PHP 10-B74TB
		208.3	8.2	218.4	8.6	A-1	3030	227.3	31.75	76.20	196.85	50.80	76.20	69.85	19.5	PHP 10-B86TB
		228.6	9.0	238.8	9.4	A-2	3030	252.7	31.75	76.20	196.85	50.80	76.20	69.85	20.9	PHP 10-B94TB
		269.2	10.6	279.4	11.0	A-2	3030	288.3	31.75	76.20	196.85	50.80	76.20	69.85	23.6	PHP 10-B110TB

¹⁾ Taper bushing needs to conform to coarse thread series (UNC) of the ASME/ANSI standard. To complete designation, add U before bushing number and bore size at the end of designation, e.g. PHF TBU3535X70MM.
²⁾ Mass does not include bushings.

Classical V-belt pulleys
C taper bushed



Type A-1

Type A-2

Type A-3

Type B-3

Section	Number of grooves	Pitch diameter		Pulley type	Bushing number	Dimensions			F	E	L	M	Mass ²⁾	Designation
		PCD				Outer diameter	B	Max.						
—	—	mm	in.	—	—	mm	Min.	Max.					kg	—
C	2	177.8	7.0	A-1	2517 ¹⁾	188.0	19.05	63.50	60.33	15.88	44.45	—	6.8	PHP 2-C70TB
		190.5	7.5	A-1	2517 ¹⁾	200.7	19.05	63.50	60.33	15.88	44.45	—	7.7	PHP 2-C75TB
		203.2	8.0	A-1	2517 ¹⁾	213.4	19.05	63.50	60.33	15.88	44.45	—	9.1	PHP 2-C80TB
		215.9	8.5	A-2	2517 ¹⁾	226.1	19.05	63.50	60.33	15.88	44.45	—	10.0	PHP 2-C85TB
		228.6	9.0	A-2	2517 ¹⁾	238.8	19.05	63.50	60.33	15.88	44.45	—	10.4	PHP 2-C90TB
		241.3	9.5	A-2	2517 ¹⁾	251.5	19.05	63.50	60.33	15.88	44.45	—	10.9	PHP 2-C95TB
		254.0	10.0	A-2	2517 ¹⁾	264.2	19.05	63.50	60.33	15.88	44.45	—	11.3	PHP 2-C100TB
		266.7	10.5	A-2	2517 ¹⁾	276.9	19.05	63.50	60.33	15.88	44.45	—	11.8	PHP 2-C105TB
		279.4	11.0	A-2	2517 ¹⁾	289.6	19.05	63.50	60.33	15.88	44.45	—	12.3	PHP 2-C110TB
		304.8	12.0	A-2	2517 ¹⁾	315.0	19.05	63.50	60.33	15.88	44.45	—	15.0	PHP 2-C120TB
		330.2	13.0	A-3	2517 ¹⁾	340.4	19.05	63.50	60.33	15.88	44.45	—	15.9	PHP 2-C130TB
		355.6	14.0	A-3	2517 ¹⁾	365.8	19.05	63.50	60.33	15.88	44.45	—	16.3	PHP 2-C140TB
		406.4	16.0	A-3	2517 ¹⁾	416.6	19.05	63.50	60.33	15.88	44.45	—	19.1	PHP 2-C160TB
		457.2	18.0	A-3	3020	467.4	31.75	76.20	60.33	—	50.80	9.53	19.1	PHP 2-C180TB
		508.0	20.0	A-3	3020	518.2	31.75	76.20	60.33	—	50.80	9.53	20.4	PHP 2-C200TB
		609.6	24.0	A-3	3020	619.8	31.75	76.20	60.33	—	50.80	9.53	32.7	PHP 2-C240TB
C	3	177.8	7.0	A-1	2517 ¹⁾	188.0	19.05	63.50	85.73	6.35	44.45	34.93	8.2	PHP 3-C70TB
		190.5	7.5	A-1	2517 ¹⁾	200.7	19.05	63.50	85.73	6.35	44.45	34.93	9.1	PHP 3-C75TB
		203.2	8.0	A-1	2517 ¹⁾	213.4	19.05	63.50	85.73	6.35	44.45	34.93	10.0	PHP 3-C80TB
		215.9	8.5	A-2	2517 ¹⁾	226.1	19.05	63.50	85.73	6.35	44.45	34.93	10.4	PHP 3-C85TB
		228.6	9.0	A-2	2517 ¹⁾	238.8	19.05	63.50	85.73	6.35	44.45	34.93	10.9	PHP 3-C90TB
		241.3	9.5	A-2	2517 ¹⁾	251.5	19.05	63.50	85.73	6.35	44.45	34.93	12.3	PHP 3-C95TB
		254.0	10.0	A-2	2517 ¹⁾	264.2	19.05	63.50	85.73	6.35	44.45	34.93	13.2	PHP 3-C100TB
		266.7	10.5	A-2	2517 ¹⁾	276.9	19.05	63.50	85.73	6.35	44.45	34.93	14.5	PHP 3-C105TB
		279.4	11.0	A-2	2517 ¹⁾	289.6	19.05	63.50	85.73	6.35	44.45	34.93	15.9	PHP 3-C110TB
		304.8	12.0	A-2	3020	315.0	31.75	76.20	85.73	—	50.80	34.93	20.0	PHP 3-C120TB
		330.2	13.0	A-3	3020	340.4	31.75	76.20	85.73	—	50.80	34.93	22.2	PHP 3-C130TB
		355.6	14.0	A-3	3020	365.8	31.75	76.20	85.73	—	50.80	34.93	22.7	PHP 3-C140TB
		406.4	16.0	A-3	3020	416.6	31.75	76.20	85.73	—	50.80	34.93	29.0	PHP 3-C160TB
		457.2	18.0	A-3	3030	467.4	31.75	76.20	85.73	—	76.20	9.53	29.0	PHP 3-C180TB
		508.0	20.0	A-3	3030	518.2	31.75	76.20	85.73	—	76.20	9.53	35.4	PHP 3-C200TB
		609.6	24.0	A-3	3030	619.8	31.75	76.20	85.73	—	76.20	9.53	43.5	PHP 3-C240TB
762.0	30.0	B-3	3535 ¹⁾	772.2	50.80	88.90	85.73	—	88.90	3.18	56.7	PHP 3-C300TB		
914.4	36.0	B-3	3535 ¹⁾	924.6	50.80	88.90	85.73	—	88.90	3.18	79.4	PHP 3-C360TB		
C	4	177.8	7.0	A-1	2517 ¹⁾	188.0	19.05	63.50	111.13	12.70	44.45	53.98	9.1	PHP 4-C70TB
		190.5	7.5	A-1	2517 ¹⁾	200.7	19.05	63.50	111.13	12.70	44.45	53.98	10.4	PHP 4-C75TB
		203.2	8.0	A-1	2517 ¹⁾	213.4	19.05	63.50	111.13	12.70	44.45	53.98	11.3	PHP 4-C80TB
		215.9	8.5	A-2	2517 ¹⁾	226.1	19.05	63.50	111.13	12.70	44.45	53.98	11.8	PHP 4-C85TB
		228.6	9.0	A-2	2517 ¹⁾	238.8	19.05	63.50	111.13	12.70	44.45	53.98	12.3	PHP 4-C90TB
		241.3	9.5	A-2	2517 ¹⁾	251.5	19.05	63.50	111.13	12.70	44.45	53.98	16.3	PHP 4-C95TB
		254.0	10.0	A-2	2517 ¹⁾	264.2	19.05	63.50	111.13	12.70	44.45	53.98	17.7	PHP 4-C100TB
		266.7	10.5	A-2	2517 ¹⁾	276.9	19.05	63.50	111.13	12.70	44.45	53.98	19.1	PHP 4-C105TB
		279.4	11.0	A-2	2517 ¹⁾	289.6	19.05	63.50	111.13	12.70	44.45	53.98	20.4	PHP 4-C110TB
		304.8	12.0	A-2	3030 ¹⁾	315.0	19.05	76.20	111.13	—	76.20	34.93	21.3	PHP 4-C120TB
		330.2	13.0	A-3	3030	340.4	31.75	76.20	111.13	—	76.20	34.93	23.1	PHP 4-C130TB
		355.6	14.0	A-3	3030	365.8	31.75	76.20	111.13	—	76.20	34.93	24.5	PHP 4-C140TB
		406.4	16.0	A-3	3030	416.6	31.75	76.20	111.13	—	76.20	34.93	32.2	PHP 4-C160TB
		457.2	18.0	A-3	3030	467.4	31.75	76.20	111.13	—	76.20	34.93	36.7	PHP 4-C180TB
		508.0	20.0	A-3	3030	518.2	31.75	76.20	111.13	—	76.20	34.93	38.1	PHP 4-C200TB
		609.6	24.0	A-3	3030	619.8	31.75	76.20	111.13	—	76.20	34.93	52.6	PHP 4-C240TB
762.0	30.0	A-3	3535 ¹⁾	772.2	50.80	88.90	111.13	—	88.90	22.23	74.4	PHP 4-C300TB		
914.4	36.0	A-3	3535 ¹⁾	924.6	50.80	88.90	111.13	—	88.90	22.23	87.1	PHP 4-C360TB		
1117.6	44.0	A-3	4040	1127.8	44.45	101.60	111.13	—	101.60	9.53	127.9	PHP 4-C440TB		

¹⁾ Taper bushing needs to conform to coarse thread series (UNC) of the ASME/ANSI standard. To complete designation, add U before bushing number and bore size at the end of designation, e.g. PHF TBU3535X70MM.

²⁾ Mass does not include bushings.

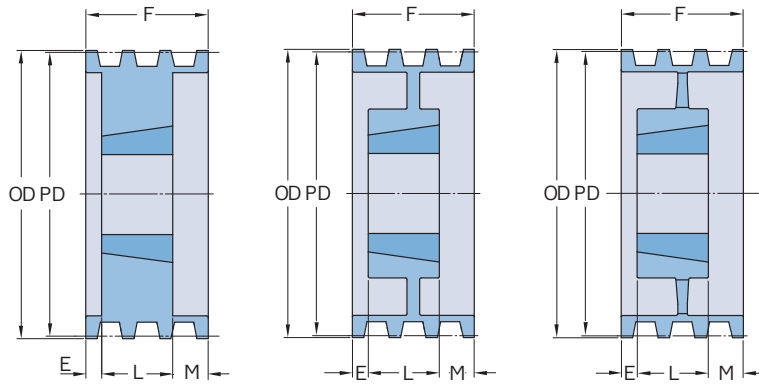
Classical V-belt pulleys
C taper bushed

Section	Number of grooves	Pitch diameter		Pulley type	Bushing number	Dimensions						Mass ²⁾	Designation			
		PCD				Outer diameter OD	B Min.	Max.	F	E	L			M		
—	—	mm	in.	—	—	mm							kg	—		
C	5	177.8	7.0	A-1	2517 ¹⁾	188.0	19.05	63.50	136.53	38.10	44.45	53.98	10.4	PHP 5-C70TB		
		190.5	7.5	A-1	2517 ¹⁾	200.7	19.05	63.50	136.53	38.10	44.45	53.98	11.8	PHP 5-C75TB		
		203.2	8.0	A-1	2517 ¹⁾	213.4	19.05	63.50	136.53	38.10	44.45	53.98	13.6	PHP 5-C80TB		
		215.9	8.5	A-1	2517 ¹⁾	226.1	19.05	63.50	136.53	38.10	44.45	53.98	15.4	PHP 5-C85TB		
		228.6	9.0	A-2	2517 ¹⁾	238.8	19.05	63.50	136.53	38.10	44.45	53.98	15.9	PHP 5-C90TB		
		241.3	9.5	A-2	2517 ¹⁾	251.5	19.05	63.50	136.53	38.10	44.45	53.98	16.3	PHP 5-C95TB		
		254.0	10.0	A-2	2517 ¹⁾	264.2	19.05	63.50	136.53	38.10	44.45	53.98	17.7	PHP 5-C100TB		
		266.7	10.5	A-2	2517 ¹⁾	276.9	19.05	63.50	136.53	38.10	44.45	53.98	19.1	PHP 5-C105TB		
		279.4	11.0	A-2	2517 ¹⁾	289.6	19.05	63.50	136.53	38.10	44.45	53.98	19.5	PHP 5-C110TB		
		304.8	12.0	A-2	3030	315.0	31.75	76.20	136.53	12.70	76.20	47.63	26.3	PHP 5-C120TB		
		330.2	13.0	A-3	3030	340.4	31.75	76.20	136.53	12.70	76.20	47.63	28.6	PHP 5-C130TB		
		355.6	14.0	A-3	3030	365.8	31.75	76.20	136.53	12.70	76.20	47.63	29.5	PHP 5-C140TB		
		406.4	16.0	A-3	3030	416.6	31.75	76.20	136.53	12.70	76.20	47.63	31.8	PHP 5-C160TB		
		457.2	18.0	A-3	3030	467.4	31.75	76.20	136.53	12.70	76.20	47.63	37.7	PHP 5-C180TB		
		508.0	20.0	A-3	3535 ¹⁾	518.2	50.80	88.90	136.53	—	88.90	47.63	49.9	PHP 5-C200TB		
		609.6	24.0	A-3	3535 ¹⁾	619.8	50.80	88.90	136.53	—	88.90	47.63	62.6	PHP 5-C240TB		
		762.0	30.0	A-3	3535 ¹⁾	772.2	50.80	88.90	136.53	—	88.90	47.63	79.8	PHP 5-C300TB		
		914.4	36.0	A-3	4040	924.6	44.45	101.60	136.53	6.35	101.60	28.58	110.7	PHP 5-C360TB		
		1117.6	44.0	A-3	4040	1127.8	44.45	101.60	136.53	6.35	101.60	28.58	130.6	PHP 5-C440TB		
C	6	177.8	7.0	A-1	3030	188.0	31.75	76.20	161.93	25.40	76.20	60.33	13.6	PHP 6-C70TB		
		190.5	7.5	A-1	3030	200.7	31.75	76.20	161.93	25.40	76.20	60.33	14.1	PHP 6-C75TB		
		203.2	8.0	A-1	3030	213.4	31.75	76.20	161.93	25.40	76.20	60.33	15.9	PHP 6-C80TB		
		215.9	8.5	A-1	3030	226.1	31.75	76.20	161.93	25.40	76.20	60.33	18.1	PHP 6-C85TB		
		228.6	9.0	A-1	3030	238.8	31.75	76.20	161.93	25.40	76.20	60.33	21.3	PHP 6-C90TB		
		241.3	9.5	A-1	3030	251.5	31.75	76.20	161.93	25.40	76.20	60.33	24.0	PHP 6-C95TB		
		254.0	10.0	A-1	3030	264.2	31.75	76.20	161.93	25.40	76.20	60.33	25.9	PHP 6-C100TB		
		266.7	10.5	A-2	3030	276.9	31.75	76.20	161.93	25.40	76.20	60.33	26.3	PHP 6-C105TB		
		279.4	11.0	A-2	3030	289.6	31.75	76.20	161.93	25.40	76.20	60.33	29.9	PHP 6-C110TB		
		304.8	12.0	A-2	3030	315.0	31.75	76.20	161.93	25.40	76.20	60.33	31.8	PHP 6-C120TB		
		330.2	13.0	A-3	3030	340.4	31.75	76.20	161.93	25.40	76.20	60.33	34.0	PHP 6-C130TB		
		355.6	14.0	A-3	3535 ¹⁾	365.8	50.80	88.90	161.93	12.70	88.90	60.33	36.3	PHP 6-C140TB		
		406.4	16.0	A-3	3535 ¹⁾	416.6	50.80	88.90	161.93	12.70	88.90	60.33	39.5	PHP 6-C160TB		
		457.2	18.0	A-3	3535 ¹⁾	467.4	50.80	88.90	161.93	12.70	88.90	60.33	46.3	PHP 6-C180TB		
		508.0	20.0	A-3	3535 ¹⁾	518.2	50.80	88.90	161.93	12.70	88.90	60.33	57.2	PHP 6-C200TB		
		609.6	24.0	A-3	3535 ¹⁾	619.8	50.80	88.90	161.93	12.70	88.90	60.33	68.0	PHP 6-C240TB		
		762.0	30.0	A-3	4040	772.2	44.45	101.60	161.93	25.40	101.60	34.93	102.5	PHP 6-C300TB		
		914.4	36.0	A-3	4040	924.6	44.45	101.60	161.93	25.40	101.60	34.93	122.5	PHP 6-C360TB		
		1117.6	44.0	A-3	4040	1127.8	44.45	101.60	161.93	25.40	101.60	34.93	145.2	PHP 6-C440TB		
C	8	203.2	8.0	A-1	3030	213.4	31.75	76.20	212.73	50.80	76.20	85.73	20.4	PHP 8-C80TB		
		215.9	8.5	A-1	3030	226.1	31.75	76.20	212.73	50.80	76.20	85.73	21.3	PHP 8-C85TB		
		228.6	9.0	A-1	3535 ¹⁾	238.8	50.80	88.90	212.73	38.10	88.90	85.73	29.0	PHP 8-C90TB		
		241.3	9.5	A-1	3535 ¹⁾	251.5	50.80	88.90	212.73	38.10	88.90	85.73	30.4	PHP 8-C95TB		
		254.0	10.0	A-1	3535 ¹⁾	264.2	50.80	88.90	212.73	38.10	88.90	85.73	31.8	PHP 8-C100TB		
		266.7	10.5	A-1	3535 ¹⁾	276.9	50.80	88.90	212.73	38.10	88.90	85.73	38.1	PHP 8-C105TB		
		279.4	11.0	A-1	3535 ¹⁾	289.6	50.80	88.90	212.73	38.10	88.90	85.73	39.5	PHP 8-C110TB		
		304.8	12.0	A-2	3535 ¹⁾	315.0	50.80	88.90	212.73	38.10	88.90	85.73	40.8	PHP 8-C120TB		
		330.2	13.0	A-2	3535 ¹⁾	340.4	50.80	88.90	212.73	38.10	88.90	85.73	44.0	PHP 8-C130TB		
		355.6	14.0	A-2	3535 ¹⁾	365.8	50.80	88.90	212.73	38.10	88.90	85.73	47.6	PHP 8-C140TB		
		406.4	16.0	A-3	3535 ¹⁾	416.6	50.80	88.90	212.73	38.10	88.90	85.73	52.2	PHP 8-C160TB		
		457.2	18.0	A-3	4040	467.4	44.45	101.60	212.73	38.10	101.60	73.03	62.1	PHP 8-C180TB		
		508.0	20.0	A-3	4040	518.2	44.45	101.60	212.73	38.10	101.60	73.03	81.7	PHP 8-C200TB		
		609.6	24.0	A-3	4040	619.8	44.45	101.60	212.73	38.10	101.60	73.03	93.0	PHP 8-C240TB		
		762.0	30.0	A-3	4040	772.2	44.45	101.60	212.73	38.10	101.60	73.03	119.3	PHP 8-C300TB		
		914.4	36.0	A-3	4545	924.6	57.15	114.30	212.73	31.75	114.30	66.68	155.6	PHP 8-C360TB		
		1117.6	44.0	A-3	4545	1127.8	57.15	114.30	212.73	31.75	114.30	66.68	196.0	PHP 8-C440TB		
		C	10	228.6	9.0	A-1	4545	238.8	57.15	114.30	263.53	38.10	114.30	111.13	25.9	PHP 10-C90TB
				241.3	9.5	A-1	4545	251.5	57.15	114.30	263.53	38.10	114.30	111.13	29.9	PHP 10-C95TB
254.0	10.0			A-1	4545	264.2	57.15	114.30	263.53	38.10	114.30	111.13	34.9	PHP 10-C100TB		
266.7	10.5			A-1	4545	276.9	57.15	114.30	263.53	38.10	114.30	111.13	39.5	PHP 10-C105TB		
279.4	11.0			A-1	4545	289.6	57.15	114.30	263.53	38.10	114.30	111.13	44.5	PHP 10-C110TB		
304.8	12.0			A-1	4545	315.0	57.15	114.30	263.53	38.10	114.30	111.13	54.9	PHP 10-C120TB		
330.2	13.0			A-1	4545	340.4	57.15	114.30	263.53	50.80	114.30	98.43	66.2	PHP 10-C130TB		
355.6	14.0			A-2	4545	365.8	57.15	114.30	263.53	50.80	114.30	98.43	78.5	PHP 10-C140TB		
406.4	16.0			A-2	4545	416.6	57.15	114.30	263.53	50.80	114.30	98.43	105.7	PHP 10-C160TB		
457.2	18.0			A-2	4545	467.4	57.15	114.30	263.53	50.80	114.30	98.43	79.8	PHP 10-C180TB		
508.0	20.0			A-3	4545	518.2	57.15	114.30	263.53	50.80	114.30	98.43	91.2	PHP 10-C200TB		
609.6	24.0			A-3	4545	619.8	57.15	114.30	263.53	50.80	114.30	98.43	110.2	PHP 10-C240TB		
762.0	30.0			A-3	4545	772.2	57.15	114.30	263.53	50.80	114.30	98.43	145.2	PHP 10-C300TB		
914.4	36.0			A-3	4545	924.6	57.15	114.30	263.53	50.80	114.30	98.43	210.5	PHP 10-C360TB		
1117.6	44.0			A-3	4545	1127.8	57.15	114.30	263.53	50.80	114.30	98.43	230.4	PHP 10-C440TB		
C	12	228.6	9.0	A-1	4040	238.8	44.45	101.60	314.33	88.90	101.60	123.83	29.5	PHP 12-C90TB		
		241.3	9.5	A-1	4040	251.5	44.45	101.60	314.33	88.90	101.60	123.83	34.0	PHP 12-C95TB		
		254.0	10.0	A-1	4040	264.2	44.45	101.60	314.33	88.90	101.60	123.83	38.6	PHP 12-C100TB		

¹⁾ Taper bushing needs to conform to coarse thread series (UNC) of the ASME/ANSI standard. To complete designation, add U before bushing number and bore size at the end of designation, e.g. PHF TBU3535X70MM.

²⁾ Mass does not include bushings.

Classical V-belt pulleys
C taper bushed | D taper bushed



Type A-1

Type A-2

Type A-3

Section	Number of grooves	Pitch diameter		Pulley type	Bushing number	Dimensions		F	E	L	M	Mass ²⁾	Designation			
		PCD				Outer diameter OD	B Min.							Max.		
—	—	mm	in.	—	—	mm						kg	—			
C	12	266.7	10.5	A-1	4040	276.9	44.45	101.60	314.33	88.90	101.60	123.83	43.1	PHP 12-C105TB		
		279.4	11.0	A-1	4040	289.6	44.45	101.60	314.33	88.90	101.60	123.83	47.2	PHP 12-C110TB		
		304.8	12.0	A-1	4040	315.0	44.45	101.60	314.33	88.90	101.60	123.83	57.2	PHP 12-C120TB		
		330.2	13.0	A-1	4545	340.4	57.15	114.30	314.33	76.20	114.30	123.83	70.8	PHP 12-C130TB		
		355.6	14.0	A-1	4545	365.8	57.15	114.30	314.33	76.20	114.30	123.83	83.5	PHP 12-C140TB		
D	4	304.8	12.0	A-2	3535 ¹⁾	320.0	50.80	88.90	153.99	19.05	88.90	46.04	28.6	PHP 4-D120TB		
		330.2	13.0	A-2	3535 ¹⁾	345.4	50.80	88.90	153.99	19.05	88.90	46.04	33.1	PHP 4-D130TB		
		342.9	13.5	A-2	3535 ¹⁾	358.1	50.80	88.90	153.99	19.05	88.90	46.04	35.4	PHP 4-D135TB		
		355.6	14.0	A-2	3535 ¹⁾	370.8	50.80	88.90	153.99	19.05	88.90	46.04	37.7	PHP 4-D140TB		
		368.3	14.5	A-2	3535 ¹⁾	383.5	50.80	88.90	153.99	19.05	88.90	46.04	42.6	PHP 4-D145TB		
		381.0	15.0	A-2	3535 ¹⁾	396.2	50.80	88.90	153.99	19.05	88.90	46.04	42.6	PHP 4-D150TB		
		393.7	15.5	A-2	3535 ¹⁾	408.9	50.80	88.90	153.99	19.05	88.90	46.04	44.9	PHP 4-D155TB		
		406.4	16.0	A-2	3535 ¹⁾	421.6	50.80	88.90	153.99	19.05	88.90	46.04	47.2	PHP 4-D160TB		
		457.2	18.0	A-3	3535 ¹⁾	472.4	50.80	88.90	153.99	19.05	88.90	46.04	49.4	PHP 4-D180TB		
		558.8	22.0	A-3	4040	574.0	44.45	101.60	153.99	19.05	101.60	33.34	64.4	PHP 4-D220TB		
		685.8	27.0	A-3	4040	701.0	44.45	101.60	153.99	19.05	101.60	33.34	82.6	PHP 4-D270TB		
		D	5	304.8	12.0	A-1	4040	320.0	44.45	101.60	190.50	6.35	101.60	69.85	37.2	PHP 5-D120TB
				330.2	13.0	A-2	4040	345.4	44.45	101.60	190.50	19.05	101.60	69.85	39.5	PHP 5-D130TB
				342.9	13.5	A-2	4040	358.1	44.45	101.60	190.50	19.05	101.60	69.85	41.7	PHP 5-D135TB
				355.6	14.0	A-2	4040	370.8	44.45	101.60	190.50	19.05	101.60	69.85	44.0	PHP 5-D140TB
368.3	14.5			A-2	4040	383.5	44.45	101.60	190.50	19.05	101.60	69.85	46.3	PHP 5-D145TB		
381.0	15.0			A-2	4040	396.2	44.45	101.60	190.50	19.05	101.60	69.85	48.5	PHP 5-D150TB		
393.7	15.5			A-2	4040	408.9	44.45	101.60	190.50	19.05	101.60	69.85	50.8	PHP 5-D155TB		
406.4	16.0			A-2	4040	421.6	44.45	101.60	190.50	19.05	101.60	69.85	50.8	PHP 5-D160TB		
457.2	18.0			A-3	4040	472.4	44.45	101.60	190.50	25.40	101.60	63.50	59.9	PHP 5-D180TB		
558.8	22.0			A-3	4040	574.0	44.45	101.60	190.50	25.40	101.60	63.50	73.5	PHP 5-D220TB		
685.8	27.0	A-3	4040	701.0	44.45	101.60	190.50	25.40	101.60	63.50	93.9	PHP 5-D270TB				
D	6	304.8	12.0	A-1	4040	320.0	44.45	101.60	227.01	25.40	101.60	100.01	45.4	PHP 6-D120TB		
		330.2	13.0	A-2	4040	345.4	44.45	101.60	227.01	38.10	101.60	87.31	45.4	PHP 6-D130TB		
		342.9	13.5	A-2	4040	358.1	44.45	101.60	227.01	38.10	101.60	87.31	48.5	PHP 6-D135TB		
		355.6	14.0	A-2	4040	370.8	44.45	101.60	227.01	38.10	101.60	87.31	50.8	PHP 6-D140TB		
		368.3	14.5	A-2	4040	383.5	44.45	101.60	227.01	38.10	101.60	87.31	53.1	PHP 6-D145TB		
		381.0	15.0	A-2	4040	396.2	44.45	101.60	227.01	38.10	101.60	87.31	55.3	PHP 6-D150TB		
		393.7	15.5	A-2	4040	408.9	44.45	101.60	227.01	38.10	101.60	87.31	57.6	PHP 6-D155TB		
		406.4	16.0	A-2	4040	421.6	44.45	101.60	227.01	38.10	101.60	87.31	79.4	PHP 6-D160TB		
		457.2	18.0	A-2	4040	472.4	44.45	101.60	227.01	38.10	101.60	87.31	83.9	PHP 6-D180TB		
		558.8	22.0	A-3	4040	574.0	44.45	101.60	227.01	38.10	101.60	87.31	95.3	PHP 6-D220TB		
		685.8	27.0	A-3	4545	701.0	57.15	114.30	227.01	44.45	114.30	68.26	117.9	PHP 6-D270TB		
		838.2	33.0	A-3	4545	853.4	57.15	114.30	227.01	44.45	114.30	68.26	154.2	PHP 6-D330TB		
		D	8	304.8	12.0	A-1	4545	320.0	57.15	114.30	300.04	12.70	114.30	173.04	56.7	PHP 8-D120TB
				330.2	13.0	A-1	4545	345.4	57.15	114.30	300.04	12.70	114.30	173.04	70.3	PHP 8-D130TB
				342.9	13.5	A-2	4545	358.1	57.15	114.30	300.04	25.40	114.30	160.34	68.0	PHP 8-D135TB
355.6	14.0			A-1	4545	370.8	57.15	114.30	300.04	25.40	114.30	160.34	70.3	PHP 8-D140TB		
368.3	14.5			A-2	4545	383.5	57.15	114.30	300.04	50.80	114.30	134.94	70.3	PHP 8-D145TB		
381.0	15.0			A-2	4545	396.2	57.15	114.30	300.04	50.80	114.30	134.94	61.2	PHP 8-D150TB		
393.7	15.5			A-2	4545	408.9	57.15	114.30	300.04	50.80	114.30	134.94	74.8	PHP 8-D155TB		
406.4	16.0			A-2	4545	421.6	57.15	114.30	300.04	50.80	114.30	134.94	74.8	PHP 8-D160TB		
457.2	18.0			A-2	4545	472.4	57.15	114.30	300.04	69.85	114.30	115.89	81.7	PHP 8-D180TB		
558.8	22.0			A-3	4545	574.0	57.15	114.30	300.04	69.85	114.30	115.89	124.7	PHP 8-D220TB		
685.8	27.0			A-3	4545	701.0	57.15	114.30	300.04	69.85	114.30	115.89	156.5	PHP 8-D270TB		
838.2	33.0			A-3	4545	853.4	57.15	114.30	300.04	69.85	114.30	115.89	206.4	PHP 8-D330TB		

¹⁾ Taper bushing needs to conform to coarse thread series (UNC) of the ASME/ANSI standard. To complete designation, add U before bushing number and bore size at the end of designation, e.g. PHF TBU3535X70MM.

²⁾ Mass does not include bushings.

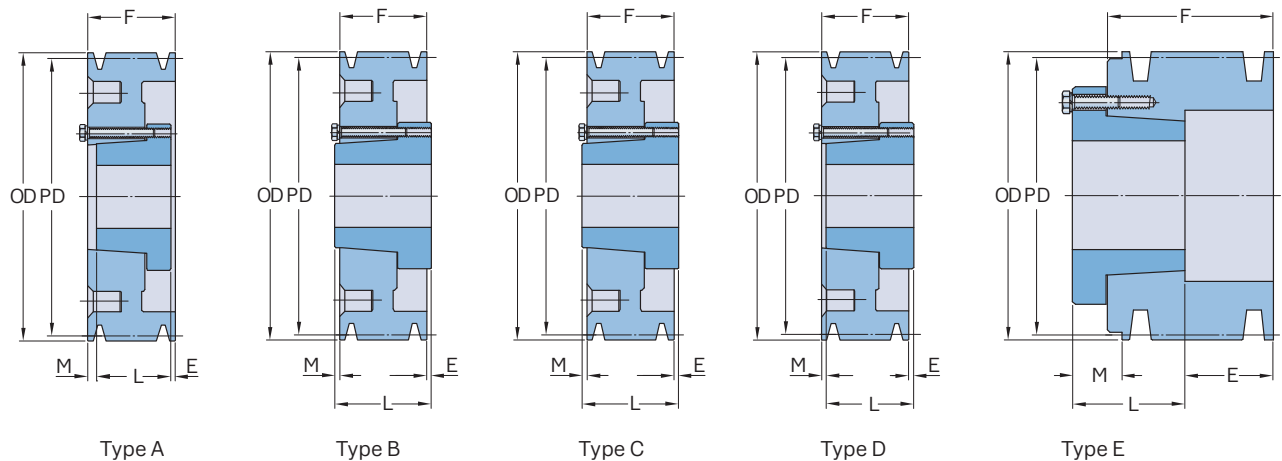
Classical V-belt pulleys D taper bushed

Section	Number of grooves	Pitch diameter		Pulley type	Bushing number	Dimensions		Max.	F	E	L	M	Mass ²⁾	Designation
		PCD				Outer diameter OD	B Min.							
–	–	mm	<i>in.</i>	–	–	mm							kg	–
D	10	304.8	12.0	A-1	4545	320.0	57.15	114.30	373.06	60.33	114.30	198.44	63.5	PHP 10-D120TB
		330.2	13.0	A-1	4545	345.4	57.15	114.30	373.06	60.33	114.30	198.44	77.1	PHP 10-D130TB
		342.9	13.5	A-2	4545	358.1	57.15	114.30	373.06	60.33	114.30	198.44	77.1	PHP 10-D135TB
		355.6	14.0	A-2	4545	370.8	57.15	114.30	373.06	60.33	114.30	198.44	79.4	PHP 10-D140TB
		368.3	14.5	A-2	4545	383.5	57.15	114.30	373.06	60.33	114.30	198.44	81.7	PHP 10-D145TB
		381.0	15.0	A-2	4545	396.2	57.15	114.30	373.06	60.33	114.30	198.44	88.5	PHP 10-D150TB
		393.7	15.5	A-2	4545	408.9	57.15	114.30	373.06	60.33	114.30	198.44	79.4	PHP 10-D155TB
		406.4	16.0	A-2	4545	421.6	57.15	114.30	373.06	60.33	114.30	198.44	88.5	PHP 10-D160TB
		457.2	18.0	A-2	4545	472.4	57.15	114.30	373.06	101.60	114.30	157.16	88.5	PHP 10-D180TB
		558.8	22.0	A-3	4545	574.0	57.15	114.30	373.06	101.60	114.30	157.16	154.2	PHP 10-D220TB
		685.8	27.0	A-3	4545	701.0	57.15	114.30	373.06	101.60	114.30	157.16	188.2	PHP 10-D270TB
		838.2	33.0	A-3	4545	853.4	57.15	114.30	373.06	107.95	114.30	150.81	220.0	PHP 10-D330TB

F

¹⁾ Taper bushing needs to conform to coarse thread series (UNC) of the ASME/ANSI standard. To complete designation, add U before bushing number and bore size at the end of designation, e.g. PHF TBU3535X70MM.
²⁾ Mass does not include bushings.

Classical V-belt pulleys
A/B QD bushed



Section	Number of grooves	Pitch diameter Belt A PCD		Belt B PCD		Pulley type ¹⁾	Bushing number	Dimensions		Max.	E	F	L	M	Mass ²⁾	Designation
		mm	in.	mm	in.			Outer diameter OD	Bore Min.							
–	–	mm	in.	mm	in.	–	–	mm							kg	–
A/B	1	76.2	3.0	86.4	3.4	E-1	SH	95.25	12.70	41.28	5.56	22.23	33.34	16.67	0.9	PHP1-B34-SH
		81.3	3.2	91.4	3.6	D-1	SH	100.33	12.70	41.28	15.08	22.23	33.34	3.97	1.0	PHP1-B36-SH
		86.4	3.4	96.5	3.8	D-1	SH	105.41	12.70	41.28	15.08	22.23	33.34	3.97	1.1	PHP1-B38-SH
		91.4	3.6	101.6	4.0	C-1	SH	110.49	12.70	41.28	8.73	22.23	33.34	2.38	1.2	PHP1-B40-SH
		96.5	3.8	106.7	4.2	C-1	SH	115.57	12.70	41.28	8.73	22.23	33.34	2.38	1.3	PHP1-B42-SH
		101.6	4.0	111.8	4.4	C-1	SH	120.65	12.70	41.28	8.73	22.23	33.34	2.38	1.5	PHP1-B44-SH
		106.7	4.2	116.8	4.6	C-1	SH	125.73	12.70	50.80	8.73	22.23	33.34	2.38	1.8	PHP1-B46-SDS
		111.8	4.4	121.9	4.8	C-1	SH	130.81	12.70	50.80	8.73	22.23	33.34	2.38	2.0	PHP1-B48-SDS
		116.8	4.6	127.0	5.0	C-1	SH	135.89	12.70	50.80	8.73	22.23	33.34	2.38	2.1	PHP1-B50-SDS
		121.9	4.8	132.1	5.2	C-1	SH	140.97	12.70	50.80	8.73	22.23	33.34	2.38	2.3	PHP1-B52-SDS
		127.0	5.0	137.2	5.4	C-1	SH	146.05	12.70	50.80	8.73	22.23	33.34	2.38	2.4	PHP1-B54-SDS
		132.1	5.2	142.2	5.6	C-1	SH	151.13	12.70	50.80	8.73	22.23	33.34	2.38	2.5	PHP1-B56-SDS
		137.2	5.4	147.3	5.8	C-2	SH	156.21	12.70	50.80	8.73	22.23	33.34	2.38	2.7	PHP1-B58-SDS
		142.2	5.6	152.4	6.0	C-2	SH	161.29	12.70	50.80	8.73	22.23	33.34	2.38	2.8	PHP1-B60-SDS
		147.3	5.8	157.5	6.2	C-2	SH	166.37	12.70	50.80	8.73	22.23	33.34	2.38	3.0	PHP1-B62-SDS
		152.4	6.0	162.6	6.4	C-2	SH	171.45	12.70	50.80	8.73	22.23	33.34	2.38	3.1	PHP1-B64-SDS
		157.5	6.2	167.6	6.6	C-2	SH	176.53	12.70	50.80	8.73	22.23	33.34	2.38	3.3	PHP1-B66-SDS
		162.6	6.4	172.7	6.8	C-3	SH	181.61	12.70	50.80	8.73	22.23	33.34	2.38	3.4	PHP1-B68-SDS
		167.6	6.6	177.8	7.0	C-3	SH	186.69	12.70	50.80	8.73	22.23	33.34	2.38	3.5	PHP1-B70-SDS
		177.8	7.0	188.0	7.4	D-3	SH	196.85	12.70	50.80	13.49	25.40	33.34	5.56	4.0	PHP1-B74-SDS
		193.0	7.6	203.2	8.0	D-3	SH	212.09	12.70	50.80	13.49	25.40	33.34	5.56	4.4	PHP1-B80-SDS
		208.3	8.2	218.4	8.6	D-3	SH	227.33	12.70	50.80	13.49	25.40	33.34	5.56	4.5	PHP1-B86-SDS
		228.6	9.0	238.8	9.4	D-3	SH	247.65	12.70	50.80	13.49	25.40	33.34	5.56	4.8	PHP1-B94-SDS
		269.2	10.6	279.4	11.0	D-3	SH	288.29	12.70	50.80	13.49	25.40	33.34	5.56	5.0	PHP1-B110-SDS
		304.8	12.0	315.0	12.4	D-3	SH	323.85	12.70	50.80	13.49	25.40	33.34	5.56	5.4	PHP1-B124-SDS
		335.3	13.2	345.4	13.6	D-3	SH	354.33	12.70	50.80	13.49	25.40	33.34	5.56	6.4	PHP1-B136-SDS
		381.0	15.0	391.2	15.4	C-3	SK	400.05	12.70	66.68	16.67	25.40	49.21	7.14	7.3	PHP1-B154-SK
		396.2	15.6	406.4	16.0	C-3	SK	415.29	12.70	66.68	16.67	25.40	49.21	7.14	7.5	PHP1-B160-SK
		457.2	18.0	467.4	18.4	C-3	SK	476.25	12.70	66.68	16.67	25.40	49.21	7.14	8.2	PHP1-B184-SK
		497.8	19.6	508.0	20.0	C-3	SK	516.89	12.70	66.68	16.67	25.40	49.21	7.14	9.1	PHP1-B200-SK
A/B	2	76.2	3.0	86.4	3.4	E-1	SH	95.25	12.70	41.28	27.78	44.45	33.34	16.67	1.5	PHP2-B34-SH
		81.3	3.2	91.4	3.6	D-1	SH	100.33	12.70	41.28	11.91	44.45	33.34	23.02	1.5	PHP2-B36-SH
		86.4	3.4	96.5	3.8	D-1	SH	105.41	12.70	41.28	11.91	44.45	33.34	23.02	1.8	PHP2-B38-SH
		91.4	3.6	101.6	4.0	A-1	SH	110.49	12.70	41.28	0.79	44.45	33.34	10.32	1.9	PHP2-B40-SH
		96.5	3.8	106.7	4.2	A-1	SH	115.57	12.70	41.28	0.79	44.45	33.34	10.32	2.0	PHP2-B42-SH
		101.6	4.0	111.8	4.4	A-1	SH	120.65	12.70	41.28	0.79	44.45	33.34	10.32	2.1	PHP2-B44-SH
		106.7	4.2	116.8	4.6	A-1	SH	125.73	12.70	50.80	0.79	44.45	33.34	10.32	2.3	PHP2-B46-SDS
		111.8	4.4	121.9	4.8	A-1	SH	130.81	12.70	50.80	0.79	44.45	33.34	10.32	2.5	PHP2-B48-SDS
		116.8	4.6	127.0	5.0	A-1	SH	135.89	12.70	50.80	0.79	44.45	33.34	10.32	2.7	PHP2-B50-SDS
		121.9	4.8	132.1	5.2	A-1	SH	140.97	12.70	50.80	0.79	44.45	33.34	10.32	2.9	PHP2-B52-SDS
		127.0	5.0	137.2	5.4	A-1	SH	146.05	12.70	50.80	0.79	44.45	33.34	10.32	3.0	PHP2-B54-SDS
		132.1	5.2	142.2	5.6	A-2	SH	151.13	12.70	50.80	0.79	44.45	33.34	10.32	3.1	PHP2-B56-SDS
		137.2	5.4	147.3	5.8	A-2	SH	156.21	12.70	50.80	0.79	44.45	33.34	10.32	3.3	PHP2-B58-SDS
		142.2	5.6	152.4	6.0	A-2	SH	161.29	12.70	50.80	0.79	44.45	33.34	10.32	3.4	PHP2-B60-SDS
		147.3	5.8	157.5	6.2	A-2	SH	166.37	12.70	50.80	0.79	44.45	33.34	10.32	3.5	PHP2-B62-SDS
		152.4	6.0	162.6	6.4	A-2	SH	171.45	12.70	50.80	0.79	44.45	33.34	10.32	3.7	PHP2-B64-SDS
		157.5	6.2	167.6	6.6	A-2	SH	176.53	12.70	50.80	0.79	44.45	33.34	10.32	3.9	PHP2-B66-SDS
		162.6	6.4	172.7	6.8	A-3	SH	181.61	12.70	50.80	0.79	44.45	33.34	10.32	4.1	PHP2-B68-SDS
		167.6	6.6	177.8	7.0	D-1	SK	186.69	12.70	66.68	8.73	44.45	49.21	3.97	4.2	PHP2-B70-SK
		177.8	7.0	188.0	7.4	D-3	SK	196.85	12.70	66.68	8.73	44.45	49.21	3.97	4.8	PHP2-B74-SK
		193.0	7.6	203.2	8.0	D-3	SK	212.09	12.70	66.68	8.73	44.45	49.21	3.97	5.0	PHP2-B80-SK
		208.3	8.2	218.4	8.6	D-3	SK	227.33	12.70	66.68	8.73	44.45	49.21	3.97	5.3	PHP2-B86-SK
		228.6	9.0	238.8	9.4	D-3	SK	247.65	12.70	66.68	8.73	44.45	49.21	3.97	5.9	PHP2-B94-SK
		269.2	10.6	279.4	11.0	D-3	SK	288.29	12.70	66.68	8.73	44.45	49.21	3.97	6.4	PHP2-B110-SK

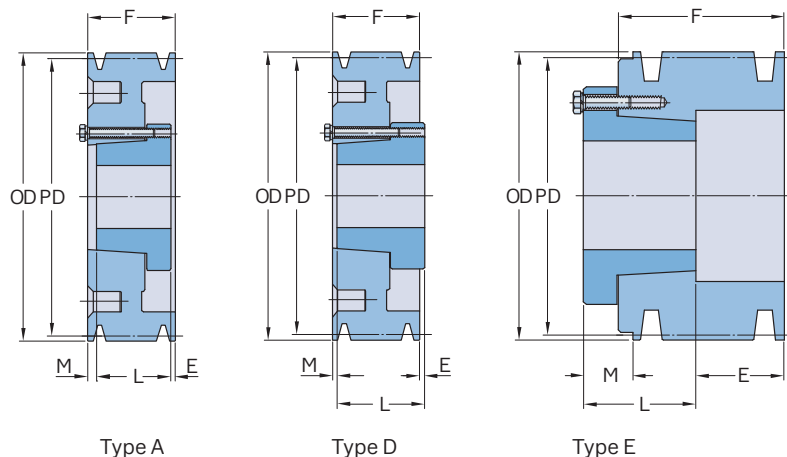
¹⁾ Please, note that 1 in pulley type stands for solid version, 2 for web version and 3 for arm/spoke version.

²⁾ Mass does not include bushings.

Classical V-belt pulleys
A/B QD bushed

Section	Number of grooves	Pitch diameter				Pulley type ¹⁾	Bushing number	Dimensions		Max.	E	F	L	M	Mass ²⁾	Designation
		Belt A PCD		Belt B PCD				Outer diameter OD	Bore Min.							
–	–	mm	in.	mm	in.	–	–	mm							kg	–
A/B	2	304.8	12.0	315.0	12.4	D-3	SK	323.85	12.70	66.68	8.73	44.45	49.21	3.97	8.2	PHP 2-B124-SK
		335.3	13.2	345.4	13.6	D-3	SK	354.33	12.70	66.68	8.73	44.45	49.21	3.97	9.1	PHP 2-B136-SK
		381.0	15.0	391.2	15.4	D-3	SK	400.05	12.70	66.68	8.73	44.45	49.21	3.97	10.4	PHP 2-B154-SK
		396.2	15.6	406.4	16.0	D-3	SK	415.29	12.70	66.68	8.73	44.45	49.21	3.97	10.9	PHP 2-B160-SK
		457.2	18.0	467.4	18.4	D-3	SK	476.25	12.70	66.68	8.73	44.45	49.21	3.97	13.2	PHP 2-B184-SK
		497.8	19.6	508.0	20.0	D-3	SF	516.89	12.70	74.61	11.91	44.45	52.39	3.97	15.0	PHP 2-B200-SF
	3	624.8	24.6	635.0	25.0	D-3	SF	643.89	12.70	74.61	11.91	44.45	52.39	3.97	18.6	PHP 2-B250-SF
		751.8	29.6	762.0	30.0	D-3	SF	770.89	12.70	74.61	11.91	44.45	52.39	3.97	23.1	PHP 2-B300-SF
		955.0	37.6	965.2	38.0	D-3	SF	974.09	12.70	74.61	11.91	44.45	52.39	3.97	29.0	PHP 2-B380-SF
		76.2	3.0	86.4	3.4	E-1	SH	95.25	12.70	41.28	30.96	63.50	33.34	16.67	2.0	PHP 3-B34-SH
		81.3	3.2	91.4	3.6	D-1	SH	100.33	12.70	41.28	11.91	63.50	33.34	42.07	2.1	PHP 3-B36-SH
		86.4	3.4	96.5	3.8	D-1	SH	105.41	12.70	41.28	11.91	63.50	33.34	42.07	2.4	PHP 3-B38-SH
A/B	4	91.4	3.6	101.6	4.0	D-1	SH	110.49	12.70	41.28	11.91	63.50	33.34	42.07	2.5	PHP 3-B40-SH
		96.5	3.8	106.7	4.2	D-1	SH	115.57	12.70	41.28	11.91	63.50	33.34	42.07	2.7	PHP 3-B42-SH
		101.6	4.0	111.8	4.4	D-1	SH	120.65	12.70	41.28	11.91	63.50	33.34	42.07	2.9	PHP 3-B44-SH
		106.7	4.2	116.8	4.6	A-1	SD	125.73	12.70	50.80	10.32	63.50	46.04	7.14	3.0	PHP 3-B46-SD
		111.8	4.4	121.9	4.8	A-1	SD	130.81	12.70	50.80	10.32	63.50	46.04	7.14	3.2	PHP 3-B48-SD
		116.8	4.6	127.0	5.0	A-1	SD	135.89	12.70	50.80	10.32	63.50	46.04	7.14	3.4	PHP 3-B50-SD
		121.9	4.8	132.1	5.2	A-1	SD	140.97	12.70	50.80	10.32	63.50	46.04	7.14	3.5	PHP 3-B52-SD
		127.0	5.0	137.2	5.4	A-1	SD	146.05	12.70	50.80	10.32	63.50	46.04	7.14	3.7	PHP 3-B54-SD
		132.1	5.2	142.2	5.6	A-1	SD	151.13	12.70	50.80	10.32	63.50	46.04	7.14	3.9	PHP 3-B56-SD
		137.2	5.4	147.3	5.8	A-1	SD	156.21	12.70	50.80	10.32	63.50	46.04	7.14	4.0	PHP 3-B58-SD
		142.2	5.6	152.4	6.0	A-1	SD	161.29	12.70	50.80	10.32	63.50	46.04	7.14	4.1	PHP 3-B60-SD
		147.3	5.8	157.5	6.2	A-1	SD	166.37	12.70	50.80	10.32	63.50	46.04	7.14	4.3	PHP 3-B62-SD
		152.4	6.0	162.6	6.4	A-1	SD	171.45	12.70	50.80	10.32	63.50	46.04	7.14	4.4	PHP 3-B64-SD
		157.5	6.2	167.6	6.6	A-1	SD	176.53	12.70	50.80	10.32	63.50	46.04	7.14	4.5	PHP 3-B66-SD
		162.6	6.4	172.7	6.8	B-3	SD	181.61	12.70	50.80	10.32	63.50	46.04	7.14	4.8	PHP 3-B68-SD
		167.6	6.6	177.8	7.0	D-1	SK	186.69	12.70	66.68	2.38	63.50	49.21	16.67	5.0	PHP 3-B70-SK
		177.8	7.0	188.0	7.4	D-3	SK	196.85	12.70	66.68	2.38	63.50	49.21	16.67	5.4	PHP 3-B74-SK
		193.0	7.6	203.2	8.0	D-3	SK	212.09	12.70	66.68	2.38	63.50	49.21	16.67	5.7	PHP 3-B80-SK
		208.3	8.2	218.4	8.6	D-3	SK	227.33	12.70	66.68	2.38	63.50	49.21	16.67	5.9	PHP 3-B86-SK
		228.6	9.0	238.8	9.4	D-3	SK	247.65	12.70	66.68	2.38	63.50	49.21	16.67	7.3	PHP 3-B94-SK
		269.2	10.6	279.4	11.0	D-3	SK	288.29	12.70	66.68	2.38	63.50	49.21	16.67	8.6	PHP 3-B110-SK
		304.8	12.0	315.0	12.4	D-3	SK	323.85	12.70	66.68	2.38	63.50	49.21	16.67	10.9	PHP 3-B124-SK
		335.3	13.2	345.4	13.6	D-3	SK	354.33	12.70	66.68	2.38	63.50	49.21	16.67	12.3	PHP 3-B136-SK
		381.0	15.0	391.2	15.4	D-3	SK	400.05	12.70	66.68	2.38	63.50	49.21	16.67	13.6	PHP 3-B154-SK
		396.2	15.6	406.4	16.0	D-3	SK	415.29	12.70	66.68	2.38	63.50	49.21	16.67	15.0	PHP 3-B160-SK
		457.2	18.0	467.4	18.4	D-3	SK	476.25	12.70	66.68	2.38	63.50	49.21	16.67	17.2	PHP 3-B184-SK
		497.8	19.6	508.0	20.0	D-3	SF	516.89	12.70	74.61	5.56	63.50	52.39	16.67	19.5	PHP 3-B200-SF
		624.8	24.6	635.0	25.0	D-3	SF	643.89	12.70	74.61	5.56	63.50	52.39	16.67	24.5	PHP 3-B250-SF
		751.8	29.6	762.0	30.0	D-3	SF	770.89	12.70	74.61	5.56	63.50	52.39	16.67	30.4	PHP 3-B300-SF
		955.0	37.6	965.2	38.0	D-3	E	974.09	22.23	88.90	13.49	63.50	69.85	7.14	40.8	PHP 3-B380-E
		76.2	3.0	86.4	3.4	E-1	SD	95.25	12.70	50.80	62.71	82.55	46.04	26.19	2.5	PHP 4-B34-SD
		81.3	3.2	91.4	3.6	E-1	SD	100.33	12.70	50.80	62.71	82.55	46.04	26.19	2.6	PHP 4-B36-SD
		86.4	3.4	96.5	3.8	E-1	SD	105.41	12.70	50.80	62.71	82.55	46.04	26.19	2.8	PHP 4-B38-SD
		91.4	3.6	101.6	4.0	E-1	SD	110.49	12.70	50.80	52.39	82.55	46.04	16.67	3.0	PHP 4-B40-SD
		96.5	3.8	106.7	4.2	E-1	SD	115.57	12.70	50.80	52.39	82.55	46.04	16.67	3.1	PHP 4-B42-SD
		101.6	4.0	111.8	4.4	E-1	SD	120.65	12.70	50.80	52.39	82.55	46.04	16.67	3.3	PHP 4-B44-SD
		106.7	4.2	116.8	4.6	A-1	SD	125.73	12.70	50.80	16.67	82.55	46.04	19.84	3.5	PHP 4-B46-SD
		111.8	4.4	121.9	4.8	A-1	SD	130.81	12.70	50.80	16.67	82.55	46.04	19.84	3.6	PHP 4-B48-SD
		116.8	4.6	127.0	5.0	A-1	SD	135.89	12.70	50.80	16.67	82.55	46.04	19.84	3.8	PHP 4-B50-SD
		121.9	4.8	132.1	5.2	A-1	SD	140.97	12.70	50.80	16.67	82.55	46.04	19.84	3.9	PHP 4-B52-SD
		127.0	5.0	137.2	5.4	A-1	SD	146.05	12.70	50.80	16.67	82.55	46.04	19.84	4.2	PHP 4-B54-SD
		132.1	5.2	142.2	5.6	A-1	SD	151.13	12.70	50.80	16.67	82.55	46.04	19.84	4.4	PHP 4-B56-SD
		137.2	5.4	147.3	5.8	A-1	SD	156.21	12.70	50.80	16.67	82.55	46.04	19.84	4.5	PHP 4-B58-SD
		142.2	5.6	152.4	6.0	A-1	SD	161.29	12.70	50.80	16.67	82.55	46.04	19.84	4.7	PHP 4-B60-SD
		147.3	5.8	157.5	6.2	A-1	SD	166.37	12.70	50.80	16.67	82.55	46.04	19.84	4.9	PHP 4-B62-SD
		152.4	6.0	162.6	6.4	A-1	SD	171.45	12.70	50.80	16.67	82.55	46.04	19.84	5.4	PHP 4-B64-SD
		157.5	6.2	167.6	6.6	A-1	SD	176.53	12.70	50.80	16.67	82.55	46.04	19.84	5.6	PHP 4-B66-SD
		162.6	6.4	172.7	6.8	A-3	SD	181.61	12.70	50.80	16.67	82.55	46.04	19.84	5.9	PHP 4-B68-SD
		167.6	6.6	177.8	7.0	A-1	SK	186.69	12.70	66.68	5.56	82.55	49.21	26.99	6.1	PHP 4-B70-SK
		177.8	7.0	188.0	7.4	A-3	SK	196.85	12.70	66.68	5.56	82.55	49.21	26.99	6.4	PHP 4-B74-SK
		193.0	7.6	203.2	8.0	A-3	SK	212.09	12.70	66.68	5.56	82.55	49.21	26.99	7.0	PHP 4-B80-SK
		208.3	8.2	218.4	8.6	A-3	SK	227.33	12.70	66.68	5.56	82.55	49.21	26.99	7.7	PHP 4-B86-SK
		228.6	9.0	238.8	9.4	A-3	SK	247.65	12.70	66.68	5.56	82.55	49.21	26.99	8.6	PHP 4-B94-SK
		269.2	10.6	279.4	11.0	A-3	SK	288.29	12.70	66.68	5.56	82.55	49.21	26.99	10.0	PHP 4-B110-SK
		304.8	12.0	315.0	12.4	A-3	SK	323.85	12.70	66.68	5.56	82.55	49.21	26.99	13.2	PHP 4-B124-SK
		335.3	13.2	345.4	13.6	A-3	SK	354.33	12.70	66.68	5.56	82.55	49.21	26.99	15.4	PHP 4-B136-SK
		381.0	15.0	391.2	15.4	A-3	SF	400.05	12.70	74.61	3.97	82.55	52.39	26.19	17.7	PHP 4-B154-SF
		396.2	15.6	406.4	16.0	A-3	SF	415.29	12.70	74.61	3.97	82.55	52.39	26.19	19.1	PHP 4-B160-SF
		457.2	18.0	467.4	18.4	A-3	SF	476.25	12.70	74.61	3.97	82.55	52.39	26.19	21.3	PHP 4-B184-SF
		497.8	19.6	508.0	20.0	A-3	SF	516.89	12.70	74.61	3.97	82.55	52.39	26.19	23.1	PHP 4-B20

Classical V-belt pulleys
A/B QD bushed



Section	Number of grooves	Pitch diameter Belt A PCD		Belt B PCD		Pulley type ¹⁾	Bushing number	Dimensions			E	F	L	M	Mass ²⁾	Designation
		mm	in.	mm	in.			Outer diameter OD	Bore Min.	Max.						
–	–	mm	in.	mm	in.	–	–	mm							kg	–
A/B	4	751.8	29.6	762.0	30.0	D-3	E	770.89	22.23	88.90	3.97	82.55	69.85	16.67	39.0	PHP 4-B300-E
		955.0	37.6	965.2	38.0	D-3	E	974.09	22.23	88.90	3.97	82.55	69.85	16.67	49.4	PHP 4-B380-E
A/B	5	76.2	3.0	86.4	3.4	E-1	SD	95.25	12.70	50.80	81.76	101.60	46.04	26.19	2.8	PHP 5-B36-SD
		81.3	3.2	91.4	3.6	E-1	SD	100.33	12.70	50.80	81.76	101.60	46.04	26.19	3.0	PHP 5-B38-SD
		86.4	3.4	96.5	3.8	E-1	SD	105.41	12.70	50.80	81.76	101.60	46.04	26.19	3.2	PHP 5-B40-SD
		91.4	3.6	101.6	4.0	E-1	SD	110.49	12.70	50.80	81.76	101.60	46.04	26.19	3.4	PHP 5-B42-SD
		96.5	3.8	106.7	4.2	E-1	SD	115.57	12.70	50.80	81.76	101.60	46.04	26.19	3.6	PHP 5-B44-SD
		101.6	4.0	111.8	4.4	E-1	SD	120.65	12.70	50.80	81.76	101.60	46.04	26.19	3.9	PHP 5-B46-SD
		106.7	4.2	116.8	4.6	A-1	SD	125.73	12.70	50.80	81.76	101.60	46.04	26.19	4.1	PHP 5-B48-SD
		111.8	4.4	121.9	4.8	A-1	SD	130.81	12.70	50.80	81.76	101.60	46.04	26.19	4.3	PHP 5-B50-SD
		116.8	4.6	127.0	5.0	A-1	SD	135.89	12.70	50.80	81.76	101.60	46.04	26.19	4.5	PHP 5-B52-SD
		121.9	4.8	132.1	5.2	A-1	SD	140.97	12.70	50.80	81.76	101.60	46.04	26.19	4.7	PHP 5-B54-SD
		127.0	5.0	137.2	5.4	A-1	SK	146.05	12.70	66.68	13.49	101.60	49.21	38.89	4.9	PHP 5-B56-SD
		132.1	5.2	142.2	5.6	A-1	SK	151.13	12.70	66.68	13.49	101.60	49.21	38.89	5.1	PHP 5-B58-SD
		137.2	5.4	147.3	5.8	A-1	SK	156.21	12.70	66.68	13.49	101.60	49.21	38.89	5.4	PHP 5-B60-SD
		142.2	5.6	152.4	6.0	A-1	SK	161.29	12.70	66.68	13.49	101.60	49.21	38.89	6.4	PHP 5-B62-SD
		147.3	5.8	157.5	6.2	A-1	SK	166.37	12.70	66.68	13.49	101.60	49.21	38.89	6.8	PHP 5-B64-SD
		152.4	6.0	162.6	6.4	A-1	SK	171.45	12.70	66.68	13.49	101.60	49.21	38.89	7.3	PHP 5-B66-SD
		157.5	6.2	167.6	6.6	A-1	SK	176.53	12.70	66.68	13.49	101.60	49.21	38.89	7.7	PHP 5-B68-SD
		162.6	6.4	172.7	6.8	A-1	SK	181.61	12.70	66.68	13.49	101.60	49.21	38.89	8.2	PHP 5-B70-SF
		167.6	6.6	177.8	7.0	A-1	SF	186.69	12.70	74.61	11.91	101.60	52.39	37.31	8.6	PHP 5-B72-SF
		172.7	6.8	182.9	7.2	A-2	SF	191.77	12.70	74.61	11.91	101.60	52.39	37.31	9.1	PHP 5-B74-SF
		193.0	7.6	203.2	8.0	A-2	SF	212.09	12.70	74.61	11.91	101.60	52.39	37.31	9.5	PHP 5-B80-SF
		208.3	8.2	218.4	8.6	A-2	SF	227.33	12.70	74.61	11.91	101.60	52.39	37.31	10.0	PHP 5-B86-SF
		228.6	9.0	238.8	9.4	A-3	SF	247.65	12.70	74.61	11.91	101.60	52.39	37.31	10.9	PHP 5-B94-SF
		269.2	10.6	279.4	11.0	A-3	SF	288.29	12.70	74.61	11.91	101.60	52.39	37.31	13.2	PHP 5-B110-SF
		304.8	12.0	315.0	12.4	A-3	SF	323.85	12.70	74.61	11.91	101.60	52.39	37.31	15.4	PHP 5-B124-SF
		335.3	13.2	345.4	13.6	A-3	SF	354.33	12.70	74.61	11.91	101.60	52.39	37.31	17.2	PHP 5-B136-SF
		381.0	15.0	391.2	15.4	A-3	SF	400.05	12.70	74.61	11.91	101.60	52.39	37.31	20.9	PHP 5-B154-SF
		396.2	15.6	406.4	16.0	A-3	SF	415.29	12.70	74.61	11.91	101.60	52.39	37.31	22.2	PHP 5-B160-SF
		457.2	18.0	467.4	18.4	A-3	SF	476.25	12.70	74.61	11.91	101.60	52.39	37.31	25.0	PHP 5-B184-SF
		497.8	19.6	508.0	20.0	A-3	E	516.89	22.23	12.70	1.59	101.60	69.85	29.37	29.5	PHP 5-B200-E
		624.8	24.6	635.0	25.0	A-3	E	643.89	22.23	12.70	1.59	101.60	69.85	29.37	39.0	PHP 5-B250-E
		751.8	29.6	762.0	30.0	A-3	E	770.89	22.23	12.70	1.59	101.60	69.85	29.37	46.3	PHP 5-B300-E
		955.0	37.6	965.2	38.0	A-3	E	974.09	22.23	12.70	1.59	101.60	69.85	29.37	59.9	PHP 5-B380-E
A/B	6	76.2	3.0	86.4	3.4	E-1	SD	95.25	12.70	50.80	100.81	120.65	46.04	26.19	3.0	PHP 6-B34-SD
		81.3	3.2	91.4	3.6	E-1	SD	100.33	12.70	50.80	100.81	120.65	46.04	26.19	3.4	PHP 6-B36-SD
		86.4	3.4	96.5	3.8	E-1	SD	105.41	12.70	50.80	100.81	120.65	46.04	26.19	3.6	PHP 6-B38-SD
		91.4	3.6	101.6	4.0	E-1	SD	110.49	12.70	50.80	91.28	120.65	46.04	16.67	3.8	PHP 6-B40-SD
		96.5	3.8	106.7	4.2	E-1	SD	115.57	12.70	50.80	91.28	120.65	46.04	16.67	4.1	PHP 6-B42-SD
		101.6	4.0	111.8	4.4	E-1	SD	120.65	12.70	50.80	91.28	120.65	46.04	16.67	4.4	PHP 6-B44-SD
		106.7	4.2	116.8	4.6	A-1	SD	125.73	12.70	50.80	16.67	120.65	46.04	57.94	4.6	PHP 6-B46-SD
		111.8	4.4	121.9	4.8	A-1	SD	130.81	12.70	50.80	16.67	120.65	46.04	57.94	4.8	PHP 6-B48-SD
		116.8	4.6	127.0	5.0	A-1	SD	135.89	12.70	50.80	16.67	120.65	46.04	57.94	5.0	PHP 6-B50-SD
		121.9	4.8	132.1	5.2	A-1	SD	140.97	12.70	50.80	16.67	120.65	46.04	57.94	5.4	PHP 6-B52-SD
		127.0	5.0	137.2	5.4	A-1	SK	146.05	12.70	66.68	13.49	120.65	49.21	57.94	5.9	PHP 6-B54-SK
		132.1	5.2	142.2	5.6	A-1	SK	151.13	12.70	66.68	13.49	120.65	49.21	57.94	6.4	PHP 6-B56-SK
		137.2	5.4	147.3	5.8	A-1	SK	156.21	12.70	66.68	13.49	120.65	49.21	57.94	6.6	PHP 6-B58-SK
		142.2	5.6	152.4	6.0	A-1	SK	161.29	12.70	66.68	13.49	120.65	49.21	57.94	6.8	PHP 6-B60-SK
		147.3	5.8	157.5	6.2	A-1	SK	166.37	12.70	66.68	13.49	120.65	49.21	57.94	7.3	PHP 6-B62-SK
		152.4	6.0	162.6	6.4	A-1	SK	171.45	12.70	66.68	13.49	120.65	49.21	57.94	7.7	PHP 6-B64-SK
		157.5	6.2	167.6	6.6	A-1	SK	176.53	12.70	66.68	13.49	120.65	49.21	57.94	8.2	PHP 6-B66-SK
		162.6	6.4	172.7	6.8	A-1	SK	181.61	12.70	66.68	13.49	120.65	49.21	57.94	8.6	PHP 6-B68-SK

¹⁾ Please, note that 1 in pulley type stands for solid version, 2 for web version and 3 for arm/spoke version.

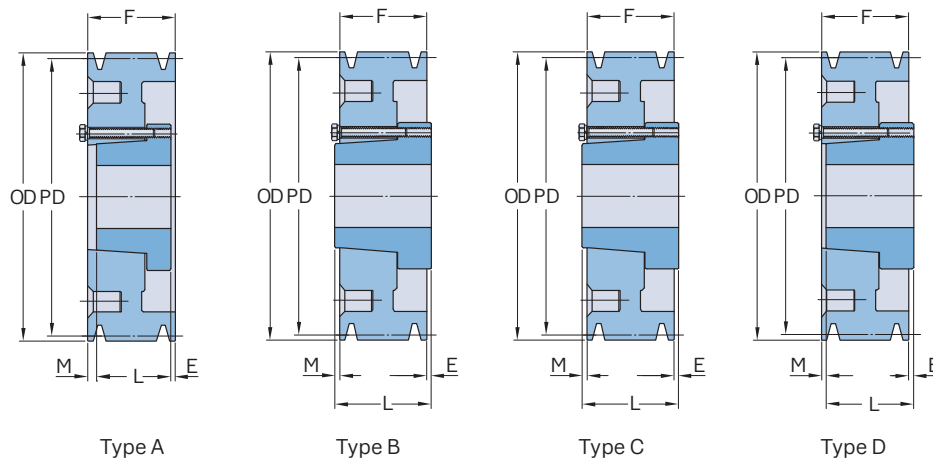
²⁾ Mass does not include bushings.

Classical V-belt pulleys A/B QD bushed

Section	Number of grooves	Pitch diameter				Pulley type ¹⁾	Bushing number	Dimensions		Max.	E	F	L	M	Mass ²⁾	Designation
		Belt A PCD		Belt B PCD				Outer diameter OD	Bore Min.							
–	–	mm	in.	mm	in.	–	–	mm							kg	–
A/B	6	167.6	6.6	177.8	7.0	A-1	SF	186.69	12.70	74.61	21.43	120.65	52.39	46.83	9.1	PHP 6-B70-SF
		177.8	7.0	188.0	7.4	A-1	SF	196.85	12.70	74.61	21.43	120.65	52.39	46.83	10.0	PHP 6-B74-SF
		193.0	7.6	203.2	8.0	A-2	SF	212.09	12.70	74.61	21.43	120.65	52.39	46.83	10.9	PHP 6-B80-SF
		208.3	8.2	218.4	8.6	A-2	SF	227.33	12.70	74.61	21.43	120.65	52.39	46.83	11.8	PHP 6-B86-SF
		228.6	9.0	238.8	9.4	A-3	SF	247.65	12.70	74.61	21.43	120.65	52.39	46.83	12.3	PHP 6-B94-SF
		269.2	10.6	279.4	11.0	A-3	SF	288.29	12.70	74.61	21.43	120.65	52.39	46.83	14.5	PHP 6-B110-SF
		304.8	12.0	315.0	12.4	A-3	SF	323.85	12.70	74.61	21.43	120.65	52.39	46.83	17.7	PHP 6-B124-SF
		335.3	13.2	345.4	13.6	A-3	SF	354.33	12.70	74.61	21.43	120.65	52.39	46.83	20.0	PHP 6-B136-SF
		381.0	15.0	391.2	15.4	A-3	SF	400.05	12.70	74.61	21.43	120.65	52.39	46.83	22.7	PHP 6-B154-SF
		396.2	15.6	406.4	16.0	A-3	SF	415.29	12.70	74.61	21.43	120.65	52.39	46.83	24.5	PHP 6-B160-SF
		457.2	18.0	467.4	18.4	A-3	SF	476.25	12.70	74.61	21.43	120.65	52.39	46.83	28.1	PHP 6-B184-SF
		497.8	19.6	508.0	20.0	A-3	E	516.89	22.23	88.90	5.56	120.65	69.85	45.24	33.6	PHP 6-B200-E
		624.8	24.6	635.0	25.0	A-3	E	643.89	22.23	88.90	5.56	120.65	69.85	45.24	43.5	PHP 6-B250-E
		751.8	29.6	762.0	30.0	A-3	E	770.89	22.23	88.90	5.56	120.65	69.85	45.24	54.0	PHP 6-B300-E
		955.0	37.6	965.2	38.0	A-3	E	974.09	22.23	88.90	5.56	120.65	69.85	45.24	60.8	PHP 6-B380-E
A/B	8	127.0	5.0	137.2	5.4	A-1	SK	146.05	12.70	66.68	26.19	158.75	49.21	83.34	6.8	PHP 8-B54-SK
		132.1	5.2	142.2	5.6	A-1	SK	151.13	12.70	66.68	26.19	158.75	49.21	83.34	7.3	PHP 8-B56-SK
		142.2	5.6	152.4	6.0	A-1	SF	161.29	12.70	74.61	24.61	158.75	52.39	81.76	9.1	PHP 8-B60-SF
		152.4	6.0	162.6	6.4	A-1	SF	171.45	12.70	74.61	24.61	158.75	52.39	81.76	10.4	PHP 8-B64-SF
		162.6	6.4	172.7	6.8	A-1	SF	181.61	12.70	74.61	24.61	158.75	52.39	81.76	11.3	PHP 8-B68-SF
		177.8	7.0	188.0	7.4	A-1	SF	196.85	12.70	74.61	24.61	158.75	52.39	81.76	12.7	PHP 8-B74-SF
		208.3	8.2	218.4	8.6	A-1	E	227.33	22.23	88.90	30.96	158.75	69.85	57.94	18.1	PHP 8-B86-E
		228.6	9.0	238.8	9.4	A-2	E	247.65	22.23	88.90	30.96	158.75	69.85	57.94	19.5	PHP 8-B94-E
		269.2	10.6	279.4	11.0	A-3	E	288.29	22.23	88.90	30.96	158.75	69.85	57.94	22.2	PHP 8-B110-E
		304.8	12.0	315.0	12.4	A-3	E	323.85	22.23	88.90	30.96	158.75	69.85	57.94	25.4	PHP 8-B124-E
		381.0	15.0	391.2	15.4	A-3	E	400.05	22.23	88.90	30.96	158.75	69.85	57.94	31.3	PHP 8-B154-E
		457.2	18.0	467.4	18.4	D-3	F	476.25	25.40	101.60	0.79	158.75	95.25	64.29	41.3	PHP 8-B184-F
		497.8	19.6	508.0	20.0	D-3	F	516.89	25.40	101.60	0.79	158.75	95.25	64.29	44.5	PHP 8-B200-F
		624.8	24.6	635.0	25.0	D-3	F	643.89	25.40	101.60	0.79	158.75	95.25	64.29	54.9	PHP 8-B250-F
		751.8	29.6	762.0	30.0	D-3	F	770.89	25.40	101.60	0.79	158.75	95.25	64.29	67.1	PHP 8-B300-F
		955.0	37.6	965.2	38.0	D-3	F	974.09	25.40	101.60	0.79	158.75	95.25	64.29	88.0	PHP 8-B380-F
A/B	10	127.0	5.0	137.2	5.4	A-1	SK	146.05	12.70	66.68	45.24	196.85	49.21	102.39	8.2	PHP 10-B54-SK
		132.1	5.2	142.2	5.6	A-1	SK	151.13	12.70	66.68	45.24	196.85	49.21	102.39	9.1	PHP 10-B56-SK
		142.2	5.6	152.4	6.0	A-1	SF	161.29	12.70	74.61	42.86	196.85	52.39	100.81	10.9	PHP 10-B60-SF
		152.4	6.0	162.6	6.4	A-1	SF	171.45	12.70	74.61	42.86	196.85	52.39	100.81	11.8	PHP 10-B64-SF
		162.6	6.4	172.7	6.8	A-1	SF	181.61	12.70	74.61	42.86	196.85	52.39	100.81	12.7	PHP 10-B68-SF
		177.8	7.0	188.0	7.4	A-1	SF	196.85	12.70	74.61	42.86	196.85	52.39	100.81	14.5	PHP 10-B74-SF
		208.3	8.2	218.4	8.6	A-1	E	227.33	22.23	88.90	50.01	196.85	69.85	76.99	19.1	PHP 10-B86-E
		228.6	9.0	238.8	9.4	A-2	E	247.65	22.23	88.90	50.01	196.85	69.85	76.99	21.8	PHP 10-B94-E
		269.2	10.6	279.4	11.0	A-3	E	288.29	22.23	88.90	50.01	196.85	69.85	76.99	25.4	PHP 10-B110-E
		304.8	12.0	315.0	12.4	A-3	E	323.85	22.23	88.90	50.01	196.85	69.85	76.99	29.0	PHP 10-B124-E
		381.0	15.0	391.2	15.4	A-3	F	400.05	25.40	101.60	15.88	196.85	95.25	83.34	39.9	PHP 10-B154-F
		457.2	18.0	467.4	18.4	A-3	F	476.25	25.40	101.60	15.88	196.85	95.25	83.34	46.7	PHP 10-B184-F
		497.8	19.6	508.0	20.0	A-3	F	516.89	25.40	101.60	15.88	196.85	95.25	83.34	50.8	PHP 10-B200-F
		624.8	24.6	635.0	25.0	A-3	F	643.89	25.40	101.60	15.88	196.85	95.25	83.34	64.4	PHP 10-B250-F
		751.8	29.6	762.0	30.0	A-3	F	770.89	25.40	101.60	15.88	196.85	95.25	83.34	78.9	PHP 10-B300-F
		955.0	37.6	965.2	38.0	A-3	J	974.09	38.10	114.30	3.18	196.85	117.48	76.20	104.3	PHP 10-B380-J

¹⁾ Please, note that 1 in pulley type stands for solid version, 2 for web version and 3 for arm/spoke version.
²⁾ Mass does not include bushings.

Classical V-belt pulleys
C QD bushed



Section	Number of grooves	Pitch diameter PCD		Pulley type ¹⁾	Bushing number	Dimensions			F	E	L	M	Mass ²⁾	Designation
		mm	in.			mm	Outer diameter OD	Bore Min. Max.					kg	
C	1	177.8	7.0	D-1	SF	187.96	12.70	74.61	21.43	31.75	52.39	1	4.5	PHP 1-C70-SF
		190.5	7.5	D-2	SF	200.66	12.70	74.61	21.43	31.75	52.39	1	5.4	PHP 1-C75-SF
		203.2	8.0	D-2	SF	213.36	12.70	74.61	21.43	31.75	52.39	1	5.9	PHP 1-C80-SF
		215.9	8.5	D-2	SF	226.06	12.70	74.61	21.43	31.75	52.39	1	6.4	PHP 1-C85-SF
		228.6	9.0	D-3	SF	238.76	12.70	74.61	21.43	31.75	52.39	1	6.8	PHP 1-C90-SF
		241.3	9.5	D-3	SF	251.46	12.70	74.61	21.43	31.75	52.39	1	7.3	PHP 1-C95-SF
		254.0	10.0	D-3	SF	264.16	12.70	74.61	21.43	31.75	52.39	1	7.7	PHP 1-C100-SF
		266.7	10.5	D-3	SF	276.86	12.70	74.61	21.43	31.75	52.39	1	8.2	PHP 1-C105-SF
		279.4	11.0	D-3	SF	289.56	12.70	74.61	21.43	31.75	52.39	1	8.6	PHP 1-C110-SF
		304.8	12.0	D-3	SF	314.96	12.70	74.61	21.43	31.75	52.39	1	9.1	PHP 1-C120-SF
		330.2	13.0	D-3	SF	340.36	12.70	74.61	21.43	31.75	52.39	1	10.0	PHP 1-C130-SF
		355.6	14.0	D-3	SF	365.76	12.70	74.61	21.43	31.75	52.39	1	10.9	PHP 1-C140-SF
		406.4	16.0	D-3	SF	416.56	12.70	74.61	21.43	31.75	52.39	1	11.8	PHP 1-C160-SF
		457.2	18.0	D-3	SF	467.36	12.70	74.61	21.43	31.75	52.39	1	13.6	PHP 1-C180-SF
		508.0	20.0	D-3	SF	518.16	12.70	74.61	21.43	31.75	52.39	1	15.9	PHP 1-C200-SF
		609.6	24.0	D-3	SF	619.76	12.70	74.61	21.43	31.75	52.39	1	18.6	PHP 1-C240-SF
C	2	177.8	7.0	D-1	SF	187.96	12.70	74.61	2.38	57.15	52.39	7	6.8	PHP 2-C70-SF
		190.5	7.5	D-1	SF	200.66	12.70	74.61	2.38	57.15	52.39	7	7.7	PHP 2-C75-SF
		203.2	8.0	D-1	SF	213.36	12.70	74.61	2.38	57.15	52.39	7	8.2	PHP 2-C80-SF
		215.9	8.5	D-2	SF	226.06	12.70	74.61	2.38	57.15	52.39	7	8.6	PHP 2-C85-SF
		228.6	9.0	D-2	SF	238.76	12.70	74.61	2.38	57.15	52.39	7	9.1	PHP 2-C90-SF
		241.3	9.5	D-2	SF	251.46	12.70	74.61	2.38	57.15	52.39	7	9.5	PHP 2-C95-SF
		254.0	10.0	D-3	SF	264.16	12.70	74.61	2.38	57.15	52.39	7	10.0	PHP 2-C100-SF
		266.7	10.5	D-3	SF	276.86	12.70	74.61	2.38	57.15	52.39	7	10.4	PHP 2-C105-SF
		279.4	11.0	D-3	SF	289.56	12.70	74.61	2.38	57.15	52.39	7	10.9	PHP 2-C110-SF
		304.8	12.0	D-3	SF	314.96	12.70	74.61	8.73	57.15	52.39	13	11.3	PHP 2-C120-SF
		330.2	13.0	D-3	SF	340.36	12.70	74.61	8.73	57.15	52.39	13	12.7	PHP 2-C130-SF
		355.6	14.0	D-3	SF	365.76	12.70	74.61	8.73	57.15	52.39	13	14.1	PHP 2-C140-SF
		406.4	16.0	D-3	SF	416.56	12.70	74.61	8.73	57.15	52.39	13	16.3	PHP 2-C160-SF
		457.2	18.0	D-3	SF	467.36	12.70	74.61	8.73	57.15	52.39	13	17.7	PHP 2-C180-SF
		508.0	20.0	D-3	SF	518.16	12.70	74.61	8.73	57.15	52.39	13	21.8	PHP 2-C200-SF
		609.6	24.0	D-3	SF	619.76	12.70	74.61	8.73	57.15	52.39	13	27.2	PHP 2-C240-SF
		762.0	30.0	C-3	F	772.16	25.40	101.60	30.96	57.15	95.25	7	38.6	PHP 2-C300-F
C	3	127.0	5.0	A-1	SD	137.16	12.70	50.80	15.08	82.55	46.04	21	4.5	PHP 3-C50-SD
		139.7	5.5	A-1	SD	149.86	12.70	50.80	15.08	82.55	46.04	21	5.4	PHP 3-C55-SD
		152.4	6.0	D-1	SF	162.56	12.70	74.61	18.26	82.55	52.39	48	6.8	PHP 3-C60-SF
		177.8	7.0	A-1	SF	187.96	12.70	74.61	10.32	82.55	52.39	20	8.2	PHP 3-C70-SF
		190.5	7.5	A-1	SF	200.66	12.70	74.61	10.32	82.55	52.39	20	9.1	PHP 3-C75-SF
		203.2	8.0	B-1	E	213.36	22.23	88.90	13.49	82.55	69.85	1	11.8	PHP 3-C80-E
		215.9	8.5	B-1	E	226.06	22.23	88.90	13.49	82.55	69.85	1	13.2	PHP 3-C85-E
		228.6	9.0	A-1	E	238.76	22.23	88.90	11.91	82.55	69.85	1	14.5	PHP 3-C90-E
		241.3	9.5	A-2	E	251.46	22.23	88.90	11.91	82.55	69.85	1	15.4	PHP 3-C95-E
		254.0	10.0	A-2	E	264.16	22.23	88.90	11.91	82.55	69.85	1	16.3	PHP 3-C100-E
		266.7	10.5	A-3	E	276.86	22.23	88.90	11.91	82.55	69.85	1	17.2	PHP 3-C105-E
		279.4	11.0	A-3	E	289.56	22.23	88.90	11.91	82.55	69.85	1	18.1	PHP 3-C110-E
		304.8	12.0	A-3	E	314.96	22.23	88.90	11.91	82.55	69.85	1	19.5	PHP 3-C120-E
		330.2	13.0	A-3	E	340.36	22.23	88.90	11.91	82.55	69.85	1	20.4	PHP 3-C130-E
		355.6	14.0	A-3	E	365.76	22.23	88.90	11.91	82.55	69.85	1	23.1	PHP 3-C140-E
		406.4	16.0	A-3	E	416.56	22.23	88.90	11.91	82.55	69.85	1	26.8	PHP 3-C160-E
		457.2	18.0	A-3	E	467.36	22.23	88.90	11.91	82.55	69.85	1	29.5	PHP 3-C180-E
		508.0	20.0	D-3	E	518.16	22.23	88.90	5.56	82.55	69.85	18	31.8	PHP 3-C200-E
		609.6	24.0	D-3	E	619.76	22.23	88.90	5.56	82.55	69.85	18	36.3	PHP 3-C240-E
		685.8	27.0	D-3	F	695.96	25.40	101.60	16.67	82.55	95.25	4	47.6	PHP 3-C270-F

¹⁾ Please, note that 1 in pulley type stands for solid version, 2 for web version and 3 for arm/spoke version.

²⁾ Mass does not include bushings.

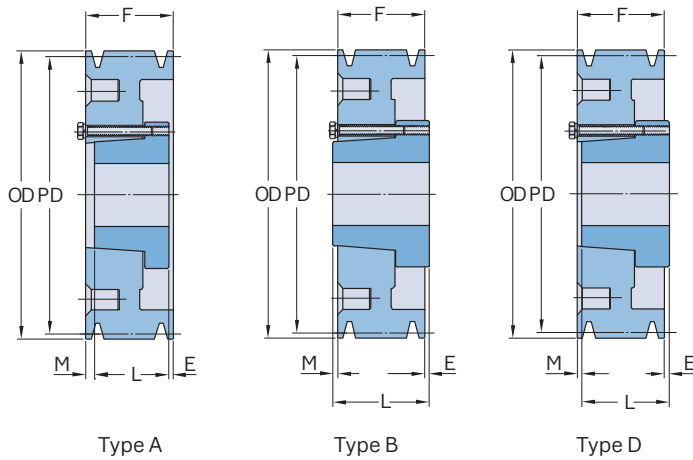
Classical V-belt pulleys
C QD bushed

Section	Number of grooves	Pitch diameter		Pulley type	Bushing number	Dimensions				F	E	L	M	Mass ²⁾	Designation
		PCD				Outer diameter OD	B Min.	Max.							
–	–	mm	in.	–	–	mm								kg	–
C	3	762.0	30.0	D-3	F	772.16	25.40	101.60	16.67	82.55	95.25	4	54.4	54.4	PHP 3-C300-F
		914.4	36.0	D-3	F	924.56	25.40	101.60	16.67	82.55	95.25	4	63.5	63.5	PHP 3-C360-F
		1117.6	44.0	D-3	F	1127.76	25.40	101.60	16.67	82.55	95.25	4	77.1	77.1	PHP 3-C440-F
		1270.0	50.0	D-3	F	1280.16	25.40	101.60	16.67	82.55	95.25	4	86.2	86.2	PHP 3-C500-F
C	4	127.0	5.0	A-1	SD	137.16	12.70	50.80	21.43	107.95	46.04	40	5.4	5.4	PHP 4-C50-SD
		139.7	5.5	A-1	SD	149.86	12.70	50.80	21.43	107.95	46.04	40	6.4	6.4	PHP 4-C55-SD
		152.4	6.0	A-1	SF	162.56	12.70	74.61	16.67	107.95	52.39	39	7.7	7.7	PHP 4-C60-SF
		177.8	7.0	A-1	SF	187.96	12.70	74.61	16.67	107.95	52.39	39	9.5	9.5	PHP 4-C70-SF
		190.5	7.5	A-1	SF	200.66	12.70	74.61	16.67	107.95	52.39	39	11.3	11.3	PHP 4-C75-SF
		203.2	8.0	A-1	E	213.36	22.23	88.90	19.84	107.95	69.85	18	13.6	13.6	PHP 4-C80-E
		215.9	8.5	A-1	E	226.06	22.23	88.90	19.84	107.95	69.85	18	15.0	15.0	PHP 4-C85-E
		228.6	9.0	A-1	E	238.76	22.23	88.90	19.84	107.95	69.85	18	15.9	15.9	PHP 4-C90-E
		241.3	9.5	A-2	E	251.46	22.23	88.90	19.84	107.95	69.85	18	17.2	17.2	PHP 4-C95-E
		254.0	10.0	A-2	E	264.16	22.23	88.90	19.84	107.95	69.85	18	18.1	18.1	PHP 4-C100-E
		266.7	10.5	A-2	E	276.86	22.23	88.90	19.84	107.95	69.85	18	19.5	19.5	PHP 4-C105-E
		279.4	11.0	A-2	E	289.56	22.23	88.90	19.84	107.95	69.85	18	20.9	20.9	PHP 4-C110-E
		304.8	12.0	A-3	E	314.96	22.23	88.90	19.84	107.95	69.85	18	22.7	22.7	PHP 4-C120-E
		330.2	13.0	A-3	E	340.36	22.23	88.90	19.84	107.95	69.85	18	24.5	24.5	PHP 4-C130-E
		355.6	14.0	A-3	E	365.76	22.23	88.90	19.84	107.95	69.85	18	26.8	26.8	PHP 4-C140-E
		406.4	16.0	A-3	E	416.56	22.23	88.90	19.84	107.95	69.85	18	29.5	29.5	PHP 4-C160-E
		457.2	18.0	A-3	E	467.36	22.23	88.90	19.84	107.95	69.85	18	33.1	33.1	PHP 4-C180-E
		508.0	20.0	A-3	E	518.16	22.23	88.90	7.14	107.95	69.85	31	37.2	37.2	PHP 4-C200-E
		609.6	24.0	D-3	F	619.76	25.40	101.60	2.38	107.95	95.25	15	47.6	47.6	PHP 4-C240-F
		685.8	27.0	D-3	F	695.96	25.40	101.60	2.38	107.95	95.25	15	56.7	56.7	PHP 4-C270-F
		762.0	30.0	D-3	F	772.16	25.40	101.60	2.38	107.95	95.25	15	64.4	64.4	PHP 4-C300-F
		914.4	36.0	D-3	F	924.56	25.40	101.60	2.38	107.95	95.25	15	78.0	78.0	PHP 4-C360-F
		1117.6	44.0	C-3	J	1127.76	38.10	114.30	–	107.95	117.48	10	102.1	102.1	PHP 4-C440-J
		1270.0	50.0	C-3	J	1280.16	38.10	114.30	–	107.95	117.48	10	117.9	117.9	PHP 4-C500-J
C	5	152.4	6.0	A-1	SF	162.56	12.70	74.61	26.19	133.35	52.39	55	9.5	9.5	PHP 5-C60-SF
		177.8	7.0	A-1	SF	187.96	12.70	74.61	26.19	133.35	52.39	55	11.8	11.8	PHP 5-C70-SF
		190.5	7.5	A-1	SF	200.66	12.70	74.61	26.19	133.35	52.39	55	12.7	12.7	PHP 5-C75-SF
		203.2	8.0	A-1	E	213.36	22.23	88.90	29.37	133.35	69.85	34	15.0	15.0	PHP 5-C80-E
		215.9	8.5	A-1	E	226.06	22.23	88.90	29.37	133.35	69.85	34	16.8	16.8	PHP 5-C85-E
		228.6	9.0	A-1	E	238.76	22.23	88.90	29.37	133.35	69.85	34	18.1	18.1	PHP 5-C90-E
		241.3	9.5	A-2	E	251.46	22.23	88.90	29.37	133.35	69.85	34	19.1	19.1	PHP 5-C95-E
		254.0	10.0	A-2	E	264.16	22.23	88.90	29.37	133.35	69.85	34	20.4	20.4	PHP 5-C100-E
		266.7	10.5	A-2	E	276.86	22.23	88.90	29.37	133.35	69.85	34	21.3	21.3	PHP 5-C105-E
		279.4	11.0	A-2	E	289.56	22.23	88.90	29.37	133.35	69.85	34	22.7	22.7	PHP 5-C110-E
		304.8	12.0	A-2	E	314.96	22.23	88.90	29.37	133.35	69.85	34	24.0	24.0	PHP 5-C120-E
		330.2	13.0	A-3	E	340.36	22.23	88.90	29.37	133.35	69.85	34	26.3	26.3	PHP 5-C130-E
		355.6	14.0	A-3	E	365.76	22.23	88.90	29.37	133.35	69.85	34	29.0	29.0	PHP 5-C140-E
		406.4	16.0	A-3	E	416.56	22.23	88.90	29.37	133.35	69.85	34	33.1	33.1	PHP 5-C160-E
		457.2	18.0	A-3	E	467.36	22.23	88.90	29.37	133.35	69.85	34	38.6	38.6	PHP 5-C180-E
		508.0	20.0	D-3	F	518.16	25.40	101.60	2.38	133.35	95.25	40	44.5	44.5	PHP 5-C200-F
		609.6	24.0	D-3	F	619.76	25.40	101.60	2.38	133.35	95.25	40	54.0	54.0	PHP 5-C240-F
		685.8	27.0	D-3	F	695.96	25.40	101.60	2.38	133.35	95.25	40	69.4	69.4	PHP 5-C270-F
		762.0	30.0	D-3	F	772.16	25.40	101.60	2.38	133.35	95.25	40	78.9	78.9	PHP 5-C300-F
		914.4	36.0	A-3	J	924.56	38.10	114.30	1.59	133.35	117.48	14	93.4	93.4	PHP 5-C360-J
		1117.6	44.0	A-3	J	1127.76	38.10	114.30	1.59	133.35	117.48	14	115.2	115.2	PHP 5-C440-J
		1270.0	50.0	A-3	J	1280.16	38.10	114.30	1.59	133.35	117.48	14	124.3	124.3	PHP 5-C500-J
C	6	152.4	6.0	A-1	SF	162.56	12.70	74.61	26.19	158.75	52.39	80	9.1	9.1	PHP 6-C60-SF
		177.8	7.0	A-1	SF	187.96	12.70	74.61	26.19	158.75	52.39	80	11.8	11.8	PHP 6-C70-SF
		190.5	7.5	A-1	SF	200.66	12.70	74.61	26.19	158.75	52.39	80	13.2	13.2	PHP 6-C75-SF
		203.2	8.0	A-1	E	213.36	22.23	88.90	29.37	158.75	69.85	60	16.3	16.3	PHP 6-C80-E
		215.9	8.5	A-1	E	226.06	22.23	88.90	29.37	158.75	69.85	60	17.7	17.7	PHP 6-C85-E
		228.6	9.0	A-1	F	238.76	25.40	101.60	26.19	158.75	95.25	37	23.1	23.1	PHP 6-C90-F
		241.3	9.5	A-1	F	251.46	25.40	101.60	26.19	158.75	95.25	37	25.0	25.0	PHP 6-C95-F
		254.0	10.0	A-1	F	264.16	25.40	101.60	26.19	158.75	95.25	37	26.8	26.8	PHP 6-C100-F
		266.7	10.5	A-2	F	276.86	25.40	101.60	26.19	158.75	95.25	37	28.1	28.1	PHP 6-C105-F
		279.4	11.0	A-2	F	289.56	25.40	101.60	26.19	158.75	95.25	37	29.9	29.9	PHP 6-C110-F
		304.8	12.0	A-2	F	314.96	25.40	101.60	26.19	158.75	95.25	37	31.8	31.8	PHP 6-C120-F
		330.2	13.0	A-3	F	340.36	25.40	101.60	26.19	158.75	95.25	37	33.6	33.6	PHP 6-C130-F
		355.6	14.0	A-3	F	365.76	25.40	101.60	26.19	158.75	95.25	37	36.3	36.3	PHP 6-C140-F
		406.4	16.0	A-3	F	416.56	25.40	101.60	26.19	158.75	95.25	37	40.4	40.4	PHP 6-C160-F
		457.2	18.0	A-3	F	467.36	25.40	101.60	26.19	158.75	95.25	37	46.3	46.3	PHP 6-C180-F
		508.0	20.0	A-3	F	518.16	25.40	101.60	13.49	158.75	95.25	50	50.8	50.8	PHP 6-C200-F
		609.6	24.0	A-3	F	619.76	25.40	101.60	13.49	158.75	95.25	50	59.4	59.4	PHP 6-C240-F
		685.8	27.0	A-3	J	695.96	38.10	114.30	1.59	158.75	117.48	40	72.6	72.6	PHP 6-C270-J
		762.0	30.0	A-3	J	772.16	38.10	114.30	1.59	158.75	117.48	40	86.2	86.2	PHP 6-C300-J
		914.4	36.0	A-3	J	924.56	38.10	114.30	1.59	158.75	117.48	40	105.2	105.2	PHP 6-C360-J
		1117.6	44.0	A-3	J	1127.76	38.10	114.30	1.59	158.75	117.48	40	135.6	135.6	PHP 6-C440-J
		1270.0	50.0	B-3	M	1280.16	50.80	139.70	5.56	158.75	171.45	18	145.2	145.2	PHP 6-C500-M

¹⁾ Please, note that 1 in pulley type stands for solid version, 2 for web version and 3 for arm/spoke version.

²⁾ Mass does not include bushings.

Classical V-belt pulleys
C QD bushed



Section	Number of grooves	Pitch diameter		Pulley type ¹⁾	Bushing number	Dimensions		Max.	F	E	L	M	Mass ²⁾	Designation		
		PCD				Outer diameter OD	Bore Min.									
–	–	mm	in.	–	–	mm							kg	–		
C	8	203.2	8.0	A-1	E	213.36	22.23	88.90	51.59	209.55	69.85	88	19.5	PHP 8-C80-E		
		215.9	8.5	A-1	E	226.06	22.23	88.90	76.99	209.55	69.85	88	21.8	PHP 8-C85-E		
		228.6	9.0	A-1	F	238.76	25.40	101.60	48.42	209.55	95.25	66	27.2	PHP 8-C90-F		
		241.3	9.5	A-1	F	251.46	25.40	101.60	48.42	209.55	95.25	66	29.5	PHP 8-C95-F		
		254.0	10.0	A-1	F	264.16	25.40	101.60	48.42	209.55	95.25	66	31.3	PHP 8-C100-F		
		266.7	10.5	A-2	F	276.86	25.40	101.60	48.42	209.55	95.25	66	33.1	PHP 8-C105-F		
		279.4	11.0	A-2	F	289.56	25.40	101.60	48.42	209.55	95.25	66	35.4	PHP 8-C110-F		
		304.8	12.0	A-3	F	314.96	25.40	101.60	48.42	209.55	95.25	66	37.7	PHP 8-C120-F		
		330.2	13.0	A-3	F	340.36	25.40	101.60	48.42	209.55	95.25	66	40.4	PHP 8-C130-F		
		355.6	14.0	A-3	F	365.76	25.40	101.60	48.42	209.55	95.25	66	44.0	PHP 8-C140-F		
		406.4	16.0	A-3	F	416.56	25.40	101.60	48.42	209.55	95.25	66	51.3	PHP 8-C160-F		
		457.2	18.0	A-3	F	467.36	25.40	101.60	48.42	209.55	95.25	66	59.4	PHP 8-C180-F		
		508.0	20.0	A-3	J	518.16	38.10	114.30	1.59	209.55	117.48	90	69.0	PHP 8-C200-J		
		609.6	24.0	A-3	J	619.76	38.10	114.30	1.59	209.55	117.48	90	83.9	PHP 8-C240-J		
		685.8	27.0	A-3	J	695.96	38.10	114.30	1.59	209.55	117.48	90	94.4	PHP 8-C270-J		
		762.0	30.0	A-3	J	772.16	38.10	114.30	1.59	209.55	117.48	90	104.3	PHP 8-C300-J		
		914.4	36.0	A-3	M	924.56	50.80	139.70	7.14	209.55	171.45	31	138.8	PHP 8-C360-M		
		1117.6	44.0	A-3	M	1127.76	50.80	139.70	7.14	209.55	171.45	31	181.4	PHP 8-C440-M		
		1270.0	50.0	A-3	M	1280.16	50.80	139.70	7.14	209.55	171.45	31	215.5	PHP 8-C500-M		
		D	3	304.8	12.0	A-2	F	321.06	25.40	101.60	3.97	117.48	95.25	18	31.8	PHP 3-D120-F
330.2	13.0			A-2	F	346.46	25.40	101.60	3.97	117.48	95.25	18	34.5	PHP 3-D130-F		
342.9	13.5			A-2	F	359.16	25.40	101.60	3.97	117.48	95.25	18	35.8	PHP 3-D135-F		
355.6	14.0			A-2	F	371.86	25.40	101.60	3.97	117.48	95.25	18	37.2	PHP 3-D140-F		
368.3	14.5			A-3	F	384.56	25.40	101.60	3.97	117.48	95.25	18	38.6	PHP 3-D145-F		
381.0	15.0			A-3	F	397.26	25.40	101.60	3.97	117.48	95.25	18	40.4	PHP 3-D150-F		
393.7	15.5			A-3	F	409.96	25.40	101.60	3.97	117.48	95.25	18	41.7	PHP 3-D155-F		
406.4	16.0			A-3	F	422.66	25.40	101.60	3.97	117.48	95.25	18	43.5	PHP 3-D160-F		
457.2	18.0			D-3	J	473.46	38.10	114.30	6.35	117.48	117.48	6	49.9	PHP 3-D180-J		
508.0	20.0			D-3	J	524.26	38.10	114.30	6.35	117.48	117.48	6	54.4	PHP 3-D200-J		
558.8	22.0			D-3	J	575.06	38.10	114.30	6.35	117.48	117.48	6	59.0	PHP 3-D220-J		
685.8	27.0			D-3	J	702.06	38.10	114.30	6.35	117.48	117.48	6	78.5	PHP 3-D270-J		
838.2	33.0			D-3	J	854.46	38.10	114.30	6.35	117.48	117.48	6	108.9	PHP 3-D330-J		
1016.0	40.0			D-3	J	1032.26	38.10	114.30	6.35	117.48	117.48	6	136.1	PHP 3-D440-J		
D	4			304.8	12.0	A-2	F	321.06	25.40	101.60	24.61	153.99	95.25	34	37.7	PHP 4-D120-F
				330.2	13.0	A-2	F	346.46	25.40	101.60	24.61	153.99	95.25	34	39.0	PHP 4-D130-F
		342.9	13.5	A-2	F	359.16	25.40	101.60	24.61	153.99	95.25	34	40.4	PHP 4-D135-F		
		355.6	14.0	A-2	F	371.86	25.40	101.60	24.61	153.99	95.25	34	41.7	PHP 4-D140-F		
		368.3	14.5	A-3	F	384.56	25.40	101.60	24.61	153.99	95.25	34	43.1	PHP 4-D145-F		
		381.0	15.0	A-3	F	397.26	25.40	101.60	24.61	153.99	95.25	34	44.9	PHP 4-D150-F		
		393.7	15.5	A-3	F	409.96	25.40	101.60	24.61	153.99	95.25	34	46.3	PHP 4-D155-F		
		406.4	16.0	A-3	F	422.66	25.40	101.60	24.61	153.99	95.25	34	48.1	PHP 4-D160-F		
		457.2	18.0	A-3	J	473.46	38.10	114.30	3.18	153.99	117.48	33	54.4	PHP 4-D180-J		
		508.0	20.0	A-3	J	524.26	38.10	114.30	3.18	153.99	117.48	33	59.9	PHP 4-D200-J		
		558.8	22.0	A-3	J	575.06	38.10	114.30	3.18	153.99	117.48	33	70.3	PHP 4-D220-J		
		685.8	27.0	A-3	J	702.06	38.10	114.30	3.18	153.99	117.48	33	87.5	PHP 4-D270-J		
		838.2	33.0	B-3	M	854.46	50.80	139.70	8.73	153.99	171.45	26	127.0	PHP 4-D330-M		
		1016.0	40.0	B-3	M	1032.26	50.80	139.70	8.73	153.99	171.45	26	157.9	PHP 4-D440-M		
		1219.2	48.0	B-3	M	1235.46	50.80	139.70	8.73	153.99	171.45	26	172.4	PHP 4-D480-M		
		1473.2	58.0	B-3	M	1489.46	50.80	139.70	8.73	153.99	171.45	26	190.5	PHP 4-D580-M		
D	5	304.8	12.0	A-2	F	321.06	25.40	101.60	43.66	190.50	95.25	52	42.2	PHP 5-D120-F		
		330.2	13.0	A-2	F	346.46	25.40	101.60	43.66	190.50	95.25	52	43.5	PHP 5-D130-F		
		342.9	13.5	A-2	F	359.16	25.40	101.60	43.66	190.50	95.25	52	46.3	PHP 5-D135-F		
		355.6	14.0	A-2	F	371.86	25.40	101.60	43.66	190.50	95.25	52	48.1	PHP 5-D140-F		

¹⁾ Please, note that 1 in pulley type stands for solid version, 2 for web version and 3 for arm/spoke version.

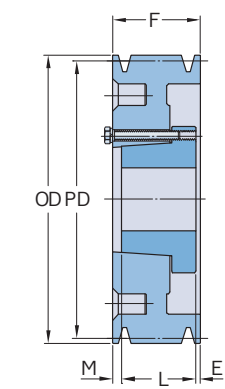
²⁾ Mass does not include bushings.

Classical V-belt pulleys D QD bushed

Section	Number of grooves	Pitch diameter		Pulley type ¹⁾	Bushing number	Dimensions		F	E	L	M	Mass ²⁾	Designation
		PCD				Outer diameter OD	B Min.						
mm	–	in.		–	–	mm		Max.				kg	–
D	5	368.3	14.5	A-3	F	384.56	25.40	101.60	43.66	190.50	95.25	50.8	PHP 5-D145-F
		381.0	15.0	A-3	F	397.26	25.40	101.60	43.66	190.50	95.25	54.4	PHP 5-D150-F
		393.7	15.5	A-3	F	409.96	25.40	101.60	43.66	190.50	95.25	56.7	PHP 5-D155-F
		406.4	16.0	A-3	F	422.66	25.40	101.60	43.66	190.50	95.25	59.0	PHP 5-D160-F
		457.2	18.0	A-3	J	473.46	38.10	114.30	47.63	190.50	117.48	68.0	PHP 5-D180-J
		508.0	20.0	A-3	J	524.26	38.10	114.30	3.18	190.50	117.48	72.6	PHP 5-D200-J
		558.8	22.0	A-3	J	575.06	38.10	114.30	3.18	190.50	117.48	86.2	PHP 5-D220-J
		685.8	27.0	A-3	M	702.06	50.80	139.70	8.73	190.50	171.45	117.9	PHP 5-D270-M
		838.2	33.0	A-3	M	854.46	50.80	139.70	8.73	190.50	171.45	145.2	PHP 5-D330-M
		1016.0	40.0	A-3	M	1032.26	50.80	139.70	8.73	190.50	171.45	176.9	PHP 5-D400-M
		1219.2	48.0	A-3	M	1235.46	50.80	139.70	8.73	190.50	171.45	204.1	PHP 5-D480-M
		1473.2	58.0	A-3	M	1489.46	50.80	139.70	8.73	190.50	171.45	226.8	PHP 5-D580-M
		304.8	12.0	A-1	J	321.06	38.10	114.30	47.63	227.01	117.48	52.2	PHP 6-D120-J
		330.2	13.0	A-2	J	346.46	38.10	114.30	47.63	227.01	117.48	56.7	PHP 6-D130-J
		342.9	13.5	A-2	J	359.16	38.10	114.30	47.63	227.01	117.48	61.2	PHP 6-D135-J
		355.6	14.0	A-2	J	371.86	38.10	114.30	47.63	227.01	117.48	65.8	PHP 6-D140-J
D	6	368.3	14.5	A-2	J	384.56	38.10	114.30	47.63	227.01	117.48	68.0	PHP 6-D145-J
		381.0	15.0	A-2	J	397.26	38.10	114.30	47.63	227.01	117.48	72.6	PHP 6-D150-J
		393.7	15.5	A-3	J	409.96	38.10	114.30	47.63	227.01	117.48	74.8	PHP 6-D155-J
		406.4	16.0	A-3	J	422.66	38.10	114.30	47.63	227.01	117.48	77.1	PHP 6-D160-J
		457.2	18.0	A-3	J	473.46	38.10	114.30	47.63	227.01	117.48	81.7	PHP 6-D180-J
		508.0	20.0	A-3	J	524.26	38.10	114.30	47.63	227.01	117.48	97.5	PHP 6-D200-J
		558.8	22.0	A-3	M	575.06	50.80	139.70	8.73	227.01	171.45	113.4	PHP 6-D220-M
		685.8	27.0	A-3	M	702.06	50.80	139.70	8.73	227.01	171.45	136.1	PHP 6-D270-M
		838.2	33.0	A-3	M	854.46	50.80	139.70	8.73	227.01	171.45	163.3	PHP 6-D330-M
		1016.0	40.0	A-3	M	1032.26	50.80	139.70	8.73	227.01	171.45	199.6	PHP 6-D400-M
		1219.2	48.0	A-3	M	1235.46	50.80	139.70	8.73	227.01	171.45	254.0	PHP 6-D480-M
		1473.2	58.0	A-3	N	1489.46	61.91	149.23	4.76	227.01	206.38	299.4	PHP 6-D580-N
		304.8	12.0	A-1	J	321.06	38.10	114.30	53.98	300.04	117.48	63.5	PHP 8-D120-J
		330.2	13.0	A-2	J	346.46	38.10	114.30	53.98	300.04	117.48	68.0	PHP 8-D130-J
		342.9	13.5	A-2	J	359.16	38.10	114.30	53.98	300.04	117.48	72.6	PHP 8-D135-J
		355.6	14.0	A-2	J	371.86	38.10	114.30	53.98	300.04	117.48	77.1	PHP 8-D140-J
D	8	368.3	14.5	A-2	J	384.56	38.10	114.30	53.98	300.04	117.48	80.7	PHP 8-D145-J
		381.0	15.0	A-2	J	397.26	38.10	114.30	53.98	300.04	117.48	82.6	PHP 8-D150-J
		393.7	15.5	A-2	J	409.96	38.10	114.30	53.98	300.04	117.48	86.2	PHP 8-D155-J
		406.4	16.0	A-2	J	422.66	38.10	114.30	53.98	300.04	117.48	91.2	PHP 8-D160-J
		457.2	18.0	A-3	M	473.46	50.80	139.70	59.53	300.04	171.45	117.9	PHP 8-D180-M
		508.0	20.0	A-3	M	524.26	50.80	139.70	59.53	300.04	171.45	122.5	PHP 8-D200-M
		558.8	22.0	A-3	M	575.06	50.80	139.70	8.73	300.04	171.45	120	PHP 8-D220-M
		685.8	27.0	A-3	M	702.06	50.80	139.70	8.73	300.04	171.45	120	PHP 8-D270-M
		838.2	33.0	A-3	M	854.46	50.80	139.70	8.73	300.04	171.45	120	PHP 8-D330-M
		1016.0	40.0	A-3	N	1032.26	61.91	149.23	4.76	300.04	206.38	89	PHP 8-D400-N
		1219.2	48.0	A-3	N	1235.46	61.91	149.23	4.76	300.04	206.38	89	PHP 8-D480-N
		1473.2	58.0	A-3	N	1489.46	61.91	149.23	4.76	300.04	206.38	89	PHP 8-D580-N
		304.8	12.0	A-1	M	321.06	50.80	139.70	59.53	373.06	171.45	148	PHP 10-D120-M
		330.2	13.0	A-1	M	346.46	50.80	139.70	59.53	373.06	171.45	148	PHP 10-D130-M
		342.9	13.5	A-1	M	359.16	50.80	139.70	59.53	373.06	171.45	148	PHP 10-D135-M
		355.6	14.0	A-1	M	371.86	50.80	139.70	59.53	373.06	171.45	148	PHP 10-D140-M
D	10	368.3	14.5	A-2	M	384.56	50.80	139.70	59.53	373.06	171.45	117.9	PHP 10-D145-M
		381.0	15.0	A-2	M	397.26	50.80	139.70	59.53	373.06	171.45	148	PHP 10-D150-M
		393.7	15.5	A-2	M	409.96	50.80	139.70	59.53	373.06	171.45	148	PHP 10-D155-M
		406.4	16.0	A-2	M	422.66	50.80	139.70	59.53	373.06	171.45	148	PHP 10-D160-M
		457.2	18.0	A-2	M	473.46	50.80	139.70	59.53	373.06	171.45	148	PHP 10-D180-M
		508.0	20.0	A-2	M	524.26	50.80	139.70	59.53	373.06	171.45	148	PHP 10-D200-M
		558.8	22.0	A-3	M	575.06	50.80	139.70	59.53	373.06	171.45	173	PHP 10-D220-M
		685.8	27.0	A-3	M	702.06	50.80	139.70	59.53	373.06	171.45	173	PHP 10-D270-M
		838.2	33.0	A-3	N	854.46	61.91	149.23	30.16	373.06	206.38	143	PHP 10-D330-N
		1016.0	40.0	A-3	N	1032.26	61.91	149.23	30.16	373.06	206.38	143	PHP 10-D400-N
		1219.2	48.0	A-3	P	1235.46	74.61	177.80	6.35	373.06	238.13	129	PHP 10-D480-P
		1473.2	58.0	A-3	P	1489.46	74.61	177.80	6.35	373.06	238.13	129	PHP 10-D580-P
		304.8	12.0	A-1	M	321.06	50.80	139.70	84.93	446.09	171.45	190	PHP 12-D120-M
		330.2	13.0	A-1	M	346.46	50.80	139.70	84.93	446.09	171.45	190	PHP 12-D130-M
		342.9	13.5	A-1	M	359.16	50.80	139.70	84.93	446.09	171.45	190	PHP 12-D135-M
		355.6	14.0	A-1	M	371.86	50.80	139.70	84.93	446.09	171.45	190	PHP 12-D140-M
D	12	368.3	14.5	A-1	M	384.56	50.80	139.70	84.93	446.09	171.45	136.1	PHP 12-D145-M
		381.0	15.0	A-2	M	397.26	50.80	139.70	84.93	446.09	171.45	190	PHP 12-D150-M
		393.7	15.5	A-1	M	409.96	50.80	139.70	84.93	446.09	171.45	190	PHP 12-D155-M
		406.4	16.0	A-2	M	422.66	50.80	139.70	84.93	446.09	171.45	190	PHP 12-D160-M
		457.2	18.0	A-2	M	473.46	50.80	139.70	84.93	446.09	171.45	190	PHP 12-D180-M
		508.0	20.0	A-2	M	524.26	50.80	139.70	84.93	446.09	171.45	190	PHP 12-D200-M
		558.8	22.0	A-3	M	575.06	50.80	139.70	59.53	446.09	171.45	215	PHP 12-D220-M

¹⁾ Please, note that 1 in pulley type stands for solid version, 2 for web version and 3 for arm/spoke version.
²⁾ Mass does not include bushings.

Classical V-belt pulleys
D QD bushed

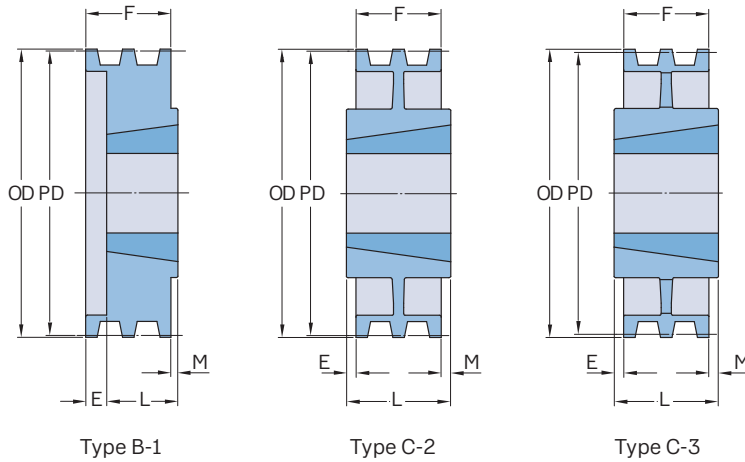


Type A

Section	Number of grooves	Pitch diameter		Pulley type ¹⁾	Bushing number	Dimensions							Mass ²⁾	Designation
		PCD				Outer diameter OD	Bore Min.	Max.	F	E	L	M		
–	–	mm	<i>in.</i>	–	–	mm							kg	–
D	12	685.8	27.0	A-3	N	702.06	61.91	149.23	55.56	446.09	206.38	184	235.9	PHP 12-D270-N
		838.2	33.0	A-3	N	854.46	61.91	149.23	58.74	446.09	206.38	184	301.6	PHP 12-D330-N
		1016.0	40.0	A-3	P	1032.26	74.61	177.80	6.35	446.09	238.13	202	394.6	PHP 12-D400-P
		1219.2	48.0	A-3	P	1235.46	74.61	177.80	6.35	446.09	238.13	202	494.4	PHP 12-D480-P
		1473.2	58.0	A-3	P	1489.46	74.61	177.80	6.35	446.09	238.13	202	589.7	PHP 12-D580-P

¹⁾ Please, note that 1 in pulley type stands for solid version, 2 for web version and 3 for arm/spoke version.
²⁾ Mass does not include bushings.

Narrow wedge belt pulleys
3V taper bushed

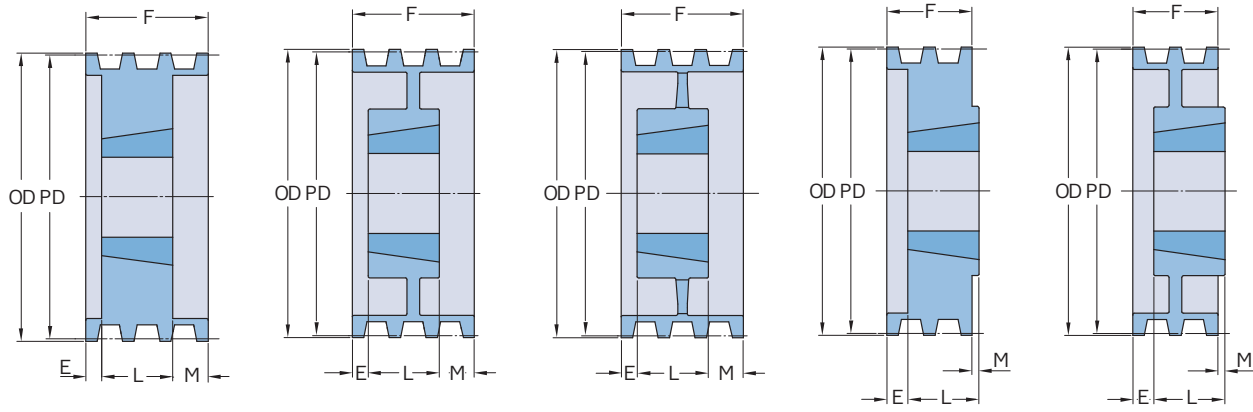


Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		B		F	E	L	M	Mass ²⁾	Designation
		mm			Outer diameter OD	in.	Min.	Max.					kg	
3V	1	66.04	B-1	1108	67.31	2.65	9.53	28.58	26.99	5.56	22.23	27.78	0.34	PHP 1-3V265TB
		69.85	B-1	1108	71.12	2.80	9.53	28.58	26.99	5.56	22.23	27.78	0.39	PHP 1-3V280TB
		74.93	B-1	1108	76.20	3.00	9.53	28.58	26.99	5.56	22.23	27.78	0.45	PHP 1-3V300TB
		78.74	B-1	1108	80.01	3.15	9.53	28.58	26.99	5.56	22.23	27.78	0.45	PHP 1-3V315TB
		83.82	B-1	1610	85.09	3.35	12.70	41.28	26.99	2.38	25.40	27.78	0.50	PHP 1-3V335TB
		91.44	B-1	1610	92.71	3.65	12.70	41.28	26.99	2.38	25.40	27.78	0.59	PHP 1-3V365TB
		103.38	B-1	1610	104.65	4.12	12.70	41.28	26.99	2.38	25.40	27.78	0.91	PHP 1-3V412TB
		113.03	B-1	1610	114.30	4.50	12.70	41.28	26.99	2.38	25.40	27.78	1.04	PHP 1-3V450TB
		119.38	B-1	1610	120.65	4.75	12.70	41.28	26.99	2.38	25.40	27.78	1.18	PHP 1-3V475TB
		125.73	B-1	1610	127.00	5.00	12.70	41.28	26.99	2.38	25.40	27.78	1.32	PHP 1-3V500TB
		133.35	B-1	1610	134.62	5.30	12.70	41.28	26.99	2.38	25.40	27.78	1.50	PHP 1-3V530TB
		140.97	B-1	1610	142.24	5.60	12.70	41.28	26.99	2.38	25.40	27.78	1.68	PHP 1-3V560TB
		151.13	B-1	1610	152.40	6.00	12.70	41.28	26.99	2.38	25.40	27.78	1.91	PHP 1-3V600TB
		163.83	B-1	1610	165.10	6.50	12.70	41.28	26.99	2.38	25.40	27.78	2.27	PHP 1-3V650TB
		173.99	B-1	1610	175.26	6.90	12.70	41.28	26.99	2.38	25.40	27.78	2.54	PHP 1-3V690TB
		201.93	C-2	2517 ¹⁾	203.20	8.00	19.05	63.50	26.99	–	44.45	27.78	3.86	PHP 1-3V800TB
		267.97	C-2	2517 ¹⁾	269.24	10.60	19.05	63.50	26.99	–	44.45	27.78	6.35	PHP 1-3V1060TB
		354.33	C-3	2517 ¹⁾	355.60	14.00	19.05	63.50	26.99	–	44.45	27.78	9.07	PHP 1-3V1400TB
		481.33	C-3	3020	482.60	19.00	31.75	76.20	26.99	–	50.80	27.78	11.79	PHP 1-3V1900TB
3V	2	66.04	B-1	1108	67.31	2.65	9.53	28.58	27.78	5.56	22.23	–	0.34	PHP 2-3V265TB
		69.85	B-1	1108	71.12	2.80	9.53	28.58	27.78	12.70	22.23	27.78	0.41	PHP 2-3V280TB
		74.93	B-1	1210	76.20	3.00	15.88	31.75	27.78	2.38	25.40	–	0.64	PHP 2-3V300TB
		78.74	B-1	1210	80.01	3.15	15.88	31.75	27.78	12.70	25.40	27.78	0.45	PHP 2-3V315TB
		83.82	B-1	1610	85.09	3.35	12.70	41.28	27.78	12.70	25.40	27.78	0.68	PHP 2-3V335TB
		91.44	B-1	1610	92.71	3.65	12.70	41.28	27.78	2.38	25.40	–	0.73	PHP 2-3V365TB
		103.38	B-1	1610	104.65	4.12	12.70	41.28	27.78	2.38	25.40	–	0.95	PHP 2-3V412TB
		113.03	B-1	1610	114.30	4.50	12.70	41.28	27.78	2.38	25.40	–	1.22	PHP 2-3V450TB
		119.38	B-1	1610	120.65	4.75	12.70	41.28	27.78	2.38	25.40	–	1.41	PHP 2-3V475TB
		125.73	B-1	1610	127.00	5.00	12.70	41.28	27.78	2.38	25.40	–	1.63	PHP 2-3V500TB
		133.35	B-1	1610	134.62	5.30	12.70	41.28	27.78	2.38	25.40	–	1.91	PHP 2-3V530TB
		140.97	B-1	1610	142.24	5.60	12.70	41.28	27.78	2.38	25.40	–	2.18	PHP 2-3V560TB
		151.13	B-1	1610	152.40	6.00	12.70	41.28	27.78	2.38	25.40	–	2.63	PHP 2-3V600TB
		163.83	B-1	1610	165.10	6.50	12.70	41.28	27.78	2.38	25.40	–	3.18	PHP 2-3V650TB
		173.99	B-1	1610	175.26	6.90	12.70	41.28	27.78	2.38	25.40	–	3.63	PHP 2-3V690TB
		201.93	C-2	2517 ¹⁾	203.20	8.00	19.05	63.50	27.78	–	44.45	16.67	4.99	PHP 2-3V800TB
		267.97	C-2	2517 ¹⁾	269.24	10.60	19.05	63.50	27.78	–	44.45	16.67	6.80	PHP 2-3V1060TB
		354.33	C-3	2517 ¹⁾	355.60	14.00	19.05	63.50	27.78	–	44.45	16.67	9.98	PHP 2-3V1400TB
		481.33	C-3	3020	482.60	19.00	31.75	76.20	27.78	3.18	50.80	23.02	14.51	PHP 2-3V1900TB
		633.73	C-3	3020	635.00	25.00	31.75	76.20	27.78	3.18	50.80	19.84	20.41	PHP 2-3V2500TB
3V	3	69.85	B-1	1108	71.12	2.80	9.53	28.58	38.10	15.88	22.23	27.78	0.50	PHP 3-3V280TB
		74.93	B-1	1210	76.20	3.00	15.88	31.75	38.10	23.02	25.40	–	0.82	PHP 3-3V300TB
		78.74	B-1	1210	80.01	3.15	15.88	31.75	38.10	12.70	25.40	27.78	0.68	PHP 3-3V315TB
		83.82	B-1	1610	85.09	3.35	12.70	41.28	38.10	23.02	25.40	27.78	0.82	PHP 3-3V335TB
		91.44	B-1	1610	92.71	3.65	12.70	41.28	38.10	23.02	25.40	–	0.91	PHP 3-3V365TB
		103.38	B-1	1610	104.65	4.12	12.70	41.28	38.10	12.70	25.40	–	1.18	PHP 3-3V412TB
		113.03	B-1	1610	114.30	4.50	12.70	41.28	38.10	12.70	25.40	–	1.45	PHP 3-3V450TB
		119.38	B-1	1610	120.65	4.75	12.70	41.28	38.10	12.70	25.40	–	1.68	PHP 3-3V475TB
		125.73	B-1	1610	127.00	5.00	12.70	41.28	38.10	12.70	25.40	–	1.91	PHP 3-3V500TB
		133.35	B-1	1610	134.62	5.30	12.70	41.28	38.10	12.70	25.40	–	2.18	PHP 3-3V530TB
		140.97	B-1	1610	142.24	5.60	12.70	41.28	38.10	12.70	25.40	–	2.49	PHP 3-3V560TB
		151.13	B-1	2517 ¹⁾	152.40	6.00	19.05	63.50	38.10	3.97	44.45	10.32	3.36	PHP 3-3V600TB
		163.83	B-1	2517 ¹⁾	165.10	6.50	19.05	63.50	38.10	3.97	44.45	10.32	4.13	PHP 3-3V650TB
		173.99	B-1	2517 ¹⁾	175.26	6.90	19.05	63.50	38.10	3.97	44.45	10.32	4.54	PHP 3-3V690TB

¹⁾ Taper bushing needs to conform to coarse thread series (UNC) of the ASME/ANSI standard. To complete designation, add U before bushing number and bore size at the end of designation, e.g. PHF TBU3535X70MM.

²⁾ Mass does not include bushings.

Narrow wedge belt pulleys
3V taper bushed



Type A-1

Type A-2

Type A-3

Type B-1

Type B-2

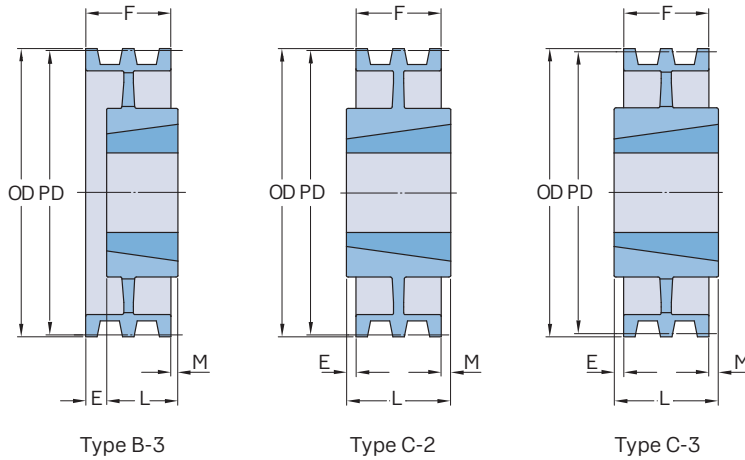
Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		B		F	E	L	M	Mass ²⁾	Designation
		mm			Outer diameter OD	in.	Min.	Max.					kg	
3V	3	201.93	C-2	2517 ¹⁾	203.20	8.00	19.05	63.50	38.10	3.97	44.45	10.32	6.80	PHP 3-3V800TB
		267.97	C-2	2517 ¹⁾	269.24	10.60	19.05	63.50	38.10	—	44.45	6.35	8.16	PHP 3-3V1060TB
		354.33	C-3	2517 ¹⁾	355.60	14.00	19.05	63.50	38.10	—	44.45	6.35	11.34	PHP 3-3V1400TB
		481.33	C-3	3020	482.60	19.00	31.75	76.20	38.10	—	50.80	12.70	15.42	PHP 3-3V1900TB
		633.73	C-3	3020	635.00	25.00	31.75	76.20	38.10	—	50.80	12.70	22.23	PHP 3-3V2500TB
		849.63	C-3	3020	850.90	33.50	31.75	76.20	38.10	6.35	50.80	6.35	30.39	PHP 3-3V3350TB
		69.85	B-1	1108	71.12	2.80	9.53	28.58	48.42	33.34	22.23	27.78	0.59	PHP 4-3V280TB
		74.93	B-1	1210	76.20	3.00	15.88	31.75	48.42	23.02	25.40	—	0.95	PHP 4-3V300TB
		78.74	B-1	1210	80.01	3.15	15.88	31.75	48.42	33.34	25.40	27.78	0.86	PHP 4-3V315TB
		83.82	B-1	1610	85.09	3.35	12.70	41.28	48.42	23.02	25.40	—	1.00	PHP 4-3V335TB
3V	4	91.44	B-1	1610	92.71	3.65	12.70	41.28	48.42	23.02	25.40	—	0.91	PHP 4-3V365TB
		103.38	B-1	1610	104.65	4.12	12.70	41.28	48.42	23.02	25.40	—	1.36	PHP 4-3V412TB
		113.03	B-1	1610	114.30	4.50	12.70	41.28	48.42	23.02	25.40	—	1.68	PHP 4-3V450TB
		119.38	B-1	1610	120.65	4.75	12.70	41.28	48.42	23.02	25.40	—	1.91	PHP 4-3V475TB
		125.73	B-1	1610	127.00	5.00	12.70	41.28	48.42	23.02	25.40	—	2.18	PHP 4-3V500TB
		133.35	B-1	1610	134.62	5.30	12.70	41.28	48.42	23.02	25.40	—	2.49	PHP 4-3V530TB
		140.97	B-1	1610	142.24	5.60	12.70	41.28	48.42	23.02	25.40	—	2.81	PHP 4-3V560TB
		151.13	B-1	2517 ¹⁾	152.40	6.00	19.05	63.50	48.42	3.97	44.45	—	3.63	PHP 4-3V600TB
		163.83	B-1	2517 ¹⁾	165.10	6.50	19.05	63.50	48.42	3.97	44.45	—	4.54	PHP 4-3V650TB
		173.99	B-1	2517 ¹⁾	175.26	6.90	19.05	63.50	48.42	3.97	44.45	—	5.44	PHP 4-3V690TB
		201.93	B-1	2517 ¹⁾	203.20	8.00	19.05	63.50	48.42	3.97	44.45	—	8.16	PHP 4-3V800TB
		267.97	A-2	2517 ¹⁾	269.24	10.60	19.05	63.50	48.42	3.97	44.45	—	9.07	PHP 4-3V1060TB
		354.33	C-3	2517 ¹⁾	355.60	14.00	19.05	63.50	48.42	—	44.45	3.97	13.15	PHP 4-3V1400TB
		481.33	C-3	3020	482.60	19.00	31.75	76.20	48.42	—	76.20	27.78	20.41	PHP 4-3V1900TB
		633.73	C-3	3020	635.00	25.00	31.75	76.20	48.42	—	76.20	27.78	28.58	PHP 4-3V2500TB
		849.63	C-3	3020	850.90	33.50	31.75	76.20	48.42	13.89	76.20	13.89	36.74	PHP 4-3V3350TB
	5	119.38	B-1	2517 ¹⁾	120.65	4.75	19.05	63.50	74.61	14.29	44.45	—	1.72	PHP 5-3V475TB
		125.73	B-1	2517 ¹⁾	127.00	5.00	19.05	63.50	74.61	14.29	44.45	—	2.18	PHP 5-3V500TB
		133.35	B-1	2517 ¹⁾	134.62	5.30	19.05	63.50	74.61	14.29	44.45	—	2.68	PHP 5-3V530TB
		140.97	B-1	2517 ¹⁾	142.24	5.60	19.05	63.50	74.61	14.29	44.45	—	3.18	PHP 5-3V560TB
		151.13	B-1	2517 ¹⁾	152.40	6.00	19.05	63.50	74.61	14.29	44.45	—	3.95	PHP 5-3V600TB
		163.83	B-1	2517 ¹⁾	165.10	6.50	19.05	63.50	74.61	14.29	44.45	—	4.99	PHP 5-3V650TB
		173.99	B-1	2517 ¹⁾	175.26	6.90	19.05	63.50	74.61	14.29	44.45	—	5.90	PHP 5-3V690TB
		201.93	B-1	2517 ¹⁾	203.20	8.00	19.05	63.50	74.61	14.29	44.45	—	8.62	PHP 5-3V800TB
		267.97	B-2	2517 ¹⁾	269.24	10.60	19.05	63.50	74.61	14.29	44.45	—	11.79	PHP 5-3V1060TB
		354.33	C-3	2517 ¹⁾	355.60	14.00	19.05	63.50	74.61	—	44.45	14.29	15.42	PHP 5-3V1400TB
3V	6	481.33	C-3	3030	482.60	19.00	31.75	76.20	74.61	—	76.20	17.46	21.32	PHP 5-3V1900TB
		633.73	C-3	3030	635.00	25.00	31.75	76.20	74.61	—	76.20	17.46	29.94	PHP 5-3V2500TB
		849.63	C-3	3030	850.90	33.50	31.75	76.20	74.61	8.73	76.20	17.46	39.01	PHP 5-3V3350TB
		119.38	B-1	2517 ¹⁾	120.65	4.75	19.05	63.50	69.06	24.61	44.45	—	2.00	PHP 6-3V475TB
		125.73	B-1	2517 ¹⁾	127.00	5.00	19.05	63.50	69.06	24.61	44.45	—	2.45	PHP 6-3V500TB
		133.35	B-1	2517 ¹⁾	134.62	5.30	19.05	63.50	69.06	24.61	44.45	—	2.95	PHP 6-3V530TB
		140.97	B-1	2517 ¹⁾	142.24	5.60	19.05	63.50	69.06	24.61	44.45	—	3.49	PHP 6-3V560TB
		151.13	B-1	2517 ¹⁾	152.40	6.00	19.05	63.50	69.06	24.61	44.45	—	4.31	PHP 6-3V600TB
		163.83	B-1	2517 ¹⁾	165.10	6.50	19.05	63.50	69.06	24.61	44.45	—	5.44	PHP 6-3V650TB
		173.99	B-1	2517 ¹⁾	175.26	6.90	19.05	63.50	69.06	24.61	44.45	—	5.90	PHP 6-3V690TB
3V	6	201.93	B-1	2517 ¹⁾	203.20	8.00	19.05	63.50	69.06	24.61	44.45	—	9.07	PHP 6-3V800TB
		267.97	B-2	2517 ¹⁾	269.24	10.60	19.05	63.50	69.06	24.61	44.45	—	13.15	PHP 6-3V1060TB
		354.33	B-3	2517 ¹⁾	355.60	14.00	19.05	63.50	69.06	5.56	44.45	19.05	18.60	PHP 6-3V1400TB
		481.33	C-3	3020	482.60	19.00	31.75	76.20	69.06	—	76.20	7.14	23.13	PHP 6-3V1900TB
		633.73	C-3	3030	635.00	25.00	31.75	76.20	69.06	—	76.20	7.14	32.66	PHP 6-3V2500TB
		849.63	C-3	3030	850.90	33.50	31.75	76.20	69.06	3.57	76.20	3.57	41.73	PHP 6-3V3350TB

¹⁾ Taper bushing needs to conform to coarse thread series (UNC) of the ASME/ANSI standard. To complete designation, add U before bushing number and bore size at the end of designation, e.g. PHF TBU3535X70MM.

²⁾ Mass does not include bushings.

Narrow wedge belt pulleys

3V taper bushed | 5V taper bushed

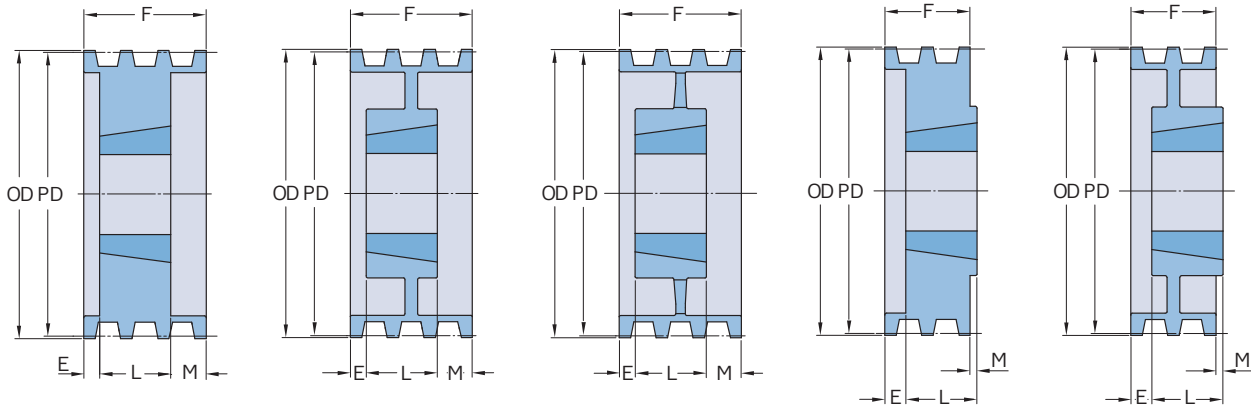


Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions										Mass ²⁾	Designation
					Outer diameter OD		B Min.	Max.	F	E	L	M				
—	—	mm	—	—	mm	in.							kg	—		
3V	8	119.38	B-1	2517 ¹⁾	120.65	4.75	19.05	63.50	89.69	45.24	44.45	—	2.63	PHP 8-3V475TB		
		125.73	B-1	2517 ¹⁾	127.00	5.00	19.05	63.50	89.69	45.24	44.45	—	2.90	PHP 8-3V500TB		
		133.35	A-1	2517 ¹⁾	134.62	5.30	19.05	63.50	89.69	26.19	44.45	19.05	3.54	PHP 8-3V530TB		
		140.97	A-1	2517 ¹⁾	142.24	5.60	19.05	63.50	89.69	6.35	44.45	38.89	4.17	PHP 8-3V560TB		
		151.13	A-1	2517 ¹⁾	152.40	6.00	19.05	63.50	89.69	6.35	44.45	38.89	4.99	PHP 8-3V600TB		
		163.83	A-1	2517 ¹⁾	165.10	6.50	19.05	63.50	89.69	6.35	44.45	38.89	6.35	PHP 8-3V650TB		
		173.99	A-1	2517 ¹⁾	175.26	6.90	19.05	63.50	89.69	6.35	44.45	38.89	7.26	PHP 8-3V690TB		
		201.93	A-1	3020	203.20	8.00	31.75	76.20	89.69	12.70	50.80	26.19	9.98	PHP 8-3V800TB		
		267.97	A-2	3020	269.24	10.60	31.75	76.20	89.69	12.70	50.80	26.19	12.70	PHP 8-3V1060TB		
		354.33	A-3	3020	355.60	14.00	31.75	76.20	89.69	—	76.20	13.49	23.59	PHP 8-3V1400TB		
	481.33	A-3	3535 ¹⁾	482.60	19.00	50.80	100.01	89.69	—	88.90	0.79	30.39	PHP 8-3V1900TB			
	633.73	A-3	3535 ¹⁾	635.00	25.00	50.80	100.01	89.69	—	88.90	0.79	42.18	PHP 8-3V2500TB			
	849.63	C-3	4040	850.90	33.50	44.45	112.71	89.69	23.81	101.60	23.81	71.21	PHP 8-3V3350TB			
	10	119.38	B-1	2517 ¹⁾	120.65	4.75	19.05	63.50	110.33	65.88	44.45	—	3.18	PHP 10-3V475TB		
		125.73	B-1	2517 ¹⁾	127.00	5.00	19.05	63.50	110.33	65.88	44.45	19.05	3.63	PHP 10-3V500TB		
		133.35	A-1	2517 ¹⁾	134.62	5.30	19.05	63.50	110.33	65.88	44.45	—	4.08	PHP 10-3V530TB		
		140.97	A-1	2517 ¹⁾	142.24	5.60	19.05	63.50	110.33	12.70	44.45	53.18	4.99	PHP 10-3V560TB		
		151.13	A-1	2517 ¹⁾	152.40	6.00	19.05	63.50	110.33	12.70	44.45	53.18	5.90	PHP 10-3V600TB		
		163.83	A-1	2517 ¹⁾	165.10	6.50	19.05	63.50	110.33	12.70	44.45	53.18	6.80	PHP 10-3V650TB		
		173.99	A-1	2517 ¹⁾	175.26	6.90	19.05	63.50	110.33	12.70	44.45	53.18	8.16	PHP 10-3V690TB		
201.93		A-1	3020	203.20	8.00	31.75	76.20	110.33	6.35	50.80	53.18	10.43	PHP 10-3V800TB			
267.97		A-2	3020	269.24	10.60	31.75	76.20	110.33	21.43	50.80	38.10	14.06	PHP 10-3V1060TB			
354.33		A-2	3535 ¹⁾	355.60	14.00	50.80	88.90	110.33	—	88.90	21.43	22.68	PHP 10-3V1400TB			
481.33	A-3	3535 ¹⁾	482.60	19.00	50.80	88.90	110.33	—	88.90	21.43	34.02	PHP 10-3V1900TB				
633.73	A-3	4040	635.00	25.00	44.45	112.71	110.33	—	101.60	8.73	55.34	PHP 10-3V2500TB				
849.63	A-3	4040	850.90	33.50	44.45	112.71	110.33	4.37	101.60	4.37	78.02	PHP 10-3V3350TB				
5V	2	177.80	B-1	2517 ¹⁾	180.34	7.10	19.05	63.50	42.86	1.59	44.45	—	4.54	PHP 2-5V710TB		
		187.96	B-1	2517 ¹⁾	190.50	7.50	19.05	63.50	42.86	1.59	44.45	—	5.44	PHP 2-5V750TB		
		200.66	B-1	2517 ¹⁾	203.20	8.00	19.05	63.50	42.86	1.59	44.45	—	6.35	PHP 2-5V800TB		
		213.36	B-2	2517 ¹⁾	215.90	8.50	19.05	63.50	42.86	1.59	44.45	—	5.90	PHP 2-5V850TB		
		226.06	B-2	2517 ¹⁾	228.60	9.00	19.05	63.50	42.86	1.59	44.45	—	7.26	PHP 2-5V900TB		
		232.41	C-2	3020	234.95	9.25	31.75	76.20	42.86	—	50.80	7.94	7.71	PHP 2-5V925TB		
		245.11	C-2	3020	247.65	9.75	31.75	76.20	42.86	—	50.80	7.94	8.62	PHP 2-5V975TB		
		259.08	C-2	3020	261.62	10.30	31.75	76.20	42.86	—	50.80	7.94	9.98	PHP 2-5V1030TB		
		274.32	C-2	3020	276.86	10.90	31.75	76.20	42.86	—	50.80	7.94	10.89	PHP 2-5V1090TB		
		297.18	C-2	3020	299.72	11.80	31.75	76.20	42.86	—	50.80	7.94	11.79	PHP 2-5V1180TB		
	314.96	C-2	3020	317.50	12.50	31.75	76.20	42.86	—	50.80	7.94	12.70	PHP 2-5V1250TB			
	332.74	C-3	3020	335.28	13.20	31.75	76.20	42.86	—	50.80	7.94	9.53	PHP 2-5V1320TB			
	353.06	C-3	3020	355.60	14.00	31.75	76.20	42.86	—	50.80	7.94	10.43	PHP 2-5V1400TB			
	378.46	C-3	3020	381.00	15.00	31.75	76.20	42.86	—	50.80	7.94	11.79	PHP 2-5V1500TB			
	403.86	C-3	3020	406.40	16.00	31.75	76.20	42.86	—	50.80	7.94	12.70	PHP 2-5V1600TB			
	535.94	C-3	3535 ¹⁾	538.48	21.20	50.80	100.01	42.86	9.53	88.90	36.51	23.13	PHP 2-5V2120TB			
	708.66	C-3	3535 ¹⁾	711.20	28.00	50.80	100.01	42.86	9.53	88.90	36.51	31.30	PHP 2-5V2800TB			
	5V	3	177.80	B-1	2517 ¹⁾	180.34	7.10	19.05	63.50	60.33	15.88	44.45	—	5.90	PHP 3-5V710TB	
			187.96	B-1	2517 ¹⁾	190.50	7.50	19.05	63.50	60.33	15.88	44.45	—	6.80	PHP 3-5V750TB	
			200.66	B-1	2517 ¹⁾	203.20	8.00	19.05	63.50	60.33	15.88	44.45	—	8.16	PHP 3-5V800TB	
213.36			B-2	2517 ¹⁾	215.90	8.50	19.05	63.50	60.33	15.88	44.45	—	9.07	PHP 3-5V850TB		
226.06			B-2	2517 ¹⁾	228.60	9.00	19.05	63.50	60.33	15.88	44.45	—	9.07	PHP 3-5V900TB		
232.41		A-2	3020	234.95	9.25	31.75	76.20	60.33	—	50.80	9.53	9.53	PHP 3-5V925TB			
245.11		A-2	3020	247.65	9.75	31.75	76.20	60.33	—	50.80	9.53	10.89	PHP 3-5V975TB			
259.08		A-2	3020	261.62	10.30	31.75	76.20	60.33	—	50.80	9.53	11.34	PHP 3-5V1030TB			
274.32		A-2	3020	276.86	10.90	31.75	76.20	60.33	—	50.80	9.53	12.25	PHP 3-5V1090TB			

¹⁾ Taper bushing needs to conform to coarse thread series (UNC) of the ASME/ANSI standard. To complete designation, add U before bushing number and bore size at the end of designation, e.g. PHF TBU3535X70MM.

²⁾ Mass does not include bushings.

Narrow wedge belt pulleys
5V taper bushed



Type A-1

Type A-2

Type A-3

Type B-1

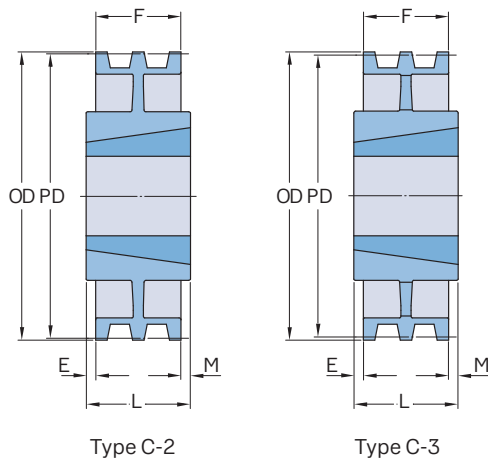
Type B-2

Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		B		F	E	L	M	Mass ²⁾	Designation
		mm			Outer diameter OD	in.	Min.	Max.					kg	
5V	3	297.18	A-2	3020	299.72	11.80	31.75	76.20	60.33	—	50.80	9.53	13.15	PHP 3-5V1180TB
		314.96	A-3	3020	317.50	12.50	31.75	76.20	60.33	—	50.80	9.53	14.51	PHP 3-5V1250TB
		332.74	A-3	3020	335.28	13.20	31.75	76.20	60.33	—	50.80	9.53	15.42	PHP 3-5V1320TB
		353.06	A-3	3020	355.60	14.00	31.75	76.20	60.33	—	50.80	9.53	16.33	PHP 3-5V1400TB
		378.46	A-3	3020	381.00	15.00	31.75	76.20	60.33	—	50.80	9.53	16.78	PHP 3-5V1500TB
		403.86	A-3	3020	406.40	16.00	31.75	76.20	60.33	—	50.80	9.53	17.24	PHP 3-5V1600TB
		535.94	C-3	3535 ¹⁾	538.48	21.20	50.80	100.01	60.33	—	88.90	28.58	29.48	PHP 3-5V2120TB
		708.66	C-3	3535 ¹⁾	711.20	28.00	50.80	100.01	60.33	—	88.90	28.58	42.18	PHP 3-5V2800TB
		949.96	C-3	4040	952.50	37.50	44.45	112.71	60.33	12.70	101.60	28.58	64.41	PHP 3-5V3750TB
		1267.46	C-3	4040	1270.00	50.00	44.45	112.71	60.33	12.70	101.60	28.58	91.63	PHP 3-5V5000TB
	4	177.80	B-1	2517 ¹⁾	180.34	7.10	19.05	63.50	77.79	33.34	44.45	—	6.80	PHP 4-5V710TB
		187.96	B-1	2517 ¹⁾	190.50	7.50	19.05	63.50	77.79	33.34	44.45	—	8.16	PHP 4-5V750TB
		200.66	B-1	2517 ¹⁾	203.20	8.00	19.05	63.50	77.79	33.34	44.45	—	9.53	PHP 4-5V800TB
		213.36	B-2	2517 ¹⁾	215.90	8.50	19.05	63.50	77.79	33.34	44.45	—	9.07	PHP 4-5V850TB
		226.06	B-2	2517 ¹⁾	228.60	9.00	19.05	63.50	77.79	33.34	44.45	—	9.98	PHP 4-5V900TB
		232.41	A-1	3020	234.95	9.25	31.75	76.20	77.79	12.70	50.80	14.29	12.25	PHP 4-5V925TB
		245.11	A-1	3020	247.65	9.75	31.75	76.20	77.79	12.70	50.80	14.29	14.06	PHP 4-5V975TB
		259.08	A-2	3020	261.62	10.30	31.75	76.20	77.79	12.70	50.80	14.29	12.70	PHP 4-5V1030TB
		274.32	A-2	3020	276.86	10.90	31.75	76.20	77.79	12.70	50.80	14.29	14.06	PHP 4-5V1090TB
		297.18	A-2	3020	299.72	11.80	31.75	76.20	77.79	12.70	50.80	14.29	15.42	PHP 4-5V1180TB
		314.96	A-2	3020	317.50	12.50	31.75	76.20	77.79	—	76.20	1.59	18.14	PHP 4-5V1250TB
		332.74	A-3	3020	335.28	13.20	31.75	76.20	77.79	—	76.20	1.59	19.05	PHP 4-5V1320TB
		353.06	C-2	3535 ¹⁾	355.60	14.00	50.80	100.01	77.79	—	88.90	11.11	21.77	PHP 4-5V1400TB
		378.46	C-3	3535 ¹⁾	381.00	15.00	50.80	100.01	77.79	—	88.90	11.11	23.59	PHP 4-5V1500TB
		403.86	C-3	3535 ¹⁾	406.40	16.00	50.80	100.01	77.79	—	88.90	11.11	24.04	PHP 4-5V1600TB
5V	5	535.94	C-3	3535 ¹⁾	538.48	21.20	50.80	100.01	77.79	—	88.90	11.11	32.66	PHP 4-5V2120TB
		708.66	C-3	3535 ¹⁾	711.20	28.00	50.80	100.01	77.79	—	88.90	11.11	46.72	PHP 4-5V2800TB
		949.96	C-3	4040	952.50	37.50	44.45	112.71	77.79	—	101.60	23.81	78.02	PHP 4-5V3750TB
		1267.46	C-3	4040	1270.00	50.00	44.45	112.71	77.79	—	101.60	23.81	100.70	PHP 4-5V5000TB
		177.80	A-1	3020	180.34	7.10	31.75	76.20	95.25	12.70	50.80	31.75	7.26	PHP 5-5V710TB
		187.96	A-1	3020	190.50	7.50	31.75	76.20	95.25	12.70	50.80	31.75	8.16	PHP 5-5V750TB
		200.66	A-1	3020	203.20	8.00	31.75	76.20	95.25	12.70	50.80	31.75	9.98	PHP 5-5V800TB
		213.36	A-1	3020	215.90	8.50	31.75	76.20	95.25	12.70	50.80	31.75	11.79	PHP 5-5V850TB
		226.06	A-1	3020	228.60	9.00	31.75	76.20	95.25	12.70	50.80	31.75	13.15	PHP 5-5V900TB
		232.41	A-1	3020	234.95	9.25	31.75	76.20	95.25	12.70	50.80	31.75	13.61	PHP 5-5V925TB
		245.11	A-1	3020	247.65	9.75	31.75	76.20	95.25	12.70	50.80	31.75	15.42	PHP 5-5V975TB
		259.08	A-2	3020	261.62	10.30	31.75	76.20	95.25	12.70	50.80	31.75	14.51	PHP 5-5V1030TB
		274.32	A-2	3020	276.86	10.90	31.75	76.20	95.25	12.70	50.80	31.75	15.42	PHP 5-5V1090TB
		297.18	A-2	3020	299.72	11.80	31.75	76.20	95.25	12.70	50.80	31.75	17.69	PHP 5-5V1180TB
		314.96	A-2	3535 ¹⁾	317.50	12.50	50.80	100.01	95.25	—	88.90	6.35	24.49	PHP 5-5V1250TB
		332.74	A-2	3535 ¹⁾	335.28	13.20	50.80	100.01	95.25	—	88.90	6.35	25.85	PHP 5-5V1320TB
5V	6	353.06	A-2	3535 ¹⁾	355.60	14.00	50.80	100.01	95.25	—	88.90	6.35	24.49	PHP 5-5V1400TB
		378.46	A-3	3535 ¹⁾	381.00	15.00	50.80	100.01	95.25	—	88.90	6.35	25.40	PHP 5-5V1500TB
		403.86	A-3	3535 ¹⁾	406.40	16.00	50.80	100.01	95.25	—	88.90	6.35	26.31	PHP 5-5V1600TB
		535.94	C-3	4040	538.48	21.20	44.45	112.71	95.25	—	101.60	6.35	41.73	PHP 5-5V2120TB
		708.66	C-3	4040	711.20	28.00	44.45	112.71	95.25	—	101.60	6.35	53.07	PHP 5-5V2800TB
		949.96	C-3	4040	952.50	37.50	44.45	112.71	95.25	—	101.60	6.35	82.55	PHP 5-5V3750TB
		1267.46	C-3	4545	1270.00	50.00	57.15	125.41	95.25	—	114.30	19.05	125.19	PHP 5-5V5000TB
		177.80	A-1	3020	180.34	7.10	31.75	76.20	112.71	19.05	50.80	42.86	8.16	PHP 6-5V710 TB
		187.96	A-1	3020	190.50	7.50	31.75	76.20	112.71	19.05	50.80	42.86	9.07	PHP 6-5V750 TB
		200.66	A-1	3020	203.20	8.00	31.75	76.20	112.71	19.05	50.80	42.86	10.89	PHP 6-5V800 TB
		213.36	A-1	3020	215.90	8.50	31.75	76.20	112.71	19.05	50.80	42.86	12.70	PHP 6-5V850 TB
		226.06	A-1	3020	228.60	9.00	31.75	76.20	112.71	19.05	50.80	42.86	13.61	PHP 6-5V900 TB

¹⁾ Taper bushing needs to conform to coarse thread series (UNC) of the ASME/ANSI standard. To complete designation, add U before bushing number and bore size at the end of designation, e.g. PHF TBU3535X70MM.

²⁾ Mass does not include bushings.

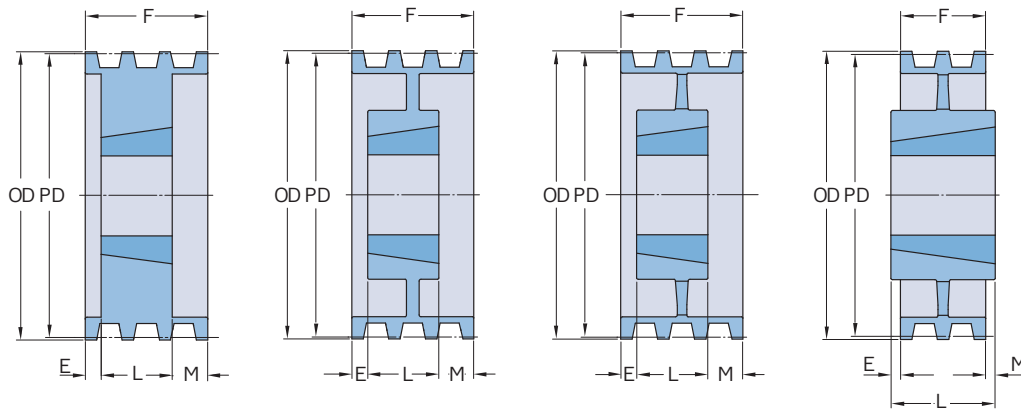
Narrow wedge belt pulleys 5V taper bushed



Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		B		F	E	L	M	Mass ²⁾	Designation
		mm			Outer diameter	in.	Min.	Max.					kg	
5V	6	232.41	A-1	3535 ¹⁾	234.95	9.25	50.80	100.01	112.71	—	88.90	23.81	17.69	PHP 6-5V925 TB
		245.11	A-1	3535 ¹⁾	247.65	9.75	50.80	100.01	112.71	—	88.90	23.81	20.87	PHP 6-5V975 TB
		259.08	A-1	3535 ¹⁾	261.62	10.30	50.80	100.01	112.71	—	88.90	23.81	24.49	PHP 6-5V1030 TB
		274.32	A-1	3535 ¹⁾	276.86	10.90	50.80	100.01	112.71	—	88.90	23.81	28.12	PHP 6-5V1090 TB
		297.18	A-2	3535 ¹⁾	299.72	11.80	50.80	100.01	112.71	—	88.90	23.81	24.95	PHP 6-5V1180 TB
		314.96	A-2	3535 ¹⁾	317.50	12.50	50.80	100.01	112.71	—	88.90	23.81	26.31	PHP 6-5V1250 TB
		332.74	A-2	3535 ¹⁾	335.28	13.20	50.80	100.01	112.71	—	88.90	23.81	27.22	PHP 6-5V1320 TB
		353.06	A-2	3535 ¹⁾	355.60	14.00	50.80	100.01	112.71	—	88.90	23.81	26.76	PHP 6-5V1400 TB
		378.46	A-2	4040	381.00	15.00	44.45	112.71	112.71	—	101.60	11.11	37.19	PHP 6-5V1500 TB
		403.86	A-2	4040	406.40	16.00	44.45	112.71	112.71	—	101.60	11.11	39.46	PHP 6-5V1600 TB
	8	535.94	A-3	4040	538.48	21.20	44.45	112.71	112.71	—	101.60	11.11	46.27	PHP 6-5V2120 TB
		708.66	A-3	4040	711.20	28.00	44.45	112.71	112.71	—	101.60	11.11	62.14	PHP 6-5V2800 TB
		949.96	C-3	4545	952.50	37.50	57.15	125.41	112.71	—	114.30	1.59	100.24	PHP 6-5V3750 TB
		1267.46	C-3	4545	1270.00	50.00	57.15	125.41	112.71	—	114.30	1.59	134.26	PHP 6-5V5000 TB
		177.80	A-1	3030	180.34	7.10	31.75	76.20	147.64	25.40	76.20	46.04	10.89	PHP 8-5V710TB
		187.96	A-1	3030	190.50	7.50	31.75	76.20	147.64	25.40	76.20	46.04	12.70	PHP 8-5V750TB
		200.66	A-1	3030	203.20	8.00	31.75	76.20	147.64	25.40	76.20	46.04	14.97	PHP 8-5V800TB
		213.36	A-1	3030	215.90	8.50	31.75	76.20	147.64	25.40	76.20	46.04	17.24	PHP 8-5V850TB
		226.06	A-1	3535 ¹⁾	228.60	9.00	50.80	100.01	147.64	25.40	88.90	33.34	19.96	PHP 8-5V900TB
		232.41	A-1	3535 ¹⁾	234.95	9.25	50.80	100.01	147.64	25.40	88.90	33.34	20.41	PHP 8-5V925TB
5V	8	245.11	A-1	3535 ¹⁾	247.65	9.75	50.80	100.01	147.64	25.40	88.90	33.34	23.13	PHP 8-5V975TB
		259.08	A-1	3535 ¹⁾	261.62	10.30	50.80	100.01	147.64	25.40	88.90	33.34	27.22	PHP 8-5V1030TB
		274.32	A-1	3535 ¹⁾	276.86	10.90	50.80	100.01	147.64	25.40	88.90	33.34	30.84	PHP 8-5V1090TB
		297.18	A-2	3535 ¹⁾	299.72	11.80	50.80	100.01	147.64	25.40	88.90	33.34	28.58	PHP 8-5V1180TB
		314.96	A-2	4040	317.50	12.50	44.45	112.71	147.64	6.35	101.60	39.69	37.19	PHP 8-5V1250TB
		332.74	A-2	4040	335.28	13.20	44.45	112.71	147.64	6.35	101.60	39.69	37.19	PHP 8-5V1320TB
		353.06	A-2	4040	355.60	14.00	44.45	112.71	147.64	6.35	101.60	39.69	39.46	PHP 8-5V1400TB
		378.46	A-2	4040	381.00	15.00	44.45	112.71	147.64	6.35	101.60	39.69	44.00	PHP 8-5V1500TB
		403.86	A-2	4040	406.40	16.00	44.45	112.71	147.64	6.35	101.60	39.69	46.27	PHP 8-5V1600TB
		535.94	A-3	4040	538.48	21.20	44.45	112.71	147.64	6.35	101.60	39.69	55.34	PHP 8-5V2120TB
	10	708.66	A-3	4545	711.20	28.00	57.15	125.41	147.64	6.35	114.30	26.99	79.83	PHP 8-5V2800TB
		949.96	A-3	4545	952.50	37.50	57.15	125.41	147.64	6.35	114.30	26.99	122.92	PHP 8-5V3750TB
		1267.46	A-3	4545	1270.00	50.00	57.15	125.41	147.64	6.35	114.30	26.99	161.48	PHP 8-5V5000TB
		200.66	A-1	3030	203.20	8.00	31.75	76.20	182.56	25.40	76.20	80.96	16.33	PHP 10-5V800TB
		213.36	A-1	3030	215.90	8.50	31.75	76.20	182.56	25.40	76.20	80.96	19.05	PHP 10-5V850TB
		226.06	A-1	3535 ¹⁾	228.60	9.00	50.80	100.01	182.56	25.40	88.90	68.26	21.32	PHP 10-5V900TB
		232.41	A-1	4040	234.95	9.25	44.45	112.71	182.56	25.40	101.60	55.03	20.87	PHP 10-5V925TB
		245.11	A-1	4040	247.65	9.75	44.45	112.71	182.56	25.40	101.60	55.03	24.49	PHP 10-5V975TB
		259.08	A-1	4040	261.62	10.30	44.45	112.71	182.56	25.40	101.60	55.03	29.03	PHP 10-5V1030TB
		274.32	A-1	4040	276.86	10.90	44.45	112.71	182.56	25.40	101.60	55.03	33.11	PHP 10-5V1090TB
5V	8	284.48	A-1	4040	287.02	11.30	44.45	112.71	182.56	25.40	101.60	55.03	41.73	PHP 10-5V1130TB
		297.18	A-1	4040	299.72	11.80	44.45	112.71	182.56	25.40	101.60	55.03	39.46	PHP 10-5V1180TB
		314.96	A-2	4040	317.50	12.50	44.45	112.71	182.56	19.05	101.60	55.03	39.46	PHP 10-5V1250TB
		332.74	A-2	4040	335.28	13.20	44.45	112.71	182.56	19.05	101.60	61.91	48.08	PHP 10-5V1320TB
		353.06	A-2	4545	355.60	14.00	57.15	125.41	182.56	19.05	114.30	61.91	52.62	PHP 10-5V1400TB
		378.46	A-2	4545	381.00	15.00	57.15	125.41	182.56	19.05	114.30	49.21	57.15	PHP 10-5V1500TB
		403.86	A-2	4545	406.40	16.00	57.15	125.41	182.56	19.05	114.30	49.21	59.42	PHP 10-5V1600TB
		472.44	A-2	4545	474.98	18.70	57.15	125.41	182.56	19.05	114.30	49.21	61.69	PHP 10-5V1870TB
		535.94	A-3	4545	538.48	21.20	57.15	125.41	182.56	19.05	114.30	49.21	63.05	PHP 10-5V2120TB
		708.66	A-3	4545	711.20	28.00	57.15	125.41	182.56	19.05	114.30	49.21	86.64	PHP 10-5V2800TB
	10	949.96	A-3	4545	952.50	37.50	57.15	125.41	182.56	19.05	114.30	49.21	143.34	PHP 10-5V3750TB
		1267.46	A-3	5050	1270.00	50.00	69.85	127.00	182.56	19.05	127.00	36.51	194.14	PHP 10-5V5000TB

¹⁾ Taper bushing needs to conform to coarse thread series (UNC) of the ASME/ANSI standard. To complete designation, add U before bushing number and bore size at the end of designation, e.g. PHP TBU3535X70MM.
²⁾ Mass does not include bushings.

Narrow wedge belt pulleys 8V taper bushed



Type A-1

Type A-2

Type A-3

Type C-3

Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		B		F	E	L	M	Mass ²⁾	Designation
		mm			Outer diameter OD		Min.	Max.					kg	
8V	4	312.42	A-1	4040	317.50	12.50	44.45	112.71	123.83	—	101.60	22.23	41.73	PHP 4-8V1250TB
		330.20	A-1	4040	335.28	13.20	44.45	112.71	123.83	—	101.60	22.23	48.53	PHP 4-8V1320TB
		350.52	A-1	4040	355.60	14.00	44.45	125.41	123.83	—	114.30	9.53	57.15	PHP 4-8V1400TB
		375.92	A-1	4040	381.00	15.00	44.45	125.41	123.83	—	114.30	9.53	52.62	PHP 4-8V1500TB
		401.32	A-2	4040	406.40	16.00	44.45	125.41	123.83	—	114.30	9.53	57.15	PHP 4-8V1600TB
		426.72	A-2	4040	431.80	17.00	44.45	125.41	123.83	—	114.30	9.53	61.69	PHP 4-8V1700TB
		452.12	A-2	4040	457.20	18.00	44.45	125.41	123.83	—	114.30	9.53	66.22	PHP 4-8V1800TB
		477.52	A-2	4040	482.60	19.00	44.45	125.41	123.83	—	114.30	9.53	73.03	PHP 4-8V1900TB
		502.92	A-2	4545	508.00	20.00	57.15	125.41	123.83	—	114.30	9.53	77.56	PHP 4-8V2000TB
		533.40	A-3	4545	538.48	21.20	57.15	125.41	123.83	—	114.30	9.53	66.22	PHP 4-8V2120TB
		563.88	A-3	4545	568.96	22.40	57.15	125.41	123.83	—	114.30	9.53	73.03	PHP 4-8V2240TB
		756.92	A-3	4545	762.00	30.00	57.15	125.41	123.83	—	114.30	9.53	113.85	PHP 4-8V3000TB
		896.62	A-3	5050	901.70	35.50	57.15	125.41	123.83	—	114.30	9.53	129.27	PHP 4-8V3550TB
		1010.92	C-3	5050	1016.00	40.00	69.85	127.00	123.83	—	127.00	3.18	143.34	PHP 4-8V4000TB
		1125.22	C-3	5050	1130.30	44.50	69.85	127.00	123.83	—	127.00	3.18	185.07	PHP 4-8V4450TB
		1341.12	C-3	5050	1346.20	53.00	69.85	127.00	123.83	—	127.00	3.18	215.91	PHP 4-8V5300TB
8V	5	312.42	A-1	4040	317.50	12.50	44.45	125.41	152.40	—	114.30	38.10	43.54	PHP 5-8V1250TB
		330.20	A-1	4040	335.28	13.20	44.45	125.41	152.40	—	114.30	38.10	52.62	PHP 5-8V1320TB
		350.52	A-1	4040	355.60	14.00	44.45	125.41	152.40	—	114.30	38.10	61.69	PHP 5-8V1400TB
		375.92	A-1	4040	381.00	15.00	44.45	125.41	152.40	—	114.30	38.10	59.42	PHP 5-8V1500TB
		401.32	A-1	4040	406.40	16.00	44.45	125.41	152.40	—	114.30	38.10	63.96	PHP 5-8V1600TB
		426.72	A-2	4545	431.80	17.00	44.45	125.41	152.40	—	114.30	38.10	66.22	PHP 5-8V1700TB
		452.12	A-2	4545	457.20	18.00	44.45	125.41	152.40	—	114.30	38.10	70.76	PHP 5-8V1800TB
		477.52	A-2	4545	482.60	19.00	44.45	125.41	152.40	—	114.30	38.10	79.83	PHP 5-8V1900TB
		502.92	A-2	4545	508.00	20.00	57.15	125.41	152.40	—	114.30	38.10	84.37	PHP 5-8V2000TB
		533.40	A-3	4545	538.48	21.20	57.15	125.41	152.40	—	114.30	38.10	73.03	PHP 5-8V2120TB
		563.88	A-3	4545	568.96	22.40	57.15	125.41	152.40	—	114.30	38.10	79.83	PHP 5-8V2240TB
		624.84	A-3	5050	629.92	24.80	57.15	125.41	152.40	—	114.30	38.10	106.59	PHP 5-8V2480TB
		756.92	A-3	5050	762.00	30.00	57.15	125.41	152.40	—	114.30	38.10	122.92	PHP 5-8V3000TB
		896.62	A-3	5050	901.70	35.50	57.15	125.41	152.40	—	114.30	38.10	147.42	PHP 5-8V3550TB
		1010.92	A-3	5050	1016.00	40.00	69.85	127.00	152.40	—	127.00	25.40	158.76	PHP 5-8V4000TB
		1125.22	A-3	5050	1130.30	44.50	69.85	127.00	152.40	—	127.00	25.40	186.43	PHP 5-8V4450TB
		1341.12	A-3	5050	1346.20	53.00	69.85	127.00	152.40	—	127.00	25.40	256.28	PHP 5-8V5300TB
8V	6	312.42	A-1	4040	317.50	12.50	57.15	125.41	155.58	12.70	114.30	53.98	47.63	PHP 6-8V1250TB
		330.20	A-1	4040	335.28	13.20	57.15	125.41	155.58	12.70	114.30	53.98	56.70	PHP 6-8V1320TB
		350.52	A-1	4545	355.60	14.00	57.15	125.41	155.58	12.70	114.30	53.98	65.77	PHP 6-8V1400TB
		375.92	A-1	4545	381.00	15.00	57.15	125.41	155.58	12.70	114.30	53.98	77.11	PHP 6-8V1500TB
		401.32	A-2	4545	406.40	16.00	57.15	125.41	155.58	12.70	114.30	53.98	65.77	PHP 6-8V1600TB
		426.72	A-2	4545	431.80	17.00	57.15	125.41	155.58	12.70	114.30	53.98	68.04	PHP 6-8V1700TB
		452.12	A-2	4545	457.20	18.00	57.15	125.41	155.58	12.70	114.30	53.98	72.57	PHP 6-8V1800TB
		477.52	A-2	4545	482.60	19.00	57.15	125.41	155.58	12.70	114.30	53.98	83.91	PHP 6-8V1900TB
		502.92	A-2	5050	508.00	20.00	57.15	125.41	155.58	12.70	114.30	53.98	90.72	PHP 6-8V2000TB
		533.40	A-3	5050	538.48	21.20	57.15	125.41	155.58	12.70	114.30	53.98	77.11	PHP 6-8V2120TB
		563.88	A-3	5050	568.96	22.40	57.15	125.41	155.58	12.70	114.30	53.98	81.65	PHP 6-8V2240TB
		624.84	A-3	5050	629.92	24.80	57.15	125.41	155.58	12.70	114.30	53.98	107.95	PHP 6-8V2480TB
		756.92	A-3	5050	762.00	30.00	69.85	127.00	155.58	12.70	127.00	41.28	129.27	PHP 6-8V3000TB
		896.62	A-3	5050	901.70	35.50	69.85	127.00	155.58	12.70	127.00	41.28	152.41	PHP 6-8V3550TB
		1010.92	A-3	5050	1016.00	40.00	69.85	127.00	155.58	12.70	127.00	41.28	170.10	PHP 6-8V4000TB
		1125.22	A-3	5050	1130.30	44.50	69.85	127.00	155.58	12.70	127.00	41.28	197.77	PHP 6-8V4450TB
		1341.12	A-3	5050	1346.20	53.00	69.85	127.00	155.58	12.70	127.00	41.28	269.89	PHP 6-8V5300TB

¹⁾ Taper bushing needs to conform to coarse thread series (UNC) of the ASME/ANSI standard. To complete designation, add U before bushing number and bore size at the end of designation, e.g. PHF TBU3535X70MM.

²⁾ Mass does not include bushings.

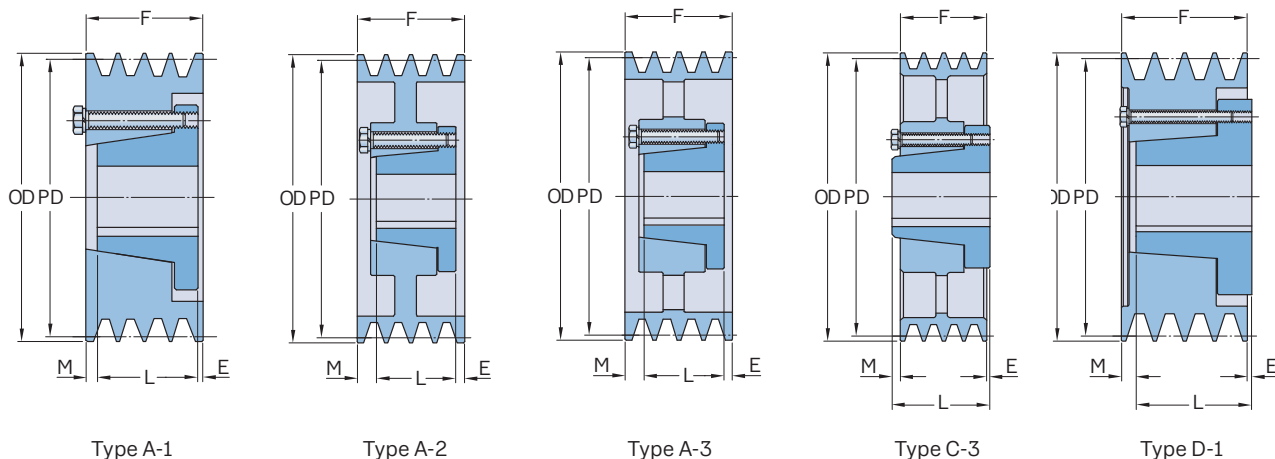
Narrow wedge belt pulleys

8V taper bushed

Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		Outer diameter OD		B Min.	Max.	F	E	L	M	Mass ²⁾	Designation
–	–	mm	–	–	mm	in.									kg	–
8V	8	312.42	A-1	4545	317.50	12.50			57.15	125.41	238.13	38.10	114.30	85.73	56.70	PHP 8-8V1250TB
		330.20	A-1	4545	335.28	13.20			57.15	125.41	238.13	38.10	114.30	85.73	61.23	PHP 8-8V1320TB
		350.52	A-1	4545	355.60	14.00			57.15	125.41	238.13	38.10	114.30	85.73	70.31	PHP 8-8V1400TB
		375.92	A-1	4545	381.00	15.00			57.15	125.41	238.13	38.10	114.30	85.73	81.65	PHP 8-8V1500TB
		401.32	A-1	4545	406.40	16.00			57.15	125.41	238.13	38.10	114.30	85.73	72.57	PHP 8-8V1600TB
		426.72	A-2	5050	431.80	17.00			69.85	127.00	238.13	38.10	127.00	85.73	79.83	PHP 8-8V1700TB
		452.12	A-2	5050	457.20	18.00			69.85	127.00	238.13	25.40	127.00	85.73	86.18	PHP 8-8V1800TB
		477.52	A-2	5050	482.60	19.00			69.85	127.00	238.13	25.40	127.00	85.73	95.25	PHP 8-8V1900TB
		502.92	A-2	5050	508.00	20.00			69.85	127.00	238.13	25.40	127.00	85.73	102.06	PHP 8-8V2000TB
		533.40	A-2	5050	538.48	21.20			69.85	127.00	238.13	25.40	127.00	85.73	111.13	PHP 8-8V2120TB
		563.88	A-3	5050	568.96	22.40			69.85	127.00	238.13	25.40	127.00	85.73	136.08	PHP 8-8V2240TB
		624.84	A-3	5050	629.92	24.80			69.85	127.00	238.13	25.40	127.00	85.73	140.16	PHP 8-8V2480TB
		756.92	A-3	5050	762.00	30.00			69.85	127.00	238.13	25.40	127.00	85.73	142.88	PHP 8-8V3000TB
		896.62	A-3	5050	901.70	35.50			69.85	127.00	238.13	25.40	127.00	85.73	188.24	PHP 8-8V3550TB
		1010.92	A-3	5050	1016.00	40.00			69.85	127.00	238.13	25.40	127.00	85.73	213.19	PHP 8-8V4000TB
		1125.22	A-3	6050	1130.30	44.50			69.85	127.00	238.13	25.40	127.00	85.73	265.35	PHP 8-8V4450TB
		1341.12	A-3	6050	1346.20	53.00			69.85	127.00	238.13	25.40	127.00	85.73	317.51	PHP 8-8V5300TB
8V	10	330.20	A-1	4545	335.28	13.20			57.15	125.41	295.28	25.40	114.30	155.58	68.04	PHP 10-8V1320TB
		350.52	A-1	4545	355.60	14.00			57.15	125.41	295.28	25.40	114.30	155.58	79.38	PHP 10-8V1400TB
		375.92	A-1	5050	381.00	15.00			69.85	127.00	295.28	25.40	127.00	142.88	79.38	PHP 10-8V1500TB
		401.32	A-1	5050	406.40	16.00			69.85	127.00	295.28	25.40	127.00	142.88	99.79	PHP 10-8V1600TB
		426.72	A-2	5050	431.80	17.00			69.85	127.00	295.28	57.15	127.00	111.13	83.91	PHP 10-8V1700TB
		452.12	A-2	5050	457.20	18.00			69.85	127.00	295.28	57.15	127.00	111.13	99.79	PHP 10-8V1800TB
		477.52	A-2	5050	482.60	19.00			69.85	127.00	295.28	57.15	127.00	111.13	108.86	PHP 10-8V1900TB
		502.92	A-2	5050	508.00	20.00			69.85	127.00	295.28	57.15	127.00	111.13	117.93	PHP 10-8V2000TB
		533.40	A-2	5050	538.48	21.20			69.85	127.00	295.28	57.15	127.00	111.13	127.01	PHP 10-8V2120TB
		563.88	A-3	5050	568.96	22.40			69.85	127.00	295.28	57.15	127.00	111.13	151.95	PHP 10-8V2240TB
		624.84	A-3	5050	629.92	24.80			69.85	127.00	295.28	57.15	127.00	111.13	162.39	PHP 10-8V2480TB
		756.92	A-3	5050	762.00	30.00			69.85	127.00	295.28	57.15	127.00	111.13	167.83	PHP 10-8V3000TB
		896.62	A-3	5050	901.70	35.50			69.85	127.00	295.28	57.15	127.00	111.13	217.72	PHP 10-8V3550TB
		1010.92	A-3	6050	1016.00	40.00			69.85	127.00	295.28	57.15	127.00	111.13	249.48	PHP 10-8V4000TB
		1125.22	A-3	6050	1130.30	44.50			69.85	127.00	295.28	57.15	127.00	111.13	306.17	PHP 10-8V4450TB
		1341.12	A-3	6050	1346.20	53.00			69.85	127.00	295.28	57.15	127.00	111.13	394.63	PHP 10-8V5300TB

¹⁾ Taper bushing needs to conform to coarse thread series (UNC) of the ASME/ANSI standard. To complete designation, add U before bushing number and bore size at the end of designation, e.g. PHF TBU3535X70MM.
²⁾ Mass does not include bushings.

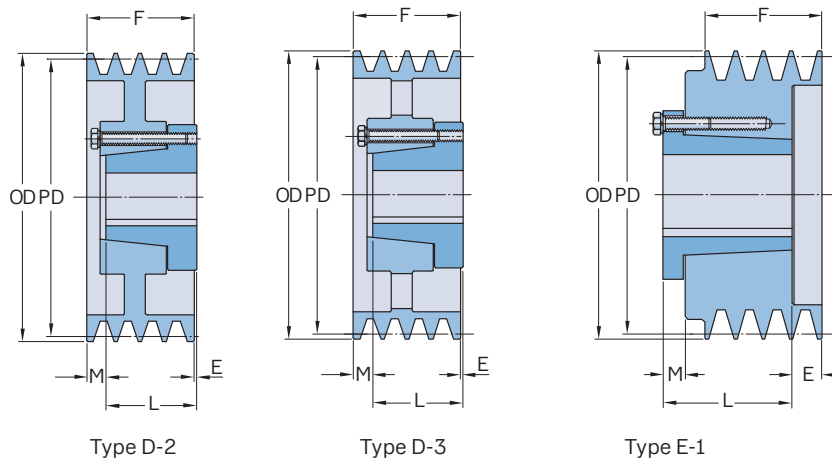
Narrow wedge belt pulleys 3V QD bushed



Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		Outer diameter OD		Bore Min.	Max.	E	F	L	M	Mass ¹⁾	Designation
–	–	mm	–	–	mm	in.	mm	in.	mm	mm	mm	mm	mm	mm	kg	–
3V	1	54.61	E-1	JA	55.88	2.20	12.70	31.75	12.70	31.75	15.88	17.46	25.40	24	0.2	PHP 1-3V220-JA
		58.42	E-1	JA	59.69	2.35	12.70	31.75	12.70	31.75	15.08	17.46	25.40	23	0.2	PHP 1-3V235-JA
		62.23	E-1	JA	63.50	2.50	12.70	31.75	12.70	31.75	15.08	17.46	25.40	23	0.2	PHP 1-3V250-JA
		66.04	D-1	JA	67.31	2.65	12.70	31.75	12.70	31.75	9.53	17.46	25.40	2	0.3	PHP 1-3V265-JA
		69.85	D-1	JA	71.12	2.80	12.70	31.75	12.70	31.75	9.53	17.46	25.40	2	0.3	PHP 1-3V280-JA
		74.93	D-1	JA	76.20	3.00	12.70	31.75	12.70	31.75	9.53	17.46	25.40	2	0.4	PHP 1-3V300-JA
		78.74	D-1	JA	80.01	3.15	12.70	31.75	12.70	31.75	9.53	17.46	25.40	2	0.4	PHP 1-3V315-JA
		83.82	D-1	SH	85.09	3.35	12.70	31.75	12.70	31.75	9.53	17.46	25.40	2	0.5	PHP 1-3V335-JA
		91.44	D-1	SH	92.71	3.65	12.70	41.28	12.70	41.28	16.67	17.46	33.34	1	0.6	PHP 1-3V365-SH
		103.38	D-1	SH	104.65	4.12	12.70	41.28	12.70	41.28	16.67	17.46	33.34	1	0.8	PHP 1-3V412-SH
		113.03	D-1	SH	114.30	4.50	12.70	41.28	12.70	41.28	16.67	17.46	33.34	1	1.0	PHP 1-3V450-SH
		119.38	D-1	SH	120.65	4.75	12.70	41.28	12.70	41.28	16.67	17.46	33.34	1	1.1	PHP 1-3V475-SH
		125.73	D-1	SH	127.00	5.00	12.70	41.28	12.70	41.28	16.67	17.46	33.34	1	1.2	PHP 1-3V500-SH
		133.35	D-1	SH	134.62	5.30	12.70	41.28	12.70	41.28	16.67	17.46	33.34	1	1.3	PHP 1-3V530-SH
		140.97	D-2	SH	142.24	5.60	12.70	41.28	12.70	41.28	16.67	17.46	33.34	1	1.4	PHP 1-3V560-SH
		151.13	D-2	SH	152.40	6.00	12.70	41.28	12.70	41.28	16.67	17.46	33.34	1	1.5	PHP 1-3V600-SH
		163.83	D-2	SH	165.10	6.50	12.70	41.28	12.70	41.28	16.67	17.46	33.34	1	1.9	PHP 1-3V650-SH
		173.99	D-3	SH	175.26	6.90	12.70	41.28	12.70	41.28	16.67	17.46	33.34	1	2.0	PHP 1-3V690-SH
		201.93	D-3	SDS	203.20	8.00	12.70	50.80	12.70	50.80	16.67	17.46	33.34	1	2.6	PHP 1-3V800-SDS
		267.97	D-3	SDS	269.24	10.60	12.70	50.80	12.70	50.80	16.67	17.46	33.34	1	3.6	PHP 1-3V1060-SDS
		354.33	C-3	SK	355.60	14.00	12.70	66.68	12.70	66.68	19.84	17.46	33.34	12	6.7	PHP 1-3V1400-SK
		481.33	C-3	SK	482.60	19.00	12.70	66.68	12.70	66.68	19.84	17.46	33.34	12	10.9	PHP 1-3V1900-SK
3V	2	54.61	E-1	JA	55.88	2.20	12.70	31.75	12.70	31.75	8.73	27.78	25.40	24	0.3	PHP 2-3V220-JA
		58.42	E-1	JA	59.69	2.35	12.70	31.75	12.70	31.75	25.40	27.78	25.40	23	0.3	PHP 2-3V235-JA
		62.23	E-1	JA	63.50	2.50	12.70	31.75	12.70	31.75	25.40	27.78	25.40	23	0.3	PHP 2-3V250-JA
		66.04	D-1	JA	67.31	2.65	12.70	31.75	12.70	31.75	9.53	27.78	25.40	12	0.4	PHP 2-3V265-JA
		69.85	D-1	JA	71.12	2.80	12.70	31.75	12.70	31.75	9.53	27.78	25.40	12	0.4	PHP 2-3V280-JA
		74.93	D-1	JA	76.20	3.00	12.70	31.75	12.70	31.75	9.53	27.78	25.40	12	0.5	PHP 2-3V300-JA
		78.74	D-1	JA	80.01	3.15	12.70	31.75	12.70	31.75	9.53	27.78	25.40	12	0.5	PHP 2-3V315-JA
		83.82	D-1	SH	85.09	3.35	12.70	41.28	12.70	41.28	13.49	27.78	33.34	8	0.6	PHP 2-3V335-SH
		91.44	D-1	SH	92.71	3.65	12.70	41.28	12.70	41.28	13.49	27.78	33.34	8	0.7	PHP 2-3V365-SH
		103.38	D-1	SH	104.65	4.12	12.70	41.28	12.70	41.28	8.73	27.78	33.34	3	1.0	PHP 2-3V412-SH
		113.03	D-1	SH	114.30	4.50	12.70	41.28	12.70	41.28	8.73	27.78	33.34	3	1.2	PHP 2-3V450-SH
		119.38	D-1	SH	120.65	4.75	12.70	41.28	12.70	41.28	8.73	27.78	33.34	3	1.4	PHP 2-3V475-SH
		125.73	D-1	SH	127.00	5.00	12.70	41.28	12.70	41.28	8.73	27.78	33.34	3	1.5	PHP 2-3V500-SH
		133.35	D-1	SH	134.62	5.30	12.70	41.28	12.70	41.28	8.73	27.78	33.34	3	1.8	PHP 2-3V530-SH
		140.97	D-2	SH	142.24	5.60	12.70	41.28	12.70	41.28	8.73	27.78	33.34	3	1.8	PHP 2-3V560-SH
		151.13	D-2	SH	152.40	6.00	12.70	41.28	12.70	41.28	8.73	27.78	33.34	3	2.0	PHP 2-3V600-SH
		163.83	D-2	SDS	165.10	6.50	12.70	50.80	12.70	50.80	8.73	27.78	33.34	3	2.7	PHP 2-3V650-SDS
		173.99	D-2	SDS	175.26	6.90	12.70	50.80	12.70	50.80	8.73	27.78	33.34	3	3.4	PHP 2-3V690-SDS
		201.93	D-3	SDS	203.20	8.00	12.70	50.80	12.70	50.80	8.73	27.78	33.34	3	3.9	PHP 2-3V800-SDS
		267.97	C-3	SK	269.24	10.60	12.70	66.68	12.70	66.68	13.49	27.78	33.34	8	5.7	PHP 2-3V1060-SK
		354.33	C-3	SK	355.60	14.00	12.70	66.68	12.70	66.68	13.49	27.78	33.34	8	8.9	PHP 2-3V1400-SK
		481.33	C-3	SK	482.60	19.00	12.70	66.68	12.70	66.68	13.49	27.78	33.34	8	12.3	PHP 2-3V1900-SK
		633.73	C-3	SF	635.00	25.00	12.70	74.61	12.70	74.61	15.08	27.78	52.39	10	17.2	PHP 2-3V2500-SF
3V	3	62.23	E-1	JA	63.50	2.50	12.70	31.75	12.70	31.75	35.72	38.10	25.40	23	0.4	PHP 3-3V250-JA
		66.04	D-1	JA	67.31	2.65	12.70	31.75	12.70	31.75	9.53	38.10	25.40	22	0.5	PHP 3-3V265-JA
		69.85	D-1	JA	71.12	2.80	12.70	31.75	12.70	31.75	9.53	38.10	25.40	22	0.6	PHP 3-3V280-JA
		74.93	E-1	SH	76.20	3.00	12.70	41.28	12.70	41.28	29.37	38.10	33.34	25	0.8	PHP 3-3V300-SH
		78.74	E-1	SH	80.01	3.15	12.70	41.28	12.70	41.28	29.37	38.10	33.34	25	0.8	PHP 3-3V315-SH
		83.82	D-1	SH	85.09	3.35	12.70	41.28	12.70	41.28	13.49	38.10	33.34	18	0.9	PHP 3-3V335-SH
		91.44	D-1	SH	92.71	3.65	12.70	41.28	12.70	41.28	13.49	38.10	33.34	18	1.0	PHP 3-3V365-SH
		103.38	A-1	SH	104.65	4.12	12.70	41.28	12.70	41.28	0.79	38.10	33.34	4	1.3	PHP 3-3V412-SH

¹⁾ Mass does not include bushings.

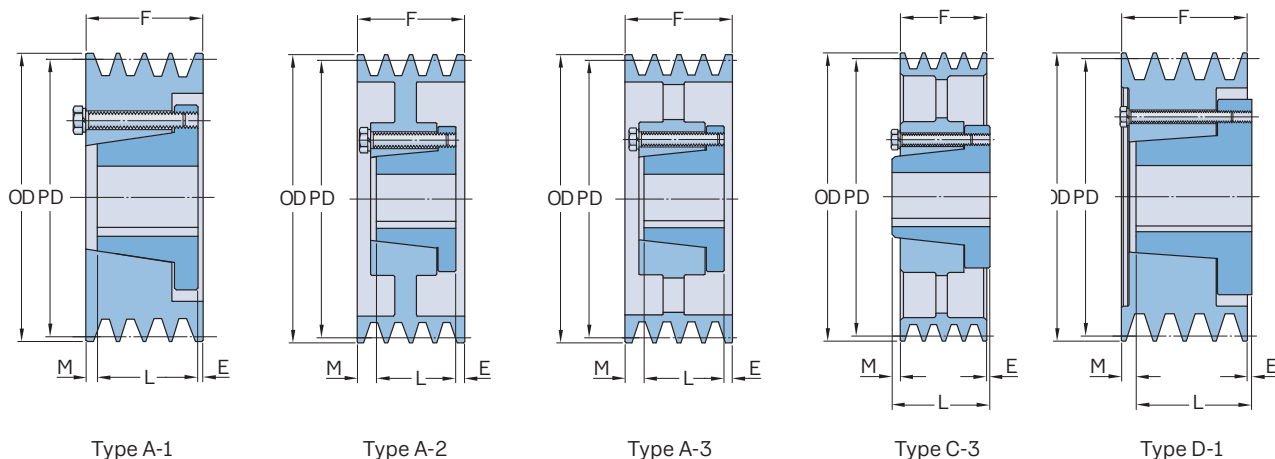
Narrow wedge belt pulleys 3V QD bushed



Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		B Min.	B Max.	F	E	L	M	Mass ²⁾	Designation
–	–	mm	–	–	mm	in.							kg	–
3V	3	113.03	A-1	SDS	114.30	4.50	12.70	50.80	0.79	38.10	33.34	4	1.6	PHP 3-3V450-SDS
		119.38	A-1	SDS	120.65	4.75	12.70	50.80	0.79	38.10	33.34	4	1.8	PHP 3-3V475-SDS
		125.73	A-1	SDS	127.00	5.00	12.70	50.80	0.79	38.10	33.34	4	2.0	PHP 3-3V500-SDS
		133.35	A-1	SDS	134.62	5.30	12.70	50.80	0.79	38.10	33.34	4	2.4	PHP 3-3V530-SDS
		140.97	A-1	SDS	142.24	5.60	12.70	50.80	0.79	38.10	33.34	4	2.7	PHP 3-3V560-SDS
		151.13	A-2	SDS	152.40	6.00	12.70	50.80	0.79	38.10	33.34	4	3.2	PHP 3-3V600-SDS
		163.83	A-2	SDS	165.10	6.50	12.70	50.80	0.79	38.10	33.34	4	3.7	PHP 3-3V650-SDS
		173.99	A-2	SDS	175.26	6.90	12.70	50.80	0.79	38.10	33.34	4	4.0	PHP 3-3V690-SDS
		201.93	D-2	SK	203.20	8.00	12.70	66.68	13.49	38.10	33.34	2	5.1	PHP 3-3V800-SK
		267.97	D-3	SK	269.24	10.60	12.70	66.68	13.49	38.10	33.34	2	6.4	PHP 3-3V1060-SK
		354.33	D-3	SK	355.60	14.00	12.70	66.68	13.49	38.10	33.34	2	9.8	PHP 3-3V1400-SK
		405.13	D-3	SK	406.40	16.00	12.70	66.68	13.49	38.10	33.34	2	11.4	PHP 3-3V1600-SK
		481.33	D-3	SF	482.60	19.00	12.70	74.61	15.08	38.10	52.39	1	14.6	PHP 3-3V1900-SF
		633.73	D-3	SF	635.00	25.00	12.70	74.61	15.08	38.10	52.39	1	22.7	PHP 3-3V2500-SF
		849.63	D-3	SF	850.90	33.50	22.23	88.90	15.08	38.10	52.39	1	35.4	PHP 3-3V3350-SF
		66.04	D-1	JA	67.31	2.65	12.70	31.75	9.53	48.42	25.40	15	0.6	PHP 4-3V265-JA
		69.85	D-1	JA	71.12	2.80	12.70	31.75	9.53	48.42	25.40	15	0.8	PHP 4-3V280-JA
		74.93	E-1	SH	76.20	3.00	12.70	41.28	12.70	48.42	33.34	23	0.9	PHP 4-3V300-SH
		78.74	E-1	SH	80.01	3.15	12.70	41.28	12.70	48.42	33.34	23	1.0	PHP 4-3V315-SH
		83.82	D-1	SH	85.09	3.35	12.70	41.28	13.49	48.42	33.34	29	1.0	PHP 4-3V335-SH
		91.44	D-1	SH	92.71	3.65	12.70	41.28	13.49	48.42	33.34	29	1.3	PHP 4-3V365-SH
		103.38	A-1	SH	104.65	4.12	12.70	41.28	3.97	48.42	33.34	11	1.5	PHP 4-3V412-SH
		113.03	A-1	SDS	114.30	4.50	12.70	50.80	3.97	48.42	33.34	11	1.8	PHP 4-3V450-SDS
		119.38	A-1	SDS	120.65	4.75	12.70	50.80	3.97	48.42	33.34	11	2.1	PHP 4-3V475-SDS
		125.73	A-1	SDS	127.00	5.00	12.70	50.80	3.97	48.42	33.34	11	2.4	PHP 4-3V500-SDS
		133.35	A-1	SDS	134.62	5.30	12.70	50.80	3.97	48.42	33.34	11	2.6	PHP 4-3V530-SDS
		140.97	A-1	SDS	142.24	5.60	12.70	50.80	3.97	48.42	33.34	11	3.1	PHP 4-3V560-SDS
		151.13	D-1	SK	152.40	6.00	12.70	66.68	3.97	48.42	33.34	3	3.8	PHP 4-3V600-SK
		163.83	D-1	SK	165.10	6.50	12.70	66.68	3.97	48.42	33.34	3	4.5	PHP 4-3V650-SK
		173.99	D-1	SK	175.26	6.90	12.70	66.68	3.97	48.42	33.34	3	5.4	PHP 4-3V690-SK
3V	4	201.93	D-2	SK	203.20	8.00	12.70	66.68	3.97	48.42	33.34	3	5.9	PHP 4-3V800-SK
		267.97	D-3	SK	269.24	10.60	12.70	66.68	3.97	48.42	33.34	3	7.5	PHP 4-3V1060-SK
		354.33	D-3	SK	355.60	14.00	12.70	66.68	3.97	48.42	33.34	3	10.2	PHP 4-3V1400-SK
		405.13	D-3	SK	406.40	16.00	12.70	66.68	3.97	48.42	33.34	3	12.6	PHP 4-3V1600-SK
		481.33	D-3	SF	482.60	19.00	12.70	74.61	5.56	48.42	52.39	2	15.9	PHP 4-3V1900-SF
		633.73	D-3	SF	635.00	25.00	12.70	74.61	5.56	48.42	52.39	2	25.9	PHP 4-3V2500-SF
		849.63	C-3	E	850.90	33.50	22.23	88.90	16.67	48.42	69.85	5	38.1	PHP 4-3V3350-E
		119.38	A-1	SDS	120.65	4.75	12.70	50.80	3.97	58.74	49.21	21	2.3	PHP 5-3V475-SDS
		125.73	A-1	SDS	127.00	5.00	12.70	50.80	3.97	58.74	49.21	21	2.6	PHP 5-3V500-SDS
		133.35	A-1	SK	134.62	5.30	12.70	66.68	3.97	58.74	49.21	6	3.0	PHP 5-3V530-SK
		140.97	A-1	SK	142.24	5.60	12.70	66.68	3.97	58.74	49.21	6	3.4	PHP 5-3V560-SK
		151.13	A-1	SK	152.40	6.00	12.70	66.68	3.97	58.74	49.21	6	4.0	PHP 5-3V600-SK
		163.83	A-2	SK	165.10	6.50	12.70	66.68	3.97	58.74	49.21	6	4.8	PHP 5-3V650-SK
		173.99	A-2	SK	175.26	6.90	12.70	66.68	3.97	58.74	49.21	6	5.8	PHP 5-3V690-SK
		201.93	A-2	SK	203.20	8.00	12.70	66.68	3.97	58.74	49.21	6	6.3	PHP 5-3V800-SK
		267.97	A-3	SK	269.24	10.60	12.70	66.68	3.97	58.74	49.21	6	7.7	PHP 5-3V1060-SK
		354.33	A-3	SF	355.60	14.00	12.70	74.61	0.79	58.74	74.61	6	11.8	PHP 5-3V1400-SF
		481.33	A-3	SF	482.60	19.00	12.70	74.61	0.79	58.74	74.61	6	18.6	PHP 5-3V1900-SF
		633.73	D-3	E	635.00	25.00	22.23	88.90	13.49	58.74	69.85	2	28.6	PHP 5-3V2500-E
		849.63	D-3	E	850.90	33.50	22.23	88.90	13.49	58.74	69.85	2	43.1	PHP 5-3V3350-E
3V	6	119.38	D-1	SK	120.65	4.75	12.70	66.68	16.67	69.06	49.21	37	2.7	PHP 6-3V475-SK
		125.73	D-1	SK	127.00	5.00	12.70	66.68	16.67	69.06	49.21	37	2.9	PHP 6-3V500-SK
		133.35	A-1	SK	134.62	5.30	12.70	66.68	13.49	69.06	49.21	6	3.1	PHP 6-3V530-SK

¹⁾ Mass does not include bushings.

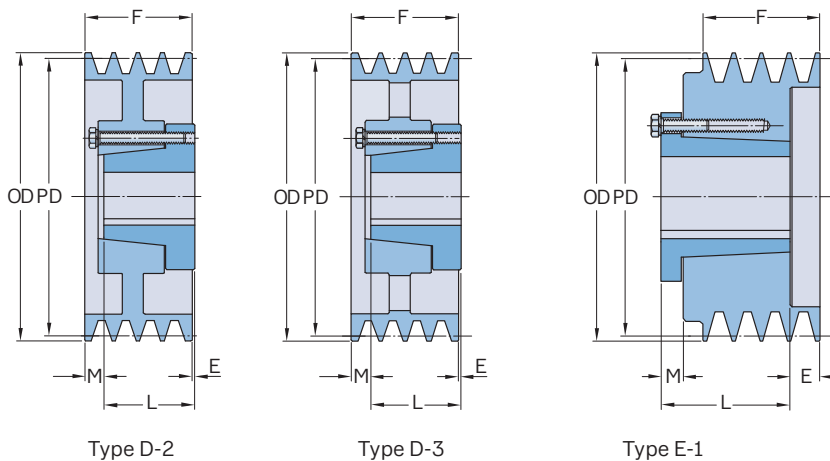
Narrow wedge belt pulleys
3V QD bushed | 5V QD bushed



Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		Bore Min.	Max.	E	F	L	M	Mass ¹⁾	Designation
		mm			mm	in.							kg	
3V	6	140.97	A-1	SK	142.24	5.60	12.70	66.68	13.49	69.06	49.21	6	3.9	PHP 6-3V560-SK
		151.13	A-1	SK	152.40	6.00	12.70	66.68	13.49	69.06	49.21	6	4.5	PHP 6-3V600-SK
		163.83	A-1	SK	165.10	6.50	12.70	66.68	13.49	69.06	49.21	6	5.2	PHP 6-3V650-SK
		173.99	A-1	SK	175.26	6.90	12.70	66.68	13.49	69.06	49.21	6	6.1	PHP 6-3V690-SK
		201.93	A-2	SK	203.20	8.00	12.70	74.61	2.38	69.06	49.21	17	6.8	PHP 6-3V800-SK
		267.97	A-3	SF	269.24	10.60	12.70	74.61	0.79	69.06	74.61	16	10.3	PHP 6-3V1060-SF
		354.33	A-3	SF	355.60	14.00	22.23	88.90	0.79	69.06	74.61	16	13.4	PHP 6-3V1400-SF
		481.33	D-3	E	482.60	19.00	22.23	88.90	3.97	69.06	69.85	3	20.0	PHP 6-3V1900-E
		633.73	D-3	E	635.00	25.00	22.23	88.90	3.97	69.06	69.85	3	29.5	PHP 6-3V2500-E
		849.63	D-3	E	850.90	33.50	22.23	88.90	3.97	69.06	69.85	3	45.8	PHP 6-3V3350-E
	8	119.38	D-1	SK	120.65	4.75	12.70	66.68	16.67	89.69	49.21	57	3.3	PHP 8-3V475-SK
		125.73	D-1	SK	127.00	5.00	12.70	66.68	16.67	89.69	49.21	57	3.5	PHP 8-3V500-SK
		133.35	A-1	SK	134.62	5.30	12.70	66.68	13.49	89.69	49.21	27	4.2	PHP 8-3V530-SK
		140.97	A-1	SK	142.24	5.60	12.70	66.68	13.49	89.69	49.21	27	4.8	PHP 8-3V560-SK
		151.13	A-1	SK	152.40	6.00	12.70	66.68	13.49	89.69	49.21	27	5.7	PHP 8-3V600-SK
		163.83	A-1	SK	165.10	6.50	12.70	66.68	13.49	89.69	49.21	27	7.3	PHP 8-3V650-SK
		173.99	A-1	SK	175.26	6.90	12.70	66.68	13.49	89.69	49.21	27	8.2	PHP 8-3V690-SK
		201.93	A-1	SF	203.20	8.00	12.70	74.61	7.14	89.69	74.61	21	9.5	PHP 8-3V800-SF
		267.97	A-2	SF	269.24	10.60	12.70	74.61	7.14	89.69	74.61	21	11.6	PHP 8-3V1060-SF
		354.33	A-3	E	355.60	14.00	22.23	88.90	2.38	89.69	69.85	17	17.5	PHP 8-3V1400-E
3V	10	481.33	A-3	E	482.60	19.00	22.23	88.90	2.38	89.69	69.85	17	24.5	PHP 8-3V1900-E
		633.73	A-3	E	635.00	25.00	22.23	88.90	2.38	89.69	69.85	17	36.3	PHP 8-3V2500-E
		849.63	D-3	F	850.90	33.50	25.40	101.60	7.14	89.69	95.25	17	14.5	PHP 8-3V3350-F
		119.38	D-1	SK	120.65	4.75	12.70	66.68	16.67	110.33	49.21	78	3.8	PHP 10-3V475-SK
		125.73	D-1	SK	127.00	5.00	12.70	66.68	16.67	110.33	49.21	78	4.3	PHP 10-3V500-SK
		133.35	A-1	SK	134.62	5.30	12.70	66.68	16.67	110.33	49.21	44	4.6	PHP 10-3V530-SK
		140.97	A-1	SK	142.24	5.60	12.70	66.68	16.67	110.33	49.21	44	5.2	PHP 10-3V560-SK
		151.13	A-1	SK	152.40	6.00	12.70	66.68	16.67	110.33	49.21	44	6.6	PHP 10-3V600-SK
		163.83	A-1	SK	165.10	6.50	12.70	66.68	16.67	110.33	49.21	44	7.9	PHP 10-3V650-SK
		173.99	A-1	SK	175.26	6.90	12.70	66.68	16.67	110.33	49.21	44	9.1	PHP 10-3V690-SK
	2	201.93	A-1	SF	203.20	8.00	12.70	74.61	16.67	110.33	52.39	41	10.9	PHP 10-3V800-SF
		267.97	A-2	E	269.24	10.60	22.23	88.90	2.38	110.33	52.39	38	13.7	PHP 10-3V1060-E
		354.33	A-3	E	355.60	14.00	22.23	88.90	2.38	110.33	52.39	38	19.4	PHP 10-3V1400-E
		481.33	A-3	E	482.60	19.00	22.23	88.90	2.38	110.33	52.39	38	29.0	PHP 10-3V1900-E
		633.73	D-3	F	635.00	25.00	25.40	101.60	0.79	110.33	95.25	16	44.9	PHP 10-3V2500-F
		849.63	D-3	F	850.90	33.50	25.40	101.60	0.79	110.33	120.65	16	71.7	PHP 10-3V3350-F
		109.22	D-1	SH	111.76	4.40	12.70	41.28	8.73	42.86	33.34	18	2.6	PHP 2-5V440-SH
		115.57	E-1	SDS	118.11	4.65	12.70	50.80	21.43	42.86	33.34	12	3.0	PHP 2-5V465-SDS
		121.92	A-1	SDS	124.46	4.90	12.70	50.80	0.79	42.86	33.34	9	3.1	PHP 2-5V490-SDS
		129.54	A-1	SDS	132.08	5.20	12.70	50.80	0.79	42.86	33.34	9	3.2	PHP 2-5V520-SDS
5V	2	137.16	A-1	SDS	139.70	5.50	12.70	50.80	0.79	42.86	33.34	9	3.3	PHP 2-5V550-SDS
		147.32	A-1	SDS	149.86	5.90	12.70	50.80	0.79	42.86	33.34	9	3.5	PHP 2-5V590-SDS
		157.48	D-1	SK	160.02	6.30	12.70	66.68	8.73	42.86	49.21	2	4.3	PHP 2-5V630-SK
		167.64	D-1	SK	170.18	6.70	12.70	66.68	8.73	42.86	49.21	2	4.8	PHP 2-5V670-SK
		177.80	D-1	SK	180.34	7.10	12.70	66.68	8.73	42.86	49.21	2	5.2	PHP 2-5V710-SK
		187.96	D-1	SK	190.50	7.50	12.70	66.68	8.73	42.86	49.21	2	5.7	PHP 2-5V750-SK
		200.66	D-2	SK	203.20	8.00	12.70	66.68	8.73	42.86	49.21	2	5.9	PHP 2-5V800-SK
		213.36	D-2	SK	215.90	8.50	12.70	66.68	8.73	42.86	49.21	2	6.4	PHP 2-5V850-SK
		226.06	D-3	SK	228.60	9.00	12.70	66.68	8.73	42.86	33.34	2	6.9	PHP 2-5V900-SK
		232.41	D-3	SK	234.95	9.25	12.70	66.68	8.73	42.86	33.34	2	6.9	PHP 2-5V925-SK
	3	245.11	D-3	SK	247.65	9.75	12.70	66.68	8.73	42.86	49.21	2	7.0	PHP 2-5V975-SK
		259.08	D-3	SK	261.62	10.30	12.70	66.68	8.73	42.86	49.21	2	7.0	PHP 2-5V1030-SK
		274.32	D-3	SK	276.86	10.90	12.70	66.68	8.73	42.86	49.21	2	7.5	PHP 2-5V1090-SK

¹⁾ Mass does not include bushings.

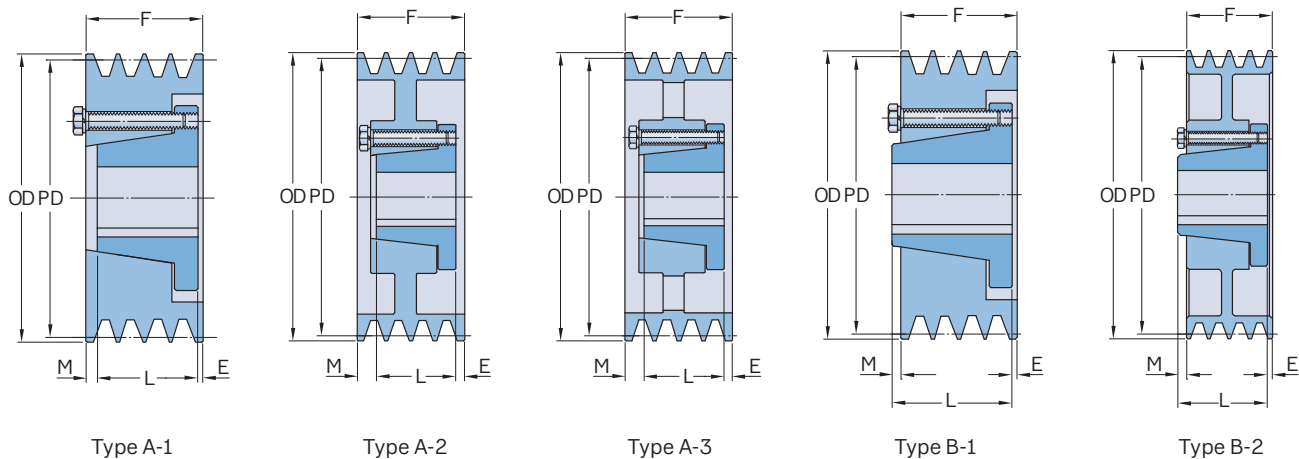
Narrow wedge belt pulleys 5V QD bushed



Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions								Mass ²⁾	Designation
					Outer diameter OD		B Min.	B Max.	F	E	L	M		
–	–	mm	–	–	mm	in.							kg	–
5V	2	284.48	D-3	SK	287.02	11.30	12.70	66.68	8.73	42.86	49.21	2	8.1	PHP 2-5V1130-SK
		297.18	D-3	SK	299.72	11.80	12.70	66.68	8.73	42.86	49.21	2	8.6	PHP 2-5V1180-SK
		314.96	D-3	SF	317.50	12.50	12.70	74.61	10.32	42.86	52.39	1	9.5	PHP 2-5V1250-SF
		332.74	D-3	SF	335.28	13.20	12.70	74.61	10.32	42.86	52.39	1	10.3	PHP 2-5V1320-SF
		353.06	D-3	SF	355.60	14.00	12.70	74.61	10.32	42.86	52.39	1	11.5	PHP 2-5V1400-SF
		378.46	D-3	SF	381.00	15.00	12.70	74.61	10.32	42.86	52.39	1	12.4	PHP 2-5V1500-SF
		403.86	D-3	SF	406.40	16.00	12.70	74.61	10.32	42.86	52.39	1	13.2	PHP 2-5V1600-SF
		472.44	D-3	SF	474.98	18.70	12.70	74.61	10.32	42.86	52.39	1	16.3	PHP 2-5V1870-SF
		535.94	D-3	SF	538.48	21.20	12.70	74.61	10.32	42.86	26.99	1	19.5	PHP 2-5V2120-SF
		596.90	C-3	E	599.44	23.60	22.23	88.90	23.02	42.86	69.85	4	25.0	PHP 2-5V2360-E
	708.66	C-3	E	711.20	28.00	22.23	88.90	23.02	42.86	69.85	4	30.4	PHP 2-5V2800-E	
	115.57	E-1	SDS	118.11	4.65	12.70	50.80	43.66	60.33	33.34	17	3.5	PHP 3-5V465-SDS	
	121.92	A-1	SDS	124.46	4.90	12.70	50.80	10.32	60.33	33.34	17	3.5	PHP 3-5V490-SDS	
	129.54	A-1	SDS	132.08	5.20	12.70	50.80	10.32	60.33	33.34	17	3.6	PHP 3-5V520-SDS	
137.16	A-1	SDS	139.70	5.50	12.70	50.80	10.32	60.33	33.34	17	3.7	PHP 3-5V550-SDS		
147.32	A-1	SDS	149.86	5.90	12.70	50.80	10.32	60.33	33.34	17	3.9	PHP 3-5V590-SDS		
157.48	A-1	SK	160.02	6.30	12.70	66.68	7.14	60.33	49.21	4	4.7	PHP 3-5V630-SK		
167.64	A-1	SK	170.18	6.70	12.70	66.68	7.14	60.33	49.21	4	5.3	PHP 3-5V670-SK		
177.80	A-1	SF	180.34	7.10	12.70	74.61	3.97	60.33	52.39	4	5.8	PHP 3-5V710-SF		
187.96	A-1	SF	190.50	7.50	12.70	74.61	3.97	60.33	52.39	4	6.8	PHP 3-5V750-SF		
200.66	A-1	SF	203.20	8.00	12.70	74.61	3.97	60.33	52.39	4	7.5	PHP 3-5V800-SF		
213.36	A-3	SF	215.90	8.50	12.70	74.61	3.97	60.33	52.39	4	8.2	PHP 3-5V850-SF		
226.06	A-3	SF	228.60	9.00	12.70	74.61	3.97	60.33	52.39	4	9.0	PHP 3-5V900-SF		
232.41	A-3	SF	234.95	9.25	12.70	74.61	3.97	60.33	52.39	4	9.4	PHP 3-5V925-SF		
245.11	A-3	SF	247.65	9.75	12.70	74.61	3.97	60.33	52.39	4	10.3	PHP 3-5V975-SF		
259.08	A-3	SF	261.62	10.30	12.70	74.61	3.97	60.33	52.39	4	11.2	PHP 3-5V1030-SF		
274.32	A-3	SF	276.86	10.90	12.70	74.61	3.97	60.33	52.39	4	12.1	PHP 3-5V1090-SF		
284.48	A-3	SF	287.02	11.30	12.70	74.61	3.97	60.33	52.39	4	12.8	PHP 3-5V1130-SF		
297.18	D-3	SF	299.72	11.80	12.70	74.61	3.97	60.33	52.39	4	13.5	PHP 3-5V1180-SF		
314.96	D-3	E	317.50	12.50	22.23	88.90	10.32	60.33	69.85	1	15.4	PHP 3-5V1250-E		
332.74	D-3	E	335.28	13.20	22.23	88.90	10.32	60.33	69.85	1	15.9	PHP 3-5V1320-E		
353.06	D-3	E	355.60	14.00	22.23	88.90	10.32	60.33	69.85	1	16.8	PHP 3-5V1400-E		
378.46	D-3	E	381.00	15.00	22.23	88.90	10.32	60.33	69.85	1	17.2	PHP 3-5V1500-E		
403.86	D-3	E	406.40	16.00	22.23	88.90	10.32	60.33	69.85	1	17.8	PHP 3-5V1600-E		
472.44	D-3	E	474.98	18.70	22.23	88.90	10.32	60.33	69.85	1	21.4	PHP 3-5V1870-E		
535.94	D-3	E	538.48	21.20	22.23	88.90	10.32	60.33	69.85	1	25.0	PHP 3-5V2120-E		
596.90	D-3	E	599.44	23.60	22.23	88.90	10.32	60.33	69.85	1	31.8	PHP 3-5V2360-E		
708.66	D-3	E	711.20	28.00	22.23	88.90	10.32	60.33	69.85	1	39.2	PHP 3-5V2800-E		
797.56	C-3	F	800.10	31.50	25.40	101.60	19.84	60.33	95.25	15	52.6	PHP 3-5V3150-F		
949.96	C-3	F	952.50	37.50	25.40	101.60	19.84	60.33	95.25	15	64.0	PHP 3-5V3750-F		
1267.46	C-3	F	1270.00	50.00	25.40	101.60	19.84	60.33	95.25	15	95.7	PHP 3-5V5000-F		
115.57	E-1	SD	118.11	4.65	12.70	50.80	48.42	77.79	46.04	17	3.6	PHP 4-5V465-SD		
121.92	A-1	SD	124.46	4.90	12.70	50.80	16.67	77.79	46.04	15	3.9	PHP 4-5V490-SD		
129.54	A-1	SD	132.08	5.20	12.70	50.80	16.67	77.79	46.04	15	4.0	PHP 4-5V520-SD		
137.16	A-1	SD	139.70	5.50	12.70	50.80	16.67	77.79	46.04	15	4.2	PHP 4-5V550-SD		
147.32	A-1	SD	149.86	5.90	12.70	50.80	16.67	77.79	46.04	15	4.6	PHP 4-5V590-SD		
157.48	A-1	SK	160.02	6.30	12.70	66.68	13.49	77.79	49.21	15	5.4	PHP 4-5V630-SK		
167.64	A-1	SK	170.18	6.70	12.70	66.68	13.49	77.79	49.21	15	6.2	PHP 4-5V670-SK		
177.80	A-1	SF	180.34	7.10	12.70	74.61	5.56	77.79	52.39	20	6.8	PHP 4-5V710-SF		
187.96	A-1	SF	190.50	7.50	12.70	74.61	5.56	77.79	52.39	20	7.7	PHP 4-5V750-SF		

¹⁾ Mass does not include bushings.

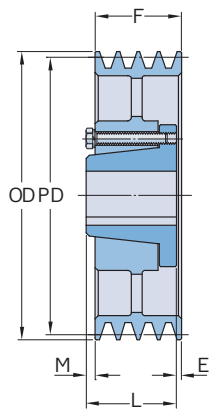
Narrow wedge belt pulleys
5V QD bushed



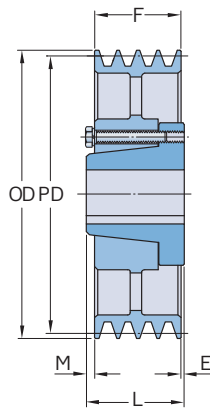
Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		Bore		E	F	L	M	Mass ¹⁾	Designation
		mm			Outer diameter OD	in.	Min.	Max.					kg	
5V	4	200.66	B-1	E	203.20	8.00	22.23	88.90	8.73	77.79	69.85	1	8.5	PHP 4-5V800-E
		213.36	B-1	E	215.90	8.50	22.23	88.90	8.73	77.79	69.85	1	9.9	PHP 4-5V850-E
		226.06	B-1	E	228.60	9.00	22.23	88.90	8.73	77.79	69.85	1	11.0	PHP 4-5V900-E
		232.41	B-1	E	234.95	9.25	22.23	88.90	8.73	77.79	69.85	1	11.7	PHP 4-5V925-E
		245.11	B-1	E	247.65	9.75	22.23	88.90	8.73	77.79	69.85	1	12.8	PHP 4-5V975-E
		259.08	B-1	E	261.62	10.30	22.23	88.90	8.73	77.79	69.85	1	13.5	PHP 4-5V1030-E
		274.32	B-2	E	276.86	10.90	22.23	88.90	8.73	77.79	69.85	1	13.9	PHP 4-5V1090-E
		284.48	A-3	E	287.02	11.30	22.23	88.90	7.14	77.79	69.85	1	14.5	PHP 4-5V1130-E
		297.18	B-2	E	299.72	11.80	22.23	88.90	8.73	77.79	69.85	1	15.0	PHP 4-5V1180-E
		314.96	A-3	E	317.50	12.50	22.23	88.90	7.14	77.79	69.85	1	16.5	PHP 4-5V1250-E
		332.74	A-3	E	335.28	13.20	22.23	88.90	7.14	77.79	69.85	1	17.3	PHP 4-5V1320-E
		353.06	A-3	E	355.60	14.00	22.23	88.90	7.14	77.79	69.85	1	18.2	PHP 4-5V1400-E
		378.46	A-3	E	381.00	15.00	22.23	88.90	7.14	77.79	69.85	1	19.7	PHP 4-5V1500-E
		403.86	A-3	E	406.40	16.00	22.23	88.90	7.14	77.79	69.85	1	20.2	PHP 4-5V1600-E
		472.44	A-3	E	474.98	18.70	22.23	88.90	2.38	77.79	69.85	1	24.3	PHP 4-5V1870-E
		535.94	A-3	E	538.48	21.20	22.23	88.90	2.38	77.79	69.85	1	28.4	PHP 4-5V2120-E
		596.90	C-3	F	599.44	23.60	25.40	101.60	11.91	77.79	95.25	6	37.9	PHP 4-5V2360-F
		708.66	C-3	F	711.20	28.00	25.40	101.60	11.91	77.79	95.25	6	57.2	PHP 4-5V2800-F
		797.56	C-3	F	800.10	31.50	25.40	101.60	11.91	77.79	95.25	6	67.1	PHP 4-5V3150-F
		949.96	C-3	F	952.50	37.50	25.40	101.60	11.91	77.79	95.25	6	77.1	PHP 4-5V3750-F
		1267.46	C-3	J	1270.00	50.00	38.10	114.30	19.05	77.79	117.48	21	112.5	PHP 4-5V5000-J
5V	5	109.22	E-1	SD	111.76	4.40	12.70	50.80	65.88	95.25	46.04	17	4.0	PHP 5-5V440-SD
		115.57	E-1	SD	118.11	4.65	12.70	50.80	65.88	95.25	46.04	17	4.2	PHP 5-5V465-SD
		121.92	A-1	SD	124.46	4.90	12.70	50.80	16.67	95.25	46.04	15	4.6	PHP 5-5V490-SD
		129.54	A-1	SD	132.08	5.20	12.70	50.80	16.67	95.25	46.04	15	4.9	PHP 5-5V520-SD
		137.16	A-1	SD	139.70	5.50	12.70	50.80	16.67	95.25	46.04	15	5.4	PHP 5-5V550-SD
		147.32	A-1	SK	149.86	5.90	12.70	66.68	13.49	95.25	49.21	12	6.0	PHP 5-5V590-SK
		157.48	A-1	SK	160.02	6.30	12.70	66.68	13.49	95.25	49.21	12	7.2	PHP 5-5V630-SK
		167.64	A-1	SK	170.18	6.70	12.70	74.61	13.49	95.25	52.39	12	8.4	PHP 5-5V670-SF
		177.80	A-1	SF	180.34	7.10	12.70	74.61	13.49	95.25	52.39	10	9.8	PHP 5-5V710-SF
		187.96	A-1	SF	190.50	7.50	12.70	74.61	13.49	95.25	52.39	10	10.3	PHP 5-5V750-SF
		200.66	A-1	E	203.20	8.00	22.23	88.90	15.08	95.25	69.85	10	10.8	PHP 5-5V800-E
		213.36	A-1	E	215.90	8.50	22.23	88.90	15.08	95.25	69.85	10	11.3	PHP 5-5V850-E
		226.06	A-1	E	228.60	9.00	22.23	88.90	15.08	95.25	69.85	10	11.9	PHP 5-5V900-E
		232.41	A-1	E	234.95	9.25	22.23	88.90	15.08	95.25	69.85	10	12.8	PHP 5-5V925-E
		245.11	A-1	E	247.65	9.75	22.23	88.90	15.08	95.25	69.85	10	14.5	PHP 5-5V975-E
		259.08	A-2	E	261.62	10.30	22.23	88.90	15.08	95.25	69.85	10	15.0	PHP 5-5V1030-E
		274.32	A-2	E	276.86	10.90	22.23	88.90	15.08	95.25	69.85	10	15.9	PHP 5-5V1090-E
		284.48	A-3	E	287.02	11.30	22.23	88.90	15.08	95.25	69.85	10	16.6	PHP 5-5V1130-E
		297.18	A-3	E	299.72	11.80	22.23	88.90	15.08	95.25	69.85	10	17.2	PHP 5-5V1180-E
		314.96	A-3	E	317.50	12.50	22.23	88.90	15.08	95.25	69.85	10	18.5	PHP 5-5V1250-E
		332.74	A-3	E	335.28	13.20	22.23	88.90	15.08	95.25	69.85	10	19.2	PHP 5-5V1320-E
		353.06	A-3	E	355.60	14.00	22.23	88.90	15.08	95.25	69.85	10	20.2	PHP 5-5V1400-E
		378.46	A-3	E	381.00	15.00	22.23	88.90	15.08	95.25	69.85	10	21.9	PHP 5-5V1500-E
		403.86	A-3	E	406.40	16.00	22.23	88.90	15.08	95.25	69.85	10	23.2	PHP 5-5V1600-E
		472.44	D-3	F	474.98	18.70	25.40	101.60	2.38	95.25	95.25	2	31.8	PHP 5-5V1870-F
		535.94	D-3	F	538.48	21.20	25.40	101.60	0.79	95.25	95.25	1	40.4	PHP 5-5V2120-F
		596.90	D-3	F	599.44	23.60	25.40	101.60	0.79	95.25	95.25	1	47.6	PHP 5-5V2360-F
		708.66	D-3	F	711.20	28.00	25.40	101.60	0.79	95.25	95.25	1	55.8	PHP 5-5V2800-F
		797.56	C-3	J	800.10	31.50	38.10	114.30	11.11	95.25	117.48	11	68.5	PHP 5-5V3150-J
		949.96	C-3	J	952.50	37.50	38.10	114.30	11.11	95.25	117.48	11	86.2	PHP 5-5V3750-J
		1267.46	C-3	J	1270.00	50.00	38.10	114.30	11.11	95.25	117.48	11	126.1	PHP 5-5V5000-J

¹⁾ Mass does not include bushings.

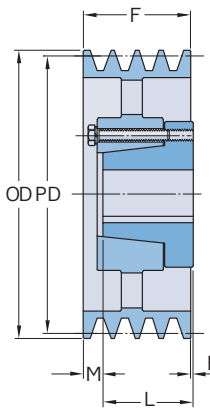
Narrow wedge belt pulleys
5V QD bushed



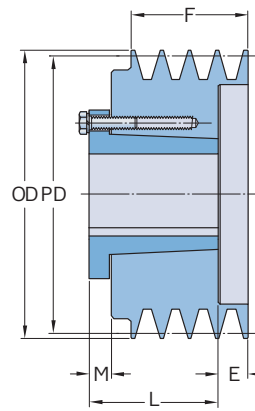
Type B-3



Type C-3



Type D-3

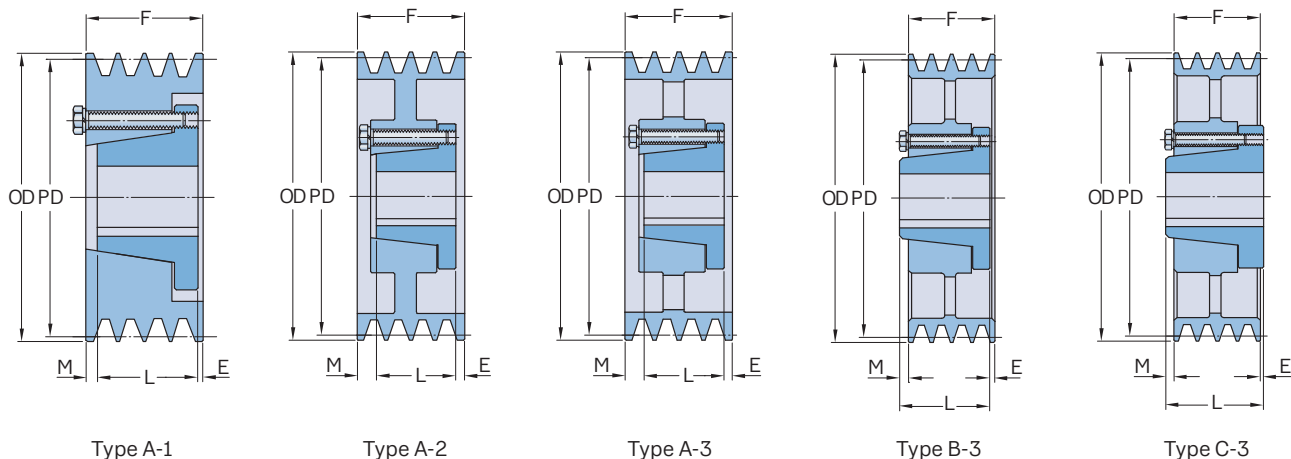


Type E-1

Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		B Min.	B Max.	F	E	L	M	Mass ²⁾	Designation
–	–	mm	–	–	mm	in.							kg	–
5V	6	109.22	E-1	SD	111.76	4.40	12.70	50.80	96.04	112.71	46.04	17	4.6	PHP 6-5V440-SD
		115.57	E-1	SD	118.11	4.65	12.70	50.80	96.04	112.71	46.04	17	4.7	PHP 6-5V465-SD
		121.92	A-1	SD	124.46	4.90	12.70	50.80	16.67	112.71	46.04	50	5.1	PHP 6-5V490-SD
		129.54	A-1	SD	132.08	5.20	12.70	50.80	16.67	112.71	46.04	50	5.5	PHP 6-5V520-SD
		137.16	A-1	SD	139.70	5.50	12.70	50.80	16.67	112.71	46.04	50	6.0	PHP 6-5V550-SD
		147.32	A-1	SK	149.86	5.90	12.70	66.68	13.49	112.71	49.21	50	6.6	PHP 6-5V590-SK
		157.48	A-1	SK	160.02	6.30	12.70	66.68	13.49	112.71	49.21	50	7.9	PHP 6-5V630-SK
		167.64	A-1	SF	170.18	6.70	12.70	74.61	19.84	112.71	52.39	40	9.1	PHP 6-5V670-SF
		177.80	A-1	SF	180.34	7.10	12.70	74.61	19.84	112.71	52.39	40	9.9	PHP 6-5V710-SF
		187.96	A-1	SF	190.50	7.50	12.70	74.61	19.84	112.71	52.39	40	10.6	PHP 6-5V750-SF
		200.66	A-1	E	203.20	8.00	22.23	88.90	21.43	112.71	69.85	21	11.0	PHP 6-5V800-E
		213.36	A-1	E	215.90	8.50	22.23	88.90	21.43	112.71	69.85	21	12.1	PHP 6-5V850-E
		226.06	A-1	E	228.60	9.00	22.23	88.90	21.43	112.71	69.85	21	12.9	PHP 6-5V900-E
		232.41	A-1	E	234.95	9.25	22.23	88.90	21.43	112.71	69.85	21	13.7	PHP 6-5V925-E
		245.11	A-1	E	247.65	9.75	22.23	88.90	21.43	112.71	69.85	21	15.3	PHP 6-5V975-E
		259.08	A-2	E	261.62	10.30	22.23	88.90	21.43	112.71	69.85	21	16.6	PHP 6-5V1030-E
		274.32	A-2	E	276.86	10.90	22.23	88.90	21.43	112.71	69.85	21	17.3	PHP 6-5V1090-E
		284.48	A-3	E	287.02	11.30	22.23	88.90	21.43	112.71	69.85	21	18.1	PHP 6-5V1130-E
		297.18	A-2	E	299.72	11.80	22.23	88.90	21.43	112.71	69.85	21	18.7	PHP 6-5V1180-E
		314.96	B-3	F	317.50	12.50	25.40	101.60	18.26	112.71	95.25	1	26.4	PHP 6-5V1250-F
		332.74	B-3	F	335.28	13.20	25.40	101.60	18.26	112.71	95.25	1	29.0	PHP 6-5V1320-F
		353.06	B-3	F	355.60	14.00	25.40	101.60	18.26	112.71	95.25	1	29.9	PHP 6-5V1400-F
		378.46	B-3	F	381.00	15.00	25.40	101.60	18.26	112.71	95.25	1	30.8	PHP 6-5V1500-F
		403.86	B-3	F	406.40	16.00	25.40	101.60	18.26	112.71	95.25	1	35.2	PHP 6-5V1600-F
		472.44	D-3	F	474.98	18.70	25.40	101.60	0.79	112.71	95.25	18	38.9	PHP 6-5V1870-F
		535.94	D-3	F	538.48	21.20	25.40	101.60	0.79	112.71	95.25	18	43.5	PHP 6-5V2120-F
		596.90	C-3	J	599.44	23.60	38.10	114.30	3.18	112.71	117.48	2	51.3	PHP 6-5V2360-J
		708.66	C-3	J	711.20	28.00	38.10	114.30	3.18	112.71	117.48	2	67.1	PHP 6-5V2800-J
		797.56	C-3	J	800.10	31.50	38.10	114.30	3.18	112.71	117.48	2	83.0	PHP 6-5V3150-J
		949.96	C-3	J	952.50	37.50	38.10	114.30	3.18	112.71	117.48	2	98.9	PHP 6-5V3750-J
		1267.46	C-3	M	1270.00	50.00	50.80	139.70	27.78	112.71	171.45	31	140.6	PHP 6-5V5000-M
5V	8	177.80	A-1	SF	180.34	7.10	12.70	74.61	32.54	147.64	52.39	63	11.2	PHP 8-5V710-SF
		187.96	A-1	SF	190.50	7.50	12.70	74.61	32.54	147.64	52.39	63	12.8	PHP 8-5V750-SF
		200.66	A-1	E	203.20	8.00	22.23	63.50	34.13	147.64	69.85	44	15.9	PHP 8-5V800-E
		213.36	A-1	E	215.90	8.50	22.23	63.50	34.13	147.64	69.85	44	16.9	PHP 8-5V850-E
		226.06	A-1	E	228.60	9.00	22.23	63.50	34.13	147.64	69.85	44	19.1	PHP 8-5V900-E
		232.41	A-1	F	234.95	9.25	25.40	101.60	30.96	147.64	95.25	21	20.0	PHP 8-5V925-F
		245.11	A-1	F	247.65	9.75	25.40	101.60	30.96	147.64	95.25	21	22.0	PHP 8-5V975-F
		259.08	A-1	F	261.62	10.30	25.40	101.60	30.96	147.64	95.25	21	26.5	PHP 8-5V1030-F
		274.32	A-1	F	276.86	10.90	25.40	101.60	30.96	147.64	95.25	21	28.6	PHP 8-5V1090-F
		284.48	A-1	F	287.02	11.30	25.40	101.60	30.96	147.64	95.25	21	30.4	PHP 8-5V1130-F
		297.18	A-2	F	299.72	11.80	25.40	101.60	30.96	147.64	95.25	21	32.2	PHP 8-5V1180-F
		314.96	A-3	F	317.50	12.50	25.40	101.60	30.96	147.64	95.25	21	34.5	PHP 8-5V1250-F
		332.74	A-3	F	335.28	13.20	25.40	101.60	30.96	147.64	95.25	21	36.3	PHP 8-5V1320-F
		353.06	A-3	F	355.60	14.00	25.40	101.60	30.96	147.64	95.25	21	36.7	PHP 8-5V1400-F
		378.46	A-3	F	381.00	15.00	25.40	101.60	30.96	147.64	95.25	21	37.7	PHP 8-5V1500-F
		403.86	A-3	F	406.40	16.00	25.40	101.60	30.96	147.64	95.25	21	40.8	PHP 8-5V1600-F
		472.44	A-3	J	474.98	18.70	38.10	114.30	3.18	147.64	117.48	27	54.4	PHP 8-5V1870-J
		535.94	A-3	J	538.48	21.20	38.10	114.30	3.18	147.64	117.48	27	69.0	PHP 8-5V2120-J
		596.90	A-3	J	599.44	23.60	38.10	114.30	3.18	147.64	117.48	27	83.9	PHP 8-5V2360-J
		708.66	A-3	J	711.20	28.00	38.10	114.30	3.18	147.64	117.48	27	95.3	PHP 8-5V2800-J
		797.56	B-3	M	800.10	31.50	50.80	139.70	8.73	147.64	171.45	33	109.8	PHP 8-5V3150-M
		949.96	B-3	M	952.50	37.50	50.80	139.70	8.73	147.64	171.45	33	129.3	PHP 8-5V3750-M

¹⁾ Mass does not include bushings.

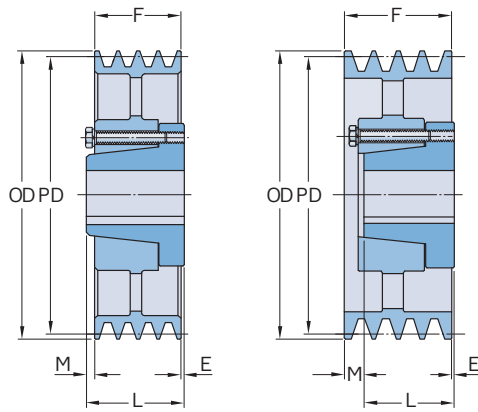
Narrow wedge belt pulleys
5V QD bushed | 8V QD bushed



Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		Bore Min.	Max.	E	F	L	M	Mass ¹⁾	Designation
		mm			Outer diameter OD	in.							kg	
5V	10	200.66	A-1	E	203.20	8.00	22.23	88.90	53.18	182.56	69.85	60	17.1	PHP 10-5V800-E
		213.36	A-1	E	215.90	8.50	22.23	88.90	53.18	182.56	69.85	60	20.2	PHP 10-5V850-E
		226.06	A-1	F	228.60	9.00	25.40	101.60	50.01	182.56	95.25	37	23.3	PHP 10-5V900-F
		232.41	A-1	F	234.95	9.25	25.40	101.60	50.01	182.56	95.25	37	24.0	PHP 10-5V925-F
		245.11	A-1	F	247.65	9.75	25.40	101.60	50.01	182.56	95.25	37	25.4	PHP 10-5V975-F
		259.08	A-1	F	261.62	10.30	25.40	101.60	50.01	182.56	95.25	37	29.0	PHP 10-5V1030-F
		274.32	A-1	F	276.86	10.90	25.40	101.60	50.01	182.56	95.25	37	32.7	PHP 10-5V1090-F
		284.48	A-1	F	287.02	11.30	25.40	101.60	50.01	182.56	95.25	37	34.9	PHP 10-5V1130-F
		297.18	A-2	F	299.72	11.80	25.40	101.60	50.01	182.56	95.25	37	36.7	PHP 10-5V1180-F
		314.96	A-2	J	317.50	12.50	38.10	114.30	53.98	182.56	117.48	11	50.8	PHP 10-5V1250-J
		332.74	A-2	J	335.28	13.20	38.10	114.30	53.98	182.56	117.48	11	52.6	PHP 10-5V1320-J
		353.06	A-3	J	355.60	14.00	38.10	114.30	53.98	182.56	117.48	11	59.0	PHP 10-5V1400-J
		378.46	A-3	J	381.00	15.00	38.10	114.30	53.98	182.56	117.48	11	62.6	PHP 10-5V1500-J
		403.86	A-3	J	406.40	16.00	38.10	114.30	53.98	182.56	117.48	11	66.2	PHP 10-5V1600-J
		472.44	A-3	J	474.98	18.70	38.10	114.30	3.18	182.56	117.48	62	71.2	PHP 10-5V1870-J
		535.94	A-3	J	538.48	21.20	38.10	114.30	3.18	182.56	117.48	62	76.2	PHP 10-5V2120-J
		596.90	A-3	M	599.44	23.60	50.80	139.70	8.73	182.56	171.45	2	96.6	PHP 10-5V2360-M
		708.66	A-3	M	711.20	28.00	50.80	139.70	8.73	182.56	171.45	2	108.9	PHP 10-5V2800-M
		797.56	A-3	M	800.10	31.50	50.80	139.70	8.73	182.56	171.45	2	124.7	PHP 10-5V3150-M
		949.96	A-3	M	952.50	37.50	50.80	139.70	8.73	182.56	171.45	2	142.9	PHP 10-5V3750-M
		1267.46	A-3	M	1270.00	50.00	50.80	139.70	8.73	182.56	171.45	2	207.8	PHP 10-5V5000-M
8V	4	312.42	D-2	F	317.50	12.50	25.40	101.60	3.97	123.83	95.25	33	34.0	PHP 4-8V1250-F
		330.20	D-2	F	335.28	13.20	25.40	101.60	3.97	123.83	95.25	33	36.7	PHP 4-8V1320-F
		350.52	D-3	F	355.60	14.00	25.40	101.60	3.97	123.83	95.25	33	39.5	PHP 4-8V1400-F
		375.92	D-3	F	381.00	15.00	25.40	101.60	3.97	123.83	95.25	33	41.3	PHP 4-8V1500-F
		401.32	D-3	F	406.40	16.00	25.40	101.60	3.97	123.83	95.25	33	43.5	PHP 4-8V1600-F
		426.72	D-3	F	431.80	17.00	25.40	101.60	3.97	123.83	95.25	33	47.2	PHP 4-8V1700-F
		452.12	D-3	F	457.20	18.00	25.40	101.60	3.97	123.83	95.25	33	51.7	PHP 4-8V1800-F
		477.52	D-3	F	482.60	19.00	25.40	101.60	3.97	123.83	95.25	33	54.9	PHP 4-8V1900-F
		502.92	D-3	J	508.00	20.00	38.10	114.30	-	123.83	117.48	6	61.7	PHP 4-8V2000-J
		533.40	D-3	J	538.48	21.20	38.10	114.30	-	123.83	117.48	6	65.8	PHP 4-8V2120-J
		563.88	D-3	J	568.96	22.40	38.10	114.30	-	123.83	117.48	6	69.9	PHP 4-8V2240-J
		624.84	C-3	M	629.92	24.80	50.80	139.70	19.84	123.83	171.45	28	79.8	PHP 4-8V2480-M
		756.92	C-3	M	762.00	30.00	50.80	139.70	19.84	123.83	171.45	28	101.6	PHP 4-8V3000-M
		896.62	C-3	M	901.70	35.50	50.80	139.70	19.84	123.83	171.45	28	121.1	PHP 4-8V3550-M
		1010.92	C-3	M	1016.00	40.00	50.80	139.70	19.84	123.83	171.45	28	140.6	PHP 4-8V4000-M
		1125.22	C-3	M	1130.30	44.50	50.80	139.70	19.84	123.83	171.45	28	164.7	PHP 4-8V4450-M
		1341.12	C-3	M	1346.20	53.00	50.80	139.70	19.84	123.83	171.45	28	198.2	PHP 4-8V5300-M
8V	5	312.42	A-2	F	317.50	12.50	25.40	101.60	24.61	152.40	95.25	33	37.2	PHP 5-8V1250-F
		330.20	A-2	F	335.28	13.20	25.40	101.60	24.61	152.40	95.25	33	40.4	PHP 5-8V1320-F
		350.52	A-3	F	355.60	14.00	25.40	101.60	24.61	152.40	95.25	33	44.9	PHP 5-8V1400-F
		375.92	A-3	F	381.00	15.00	25.40	101.60	24.61	152.40	95.25	33	46.7	PHP 5-8V1500-F
		401.32	A-3	F	406.40	16.00	25.40	101.60	24.61	152.40	95.25	33	50.4	PHP 5-8V1600-F
		426.72	A-3	J	431.80	17.00	38.10	114.30	14.29	152.40	117.48	21	54.0	PHP 5-8V1700-J
		452.12	A-3	J	457.20	18.00	38.10	114.30	14.29	152.40	117.48	21	59.4	PHP 5-8V1800-J
		477.52	A-3	J	482.60	19.00	38.10	114.30	14.29	152.40	117.48	21	64.4	PHP 5-8V1900-J
		502.92	A-3	J	508.00	20.00	38.10	114.30	14.29	152.40	117.48	21	68.5	PHP 5-8V2000-J
		533.40	A-3	J	538.48	21.20	38.10	114.30	14.29	152.40	117.48	21	75.8	PHP 5-8V2120-J
		563.88	B-3	M	568.96	22.40	50.80	139.70	8.73	152.40	171.45	28	80.7	PHP 5-8V2240-M
		624.84	B-3	M	629.92	24.80	50.80	139.70	8.73	152.40	171.45	28	91.2	PHP 5-8V2480-M
		756.92	B-3	M	762.00	30.00	50.80	139.70	8.73	152.40	171.45	28	110.2	PHP 5-8V3000-M
		896.62	B-3	M	901.70	35.50	50.80	139.70	8.73	152.40	171.45	28	126.1	PHP 5-8V3550-M
		1010.92	B-3	M	1016.00	40.00	50.80	139.70	8.73	152.40	171.45	28	154.2	PHP 5-8V4000-M

¹⁾ Mass does not include bushings.

Narrow wedge belt pulleys 8V QD bushed



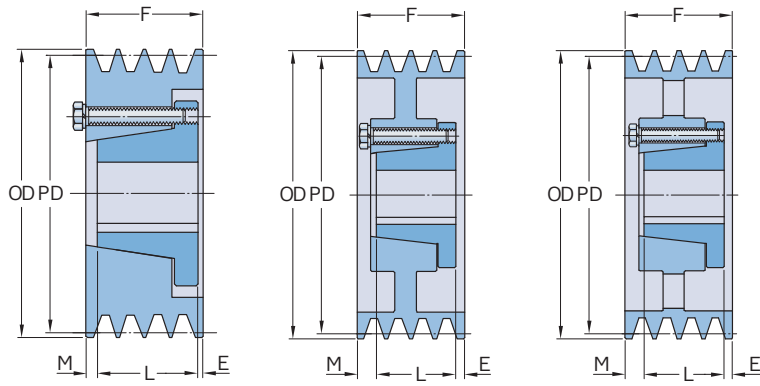
Type D-2

Type D-3

Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		B Min.	Max.	F	E	L	M	Mass ²⁾ kg	Designation
					Outer diameter OD									
–	–	mm	–	–	mm	in.	–	–	–	–	–	–	–	–
8V	5	1125.22	C-3	N	1130.30	44.50	61.91	138.11	28.58	152.40	206.38	25	189.6	PHP 5-8V4450-N
		1341.12	C-3	N	1346.20	53.00	61.91	138.11	28.58	152.40	206.38	25	225.0	PHP 5-8V5300-N
8V	6	312.42	A-2	F	317.50	12.50	25.40	101.60	24.61	180.98	95.25	61	40.8	PHP 6-8V1250-F
		330.20	A-2	F	335.28	13.20	25.40	101.60	24.61	180.98	95.25	61	44.5	PHP 6-8V1320-F
		350.52	A-3	F	355.60	14.00	25.40	101.60	24.61	180.98	95.25	61	50.8	PHP 6-8V1400-F
		375.92	A-2	J	381.00	15.00	38.10	114.30	28.58	180.98	117.48	35	55.8	PHP 6-8V1500-J
		401.32	A-3	J	406.40	16.00	38.10	114.30	28.58	180.98	117.48	35	58.5	PHP 6-8V1600-J
		426.72	A-3	J	431.80	17.00	38.10	114.30	28.58	180.98	117.48	35	61.7	PHP 6-8V1700-J
		452.12	A-3	J	457.20	18.00	38.10	114.30	28.58	180.98	117.48	35	64.9	PHP 6-8V1800-J
		477.52	A-3	J	482.60	19.00	38.10	114.30	28.58	180.98	117.48	35	71.2	PHP 6-8V1900-J
		502.92	B-3	M	508.00	20.00	50.80	139.70	34.13	180.98	171.45	25	81.2	PHP 6-8V2000-M
		533.40	B-3	M	538.48	21.20	50.80	139.70	34.13	180.98	171.45	25	87.5	PHP 6-8V2120-M
		563.88	B-3	M	568.96	22.40	50.80	139.70	34.13	180.98	171.45	25	93.0	PHP 6-8V2240-M
		624.84	A-3	M	629.92	24.80	50.80	139.70	8.73	180.98	171.45	1	106.6	PHP 6-8V2480-M
		756.92	A-3	M	762.00	30.00	50.80	139.70	8.73	180.98	171.45	1	129.3	PHP 6-8V3000-M
		896.62	C-3	N	901.70	35.50	61.91	138.11	23.81	180.98	206.38	2	154.2	PHP 6-8V3550-N
		1010.92	C-3	N	1016.00	40.00	61.91	138.11	23.81	180.98	206.38	2	178.7	PHP 6-8V4000-N
	8	1125.22	C-3	N	1130.30	44.50	61.91	138.11	23.81	180.98	206.38	2	221.8	PHP 6-8V4450-N
		1341.12	C-3	N	1346.20	53.00	61.91	138.11	23.81	180.98	206.38	2	264.9	PHP 6-8V5300-N
		312.42	A-1	J	317.50	12.50	38.10	114.30	53.98	238.13	117.48	67	59.4	PHP 8-8V1250-J
		330.20	A-1	J	335.28	13.20	38.10	114.30	53.98	238.13	117.48	67	72.6	PHP 8-8V1320-J
		350.52	A-2	J	355.60	14.00	38.10	114.30	53.98	238.13	117.48	67	79.4	PHP 8-8V1400-J
		375.92	A-2	J	381.00	15.00	38.10	114.30	53.98	238.13	117.48	67	84.4	PHP 8-8V1500-J
		401.32	A-2	J	406.40	16.00	38.10	114.30	53.98	238.13	117.48	67	95.3	PHP 8-8V1600-J
		426.72	A-2	M	431.80	17.00	50.80	139.70	59.53	238.13	171.45	7	100.2	PHP 8-8V1700-M
		452.12	A-2	M	457.20	18.00	50.80	139.70	59.53	238.13	171.45	7	106.6	PHP 8-8V1800-M
		477.52	A-3	M	482.60	19.00	50.80	139.70	59.53	238.13	171.45	7	113.4	PHP 8-8V1900-M
		502.92	A-3	M	508.00	20.00	50.80	139.70	59.53	238.13	171.45	7	120.2	PHP 8-8V2000-M
		533.40	A-3	M	538.48	21.20	50.80	139.70	59.53	238.13	171.45	7	127.0	PHP 8-8V2120-M
	10	563.88	A-3	M	568.96	22.40	50.80	139.70	59.53	238.13	171.45	7	133.8	PHP 8-8V2240-M
		624.84	A-2	N	629.92	24.80	61.91	138.11	4.76	238.13	206.38	17	145.2	PHP 8-8V2480-N
		756.92	A-3	N	762.00	30.00	61.91	138.11	4.76	238.13	206.38	17	170.1	PHP 8-8V3000-N
		896.62	A-3	N	901.70	35.50	61.91	138.11	4.76	238.13	206.38	17	200.5	PHP 8-8V3550-N
		1010.92	A-3	N	1016.00	40.00	61.91	138.11	4.76	238.13	206.38	17	240.4	PHP 8-8V4000-N
		1125.22	B-3	P	1130.30	44.50	74.61	177.80	6.35	238.13	238.13	6	276.7	PHP 8-8V4450-P
8V	10	1341.12	B-3	P	1346.20	53.00	74.61	177.80	6.35	238.13	238.13	6	360.6	PHP 8-8V5300-P
		312.42	A-1	J	317.50	12.50	38.10	114.30	53.98	295.28	117.48	131	70.3	PHP 10-8V1250-J
		330.20	A-1	J	335.28	13.20	38.10	114.30	53.98	295.28	117.48	131	86.2	PHP 10-8V1320-J
		350.52	A-1	J	355.60	14.00	38.10	114.30	53.98	295.28	117.48	131	95.3	PHP 10-8V1400-J
		375.92	A-1	M	381.00	15.00	50.80	139.70	59.53	295.28	171.45	64	120.7	PHP 10-8V1500-M
		401.32	A-2	M	406.40	16.00	50.80	139.70	59.53	295.28	171.45	64	116.1	PHP 10-8V1600-M
		426.72	A-1	M	431.80	17.00	50.80	139.70	59.53	295.28	171.45	64	127.5	PHP 10-8V1700-M
		452.12	A-2	M	457.20	18.00	50.80	139.70	59.53	295.28	171.45	64	131.5	PHP 10-8V1800-M
		477.52	A-2	M	482.60	19.00	50.80	139.70	59.53	295.28	171.45	64	136.5	PHP 10-8V1900-M
		502.92	A-2	M	508.00	20.00	50.80	139.70	59.53	295.28	171.45	64	147.4	PHP 10-8V2000-M
		533.40	A-2	M	538.48	21.20	50.80	139.70	59.53	295.28	171.45	64	154.2	PHP 10-8V2120-M
		563.88	A-2	N	568.96	22.40	61.91	138.11	4.76	295.28	206.38	84	165.6	PHP 10-8V2240-N
	12	624.84	A-2	N	629.92	24.80	61.91	138.11	4.76	295.28	206.38	84	176.9	PHP 10-8V2480-N
		756.92	A-3	N	762.00	30.00	61.91	138.11	4.76	295.28	206.38	84	197.3	PHP 10-8V3000-N
		896.62	A-2	P	901.70	35.50	74.61	177.80	6.35	295.28	238.13	51	230.0	PHP 10-8V3550-P
		1010.92	A-3	P	1016.00	40.00	74.61	177.80	6.35	295.28	238.13	51	279.0	PHP 10-8V4000-P
		1125.22	A-2	P	1130.30	44.50	74.61	177.80	6.35	295.28	238.13	51	322.1	PHP 10-8V4450-P
		1341.12	A-2	P	1346.20	53.00	74.61	177.80	6.35	295.28	238.13	51	360.6	PHP 10-8V5300-P

¹⁾ Mass does not include bushings.

Narrow wedge belt pulleys
8V QD bushed



Type A-1

Type A-2

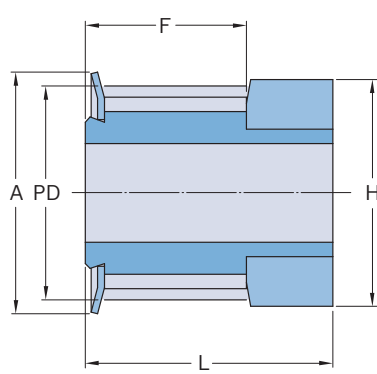
Type A-3

Section	Number of grooves	Pitch diameter PCD	Pulley type	Bushing number	Dimensions		Bore		E	F	L	M	Mass ¹⁾	Designation
		mm			Outer diameter OD	in.	Min.	Max.					kg	
8V	10	1341.12	A-3	P	1346.20	53.00	74.61	177.80	6.35	295.28	238.13	51	428.6	PHP10-8V5300-P
8V	12	312.42	A-1	M	317.50	12.50	50.80	139.70	59.53	339.73	171.45	121	88.5	PHP12-8V1250-M
		330.20	A-1	M	335.28	13.20	50.80	139.70	59.53	339.73	171.45	121	104.3	PHP12-8V1320-M
		350.52	A-1	M	355.60	14.00	50.80	139.70	59.53	339.73	171.45	121	113.4	PHP12-8V1400-M
		375.92	A-1	M	381.00	15.00	50.80	139.70	59.53	339.73	171.45	121	121.6	PHP12-8V1500-M
		401.32	A-1	M	406.40	16.00	50.80	139.70	59.53	339.73	171.45	121	134.3	PHP12-8V1600-M
		426.72	A-1	M	431.80	17.00	50.80	139.70	59.53	339.73	171.45	121	154.7	PHP12-8V1700-M
		452.12	A-1	M	457.20	18.00	50.80	139.70	59.53	339.73	171.45	121	156.5	PHP12-8V1800-M
		477.52	A-1	N	482.60	19.00	61.91	138.11	4.76	339.73	206.38	141	159.7	PHP12-8V1900-N
		502.92	A-1	N	508.00	20.00	61.91	138.11	4.76	339.73	206.38	141	174.6	PHP12-8V2000-N
		533.40	A-1	N	538.48	21.20	61.91	138.11	4.76	339.73	206.38	141	181.4	PHP12-8V2120-N
		563.88	A-1	N	568.96	22.40	61.91	138.11	4.76	339.73	206.38	141	197.3	PHP12-8V2240-N
		624.84	A-1	N	629.92	24.80	61.91	138.11	4.76	339.73	206.38	141	208.7	PHP12-8V2480-N
		756.92	A-2	P	762.00	30.00	74.61	177.80	6.35	339.73	238.13	108	224.5	PHP12-8V3000-P
		896.62	A-2	P	901.70	35.50	74.61	177.80	6.35	339.73	238.13	108	259.5	PHP12-8V3550-P
		1010.92	A-2	P	1016.00	40.00	74.61	177.80	6.35	339.73	238.13	108	317.5	PHP12-8V4000-P
		1125.22	A-2	P	1130.30	44.50	74.61	177.80	6.35	339.73	238.13	108	374.2	PHP12-8V4450-P
		1341.12	A-2	P	1346.20	53.00	74.61	177.80	6.35	339.73	238.13	108	489.9	PHP12-8V5300-P

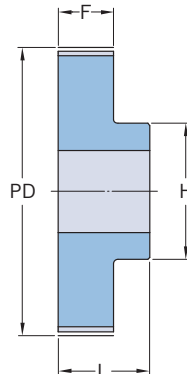
¹⁾ Mass does not include bushings.

HTD pulleys

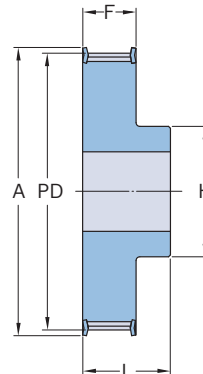
3 mm pitch pilot bore (RSB) | 5 mm pitch pilot bore (RSB)



Type 0F



Type 1

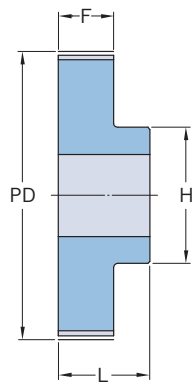


Type 1F

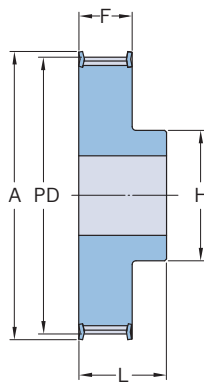
Pitch	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Dimensions Outer diameter OD	A	B Min.	Max.	F	K	L	M	H	Mass	Designation	
mm			—	—	mm									kg	—	
3	09	9.55	10	0F	8.79	13.0	—	4.0	10.2	—	17.5	—	13.0	0.04	PHP 10-3M-09RSB	
		11.46	12	0F	10.70	15.0	—	6.0	10.2	—	17.5	—	15.0	0.06	PHP 12-3M-09RSB	
		13.37	14	0F	12.61	16.0	—	7.0	10.2	—	17.5	—	16.0	0.07	PHP 14-3M-09RSB	
		14.32	15	0F	13.56	17.5	—	8.0	10.2	—	17.5	—	17.5	0.08	PHP 15-3M-09RSB	
		15.28	16	1F	14.52	18.0	4	6.0	12.8	—	20.6	—	10.0	0.07	PHP 16-3M-09RSB	
		17.19	18	1F	16.43	19.5	6	6.5	12.8	—	20.6	—	11.0	0.08	PHP 18-3M-09RSB	
		19.10	20	1F	18.34	23.0	6	8.0	12.8	—	20.6	—	13.0	0.01	PHP 20-3M-09RSB	
		20.05	21	1F	19.29	25.0	6	8.5	12.8	—	20.6	—	14.0	0.01	PHP 21-3M-09RSB	
		21.01	22	1F	20.25	25.0	6	8.5	12.8	—	20.6	—	14.0	0.01	PHP 22-3M-09RSB	
		22.92	24	1F	22.16	25.0	6	8.5	12.8	—	20.6	—	14.0	0.02	PHP 24-3M-09RSB	
		24.83	26	1F	24.07	28.0	6	10.5	12.8	—	20.6	—	16.0	0.02	PHP 26-3M-09RSB	
		26.74	28	1F	25.98	32.0	6	11.5	12.8	—	20.6	—	18.0	0.02	PHP 28-3M-09RSB	
		28.65	30	1F	27.89	32.0	6	12.5	12.8	—	20.6	—	20.0	0.03	PHP 30-3M-09RSB	
		30.56	32	1F	29.80	36.0	6	14.0	12.8	—	20.6	—	22.0	0.03	PHP 32-3M-09RSB	
		34.38	36	1F	33.62	38.0	6	17.0	13.4	—	22.2	—	26.0	0.05	PHP 36-3M-09RSB	
	38.20	40	1F	37.44	42.0	6	19.0	13.4	—	22.2	—	28.0	0.06	PHP 40-3M-09RSB		
	42.02	44	1F	41.26	48.0	6	22.5	13.4	—	22.2	—	33.0	0.07	PHP 44-3M-09RSB		
	45.84	48	1	45.08	—	8	22.5	13.4	—	22.2	—	33.0	0.07	PHP 48-3M-09RSB		
	57.30	60	1	56.54	—	8	22.5	13.4	—	22.2	—	33.0	0.11	PHP 60-3M-09RSB		
	68.75	72	1	67.99	—	8	22.5	13.4	—	22.2	—	33.0	0.14	PHP 72-3M-09RSB		
	3	15	9.55	10	0F	8.79	13.0	—	3.0	17.0	—	26.0	—	13.0	0.04	PHP 10-3M-15RSB
			11.46	12	0F	10.70	15.0	—	5.0	17.0	—	26.0	—	15.0	0.06	PHP 12-3M-15RSB
			13.37	14	0F	12.61	16.0	—	6.0	17.0	—	26.0	—	16.0	0.07	PHP 14-3M-15RSB
			14.32	15	0F	13.56	17.5	—	6.0	17.0	—	26.0	—	17.5	0.08	PHP 15-3M-15RSB
			15.28	16	1F	14.52	18.0	4	7.0	19.5	—	26.0	—	10.0	0.07	PHP 16-3M-15RSB
17.19			18	1F	16.43	19.5	6	8.0	19.5	—	26.0	—	11.0	0.08	PHP 18-3M-15RSB	
19.10			20	1F	18.34	23.0	6	9.0	19.5	—	26.0	—	13.0	0.01	PHP 20-3M-15RSB	
20.05			21	1F	19.29	25.0	6	9.0	19.5	—	26.0	—	14.0	0.01	PHP 21-3M-15RSB	
21.01			22	1F	20.25	25.0	6	9.0	19.5	—	26.0	—	14.0	0.01	PHP 22-3M-15RSB	
22.92			24	1F	22.16	25.0	6	9.0	19.5	—	26.0	—	14.0	0.02	PHP 24-3M-15RSB	
24.83			26	1F	24.07	28.0	6	11.0	19.5	—	26.0	—	16.0	0.02	PHP 26-3M-15RSB	
26.74			28	1F	25.98	32.0	6	12.0	19.5	—	26.0	—	18.0	0.02	PHP 28-3M-15RSB	
28.65			30	1F	27.89	32.0	6	14.0	19.5	—	26.0	—	20.0	0.03	PHP 30-3M-15RSB	
30.56			32	1F	29.80	36.0	6	15.0	19.5	—	26.0	—	22.0	0.03	PHP 32-3M-15RSB	
34.38			36	1F	33.62	38.0	6	16.0	20.0	—	30.0	—	26.0	0.05	PHP 36-3M-15RSB	
38.20		40	1F	37.44	42.0	6	18.0	20.0	—	30.0	—	28.0	0.06	PHP 40-3M-15RSB		
42.02		44	1F	41.26	48.0	6	20.0	20.0	—	30.0	—	33.0	0.07	PHP 44-3M-15RSB		
45.84		48	1	45.08	—	8	20.0	20.0	—	30.0	—	33.0	0.07	PHP 48-3M-15RSB		
57.30		60	1	56.54	—	8	20.0	20.0	—	30.0	—	33.0	0.11	PHP 60-3M-15RSB		
68.75		72	1	67.99	—	8	20.0	20.0	—	30.0	—	33.0	0.14	PHP 72-3M-15RSB		
5		09	19.10	12	1F	17.96	25.0	4	8.0	14.5	—	20.0	—	13.0	0.03	PHP 12-5M-09RSB
			22.28	14	1F	21.14	25.0	6	9.0	14.5	—	20.0	—	13.0	0.03	PHP 14-5M-09RSB
			23.87	15	1F	22.73	28.0	6	11.0	14.5	—	20.0	—	16.0	0.04	PHP 15-5M-09RSB
			25.46	16	1F	24.32	28.0	6	11.0	14.5	—	20.0	—	16.0	0.05	PHP 16-5M-09RSB
			28.65	18	1F	27.51	32.0	6	13.0	14.5	—	20.0	—	19.0	0.07	PHP 18-5M-09RSB
	31.83		20	1F	30.69	36.0	6	14.0	14.5	—	22.5	—	23.0	0.09	PHP 20-5M-09RSB	
	33.42	21	1F	32.28	38.0	6	15.0	14.5	—	22.5	—	24.0	0.11	PHP 21-5M-09RSB		
	35.01	22	1F	33.87	38.0	6	16.0	14.5	—	22.5	—	25.5	0.12	PHP 22-5M-09RSB		
	38.20	24	1F	37.06	42.0	6	18.0	14.5	—	22.5	—	27.0	0.15	PHP 24-5M-09RSB		
	41.38	26	1F	40.24	44.0	6	20.0	14.5	—	22.5	—	30.0	0.17	PHP 26-5M-09RSB		
	44.56	28	1F	43.42	48.0	6	20.0	14.5	—	22.5	—	30.5	0.20	PHP 28-5M-09RSB		
	47.75	30	1F	46.60	51.0	6	24.0	14.5	—	22.5	—	35.0	0.24	PHP 30-5M-09RSB		
	50.93	32	1F	49.79	54.0	8	26.0	14.5	—	22.5	—	38.0	0.27	PHP 32-5M-09RSB		
	57.30	36	1F	56.16	60.0	8	26.0	14.5	—	22.5	—	38.0	0.32	PHP 36-5M-09RSB		

HTD pulleys

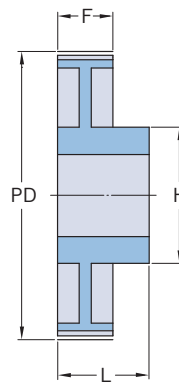
5 mm pitch pilot bore (RSB) | 8 mm pitch pilot bore (RSB)



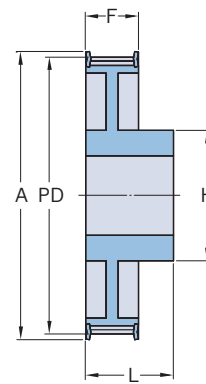
Type 1



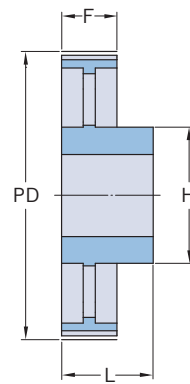
Type 1F



Type 2



Type 2F



Type 5

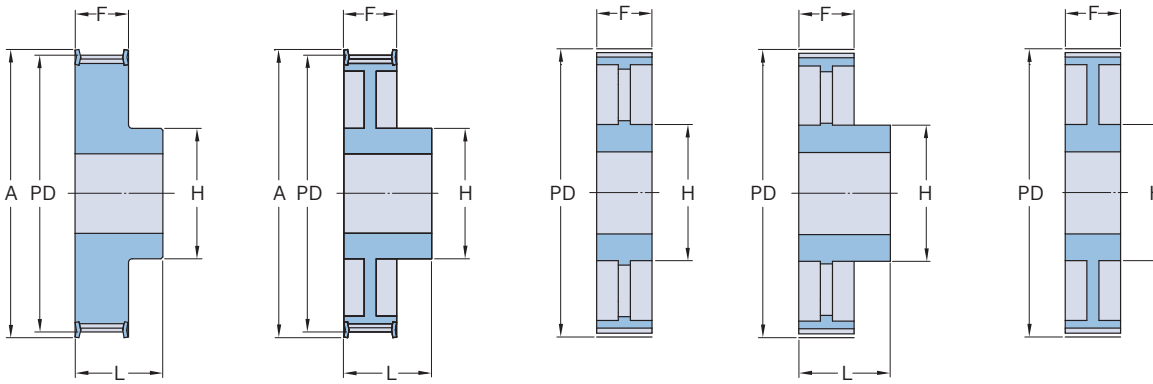
Pitch	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Dimensions	Outer diameter OD	A	B Min.	Max.	F	K	L	M	H	Mass	Designation
mm			–	–	mm										kg	–
5	09	63.66	40	1F	62.52	71.0	8	26.0	14.5	–	–	22.5	–	38.0	0.40	PHP 40-5M-09RSB
		70.03	44	2	68.89	–	8	26.0	14.5	–	–	25.5	–	38.0	0.17	PHP 44-5M-09RSB
		76.39	48	2	75.25	–	8	26.0	14.5	–	–	25.5	–	38.0	0.18	PHP 48-5M-09RSB
		95.49	60	2	94.35	–	8	30.0	14.5	–	–	25.5	–	45.0	0.23	PHP 60-5M-09RSB
		114.59	72	2	113.45	–	8	30.0	14.5	–	–	25.5	–	45.0	0.27	PHP 72-5M-09RSB
	15	19.10	12	1F	17.96	25.0	4	8.0	20.5	–	–	26.0	–	13.0	0.03	PHP 12-5M-15RSB
		22.28	14	1F	21.14	25.0	6	9.0	20.5	–	–	26.0	–	13.0	0.05	PHP 14-5M-15RSB
		23.87	15	1F	22.73	28.0	6	11.0	20.5	–	–	26.0	–	16.0	0.06	PHP 15-5M-15RSB
		25.46	16	1F	24.32	28.0	6	11.0	20.5	–	–	26.0	–	16.0	0.06	PHP 16-5M-15RSB
		28.65	18	1F	27.51	32.0	6	13.0	20.5	–	–	26.0	–	19.0	0.09	PHP 18-5M-15RSB
		31.83	20	1F	30.69	36.0	6	14.0	20.5	–	–	26.0	–	23.0	0.11	PHP 20-5M-15RSB
		33.42	21	1F	32.28	38.0	6	15.0	20.5	–	–	26.0	–	24.0	0.13	PHP 21-5M-15RSB
		35.01	22	1F	33.87	38.0	6	16.0	20.5	–	–	26.0	–	25.5	0.14	PHP 22-5M-15RSB
		38.20	24	1F	37.06	42.0	6	18.0	20.5	–	–	28.0	–	27.0	0.18	PHP 24-5M-15RSB
		41.38	26	1F	40.24	44.0	6	20.0	20.5	–	–	28.0	–	30.0	0.22	PHP 26-5M-15RSB
		44.56	28	1F	43.42	48.0	6	20.0	20.5	–	–	28.0	–	30.5	0.25	PHP 28-5M-15RSB
		47.75	30	1F	46.60	51.0	6	24.0	20.5	–	–	28.0	–	35.0	0.30	PHP 30-5M-15RSB
		50.93	32	1F	49.79	54.0	8	26.0	20.5	–	–	28.0	–	38.0	0.35	PHP 32-5M-15RSB
		57.30	36	1F	56.16	60.0	8	26.0	20.5	–	–	28.0	–	38.0	0.52	PHP 36-5M-15RSB
		63.66	40	1F	62.52	71.0	8	26.0	20.5	–	–	28.0	–	38.0	0.43	PHP 40-5M-15RSB
5	25	70.03	44	2	68.89	–	8	26.0	20.5	–	–	30.0	–	38.0	0.23	PHP 44-5M-15RSB
		76.39	48	2	75.25	–	8	26.0	20.5	–	–	30.0	–	38.0	0.19	PHP 48-5M-15RSB
		95.49	60	2	94.35	–	8	34.0	20.5	–	–	30.0	–	50.0	0.31	PHP 60-5M-15RSB
		114.59	72	2	113.45	–	8	34.0	20.5	–	–	30.0	–	50.0	0.38	PHP 72-5M-15RSB
		19.10	12	1F	17.96	25.0	4	8.0	30.5	–	–	36.0	5.5	13.0	0.05	PHP 12-5M-25RSB
		22.28	14	1F	21.14	25.0	6	9.0	30.5	–	–	36.0	5.5	13.0	0.07	PHP 14-5M-25RSB
		23.87	15	1F	22.73	28.0	6	11.0	30.5	–	–	36.0	5.5	16.0	0.08	PHP 15-5M-25RSB
		25.46	16	1F	24.32	28.0	6	11.0	30.5	–	–	36.0	5.5	16.0	0.10	PHP 16-5M-25RSB
		28.65	18	1F	27.51	32.0	6	13.0	30.5	–	–	36.0	5.5	19.0	0.12	PHP 18-5M-25RSB
		31.83	20	1F	30.69	36.0	6	14.0	30.5	–	–	36.0	5.5	23.0	0.16	PHP 20-5M-25RSB
		33.42	21	1F	32.28	38.0	6	15.0	30.5	–	–	38.0	7.5	24.0	0.19	PHP 21-5M-25RSB
		35.01	22	1F	33.87	38.0	6	16.0	30.5	–	–	38.0	7.5	25.5	0.21	PHP 22-5M-25RSB
		38.20	24	1F	37.06	42.0	6	18.0	30.5	–	–	38.0	7.5	27.0	0.25	PHP 24-5M-25RSB
		41.38	26	1F	40.24	44.0	6	20.0	30.5	–	–	38.0	7.5	30.0	0.30	PHP 26-5M-25RSB
		44.56	28	1F	43.42	48.0	6	20.0	30.5	–	–	38.0	7.5	30.5	0.35	PHP 28-5M-25RSB
		47.75	30	1F	46.60	51.0	6	24.0	30.5	–	–	38.0	7.5	35.0	0.42	PHP 30-5M-25RSB
		50.93	32	1F	49.79	54.0	8	26.0	30.5	–	–	38.0	7.5	38.0	0.48	PHP 32-5M-25RSB
		57.30	36	1F	56.16	60.0	8	26.0	30.5	–	–	38.0	7.5	38.0	0.59	PHP 36-5M-25RSB
		63.66	40	1F	62.52	71.0	8	26.0	30.5	–	–	38.0	7.5	38.0	0.74	PHP 40-5M-25RSB
	20	70.03	44	2	68.89	–	8	26.0	30.5	–	–	40.0	9.5	38.0	0.32	PHP 44-5M-25RSB
		76.39	48	2	72.25	–	8	26.0	30.5	–	–	40.0	9.5	38.0	0.28	PHP 48-5M-25RSB
		95.49	60	2	94.35	–	8	34.0	30.5	–	–	40.0	9.5	50.0	0.44	PHP 60-5M-25RSB
		114.59	72	2	113.45	–	8	34.0	30.5	–	–	40.0	9.5	50.0	0.53	PHP 72-5M-25RSB
		127.32	80	1	126.18	–	8	62.0	30.5	–	–	40.0	–	92.0	0.60	PHP 80-5M-25RSB
8	20	50.93	20	1F	49.56	60.0	12	25.0	28.0	–	–	38.0	–	38.0	0.43	PHP 20-8M-20RSB
		53.47	21	1F	52.10	62.0	12	27.0	28.0	–	–	38.0	–	40.0	0.49	PHP 21-8M-20RSB
		56.02	22	1F	54.65	65.0	12	29.0	28.0	–	–	38.0	–	43.0	0.54	PHP 22-8M-20RSB
		58.57	23	1F	57.20	65.0	12	29.0	28.0	–	–	38.0	–	45.0	0.60	PHP 23-8M-20RSB
		61.12	24	1F	59.75	70.0	12	30.0	28.0	–	–	38.0	–	45.0	0.65	PHP 24-8M-20RSB
	25	63.66	25	1F	62.28	71.0	12	31.0	28.0	–	–	38.0	–	45.0	0.73	PHP 25-8M-20RSB
		66.21	26	1F	64.84	75.0	12	32.0	28.0	–	–	38.0	–	50.0	0.80	PHP 26-8M-20RSB
		68.75	27	1F	67.39	75.0	12	33.0	28.0	–	–	38.0	–	50.0	0.84	PHP 27-8M-20RSB
		71.30	28	1F	70.08	80.0	15	34.0	28.0	–	–	38.0	–	50.0	0.87	PHP 28-8M-20RSB
		73.85	29	1F	72.62	85.0	15	35.0	28.0	–	–	38.0	–	55.0	0.95	PHP 29-8M-20RSB

HTD pulleys 8 mm pitch pilot bore (RSB)

Pitch	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Dimensions										Mass	Designation
					Outer diameter OD	A	B Min.	Max.	F	K	L	M	H			
mm			—	—	mm									kg	—	
8	20	76.39	30	1F	75.13	85.0	15	36.0	28.0	—	38.0	—	55.0	1.02	PHP 30-8M-20RSB	
		78.94	31	1F	77.65	87.0	15	38.0	28.0	—	38.0	—	55.0	1.11	PHP 31-8M-20RSB	
		81.49	32	1F	80.16	90.0	15	40.0	28.0	—	38.0	—	60.0	1.20	PHP 32-8M-20RSB	
		84.03	33	1F	82.68	90.0	15	42.0	28.0	—	38.0	—	60.0	1.30	PHP 33-8M-20RSB	
		86.58	34	1F	85.22	95.0	15	44.0	28.0	—	38.0	—	70.0	1.40	PHP 34-8M-20RSB	
		89.13	35	1F	87.76	95.0	15	45.0	28.0	—	38.0	—	70.0	1.48	PHP 35-8M-20RSB	
		91.67	36	1F	90.30	100.0	15	46.0	28.0	—	38.0	—	70.0	1.55	PHP 36-8M-20RSB	
		96.77	38	1F	95.39	105.0	15	50.0	28.0	—	38.0	—	75.0	1.65	PHP 38-8M-20RSB	
		101.86	40	1F	100.49	110.0	15	50.0	28.0	—	38.0	—	75.0	1.74	PHP 40-8M-20RSB	
		106.95	42	1F	105.58	111.0	15	50.0	28.0	—	38.0	—	75.0	1.92	PHP 42-8M-20RSB	
		112.05	44	1F	110.67	121.0	15	50.0	28.0	—	38.0	—	75.0	2.10	PHP 44-8M-20RSB	
		114.59	45	1F	113.22	121.0	15	50.0	28.0	—	38.0	—	75.0	2.19	PHP 45-8M-20RSB	
		122.23	48	1F	120.86	131.0	15	54.0	28.0	—	38.0	—	75.0	2.44	PHP 48-8M-20RSB	
		127.32	50	1F	125.95	131.0	15	54.0	28.0	—	38.0	—	75.0	2.48	PHP 50-8M-20RSB	
		132.42	52	1F	131.05	140.0	15	54.0	28.0	—	38.0	—	80.0	2.52	PHP 52-8M-20RSB	
		142.60	56	2F	141.23	151.0	15	54.0	28.0	—	38.0	—	80.0	2.60	PHP 56-8M-20RSB	
		162.97	64	2F	161.60	172.0	15	54.0	28.0	—	38.0	—	80.0	2.90	PHP 64-8M-20RSB	
		183.35	72	2F	181.97	192.0	15	54.0	28.0	—	38.0	—	80.0	3.10	PHP 72-8M-20RSB	
		203.72	80	2	202.35	—	15	54.0	28.0	—	38.0	—	90.0	3.80	PHP 80-8M-20RSB	
		229.18	90	2	227.81	—	15	54.0	28.0	—	38.0	—	90.0	4.20	PHP 90-8M-20RSB	
		285.21	112	5	283.83	—	18	54.0	28.0	—	38.0	—	90.0	5.20	PHP 112-8M-20RSB	
		366.69	144	5	365.32	—	20	54.0	28.0	—	38.0	—	90.0	7.50	PHP 144-8M-20RSB	
		427.81	168	5	426.44	—	20	60.0	28.0	—	38.0	—	100.0	10.00	PHP 168-8M-20RSB	
		488.92	192	5	487.55	—	20	60.0	28.0	—	38.0	—	100.0	14.40	PHP 192-8M-20RSB	
8	30	50.93	20	1F	49.56	60.0	12	25.0	38.0	—	48.0	—	38.0	0.54	PHP 20-8M-30RSB	
		53.47	21	1F	52.10	62.0	12	27.0	38.0	—	48.0	—	40.0	0.62	PHP 21-8M-30RSB	
		56.02	22	1F	54.65	65.0	12	29.0	38.0	—	48.0	—	43.0	0.69	PHP 22-8M-30RSB	
		57.57	23	1F	57.20	65.0	12	30.0	38.0	—	48.0	—	45.0	0.77	PHP 23-8M-30RSB	
		61.12	24	1F	59.75	70.0	12	30.0	38.0	—	48.0	—	45.0	0.84	PHP 24-8M-30RSB	
		63.66	25	1F	62.28	71.0	12	31.0	38.0	—	48.0	—	50.0	0.92	PHP 25-8M-30RSB	
		66.21	26	1F	64.84	75.0	12	32.0	38.0	—	48.0	—	50.0	1.00	PHP 26-8M-30RSB	
		68.75	27	1F	67.39	75.0	12	33.0	38.0	—	48.0	—	50.0	1.06	PHP 27-8M-30RSB	
		71.30	28	1F	70.08	80.0	15	34.0	38.0	—	48.0	—	50.0	1.12	PHP 28-8M-30RSB	
		76.39	30	1F	75.13	85.0	15	36.0	38.0	—	48.0	—	55.0	1.32	PHP 30-8M-30RSB	
		78.94	31	1F	77.65	87.0	15	38.0	38.0	—	48.0	—	55.0	1.42	PHP 31-8M-30RSB	
		81.49	32	1F	80.16	90.0	15	40.0	38.0	—	48.0	—	60.0	1.53	PHP 32-8M-30RSB	
		84.03	33	1F	82.68	90.0	15	42.0	38.0	—	48.0	—	60.0	1.64	PHP 33-8M-30RSB	
		86.58	34	1F	85.22	95.0	15	44.0	38.0	—	48.0	—	70.0	1.80	PHP 34-8M-30RSB	
		89.13	35	1F	87.76	95.0	15	45.0	38.0	—	48.0	—	70.0	1.90	PHP 35-8M-30RSB	
		91.67	36	1F	90.30	100.0	15	46.0	38.0	—	48.0	—	70.0	1.99	PHP 36-8M-30RSB	
		96.77	38	1F	95.39	105.0	15	50.0	38.0	—	48.0	—	75.0	2.27	PHP 38-8M-30RSB	
		101.86	40	1F	100.49	110.0	15	50.0	38.0	—	48.0	—	75.0	2.40	PHP 40-8M-30RSB	
		106.95	42	1F	105.58	111.0	15	50.0	38.0	—	48.0	—	75.0	2.60	PHP 42-8M-30RSB	
		112.05	44	1F	110.67	121.0	15	50.0	38.0	—	48.0	—	75.0	2.80	PHP 44-8M-30RSB	
		114.59	45	1F	113.22	121.0	15	50.0	38.0	—	48.0	—	75.0	2.90	PHP 45-8M-30RSB	
		122.23	48	1F	120.86	131.0	15	50.0	38.0	—	48.0	—	75.0	3.20	PHP 48-8M-30RSB	
		127.32	50	1F	125.95	131.0	15	50.0	38.0	—	48.0	—	75.0	3.30	PHP 50-8M-30RSB	
		132.42	52	1F	131.05	140.0	15	60.0	38.0	—	48.0	—	90.0	3.40	PHP 52-8M-30RSB	
		142.60	56	2F	141.23	151.0	15	60.0	38.0	—	48.0	—	90.0	3.60	PHP 56-8M-30RSB	
		152.79	60	2F	151.42	168.0	15	60.0	38.0	—	48.0	—	90.0	3.95	PHP 60-8M-30RSB	
		162.97	64	2F	161.60	172.0	15	60.0	38.0	—	48.0	—	90.0	4.30	PHP 64-8M-30RSB	
		183.35	72	2F	181.97	192.0	15	63.0	38.0	—	48.0	—	95.0	4.80	PHP 72-8M-30RSB	
		203.72	80	2	202.35	—	15	60.0	38.0	—	48.0	—	100.0	5.10	PHP 80-8M-30RSB	
		229.18	90	2	227.81	—	15	60.0	38.0	—	48.0	—	100.0	5.70	PHP 90-8M-30RSB	
		285.21	112	5	283.83	—	18	60.0	38.0	—	48.0	—	100.0	6.80	PHP 112-8M-30RSB	
		366.69	144	5	365.32	—	20	60.0	38.0	—	48.0	—	100.0	9.30	PHP 144-8M-30RSB	
		427.81	168	5	426.44	—	20	60.0	38.0	—	48.0	—	100.0	11.40	PHP 168-8M-30RSB	
		488.92	192	5	487.55	—	20	60.0	38.0	—	48.0	—	100.0	16.00	PHP 192-8M-30RSB	
8	50	56.02	22	1F	54.65	65.0	12	29.0	60.0	—	70.0	—	43.0	1.00	PHP 22-8M-50RSB	
		58.57	23	1F	57.20	65.0	12	30.0	60.0	—	70.0	—	45.0	1.12	PHP 23-8M-50RSB	
		61.12	24	1F	59.75	70.0	12	30.0	60.0	—	70.0	—	45.0	1.23	PHP 24-8M-50RSB	
		63.66	25	1F	62.28	70.0	12	34.0	60.0	—	70.0	—	50.0	1.37	PHP 25-8M-50RSB	
		66.21	26	1F	64.84	75.0	12	34.0	60.0	—	70.0	—	50.0	1.50	PHP 26-8M-50RSB	
		68.75	27	1F	67.39	75.0	15	34.0	60.0	—	70.0	—	50.0	1.59	PHP 27-8M-50RSB	
		71.30	28	1F	70.08	80.0	15	34.0	60.0	—	70.0	—	50.0	1.67	PHP 28-8M-50RSB	
		76.39	30	1F	75.13	85.0	15	38.0	60.0	—	70.0	—	55.0	1.97	PHP 30-8M-50RSB	
		78.94	31	1F	77.65	87.0	15	38.0	60.0	—	70.0	—	55.0	2.12	PHP 31-8M-50RSB	
		81.49	32	1F	80.16	90.0	15	40.0	60.0	—	70.0	—	60.0	2.27	PHP 32-8M-50RSB	
		84.03	33	1F	82.68	90.0	15	42.0	60.0	—	70.0	—	60.0	2.42	PHP 33-8M-50RSB	
		86.58	34	1F	85.22	95.0	15	44.0	60.0	—	70.0	—	70.0	2.69	PHP 34-8M-50RSB	
		89.13	35	1F	87.76	95.0	15	45.0	60.0	—	70.0	—	70.0	2.83	PHP 35-8M-50RSB	
		91.67	36	1F	90.30	100.0	15	46.0	60.0	—	70.0	—	70.0	2.97	PHP 36-8M-50RSB	
		96.77	38	1F	95.39	105.0	15	50.0	60.0	—	70.0	—	75.0	3.23	PHP 38-8M-50RSB	

HTD pulleys

8 mm pitch pilot bore (RSB) | 14 mm pitch pilot bore (RSB)



Type 1F

Type 2F

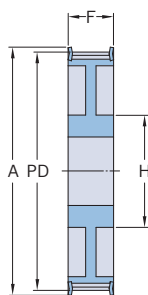
Type 3

Type 5

Type 7

Pitch	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Dimensions Outer diameter OD	A	B Min.	Max.	F	K	L	M	H	Mass	Designation	
mm			–	–	mm									kg	–	
8	50	101.86	40	1F	100.49	110.0	18	50.0	60.0	–	70.0	–	75.0	3.50	PHP 40-8M-50RSB	
		104.41	42	1F	103.03	111.0	18	50.0	60.0	–	70.0	–	75.0	3.70	PHP 42-8M-50RSB	
		112.05	44	1F	110.67	121.0	18	50.0	60.0	–	70.0	–	75.0	3.90	PHP 44-8M-50RSB	
		114.59	45	1F	113.22	121.0	18	50.0	60.0	–	70.0	–	75.0	4.00	PHP 45-8M-50RSB	
		122.23	48	1F	120.86	131.0	18	54.0	60.0	–	70.0	–	80.0	4.30	PHP 48-8M-50RSB	
		124.78	50	1F	123.41	131.0	18	54.0	60.0	–	70.0	–	80.0	4.48	PHP 50-8M-50RSB	
		127.32	52	1F	125.95	140.0	18	60.0	60.0	–	70.0	–	90.0	4.65	PHP 52-8M-50RSB	
		142.60	56	7F	141.23	151.0	18	60.0	60.0	–	60.0	–	90.0	5.00	PHP 56-8M-50RSB	
		152.79	60	7F	151.42	158.0	18	60.0	60.0	–	60.0	–	90.0	5.30	PHP 60-8M-50RSB	
		162.97	64	7F	161.60	171.0	18	60.0	60.0	–	60.0	–	100.0	5.60	PHP 64-8M-50RSB	
		183.35	72	7F	181.97	192.0	18	63.0	60.0	–	60.0	–	100.0	6.80	PHP 72-8M-50RSB	
		203.72	80	7	202.35	–	18	60.0	60.0	–	60.0	–	110.0	6.90	PHP 80-8M-50RSB	
	229.18	90	7	227.81	–	18	60.0	60.0	–	60.0	–	110.0	8.60	PHP 90-8M-50RSB		
	285.21	112	3	283.83	–	20	60.0	60.0	–	60.0	–	110.0	9.60	PHP 112-8M-50RSB		
	366.69	144	3	365.32	–	20	60.0	60.0	–	60.0	–	110.0	13.80	PHP 144-8M-50RSB		
	427.81	168	3	426.44	–	20	60.0	60.0	–	60.0	–	120.0	16.00	PHP 168-8M-50RSB		
	488.92	192	3	487.55	–	20	60.0	60.0	–	60.0	–	130.0	22.40	PHP 192-8M-50RSB		
	8	85	56.02	22	1F	54.65	65.0	12	29.0	95.0	–	105.0	–	43.0	1.55	PHP 22-8M-85RSB
			58.57	23	1F	57.20	65.0	12	30.0	95.0	–	105.0	–	45.0	1.73	PHP 23-8M-85RSB
			61.12	24	1F	59.75	70.0	12	30.0	95.0	–	105.0	–	45.0	1.90	PHP 24-8M-85RSB
			63.66	25	1F	62.28	70.0	12	34.0	95.0	–	105.0	–	50.0	2.08	PHP 25-8M-85RSB
			66.21	26	1F	64.84	75.0	12	34.0	95.0	–	105.0	–	50.0	2.25	PHP 26-8M-85RSB
			68.75	27	1F	67.39	75.0	12	34.0	95.0	–	105.0	–	50.0	2.40	PHP 27-8M-85RSB
			71.30	28	1F	70.08	80.0	15	34.0	95.0	–	105.0	–	50.0	2.55	PHP 28-8M-85RSB
76.39			30	1F	75.13	85.0	15	35.0	95.0	–	105.0	–	55.0	3.00	PHP 30-8M-85RSB	
78.94			31	1F	77.65	87.0	15	38.0	95.0	–	105.0	–	55.0	3.23	PHP 31-8M-85RSB	
81.49			32	1F	80.16	90.0	15	42.0	95.0	–	105.0	–	60.0	3.57	PHP 32-8M-85RSB	
84.03			33	1F	82.68	90.0	15	44.0	95.0	–	105.0	–	60.0	3.75	PHP 33-8M-85RSB	
86.58			34	1F	85.22	95.0	15	44.0	95.0	–	105.0	–	70.0	4.00	PHP 34-8M-85RSB	
89.13		35	1F	87.76	95.0	15	44.0	95.0	–	105.0	–	70.0	4.25	PHP 35-8M-85RSB		
91.67		36	1F	90.30	100.0	15	44.0	95.0	–	105.0	–	70.0	4.50	PHP 36-8M-85RSB		
96.77		38	1F	95.39	106.0	15	50.0	95.0	–	105.0	–	75.0	4.90	PHP 38-8M-85RSB		
101.86		40	1F	100.49	110.0	18	50.0	95.0	–	105.0	–	75.0	5.20	PHP 40-8M-85RSB		
106.95		42	1F	105.58	110.0	18	50.0	95.0	–	105.0	–	75.0	6.08	PHP 42-8M-85RSB		
112.05		44	1F	110.67	121.0	18	50.0	95.0	–	105.0	–	75.0	6.60	PHP 44-8M-85RSB		
114.59		45	1F	113.22	121.0	18	50.0	95.0	–	105.0	–	75.0	6.85	PHP 45-8M-85RSB		
122.23		48	1F	120.86	131.0	18	54.0	95.0	–	105.0	–	80.0	7.60	PHP 48-8M-85RSB		
127.32		50	1F	125.95	131.0	20	54.0	95.0	–	105.0	–	80.0	8.15	PHP 50-8M-85RSB		
132.42		52	1F	131.05	140.0	20	54.0	95.0	–	105.0	–	80.0	8.70	PHP 52-8M-85RSB		
142.60		56	1F	141.23	151.0	20	54.0	95.0	–	105.0	–	80.0	9.80	PHP 56-8M-85RSB		
152.79		60	7F	151.42	158.0	20	66.0	95.0	–	95.0	–	100.0	10.10	PHP 60-8M-85RSB		
162.97	64	7F	161.60	171.0	20	66.0	95.0	–	95.0	–	100.0	10.40	PHP 64-8M-85RSB			
183.35	72	7F	181.97	192.0	20	66.0	95.0	–	95.0	–	110.0	11.40	PHP 72-8M-85RSB			
203.72	80	3	202.35	–	20	66.0	95.0	–	95.0	–	110.0	11.10	PHP 80-8M-85RSB			
229.18	90	3	227.81	–	20	66.0	95.0	–	95.0	–	110.0	13.20	PHP 90-8M-85RSB			
285.21	112	3	283.83	–	24	66.0	95.0	–	95.0	–	110.0	16.30	PHP 112-8M-85RSB			
366.69	144	3	365.32	–	24	72.0	95.0	–	95.0	–	120.0	21.50	PHP 144-8M-85RSB			
427.81	168	3	426.44	–	24	72.0	95.0	–	95.0	–	120.0	26.10	PHP 168-8M-85RSB			
488.92	192	3	487.55	–	24	78.0	95.0	–	95.0	–	130.0	30.60	PHP 192-8M-85RSB			
14	40	124.78	28	1F	122.12	127.0	24	67.0	54.0	–	69.0	–	100.0	4.73	PHP 28-14M-40RSB	
		129.23	29	1F	126.57	138.0	24	67.0	54.0	–	69.0	–	100.0	5.09	PHP 29-14M-40RSB	
		133.69	30	1F	130.99	138.0	24	67.0	54.0	–	69.0	–	100.0	5.45	PHP 30-14M-40RSB	
		142.60	32	1F	139.88	154.0	24	67.0	54.0	–	69.0	–	100.0	6.17	PHP 32-14M-40RSB	

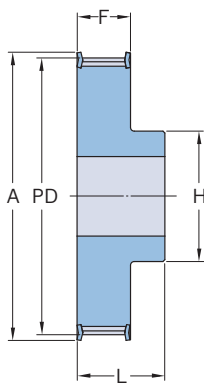
HTD pulleys 14 mm pitch pilot bore (RSB)



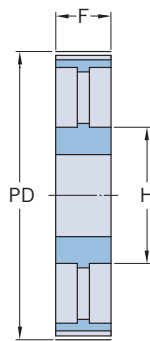
Type 7F

Pitch	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Dimensions	Outer diameter OD	A	B Min.	Max.	F	K	L	M	H	Mass	Designation	
mm			—	—	mm										kg	—	
14	40	151.52	34	1F	148.79	160.0	24	67.0	54.0	—	69.0	—	100.0	6.88	PHP 34-14M-40RSB		
		160.43	36	1F	157.68	168.0	24	67.0	54.0	—	69.0	—	100.0	7.60	PHP 36-14M-40RSB		
		169.34	38	1F	166.60	183.0	24	80.0	54.0	—	69.0	—	120.0	8.28	PHP 38-14M-40RSB		
		178.25	40	1F	175.49	188.0	24	80.0	54.0	—	69.0	—	120.0	9.26	PHP 40-14M-40RSB		
		196.08	44	1F	193.28	211.0	24	80.0	54.0	—	69.0	—	120.0	10.32	PHP 44-14M-40RSB		
		213.90	48	2F	211.11	226.0	24	82.0	54.0	—	69.0	—	135.0	11.50	PHP 48-14M-40RSB		
		249.55	56	2F	246.76	256.0	28	82.0	54.0	—	69.0	—	135.0	13.05	PHP 56-14M-40RSB		
		285.21	64	2F	282.41	296.0	28	82.0	54.0	—	69.0	—	135.0	14.40	PHP 64-14M-40RSB		
		320.86	72	5	318.06	—	28	82.0	54.0	—	69.0	—	135.0	16.90	PHP 72-14M-40RSB		
		356.51	80	5	353.71	—	28	82.0	54.0	—	69.0	—	135.0	18.50	PHP 80-14M-40RSB		
		401.07	90	5	398.28	—	28	82.0	54.0	—	69.0	—	135.0	20.00	PHP 90-14M-40RSB		
		499.11	112	5	496.32	—	28	82.0	54.0	—	69.0	—	135.0	26.70	PHP 112-14M-40RSB		
		641.71	144	5	638.92	—	28	82.0	54.0	—	69.0	—	135.0	35.00	PHP 144-14M-40RSB		
		748.66	168	5	745.87	—	28	82.0	54.0	—	69.0	—	135.0	44.20	PHP 168-14M-40RSB		
		855.92	192	5	852.82	—	28	82.0	54.0	—	69.0	—	135.0	52.20	PHP 192-14M-40RSB		
		962.57	216	5	959.76	—	28	90.0	54.0	—	69.0	—	150.0	60.00	PHP 216-14M-40RSB		
		14	55	124.78	28	1F	122.12	127.0	24	67.0	70.0	—	85.0	—	100.0	5.60	PHP 28-14M-55RSB
				129.23	29	1F	126.57	138.0	24	67.0	70.0	—	85.0	—	100.0	6.10	PHP 29-14M-55RSB
				133.69	30	1F	130.99	138.0	24	67.0	70.0	—	85.0	—	100.0	6.60	PHP 30-14M-55RSB
				142.60	32	1F	139.88	154.0	24	67.0	70.0	—	85.0	—	100.0	7.60	PHP 32-14M-55RSB
151.52	34			1F	148.79	160.0	24	67.0	70.0	—	85.0	—	100.0	8.60	PHP 34-14M-55RSB		
160.43	36			1F	157.68	168.0	24	67.0	70.0	—	85.0	—	100.0	9.60	PHP 36-14M-55RSB		
169.34	38			1F	166.60	183.0	24	80.0	70.0	—	85.0	—	120.0	10.80	PHP 38-14M-55RSB		
178.25	40			1F	175.49	188.0	24	80.0	70.0	—	85.0	—	120.0	11.20	PHP 40-14M-55RSB		
196.08	44			1F	193.28	211.0	24	80.0	70.0	—	85.0	—	120.0	12.50	PHP 44-14M-55RSB		
213.90	48			7F	211.11	226.0	24	82.0	70.0	—	70.0	—	135.0	13.70	PHP 48-14M-55RSB		
249.55	56			7F	246.76	256.0	28	82.0	70.0	—	70.0	—	135.0	14.50	PHP 56-14M-55RSB		
285.21	64			7F	282.41	296.0	28	82.0	70.0	—	70.0	—	135.0	15.60	PHP 64-14M-55RSB		
320.86	72			3	318.06	—	28	82.0	70.0	—	70.0	—	135.0	18.50	PHP 72-14M-55RSB		
356.51	80			3	353.71	—	28	82.0	70.0	—	70.0	—	135.0	20.00	PHP 80-14M-55RSB		
401.07	90			3	398.28	—	28	82.0	70.0	—	70.0	—	135.0	22.60	PHP 90-14M-55RSB		
499.11	112			3	496.32	—	28	82.0	70.0	—	70.0	—	135.0	29.50	PHP 112-14M-55RSB		
641.71	144			3	638.92	—	28	82.0	70.0	—	70.0	—	135.0	39.00	PHP 144-14M-55RSB		
748.66	168			3	745.87	—	28	82.0	70.0	—	70.0	—	135.0	48.50	PHP 168-14M-55RSB		
855.62	192			3	852.82	—	28	82.0	70.0	—	70.0	—	135.0	57.80	PHP 192-14M-55RSB		
962.57	216			3	959.76	—	28	82.0	70.0	—	70.0	—	150.0	67.00	PHP 216-14M-55RSB		
14	85	124.78	28	1F	122.12	127.0	24	67.0	102.0	—	117.0	—	100.0	7.70	PHP 28-14M-85RSB		
		129.23	29	1F	126.57	138.0	24	67.0	102.0	—	117.0	—	100.0	8.40	PHP 29-14M-85RSB		
		133.69	30	1F	130.99	138.0	24	67.0	102.0	—	117.0	—	100.0	9.10	PHP 30-14M-85RSB		
		142.60	32	1F	139.88	154.0	24	67.0	102.0	—	117.0	—	100.0	10.50	PHP 32-14M-85RSB		
		151.52	34	1F	148.79	160.0	24	67.0	102.0	—	117.0	—	100.0	11.90	PHP 34-14M-85RSB		
		160.43	36	1F	157.68	168.0	32	67.0	102.0	—	117.0	—	100.0	13.20	PHP 36-14M-85RSB		
		169.34	38	1F	166.60	183.0	32	80.0	102.0	—	117.0	—	120.0	15.15	PHP 38-14M-85RSB		
		178.25	40	1F	175.49	188.0	32	90.0	102.0	—	117.0	—	135.0	17.10	PHP 40-14M-85RSB		
		196.08	44	1F	193.28	211.0	32	90.0	102.0	—	117.0	—	135.0	23.30	PHP 44-14M-85RSB		
		213.90	48	1F	211.11	226.0	32	100.0	102.0	—	117.0	—	150.0	25.00	PHP 48-14M-85RSB		
		249.55	56	7F	246.76	256.0	32	90.0	102.0	—	102.0	—	150.0	25.00	PHP 56-14M-85RSB		
		285.21	64	7F	282.41	296.0	32	90.0	102.0	—	102.0	—	150.0	28.20	PHP 64-14M-85RSB		
		320.86	72	3	318.06	—	32	90.0	102.0	—	102.0	—	150.0	28.80	PHP 72-14M-85RSB		
		356.51	80	3	353.71	—	32	90.0	102.0	—	102.0	—	150.0	30.10	PHP 80-14M-85RSB		
		401.07	90	3	398.28	—	32	90.0	102.0	—	102.0	—	150.0	33.00	PHP 90-14M-85RSB		
		499.11	112	3	496.32	—	32	90.0	102.0	—	102.0	—	150.0	41.80	PHP 112-14M-85RSB		
		641.71	144	3	638.92	—	32	90.0	102.0	—	102.0	—	150.0	52.40	PHP 144-14M-85RSB		

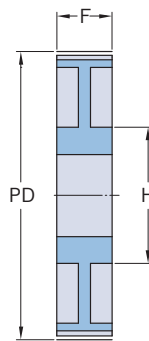
HTD pulleys
14 mm pitch pilot bore (RSB)



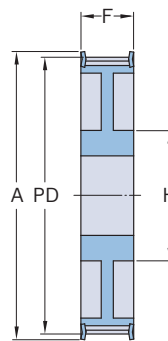
Type 1F



Type 3



Type 7

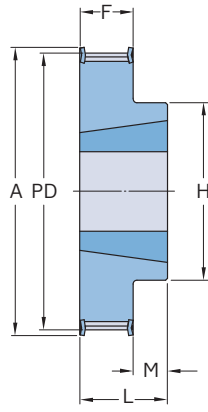


Type 7F

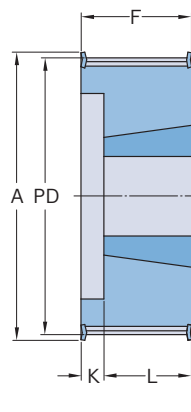
Pitch	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Dimensions	Outer diameter OD	A	B Min.	Max.	F	K	L	M	H	Mass	Designation
mm			–	–	mm										kg	–
14	85	748.66	168	3	745.87	–	32	90.0	102.0	–	–	102.0	–	150.0	60.30	PHP 168-14M-85RSB
		855.62	192	3	852.82	–	32	100.0	102.0	–	–	102.0	–	165.0	70.20	PHP 192-14M-85RSB
		962.57	216	3	959.76	–	32	100.0	102.0	–	–	102.0	–	165.0	81.00	PHP 216-14M-85RSB
14	115	124.78	28	1F	122.12	127.0	32	67.0	133.0	–	–	148.0	–	100.0	9.20	PHP 28-14M-115RSB
		129.23	29	1F	126.57	138.0	32	67.0	133.0	–	–	148.0	–	100.0	10.20	PHP 29-14M-115RSB
		133.69	30	1F	130.99	138.0	32	67.0	133.0	–	–	148.0	–	100.0	11.20	PHP 30-14M-115RSB
		142.60	32	1F	139.88	154.0	32	67.0	133.0	–	–	148.0	–	100.0	13.20	PHP 32-14M-115RSB
		151.52	34	1F	148.79	160.0	32	67.0	133.0	–	–	148.0	–	100.0	14.80	PHP 34-14M-115RSB
		160.43	36	1F	157.68	168.0	32	80.0	133.0	–	–	148.0	–	120.0	16.60	PHP 36-14M-115RSB
		169.34	38	1F	166.60	183.0	32	80.0	133.0	–	–	148.0	–	120.0	19.20	PHP 38-14M-115RSB
		178.25	40	1F	175.49	188.0	32	90.0	133.0	–	–	148.0	–	135.0	20.56	PHP 40-14M-115RSB
		196.08	44	1F	193.28	211.0	32	94.0	133.0	–	–	148.0	–	140.0	26.00	PHP 44-14M-115RSB
		213.90	48	1F	211.11	226.0	32	100.0	133.0	–	–	148.0	–	150.0	30.00	PHP 48-14M-115RSB
		249.55	56	1F	246.76	256.0	32	100.0	133.0	–	–	148.0	–	150.0	36.00	PHP 56-14M-115RSB
		285.21	64	7F	282.41	296.0	32	90.0	133.0	–	–	133.0	–	150.0	39.00	PHP 64-14M-115RSB
		320.86	72	3	318.06	–	32	90.0	133.0	–	–	133.0	–	150.0	32.83	PHP 72-14M-115RSB
		356.51	80	3	353.71	–	32	90.0	133.0	–	–	133.0	–	150.0	35.55	PHP 80-14M-115RSB
		401.07	90	3	398.28	–	32	90.0	133.0	–	–	133.0	–	150.0	41.00	PHP 90-14M-115RSB
		499.11	112	3	496.32	–	32	90.0	133.0	–	–	133.0	–	150.0	54.40	PHP 112-14M-115RSB
		641.71	144	3	638.92	–	32	100.0	133.0	–	–	133.0	–	165.0	67.80	PHP 144-14M-115RSB
		748.66	168	3	745.87	–	32	100.0	133.0	–	–	133.0	–	165.0	75.80	PHP 168-14M-115RSB
		855.62	192	3	852.82	–	32	100.0	133.0	–	–	133.0	–	165.0	90.30	PHP 192-14M-115RSB
		962.57	216	3	959.76	–	32	100.0	133.0	–	–	133.0	–	165.0	105.00	PHP 216-14M-115RSB
14	170	124.78	28	1F	122.12	127.0	32	67.0	187.0	–	–	202.0	–	100.0	13.80	PHP 28-14M-170RSB
		129.23	29	1F	126.57	138.0	32	67.0	187.0	–	–	202.0	–	100.0	14.20	PHP 29-14M-170RSB
		133.69	30	1F	130.99	138.0	32	67.0	187.0	–	–	202.0	–	100.0	15.60	PHP 30-14M-170RSB
		142.60	32	1F	139.88	154.0	32	67.0	187.0	–	–	202.0	–	100.0	18.10	PHP 32-14M-170RSB
		151.52	34	1F	148.79	160.0	32	67.0	187.0	–	–	202.0	–	100.0	20.40	PHP 34-14M-170RSB
		160.43	36	1F	157.68	168.0	32	80.0	187.0	–	–	202.0	–	120.0	23.50	PHP 36-14M-170RSB
		169.34	38	1F	166.60	183.0	32	90.0	187.0	–	–	202.0	–	135.0	26.50	PHP 38-14M-170RSB
		178.25	40	1F	175.49	188.0	32	94.0	187.0	–	–	202.0	–	140.0	30.10	PHP 40-14M-170RSB
		196.08	44	1F	193.28	211.0	32	100.0	187.0	–	–	202.0	–	160.0	37.80	PHP 44-14M-170RSB
		213.90	48	1F	211.11	226.0	32	107.0	187.0	–	–	202.0	–	160.0	44.50	PHP 48-14M-170RSB
		249.55	56	1F	246.76	256.0	32	110.0	187.0	–	–	202.0	–	160.0	61.00	PHP 56-14M-170RSB
		285.21	64	1F	282.41	296.0	32	120.0	187.0	–	–	202.0	–	180.0	81.00	PHP 64-14M-170RSB
		320.86	72	7	318.06	–	32	120.0	187.0	–	–	187.0	–	180.0	61.40	PHP 72-14M-170RSB
		356.51	80	7	353.71	–	32	108.0	187.0	–	–	187.0	–	180.0	65.00	PHP 80-14M-170RSB
		401.07	90	3	398.28	–	38	108.0	187.0	–	–	187.0	–	180.0	68.00	PHP 90-14M-170RSB
		499.11	112	3	496.32	–	38	108.0	187.0	–	–	187.0	–	200.0	87.50	PHP 112-14M-170RSB
		641.71	144	3	638.92	–	38	108.0	187.0	–	–	187.0	–	220.0	114.80	PHP 144-14M-170RSB
		748.66	168	3	745.87	–	38	108.0	187.0	–	–	187.0	–	220.0	125.00	PHP 168-14M-170RSB
		855.62	192	3	852.82	–	38	108.0	187.0	–	–	187.0	–	220.0	136.40	PHP 192-14M-170RSB
		962.57	216	3	959.76	–	38	108.0	187.0	–	–	187.0	–	220.0	147.00	PHP 216-14M-170RSB

HTD pulleys

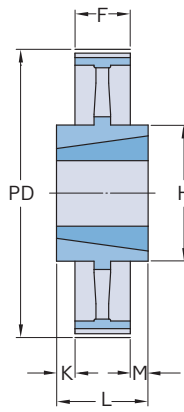
5 mm pitch taper bushed | 8 mm pitch taper bushed



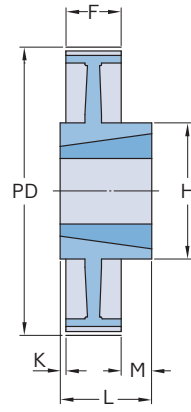
Type 3F



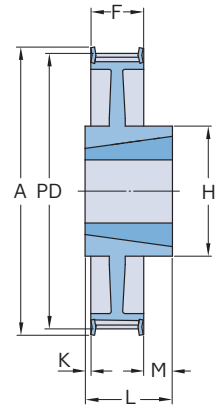
Type 4F



Type 10



Type 12

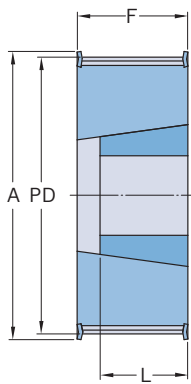


Type 12F

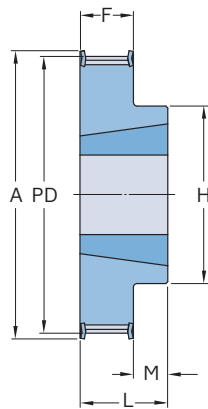
Pitch	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Bushing number	Dimensions											Mass ¹⁾	Designation
						Outer diameter OD	A	B Min.	Max.	F	K	L	M	H			kg	-
mm			-	-	-	mm												
5	15	54.11	34	3F	1008	52.97	58	9	25.0	20.5	-	22.0	1.5	43	0.19	PHP 34-5M-15TB		
		57.30	36	3F	1108	56.16	61	9	28.0	20.5	-	22.0	1.5	45	0.20	PHP 36-5M-15TB		
		60.48	38	3F	1108	59.34	65	9	28.0	20.5	-	22.0	1.5	48	0.25	PHP 38-5M-15TB		
		63.66	40	3F	1108	62.52	68	9	28.0	20.5	-	22.0	1.5	52	0.31	PHP 40-5M-15TB		
		70.03	44	3F	1108	68.89	74	9	28.0	20.5	-	22.0	1.5	54	0.40	PHP 44-5M-15TB		
		76.39	48	3F	1210	75.25	80	11	32.0	20.5	-	25.0	4.5	64	0.45	PHP 48-5M-15TB		
		89.13	56	3F	1210	87.99	93	11	32.0	20.5	-	25.0	4.5	70	0.67	PHP 56-5M-15TB		
		101.86	64	3F	1210	100.72	106	11	32.0	20.5	-	25.0	4.5	78	0.96	PHP 64-5M-15TB		
		114.59	72	3F	1610	113.45	118	14	42.0	20.5	-	25.0	4.5	90	1.19	PHP 72-5M-15TB		
		127.32	80	3F	1610	126.18	135	14	42.0	20.5	-	25.0	4.5	92	1.57	PHP 80-5M-15TB		
		143.24	90	10	1610	142.10	-	14	42.0	20.5	2.3	25.0	2.3	92	1.47	PHP 90-5M-15TB		
		178.25	112	10	2012	177.11	-	14	42.0	20.5	2.3	25.0	2.3	92	1.94	PHP 112-5M-15TB		
		216.45	136	10	2012	215.31	-	14	50.0	20.5	5.8	32.0	5.8	106	3.06	PHP 136-5M-15TB		
		238.73	150	10	2012	237.51	-	14	50.0	20.5	5.8	32.0	5.8	106	4.50	PHP 150-5M-15TB		
8	20	56.02	22	4F	1108	54.65	65	9	25.0	28.0	6.0	22.0	-	-	0.24	PHP 22-8M-20TB		
		61.12	24	4F	1108	59.75	70	9	28.0	28.0	6.0	22.0	-	-	0.30	PHP 24-8M-20TB		
		66.21	26	4F	1108	64.84	75	9	28.0	28.0	6.0	22.0	-	-	0.36	PHP 26-8M-20TB		
		71.30	28	4F	1108	70.08	80	9	28.0	28.0	6.0	22.0	-	-	0.44	PHP 28-8M-20TB		
		76.39	30	4F	1108	75.13	85	11	28.0	28.0	6.0	22.0	-	-	0.45	PHP 30-8M-20TB		
		81.49	32	4F	1610	80.16	90	11	42.0	28.0	3.0	25.0	-	-	0.50	PHP 32-8M-20TB		
		86.58	34	4F	1610	85.22	95	14	42.0	28.0	3.0	25.0	-	-	0.55	PHP 34-8M-20TB		
		91.67	36	4F	1610	90.30	100	14	42.0	28.0	3.0	25.0	-	-	0.68	PHP 36-8M-20TB		
		96.77	38	4F	1610	95.39	106	14	42.0	28.0	3.0	25.0	-	-	0.80	PHP 38-8M-20TB		
		101.86	40	4F	1610	100.49	110	14	42.0	28.0	3.0	25.0	-	-	1.00	PHP 40-8M-20TB		
		106.95	42	4F	1610	105.58	110	14	42.0	28.0	3.0	25.0	-	-	1.11	PHP 42-8M-20TB		
		112.05	44	3F	2012	110.67	121	14	50.0	28.0	-	32.0	4.0	92	1.20	PHP 44-8M-20TB		
		122.23	48	3F	2012	120.86	131	14	50.0	28.0	-	32.0	4.0	96	1.60	PHP 48-8M-20TB		
		142.60	56	3F	2012	141.23	151	14	50.0	28.0	-	32.0	4.0	110	2.40	PHP 56-8M-20TB		
		152.79	60	3F	2012	151.42	162	14	50.0	28.0	-	32.0	4.0	110	2.55	PHP 60-8M-20TB		
		162.97	64	12F	2012	161.60	171	14	50.0	28.0	-	32.0	4.0	110	2.70	PHP 64-8M-20TB		
		183.35	72	12F	2012	181.97	192	14	50.0	28.0	-	32.0	4.0	110	3.30	PHP 72-8M-20TB		
		203.72	80	12	2012	202.35	-	16	50.0	28.0	-	32.0	4.0	110	3.50	PHP 80-8M-20TB		
		229.18	90	12	2012	227.81	-	16	50.0	28.0	-	32.0	4.0	110	3.65	PHP 90-8M-20TB		
8	30	50.93	20	4F	1008	49.56	60	9	25.0	38.0	16.0	22.0	-	-	0.23	PHP 20-8M-30TB		
		53.47	21	4F	1008	52.10	65	9	25.0	38.0	16.0	22.0	-	-	0.26	PHP 21-8M-30TB		
		56.02	22	4F	1008	54.65	65	9	25.0	38.0	16.0	22.0	-	-	0.29	PHP 22-8M-30TB		
		58.57	23	4F	1108	57.20	70	9	28.0	38.0	16.0	22.0	-	-	0.32	PHP 23-8M-30TB		
		61.12	24	4F	1108	59.75	70	9	28.0	38.0	16.0	22.0	-	-	0.38	PHP 24-8M-30TB		
		63.66	25	4F	1108	62.29	75	9	28.0	38.0	16.0	22.0	-	-	0.41	PHP 25-8M-30TB		
		66.21	26	4F	1108	64.84	75	9	28.0	38.0	16.0	22.0	-	-	0.45	PHP 26-8M-30TB		
		68.75	27	4F	1108	67.38	80	9	28.0	38.0	16.0	22.0	-	-	0.49	PHP 27-8M-30TB		
		71.30	28	4F	1210	70.08	80	11	32.0	38.0	16.0	25.0	-	-	0.50	PHP 28-8M-30TB		

¹⁾ Mass does not include bushings.

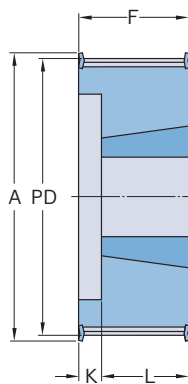
HTD pulleys
8 mm pitch taper bushed



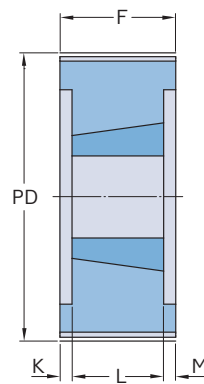
Type 2F



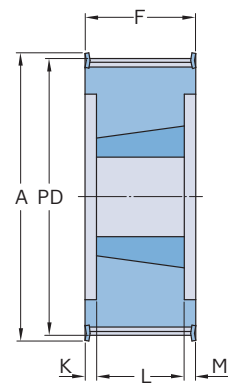
Type 3F



Type 4F



Type 6

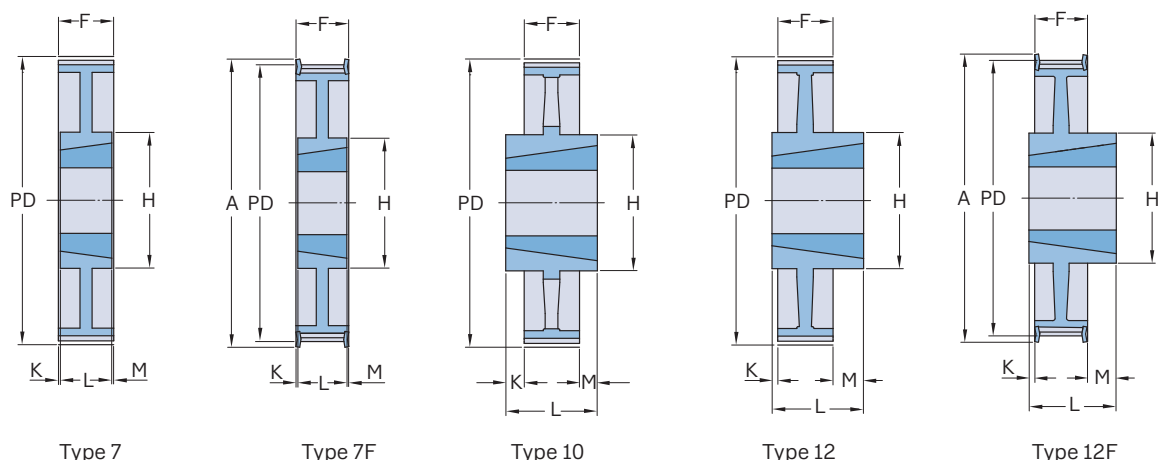


Type 6F

Pitch	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Bushing number	Dimensions									Mass ¹⁾	Designation
						Outer diameter OD	A	B Min.	Max.	F	K	L	M	H		
mm			–	–	–	mm									kg	–
8	30	76.39	30	2F	1615	75.13	85	11	42.0	38.0	–	38.0	–	–	0.55	PHP 30-8M-30TB
		78.94	31	2F	1615	77.57	90	14	42.0	38.0	–	38.0	–	–	0.57	PHP 31-8M-30TB
		81.49	32	2F	1615	80.16	90	14	42.0	38.0	–	38.0	–	–	0.59	PHP 32-8M-30TB
		84.03	33	2F	1615	82.66	95	14	42.0	38.0	–	38.0	–	–	0.73	PHP 33-8M-30TB
		86.58	34	2F	1615	85.22	95	14	42.0	38.0	–	38.0	–	–	0.77	PHP 34-8M-30TB
		89.13	35	2F	1615	87.75	100	14	42.0	38.0	–	38.0	–	–	0.82	PHP 35-8M-30TB
		91.67	36	2F	1615	90.30	100	14	42.0	38.0	–	38.0	–	–	0.96	PHP 36-8M-30TB
		96.77	38	2F	1615	95.39	106	14	42.0	38.0	–	38.0	–	–	1.15	PHP 38-8M-30TB
		101.86	40	2F	1615	100.49	110	14	42.0	38.0	–	38.0	–	–	1.34	PHP 40-8M-30TB
		106.95	42	2F	1615	105.58	110	14	42.0	38.0	–	38.0	–	–	1.36	PHP 42-8M-30TB
		112.05	44	6F	2012	110.67	121	14	50.0	38.0	6.0	32.0	–	–	1.33	PHP 44-8M-30TB
		114.59	45	6F	2012	113.22	121	14	50.0	38.0	6.0	32.0	–	–	1.62	PHP 45-8M-30TB
		122.23	48	6F	2012	120.86	131	14	50.0	38.0	6.0	32.0	–	–	1.78	PHP 48-8M-30TB
		127.32	50	6F	2012	125.95	136	14	50.0	38.0	3.0	32.0	3.0	–	2.08	PHP 50-8M-30TB
		132.42	52	6F	2012	131.04	141	14	50.0	38.0	3.0	32.0	3.0	–	2.39	PHP 52-8M-30TB
		142.60	56	6F	2012	141.23	151	14	50.0	38.0	6.0	32.0	–	–	3.76	PHP 56-8M-30TB
		147.70	58	6F	2012	146.32	156	14	50.0	38.0	3.0	32.0	3.0	–	3.87	PHP 58-8M-30TB
		152.79	60	6F	2517	151.42	162	16	60.0	38.0	3.0	45.0	3.0	–	3.98	PHP 60-8M-30TB
		162.97	64	3F	2517	161.60	171	16	60.0	38.0	–	45.0	7.0	125	4.20	PHP 64-8M-30TB
		183.35	72	12F	2517	181.97	192	16	60.0	38.0	–	45.0	7.0	125	4.30	PHP 72-8M-30TB
		203.72	80	12	2517	202.35	–	16	60.0	38.0	–	45.0	7.0	125	4.60	PHP 80-8M-30TB
		229.18	90	12	2517	227.81	–	16	60.0	38.0	–	45.0	7.0	125	5.00	PHP 90-8M-30TB
		285.21	112	12	2517	283.83	–	16	60.0	38.0	–	45.0	7.0	125	6.20	PHP 112-8M-30TB
		366.69	144	12	2517	365.32	–	16	60.0	38.0	–	45.0	7.0	125	9.00	PHP 144-8M-30TB
		427.81	168	10	3020	426.44	–	25	75.0	38.0	7.0	51.0	7.0	170	15.00	PHP 168-8M-30TB
		488.92	192	10	3525	487.55	–	35	100.0	38.0	14.0	65.0	7.0	198	18.50	PHP 192-8M-30TB

¹⁾ Mass does not include bushings.

HTD pulleys 8 mm pitch taper bushed

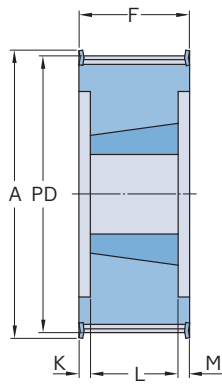


Pitch	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Bushing number	Dimensions					F	K	L	M	H	Mass ¹⁾	Designation
						Outer diameter OD	A	B Min.	Max.								
mm			—	—	—	mm									kg	—	
8	50	61.12	24	6F	1108	59.75	70	9	32.0	60.0	19.0	22.0	19.0	—	0.35	PHP 24-8M-50TB	
		66.21	26	6F	1108	64.84	75	9	32.0	60.0	19.0	22.0	19.0	—	0.48	PHP 26-8M-50TB	
		68.75	27	6F	1108	67.38	75	9	32.0	60.0	19.0	22.0	19.0	—	0.55	PHP 27-8M-50TB	
		71.30	28	4F	1210	70.08	80	11	32.0	60.0	35.0	22.0	35.0	—	0.60	PHP 28-8M-50TB	
		76.39	30	4F	1615	75.13	85	14	42.0	60.0	23.0	25.0	—	—	0.65	PHP 30-8M-50TB	
		78.94	31	4F	1615	77.57	87	14	42.0	60.0	23.0	25.0	—	—	0.77	PHP 31-8M-50TB	
		81.49	32	4F	1615	80.16	90	14	42.0	60.0	23.0	25.0	—	—	0.82	PHP 32-8M-50TB	
		84.03	33	4F	1615	82.66	90	14	42.0	60.0	23.0	25.0	—	—	0.98	PHP 33-8M-50TB	
		86.58	34	4F	1615	85.22	95	14	42.0	60.0	23.0	25.0	—	—	1.06	PHP 34-8M-50TB	
		89.13	35	4F	1615	87.75	95	14	42.0	60.0	23.0	25.0	—	—	1.18	PHP 35-8M-50TB	
		91.67	36	4F	1615	90.30	100	14	42.0	60.0	23.0	25.0	—	—	1.30	PHP 36-8M-50TB	
		96.77	38	4F	1615	95.39	105	14	42.0	60.0	23.0	25.0	—	—	1.60	PHP 38-8M-50TB	
		101.86	40	4F	2012	100.49	110	14	50.0	60.0	29.0	32.0	—	—	1.71	PHP 40-8M-50TB	
		106.95	42	4F	2012	105.58	111	14	50.0	60.0	29.0	32.0	28.0	—	1.75	PHP 42-8M-50TB	
		112.05	44	6F	2012	110.67	121	14	50.0	60.0	—	32.0	28.0	—	1.78	PHP 44-8M-50TB	
		114.59	45	6F	2012	113.22	121	14	50.0	60.0	—	32.0	28.0	—	1.91	PHP 45-8M-50TB	
		122.23	48	6F	2012	120.86	131	14	50.0	60.0	—	32.0	28.0	—	2.30	PHP 48-8M-50TB	
		127.32	50	6F	2012	125.95	131	14	50.0	60.0	—	32.0	28.0	—	2.58	PHP 50-8M-50TB	
		132.42	52	6F	2012	131.04	140	14	50.0	60.0	—	32.0	28.0	—	2.85	PHP 52-8M-50TB	
		142.60	56	6F	2517	141.23	151	16	60.0	60.0	—	45.0	15.0	—	3.40	PHP 56-8M-50TB	
		147.70	58	6F	2517	146.32	156	16	60.0	60.0	—	45.0	15.0	—	3.80	PHP 58-8M-50TB	
		152.79	60	6F	2517	151.42	158	16	60.0	60.0	—	45.0	15.0	—	4.20	PHP 60-8M-50TB	
		162.97	64	6F	2517	161.60	171	16	60.0	60.0	—	45.0	15.0	—	5.00	PHP 64-8M-50TB	
		183.35	72	7F	2517	181.97	192	16	60.0	60.0	7.5	45.0	7.5	125	6.70	PHP 72-8M-50TB	
		203.72	80	6	3020	202.35	—	25	75.0	60.0	4.5	45.0	4.5	—	8.80	PHP 80-8M-50TB	
		229.18	90	7	3020	227.81	—	25	75.0	60.0	4.5	51.0	4.5	160	10.00	PHP 90-8M-50TB	
		285.21	112	7	3020	283.83	—	25	75.0	60.0	4.5	51.0	4.5	170	12.00	PHP 112-8M-50TB	

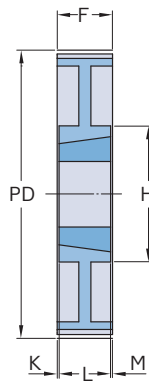
¹⁾ Mass does not include bushings.

HTD pulleys

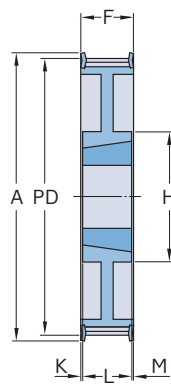
8 mm pitch taper bushed | 14 mm pitch taper bushed



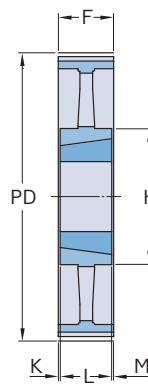
Type 6F



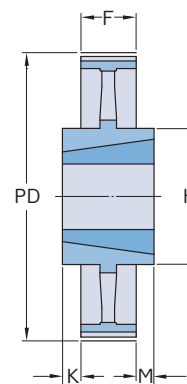
Type 7



Type 7F



Type 8



Type 10

Pitch	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Bushing number	Dimensions											Mass ¹⁾	Designation
						Outer diameter OD	A	B Min.	Max.	F	K	L	M	H			kg	–
mm			–	–	–	mm												
8	50	366.69	144	8	3020	365.32	–	25	75.0	60.0	4.5	51.0	4.5	170	15.20	PHP 144-8M-50TB		
		427.81	168	10	3525	426.44	–	25	100.0	60.0	4.5	51.0	4.5	170	16.40	PHP 168-8M-50TB		
		488.92	192	10	3525	487.55	–	25	100.0	60.0	4.5	51.0	4.5	170	21.80	PHP 192-8M-50TB		
8	85	61.12	24	6F	1108	59.75	70	9	28.0	95.0	36.5	22.0	36.5	–	0.46	PHP 24-8M-85TB		
		66.21	26	6F	1108	64.84	75	9	28.0	95.0	36.5	22.0	36.5	–	0.64	PHP 26-8M-85TB		
		71.30	28	6F	1108	70.08	80	9	28.0	95.0	36.5	22.0	36.5	–	0.82	PHP 28-8M-85TB		
		76.39	30	6F	1615	75.13	85	14	42.0	95.0	36.5	22.0	36.5	–	1.17	PHP 30-8M-85TB		
		84.03	33	6F	1615	82.66	90	14	42.0	95.0	36.5	22.0	36.5	–	1.34	PHP 33-8M-85TB		
		86.58	34	6F	1615	85.22	95	14	42.0	95.0	28.5	38.0	28.5	–	1.43	PHP 34-8M-85TB		
		89.13	35	6F	1615	87.75	95	14	42.0	95.0	28.5	38.0	28.5	–	1.54	PHP 35-8M-85TB		
		91.67	36	6F	1615	90.30	100	14	42.0	95.0	28.5	38.0	28.5	–	1.87	PHP 36-8M-85TB		
		96.77	38	6F	1615	95.39	106	14	42.0	95.0	28.5	38.0	28.5	–	2.20	PHP 38-8M-85TB		
		101.86	40	6F	2012	100.49	95	14	50.0	95.0	31.5	32.0	31.5	–	1.80	PHP 40-8M-85TB		
		106.95	42	6F	2012	105.58	95	14	50.0	95.0	31.5	32.0	31.5	–	2.16	PHP 42-8M-85TB		
		112.05	44	6F	2012	110.67	100	14	50.0	95.0	31.5	32.0	31.5	–	2.30	PHP 44-8M-85TB		
		114.59	45	6F	2012	113.22	106	14	50.0	95.0	31.5	32.0	31.5	–	2.39	PHP 45-8M-85TB		
		122.23	48	6F	2517	120.86	110	16	60.0	95.0	25.0	45.0	25.0	–	2.66	PHP 48-8M-85TB		
		127.32	50	6F	2517	125.95	110	16	60.0	95.0	25.0	45.0	25.0	–	3.11	PHP 50-8M-85TB		
		132.42	52	6F	2517	131.04	121	16	60.0	95.0	25.0	45.0	25.0	–	3.56	PHP 52-8M-85TB		
		142.60	56	6F	2517	141.23	121	16	60.0	95.0	25.0	45.0	25.0	–	4.45	PHP 56-8M-85TB		
		147.70	58	6F	2517	146.32	131	16	60.0	95.0	25.0	45.0	25.0	–	4.89	PHP 58-8M-85TB		
		152.79	60	6F	2517	151.42	131	16	60.0	95.0	25.0	45.0	25.0	–	5.33	PHP 60-8M-85TB		
		162.97	64	7F	2517	161.60	140	16	60.0	95.0	25.0	45.0	25.0	–	6.20	PHP 64-8M-85TB		
		183.35	72	7	3020	181.97	151	25	75.0	95.0	22.0	51.0	22.0	–	8.00	PHP 72-8M-85TB		
		203.72	80	8	3020	202.35	158	25	75.0	95.0	22.0	51.0	22.0	–	10.00	PHP 80-8M-85TB		
		229.18	90	8	3020	227.81	158	25	75.0	95.0	22.0	51.0	22.0	–	10.80	PHP 90-8M-85TB		
		285.21	112	8	3020	283.83	171	25	75.0	95.0	22.0	51.0	22.0	170	15.00	PHP 112-8M-85TB		
		366.69	144	8	3535	365.32	192	35	90.0	95.0	3.0	89.0	3.0	190	20.00	PHP 144-8M-85TB		
		427.81	168	8	3535	426.44	–	35	90.0	95.0	3.0	89.0	3.0	190	23.00	PHP 168-8M-85TB		
		488.92	192	8	3535	487.55	–	35	90.0	95.0	3.0	89.0	3.0	190	28.50	PHP 192-8M-85TB		
14	40	124.78	28	6F	2012	122.12	–	14	50.0	54.0	11.0	32.0	11.0	–	2.66	PHP 28-14M-40TB		
		129.23	29	6F	2012	126.57	–	14	50.0	54.0	11.0	32.0	11.0	–	2.66	PHP 29-14M-40TB		
		133.69	30	6F	2012	130.99	–	14	50.0	54.0	11.0	32.0	11.0	–	2.89	PHP 30-14M-40TB		
		142.60	32	6F	2012	139.88	–	14	50.0	54.0	11.0	32.0	11.0	–	3.51	PHP 32-14M-40TB		
		151.52	34	6F	2517	148.79	141	16	60.0	54.0	4.5	45.0	4.5	–	3.87	PHP 34-14M-40TB		
		155.97	35	6F	2517	153.18	141	16	60.0	54.0	4.5	45.0	4.5	–	4.34	PHP 35-14M-40TB		
		160.43	36	6F	2517	157.68	156	16	60.0	54.0	4.5	45.0	4.5	–	4.62	PHP 36-14M-40TB		
		169.34	38	6F	2517	166.60	156	16	60.0	54.0	4.5	45.0	4.5	–	5.40	PHP 38-14M-40TB		
		178.25	40	6F	2517	175.49	165	16	60.0	54.0	4.5	45.0	4.5	–	6.23	PHP 40-14M-40TB		
		187.17	42	6F	2517	184.37	173	16	60.0	54.0	4.5	45.0	4.5	–	6.75	PHP 42-14M-40TB		
		196.08	44	6F	3020	193.28	173	25	75.0	54.0	1.5	51.0	1.5	–	7.26	PHP 44-14M-40TB		
		200.54	45	6F	3020	197.74	182	25	75.0	54.0	1.5	51.0	1.5	–	8.20	PHP 45-14M-40TB		
		213.90	48	6F	3020	211.11	191	25	75.0	54.0	1.5	51.0	1.5	–	9.33	PHP 48-14M-40TB		
		222.82	50	6F	3020	220.02	209	25	75.0	54.0	1.5	51.0	1.5	–	10.10	PHP 50-14M-40TB		
		249.55	56	6F	3020	246.76	209	25	75.0	54.0	1.5	51.0	1.5	–	10.80	PHP 56-14M-40TB		
		267.38	60	7F	3020	264.59	227	25	75.0	54.0	1.5	51.0	1.5	170	13.10	PHP 60-14M-40TB		
		285.21	64	7F	3020	282.41	227	25	75.0	54.0	1.5	51.0	1.5	170	15.40	PHP 64-14M-40TB		
		320.86	72	7	3020	318.06	246	25	75.0	54.0	1.5	51.0	1.5	170	19.75	PHP 72-14M-40TB		
		356.51	80	8	3020	353.71	264	25	75.0	54.0	1.5	51.0	1.5	170	20.00	PHP 80-14M-40TB		
		401.07	90	8	3020	398.28	281	25	75.0	54.0	1.5	51.0	1.5	170	21.80	PHP 90-14M-40TB		
		499.11	112	8	3020	496.32	296	25	75.0	54.0	1.5	51.0	1.5	170	29.60	PHP 112-14M-40TB		
		641.71	144	8	3020	638.92	–	25	75.0	54.0	1.5	51.0	1.5	170	36.00	PHP 144-14M-40TB		
		748.66	168	8	3020	745.87	–	25	75.0	54.0	1.5	51.0	1.5	170	48.00	PHP 168-14M-40TB		

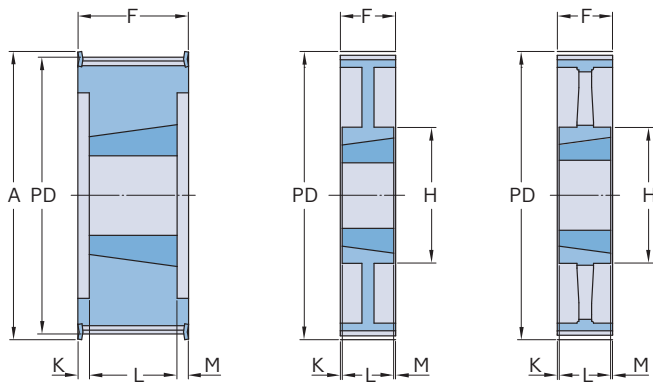
¹⁾ Mass does not include bushings.

HTD pulleys 8 mm pitch taper bushed

Pitch	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Bushing number	Dimensions Outer diameter OD	A	B Min.	Max.	F	K	L	M	H	Mass ¹⁾	Designation
mm			–	–	–	mm									kg	–
14	40	855.62	192	8	3020	852.82	–	25	75.0	54.0	1.5	51.0	1.5	170	53.00	PHP 192-14M-40TB
		962.56	216	8	3020	960.00	–	25	75.0	54.0	1.5	51.0	1.5	170	60.00	PHP 216-14M-40TB
14	55	124.78	28	6F	2012	122.12	141	14	50.0	70.0	19.0	32.0	19.0	–	2.88	PHP 28-14M-55TB
		129.23	29	6F	2012	126.57	141	14	50.0	70.0	19.0	32.0	19.0	–	3.18	PHP 29-14M-55TB
		133.69	30	6F	2517	130.99	156	16	60.0	70.0	12.5	45.0	12.5	–	3.21	PHP 30-14M-55TB
		142.60	32	6F	2517	139.88	156	16	60.0	70.0	12.5	45.0	12.5	–	3.90	PHP 32-14M-55TB
		151.51	34	6F	2517	148.79	165	16	60.0	70.0	12.5	45.0	12.5	–	4.55	PHP 34-14M-55TB
		155.97	35	6F	2517	153.18	173	16	60.0	70.0	12.5	45.0	12.5	–	4.88	PHP 35-14M-55TB
		160.43	36	6F	2517	157.68	173	16	60.0	70.0	12.5	45.0	12.5	–	5.20	PHP 36-14M-55TB
		169.34	38	6F	2517	166.60	182	16	60.0	70.0	12.5	45.0	12.5	–	6.20	PHP 38-14M-55TB
		178.25	40	6F	2517	175.49	191	16	60.0	70.0	12.5	45.0	12.5	–	7.00	PHP 40-14M-55TB
		187.17	42	6F	3020	184.37	209	25	75.0	70.0	9.5	51.0	9.5	–	7.80	PHP 42-14M-55TB
		196.08	44	6F	3020	193.28	209	25	75.0	70.0	9.5	51.0	9.5	–	8.42	PHP 44-14M-55TB
		200.54	45	6F	3020	197.74	227	25	75.0	70.0	9.5	51.0	9.5	–	9.51	PHP 45-14M-55TB
		213.90	48	6F	3020	211.11	227	25	75.0	70.0	9.5	51.0	9.5	–	10.64	PHP 48-14M-55TB
		228.82	50	6F	3020	220.02	246	25	75.0	70.0	9.5	51.0	9.5	–	11.52	PHP 50-14M-55TB
		249.55	56	6F	3020	246.76	264	25	75.0	70.0	9.5	51.0	9.5	–	12.40	PHP 56-14M-55TB
		267.38	60	7F	3020	264.59	281	25	75.0	70.0	9.5	51.0	9.5	170	14.00	PHP 60-14M-55TB
		285.21	64	7F	3020	282.41	298	25	75.0	70.0	9.5	51.0	9.5	170	15.18	PHP 64-14M-55TB
		320.86	72	7	3020	318.06	–	25	75.0	70.0	9.5	51.0	9.5	170	20.00	PHP 72-14M-55TB
		356.51	80	8	3020	353.71	–	25	75.0	70.0	9.5	51.0	9.5	170	22.50	PHP 80-14M-55TB
		401.07	90	8	3020	398.28	–	25	75.0	70.0	9.5	51.0	9.5	170	25.00	PHP 90-14M-55TB
		499.11	112	8	3020	496.32	–	25	75.0	70.0	9.5	51.0	9.5	170	33.40	PHP 112-14M-55TB
		641.71	144	8	3020	638.92	–	25	75.0	70.0	9.5	51.0	9.5	170	46.50	PHP 144-14M-55TB
		748.66	168	8	3020	745.87	–	25	75.0	70.0	9.5	51.0	9.5	170	58.50	PHP 168-14M-55TB
		855.62	192	8	3020	852.82	–	25	75.0	70.0	9.5	51.0	9.5	170	62.00	PHP 192-14M-55TB
		962.56	216	10	3535	960.00	–	35	90.0	70.0	9.5	51.0	9.5	190	74.80	PHP 216-14M-55TB
14	85	124.78	28	6F	2517	122.12	141	16	60.0	102.0	28.5	45.0	28.5	–	2.70	PHP 28-14M-85TB
		129.23	29	6F	2517	126.57	141	16	60.0	102.0	28.5	45.0	28.5	–	3.40	PHP 29-14M-85TB
		133.69	30	6F	2517	130.99	156	16	60.0	102.0	28.5	45.0	28.5	–	3.75	PHP 30-14M-85TB
		142.60	32	6F	2517	139.88	156	16	60.0	102.0	28.5	45.0	28.5	–	4.80	PHP 32-14M-85TB
		151.51	34	6F	2517	148.79	165	16	60.0	102.0	28.5	45.0	28.5	–	6.00	PHP 34-14M-85TB
		155.97	35	6F	2517	153.18	173	16	75.0	102.0	25.5	51.0	25.5	–	6.33	PHP 35-14M-85TB
		160.43	36	6F	3020	157.68	173	25	75.0	102.0	25.5	51.0	25.5	–	6.67	PHP 36-14M-85TB
		169.34	38	6F	3020	166.60	182	25	75.0	102.0	25.5	51.0	25.5	–	6.80	PHP 38-14M-85TB
		178.25	40	6F	3020	175.49	191	25	75.0	102.0	25.5	51.0	25.5	–	8.00	PHP 40-14M-85TB
		181.17	42	6F	3020	184.37	209	25	75.0	102.0	13.0	76.0	13.0	–	9.90	PHP 42-14M-85TB
		196.08	44	6F	3020	193.28	209	25	75.0	102.0	13.0	76.0	13.0	–	11.80	PHP 44-14M-85TB
		200.54	45	6F	3020	197.74	227	25	75.0	102.0	13.0	76.0	13.0	–	12.63	PHP 45-14M-85TB
		213.90	48	6F	3020	211.11	227	25	75.0	102.0	13.0	76.0	13.0	–	15.10	PHP 48-14M-85TB
		222.82	50	6F	3525	220.02	246	35	90.0	102.0	18.5	65.0	18.5	–	16.08	PHP 50-14M-85TB
		249.55	56	6F	3525	246.76	264	35	90.0	102.0	18.5	65.0	18.5	–	19.00	PHP 56-14M-85TB
		267.38	60	6F	3525	264.59	281	35	90.0	102.0	18.5	65.0	18.5	–	21.00	PHP 60-14M-85TB
		285.21	64	7F	3525	282.41	298	35	90.0	102.0	18.5	65.0	18.5	190	23.00	PHP 64-14M-85TB
		320.86	72	7	3525	318.06	–	35	90.0	102.0	18.5	65.0	18.5	190	25.00	PHP 72-14M-85TB
		356.51	80	8	3525	353.71	–	35	90.0	102.0	18.5	65.0	18.5	190	26.00	PHP 80-14M-85TB
		401.07	90	8	3525	398.28	–	35	90.0	102.0	18.5	65.0	18.5	190	27.80	PHP 90-14M-85TB
		499.11	112	8	3525	496.32	–	35	90.0	102.0	18.5	65.0	18.5	190	36.50	PHP 112-14M-85TB
		641.71	144	8	3525	638.92	–	40	100.0	102.0	18.5	65.0	18.5	230	48.00	PHP 144-14M-85TB
		748.66	168	8	3525	745.87	–	40	100.0	102.0	18.5	65.0	18.5	230	60.00	PHP 168-14M-85TB
		855.62	192	8	4040	852.82	–	40	100.0	102.0	–	102.0	–	230	86.00	PHP 192-14M-85TB
		962.56	216	8	4040	960.00	–	40	100.0	102.0	–	102.0	–	230	119.50	PHP 216-14M-85TB
14	115	124.78	28	6F	2517	122.12	141	16	60.0	133.0	44.0	45.0	44.0	–	3.77	PHP 28-14M-115TB
		129.23	29	6F	2517	126.57	141	16	60.0	133.0	44.0	45.0	44.0	–	4.00	PHP 29-14M-115TB
		133.69	30	6F	2517	130.99	156	16	60.0	133.0	44.0	45.0	44.0	–	5.00	PHP 30-14M-115TB
		142.60	32	6F	2517	139.88	156	16	60.0	133.0	44.0	45.0	44.0	–	6.00	PHP 32-14M-115TB
		151.52	34	6F	2517	148.79	165	16	60.0	133.0	44.0	45.0	44.0	–	7.20	PHP 34-14M-115TB
		155.97	35	6F	3020	153.18	173	25	75.0	133.0	41.0	51.0	41.0	–	7.00	PHP 35-14M-115TB
		160.43	36	6F	3020	157.68	173	25	75.0	133.0	41.0	51.0	41.0	–	7.30	PHP 36-14M-115TB
		169.34	38	6F	3020	166.60	182	25	75.0	133.0	41.0	51.0	41.0	–	8.40	PHP 38-14M-115TB
		178.25	40	6F	3020	175.49	191	25	75.0	133.0	41.0	51.0	41.0	–	9.20	PHP 40-14M-115TB
		187.17	42	6F	3030	184.37	209	35	75.0	133.0	28.5	76.0	28.5	–	11.60	PHP 42-14M-115TB
		196.08	44	6F	3030	193.28	209	35	75.0	133.0	28.5	76.0	28.5	–	14.00	PHP 44-14M-115TB
		200.54	45	6F	3030	197.74	227	35	75.0	133.0	28.5	76.0	28.5	–	15.60	PHP 45-14M-115TB
		213.90	48	6F	3030	211.11	227	35	75.0	133.0	28.5	76.0	28.5	–	17.10	PHP 48-14M-115TB
		222.82	50	6F	3535	220.02	246	35	90.0	133.0	22.0	89.0	22.0	–	21.00	PHP 50-14M-115TB
		249.55	56	6F	3535	246.76	264	35	90.0	133.0	22.0	89.0	22.0	–	24.80	PHP 56-14M-115TB
		267.38	60	6F	3535	264.59	281	35	90.0	133.0	22.0	89.0	22.0	–	25.90	PHP 60-14M-115TB
		285.21	64	7F	3535	282.41	298	35	90.0	133.0	22.0	89.0	22.0	190	27.00	PHP 64-14M-115TB
		320.86	72	7	3535	318.06	–	35	90.0	133.0	22.0	89.0	22.0	190	33.00	PHP 72-14M-115TB
		356.51	80	7	3535	353.71	–	35	90.0	133.0	22.0	89.0	22.0	190	37.00	PHP 80-14M-115TB
		401.07	90	7	3535	398.28	–	35	90.0	133.0	22.0	89.0	22.0	190	42.00	PHP 90-14M-115TB
		499.11	112	8	3535	496.32	–	35	90.0	133.0	22.0	89.0	22.0	190	56.00	PHP 112-14M-115TB

¹⁾ Mass does not include bushings.

HTD pulleys 14 mm pitch taper bushed



Type 6F

Type 7

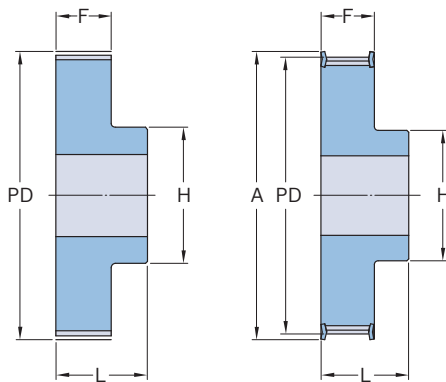
Type 8

Pitch	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Bushing number	Dimensions									Mass ¹⁾	Designation
						Outer diameter OD	A	B Min.	Max.	F	K	L	M	H		
mm			–	–	–	mm									kg	–
14	115	641.71	144	8	4040	638.92	–	40	100.0	133.0	15.5	102.0	15.5	230	75.00	PHP 144-14M-115TB
		748.66	168	8	4040	745.87	–	40	100.0	133.0	15.5	102.0	15.5	230	92.60	PHP 168-14M-115TB
		855.62	192	8	4040	852.92	–	40	100.0	133.0	15.5	102.0	15.5	230	230.00	PHP 192-14M-115TB
		962.57	216	8	4040	959.76	–	40	100.0	133.0	15.5	102.0	15.5	230	127.00	PHP 216-14M-115TB
14	170	155.97	35	6F	3030	153.18	173	35	75.0	187.0	55.5	76.0	55.5	–	10.60	PHP 35-14M-170TB
		160.43	36	6F	3030	157.68	173	35	75.0	187.0	55.5	76.0	55.5	–	11.20	PHP 36-14M-170TB
		169.34	38	6F	3030	167.00	182	35	75.0	187.0	55.5	76.0	55.5	–	11.70	PHP 38-14M-170TB
		178.25	40	6F	3030	175.00	191	35	75.0	187.0	55.5	76.0	55.5	–	13.00	PHP 40-14M-170TB
		187.17	42	6F	3535	184.37	202	35	90.0	187.0	49.0	89.0	49.0	–	14.00	PHP 42-14M-170TB
		196.08	44	6F	3535	193.00	209	35	90.0	187.0	49.0	89.0	49.0	–	15.00	PHP 44-14M-170TB
		200.54	45	6F	3535	197.74	212	35	90.0	187.0	49.0	89.0	49.0	–	16.00	PHP 45-14M-170TB
		213.90	48	6F	3535	211.00	227	35	90.0	187.0	49.0	89.0	49.0	–	19.00	PHP 48-14M-170TB
		222.82	50	6F	3535	220.02	246	35	90.0	187.0	49.0	89.0	49.0	–	23.80	PHP 50-14M-170TB
		249.55	56	6F	3535	247.00	263	35	90.0	187.0	49.0	89.0	49.0	–	28.50	PHP 56-14M-170TB
		267.38	60	6F	4040	264.59	281	40	100.0	187.0	42.5	114.0	42.5	–	34.80	PHP 60-14M-170TB
		285.21	64	6F	4040	282.00	298	40	100.0	187.0	42.5	114.0	42.5	230	41.00	PHP 64-14M-170TB
		320.86	72	7	4040	318.00	–	40	100.0	187.0	42.5	114.0	42.5	230	46.90	PHP 72-14M-170TB
		356.51	80	7	4040	354.00	–	40	100.0	187.0	42.5	114.0	42.5	230	48.00	PHP 80-14M-170TB
		401.07	90	7	4040	398.00	–	40	100.0	187.0	42.5	114.0	42.5	230	52.50	PHP 90-14M-170TB
		499.11	112	7	5050	496.00	–	70	125.0	187.0	30.0	127.0	30.0	242	74.50	PHP 112-14M-170TB
		641.71	144	8	5050	639.00	–	70	125.0	187.0	30.0	127.0	30.0	394	91.00	PHP 144-14M-170TB
		748.86	168	8	5050	746.00	–	70	125.0	187.0	30.0	127.0	30.0	394	116.00	PHP 168-14M-170TB
		855.62	192	8	5050	853.00	–	70	125.0	187.0	30.0	127.0	30.0	394	134.00	PHP 192-14M-170TB
		962.57	216	8	5050	960.00	–	70	125.0	187.0	30.0	127.0	30.0	394	146.50	PHP 216-14M-170TB

¹⁾ Mass does not include bushings.

Classical timing pulleys

XL Pilot bore (RSB) | L Pilot bore (RSB)



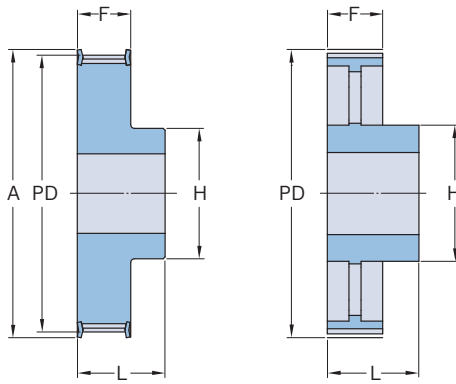
Type 1

Type 1F

Section	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Dimensions							Mass	Designation
					Outer diameter OD	A	B Min.	Max.	H	F	L		
–	mm		–	–	mm							kg	–
XL	6.4 and 9.5	16.17	10	1F	15.67	23	5	5	9.5	14.3	19.8	0.02	PHP 10XL037RSB
		17.79	11	1F	17.29	23	5	5	9.5	14.3	19.8	0.02	PHP 11XL037RSB
		19.40	12	1F	18.90	25	5	8	12.7	14.3	19.8	0.03	PHP 12XL037RSB
		21.02	13	1F	20.52	25	6	8	12.7	14.3	19.8	0.03	PHP 13XL037RSB
		22.64	14	1F	22.14	28	6	9	14.3	14.3	19.8	0.04	PHP 14XL037RSB
		24.26	15	1F	23.76	28	6	11	15.9	14.3	19.8	0.04	PHP 15XL037RSB
		25.87	16	1F	25.37	32	6	12	17.5	14.3	19.8	0.05	PHP 16XL037RSB
		27.49	17	1F	26.99	36	6	13	20.0	14.3	19.8	0.05	PHP 17XL037RSB
		29.11	18	1F	28.61	36	6	13	20.6	14.3	19.8	0.06	PHP 18XL037RSB
		30.72	19	1F	30.22	36	6	13	20.6	14.3	19.8	0.07	PHP 19XL037RSB
		32.34	20	1F	31.84	38	6	15	23.8	14.3	22.2	0.08	PHP 20XL037RSB
		33.96	21	1F	33.46	38	6	15	23.8	14.3	22.2	0.09	PHP 21XL037RSB
		35.57	22	1F	35.07	42	6	16	25.4	14.3	22.2	0.10	PHP 22XL037RSB
		38.81	24	1F	38.31	44	6	18	27.0	14.3	22.2	0.12	PHP 24XL037RSB
		42.04	26	1F	41.54	48	6	20	30.0	14.3	22.2	0.14	PHP 26XL037RSB
		43.66	27	1F	43.16	48	6	20	30.0	14.3	22.2	0.15	PHP 27XL037RSB
		45.28	28	1F	44.78	51	6	20	30.2	14.3	22.2	0.16	PHP 28XL037RSB
		46.89	29	1F	46.39	51	6	20	30.2	14.3	22.2	0.17	PHP 29XL037RSB
		48.51	30	1F	48.01	54	6	24	34.9	14.3	22.2	0.19	PHP 30XL037RSB
		51.74	32	1	51.24	57	8	25	40.0	14.3	25.4	0.11	PHP 32XL037RSB
		54.98	34	1	54.48	–	8	25	38.0	14.3	25.4	0.11	PHP 34XL037RSB
		56.60	35	1	56.10	–	8	25	38.0	14.3	25.4	0.12	PHP 35XL037RSB
		58.21	36	1	57.71	–	8	30	45.0	14.3	25.4	0.13	PHP 36XL037RSB
		61.45	38	1	60.95	–	8	30	45.0	14.3	25.4	0.15	PHP 38XL037RSB
		64.68	40	1	64.18	–	8	30	45.0	14.3	25.4	0.17	PHP 40XL037RSB
		67.91	42	1	67.41	–	8	30	45.0	14.3	25.4	0.20	PHP 42XL037RSB
		71.15	44	1	70.65	–	8	30	45.0	14.3	25.4	0.15	PHP 44XL037RSB
		72.77	45	1	72.27	–	8	30	45.0	14.3	25.4	0.15	PHP 45XL037RSB
		77.62	48	1	77.12	–	8	30	45.0	14.3	25.4	0.16	PHP 48XL037RSB
		97.02	60	1	96.52	–	8	30	45.0	14.3	25.4	0.18	PHP 60XL037RSB
		116.43	72	1	115.93	–	8	30	45.0	14.3	25.4	0.23	PHP 72XL037RSB
L	12.7	30.32	10	1F	29.56	36	6	14	22.0	19.0	26.0	0.11	PHP 10L050RSB
		33.35	11	1F	32.59	39	6	14	22.0	19.0	26.0	0.13	PHP 11L050RSB
		36.38	12	1F	35.62	42	6	20	28.0	19.0	30.0	0.19	PHP 12L050RSB
		39.41	13	1F	38.65	45	6	20	28.0	19.0	30.0	0.21	PHP 13L050RSB
		42.45	14	1F	41.69	48	8	20	28.0	19.0	30.0	0.23	PHP 14L050RSB
		45.48	15	1F	44.72	51	8	23	32.0	19.0	30.0	0.27	PHP 15L050RSB
		48.51	16	1F	47.75	54	8	24	36.0	19.0	32.0	0.34	PHP 16L050RSB
		51.54	17	1F	50.78	57	10	24	38.0	19.0	32.0	0.38	PHP 17L050RSB
		54.57	18	1F	53.81	60	10	27	40.0	19.0	32.0	0.41	PHP 18L050RSB
		57.61	19	1F	56.85	63	10	27	40.0	19.0	32.0	0.45	PHP 19L050RSB
		60.64	20	1F	59.88	66	10	30	46.0	19.0	32.0	0.50	PHP 20L050RSB
		63.67	21	1F	62.91	69	10	30	46.0	19.0	32.0	0.55	PHP 21L050RSB
		66.70	22	1F	65.94	72	10	33	50.0	19.0	32.0	0.62	PHP 22L050RSB
		69.73	23	1F	68.97	78	10	33	50.0	19.0	26.0	0.65	PHP 23L050RSB
		72.77	24	1F	72.01	78	12	33	50.0	19.0	26.0	0.68	PHP 24L050RSB
		75.80	25	1F	75.04	85	12	33	50.0	19.0	26.0	0.74	PHP 25L050RSB
		78.83	26	1F	78.07	85	12	33	50.0	19.0	26.0	0.82	PHP 26L050RSB
		81.86	27	1F	81.10	91	12	33	50.0	19.0	26.0	0.85	PHP 27L050RSB
		84.89	28	1F	84.13	91	12	33	50.0	19.0	26.0	0.92	PHP 28L050RSB
		87.93	29	1F	87.17	91	12	33	50.0	19.0	26.0	1.00	PHP 29L050RSB
		90.96	30	1F	90.20	97	12	33	50.0	19.0	26.0	1.10	PHP 30L050RSB
		93.99	31	1F	93.23	103	12	33	50.0	19.0	26.0	1.14	PHP 31L050RSB

All XL pulleys are made from aluminium with 2 set screws at 90°. Where keyway is required, reduce maximum bore by twice keyway depth.

Classical timing pulleys
L Pilot bore (RSB)



Type 1F

Type 5

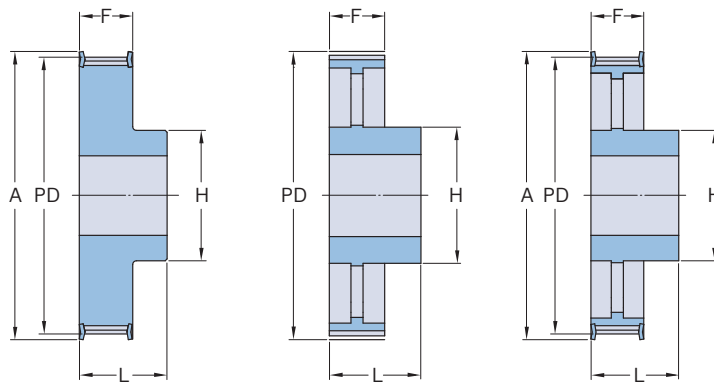
Section	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Dimensions Outer diameter OD	A	B Min.	Max.	H	F	L	Mass kg	Designation
–	mm	–	–	–	mm	–	–	–	–	–	–	–	–
L	12.7	97.02	32	1F	96.26	103	12	33	50.0	19.0	26.0	1.19	PHP 32L050RSB
		100.05	33	1F	99.29	106	12	33	50.0	19.0	26.0	1.25	PHP 33L050RSB
		103.08	34	1F	102.32	115	12	33	50.0	19.0	26.0	1.31	PHP 34L050RSB
		106.12	35	1F	105.36	115	12	33	50.0	19.0	26.0	1.37	PHP 35L050RSB
		109.15	36	1F	108.39	115	12	33	50.0	19.0	26.0	1.10	PHP 36L050RSB
		115.21	38	1F	114.45	127	12	33	50.0	19.0	26.0	1.22	PHP 38L050RSB
		121.28	40	1F	120.52	127	12	33	50.0	19.0	26.0	1.26	PHP 40L050RSB
		127.34	42	1F	126.58	139	12	33	50.0	19.0	26.0	1.31	PHP 42L050RSB
		133.40	44	1F	132.64	139	12	33	50.0	19.0	28.0	1.43	PHP 44L050RSB
		136.44	45	1F	135.68	152	12	33	50.0	19.0	28.0	1.49	PHP 45L050RSB
		145.53	48	1F	144.77	152	12	33	50.0	19.0	28.0	1.55	PHP 48L050RSB
		151.60	50	5	150.84	–	12	33	50.0	19.0	28.0	1.66	PHP 50L050RSB
		157.66	52	5	156.90	–	12	33	50.0	19.0	28.0	1.85	PHP 52L050RSB
		169.79	56	5	169.03	–	12	33	50.0	19.0	28.0	1.97	PHP 56L050RSB
		172.82	57	5	172.06	–	12	33	50.0	19.0	28.0	2.09	PHP 57L050RSB
		191.91	60	5	191.15	–	15	45	50.0	19.0	42.0	2.30	PHP 60L050RSB
		218.30	72	5	217.54	–	15	45	75.0	19.0	42.0	2.50	PHP 72L050RSB
		230.43	76	5	229.67	–	15	45	75.0	19.0	42.0	2.70	PHP 76L050RSB
		254.68	84	5	253.92	–	15	45	75.0	19.0	42.0	2.90	PHP 84L050RSB
		283.03	95	5	282.27	–	15	45	75.0	19.0	42.0	3.10	PHP 95L050RSB
		291.06	96	5	290.30	–	15	45	75.0	19.0	42.0	3.30	PHP 96L050RSB
L	19.1	30.32	10	1F	29.56	36	6	14	22.0	25.4	32.0	0.15	PHP 10L075RSB
		33.35	11	1F	32.59	39	6	14	22.0	25.4	32.0	0.20	PHP 11L075RSB
		36.38	12	1F	35.62	42	8	20	28.0	25.4	38.0	0.23	PHP 12L075RSB
		39.41	13	1F	38.65	45	8	20	28.0	25.4	38.0	0.26	PHP 13L075RSB
		42.45	14	1F	41.69	48	8	20	28.0	25.4	38.0	0.28	PHP 14L075RSB
		45.48	15	1F	44.72	51	8	23	32.0	25.4	38.0	0.36	PHP 15L075RSB
		48.51	16	1F	47.75	54	8	24	36.0	25.4	41.0	0.45	PHP 16L075RSB
		51.54	17	1F	50.78	57	10	24	38.0	25.4	41.0	0.50	PHP 17L075RSB
		54.57	18	1F	53.81	60	10	27	40.0	25.4	41.0	0.55	PHP 18L075RSB
		57.61	19	1F	56.85	63	10	27	40.0	25.4	41.0	0.60	PHP 19L075RSB
		60.64	20	1F	59.88	66	10	30	46.0	25.4	41.0	0.65	PHP 20L075RSB
		63.67	21	1F	62.91	69	10	30	46.0	25.4	41.0	0.70	PHP 21L075RSB
		66.70	22	1F	65.94	72	10	33	50.0	25.4	41.0	0.75	PHP 22L075RSB
		69.73	23	1F	68.97	78	10	33	50.0	25.4	32.0	0.81	PHP 23L075RSB
		72.77	24	1F	72.01	79	12	33	50.0	25.4	32.0	0.85	PHP 24L075RSB
		75.80	25	1F	75.04	85	12	33	50.0	25.4	32.0	0.94	PHP 25L075RSB
		78.83	26	1F	78.07	85	12	33	50.0	25.4	32.0	1.02	PHP 26L075RSB
		81.86	27	1F	81.10	91	12	33	50.0	25.4	32.0	1.09	PHP 27L075RSB
		84.89	28	1F	84.13	91	12	33	50.0	25.4	32.0	1.20	PHP 28L075RSB
		87.93	29	1F	87.17	91	12	33	50.0	25.4	32.0	1.33	PHP 29L075RSB
		90.96	30	1F	90.20	97	12	33	50.0	25.4	32.0	1.33	PHP 30L075RSB
		93.99	31	1F	93.23	103	12	33	50.0	25.4	32.0	1.39	PHP 31L075RSB
		97.02	32	1F	96.26	103	12	33	50.0	25.4	32.0	1.45	PHP 32L075RSB
		100.05	33	1F	99.29	106	12	33	50.0	25.4	32.0	1.56	PHP 33L075RSB
		103.08	34	1F	102.32	115	12	33	50.0	25.4	32.0	1.70	PHP 34L075RSB
		106.12	35	1F	105.36	115	12	33	50.0	25.4	32.0	1.78	PHP 35L075RSB
		109.15	36	1F	108.39	115	12	36	55.0	25.4	32.0	1.50	PHP 36L075RSB
		115.21	38	1F	114.45	127	12	36	55.0	25.4	32.0	1.63	PHP 38L075RSB
		121.28	40	1F	120.52	127	12	40	60.0	25.4	32.0	1.79	PHP 40L075RSB
		127.34	42	1F	126.58	139	12	40	60.0	25.4	32.0	1.95	PHP 42L075RSB
		133.40	44	1F	132.64	139	12	40	60.0	25.4	35.0	2.05	PHP 44L075RSB
		136.44	45	1F	135.68	152	12	40	60.0	25.4	35.0	2.10	PHP 45L075RSB

Classical timing pulleys

L Pilot bore (RSB) | H Pilot bore (RSB)

Section	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Dimensions							Mass	Designation
					Outer diameter OD	A	B Min.	Max.	H	F	L		
–	mm		–	–	mm							kg	–
L	19.1	145.53	48	1F	144.77	152	12	40	60.0	25.4	35.0	2.15	PHP 48L075RSB
		151.60	50	5	150.84	–	12	40	60.0	25.4	35.0	2.25	PHP 50L075RSB
		157.66	52	5	156.90	–	12	40	60.0	25.4	35.0	2.55	PHP 52L075RSB
		169.79	56	5	169.03	–	12	40	60.0	25.4	35.0	2.78	PHP 56L075RSB
		172.82	57	5	172.06	–	12	40	60.0	25.4	35.0	2.91	PHP 57L075RSB
		181.91	60	5	181.15	–	15	45	75.0	25.4	45.0	3.10	PHP 60L075RSB
		218.30	72	5	217.54	–	15	45	75.0	25.4	45.0	3.29	PHP 72L075RSB
		230.43	76	5	229.67	–	15	45	75.0	25.4	45.0	3.48	PHP 76L075RSB
		254.67	84	5	253.91	–	15	45	75.0	25.4	45.0	3.67	PHP 84L075RSB
		283.03	95	5	282.27	–	15	45	75.0	25.4	45.0	3.76	PHP 95L075RSB
		291.06	96	5	290.30	–	15	45	75.0	25.4	45.0	3.85	PHP 96L075RSB
		363.83	120	5	363.07	–	15	70	120.0	25.4	45.0	4.50	PHP 120L075RSB
		30.32	10	1F	29.56	36	6	14	22.0	32.0	38.0	0.18	PHP 10L100RSB
		33.35	11	1F	32.59	39	6	14	22.0	32.0	38.0	0.20	PHP 11L100RSB
		36.38	12	1F	35.62	42	8	20	28.0	32.0	45.0	0.25	PHP 12L100RSB
		39.41	13	1F	38.65	45	8	20	28.0	32.0	45.0	0.30	PHP 13L100RSB
		42.45	14	1F	41.69	48	8	20	28.0	32.0	45.0	0.34	PHP 14L100RSB
		L	25.4	45.48	15	1F	44.72	51	8	23	32.0	32.0	45.0
48.51	16			1F	47.75	54	8	24	36.0	32.0	45.0	0.48	PHP 16L100RSB
51.54	17			1F	50.78	57	10	24	38.0	32.0	45.0	0.57	PHP 17L100RSB
54.57	18			1F	53.81	60	10	27	40.0	32.0	45.0	0.62	PHP 18L100RSB
57.61	19			1F	56.85	63	10	27	40.0	32.0	45.0	0.69	PHP 19L100RSB
60.64	20			1F	59.88	66	10	30	46.0	32.0	45.0	0.76	PHP 20L100RSB
63.67	21			1F	62.91	69	10	30	46.0	32.0	45.0	0.82	PHP 21L100RSB
66.70	22			1F	65.94	72	10	33	50.0	32.0	45.0	0.92	PHP 22L100RSB
69.73	23			1F	68.97	78	10	33	50.0	32.0	38.0	0.98	PHP 23L100RSB
72.77	24			1F	72.01	78	12	33	50.0	32.0	38.0	1.06	PHP 24L100RSB
75.80	25			1F	75.04	85	12	33	50.0	32.0	38.0	1.14	PHP 25L100RSB
78.83	26			1F	78.07	85	12	33	50.0	32.0	38.0	1.24	PHP 26L100RSB
81.86	27			1F	81.10	91	12	33	50.0	32.0	38.0	1.33	PHP 27L100RSB
84.89	28			1F	84.13	91	12	33	50.0	32.0	38.0	1.40	PHP 28L100RSB
87.93	29			1F	87.17	91	12	33	50.0	32.0	38.0	1.70	PHP 29L100RSB
90.96	30			1F	90.20	97	12	33	50.0	32.0	38.0	1.70	PHP 30L100RSB
97.02	32			1F	96.26	103	12	33	50.0	32.0	38.0	1.80	PHP 32L100RSB
100.05	33			1F	99.29	106	12	33	50.0	32.0	38.0	1.92	PHP 33L100RSB
103.08	34			1F	102.32	115	12	33	50.0	32.0	38.0	2.09	PHP 34L100RSB
106.12	35			1F	105.36	115	12	33	50.0	32.0	38.0	2.19	PHP 35L100RSB
109.15	36			1F	108.39	115	12	36	55.0	32.0	32.0	1.50	PHP 36L100RSB
115.21	38			1F	114.45	127	12	36	55.0	32.0	32.0	1.77	PHP 38L100RSB
121.28	40			1F	120.52	127	12	40	60.0	32.0	32.0	1.90	PHP 40L100RSB
127.34	42			1F	126.58	139	12	40	60.0	32.0	32.0	2.11	PHP 42L100RSB
133.40	44			1F	132.64	139	12	40	60.0	32.0	35.0	2.30	PHP 44L100RSB
136.44	45			1F	135.68	152	12	40	60.0	32.0	35.0	2.40	PHP 45L100RSB
145.53	48			1F	144.77	152	12	40	60.0	32.0	35.0	2.49	PHP 48L100RSB
151.60	50			5	150.84	–	12	40	60.0	32.0	35.0	2.68	PHP 50L100RSB
157.66	52			5	156.90	–	12	40	60.0	32.0	35.0	2.87	PHP 52L100RSB
169.79	56			5	169.03	–	12	40	60.0	32.0	35.0	3.06	PHP 56L100RSB
172.82	57			5	172.06	–	12	40	60.0	32.0	35.0	3.25	PHP 57L100RSB
191.91	60			5	191.15	–	15	45	75.0	32.0	45.0	3.44	PHP 60L100RSB
218.30	72			5	217.54	–	15	45	75.0	32.0	45.0	3.63	PHP 72L100RSB
230.43	76			5	229.67	–	15	45	75.0	32.0	45.0	3.82	PHP 76L100RSB
254.68	84			5	253.92	–	15	45	75.0	32.0	45.0	4.01	PHP 84L100RSB
283.03	95			5	282.27	–	15	45	75.0	32.0	45.0	4.11	PHP 95L100RSB
291.06	96	5	290.30	–	15	45	75.0	32.0	45.0	4.20	PHP 96L100RSB		
363.83	120	5	363.07	–	15	70	120.0	32.0	45.0	5.00	PHP 120L100RSB		
H	19.1	56.60	14	1F	55.23	63	10	27	40.0	27.0	40.0	0.50	PHP 14H075RSB
		60.64	15	1F	59.27	67	10	30	46.0	27.0	40.0	0.55	PHP 15H075RSB
		64.68	16	1F	63.31	71	10	30	45.0	27.0	40.0	0.60	PHP 16H075RSB
		68.72	17	1F	67.35	75	10	30	46.0	27.0	40.0	0.70	PHP 17H075RSB
		72.77	18	1F	71.40	79	12	36	55.0	27.0	40.0	0.80	PHP 18H075RSB
		76.81	19	1F	75.44	83	12	40	60.0	27.0	40.0	1.00	PHP 19H075RSB
		80.85	20	1F	79.48	87	12	41	62.0	27.0	40.0	1.10	PHP 20H075RSB
		84.89	21	1F	83.52	91	12	43	67.0	27.0	40.0	1.20	PHP 21H075RSB
		88.94	22	1F	87.57	95	12	45	70.0	27.0	40.0	1.40	PHP 22H075RSB
		92.98	23	1F	91.61	98	12	46	72.0	27.0	40.0	1.50	PHP 23H075RSB
		97.02	24	1F	95.65	103	12	47	75.0	27.0	40.0	1.60	PHP 24H075RSB
		101.06	25	1F	99.69	107	12	47	75.0	27.0	40.0	1.70	PHP 25H075RSB
		105.11	26	1F	103.74	111	15	54	80.0	27.0	40.0	1.80	PHP 26H075RSB
		109.15	27	1F	107.78	115	15	54	80.0	27.0	40.0	1.90	PHP 27H075RSB
		113.19	28	1F	111.82	119	15	54	80.0	27.0	40.0	2.00	PHP 28H075RSB
		117.23	29	1F	115.86	123	15	54	80.0	27.0	40.0	2.05	PHP 29H075RSB
		121.28	30	1F	119.91	127	15	54	80.0	27.0	40.0	2.10	PHP 30H075RSB
		125.32	31	1F	123.95	131	15	54	80.0	27.0	40.0	2.15	PHP 31H075RSB

Classical timing pulleys
H Pilot bore (RSB)



Type 1F

Type 5

Type 5F

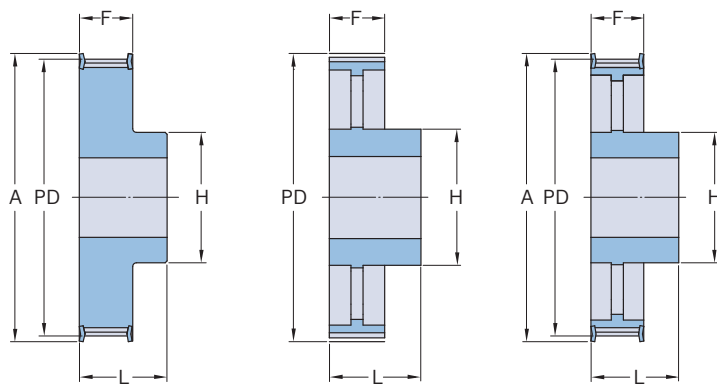
Section	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Dimensions Outer diameter OD	A	B Min.	Max.	H	F	L	Mass	Designation
–	mm	–	–	–	mm	–	–	–	–	–	–	kg	–
H	19.1	129.36	32	1F	127.99	135	15	54	80.0	27.0	40.0	2.20	PHP 32H075RSB
		133.40	33	1F	132.03	142	15	54	80.0	27.0	40.0	2.25	PHP 33H075RSB
		137.45	34	1F	136.08	142	15	54	80.0	27.0	40.0	2.30	PHP 34H075RSB
		141.49	35	1F	140.12	151	15	54	80.0	27.0	40.0	2.35	PHP 35H075RSB
		145.53	36	1F	144.16	151	20	54	80.0	27.0	40.0	2.40	PHP 36H075RSB
		153.62	38	1F	152.25	158	20	54	80.0	27.0	40.0	2.60	PHP 38H075RSB
		161.70	40	1F	160.33	168	20	54	80.0	27.0	40.0	2.80	PHP 40H075RSB
		169.79	42	1F	168.42	184	20	54	80.0	27.0	40.0	2.90	PHP 42H075RSB
		177.87	44	5F	176.50	184	20	48	80.0	27.0	40.0	2.70	PHP 44H075RSB
		181.91	45	5F	180.54	192	20	54	90.0	27.0	45.0	2.85	PHP 45H075RSB
		194.04	48	5F	192.67	200	20	54	90.0	27.0	45.0	3.00	PHP 48H075RSB
		202.13	50	5	200.76	–	20	54	90.0	27.0	45.0	3.25	PHP 50H075RSB
H	19.1 and 25.4	56.60	14	1F	55.23	63	10	27	40.0	33.3	45.0	0.65	PHP 14H100RSB
		60.64	15	1F	59.27	67	10	30	46.0	33.3	45.0	0.75	PHP 15H100RSB
		64.67	16	1F	63.30	71	10	30	46.0	33.3	45.0	0.85	PHP 16H100RSB
		68.72	17	1F	67.35	75	10	30	46.0	33.3	45.0	0.97	PHP 17H100RSB
		72.77	18	1F	71.40	79	12	30	55.0	33.3	45.0	1.10	PHP 18H100RSB
		76.81	19	1F	75.44	83	12	36	60.0	33.3	45.0	1.20	PHP 19H100RSB
		80.85	20	1F	79.48	87	12	41	62.0	33.3	45.0	1.40	PHP 20H100RSB
		84.89	21	1F	83.52	91	12	43	67.0	33.3	45.0	1.60	PHP 21H100RSB
		88.94	22	1F	87.57	95	12	45	70.0	33.3	45.0	1.70	PHP 22H100RSB
		92.98	23	1F	91.61	98	12	46	72.0	33.3	45.0	1.83	PHP 23H100RSB
		97.03	24	1F	95.66	103	12	47	75.0	33.3	45.0	1.95	PHP 24H100RSB
		101.06	25	1F	99.69	107	12	47	75.0	33.3	45.0	2.19	PHP 25H100RSB
		105.11	26	1F	103.74	111	15	54	80.0	33.3	45.0	2.43	PHP 26H100RSB
		109.15	27	1F	107.78	115	15	54	80.0	33.3	45.0	2.57	PHP 27H100RSB
		113.18	28	1F	111.81	119	15	54	80.0	33.3	45.0	2.70	PHP 28H100RSB
		117.23	29	1F	115.86	123	15	54	80.0	33.3	45.0	2.95	PHP 29H100RSB
		121.29	30	1F	119.92	127	15	54	80.0	33.3	45.0	3.20	PHP 30H100RSB
		125.32	31	1F	123.95	131	15	54	80.0	33.3	45.0	3.35	PHP 31H100RSB
		129.36	32	1F	127.99	135	20	54	80.0	33.3	45.0	3.50	PHP 32H100RSB
		133.40	33	1F	132.03	142	20	54	80.0	33.3	45.0	3.78	PHP 33H100RSB
		137.45	34	1F	136.08	142	20	54	80.0	33.3	45.0	4.05	PHP 34H100RSB
		141.49	35	1F	140.12	151	20	54	80.0	33.3	45.0	4.35	PHP 35H100RSB
		145.53	36	1F	144.16	151	20	54	80.0	33.3	45.0	4.65	PHP 36H100RSB
		153.62	38	1F	152.25	158	20	54	80.0	33.3	45.0	4.98	PHP 38H100RSB
		161.70	40	1F	160.33	168	20	54	80.0	33.3	45.0	5.30	PHP 40H100RSB
		169.79	42	1F	168.42	184	20	54	80.0	33.3	45.0	5.50	PHP 42H100RSB
		177.87	44	5F	176.50	184	20	48	80.0	33.3	50.0	4.00	PHP 44H100RSB
		181.91	45	5F	180.54	192	20	54	80.0	33.3	50.0	4.25	PHP 45H100RSB
		194.03	48	5F	192.66	200	20	54	90.0	33.3	50.0	4.50	PHP 48H100RSB
		202.13	50	5	200.76	–	20	54	90.0	33.3	50.0	4.94	PHP 50H100RSB
		210.21	52	5	208.84	–	20	54	90.0	33.3	50.0	5.38	PHP 52H100RSB
		230.42	57	5	229.05	–	20	54	90.0	33.3	50.0	5.82	PHP 57H100RSB
		234.47	58	5	233.10	–	20	54	90.0	33.3	50.0	5.82	PHP 58H100RSB
		242.55	60	5	241.18	–	20	70	120.0	33.3	50.0	6.25	PHP 60H100RSB
		282.98	70	5	281.61	–	20	70	120.0	33.3	55.0	7.55	PHP 70H100RSB
		291.06	72	5	289.69	–	20	70	120.0	33.3	55.0	8.85	PHP 72H100RSB
		307.23	76	5	305.86	–	20	70	120.0	33.3	55.0	9.43	PHP 76H100RSB
		339.57	84	5	338.20	–	20	70	120.0	33.3	55.0	10.00	PHP 84H100RSB
		388.08	96	5	386.71	–	24	70	120.0	33.3	60.0	10.48	PHP 96H100RSB
		485.10	120	5	483.73	–	24	70	120.0	33.3	60.0	13.10	PHP 120H100RSB
		630.63	156	5	629.26	–	24	70	130.0	33.3	60.0	17.20	PHP 156H100RSB

Classical timing pulleys
H Pilot bore (RSB)

Section	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Dimensions Outer diameter OD		B Min.	Max.	H	F	L	Mass	Designation
–	mm	–	–	–	mm		–	–	–	–	–	kg	–
H	38.1	56.60	14	1F	55.23	63	12	27	40.0	46.0	58.0	0.82	PHP 14H150RSB
		60.64	15	1F	59.27	67	12	30	46.0	46.0	58.0	0.96	PHP 15H150RSB
		64.67	16	1F	63.30	71	12	30	46.0	46.0	58.0	1.10	PHP 16H150RSB
		68.72	17	1F	67.35	75	12	30	46.0	46.0	58.0	1.30	PHP 17H150RSB
		72.77	18	1F	71.40	79	12	30	55.0	46.0	58.0	1.50	PHP 18H150RSB
		76.81	19	1F	75.44	83	12	36	60.0	46.0	58.0	1.70	PHP 19H150RSB
		80.85	20	1F	79.48	87	12	41	62.0	46.0	58.0	1.80	PHP 20H150RSB
		84.89	21	1F	83.52	91	12	43	67.0	46.0	58.0	2.20	PHP 21H150RSB
		88.94	22	1F	87.57	95	12	45	70.0	46.0	58.0	2.30	PHP 22H150RSB
		92.98	23	1F	91.61	98	12	46	72.0	46.0	58.0	2.45	PHP 23H150RSB
		97.03	24	1F	95.66	103	12	47	75.0	46.0	58.0	2.60	PHP 24H150RSB
		101.06	25	1F	99.69	107	12	47	75.0	46.0	58.0	2.90	PHP 25H150RSB
		105.11	26	1F	103.74	111	15	54	80.0	46.0	58.0	3.20	PHP 26H150RSB
		109.15	27	1F	107.78	115	15	54	80.0	46.0	58.0	3.30	PHP 27H150RSB
		113.18	28	1F	111.81	119	15	54	80.0	46.0	58.0	3.39	PHP 28H150RSB
		117.23	29	1F	115.86	123	15	54	80.0	46.0	58.0	3.75	PHP 29H150RSB
		121.29	30	1F	119.92	127	15	54	80.0	46.0	58.0	4.10	PHP 30H150RSB
		125.32	31	1F	123.95	131	15	54	80.0	46.0	58.0	4.43	PHP 31H150RSB
		129.36	32	1F	127.99	135	20	54	80.0	46.0	58.0	4.77	PHP 32H150RSB
		133.40	33	1F	132.03	142	20	54	80.0	46.0	58.0	5.08	PHP 33H150RSB
		137.45	34	1F	136.08	142	20	54	80.0	46.0	58.0	5.40	PHP 34H150RSB
		141.49	35	1F	140.12	151	20	54	80.0	46.0	58.0	5.71	PHP 35H150RSB
		145.53	36	1F	144.16	151	20	54	80.0	46.0	58.0	6.02	PHP 36H150RSB
		153.62	38	1F	152.25	158	20	54	80.0	46.0	58.0	6.76	PHP 38H150RSB
		161.70	40	1F	160.33	168	20	54	80.0	46.0	58.0	7.50	PHP 40H150RSB
		169.79	42	1F	168.42	184	20	54	80.0	46.0	58.0	8.00	PHP 42H150RSB
		177.87	44	5F	176.50	184	20	48	80.0	46.0	58.0	5.00	PHP 44H150RSB
		181.91	45	5F	180.54	192	20	48	80.0	46.0	58.0	5.05	PHP 45H150RSB
		194.03	48	5F	192.66	200	20	54	90.0	46.0	65.0	5.10	PHP 48H150RSB
		202.13	50	5	200.76	–	20	54	90.0	46.0	65.0	5.75	PHP 50H150RSB
		210.21	52	5	208.84	–	20	54	90.0	46.0	65.0	6.40	PHP 52H150RSB
		230.43	57	5	229.06	–	20	54	90.0	46.0	65.0	6.75	PHP 57H150RSB
		234.47	58	5	233.10	–	20	54	90.0	46.0	65.0	7.05	PHP 58H150RSB
		242.55	60	5	241.18	–	20	70	120.0	46.0	65.0	7.70	PHP 60H150RSB
		282.98	70	5	281.61	–	20	70	120.0	46.0	65.0	8.20	PHP 70H150RSB
		291.06	72	5	289.69	–	20	70	120.0	46.0	65.0	8.70	PHP 72H150RSB
		307.23	76	5	305.86	–	20	70	120.0	46.0	65.0	9.67	PHP 76H150RSB
		339.57	84	5	338.20	–	20	70	120.0	46.0	65.0	10.64	PHP 84H150RSB
		388.08	96	5	386.71	–	24	70	120.0	46.0	65.0	13.40	PHP 96H150RSB
		485.10	120	5	483.73	–	24	70	120.0	46.0	65.0	15.70	PHP 120H150RSB
		630.63	156	5	629.26	–	24	70	130.0	46.0	65.0	19.10	PHP 156H150RSB
H	50.8	56.60	14	1F	55.23	63	12	27	40.0	59.5	70.0	1.25	PHP 14H200RSB
		60.64	15	1F	59.27	67	12	30	46.0	59.5	70.0	1.33	PHP 15H200RSB
		64.67	16	1F	63.30	71	12	30	46.0	59.5	70.0	1.40	PHP 16H200RSB
		68.72	17	1F	67.35	75	12	30	46.0	59.5	70.0	1.67	PHP 17H200RSB
		72.77	18	1F	71.40	79	12	30	55.0	59.5	70.0	1.94	PHP 18H200RSB
		76.81	19	1F	75.44	83	12	36	60.0	59.5	70.0	2.18	PHP 19H200RSB
		80.85	20	1F	79.48	87	12	41	62.0	59.5	70.0	2.43	PHP 20H200RSB
		84.89	21	1F	83.52	91	12	43	67.0	59.5	70.0	2.60	PHP 21H200RSB
		88.94	22	1F	87.57	95	12	45	70.0	59.5	70.0	2.80	PHP 22H200RSB
		92.98	23	1F	91.61	98	12	46	72.0	59.5	70.0	2.89	PHP 23H200RSB
		97.03	24	1F	95.66	103	12	47	75.0	59.5	70.0	2.97	PHP 24H200RSB
		101.06	25	1F	99.69	107	12	47	75.0	59.5	70.0	2.89	PHP 25H200RSB
		105.11	26	1F	103.74	111	15	54	80.0	59.5	70.0	3.90	PHP 26H200RSB
		109.15	27	1F	107.78	115	15	54	80.0	59.5	70.0	3.44	PHP 27H200RSB
		113.18	28	1F	111.81	119	15	54	80.0	59.5	70.0	4.60	PHP 28H200RSB
		117.23	29	1F	115.86	123	15	54	80.0	59.5	70.0	4.80	PHP 29H200RSB
		121.29	30	1F	119.92	127	15	54	80.0	59.5	70.0	5.00	PHP 30H200RSB
		125.32	31	1F	123.95	131	15	54	80.0	59.5	70.0	5.47	PHP 31H200RSB
		129.36	32	1F	127.99	135	20	54	80.0	59.5	70.0	5.93	PHP 32H200RSB
		133.40	33	1F	132.03	142	20	54	80.0	59.5	70.0	6.33	PHP 33H200RSB
		137.45	34	1F	136.08	142	20	54	80.0	59.5	70.0	6.73	PHP 34H200RSB
		141.49	35	1F	140.12	151	20	54	80.0	59.5	70.0	7.13	PHP 35H200RSB
		145.53	36	1F	144.16	151	20	54	80.0	59.5	70.0	7.53	PHP 36H200RSB
		153.62	38	1F	152.25	158	20	54	80.0	59.5	70.0	8.32	PHP 38H200RSB
		161.70	40	1F	160.33	168	20	54	80.0	59.5	70.0	9.11	PHP 40H200RSB
		169.79	42	1F	168.42	184	20	54	80.0	59.5	70.0	9.70	PHP 42H200RSB
		177.87	44	5F	176.50	184	20	48	80.0	59.5	70.0	5.00	PHP 44H200RSB
		181.91	45	5F	180.54	192	20	48	80.0	59.5	70.0	5.37	PHP 45H200RSB
		194.03	48	5F	192.66	200	20	54	90.0	59.5	75.0	5.73	PHP 48H200RSB
		202.13	50	5	200.76	–	20	54	90.0	59.5	75.0	6.62	PHP 50H200RSB
		210.21	52	5	208.84	–	20	54	90.0	59.5	75.0	7.50	PHP 52H200RSB
		230.43	57	5	229.06	–	20	54	90.0	59.5	75.0	8.76	PHP 57H200RSB

Classical timing pulleys

H Pilot bore (RSB) | XH Pilot bore (RSB)



Type 1F

Type 5

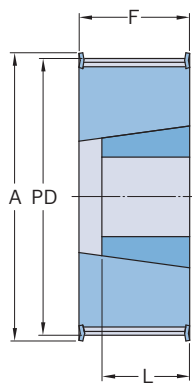
Type 5F

Section	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Dimensions Outer diameter OD	A	B Min.	Max.	H	F	L	Mass	Designation
–	mm	–	–	–	mm	–	–	–	–	–	–	kg	–
H	50.8	234.47	58	5	233.10	–	20	54	90.0	59.5	75.0	8.39	PHP 58H200RSB
		242.55	60	5	241.18	–	20	70	120.0	59.5	75.0	9.27	PHP 60H200RSB
		282.98	70	5	281.61	–	20	70	120.0	59.5	75.0	9.80	PHP 70H200RSB
		291.06	72	5	289.69	–	20	70	120.0	59.5	75.0	10.32	PHP 72H200RSB
		307.23	76	5	305.86	–	20	70	120.0	59.5	75.0	11.41	PHP 76H200RSB
		339.57	84	5	338.20	–	20	70	120.0	59.5	75.0	12.50	PHP 84H200RSB
		388.08	96	5	386.71	–	24	70	120.0	59.5	75.0	14.00	PHP 96H200RSB
		485.10	120	5	483.73	–	24	70	120.0	59.5	75.0	18.10	PHP 120H200RSB
		630.63	156	5	629.26	–	24	70	130.0	59.5	75.0	22.00	PHP 156H200RSB
H	76.2	56.60	14	1F	55.23	63	14	27	40.0	85.5	100.0	1.80	PHP 14H300RSB
		60.64	15	1F	59.27	67	14	30	46.0	85.5	100.0	1.90	PHP 15H300RSB
		64.67	16	1F	63.30	71	14	30	46.0	85.5	100.0	2.00	PHP 16H300RSB
		68.72	17	1F	67.35	75	14	30	46.0	85.5	100.0	2.24	PHP 17H300RSB
		72.77	18	1F	71.40	79	14	30	55.0	85.5	100.0	2.47	PHP 18H300RSB
		76.81	19	1F	75.44	83	14	36	60.0	85.5	100.0	2.90	PHP 19H300RSB
		80.85	20	1F	79.48	87	15	41	62.0	85.5	100.0	3.20	PHP 20H300RSB
		84.89	21	1F	83.52	91	15	43	67.0	85.5	100.0	3.60	PHP 21H300RSB
		88.94	22	1F	87.57	95	15	45	70.0	85.5	100.0	4.00	PHP 22H300RSB
		92.98	23	1F	91.61	98	15	46	72.0	85.5	100.0	4.35	PHP 23H300RSB
		97.03	24	1F	95.66	103	15	47	75.0	85.5	100.0	4.70	PHP 24H300RSB
		101.06	25	1F	99.69	107	15	47	75.0	85.5	100.0	5.24	PHP 25H300RSB
		105.11	26	1F	103.74	111	15	54	80.0	85.5	100.0	5.78	PHP 26H300RSB
		109.15	27	1F	107.78	115	15	54	80.0	85.5	100.0	6.16	PHP 27H300RSB
		113.18	28	1F	111.81	119	15	54	80.0	85.5	100.0	6.54	PHP 28H300RSB
		117.23	29	1F	115.86	123	15	54	80.0	85.5	100.0	6.77	PHP 29H300RSB
		121.29	30	1F	119.92	127	15	54	80.0	85.5	100.0	7.00	PHP 30H300RSB
		125.32	31	1F	123.95	131	15	54	80.0	85.5	100.0	7.83	PHP 31H300RSB
		129.36	32	1F	127.99	135	20	54	80.0	85.5	100.0	8.66	PHP 32H300RSB
		133.40	33	1F	132.03	142	20	54	80.0	85.5	100.0	9.23	PHP 33H300RSB
		137.45	34	1F	136.08	142	20	54	80.0	85.5	100.0	9.79	PHP 34H300RSB
		141.47	35	1F	140.10	151	20	54	80.0	85.5	100.0	10.36	PHP 35H300RSB
		145.53	36	1F	144.16	151	20	54	80.0	85.5	100.0	10.92	PHP 36H300RSB
		153.62	38	1F	152.25	158	20	54	80.0	85.5	100.0	12.20	PHP 38H300RSB
		161.70	40	1F	160.33	168	20	54	80.0	85.5	100.0	13.50	PHP 40H300RSB
		169.79	42	1F	168.42	184	20	54	80.0	85.5	100.0	14.50	PHP 42H300RSB
		177.87	44	5F	176.50	184	20	48	80.0	85.5	100.0	8.06	PHP 44H300RSB
		194.03	48	5F	192.66	200	20	54	90.0	85.5	100.0	9.67	PHP 48H300RSB
		202.13	50	5	200.76	–	20	54	90.0	85.5	100.0	10.87	PHP 50H300RSB
		230.43	57	5	229.06	–	20	54	90.0	85.5	100.0	11.92	PHP 57H300RSB
		234.47	58	5	233.10	–	20	54	90.0	85.5	100.0	12.07	PHP 58H300RSB
		242.55	60	5	241.18	–	20	70	120.0	85.5	100.0	13.30	PHP 60H300RSB
		291.06	72	5	289.69	–	20	70	120.0	85.5	100.0	15.70	PHP 72H300RSB
		307.24	76	5	305.87	–	20	70	120.0	85.5	100.0	16.17	PHP 76H300RSB
		339.57	84	5	338.20	–	20	70	120.0	85.5	100.0	17.10	PHP 84H300RSB
		388.09	96	5	386.72	–	24	70	120.0	85.5	100.0	20.40	PHP 96H300RSB
		485.12	120	5	483.75	–	24	70	120.0	85.5	100.0	27.80	PHP 120H300RSB
		630.63	156	5	629.26	–	24	70	130.0	85.5	100.0	35.00	PHP 156H300RSB
XH	50.8	127.34	18	1F	124.54	141	24	67	100.0	65.1	80.0	5.00	PHP 18XH200RSB
		134.41	19	1F	131.61	146	24	67	100.0	65.1	80.0	5.50	PHP 19XH200RSB
		141.49	20	1F	138.69	155	24	67	100.0	65.1	80.0	6.00	PHP 20XH200RSB
		148.56	21	1F	145.76	169	24	73	110.0	65.1	80.0	6.60	PHP 21XH200RSB
		155.64	22	1F	152.84	169	24	73	110.0	65.1	80.0	7.20	PHP 22XH200RSB
		169.79	24	1F	166.99	183	24	80	120.0	65.1	80.0	8.60	PHP 24XH200RSB

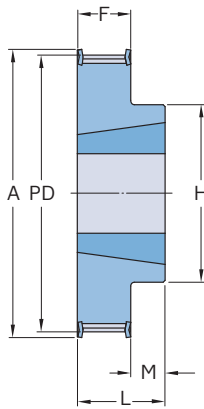
Classical timing pulleys XH Pilot bore (RSB)

Section	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Dimensions						Mass	Designation	
					Outer diameter OD	A	B Min.	Max.	H	F	L		
–	mm		–	–	mm							kg	–
XH	50.8	176.86	25	1F	174.06	198	24	80	120.0	65.1	80.0	9.40	PHP 25XH200RSB
		183.93	26	1F	181.13	198	24	80	120.0	65.1	80.0	9.70	PHP 26XH200RSB
		191.01	27	1F	188.21	212	24	80	120.0	65.1	80.0	9.90	PHP 27XH200RSB
		198.09	28	1F	195.29	212	24	80	120.0	65.1	80.0	10.00	PHP 28XH200RSB
		212.23	30	1F	209.43	226	24	80	120.0	65.1	80.0	10.40	PHP 30XH200RSB
		226.38	32	1F	223.58	240	24	80	120.0	65.1	80.0	11.20	PHP 32XH200RSB
		240.53	34	1F	237.73	256	24	80	120.0	65.1	80.0	12.60	PHP 34XH200RSB
		268.83	38	5	266.03	–	28	100	150.0	65.1	80.0	14.60	PHP 38XH200RSB
		282.98	40	5	280.18	–	28	100	150.0	65.1	100.0	16.00	PHP 40XH200RSB
		339.57	48	5	336.77	–	28	100	150.0	65.1	100.0	18.40	PHP 48XH200RSB
		424.47	60	5	421.67	–	28	100	150.0	65.1	100.0	24.30	PHP 60XH200RSB
		127.34	18	1F	124.54	141	28	67	100.0	92.1	110.0	6.80	PHP 18XH300RSB
		134.41	19	1F	131.61	146	28	67	100.0	92.1	110.0	7.10	PHP 19XH300RSB
		141.49	20	1F	138.69	155	28	67	100.0	92.1	110.0	7.40	PHP 20XH300RSB
		148.56	21	1F	145.76	169	28	73	110.0	92.1	110.0	8.20	PHP 21XH300RSB
155.64	22	1F	152.84	169	28	73	110.0	92.1	110.0	9.00	PHP 22XH300RSB		
XH	76.2	169.79	24	1F	166.99	183	28	80	120.0	92.1	110.0	10.60	PHP 24XH300RSB
		176.86	25	1F	174.06	198	28	80	120.0	92.1	110.0	11.80	PHP 25XH300RSB
		183.93	26	1F	181.13	198	28	80	120.0	92.1	110.0	12.00	PHP 26XH300RSB
		191.01	27	1F	188.21	212	28	80	120.0	92.1	110.0	12.50	PHP 27XH300RSB
		198.09	28	1F	195.29	212	28	80	150.0	92.1	110.0	13.00	PHP 28XH300RSB
		212.23	30	1F	209.43	226	28	80	150.0	92.1	110.0	13.75	PHP 30XH300RSB
		226.38	32	1F	223.58	240	28	80	150.0	92.1	110.0	14.70	PHP 32XH300RSB
		240.53	34	1F	237.73	256	28	80	150.0	92.1	110.0	16.30	PHP 34XH300RSB
		268.83	38	5	266.03	–	32	100	150.0	92.1	120.0	18.30	PHP 38XH300RSB
		282.98	40	5	280.18	–	32	100	150.0	92.1	120.0	19.90	PHP 40XH300RSB
		339.57	48	5	336.77	–	32	100	175.0	92.1	120.0	22.50	PHP 48XH300RSB
		424.47	60	5	421.67	–	32	100	175.0	92.1	120.0	31.50	PHP 60XH300RSB
		127.34	18	1F	124.54	141	32	67	100.0	119.0	132.0	8.50	PHP 18XH400RSB
		134.41	19	1F	131.61	146	32	67	100.0	119.0	132.0	9.00	PHP 19XH400RSB
		141.49	20	1F	138.69	155	32	67	100.0	119.0	132.0	9.40	PHP 20XH400RSB
148.56	21	1F	145.76	169	32	73	110.0	119.0	132.0	10.50	PHP 21XH400RSB		
155.64	22	1F	152.84	169	32	73	110.0	119.0	132.0	11.50	PHP 22XH400RSB		
XH	101.6	169.79	24	1F	166.99	183	32	80	120.0	119.0	132.0	13.40	PHP 24XH400RSB
		176.86	25	1F	174.06	198	32	80	120.0	119.0	132.0	14.50	PHP 25XH400RSB
		183.93	26	1F	181.13	198	32	80	120.0	119.0	132.0	15.60	PHP 26XH400RSB
		191.01	27	1F	188.21	212	32	80	120.0	119.0	132.0	15.10	PHP 27XH400RSB
		198.09	28	1F	195.29	212	32	100	150.0	119.0	132.0	14.50	PHP 28XH400RSB
		212.23	30	1F	209.43	227	32	100	150.0	119.0	132.0	16.00	PHP 30XH400RSB
		226.38	32	1F	223.58	240	32	100	150.0	119.0	132.0	18.00	PHP 32XH400RSB
		240.53	34	1F	237.73	256	32	100	150.0	119.0	132.0	20.00	PHP 34XH400RSB
		268.83	38	5	266.03	–	32	100	150.0	119.0	132.0	22.00	PHP 38XH400RSB
		282.98	40	5	280.18	–	32	100	150.0	119.0	132.0	24.00	PHP 40XH400RSB
		339.57	48	5	336.77	–	32	110	175.0	119.0	132.0	30.80	PHP 48XH400RSB
		424.47	60	5	421.67	–	32	110	175.0	119.0	132.0	36.20	PHP 60XH400RSB

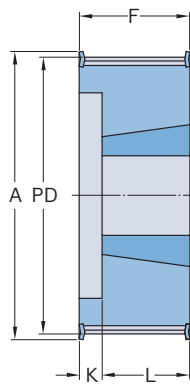
Classical timing pulleys
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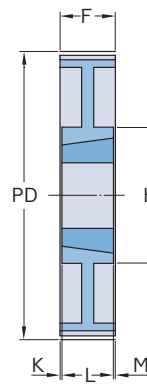
Type 2F



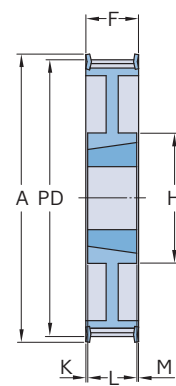
Type 3F



Type 4F



Type 7



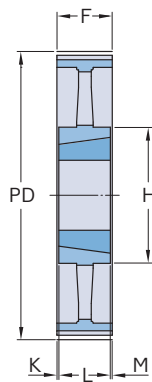
Type 7F

Section	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Bushing number	Dimensions Outer diameter OD	A	B Min.	Max.	F	K	L	M	H	Mass ¹⁾	Designation
–	mm	–	–	–	–	mm	–	–	–	–	–	–	–	–	kg	–
L	12.7	54.57	18	3F	1108	53.81	60	9	28	19.1	–	22	3.0	45	0.18	PHP 18L050TB
		57.61	19	3F	1108	56.85	63	9	28	19.1	–	22	3.0	45	0.21	PHP 19L050TB
		60.64	20	3F	1108	59.88	66	9	28	19.1	–	22	3.0	47	0.24	PHP 20L050TB
		63.67	21	3F	1108	62.91	69	9	28	19.1	–	22	3.0	49	0.30	PHP 21L050TB
		66.70	22	3F	1108	65.94	72	9	28	19.1	–	22	3.0	53	0.36	PHP 22L050TB
		69.73	23	3F	1108	68.97	78	9	28	19.1	–	22	3.0	54	0.39	PHP 23L050TB
		72.77	24	3F	1108	72.01	78	9	28	19.1	–	22	3.0	54	0.42	PHP 24L050TB
		75.80	25	3F	1108	75.04	85	9	28	19.1	–	22	3.0	56	0.49	PHP 25L050TB
		78.83	26	3F	1108	78.07	85	9	28	19.1	–	22	3.0	60	0.54	PHP 26L050TB
		81.86	27	3F	1108	81.10	91	9	28	19.1	–	22	3.0	62	0.61	PHP 27L050TB
		84.89	28	3F	1108	84.13	91	9	28	19.1	–	22	3.0	63	0.64	PHP 28L050TB
		90.06	30	3F	1108	89.30	97	9	28	19.1	–	22	3.0	70	0.77	PHP 30L050TB
		97.02	32	3F	1108	96.26	103	9	28	19.1	–	22	3.0	74	0.89	PHP 32L050TB
		109.15	36	3F	1108	108.39	115	9	28	19.1	–	22	3.0	85	1.18	PHP 36L050TB
		121.28	40	3F	1610	120.52	127	14	42	19.1	–	25	6.0	90	1.35	PHP 40L050TB
		133.40	44	3F	1610	132.64	139	14	42	19.1	–	25	6.0	90	1.60	PHP 44L050TB
		145.53	48	9F	1610	144.77	152	14	42	19.1	–	25	6.0	92	1.80	PHP 48L050TB
		181.91	60	9	1610	181.15	–	14	42	19.1	3.0	25	3.0	92	2.46	PHP 60L050TB
		218.30	72	9	1610	217.54	–	14	42	19.1	3.0	25	3.0	92	3.29	PHP 72L050TB
		254.68	84	9	1610	253.92	–	14	42	19.1	3.0	25	3.0	92	4.12	PHP 84L050TB
		291.06	96	9	2012	290.30	–	14	50	19.1	6.5	32	6.5	111	4.55	PHP 96L050TB
		363.83	120	9	2012	363.07	–	14	50	19.1	6.5	32	6.5	111	5.71	PHP 120L050TB
L	19.1	54.57	18	2F	1108	53.81	60	9	28	25.4	–	25	–	–	0.20	PHP 18L075TB
		57.61	19	2F	1108	56.85	63	9	28	25.4	–	25	–	–	0.30	PHP 19L075TB
		60.64	20	2F	1108	59.88	66	9	28	25.4	–	25	–	–	0.30	PHP 20L075TB
		63.67	21	2F	1108	62.91	69	9	28	25.4	–	25	–	–	0.40	PHP 21L075TB
		66.70	22	2F	1108	65.94	72	9	28	25.4	–	25	–	–	0.40	PHP 22L075TB
		69.73	23	2F	1108	68.97	78	9	28	25.4	–	25	–	–	0.50	PHP 23L075TB
		72.77	24	2F	1108	72.01	78	9	28	25.4	–	25	–	–	0.50	PHP 24L075TB
		75.80	25	2F	1108	75.04	85	9	28	25.4	–	25	–	–	0.60	PHP 25L075TB
		78.83	26	2F	1108	78.07	85	9	28	25.4	–	25	–	–	0.70	PHP 26L075TB
		81.86	27	2F	1108	81.10	91	9	28	25.4	–	25	–	–	0.70	PHP 27L075TB
		84.89	28	2F	1108	84.13	91	9	28	25.4	–	25	–	–	0.80	PHP 28L075TB
		90.96	30	2F	1108	90.20	97	9	28	25.4	–	25	–	–	1.00	PHP 30L075TB
		97.02	32	2F	1108	96.26	103	9	28	25.4	–	25	–	–	1.10	PHP 32L075TB
		109.15	36	2F	1610	108.39	115	14	42	25.4	–	25	–	–	1.20	PHP 36L075TB
		121.28	40	2F	1610	120.52	127	14	42	25.4	–	25	–	–	1.60	PHP 40L075TB
		133.40	44	2F	1610	132.64	139	14	42	25.4	–	25	–	–	1.90	PHP 44L075TB
		145.53	48	7F	1610	144.77	152	14	42	25.4	–	25	–	92	2.20	PHP 48L075TB
		181.91	60	7	1610	181.15	–	14	42	25.4	–	25	–	92	3.00	PHP 60L075TB
		218.30	72	8	1610	217.54	–	14	42	25.4	–	25	–	92	4.00	PHP 72L075TB
		254.68	84	9	2012	253.92	–	14	50	25.4	3.5	32	3.5	106	5.20	PHP 84L075TB
		291.06	96	9	2012	290.30	–	14	50	25.4	3.5	32	3.5	106	6.50	PHP 96L075TB
		363.83	120	9	2012	363.07	–	14	50	25.4	3.5	32	3.5	106	7.60	PHP 120L075TB
L	25.4	54.57	18	4F	1108	53.81	60	9	28	31.8	10.0	22	–	–	0.27	PHP 18L100TB
		57.61	19	4F	1108	56.85	63	9	28	31.8	10.0	22	–	–	0.30	PHP 19L100TB
		60.64	20	4F	1108	59.88	66	9	28	31.8	10.0	22	–	–	0.36	PHP 20L100TB
		63.67	21	4F	1108	62.91	69	9	28	31.8	10.0	22	–	–	0.44	PHP 21L100TB
		66.70	22	4F	1108	65.94	72	9	28	31.8	10.0	22	–	–	0.51	PHP 22L100TB
		69.73	23	4F	1108	68.97	78	9	28	31.8	10.0	22	–	–	0.54	PHP 23L100TB
		72.77	24	4F	1108	72.01	78	9	28	31.8	10.0	22	–	–	0.58	PHP 24L100TB
		75.80	25	4F	1108	75.04	85	9	28	31.8	10.0	22	–	–	0.67	PHP 25L100TB
		78.83	26	4F	1108	78.07	85	9	28	31.8	10.0	22	–	–	0.72	PHP 26L100TB

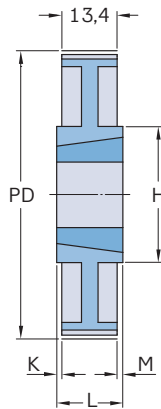
¹⁾ Mass does not include bushings..

Classical timing pulleys

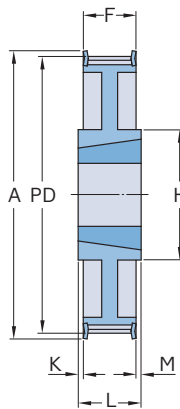
L Taper bushed | H Taper bushed



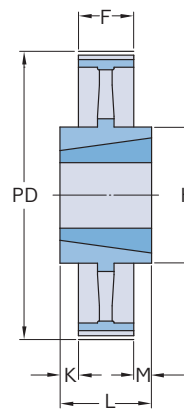
Type 8



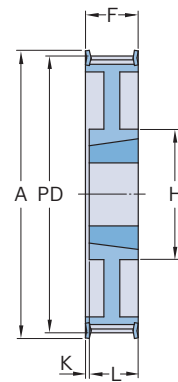
Type 9



Type 9F



Type 10

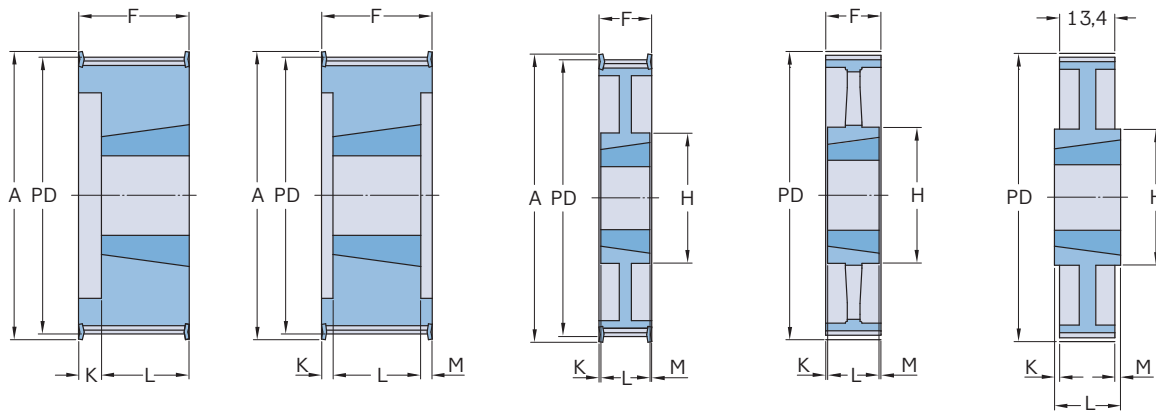


Type 13F

Section	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Bushing number	Dimensions											Mass ¹⁾	Designation
						Outer diameter OD	A	B		F	K	L	M	H			kg	
–	mm		–	–	–	mm		Min.	Max.									–
L	25.4	81.86	27	4F	1108	81.10	91	9	28	31.8	10.0	22	–	–	0.80	PHP 27L100TB		
		84.89	28	4F	1108	84.13	91	9	28	31.8	10.0	22	–	–	0.83	PHP 28L100TB		
		90.96	30	4F	1210	90.20	97	11	32	31.8	7.0	25	–	–	0.94	PHP 30L100TB		
		97.02	32	4F	1210	96.26	103	11	32	31.8	7.0	25	–	–	1.10	PHP 32L100TB		
		109.15	36	4F	1610	108.39	115	14	42	31.8	7.0	25	–	–	1.33	PHP 36L100TB		
		121.28	40	4F	1610	120.52	127	14	42	31.8	7.0	25	–	–	1.70	PHP 40L100TB		
		133.40	44	4F	1610	132.64	139	14	42	31.8	7.0	25	–	–	2.30	PHP 44L100TB		
		145.53	48	13F	1610	144.77	152	14	42	31.8	7.0	25	–	92	2.60	PHP 48L100TB		
		181.91	60	7	1610	181.15	–	14	42	31.8	3.5	25	3.5	92	3.76	PHP 60L100TB		
		218.30	72	10	2012	217.54	–	14	50	31.8	–	32	–	111	4.40	PHP 72L100TB		
		254.68	84	10	2012	253.92	–	14	50	31.8	–	32	–	111	5.87	PHP 84L100TB		
		291.06	96	10	2012	290.30	–	14	50	31.8	–	32	–	111	7.26	PHP 96L100TB		
		363.83	120	10	2012	363.07	–	14	50	31.8	–	32	–	111	8.50	PHP 120L100TB		
H	19.1	56.60	14	2F	1108	55.23	62	9	28	27.0	–	22	–	–	0.48	PHP 14H075TB		
		60.64	15	2F	1108	59.27	67	9	28	27.0	–	22	–	–	0.53	PHP 15H075TB		
		64.67	16	2F	1108	63.30	71	9	28	27.0	–	22	–	–	0.57	PHP 16H075TB		
		68.72	17	2F	1108	67.35	75	9	28	27.0	–	22	–	–	0.67	PHP 17H075TB		
		72.77	18	2F	1210	71.40	79	11	32	27.0	–	25	–	–	0.76	PHP 18H075TB		
		76.81	19	2F	1210	75.44	83	11	32	27.0	–	25	–	–	0.95	PHP 19H075TB		
		80.85	20	2F	1210	79.48	87	11	32	27.0	–	25	–	–	1.05	PHP 20H075TB		
		84.89	21	2F	1210	83.52	91	11	32	27.0	–	25	–	–	1.14	PHP 21H075TB		
		88.94	22	2F	1210	87.57	95	11	32	27.0	–	25	–	–	1.33	PHP 22H075TB		
		92.98	23	2F	1610	91.61	98	14	42	27.0	–	25	–	–	1.43	PHP 23H075TB		
		97.02	24	2F	1610	95.65	103	14	42	27.0	–	25	–	–	1.52	PHP 24H075TB		
		101.06	25	2F	1610	99.69	107	14	42	27.0	–	25	–	–	1.62	PHP 25H075TB		
		105.11	26	2F	1610	103.74	111	14	42	27.0	–	25	–	–	1.71	PHP 26H075TB		
		109.15	27	2F	1610	107.78	115	14	42	27.0	–	25	–	–	1.81	PHP 27H075TB		
		113.19	28	2F	1610	111.82	119	14	42	27.0	–	25	–	–	1.90	PHP 28H075TB		
		117.23	29	2F	1610	115.86	123	14	42	27.0	–	25	–	–	1.95	PHP 29H075TB		
		121.28	30	2F	1610	119.91	127	14	42	27.0	–	25	–	–	2.00	PHP 30H075TB		

¹⁾ Mass does not include bushings..

Classical timing pulleys
H Taper bushed



Type 4F

Type 6F

Type 7F

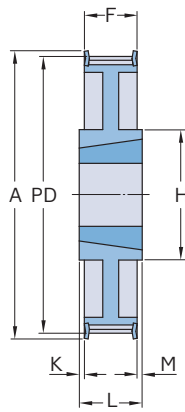
Type 8

Type 9

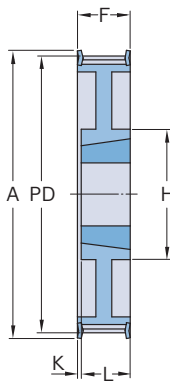
Section	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Bushing number	Dimensions Outer diameter OD	A	B Min.	Max.	F	K	L	M	H	Mass ¹⁾	Designation
–	mm	–	–	–	–	mm	–	–	–	–	–	–	–	–	kg	–
H	19.1	129.36	32	14F	1610	127.99	135	14	42	27.0	–	25	–	92	2.09	PHP 32H075TB
		133.40	33	14F	1610	132.03	142	14	42	27.0	–	25	–	92	2.14	PHP 33H075TB
		137.45	34	14F	1610	136.08	142	14	42	27.0	–	25	–	92	2.19	PHP 34H075TB
		141.49	35	14F	1610	140.12	151	14	42	27.0	–	25	–	92	2.24	PHP 35H075TB
		145.53	36	14F	1610	144.16	151	14	42	27.0	–	25	–	92	2.28	PHP 36H075TB
		153.62	38	14F	1610	152.25	158	14	42	27.0	–	25	–	92	2.47	PHP 38H075TB
		161.70	40	14F	1610	160.33	168	14	42	27.0	–	25	–	92	2.66	PHP 40H075TB
		177.87	44	9F	2012	176.50	184	14	50	27.0	2.5	32	2.5	106	2.57	PHP 44H075TB
		194.04	48	9F	2012	192.67	200	14	50	27.0	2.5	32	2.5	106	2.85	PHP 48H075TB
		242.55	60	9	2012	241.18	–	14	50	27.0	2.5	32	2.5	106	2.90	PHP 60H075TB
		291.06	72	9	2012	289.69	–	14	50	27.0	2.5	32	2.5	112	3.00	PHP 72H075TB
		339.57	84	9	2012	338.20	–	14	50	27.0	2.5	32	2.5	112	3.15	PHP 84H075TB
		388.08	96	9	2517	386.71	–	16	60	27.0	9.0	45	9.0	125	3.50	PHP 96H075TB
		485.10	120	9	2517	483.73	–	16	60	27.0	9.0	45	9.0	125	4.25	PHP 120H075TB
		56.60	14	4F	1108	55.23	63	9	28	31.0	9.0	22	–	–	0.30	PHP 14H100TB
		60.60	15	4F	1108	59.23	67	9	28	31.0	9.0	22	–	–	0.40	PHP 15H100TB
		64.70	16	4F	1108	63.33	71	9	28	31.0	9.0	22	–	–	0.40	PHP 16H100TB
		68.70	17	4F	1108	67.33	75	9	28	31.0	9.0	22	–	–	0.50	PHP 17H100TB
		72.80	18	4F	1210	71.43	79	11	32	31.0	6.0	25	–	–	0.50	PHP 18H100TB
H	25.4	76.80	19	4F	1210	75.43	83	11	32	31.0	6.0	25	–	–	0.60	PHP 19H100TB
		80.80	20	4F	1210	79.43	87	11	32	31.0	6.0	25	–	–	0.80	PHP 20H100TB
		84.90	21	4F	1210	83.53	91	11	32	32.0	7.0	25	–	–	0.80	PHP 21H100TB
		88.90	22	4F	1210	87.53	95	11	32	32.0	7.0	25	–	–	0.90	PHP 22H100TB
		93.00	23	4F	1610	91.63	98	14	42	32.0	7.0	25	–	–	0.90	PHP 23H100TB
		97.00	24	4F	1610	95.63	103	14	42	32.0	7.0	25	–	–	1.00	PHP 24H100TB
		101.10	25	4F	1610	99.73	107	14	42	32.0	7.0	25	–	–	1.10	PHP 25H100TB
		105.10	26	4F	1610	103.73	111	14	42	32.0	7.0	25	–	–	1.20	PHP 26H100TB
		109.20	27	4F	1610	107.83	115	14	42	32.0	7.0	25	–	–	1.40	PHP 27H100TB
		113.20	28	4F	1610	111.83	119	14	42	32.0	7.0	25	–	–	1.50	PHP 28H100TB
		121.30	30	4F	1610	119.93	127	14	42	32.0	7.0	25	–	–	1.70	PHP 30H100TB
		129.40	32	13F	1610	128.03	135	14	42	32.0	7.0	25	–	92	1.70	PHP 32H100TB
		145.50	36	13F	1610	144.13	151	14	42	32.0	7.0	25	–	92	2.30	PHP 36H100TB
		161.70	40	13F	1610	160.33	168	14	42	32.0	7.0	25	–	92	2.70	PHP 40H100TB
		177.90	44	14F	2012	176.53	184	14	50	32.0	7.0	32	–	106	3.70	PHP 44H100TB
		194.00	48	14F	2012	192.63	200	14	50	32.0	7.0	32	–	106	4.70	PHP 48H100TB
		242.60	60	8	2012	241.23	–	14	50	34.0	1.0	32	1.0	106	7.50	PHP 60H100TB
		291.10	72	8	2012	289.73	–	14	50	34.0	1.0	32	1.0	106	8.40	PHP 72H100TB
		339.60	84	8	2012	338.23	–	14	50	34.0	1.0	32	1.0	106	9.00	PHP 84H100TB
		388.10	96	9	2517	386.73	–	16	60	34.0	5.5	45	5.5	124	11.00	PHP 96H100TB
H	38.1	485.10	120	9	2517	483.73	–	16	60	34.0	5.5	45	5.5	124	14.00	PHP 120H100TB
		56.60	14	4F	1108	55.23	63	9	28	45.0	23.0	22	–	–	0.50	PHP 14H150TB
		64.67	16	4F	1108	63.30	71	9	28	45.0	23.0	22	–	–	0.60	PHP 16H150TB
		72.77	18	4F	1210	71.40	79	11	32	45.0	20.0	25	–	–	0.69	PHP 18H150TB
		76.81	19	4F	1210	75.44	83	11	32	45.0	20.0	25	–	–	0.86	PHP 19H150TB
		80.85	20	4F	1210	79.48	87	11	32	45.0	20.0	25	–	–	0.98	PHP 20H150TB
		84.89	21	4F	1210	83.52	91	11	32	45.0	20.0	25	–	–	0.98	PHP 21H150TB
		88.94	22	4F	1210	87.57	95	11	32	45.0	20.0	25	–	–	1.10	PHP 22H150TB
		92.98	23	4F	1610	91.61	98	14	42	45.0	20.0	25	–	–	1.16	PHP 23H150TB
		97.02	24	4F	1610	95.65	103	14	42	45.0	20.0	25	–	–	1.22	PHP 24H150TB
		101.06	25	4F	1610	99.69	107	14	42	45.0	20.0	25	–	–	1.37	PHP 25H150TB
		105.11	26	4F	1610	103.74	111	14	42	45.0	20.0	25	–	–	1.51	PHP 26H150TB
		109.15	27	4F	1610	107.78	115	14	42	45.0	20.0	25	–	–	1.67	PHP 27H150TB
		113.19	28	4F	1610	111.82	119	14	42	45.0	20.0	25	–	–	1.77	PHP 28H150TB

¹⁾ Mass does not include bushings..

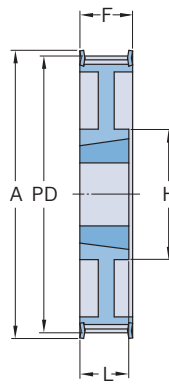
Classical timing pulleys H Taper bushed



Type 9F



Type 13F

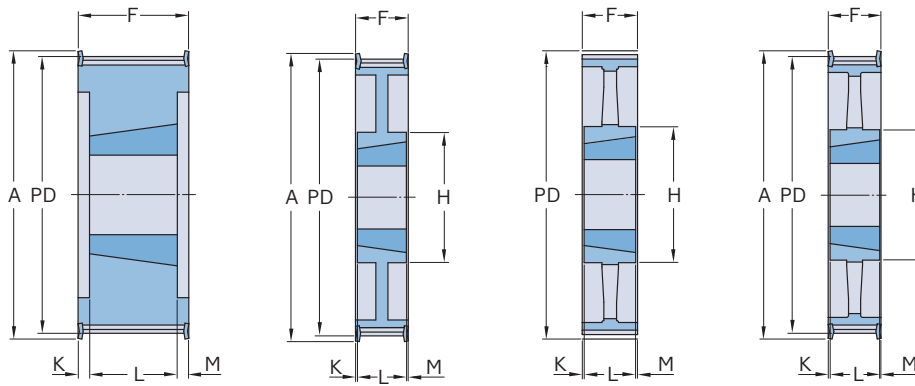


Type 14F

Section	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Bushing number	Dimensions Outer diameter OD	A	B Min.	Max.	F	K	L	M	H	Mass ¹⁾ kg	Designation
–	mm	–	–	–	–	mm	–	–	–	–	–	–	–	–	–	–
H	38.1	121.28	30	4F	1610	119.91	127	14	42	45.0	20.0	25	–	–	2.05	PHP 30H150TB
		129.36	32	13F	1610	127.99	135	14	42	45.0	20.0	25	–	92	2.07	PHP 32H150TB
		145.53	36	13F	1610	144.16	151	14	42	45.0	20.0	25	–	92	2.76	PHP 36H150TB
		161.70	40	13F	1610	160.33	168	14	42	45.0	20.0	25	–	92	3.34	PHP 40H150TB
		177.87	44	13F	2012	176.50	184	14	50	45.0	13.0	32	–	106	5.19	PHP 44H150TB
		194.34	48	13F	2012	192.97	200	14	50	45.0	13.0	32	–	106	5.70	PHP 48H150TB
		242.55	60	8	2012	241.18	–	14	50	46.0	7.0	32	7.0	106	6.81	PHP 60H150TB
		291.06	72	8	2012	289.69	–	14	50	46.0	7.0	32	7.0	106	7.79	PHP 72H150TB
		339.57	84	8	2012	338.20	–	14	50	46.0	7.0	32	7.0	111	9.15	PHP 84H150TB
		388.08	96	8	2517	386.71	–	16	60	46.0	0.5	45	0.5	124	13.00	PHP 96H150TB
		485.10	120	8	2517	483.73	–	16	60	46.0	0.5	45	0.5	124	16.80	PHP 120H150TB
		64.57	16	4F	1108	63.20	71	9	28	58.0	36.0	22	–	–	0.80	PHP 16H200TB
		72.77	18	4F	1210	71.40	79	11	32	58.0	33.0	25	–	–	0.91	PHP 18H200TB
		76.81	19	4F	1210	75.44	83	11	32	58.0	33.0	25	–	–	1.05	PHP 19H200TB
		80.85	20	4F	1610	79.48	87	14	42	58.0	33.0	25	–	–	0.92	PHP 20H200TB
H	50.8	84.89	21	4F	1610	83.52	91	14	42	58.0	33.0	25	–	–	1.04	PHP 21H200TB
		88.94	22	4F	1610	87.57	95	14	42	58.0	33.0	25	–	–	1.18	PHP 22H200TB
		92.98	23	4F	1610	91.61	98	14	42	58.0	33.0	25	–	–	1.28	PHP 23H200TB
		97.02	24	4F	1610	95.65	103	14	42	58.0	33.0	25	–	–	1.37	PHP 24H200TB
		101.06	25	4F	1610	99.69	107	14	42	58.0	33.0	25	–	–	1.59	PHP 25H200TB
		105.11	26	4F	1610	103.74	111	14	42	58.0	33.0	25	–	–	1.63	PHP 26H200TB
		109.15	27	4F	1610	107.78	115	14	42	58.0	33.0	25	–	–	1.98	PHP 27H200TB
		113.19	28	4F	1610	111.82	119	14	42	58.0	33.0	25	–	–	1.92	PHP 28H200TB
		121.28	30	4F	1610	119.91	127	14	42	58.0	33.0	25	–	–	2.24	PHP 30H200TB
		129.36	32	4F	2012	127.99	135	14	50	58.0	26.0	32	–	–	2.87	PHP 32H200TB
		145.53	36	13F	2012	144.16	151	14	50	58.0	26.0	32	–	–	3.42	PHP 36H200TB
		161.70	40	13F	2012	160.33	168	14	50	58.0	26.0	32	–	–	4.39	PHP 40H200TB
		177.87	44	13F	2012	176.50	184	14	50	58.0	26.0	32	–	–	5.89	PHP 44H200TB
		194.04	48	13F	2517	192.67	200	16	60	58.0	13.0	45	–	–	7.00	PHP 48H200TB
		242.55	60	8	2517	241.18	–	16	60	60.0	7.5	45	7.5	–	8.88	PHP 60H200TB
		291.06	72	8	2517	289.69	–	16	60	60.0	7.5	45	7.5	–	9.05	PHP 72H200TB
		339.57	84	8	2517	338.20	–	16	60	60.0	7.5	45	7.5	–	10.66	PHP 84H200TB
		388.08	96	8	2517	386.71	–	16	60	60.0	7.5	45	7.5	–	15.28	PHP 96H200TB
		485.10	120	8	2517	483.73	–	16	60	60.0	7.5	45	7.5	–	20.16	PHP 120H200TB
		72.77	18	6F	1215	71.40	83	11	32	84.0	23.0	38	23.0	–	1.10	PHP 18H300TB
		80.85	20	6F	1615	79.48	87	14	42	84.0	23.0	38	23.0	–	1.25	PHP 20H300TB
		84.89	21	6F	1615	83.52	91	14	42	84.0	23.0	38	23.0	–	1.56	PHP 21H300TB
		88.94	22	6F	1615	87.57	94	14	42	84.0	23.0	38	23.0	–	1.75	PHP 22H300TB
		92.98	23	6F	1615	91.61	98	14	42	84.0	23.0	38	23.0	–	1.93	PHP 23H300TB
		97.02	24	6F	1615	95.65	103	14	42	84.0	23.0	38	23.0	–	2.14	PHP 24H300TB
		101.06	25	6F	1615	99.69	107	14	42	84.0	23.0	38	23.0	–	2.21	PHP 25H300TB
		105.11	26	6F	1615	103.74	111	14	42	84.0	23.0	38	23.0	–	2.65	PHP 26H300TB
		109.15	27	6F	2012	107.78	115	14	50	84.0	26.0	32	26.0	–	2.49	PHP 27H300TB
		113.19	28	6F	2012	111.82	119	14	50	84.0	26.0	32	26.0	–	2.88	PHP 28H300TB
		121.28	30	6F	2012	119.91	127	14	50	84.0	26.0	32	26.0	–	3.44	PHP 30H300TB
		129.36	32	6F	2517	127.99	135	16	60	84.0	19.5	45	19.5	–	3.51	PHP 32H300TB
		145.53	36	6F	2517	144.16	151	16	60	84.0	19.5	45	19.5	–	4.43	PHP 36H300TB
		161.70	40	6F	2517	160.33	168	16	60	84.0	19.5	45	19.5	–	6.10	PHP 40H300TB
		177.87	44	7F	2517	176.50	184	16	60	86.0	20.5	45	20.5	124	7.55	PHP 44H300TB
		194.04	48	7F	2517	192.67	200	16	60	86.0	20.5	45	20.5	124	8.99	PHP 48H300TB
		242.55	60	8	2517	241.18	–	16	60	86.0	20.5	45	20.5	124	11.06	PHP 60H300TB
		291.06	72	8	2517	289.69	–	16	60	86.0	20.5	45	20.5	124	12.66	PHP 72H300TB
		339.57	84	8	2517	338.20	–	16	60	86.0	20.5	45	20.5	124	14.50	PHP 84H300TB

¹⁾ Mass does not include bushings..

Classical timing pulleys
H Taper bushed | XH Taper bushed



Type 6F

Type 7F

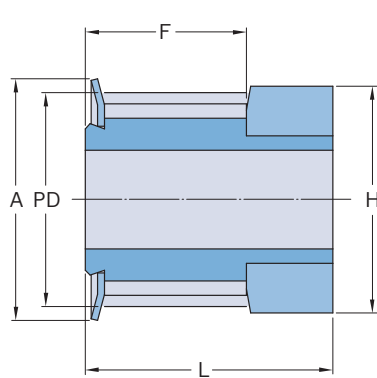
Type 8

Type 8F

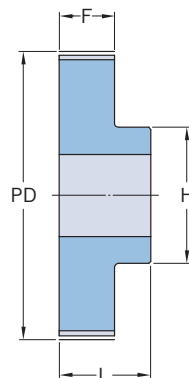
Section	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Bushing number	Dimensions Outer diameter OD	A	B Min.	Max.	F	K	L	M	H	Mass ¹⁾	Designation
–	mm	–	–	–	–	mm	–	–	–	–	–	–	–	–	kg	–
H	76.2	388.08	96	8	3030	386.71	–	35	75	86.0	5.0	76	5.0	155	16.20	PHP 96H300TB
		485.10	120	8	3030	483.73	–	35	75	86.0	5.0	76	5.0	155	20.80	PHP 120H300TB
XH	50.8	127.34	18	6F	2012	124.54	141	14	50	65.1	–	32	–	–	2.60	PHP 18XH200TB
		134.41	19	6F	2012	131.61	146	14	50	65.1	–	32	–	–	3.10	PHP 19XH200TB
		141.49	20	6F	2012	138.69	155	14	50	65.1	–	32	–	–	3.60	PHP 20XH200TB
		148.56	21	6F	2517	145.76	169	16	60	65.1	–	45	–	–	4.20	PHP 21XH200TB
		155.64	22	6F	2517	152.84	169	16	60	65.1	–	45	–	–	4.80	PHP 22XH200TB
		169.79	24	6F	2517	166.99	183	16	60	65.1	–	45	–	–	6.10	PHP 24XH200TB
		176.86	25	6F	2517	174.06	198	16	60	65.1	–	45	–	–	6.80	PHP 25XH200TB
		183.93	26	6F	2517	181.13	198	16	60	65.1	–	45	–	–	7.40	PHP 26XH200TB
		191.01	27	7F	2517	188.21	212	16	60	65.1	–	45	–	134	8.20	PHP 27XH200TB
		198.09	28	7F	2517	195.29	212	16	60	65.1	–	45	–	134	9.00	PHP 28XH200TB
		212.23	30	7F	2517	209.43	226	16	60	65.1	–	45	–	134	9.60	PHP 30XH200TB
		226.38	32	7F	2517	223.58	240	16	60	65.1	–	45	–	134	9.80	PHP 32XH200TB
		254.64	36	8F	2517	251.84	267	16	60	65.1	–	45	–	134	11.60	PHP 36XH200TB
		282.98	40	8	2517	280.18	–	16	60	65.1	–	45	–	134	13.30	PHP 40XH200TB
		339.57	48	8	3020	336.77	–	25	75	65.1	–	51	–	165	19.00	PHP 48XH200TB
		424.47	60	8	3020	421.67	–	25	75	65.1	–	51	–	165	22.00	PHP 60XH200TB
XH	76.2	127.34	18	6F	2012	124.54	141	14	50	92.1	–	45	–	–	3.70	PHP 18XH300TB
		134.41	19	6F	2517	131.61	146	16	60	92.1	–	45	–	–	4.20	PHP 19XH300TB
		141.49	20	6F	2517	138.69	155	16	60	92.1	–	45	–	–	4.70	PHP 20XH300TB
		148.56	21	6F	2517	145.76	169	16	60	92.1	–	45	–	–	5.40	PHP 21XH300TB
		155.64	22	6F	2517	152.84	169	16	60	92.1	–	45	–	–	6.00	PHP 22XH300TB
		169.79	24	6F	2517	166.99	183	16	60	92.1	–	45	–	–	7.60	PHP 24XH300TB
		176.86	25	6F	2517	174.06	198	16	60	92.1	–	45	–	–	8.70	PHP 25XH300TB
		183.93	26	6F	2517	181.13	198	16	60	92.1	–	45	–	–	9.80	PHP 26XH300TB
		191.01	27	6F	2517	188.21	212	16	60	92.1	–	45	–	–	10.70	PHP 27XH300TB
		198.09	28	7F	2517	195.29	212	16	60	92.1	–	45	–	134	11.60	PHP 28XH300TB
		212.23	30	7F	2517	209.43	226	16	60	92.1	–	45	–	134	11.90	PHP 30XH300TB
		226.38	32	7F	3020	223.58	240	25	75	92.1	–	51	–	165	13.80	PHP 32XH300TB
		254.64	36	7F	3020	251.84	267	25	75	92.1	–	51	–	165	16.70	PHP 36XH300TB
		282.98	40	8	3020	280.18	–	25	75	92.1	–	51	–	165	19.50	PHP 40XH300TB
		339.57	48	8	3020	336.77	–	25	75	92.1	–	51	–	165	27.00	PHP 48XH300TB
		424.47	60	8	3535	421.67	–	35	90	92.1	–	89	–	184	28.00	PHP 60XH300TB
XH	101.6	127.34	18	6F	2012	124.54	141	16	60	92.1	–	45	–	–	5.00	PHP 18XH400TB
		134.41	19	6F	2517	131.61	146	16	60	92.1	–	45	–	–	5.50	PHP 19XH400TB
		141.49	20	6F	2517	138.69	155	16	60	92.1	–	45	–	–	6.00	PHP 20XH400TB
		148.56	21	6F	2517	145.76	169	16	60	92.1	–	45	–	–	6.60	PHP 21XH400TB
		155.64	22	6F	2517	152.84	169	16	60	92.1	–	45	–	–	7.20	PHP 22XH400TB
		169.79	24	6F	3020	166.99	183	25	75	92.1	–	51	–	–	8.40	PHP 24XH400TB
		176.86	25	6F	3020	174.06	198	25	75	92.1	–	51	–	–	9.40	PHP 25XH400TB
		183.93	26	6F	3020	181.13	198	25	75	92.1	–	51	–	–	10.30	PHP 26XH400TB
		191.01	27	6F	3020	188.21	212	25	75	92.1	–	51	–	–	11.30	PHP 27XH400TB
		198.09	28	6F	3020	195.29	212	25	75	92.1	–	51	–	–	12.30	PHP 28XH400TB
		212.23	30	6F	3020	209.43	226	25	75	92.1	–	51	–	–	14.30	PHP 30XH400TB
		226.38	32	7F	3020	223.58	240	25	75	92.1	–	51	–	165	19.90	PHP 32XH400TB
		254.64	36	7F	3020	251.84	267	25	75	92.1	–	51	–	165	22.30	PHP 36XH400TB
		282.98	40	8	3020	280.18	–	25	75	92.1	–	51	–	165	24.60	PHP 40XH400TB
		339.57	48	8	3535	336.77	–	35	90	92.1	–	89	–	184	30.00	PHP 48XH400TB
		424.47	60	8	3535	421.67	–	35	90	92.1	–	89	–	184	40.00	PHP 60XH400TB

¹⁾ Mass does not include bushings..

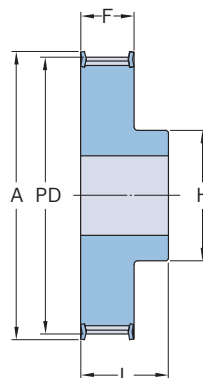
Metric timing pulleys
2.5 mm pitch type T pilot bore (RSB)



Type 0F



Type 1

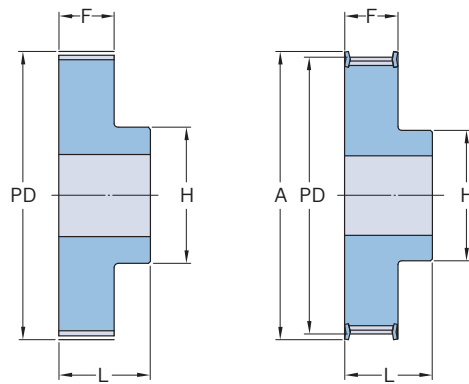


Type 1F

Section	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Dimensions							Mass	Designation
					Outer diameter OD	A	B Min.	Max.	H	F	L		
–	mm	–	–	–	mm							kg	–
2.5	4 and 6	7.96	10	0F	7.45	10	–	3	10	10	16	0.001	PHP 16-T2.5-10RSB
		8.75	11	0F	8.25	12	–	3	11	10	16	0.002	PHP 16-T2.5-11RSB
		9.54	12	0F	9.00	13	–	4	13	10	16	0.003	PHP 16-T2.5-12RSB
		10.35	13	0F	9.95	14	–	4	14	10	16	0.004	PHP 16-T2.5-13RSB
		11.14	14	0F	10.60	15	–	5	15	10	16	0.004	PHP 16-T2.5-14RSB
		11.94	15	0F	11.40	15	–	6	15	10	16	0.010	PHP 16-T2.5-15RSB
		12.73	16	0F	12.20	16	–	7	16	10	16	0.005	PHP 16-T2.5-16RSB
		13.53	17	0F	13.00	17	4	7	16	10	16	0.006	PHP 16-T2.5-17RSB
		14.32	18	1F	13.80	18	4	7	10	10	16	0.006	PHP 16-T2.5-18RSB
		15.12	19	1F	14.60	18	4	7	10	10	16	0.007	PHP 16-T2.5-19RSB
		15.92	20	1F	15.40	20	4	7	11	10	16	0.008	PHP 16-T2.5-20RSB
		16.71	21	1F	16.20	20	4	7	11	10	16	0.009	PHP 16-T2.5-21RSB
		17.51	22	1F	17.00	23	4	7	10	10	16	0.009	PHP 16-T2.5-22RSB
		18.30	23	1F	17.80	23	4	8	12	10	16	0.010	PHP 16-T2.5-23RSB
		19.10	24	1F	18.55	23	4	8	12	10	16	0.012	PHP 16-T2.5-24RSB
		19.89	25	1F	19.35	23	4	9	13	10	16	0.013	PHP 16-T2.5-25RSB
		20.69	26	1F	20.15	25	4	9	14	10	16	0.014	PHP 16-T2.5-26RSB
		21.49	27	1F	20.90	25	4	9	14	10	16	0.015	PHP 16-T2.5-27RSB
		22.28	28	1F	21.75	25	4	9	14	10	16	0.016	PHP 16-T2.5-28RSB
		23.87	30	1F	23.35	28	6	10	16	10	16	0.018	PHP 16-T2.5-30RSB
		25.46	32	1F	24.95	32	6	10	16	10	16	0.020	PHP 16-T2.5-32RSB
		27.85	35	1F	27.35	36	6	10	18	10	16	0.024	PHP 16-T2.5-35RSB
		28.65	36	1F	28.10	36	6	13	20	10	16	0.026	PHP 16-T2.5-36RSB
		30.24	38	1F	30.70	38	6	13	22	10	16	0.029	PHP 16-T2.5-38RSB
		31.83	40	1F	31.30	38	6	13	22	10	16	0.032	PHP 16-T2.5-40RSB
		33.42	42	1F	32.90	42	6	15	24	10	16	0.036	PHP 16-T2.5-42RSB
		35.01	44	1	34.50	–	6	15	24	10	16	0.040	PHP 16-T2.5-44RSB
		35.81	45	1	35.30	–	6	17	26	10	16	0.044	PHP 16-T2.5-45RSB
		38.20	48	1	37.70	–	6	17	26	10	16	0.048	PHP 16-T2.5-48RSB
		42.97	54	1	42.45	–	8	19	30	10	16	0.056	PHP 16-T2.5-54RSB
		45.36	57	1	44.85	–	8	19	32	10	16	0.064	PHP 16-T2.5-57RSB
		47.75	60	1	47.25	–	8	22	34	10	16	0.073	PHP 16-T2.5-60RSB
2.5	10	7.96	10	0F	7.45	10	3	3	10	14	20	0.010	PHP 20-T2.5-10RSB
		8.75	11	0F	8.25	12	3	3	11	14	20	0.010	PHP 20-T2.5-11RSB
		9.55	12	0F	9.00	13	3	4	13	14	20	0.020	PHP 20-T2.5-12RSB
		10.35	13	0F	9.95	14	3	4	14	14	20	0.020	PHP 20-T2.5-13RSB
		11.14	14	0F	10.60	14	3	5	15	14	20	0.020	PHP 20-T2.5-14RSB
		11.94	15	0F	11.40	15	3	6	15	14	20	0.020	PHP 20-T2.5-15RSB
		12.73	16	0F	12.20	16	4	7	16	14	20	0.030	PHP 20-T2.5-16RSB
		13.53	17	1F	13.00	17	4	7	16	14	20	0.020	PHP 20-T2.5-17RSB
		14.32	18	1F	13.80	17	4	7	10	14	20	0.030	PHP 20-T2.5-18RSB
		15.12	19	1F	14.60	18	4	7	10	14	20	0.040	PHP 20-T2.5-19RSB
		15.92	20	1F	15.40	19	4	7	11	14	20	0.040	PHP 20-T2.5-20RSB
		16.71	21	1F	16.20	20	4	7	11	14	20	0.040	PHP 20-T2.5-21RSB
		17.60	22	1F	17.00	22	4	7	11	14	20	0.050	PHP 20-T2.5-22RSB
		18.30	23	1F	17.80	22	4	8	12	14	20	0.050	PHP 20-T2.5-23RSB
		19.10	24	1F	18.55	22	4	8	12	14	20	0.050	PHP 20-T2.5-24RSB
		19.89	25	1F	19.35	24	4	9	13	14	20	0.060	PHP 20-T2.5-25RSB
		20.75	26	1F	20.15	26	4	9	14	14	20	0.060	PHP 20-T2.5-26RSB
		21.49	27	1F	20.90	26	4	9	14	14	20	0.060	PHP 20-T2.5-27RSB
		22.35	28	1F	21.75	26	4	9	14	14	20	0.070	PHP 20-T2.5-28RSB
		23.87	30	1F	23.35	28	6	10	16	14	20	0.080	PHP 20-T2.5-30RSB
		25.47	32	1F	24.95	28	6	10	16	14	20	0.090	PHP 20-T2.5-32RSB

Metric timing pulleys

2.5 mm pitch type T pilot bore (RSB) | 5 mm pitch type T pilot bore (RSB)



Type 1

Type 1F

Section	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Dimensions Outer diameter OD	A	B Min.	Max.	H	F	L	Mass	Designation
–	mm	–	–	–	mm	–	–	–	–	–	–	kg	–
2.5	10	27.85	35	1F	27.35	32	6	10	18	14	20	0.110	PHP 20-T2.5-35RSB
		28.65	36	1F	28.10	32	6	13	20	14	20	0.110	PHP 20-T2.5-36RSB
		30.24	38	1F	29.70	34	6	13	22	14	20	0.130	PHP 20-T2.5-38RSB
		31.83	40	1F	31.30	35	6	13	22	14	20	0.140	PHP 20-T2.5-40RSB
		33.42	42	1	32.90	–	6	15	24	14	20	0.180	PHP 20-T2.5-42RSB
		35.01	44	1	34.50	–	6	15	24	14	20	0.190	PHP 20-T2.5-44RSB
		35.81	45	1	35.30	–	6	17	26	14	20	0.190	PHP 20-T2.5-45RSB
		38.20	48	1	37.70	–	6	17	26	14	20	0.200	PHP 20-T2.5-48RSB
		42.97	54	1	42.45	–	8	19	30	14	20	0.250	PHP 20-T2.5-54RSB
		45.36	57	1	44.85	–	8	19	32	14	20	0.280	PHP 20-T2.5-57RSB
		47.75	60	1	47.25	–	8	22	34	14	20	0.310	PHP 20-T2.5-60RSB
		15.92	10	1F	15.05	20	4	5	8	15	21	0.010	PHP 21-T5-10RSB
		17.51	11	1F	16.65	22	4	6	10	15	21	0.010	PHP 21-T5-11RSB
		19.10	12	1F	18.25	23	4	7	12	15	21	0.020	PHP 21-T5-12RSB
		20.69	13	1F	19.85	25	6	8	13	15	21	0.020	PHP 21-T5-13RSB
		22.29	14	1F	21.45	26	6	9	14	15	21	0.020	PHP 21-T5-14RSB
5	10	23.88	15	1F	23.05	28	6	10	16	15	21	0.020	PHP 21-T5-15RSB
		25.47	16	1F	24.60	30	6	11	18	15	21	0.030	PHP 21-T5-16RSB
		27.06	17	1F	26.20	32	6	12	19	15	21	0.030	PHP 21-T5-17RSB
		28.65	18	1F	27.80	32	6	13	20	15	21	0.030	PHP 21-T5-18RSB
		30.25	19	1F	29.40	36	6	14	22	15	21	0.040	PHP 21-T5-19RSB
		31.83	20	1F	31.00	36	6	15	24	15	21	0.040	PHP 21-T5-20RSB
		33.42	21	1F	32.55	38	6	15	24	15	21	0.040	PHP 21-T5-21RSB
		35.01	22	1F	34.15	38	6	15	24	15	21	0.050	PHP 21-T5-22RSB
		36.61	23	1F	35.75	42	6	16	25	15	21	0.050	PHP 21-T5-23RSB
		38.21	24	1F	37.40	44	6	17	26	15	21	0.050	PHP 21-T5-24RSB
		39.80	25	1F	38.95	44	6	17	26	15	21	0.060	PHP 21-T5-25RSB
		41.45	26	1F	40.60	44	6	17	26	15	21	0.060	PHP 21-T5-26RSB
		42.98	27	1F	42.20	48	8	19	30	15	21	0.060	PHP 21-T5-27RSB
		44.56	28	1F	43.75	48	8	20	32	15	21	0.060	PHP 21-T5-28RSB
		47.76	30	1F	46.95	51	8	22	34	15	21	0.080	PHP 21-T5-30RSB
		50.94	32	1F	50.10	54	8	24	38	15	21	0.090	PHP 21-T5-32RSB
		55.70	35	1F	54.85	59	8	24	38	15	21	0.100	PHP 21-T5-35RSB
		57.31	36	1F	56.45	63	8	24	38	15	21	0.110	PHP 21-T5-36RSB
		60.48	38	1F	59.65	66	8	26	40	15	21	0.130	PHP 21-T5-38RSB
		63.66	40	1F	62.85	66	8	26	40	15	21	0.140	PHP 21-T5-40RSB
		66.84	42	1F	66.00	71	8	26	40	15	21	0.180	PHP 21-T5-42RSB
		70.20	44	1	69.35	–	8	29	45	15	21	0.190	PHP 21-T5-44RSB
		71.62	45	1	70.80	–	8	31	45	15	21	0.190	PHP 21-T5-45RSB
		76.39	48	1	75.55	–	8	32	50	15	21	0.200	PHP 21-T5-48RSB
		85.94	54	1	85.10	–	8	35	55	15	21	0.240	PHP 21-T5-54RSB
		90.72	57	1	89.90	–	8	38	60	15	21	0.270	PHP 21-T5-57RSB
		95.49	60	1	94.65	–	8	42	65	15	21	0.310	PHP 21-T5-60RSB
		15.92	10	1F	15.05	20	4	5	8	21	27	0.020	PHP 27-T5-10RSB
		17.51	11	1F	16.65	22	4	6	10	21	27	0.020	PHP 27-T5-11RSB
		19.10	12	1F	18.25	23	4	7	12	21	27	0.020	PHP 27-T5-12RSB
		20.69	13	1F	19.85	25	6	8	13	21	27	0.020	PHP 27-T5-13RSB
		22.29	14	1F	21.45	26	6	9	14	21	27	0.030	PHP 27-T5-14RSB
		23.88	15	1F	23.05	28	6	10	16	21	27	0.030	PHP 27-T5-15RSB
		25.47	16	1F	24.60	32	6	11	18	21	27	0.040	PHP 27-T5-16RSB
		27.06	17	1F	26.20	32	6	12	19	21	27	0.040	PHP 27-T5-17RSB
		28.65	18	1F	27.80	33	6	13	20	21	27	0.050	PHP 27-T5-18RSB
		30.25	19	1F	29.40	36	6	14	22	21	27	0.050	PHP 27-T5-19RSB

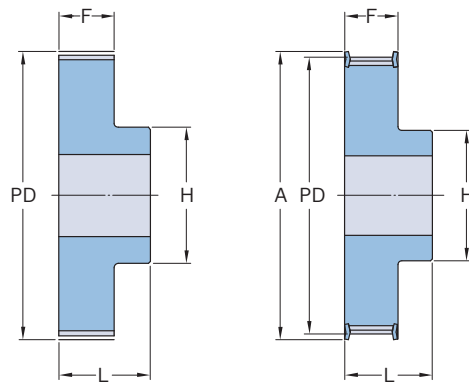
Metric timing pulleys

5 mm pitch type T pilot bore (RSB) | 10 mm pitch type T pilot bore (RSB)

Section	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Dimensions							Mass	Designation		
					Outer diameter OD	A	B Min.	Max.	H	F	L				
–	mm		–	–	mm							kg	–		
5	16	31.83	20	1F	31.00	36	6	15	24	21	27	0.050	PHP 27-T5-20RSB		
		33.42	21	1F	32.55	38	6	15	24	21	27	0.050	PHP 27-T5-21RSB		
		35.01	22	1F	34.15	38	6	15	24	21	27	0.050	PHP 27-T5-22RSB		
		36.61	23	1F	35.75	42	6	16	25	21	27	0.060	PHP 27-T5-23RSB		
		38.21	24	1F	37.40	42	6	17	26	21	27	0.080	PHP 27-T5-24RSB		
		39.80	25	1F	38.95	44	6	17	26	21	27	0.080	PHP 27-T5-25RSB		
		41.45	26	1F	40.60	44	6	17	26	21	27	0.090	PHP 27-T5-26RSB		
		42.98	27	1F	42.20	48	8	19	30	21	27	0.090	PHP 27-T5-27RSB		
		44.56	28	1F	43.75	48	8	20	32	21	27	0.090	PHP 27-T5-28RSB		
		47.76	30	1F	46.95	51	8	22	34	21	27	0.110	PHP 27-T5-30RSB		
		50.94	32	1F	50.10	54	8	24	38	21	27	0.120	PHP 27-T5-32RSB		
		55.70	35	1F	54.85	59	8	24	38	21	27	0.140	PHP 27-T5-35RSB		
		57.31	36	1F	56.45	63	8	24	38	21	27	0.160	PHP 27-T5-36RSB		
		60.48	38	1F	59.65	66	8	26	40	21	27	0.180	PHP 27-T5-38RSB		
		63.66	40	1F	62.85	66	8	26	40	21	27	0.190	PHP 27-T5-40RSB		
		66.84	42	1F	66.00	71	8	26	40	21	27	0.210	PHP 27-T5-42RSB		
		70.20	44	1	69.35	–	8	29	45	21	27	0.230	PHP 27-T5-44RSB		
		71.62	45	1	70.80	–	8	29	45	21	27	0.260	PHP 27-T5-45RSB		
		76.39	48	1	75.55	–	8	32	50	21	27	0.280	PHP 27-T5-48RSB		
		85.94	54	1	85.10	–	8	35	55	21	27	0.330	PHP 27-T5-54RSB		
		90.72	57	1	89.90	–	8	38	60	21	27	0.380	PHP 27-T5-57RSB		
		95.49	60	1	94.65	–	8	42	65	21	27	0.430	PHP 27-T5-60RSB		
		5	25	15.92	10	1F	15.05	20	4	5	8	30	36	0.020	PHP 36-T5-10RSB
				17.51	11	1F	16.65	22	4	6	10	30	36	0.030	PHP 36-T5-11RSB
				19.10	12	1F	18.25	23	4	7	12	30	36	0.030	PHP 36-T5-12RSB
				20.69	13	1F	19.85	25	6	8	13	30	36	0.030	PHP 36-T5-13RSB
				22.29	14	1F	21.45	26	6	9	14	30	36	0.040	PHP 36-T5-14RSB
				23.88	15	1F	23.05	28	6	10	16	30	36	0.040	PHP 36-T5-15RSB
				25.47	16	1F	24.60	32	6	11	18	30	36	0.050	PHP 36-T5-16RSB
				27.06	17	1F	26.20	32	6	12	19	30	36	0.060	PHP 36-T5-17RSB
				28.65	18	1F	27.80	32	6	13	20	30	36	0.060	PHP 36-T5-18RSB
				30.25	19	1F	29.40	36	6	14	22	30	36	0.070	PHP 36-T5-19RSB
31.83	20			1F	31.00	36	6	15	24	30	36	0.080	PHP 36-T5-20RSB		
33.42	21			1F	32.55	38	6	15	24	30	36	0.080	PHP 36-T5-21RSB		
35.01	22			1F	34.15	38	6	15	24	30	36	0.080	PHP 36-T5-22RSB		
36.61	23			1F	35.75	42	6	15	25	30	36	0.090	PHP 36-T5-23RSB		
38.21	24			1F	37.40	42	6	17	26	30	36	0.110	PHP 36-T5-24RSB		
39.80	25			1F	38.95	44	6	17	26	30	36	0.120	PHP 36-T5-25RSB		
41.45	26			1F	40.60	44	6	17	26	30	36	0.120	PHP 36-T5-26RSB		
42.98	27			1F	42.20	48	8	19	30	30	36	0.130	PHP 36-T5-27RSB		
44.56	28			1F	43.75	48	8	20	32	30	36	0.130	PHP 36-T5-28RSB		
47.76	30			1F	46.95	51	8	22	34	30	36	0.150	PHP 36-T5-30RSB		
50.94	32			1F	50.10	54	8	24	38	30	36	0.180	PHP 36-T5-32RSB		
55.70	35			1F	54.85	59	8	24	38	30	36	0.210	PHP 36-T5-35RSB		
57.31	36			1F	56.45	63	8	24	38	30	36	0.230	PHP 36-T5-36RSB		
60.48	38			1F	59.65	66	8	26	40	30	36	0.250	PHP 36-T5-38RSB		
63.66	40			1F	62.85	66	8	26	40	30	36	0.280	PHP 36-T5-40RSB		
66.84	42			1F	66.00	71	8	26	40	30	36	0.280	PHP 36-T5-42RSB		
70.20	44			1	69.35	–	8	29	45	30	36	0.320	PHP 36-T5-44RSB		
71.62	45			1	70.80	–	8	29	45	30	36	0.360	PHP 36-T5-45RSB		
76.39	48			1	75.55	–	8	32	50	30	36	0.400	PHP 36-T5-48RSB		
85.94	54			1	85.10	–	8	35	55	30	36	0.470	PHP 36-T5-54RSB		
90.72	57			1	89.90	–	8	38	60	30	36	0.540	PHP 36-T5-57RSB		
95.49	60			1	94.65	–	8	42	65	30	36	0.610	PHP 36-T5-60RSB		
10	16	38.20	12	1F	36.35	42	6	18	28	21	31	0.080	PHP 31-T10-12RSB		
		41.38	13	1F	39.55	44	6	19	32	21	31	0.090	PHP 31-T10-13RSB		
		44.56	14	1F	42.70	48	8	21	32	21	31	0.100	PHP 31-T10-14RSB		
		47.75	15	1F	45.90	51	8	21	32	21	31	0.120	PHP 31-T10-15RSB		
		50.93	16	1F	49.10	54	8	23	35	21	31	0.130	PHP 31-T10-16RSB		
		54.11	17	1F	52.25	58	8	24	38	21	31	0.150	PHP 31-T10-17RSB		
		57.29	18	1F	55.45	60	8	26	40	21	31	0.170	PHP 31-T10-18RSB		
		60.48	19	1F	58.65	66	8	28	44	21	31	0.180	PHP 31-T10-19RSB		
		63.66	20	1F	61.80	66	8	30	46	21	31	0.210	PHP 31-T10-20RSB		
		66.85	21	1F	65.00	71	8	36	48	21	31	0.230	PHP 31-T10-21RSB		
		70.03	22	1F	68.20	75	8	34	52	21	31	0.250	PHP 31-T10-22RSB		
		73.21	23	1F	71.35	77	8	36	55	21	31	0.270	PHP 31-T10-23RSB		
		76.39	24	1F	74.55	83	8	38	58	21	31	0.290	PHP 31-T10-24RSB		
		79.58	25	1F	77.75	83	8	39	60	21	31	0.310	PHP 31-T10-25RSB		
		82.76	26	1F	80.90	87	8	39	60	21	31	0.360	PHP 31-T10-26RSB		
		85.95	27	1F	84.10	91	8	39	60	21	31	0.360	PHP 31-T10-27RSB		
		89.25	28	1F	87.25	93	8	39	60	21	31	0.400	PHP 31-T10-28RSB		
		95.49	30	1F	93.65	99	8	39	60	21	31	0.440	PHP 31-T10-30RSB		
		101.86	32	1F	100.00	106	10	42	65	21	31	0.490	PHP 31-T10-32RSB		

Metric timing pulleys

10 mm pitch type T pilot bore (RSB)



Type 1

Type 1F

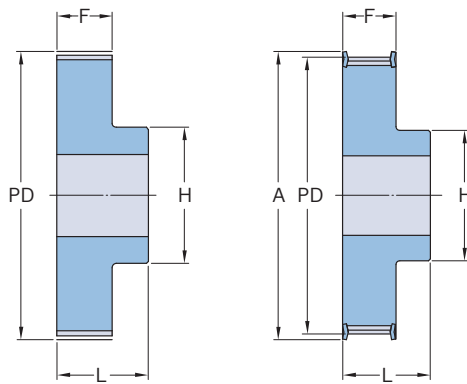
Section	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Dimensions Outer diameter OD	A	B Min.	Max.	H	F	L	Mass	Designation
–	mm	–	–	–	mm	–	–	–	–	–	–	kg	–
10	16	111.41	35	1F	109.55	115	10	45	70	21	31	0.560	PHP 31-T10-35RSB
		114.59	36	1F	112.75	119	10	45	70	21	31	0.620	PHP 31-T10-36RSB
		120.96	38	1F	119.10	125	10	48	75	21	31	0.690	PHP 31-T10-38RSB
		127.32	40	1F	125.45	131	10	52	80	21	31	0.770	PHP 31-T10-40RSB
		133.69	42	1	131.85	–	10	52	80	21	31	0.880	PHP 31-T10-42RSB
		140.06	44	1	138.20	–	10	57	88	21	31	0.990	PHP 31-T10-44RSB
		143.24	45	1	141.40	–	16	57	90	21	31	1.040	PHP 31-T10-45RSB
		152.78	48	1	150.95	–	16	62	95	21	31	1.090	PHP 31-T10-48RSB
		171.89	54	1	170.05	–	16	66	100	21	31	1.300	PHP 31-T10-54RSB
		181.44	57	1	179.60	–	16	66	110	21	31	1.500	PHP 31-T10-57RSB
		190.98	60	1	189.15	–	16	72	110	21	31	1.710	PHP 31-T10-60RSB
		38.20	12	1F	36.35	42	6	18	28	30	40	0.100	PHP 40-T10-12RSB
		41.38	13	1F	39.55	44	6	19	30	30	40	0.120	PHP 40-T10-13RSB
		44.56	14	1F	42.70	48	8	21	32	30	40	0.130	PHP 40-T10-14RSB
		47.75	15	1F	45.90	51	8	21	32	30	40	0.150	PHP 40-T10-15RSB
10	25	50.93	16	1F	49.10	54	8	23	35	30	40	0.180	PHP 40-T10-16RSB
		54.11	17	1F	52.25	58	8	24	37	30	40	0.200	PHP 40-T10-17RSB
		57.29	18	1F	55.45	60	8	26	40	30	40	0.220	PHP 40-T10-18RSB
		60.48	19	1F	58.65	66	8	28	44	30	40	0.250	PHP 40-T10-19RSB
		63.66	20	1F	61.80	66	8	30	46	30	40	0.280	PHP 40-T10-20RSB
		66.85	21	1F	65.00	71	8	32	49	30	40	0.300	PHP 40-T10-21RSB
		70.03	22	1F	68.20	75	8	34	52	30	40	0.340	PHP 40-T10-22RSB
		73.21	23	1F	71.35	77	8	36	55	30	40	0.360	PHP 40-T10-23RSB
		76.39	24	1F	74.55	83	8	38	58	30	40	0.390	PHP 40-T10-24RSB
		79.58	25	1F	77.75	83	8	39	60	30	40	0.420	PHP 40-T10-25RSB
		82.76	26	1F	80.90	87	8	39	60	30	40	0.480	PHP 40-T10-26RSB
		85.95	27	1F	84.10	91	8	39	60	30	40	0.540	PHP 40-T10-27RSB
		89.25	28	1F	87.25	93	8	39	60	30	40	0.540	PHP 40-T10-28RSB
		95.49	30	1F	93.65	99	8	39	60	30	40	0.640	PHP 40-T10-30RSB
		101.86	32	1F	100.00	106	10	42	65	30	40	0.690	PHP 40-T10-32RSB
		111.41	35	1F	109.55	115	10	45	70	30	40	0.780	PHP 40-T10-35RSB
		114.59	36	1F	112.75	119	10	45	70	30	40	0.870	PHP 40-T10-36RSB
		120.96	38	1F	119.10	125	10	48	75	30	40	0.970	PHP 40-T10-38RSB
		127.32	40	1F	125.45	131	10	52	80	30	40	1.070	PHP 40-T10-40RSB
		133.69	42	1	131.85	–	10	52	80	30	40	1.210	PHP 40-T10-42RSB
		140.06	44	1	138.20	–	10	57	88	30	40	1.350	PHP 40-T10-44RSB
		143.24	45	1	141.40	–	16	59	90	30	40	1.430	PHP 40-T10-45RSB
		152.78	48	1	150.95	–	16	62	95	30	40	1.520	PHP 40-T10-48RSB
		171.89	54	1	170.05	–	16	65	100	30	40	1.790	PHP 40-T10-54RSB
		181.44	57	1	179.60	–	16	72	110	30	40	2.060	PHP 40-T10-57RSB
		190.98	60	1	189.15	–	16	72	110	30	40	2.340	PHP 40-T10-60RSB
10	32	57.30	18	1F	55.45	60	10	26	40	37	47	0.250	PHP 47-T10-18RSB
		60.48	19	1F	58.65	66	10	28	44	37	47	0.290	PHP 47-T10-19RSB
		63.66	20	1F	61.80	66	12	30	46	37	47	0.320	PHP 47-T10-20RSB
		66.85	21	1F	65.00	71	12	32	49	37	47	0.360	PHP 47-T10-21RSB
		70.03	22	1F	68.20	75	12	34	52	37	47	0.390	PHP 47-T10-22RSB
		73.21	23	1F	71.35	77	12	36	55	37	47	0.430	PHP 47-T10-23RSB
		76.39	24	1F	74.55	83	12	38	58	37	47	0.480	PHP 47-T10-24RSB
		79.58	25	1F	77.75	83	12	39	60	37	47	0.530	PHP 47-T10-25RSB
		82.76	26	1F	80.90	87	12	39	60	37	47	0.560	PHP 47-T10-26RSB
		85.94	27	1F	84.10	91	12	39	60	37	47	0.600	PHP 47-T10-27RSB
		89.13	28	1F	87.25	93	12	39	60	37	47	0.640	PHP 47-T10-28RSB
		95.49	30	1F	93.65	99	12	39	60	37	47	0.740	PHP 47-T10-30RSB

Metric timing pulleys
10 mm pitch type T pilot bore (RSB)

Section	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Dimensions							Mass	Designation
					Outer diameter OD	A	B Min.	Max.	H	F	L		
–	mm		–	–	mm							kg	–
10	32	101.86	32	1F	100.00	106	12	42	65	37	47	0.840	PHP 47-T10-32RSB
		111.41	35	1F	109.55	115	16	45	70	37	47	0.960	PHP 47-T10-35RSB
		114.59	36	1F	112.75	119	16	45	70	37	47	1.080	PHP 47-T10-36RSB
		120.96	38	1F	119.10	125	16	48	75	37	47	1.200	PHP 47-T10-38RSB
		127.32	40	1F	125.45	131	16	52	80	37	47	1.320	PHP 47-T10-40RSB
		133.69	42	1	131.85	–	16	52	80	37	47	1.460	PHP 47-T10-42RSB
		140.06	44	1	138.20	–	16	57	88	37	47	1.610	PHP 47-T10-44RSB
		143.24	45	1	141.40	–	16	58	90	37	47	1.770	PHP 47-T10-45RSB
		152.79	48	1	150.95	–	16	62	95	37	47	1.930	PHP 47-T10-48RSB
		171.89	54	1	170.05	–	16	65	100	37	47	2.290	PHP 47-T10-54RSB
		181.44	57	1	179.60	–	16	72	110	37	47	2.650	PHP 47-T10-57RSB
		190.99	60	1	189.15	–	16	72	110	37	47	3.000	PHP 47-T10-60RSB
10	50	57.30	18	1F	55.45	60	10	26	40	56	66	0.420	PHP 66-T10-18RSB
		60.48	19	1F	58.65	66	10	28	44	56	66	0.470	PHP 66-T10-19RSB
		63.66	20	1F	61.80	66	12	30	46	56	66	0.520	PHP 66-T10-20RSB
		66.85	21	1F	65.00	71	12	32	49	56	66	0.550	PHP 66-T10-21RSB
		70.03	22	1F	68.20	75	12	34	52	56	66	0.570	PHP 66-T10-22RSB
		73.21	23	1F	71.35	77	12	36	55	56	66	0.650	PHP 66-T10-23RSB
		76.39	24	1F	74.55	83	12	38	58	56	66	0.740	PHP 66-T10-24RSB
		79.58	25	1F	77.75	83	12	39	60	56	66	0.770	PHP 66-T10-25RSB
		82.76	26	1F	80.90	87	12	39	60	56	66	0.820	PHP 66-T10-26RSB
		85.94	27	1F	84.10	91	12	39	60	56	66	0.950	PHP 66-T10-27RSB
		89.13	28	1F	87.25	93	12	39	60	56	66	0.960	PHP 66-T10-28RSB
		95.49	30	1F	93.65	99	12	39	60	56	66	1.170	PHP 66-T10-30RSB
		101.86	32	1F	100.00	106	12	42	65	56	66	1.300	PHP 66-T10-32RSB
		111.41	35	1F	109.55	115	16	45	70	56	66	1.470	PHP 66-T10-35RSB
		114.59	36	1F	112.75	119	16	45	70	56	66	1.640	PHP 66-T10-36RSB
		120.96	38	1F	119.10	125	16	48	75	56	66	1.820	PHP 66-T10-38RSB
		127.32	40	1F	125.45	131	16	52	80	56	66	2.000	PHP 66-T10-40RSB
		133.69	42	1	131.85	–	16	57	80	56	66	2.180	PHP 66-T10-42RSB
		140.06	44	1	138.20	–	16	52	88	56	66	2.360	PHP 66-T10-44RSB
		143.24	45	1	141.40	–	16	58	90	56	66	2.590	PHP 66-T10-45RSB
		152.79	48	1	150.95	–	16	62	95	56	66	2.830	PHP 66-T10-48RSB
		171.89	54	1	170.05	–	16	65	100	56	66	3.340	PHP 66-T10-54RSB
		181.44	57	1	179.60	–	16	72	110	56	66	3.850	PHP 66-T10-57RSB
		190.99	60	1	189.15	–	16	72	110	56	66	4.370	PHP 66-T10-60RSB

Metric timing pulleys

5 mm pitch type AT pilot bore (RSB)



Type 1

Type 1F

Section	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Dimensions Outer diameter OD	A	B Min.	Max.	H	F	L	Mass	Designation
–	mm	–	–	–	mm	–	–	–	–	–	–	kg	–
5	10	15.92	10	1F	14.65	20	4	5	8	15	21	0.01	PHP 21-AT5-10RSB
		19.10	12	1F	17.85	23	4	7	12	15	21	0.02	PHP 21-AT5-12RSB
		20.69	13	1F	19.45	25	6	8	13	15	21	0.02	PHP 21-AT5-13RSB
		22.29	14	1F	21.05	26	6	9	14	15	21	0.02	PHP 21-AT5-14RSB
		23.88	15	1F	22.65	28	6	10	16	15	21	0.02	PHP 21-AT5-15RSB
		25.47	16	1F	24.20	32	6	11	18	15	21	0.03	PHP 21-AT5-16RSB
		27.06	17	1F	25.80	32	6	12	19	15	21	0.03	PHP 21-AT5-17RSB
		28.65	18	1F	27.40	32	6	13	20	15	21	0.03	PHP 21-AT5-18RSB
		30.25	19	1F	29.00	36	6	14	22	15	21	0.04	PHP 21-AT5-19RSB
		31.83	20	1F	30.60	36	6	15	23	15	21	0.04	PHP 21-AT5-20RSB
		33.42	21	1F	32.20	38	6	15	24	15	21	0.04	PHP 21-AT5-21RSB
		35.02	22	1F	33.85	38	6	15	24	15	21	0.05	PHP 21-AT5-22RSB
		36.61	23	1F	35.40	42	6	17	25	15	21	0.05	PHP 21-AT5-23RSB
		38.21	24	1F	37.00	44	6	17	26	15	21	0.05	PHP 21-AT5-24RSB
		39.80	25	1F	38.60	44	6	17	26	15	21	0.06	PHP 21-AT5-25RSB
		41.38	26	1F	40.20	44	6	17	26	15	21	0.06	PHP 21-AT5-26RSB
		42.98	27	1F	41.80	48	8	19	30	15	21	0.06	PHP 21-AT5-27RSB
		44.56	28	1F	43.35	48	8	20	32	15	21	0.07	PHP 21-AT5-28RSB
		47.76	30	1F	46.55	51	8	22	34	15	21	0.08	PHP 21-AT5-30RSB
		50.94	32	1F	49.70	54	8	24	38	15	21	0.09	PHP 21-AT5-32RSB
		57.31	36	1F	56.05	63	8	24	38	15	21	0.11	PHP 21-AT5-36RSB
		60.48	38	1F	59.25	66	8	26	40	15	21	0.13	PHP 21-AT5-38RSB
		63.66	40	1F	62.45	66	8	26	40	15	21	0.14	PHP 21-AT5-40RSB
		66.74	42	1F	65.60	71	8	26	40	15	21	0.18	PHP 21-AT5-42RSB
		70.05	44	1	68.80	–	8	29	45	15	21	0.19	PHP 21-AT5-44RSB
		71.62	45	1	70.35	–	8	29	45	15	21	0.19	PHP 21-AT5-45RSB
		76.42	48	1	75.15	–	8	32	50	15	21	0.20	PHP 21-AT5-48RSB
		95.52	60	1	94.25	–	8	37	65	15	21	0.31	PHP 21-AT5-60RSB
		114.62	72	1	113.15	–	10	42	80	15	21	0.41	PHP 21-AT5-72RSB
5	16	15.92	10	1F	14.65	20	4	5	8	21	27	0.02	PHP 27-AT5-10RSB
		19.10	12	1F	17.85	23	4	7	12	21	27	0.02	PHP 27-AT5-12RSB
		20.69	13	1F	19.45	25	6	8	13	21	27	0.02	PHP 27-AT5-13RSB
		22.29	14	1F	21.05	26	6	9	14	21	27	0.03	PHP 27-AT5-14RSB
		23.88	15	1F	22.65	28	6	10	16	21	27	0.03	PHP 27-AT5-15RSB
		25.47	16	1F	24.20	32	6	11	18	21	27	0.04	PHP 27-AT5-16RSB
		27.06	17	1F	25.80	32	6	12	19	21	27	0.04	PHP 27-AT5-17RSB
		28.65	18	1F	27.40	32	6	13	20	21	27	0.04	PHP 27-AT5-18RSB
		30.25	19	1F	29.00	36	6	14	22	21	27	0.05	PHP 27-AT5-19RSB
		31.83	20	1F	30.60	36	6	15	23	21	27	0.05	PHP 27-AT5-20RSB
		33.42	21	1F	32.20	38	6	15	24	21	27	0.05	PHP 27-AT5-21RSB
		35.02	22	1F	33.85	38	6	15	24	21	27	0.05	PHP 27-AT5-22RSB
		36.61	23	1F	35.40	42	6	17	25	21	27	0.07	PHP 27-AT5-23RSB
		38.21	24	1F	37.00	44	6	17	26	21	27	0.08	PHP 27-AT5-24RSB
		39.80	25	1F	38.60	44	6	17	26	21	27	0.08	PHP 27-AT5-25RSB
		41.38	26	1F	40.20	44	6	17	26	21	27	0.09	PHP 27-AT5-26RSB
		42.98	27	1F	41.80	48	8	19	30	21	27	0.09	PHP 27-AT5-27RSB
		44.56	28	1F	43.35	48	8	20	32	21	27	0.09	PHP 27-AT5-28RSB
		47.76	30	1F	46.55	51	8	22	34	21	27	0.11	PHP 27-AT5-30RSB
		50.94	32	1F	49.70	54	8	24	38	21	27	0.12	PHP 27-AT5-32RSB
		57.31	36	1F	56.05	63	8	24	38	21	27	0.16	PHP 27-AT5-36RSB
		60.48	38	1F	59.25	66	8	26	40	21	27	0.18	PHP 27-AT5-38RSB
		63.66	40	1F	62.45	66	8	26	40	21	27	0.19	PHP 27-AT5-40RSB
		66.74	42	1F	65.60	71	8	26	40	21	27	0.21	PHP 27-AT5-42RSB
		70.05	44	1	68.80	–	8	29	45	21	27	0.23	PHP 27-AT5-44RSB

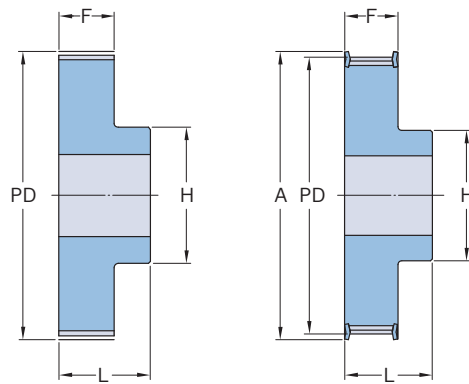
Metric timing pulleys

5 mm pitch type AT pilot bore (RSB) | 10 mm pitch type AT pilot bore (RSB)

Section	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Dimensions							Mass	Designation		
					Outer diameter OD	A	B Min.	Max.	H	F	L				
–	mm		–	–	mm							kg	–		
5	16	71.62	45	1	70.35	–	8	29	45	21	27	0.26	PHP 27-AT5-45RSB		
		76.42	48	1	75.15	–	8	32	50	21	27	0.28	PHP 27-AT5-48RSB		
		95.52	60	1	94.25	–	8	37	65	21	27	0.43	PHP 27-AT5-60RSB		
		114.62	72	1	113.15	–	10	42	80	21	27	0.41	PHP 27-AT5-72RSB		
5	25	15.92	10	1F	14.65	20	4	5	8	30	36	0.02	PHP 36-AT5-10RSB		
		19.10	12	1F	17.85	23	6	7	12	30	36	0.03	PHP 36-AT5-12RSB		
		20.69	13	1F	19.45	25	6	8	13	30	36	0.03	PHP 36-AT5-13RSB		
		22.29	14	1F	21.05	26	6	9	14	30	36	0.04	PHP 36-AT5-14RSB		
		23.88	15	1F	22.65	28	6	10	16	30	36	0.04	PHP 36-AT5-15RSB		
		25.47	16	1F	24.20	32	6	11	18	30	36	0.05	PHP 36-AT5-16RSB		
		27.06	17	1F	25.80	32	6	12	19	30	36	0.06	PHP 36-AT5-17RSB		
		28.65	18	1F	27.40	32	6	13	20	30	36	0.06	PHP 36-AT5-18RSB		
		30.25	19	1F	29.00	36	6	14	22	30	36	0.07	PHP 36-AT5-19RSB		
		31.83	20	1F	30.60	36	6	15	23	30	36	0.08	PHP 36-AT5-20RSB		
		33.42	21	1F	32.20	38	6	15	24	30	36	0.08	PHP 36-AT5-21RSB		
		35.02	22	1F	33.85	38	6	15	24	30	36	0.08	PHP 36-AT5-22RSB		
		36.61	23	1F	35.40	42	6	16	25	30	36	0.09	PHP 36-AT5-23RSB		
		38.21	24	1F	37.00	44	8	17	26	30	36	0.11	PHP 36-AT5-24RSB		
		39.80	25	1F	38.60	44	8	17	26	30	36	0.12	PHP 36-AT5-25RSB		
		41.38	26	1F	40.20	44	8	17	26	30	36	0.12	PHP 36-AT5-26RSB		
		42.98	27	1F	41.80	48	8	19	30	30	36	0.13	PHP 36-AT5-27RSB		
		44.56	28	1F	43.35	48	8	20	32	30	36	0.13	PHP 36-AT5-28RSB		
		47.76	30	1F	46.55	51	8	22	34	30	36	0.15	PHP 36-AT5-30RSB		
		50.94	32	1F	49.70	54	8	24	38	30	36	0.18	PHP 36-AT5-32RSB		
		57.31	36	1F	56.05	63	8	24	38	30	36	0.23	PHP 36-AT5-36RSB		
		60.48	38	1F	59.25	66	8	26	40	30	36	0.25	PHP 36-AT5-38RSB		
		63.66	40	1F	62.45	66	8	26	40	30	36	0.28	PHP 36-AT5-40RSB		
		66.74	42	1F	65.60	71	8	26	40	30	36	0.28	PHP 36-AT5-42RSB		
		70.05	44	1	68.80	–	8	29	45	30	36	0.32	PHP 36-AT5-44RSB		
		71.62	45	1	70.35	–	8	30	45	30	36	0.36	PHP 36-AT5-45RSB		
		76.42	48	1	75.15	–	8	32	50	30	36	0.40	PHP 36-AT5-48RSB		
		95.52	60	1	94.25	–	8	37	65	30	36	0.61	PHP 36-AT5-60RSB		
		114.62	72	1	113.15	–	10	42	80	30	36	0.83	PHP 36-AT5-72RSB		
		10	16	38.20	12	1F	36.35	42	6	18	28	21	31	0.08	PHP 31-AT10-12RSB
				44.60	14	1F	42.70	48	8	21	32	21	31	0.10	PHP 31-AT10-14RSB
				47.75	15	1F	45.90	51	8	21	32	21	31	0.12	PHP 31-AT10-15RSB
				50.93	16	1F	49.05	54	8	23	35	21	31	0.13	PHP 31-AT10-16RSB
				54.11	17	1F	52.25	58	8	24	38	21	31	0.15	PHP 31-AT10-17RSB
				57.29	18	1F	55.45	60	8	26	40	21	31	0.17	PHP 31-AT10-18RSB
60.48	19			1F	58.65	66	8	28	44	21	31	0.19	PHP 31-AT10-19RSB		
63.66	20			1F	61.80	66	8	30	46	21	31	0.21	PHP 31-AT10-20RSB		
66.85	21			1F	65.00	71	8	32	48	21	31	0.23	PHP 31-AT10-21RSB		
70.03	22			1F	68.15	75	8	34	52	21	31	0.25	PHP 31-AT10-22RSB		
73.21	23			1F	71.35	77	8	36	55	21	31	0.27	PHP 31-AT10-23RSB		
76.39	24			1F	74.55	83	8	38	58	21	31	0.29	PHP 31-AT10-24RSB		
79.58	25			1F	77.75	83	8	39	60	21	31	0.31	PHP 31-AT10-25RSB		
82.76	26			1F	80.90	87	8	39	60	21	31	0.36	PHP 31-AT10-26RSB		
85.95	27			1F	84.10	91	8	39	60	21	31	0.36	PHP 31-AT10-27RSB		
89.25	28			1F	87.25	93	8	39	60	21	31	0.40	PHP 31-AT10-28RSB		
95.49	30			1F	93.65	99	8	39	60	21	31	0.44	PHP 31-AT10-30RSB		
101.86	32			1F	100.00	106	10	42	65	21	31	0.49	PHP 31-AT10-32RSB		
114.59	36			1F	112.75	119	10	45	70	21	31	0.63	PHP 31-AT10-36RSB		
120.96	38			1F	119.10	125	10	48	75	21	31	0.70	PHP 31-AT10-38RSB		
127.32	40			1F	125.45	131	10	52	80	21	31	0.77	PHP 31-AT10-40RSB		
133.69	42			1	131.85	–	10	57	80	21	31	0.88	PHP 31-AT10-42RSB		
140.05	44			1	138.20	–	10	57	88	21	31	0.99	PHP 31-AT10-44RSB		
143.24	45			1	141.40	–	16	59	90	21	31	1.01	PHP 31-AT10-45RSB		
152.78	48			1	150.95	–	16	62	95	21	31	1.09	PHP 31-AT10-48RSB		
190.98	60			1	189.15	–	16	72	110	21	31	1.71	PHP 31-AT10-60RSB		
10	25			38.20	12	1F	36.40	42	6	18	28	30	40	0.10	PHP 40-AT10-12RSB
				44.60	14	1F	42.70	48	8	21	32	30	40	0.13	PHP 40-AT10-14RSB
		47.80	15	1F	45.90	51	8	21	32	30	40	0.15	PHP 40-AT10-15RSB		
		50.90	16	1F	49.10	54	8	23	35	30	40	0.18	PHP 40-AT10-16RSB		
		54.10	17	1F	52.20	58	8	24	37	30	40	0.20	PHP 40-AT10-17RSB		
		57.30	18	1F	55.50	60	8	26	40	30	40	0.22	PHP 40-AT10-18RSB		
		60.50	19	1F	58.60	66	8	28	44	30	40	0.25	PHP 40-AT10-19RSB		
		63.70	20	1F	61.80	66	8	30	46	30	40	0.28	PHP 40-AT10-20RSB		
		66.80	21	1F	65.00	71	8	32	49	30	40	0.31	PHP 40-AT10-21RSB		
		70.00	22	1F	68.20	75	8	34	52	30	40	0.34	PHP 40-AT10-22RSB		
		73.20	23	1F	71.30	77	8	36	55	30	40	0.36	PHP 40-AT10-23RSB		
		76.40	24	1F	74.50	83	8	38	58	30	40	0.39	PHP 40-AT10-24RSB		
		79.60	25	1F	77.80	83	8	39	60	30	40	0.42	PHP 40-AT10-25RSB		
		82.80	26	1F	80.90	87	8	39	60	30	40	0.48	PHP 40-AT10-26RSB		

Metric timing pulleys

10 mm pitch type AT pilot bore (RSB)



Type 1

Type 1F

Section	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Dimensions							Mass	Designation
					Outer diameter OD	A	B Min.	Max.	H	F	L		
–	mm	–	–	–	mm							kg	–
10	25	86.00	27	1F	84.10	91	8	39	60	30	40	0.54	PHP 40-AT10-27RSB
		89.20	28	1F	87.20	93	8	39	60	30	40	0.54	PHP 40-AT10-28RSB
		95.50	30	1F	93.70	99	8	39	60	30	40	0.64	PHP 40-AT10-30RSB
		101.90	32	1F	100.00	106	10	42	65	30	40	0.69	PHP 40-AT10-32RSB
		114.60	36	1F	112.80	119	10	45	70	30	40	0.87	PHP 40-AT10-36RSB
		121.00	38	1F	119.10	125	10	48	75	30	40	0.97	PHP 40-AT10-38RSB
		127.30	40	1F	125.50	131	10	52	80	30	40	1.07	PHP 40-AT10-40RSB
		133.70	42	1	131.80	–	10	57	80	30	40	1.21	PHP 40-AT10-42RSB
		140.10	44	1	138.20	–	10	57	88	30	40	1.35	PHP 40-AT10-44RSB
		143.20	45	1	141.40	–	16	59	90	30	40	1.43	PHP 40-AT10-45RSB
		152.80	48	1	150.90	–	16	62	95	30	40	1.52	PHP 40-AT10-48RSB
		191.00	60	1	189.20	–	16	72	110	30	40	2.34	PHP 40-AT10-60RSB
10	32	57.29	18	1F	55.45	60	8	26	40	37	47	0.25	PHP 47-AT10-18RSB
		60.48	19	1F	58.65	66	8	28	44	37	47	0.29	PHP 47-AT10-19RSB
		63.66	20	1F	61.80	66	8	30	46	37	47	0.32	PHP 47-AT10-20RSB
		66.85	21	1F	65.00	71	8	32	49	37	47	0.36	PHP 47-AT10-21RSB
		70.03	22	1F	68.15	75	8	34	52	37	47	0.39	PHP 47-AT10-22RSB
		73.21	23	1F	71.35	77	8	36	55	37	47	0.43	PHP 47-AT10-23RSB
		76.39	24	1F	74.55	83	8	38	58	37	47	0.48	PHP 47-AT10-24RSB
		79.58	25	1F	77.75	83	8	39	60	37	47	0.53	PHP 47-AT10-25RSB
		82.76	26	1F	80.90	87	8	39	60	37	47	0.56	PHP 47-AT10-26RSB
		85.95	27	1F	84.10	91	8	39	60	37	47	0.60	PHP 47-AT10-27RSB
		89.25	28	1F	87.25	93	8	39	60	37	47	0.64	PHP 47-AT10-28RSB
		95.49	30	1F	93.65	99	8	39	60	37	47	0.74	PHP 47-AT10-30RSB
		101.86	32	1F	100.00	106	10	42	65	37	47	0.84	PHP 47-AT10-32RSB
		111.41	35	1F	109.55	115	10	45	70	37	47	0.96	PHP 47-AT10-35RSB
		114.59	36	1F	112.75	119	10	45	70	37	47	1.08	PHP 47-AT10-36RSB
		120.96	38	1F	119.10	125	10	48	75	37	47	1.20	PHP 47-AT10-38RSB
		127.32	40	1F	125.45	131	10	52	80	37	47	1.32	PHP 47-AT10-40RSB
		133.69	42	1	131.85	–	10	57	80	37	47	1.46	PHP 47-AT10-42RSB
		140.20	44	1	138.20	–	10	57	88	37	47	1.61	PHP 47-AT10-44RSB
		143.24	45	1	141.40	–	10	59	90	37	47	1.77	PHP 47-AT10-45RSB
		152.78	48	1	150.95	–	16	62	95	37	47	1.93	PHP 47-AT10-48RSB
		171.89	54	1	170.05	–	16	66	100	37	47	2.29	PHP 47-AT10-54RSB
		181.44	57	1	179.60	–	16	72	110	37	47	2.64	PHP 47-AT10-57RSB
		190.98	60	1	189.15	–	16	72	110	37	47	3.00	PHP 47-AT10-60RSB
10	50	57.29	18	1F	55.45	60	10	26	40	56	66	0.42	PHP 66-AT10-18RSB
		60.48	19	1F	58.65	66	10	28	44	56	66	0.47	PHP 66-AT10-19RSB
		63.66	20	1F	61.80	66	12	30	46	56	66	0.52	PHP 66-AT10-20RSB
		66.85	21	1F	65.00	71	12	32	49	56	66	0.55	PHP 66-AT10-21RSB
		70.20	22	1F	68.15	75	12	34	52	56	66	0.57	PHP 66-AT10-22RSB
		73.21	23	1F	71.35	77	12	36	55	56	66	0.65	PHP 66-AT10-23RSB
		76.39	24	1F	74.55	83	12	38	58	56	66	0.74	PHP 66-AT10-24RSB
		79.58	25	1F	77.75	83	12	39	60	56	66	0.77	PHP 66-AT10-25RSB
		82.76	26	1F	80.90	87	12	39	60	56	66	0.82	PHP 66-AT10-26RSB
		85.95	27	1F	84.10	90	12	39	60	56	66	0.95	PHP 66-AT10-27RSB
		89.25	28	1F	87.25	93	12	39	60	56	66	0.96	PHP 66-AT10-28RSB
		95.49	30	1F	93.65	99	12	39	60	56	66	1.17	PHP 66-AT10-30RSB
		101.86	32	1F	100.00	106	12	42	65	56	66	1.30	PHP 66-AT10-32RSB
		111.41	35	1F	109.55	115	16	45	70	56	66	1.47	PHP 66-AT10-35RSB
		114.59	36	1F	112.75	119	16	45	70	56	66	1.64	PHP 66-AT10-36RSB
		120.96	38	1F	119.10	125	16	48	75	56	66	1.82	PHP 66-AT10-38RSB
		127.32	40	1F	125.45	131	16	52	80	56	66	2.00	PHP 66-AT10-40RSB

Metric timing pulleys
10 mm pitch type AT pilot bore (RSB)

Section	Belt width	Pitch diameter PCD	Number of teeth	Pulley type	Dimensions							Mass	Designation
					Outer diameter OD	A	B Min.	Max.	H	F	L		
–	mm		–	–	mm							kg	–
10	50	133.69	42	1	131.85	–	16	57	80	56	66	2.18	PHP 66-AT10-42RSB
		140.20	44	1	138.20	–	16	57	88	56	66	2.36	PHP 66-AT10-44RSB
		143.24	45	1	141.40	–	16	59	90	56	66	2.59	PHP 66-AT10-45RSB
		152.78	48	1	150.95	–	16	62	95	56	66	2.83	PHP 66-AT10-48RSB
		171.89	54	1	170.05	–	16	66	100	56	66	3.34	PHP 66-AT10-54RSB
		181.44	57	1	179.60	–	16	72	110	56	66	3.85	PHP 66-AT10-57RSB
		190.98	60	1	189.15	–	16	72	110	56	66	4.37	PHP 66-AT10-60RSB



Related tools



Coupling grease. 360



Belt frequency meter 361



Belt alignment tools 362



Shaft alignment tools. 364



Machinery shims. 366



Stroboscopes. 367

Coupling grease LMCG 1

Grease lubrication for gear and grid couplings

For longevity, the greases used in gear or grid couplings must have characteristics different from general purpose greases, due to the fact that the couplings are rotating. At higher speeds in particular, the centrifugal forces induced by these higher speeds may cause the grease components to separate, resulting in breakdown and subsequent inability to adequately protect metal – metal contact faces.

Typical specifications:

- High resistance to centrifugal forces and separation.
- Maintaining good lubricating properties
- Both stain and corrosion free
- Minimum base oil viscosity 600 mm²/sec at 400 °C



Technical specification

Characteristics	Test method	Value
Designation		LMCG 1/(pack size)
DIN 51825 code		AGMA CG- 2
NLGI consistency class		1
Thickener		Polyethylene
Colour		Brown
Base oil type		Mineral
Operating temperature range		0 to 120 °C (32 to 248 °F)
Dropping point (min), ISO 2176		160 °C (320 °F)
Base oil viscosity, DIN 51562	40 °C, mm ² /s	761
	100 °C, mm ² /s	44
Penetration DIN ISO 2137	Worked, 60 strokes, 10 ⁻¹ mm	310–340
	Prolonged (max.), 100 000 strokes, 10 ⁻¹ mm	+50 max.
	Prolonged (max.), 10 000 strokes, 10 ⁻¹ mm	+25 max.
Corrosion protection, Emcor	ISO 11007, Distilled water	0–0
Water resistance (max.)	Water wash-out test, ISO 11009	<10% at 38°C
Copper corrosion (max.)	DIN 51811 / ASTM D4048, 24 hrs at 100 °C	1b max.
EP performance	4 ball - Wear scar (max.) DIN 51 350, 1 400 N, mm	ASTM D2266 - 0.5 mm
	4 ball - Weld load (min.) DIN 51350/4, N	ASTM D2539 - 315 kgf
	Koppers Method ASTM D4425, K36, 24h	<24%
	Flow pressure, DIN 51805-2	<1 400 mbar at -10°C
Other data	Shelf life	5 years
	Density (DIN 51757) at 20 °C (68 °F)	0,94
Pack sizes	420 ml cartridge	
	2 kg can	
	18 kg pail	
	50 kg pail (on request)	

Coupling speed range

Coupling size (Gear)	Speed range with NLGI 1 grease ¹⁾	
	Minimum	Allowed
–	r/min	
10GC	1 030	7 000
15GC	700	6 000
20GC	550	5 000
25GC	460	4 750
30GC	380	4 400
35GC	330	3 900
40GC	290	3 600
45GC	250	3 200
50GC	230	2 900
55GC	210	2 650
60GC	190	2 450
70GC	160	2 150
80GC	140	1 750
90GC	120	1 550
100GC	110	1 450
1100GC	100	1 330
1120GC	94	1 200
1130GC	88	1 075
1140GC	82	920
1150GC	76	770
1160GC	72	650
1180GC	64	480
1200GC	58	370
1220GC	52	290
1240GC	48	270
1260GC	44	250
1280GC	40	230
1300GC	38	220

¹⁾ Coupling speed range with NLGI 0 greases is from zero to maximums shown.
For northern climate applications. For continuous operation at constant ambient temperatures less than 0 °F or –18 °C (e.g. refrigeration systems), consult SKF.

Belt frequency meter PHL FM10/400

Quick and easy detection of belt vibration and tension

The Belt frequency meter is a two component system consisting of a hand-held meter attached to an optical sensor via an electronic cable. The sensor uses an infrared beam to detect the vibration of a belt strand and sends a signal to the meter (the sensor includes a LED that produces an orange light beam to help aim the invisible infrared ray.)

Comparing this input to the vibration of a quartz crystal, the meter computes the natural frequency of the belt. The result is shown in the display window as hertz (oscillations per second). The internal programming of the meter is also able to report the belt tension in units of force (either newton or pounds-force) provided the operator has entered the belt mass and span length using the manually operated key pad.

- Easy to use; no training required
- Detection of vibration/frequency and tension of a belt through an optical sensor (infrared)
- Orange LED generated beam supports aiming of the sensor
- Measurement system based upon very stable quartz crystal
- Capable frequencies range: 10 Hz to 400 Hz
- Precision mechanical resonator (tuning fork) included to check calibration at a spot frequency
- Visible and audible communication with the operator
- Lightweight, handheld device
- Both stain and corrosion free
- Minimum base oil viscosity 600 mm²/sec at 400 °C



Belt alignment tools TKBA series

Accurate alignment of pulleys and sprockets

SKF offers a range of three different belt alignment tools to enable accurate alignment for almost all applications. The tools are designed to be easy to use without any special training. The laser position indicates the nature of misalignment allowing easy and accurate adjustment.

The TKBA Belt alignment tools accurately align pulleys and sprockets and correct for various types of misalignment. Each tool has two components; a laser-emitting unit and three passive targets. Each is attached quickly and easily – using a powerful magnet – to the inside or outside face of a belt pulley or chain sprocket. The laser line is projected from the emitting unit to the receiver unit or the passive targets to correct for vertical angle, horizontal angle and parallel misalignment – including combinations of all three. The sturdy housings, made from ABS and 2K polymers and an aluminium base help ensure assembly stability and accuracy during alignment.



TKBA 11

Superior alignment tool for pulley and chain drive alignment

- One laser emitter with three passive targets
- Uses a red laser diode allowing for distances up to 3 m (10 ft).
- Fast, easy attachment
- Simplified alignment process
- Simultaneous adjustment of tension and alignment
- Applicable to most machines using V belts, banded belts, ribbed belts – as well as chain sprockets



TKBA 21

Versatile tool for pulley and chain drive alignment

- Two laser transmitter/receiver units
- Uses red laser diodes allowing for distances up to 3 m (10 ft).
- Fast, easy attachment – using powerful magnets
- Simplified alignment process
- Simultaneous adjustment of tension and alignment
- Applicable to most machines using V belts, banded belts, ribbed belts – as well as chain sprockets



TKBA 31

Advanced tool for pulley and chain drive alignment

- Two laser transmitter/receiver units
- Each unit uses a green laser diode and can be used for distances up to 6 m (20 ft) – including outdoors in sunny conditions
- Three passive targets
- Three belt tension checkers and wear check gauge included
- Fast, easy attachment – using powerful magnets
- Simplified alignment process
- Simultaneous adjustment of tension and alignment
- Applicable to most machines using V belts, banded belts, ribbed belts – as well as chain sprockets



TKBA 11



Red laser line project from the transmitter to the passive tagets



TKBA 21

Red laser line project from the transmitter to the receiver



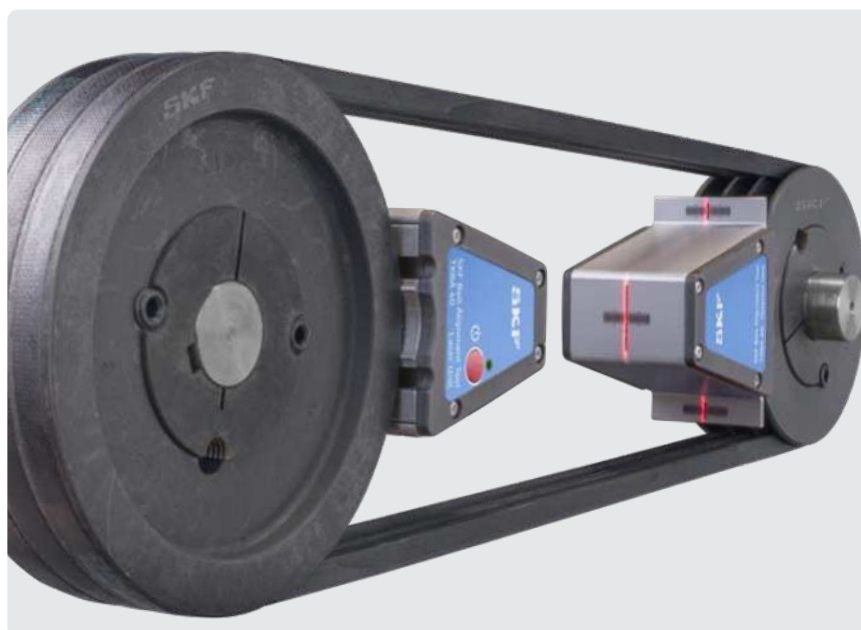
TKBA 31

Green laser line project from the transmitter to the receiver.
Alternatively, passive targets can also be used.

Belt alignment tol TKBA 40

High-accuracy tool for V-belt pulley alignment

- Fast, easy attachment – using powerful magnets
- Simplified alignment process
- Ability to align a wide range of V-belt pulleys, as four sizes of V-guide are supplied
- Simultaneous adjustment of tension and alignment
- Aligns grooves – rather than faces – of V-belt pulley, for optimum alignment of pulleys of dissimilar widths or faces.
- Optional extra: a special side adaptor allows alignment of multi-ribbed and timing belt pulleys, as well as sprockets
- Maximum operating distance of 6 m (20 ft) accommodates many applications
- Relies on red laser diode, and supplied in sturdy carrying case
- Runs on 2 × AAA batteries for 20 hours' continuous operation.



The laser unit emits a laser line that is projected onto the receiver unit. A three-dimensional target area on the receiver unit allows easy detection of the type of misalignment and how to correct it. Belt alignment is achieved when the laser line coincides with the three reference lines on the receiver unit.

Shaft alignment tools TKSA series



TKSA 11

New technology makes shaft alignment easier and more affordable

The SKF TKSA 11 is an innovative shaft alignment tool that uses smartphones and tablets and intuitively guides the user through the shaft alignment process. With a focus on the core alignment tasks, the TKSA 11 is designed to be a very easy-to-use instrument that is especially suitable for alignment learners and compact applications. The SKF TKSA 11 uses inductive proximity sensors, enabling accurate and reliable shaft alignment to be affordable for every budget.

TKSA 31

The intuitive and affordable laser shaft alignment system

The ergonomic display unit with touch screen makes the instrument very easy to use and the built-in machine library helps storing alignment reports for multiple machines. Large sized laser detectors in the measuring heads reduce the need for pre-alignments and the embedded soft foot tool helps establish the foundation for a successful alignment. Additional functions such as live view and automatic measurement support fast and effective alignment tasks.

TKSA 41

The advanced laser shaft alignment system with enhanced measuring and reporting capabilities

The TKSA 41 is a laser alignment solution for achieving accurate shaft alignments. With two wireless measurement units, large sized detectors and powerful lasers, the instrument performs precise measurements in even the most challenging conditions. The ergonomic display unit with intuitive touch screen navigation makes your alignments fast and easy, whilst innovative features, like the “free measurement”, increase the alignment performance.

TKSA 51

Comprehensive and intuitive shaft alignment utilising tablets and smart phones

The TKSA 51 shaft alignment tool provides high measurement flexibility and performance suitable for entry-level to expert alignment jobs. Designed to work with the SKF shaft alignment apps on a tablet or smart phone, this intuitive tool is easy to use and requires no special training. The included accessories enable use of the TKSA 51 for a wide range of alignment applications with horizontal and vertical shafts, such as motors, drives, fans, pumps, gearboxes and more.

TKSA 71

Versatility and performance for professional alignment

Superior alignment performance and long-term industrial durability are achieved with an innovative instrument design that offers high measurement accuracy and excellent protection against dust and water in harsh environments. Designed for professional alignment in harsh industrial environments. The instrument is very versatile with ultra-compact measuring units for use in extremely narrow spaces. Its dedicated software applications enable different types of alignments, including horizontal and vertical shafts, spacer shafts and machine trains.

Alignment apps

Designed for use without prior training

The TKSA 51 and 71 function quickly and intuitively using software apps tailored for different alignment jobs. These simple-to-use apps are available free of charge for both Android and iOS platforms. Common features include comprehensive, automatic reports, export and sharing options, machine library with QR code identification, instructional videos within the app, built-in tolerance guidelines, 3-D live view, disturbance compensation and a fully functional demonstration mode.

Selection chart

Shaft alignment tool	TKSA 11	TKSA 31	TKSA 41	TKSA 51	TKSA 71	TKSA 71/PRO
User interface Type of display device	phone, tablet (iOS & Android)	touch screen display device	touch screen display device	phone, tablet (iOS & Android)	phone, tablet (iOS & Android)	phone, tablet (iOS & Android)
Display device included	no	yes	yes	no	no	no
Measurement positions The "9-12-3" measurement directs the user to three pre-defined measurement positions. The "free" measurement allows the user to freely select the measurement positions. All measurements are guided.	9-12-3	9-12-3	free	free	free	free
Wireless measuring heads	●	—	●	●	●	●
Measurment distance Maximum possible distance between the brackets of the measuring heads.	18.5 cm	2 m ¹⁾	4 m	5 m	10 m	10 m
Minimal shaft rotation Describes the minimal required total shaft rotation angle to perform alignment measurements.	180°	140°	90°	40°	40°	40°
Camera Machine picture(s) can be taken and added to alignment reports.	●	—	●	●	●	●
Machine library Overview of all registered machines and previous alignment reports.	—	●	●	●	●	●
QR code recognition QR labels can be used to simplify the machine identification and increase the usage convenience.	—	—	●	●	●	●
Machine view The machine view describes how the machine is shown on the display. The free 3D rotation allows to view the machine from all directions.	fixed 2D view	fixed 3D view	fixed 3D view	free 3D rotation	free 3D rotation	free 3D rotation
Target values Using target values for alignment, it is possible to compensate for thermal expansion or similar adjustments.	—	—	—	●	●	●
Disturbance compensation Measurement values are averaged over time, allowing accurate measurements in the presence of laser distortions from air temperature gradients or similar disturbances.	—	—	—	●	●	●

Supported alignment applications	TKSA 11	TKSA 31	TKSA 41	TKSA 51	TKSA 71	TKSA 71/PRO
Horizontal shaft alignment	●	●	●	●	●	●
Soft foot correction	—	●	●	●	●	●
Vertical shaft alignment	—	—	—	●	●	●
Spacer shaft	—	—	—	—	●	●
Machine train	—	—	—	—	●	●
Digital dial gauge mode	—	—	—	—	●	●

Alignment accessories	TKSA 11	TKSA 31	TKSA 41	TKSA 51	TKSA 71	TKSA 71/PRO
Extension chains	optional	optional	optional	included	included	included
Extension rods	optional	optional	included	included	included	included
Magnetic V-brackets	optional	optional	optional	included	included	included
Offset brackets	optional	optional	optional	optional	optional	included
Sliding brackets	optional	optional	optional	optional	optional	included
Magnetic base	—	optional	optional	optional	optional	included
Spindle bracket	optional	—	—	optional	optional	optional

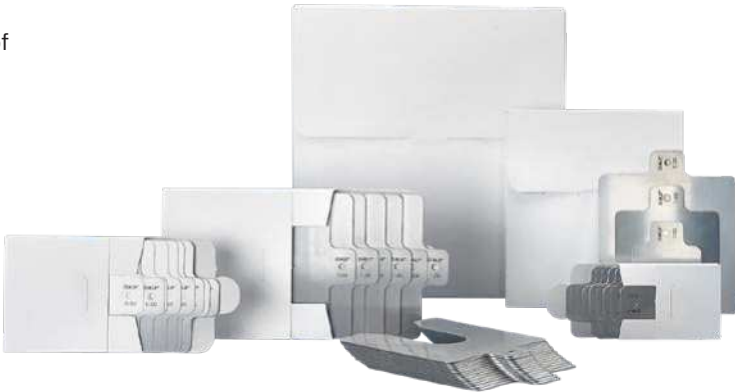
¹⁾ With supplied USB cables

Machinery shims TMAS series

For accurate vertical machinery alignment

Accurate machine adjustment is an essential element of any alignment process.

- Made of high quality stainless steel, allowing re-use
- Easy to fit and to remove
- Close tolerances for accurate alignment
- Thickness clearly marked on each shim
- Fully de-burred
- Pre-cut shims are supplied in packs of 10 and complete kits are also available



TMAS 340



TMAS 380



TMAS 100/KIT

A 50 mm B 50 mm C 13 mm		A 75 mm B 75 mm C 21 mm		A 100 mm B 100 mm C 32 mm	
Pack designation	Thickness (mm)	Pack designation	Thickness (mm)	Pack designation	Thickness (mm)
TMAS 50-005	0.05	TMAS 75-005	0.05	TMAS 100-005	0.05
TMAS 50-010	0.10	TMAS 75-010	0.10	TMAS 100-010	0.10
TMAS 50-020	0.20	TMAS 75-020	0.20	TMAS 100-020	0.20
TMAS 50-025	0.25	TMAS 75-025	0.25	TMAS 100-025	0.25
TMAS 50-040	0.40	TMAS 75-040	0.40	TMAS 100-040	0.40
TMAS 50-050	0.50	TMAS 75-050	0.50	TMAS 100-050	0.50
TMAS 50-070	0.70	TMAS 75-070	0.70	TMAS 100-070	0.70
TMAS 50-100	1.00	TMAS 75-100	1.00	TMAS 100-100	1.00
TMAS 50-200	2.00	TMAS 75-200	2.00	TMAS 100-200	2.00
TMAS 50-300	3.00	TMAS 75-300	3.00	TMAS 100-300	3.00

A 125 mm B 125 mm C 45 mm		A 200 mm B 200 mm C 55 mm	
Pack designation	Thickness (mm)	Pack designation	Thickness (mm)
TMAS 125-005	0.05	TMAS 200-005	0.05
TMAS 125-010	0.10	TMAS 200-010	0.10
TMAS 125-020	0.20	TMAS 200-020	0.20
TMAS 125-025	0.25	TMAS 200-025	0.25
TMAS 125-040	0.40	TMAS 200-040	0.40
TMAS 125-050	0.50	TMAS 200-050	0.50
TMAS 125-070	0.70	TMAS 200-070	0.70
TMAS 125-100	1.00	TMAS 200-100	1.00
TMAS 125-200	2.00	TMAS 200-200	2.00
TMAS 125-300	3.00	TMAS 200-300	3.00

A

Each pack designation consists of 10 shims.

Stroboscopes TKRS series

High-performance, hand-held stroboscopes for visual inspection

SKF offers a wide range of portable TKRS stroboscopes for visual inspection of running machines in challenging industrial environments. These portable tools provide early detection of abnormalities to help schedule maintenance tasks and reduce additional loads on rotating equipment in order to reach planned performance levels. Designed for ease of use, the four TKRS models offer from 3 to 118 ultra-bright LEDs. Each stroboscope features a large screen and multifunctional selector switch to help you quickly navigate to the correct menu. Brightness and performance levels are adjustable.



TKRS 11

- Quick speed selection with rotary button
- Black and white LCD display
- Three ultra-bright LEDs



TKRS 21

- High luminescence with seven ultra-bright LEDs
- Multi-line backlit TFT



TKRS 31

- Built-in laser tachometer with flash synchronization
- Pro-mode with additional features like slow motion phase shift
- Trigger input and output with signal modification



G



TKRS 41

- Extreme luminescence with 118 ultra-bright LEDs
- Portable operation with built-in rechargeable battery
- Continuous operation for long term inspection with power adapter
- Flash synchronization from laser tachometer or trigger input



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