



optibelt KRS

V-GROOVED PULLEYS
in accordance with DIN 2211



Taper bushes

FOR TAPER BUSHES		
SECTION	ORIENTATION CROSS SECTION	RIBS
SPZ / 10	50–630 mm	1–8
SPA / 13	63–630 mm	1–5
SPB / 17	100–1000 mm	1–10
SPC / 22	200–1250 mm	2–10

FOR CYLINDRICAL BORES		
SECTION	ORIENTATION CROSS SECTION	RIBS
SPZ / 10	45–355 mm	1–3
SPA / 13	50–560 mm	1–5
SPB / 17	56–630 mm	1–6
SPC / 22	180–630 mm	1–6



optibelt ZRS

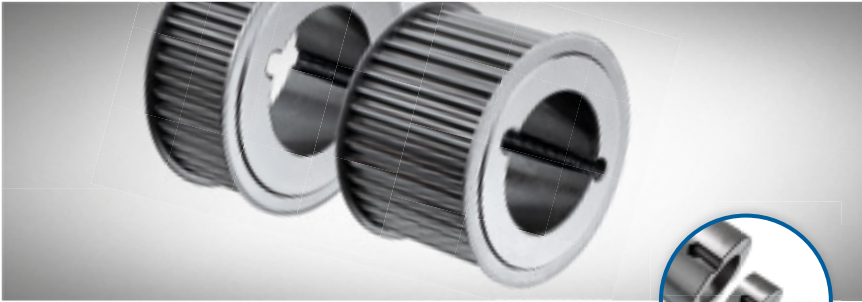
STANDARD TIMING BELT PULLEYS



Taper bushes

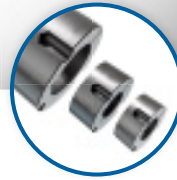
FOR TAPER BUSHES		
SECTION	BELT WIDTH	TEETH
L	12,7 mm	18–120
	19,1 mm	18–120
	25,4 mm	18–120
H	25,4 mm	16–120
	38,1 mm	18–120
	50,8 mm	18–120
	76,2 mm	20–120
XH	50,8 mm	18–48
	76,2 mm	18–48
	101,6 mm	20–48

FOR CYLINDRICAL BORES		
SECTION	BELT WIDTH	TEETH
XL	6,4 mm	10–72
	7,9 mm	10–72
	9,5 mm	10–72
L	12,7 mm	10–84
	19,1 mm	10–84
	25,4 mm	10–84
	19,1 mm	14–48
H	25,4 mm	14–120
	38,1 mm	14–120
	50,8 mm	14–120
	76,2 mm	16–120
	101,6 mm	18–96
XH	50,8 mm	18–96
	76,2 mm	18–96
	101,6 mm	18–96



optibelt ZRS DC

STANDARD TIMING BELT PULLEYS



Taper bushes

FOR TAPER BUSHES		
SECTION	BELT WIDTH	TEETH
8MDC	12 mm	22–192
	21 mm	22–192
	36 mm	22–192
	62 mm	22–192



optibelt RBS

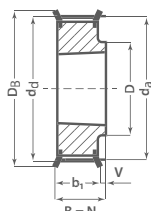
V-GROOVED PULLEYS



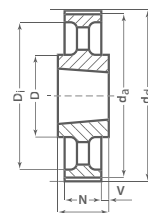
Taper bushes

FOR TAPER BUSHES		
DESIGNATION	DIMENSIONS	RIBS
TB 4 PJ	47,5–222,5 mm	4
TB 8 PJ	47,5–222,5 mm	8
TB 12 PJ	62,5–222,5 mm	12
TB 16 PJ	62,5–222,5 mm	16
TB 6 PL	78–388 mm	6
TB 8 PL	78–388 mm	8
TB 10 PL	88–388 mm	10
TB 12 PL	88–388 mm	12
TB 16 PL	103–388 mm	16

FOR CYLINDRICAL BORES		
DESIGNATION	DIMENSIONS	RIBS
4 PJ	22,5–42,5 mm	4
8 PJ	22,5–42,5 mm	8
12 PJ	22,5–42,5 mm	12



Type 8F



Type 7A

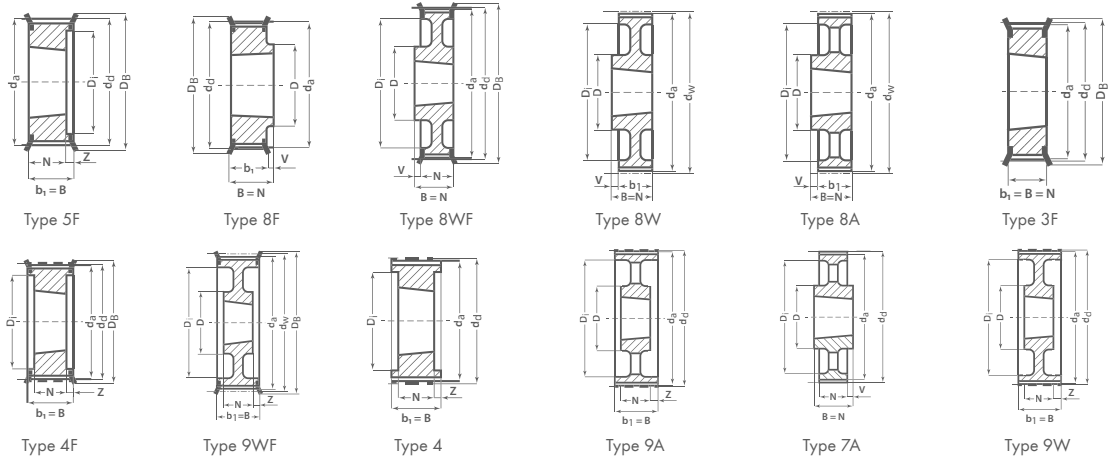
Description	Number of teeth	Type	Material	d ₂ (mm)	d ₃ (mm)	D _B (mm)	b ₁ (mm)	B (mm)	N (mm)	V (mm)	D (mm)	Taper bushing	Weight without bushing (=kg)
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5M - Pitch 5 mm for belt width 15 mm

TB 34 5M 15	34	8F	ST	54.11	52.97	57.0	20.5	22.0	22	1.5	43.0	1008	0.190
TB 36 5M 15	36	8F	ST	57.30	56.16	60.0	20.5	22.0	22	1.5	44.0	1108	0.200
TB 38 5M 15	38	8F	ST	69.48	59.34	66.0	20.5	22.0	22	1.5	48.0	1108	0.250
TB 40 5M 15	40	8F	ST	63.66	62.52	71.0	20.5	22.0	22	1.5	52.0	1108	0.310
TB 44 5M 15	44	8F	ST	70.03	68.89	75.0	20.5	22.0	22	1.5	54.0	1108	0.400
TB 48 5M 15	48	8F	ST	76.39	75.25	83.0	20.5	25.0	25	4.5	64.0	1210	0.450
TB 56 5M 15	56	8F	GG	89.13	87.99	93.0	20.5	25.0	25	4.5	70.0	1210	0.670
TB 64 5M 15	64	8F	GG	101.86	100.72	106.0	20.5	25.0	25	4.5	78.0	1210	0.960
TB 72 5M 15	72	8F	GG	114.59	113.45	119.0	20.5	25.0	25	4.5	90.0	1610	1.190
TB 80 5M 15	80	8F	GG	127.32	126.18	135.0	20.5	25.0	25	4.5	92.0	1610	1.570
TB 90 5M 15	90	7A	GG	143.24	142.10	-	20.5	25.0	25	2.3	92.0	1610	1.147
TB 112 5M 15	112	7A	GG	178.25	177.11	-	20.5	25.0	25	2.3	92.0	2012	1.940
TB 136 5M 15	136	7A	GG	216.45	215.31	-	20.5	32.0	32	5.8	106.0	2012	3.060
TB 150 5M 15	150	7A	GG	238.73	237.59	-	20.5	32.0	32	5.8	106.0	2012	3.900

Taper bushing	1008	1108	1210	1610	2012
Bore d ₂ from... to...	10-25	10-28	11-32	14-42	14-50

GG = Cast iron ST = Steel We reserve the right to make technical changes. * Non stock items.
 Bore diameters d₂ see page 4.



Description	Number of teeth	Type	Material	d _g (mm)	d _o (mm)	D _b (mm)	b ₁ (mm)	B (mm)	N (mm)	V (mm)	Z (mm)	D (mm)	D ₁ (mm)	Taper bushing	Weight without bushing (≈kg)
8M - Pitch 8 mm for belt width 20 mm															
TB 22 8M 20	22	5F	GG	56.02	54.65	60.0	28.0	28.0	22	-	6.0	-	41	1008	0.240
TB 24 8M 20	24	5F	GG	61.12	59.75	66.0	28.0	28.0	22	-	6.0	-	42	1108	0.300
TB 26 8M 20	26	5F	GG	66.21	64.84	71.0	28.0	28.0	22	-	6.0	-	46	1108	0.360
TB 28 8M 20	28	5F	GG	71.30	70.08	75.0	28.0	28.0	22	-	6.0	-	50	1108	0.440
TB 30 8M 20	30	5F	GG	76.39	75.13	83.0	28.0	28.0	22	-	6.0	-	58	1108	0.530
TB 32 8M 20	32	5F	GG	81.49	80.16	87.0	28.0	28.0	25	-	3.0	-	62	1610	0.420
TB 34 8M 20	34	5F	GG	86.58	85.22	91.0	28.0	28.0	25	-	3.0	-	65	1610	0.550
TB 36 8M 20	36	5F	GG	91.67	90.30	98.5	28.0	28.0	25	-	3.0	-	68	1610	0.680
TB 38 8M 20	38	5F	GG	96.77	95.39	103.0	28.0	28.0	25	-	3.0	-	72	1610	0.800
TB 40 8M 20	40	5F	GG	101.86	100.49	106.0	28.0	28.0	25	-	3.0	-	76	1610	1.000
TB 44 8M 20	44	8F	GG	112.05	110.67	119.0	28.0	32.0	32	4.0	-	93.0	-	2012	1.200
TB 48 8M 20	48	8F	GG	122.23	120.86	127.0	28.0	32.0	32	4.0	-	96.0	-	2012	1.600
TB 56 8M 20	56	8F	GG	142.60	141.23	148.0	28.0	32.0	32	4.0	-	110.0	-	2012	2.400
TB 64 8M 20	64	8WF	GG	162.97	161.60	168.0	28.0	32.0	32	4.0	-	110.0	137	2012	2.700
TB 72 8M 20	72	8WF	GG	183.35	181.97	192.0	28.0	32.0	32	4.0	-	110.0	158	2012	3.300
TB 80 8M 20	80	8W	GG	203.72	202.35	-	28.0	32.0	32	4.0	-	110.0	180	2012	3.500
TB 90 8M 20	90	8A	GG	229.18	227.81	-	28.0	32.0	32	4.0	-	110.0	204	2012	3.650
8M - Pitch 8 mm for belt width 30 mm															
TB 22 8M 30	22	5F	GG	56.02	54.65	60.0	38.0	38.0	22	-	16.0	-	41	1008	0.290
TB 24 8M 30	24	5F	GG	61.12	59.75	66.0	38.0	38.0	22	-	16.0	-	42	1108	0.380
TB 26 8M 30	26	5F	GG	66.21	64.84	71.0	38.0	38.0	22	-	16.0	-	46	1108	0.450
TB 28 8M 30	28	5F	GG	71.30	70.08	75.0	38.0	38.0	25	-	13.0	-	50	1210	0.500
TB 30 8M 30	30	3F	GG	76.39	75.13	83.0	38.0	38.0	38	-	-	-	-	1615	0.450
TB 32 8M 30	32	3F	GG	81.49	80.16	87.0	38.0	38.0	38	-	-	-	-	1615	0.590
TB 34 8M 30	34	3F	GG	86.58	85.22	91.0	38.0	38.0	38	-	-	-	-	1615	0.770
TB 36 8M 30	36	3F	GG	91.67	90.30	98.5	38.0	38.0	38	-	-	-	-	1615	0.960
TB 38 8M 30	38	3F	GG	96.77	95.39	103.0	38.0	38.0	38	-	-	-	-	1615	1.150
TB 40 8M 30	40	3F	GG	101.86	100.49	106.0	38.0	38.0	38	-	-	-	-	1615	1.340
TB 44 8M 30	44	4F	GG	112.05	110.67	119.0	38.0	38.0	32	-	3.0	-	91	2012	1.330
TB 48 8M 30	48	4F	GG	122.23	120.86	127.0	38.0	38.0	32	-	3.0	-	95	2012	1.780
TB 56 8M 30	56	4F	GG	142.60	141.23	148.0	38.0	38.0	32	-	3.0	-	117	2012	3.760
TB 64 8M 30	64	8F	GG	162.97	161.60	168.0	38.0	45.0	45	7.0	-	125.0	-	2517	4.200
TB 72 8M 30	72	8WF	GG	183.35	181.97	192.0	38.0	45.0	45	7.0	-	125.0	158	2517	4.300
TB 80 8M 30	80	8W	GG	203.72	202.35	-	38.0	45.0	45	7.0	-	125.0	180	2517	4.600
TB 90 8M 30	90	8A	GG	229.18	227.81	-	38.0	45.0	45	7.0	-	125.0	204	2517	5.000
TB 112 8M 30	112	8A	GG	285.21	283.83	-	38.0	45.0	45	7.0	-	125.0	260	2517	6.200
TB 144 8M 30	144	8A	GG	366.69	365.32	-	38.0	45.0	45	7.0	-	125.0	341	2517	9.000

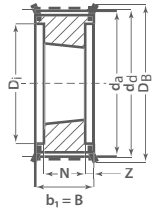
optibelt ZRS HTD Pulleys for Taper Bushings
Profile 8M



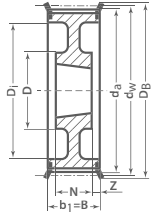
Description	Number of teeth	Type	Material	d _d (mm)	d _e (mm)	D _B (mm)	b ₁ (mm)	B (mm)	N (mm)	V (mm)	Z (mm)	D (mm)	D _i (mm)	Taper bushing	Weight without bushing (=kg)
8M - Pitch 8 mm for belt width 50 mm															
TB 28 8M 50	28	5F	GG	71.30	70.08	75.0	60.0	60.0	25	-	35.0	-	50	1210	0.600
TB 30 8M 50	30	5F	GG	76.39	75.13	83.0	60.0	60.0	38	-	22.0	-	58	1615	0.650
TB 32 8M 50	32	5F	GG	81.49	80.16	87.0	60.0	60.0	38	-	22.0	-	62	1615	0.820
TB 34 8M 50	34	5F	GG	86.58	85.22	91.0	60.0	60.0	38	-	22.0	-	65	1615	1.060
TB 36 8M 50	36	5F	GG	91.67	90.30	98.5	60.0	60.0	38	-	22.0	-	68	1615	1.300
TB 38 8M 50	38	5F	GG	96.77	95.39	103.0	60.0	60.0	38	-	22.0	-	72	1615	1.600
TB 40 8M 50	40	4F	GG	101.86	100.49	106.0	60.0	60.0	32	-	14.0	-	82	2012	1.710
TB 44 8M 50	44	4F	GG	112.05	110.67	119.0	60.0	60.0	32	-	14.0	-	91	2012	1.780
TB 48 8M 50	48	4F	GG	122.23	120.86	127.0	60.0	60.0	32	-	14.0	-	95	2012	2.300
TB 56 8M 50	56	4F	GG	142.60	141.23	148.0	60.0	60.0	45	-	7.5	-	116	2517	3.400
TB 64 8M 50	64	4F	GG	162.97	161.60	168.0	60.0	60.0	45	-	7.5	-	137	2517	5.000
TB 72 8M 50	72	9WF	GG	183.35	181.97	192.0	60.0	60.0	45	-	7.5	125.0	158	2517	6.700
TB 80 8M 50	80	4	GG	203.72	202.35	-	60.0	60.0	51	-	4.5	-	180	3020	8.800
TB 90 8M 50	90	9W	GG	229.18	227.81	-	60.0	60.0	51	-	4.5	170.0	204	3020	10.000
TB 112 8M 50	112	9W	GG	285.21	283.83	-	60.0	60.0	51	-	4.5	170.0	260	3020	12.000
TB 144 8M 50	144	9A	GG	366.69	365.32	-	60.0	60.0	51	-	4.5	170.0	341	3020	15.200
TB 168 8M 50	168	7A	GG	427.81	426.44	-	60.0	65.0	65	-	2.5	170.0	402	3525	16.400
TB 192 8M 50	192	7A	GG	488.92	487.55	-	60.0	65.0	65	-	2.5	170.0	460	3525	21.800
8M - Pitch 8 mm for belt width 85 mm															
TB 34 8M 85	34	4F	GG	86.58	85.22	91.0	95.0	95.0	38	-	28.5	-	65	1615	1.430
TB 36 8M 85	36	4F	GG	91.67	90.30	98.5	95.0	95.0	38	-	28.5	-	68	1615	1.870
TB 38 8M 85	38	4F	GG	96.77	95.39	103.0	95.0	95.0	38	-	28.5	-	72	1615	2.200
TB 40 8M 85	40	4F	GG	101.86	100.49	106.0	95.0	95.0	32	-	31.5	-	82	2012	1.780
TB 44 8M 85	44	4F	GG	112.05	110.67	119.0	95.0	95.0	32	-	31.5	-	91	2012	2.300
TB 48 8M 85	48	4F	GG	122.23	120.86	127.0	95.0	95.0	45	-	25.0	-	100	2517	2.660
TB 56 8M 85	56	4F	GG	142.60	141.23	148.0	95.0	95.0	45	-	25.0	-	117	2517	4.450
TB 64 8M 85	64	4F	GG	162.97	161.60	168.0	95.0	95.0	45	-	25.0	-	137	2517	6.200
TB 72 8M 85	72	4F	GG	183.35	181.97	192.0	95.0	95.0	51	-	22.0	-	158	3020	8.000
TB 80 8M 85	80	4	GG	203.72	202.35	-	95.0	95.0	51	-	22.0	-	180	3020	10.000
TB 90 8M 85	90	9W	GG	229.18	227.81	-	95.0	95.0	51	-	22.0	170.0	204	3020	10.800
TB 112 8M 85	112	9W	GG	285.21	283.83	-	95.0	95.0	51	-	22.0	170.0	260	3020	15.000
TB 144 8M 85	144	9A	GG	366.69	365.32	-	95.0	95.0	65	-	15.0	170.0	341	3525	20.000
TB 168 8M 85	168	9A	GG	427.81	426.44	-	95.0	95.0	65	-	15.0	170.0	402	3525	23.000
TB 192 8M 85	192	9A	GG	488.92	487.55	-	95.0	95.0	65	-	15.0	170.0	460	3525	28.500

Taper bushing	1008	1108	1210	1610	1615	2012	2517	3020	3525
Bore d ₂ (mm) from... to...	10-25	10-28	11-32	14-42	14-42	14-50	16-60	25-75	35-90

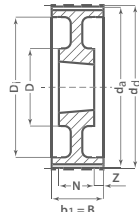
GG = Cast iron ST = Steel We reserve the right to make technical changes. * Non stock items.
 Bore diameters d₂ see page 4.



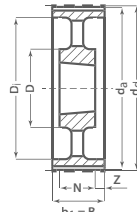
Type 4F



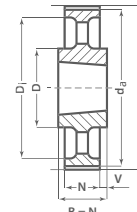
Type 9WF



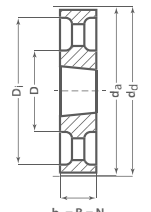
Type 9W



Type 9A



Type 7A



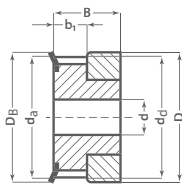
Type 3A

Description	Number of teeth	Type	Material	d ₀ (mm)	d _{0m} (mm)	D _B (mm)	b ₁ (mm)	B (mm)	N (mm)	V (mm)	Z (mm)	D (mm)	D ₁ (mm)	Taper bushing	Weight without bushing (=kg)
14M - Pitch 14 mm for belt width 40 mm															
TB 28 14M 40	28	4F	GG	124.78	122.12	127.0	54.0	54.0	32	-	11.0	-	98	2012	2.000
TB 29 14M 40	29	4F	GG	129.23	126.57	138.0	54.0	54.0	32	-	11.0	-	100	2012	2.380
TB 30 14M 40	30	4F	GG	133.69	130.99	138.0	54.0	54.0	32	-	11.0	-	100	2012	2.650
TB 32 14M 40	32	4F	GG	142.60	139.88	154.0	54.0	54.0	32	-	11.0	-	104	2012	3.400
TB 34 14M 40	34	4F	GG	151.52	148.79	160.0	54.0	54.0	45	-	4.5	-	110	2517	3.870
TB 36 14M 40	36	4F	GG	160.43	157.68	168.0	54.0	54.0	45	-	4.5	-	120	2517	4.800
TB 38 14M 40	38	4F	GG	169.34	166.60	183.0	54.0	54.0	45	-	4.5	-	130	2517	5.400
TB 40 14M 40	40	4F	GG	178.25	175.49	188.0	54.0	54.0	45	-	4.5	-	138	2517	6.000
TB 44 14M 40	44	4F	GG	196.08	193.28	211.0	54.0	54.0	51	-	1.5	-	155	3020	7.800
TB 48 14M 40	48	4F	GG	213.90	211.11	226.0	54.0	54.0	51	-	1.5	-	170	3020	9.400
TB 56 14M 40	56	9WF	GG	249.55	246.76	256.0	54.0	54.0	51	-	1.5	170.0	208	3020	10.800
TB 64 14M 40	64	9WF	GG	285.21	282.41	296.0	54.0	54.0	51	-	1.5	170.0	242	3020	13.400
TB 72 14M 40	72	9W	GG	320.86	318.06	-	54.0	54.0	51	-	1.5	170.0	280	3020	15.200
TB 80 14M 40	80	9A	GG	356.51	353.71	-	54.0	54.0	51	-	1.5	170.0	315	3020	16.000
TB 90 14M 40	90	9A	GG	401.07	398.28	-	54.0	54.0	51	-	1.5	170.0	360	3020	17.800
TB 112 14M 40	112	9A	GG	499.11	496.32	-	54.0	54.0	51	-	1.5	170.0	457	3020	25.600
TB 144 14M 40	144	9A	GG	641.71	638.92	-	54.0	54.0	51	-	1.5	170.0	600	3020	32.000
TB 168 14M 40	168	9A	GG	748.66	745.87	-	54.0	54.0	51	-	1.5	170.0	706	3020	44.000
TB 192 14M 40	192	9A	GG	855.62	852.82	-	54.0	54.0	51	-	1.5	170.0	813	3020	49.000
TB 216 14M 40	216	9A	GG	962.57	959.77	-	54.0	54.0	51	-	1.5	170.0	920	2012	55.000
14M - Pitch 14 mm for belt width 55 mm															
TB 28 14M 55	28	4F	GG	124.78	122.12	127.0	70.0	70.0	32	-	19.0	-	98	2012	2.200
TB 29 14M 55	29	4F	GG	129.23	126.57	138.0	70.0	70.0	32	-	19.0	-	100	2517	2.740
TB 30 14M 55	30	4F	GG	133.69	130.99	138.0	70.0	70.0	45	-	12.5	-	100	2517	2.700
TB 32 14M 55	32	4F	GG	142.60	139.88	154.0	70.0	70.0	45	-	12.5	-	108	2517	3.660
TB 34 14M 55	34	4F	GG	151.52	148.79	160.0	70.0	70.0	45	-	12.5	-	110	2517	4.550
TB 36 14M 55	36	4F	GG	160.43	157.68	168.0	70.0	70.0	45	-	12.5	-	120	2517	5.200
TB 38 14M 55	38	4F	GG	169.34	166.60	183.0	70.0	70.0	45	-	12.5	-	130	2517	6.200
TB 40 14M 55	40	4F	GG	178.25	175.49	188.0	70.0	70.0	45	-	12.5	-	138	2517	7.000
TB 44 14M 55	44	4F	GG	196.08	193.28	211.0	70.0	70.0	51	-	9.5	-	155	3020	8.600
TB 48 14M 55	48	4F	GG	213.90	211.11	226.0	70.0	70.0	51	-	9.5	-	170	3020	10.400
TB 56 14M 55	56	9WF	GG	249.55	246.76	256.0	70.0	70.0	51	-	9.5	170.0	208	3020	12.000
TB 64 14M 55	64	9WF	GG	285.21	282.41	296.0	70.0	70.0	51	-	9.5	170.0	242	3020	14.500
TB 72 14M 55	72	9W	GG	320.86	318.06	-	70.0	70.0	51	-	9.5	170.0	280	3020	16.200
TB 80 14M 55	80	9A	GG	356.51	353.71	-	70.0	70.0	51	-	9.5	170.0	315	3020	17.500
TB 90 14M 55	90	9A	GG	401.07	398.28	-	70.0	70.0	51	-	9.5	170.0	360	3020	20.100
TB 112 14M 55	112	9A	GG	499.11	496.32	-	70.0	70.0	51	-	9.5	170.0	457	3020	28.400
TB 144 14M 55	144	9A	GG	641.71	638.92	-	70.0	70.0	51	-	9.5	170.0	600	3020	36.200
TB 168 14M 55	168	9A	GG	748.66	745.87	-	70.0	70.0	51	-	9.5	170.0	706	3020	49.000
TB 192 14M 55	192	9A	GG	855.62	852.82	-	70.0	70.0	51	-	9.5	170.0	813	3020	53.000
TB 216 14M 55	216	7A	GG	962.57	959.77	-	70.0	89.0	89	9.5	-	190.0	920	3535	65.800
14M - Pitch 14 mm for belt width 85 mm															
TB 28 14M 85	28	4F	GG	124.78	122.12	127.0	102.0	102.0	45	-	28.5	-	98	2517	2.700

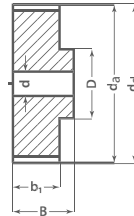
optibelt ZRS HTD Pulleys for Taper Bushings
Profile 14M



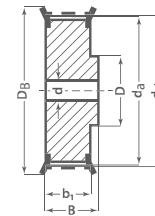
Description	Number of teeth	Type	Material	d _d (mm)	d _e (mm)	D _B (mm)	b ₁ (mm)	B (mm)	N (mm)	V (mm)	Z (mm)	D (mm)	D ₁ (mm)	Taper bushing	Weight without bushing (=kg)
TB 29 14M 85	29	4F	GG	129.23	126.57	138.0	102.0	102.0	45	-	28.5	-	100	2517	3.400
TB 30 14M 85	30	4F	GG	133.69	130.99	138.0	102.0	102.0	45	-	28.5	-	100	2517	3.750
TB 32 14M 85	32	4F	GG	142.60	139.88	154.0	102.0	102.0	45	-	28.5	-	108	2517	4.800
TB 34 14M 85	34	4F	GG	151.52	148.79	160.0	102.0	102.0	45	-	28.5	-	110	2517	6.000
TB 36 14M 85	36	4F	GG	160.43	157.68	168.0	102.0	102.0	51	-	25.5	-	120	3020	5.800
TB 38 14M 85	38	4F	GG	169.34	166.60	183.0	102.0	102.0	51	-	25.5	-	130	3020	6.800
TB 40 14M 85	40	4F	GG	178.25	175.49	188.0	102.0	102.0	51	-	25.5	-	138	3020	8.000
TB 44 14M 85	44	4F	GG	196.08	193.28	211.0	102.0	102.0	76	-	13.0	-	155	3030	11.800
TB 48 14M 85	48	4F	GG	213.90	211.11	226.0	102.0	102.0	76	-	13.0	-	170	3030	15.100
TB 56 14M 85	56	4F	GG	249.55	246.76	256.0	102.0	102.0	65	-	18.5	190.0	210	3525	19.000
TB 64 14M 85	64	9WF	GG	285.21	282.41	296.0	102.0	102.0	65	-	18.5	190.0	242	3525	23.000
TB 72 14M 85	72	9W	GG	320.86	318.06	-	102.0	102.0	65	-	18.5	190.0	280	3525	25.000
TB 80 14M 85	80	9A	GG	356.51	353.71	-	102.0	102.0	65	-	18.5	190.0	315	3525	26.000
TB 90 14M 85	90	9A	GG	401.07	398.28	-	102.0	102.0	65	-	18.5	190.0	360	3525	27.800
TB 112 14M 85	112	9A	GG	499.11	496.32	-	102.0	102.0	65	-	18.5	190.0	457	3525	36.500
TB 144 14M 85	144	9A	GG	641.71	638.92	-	102.0	102.0	65	-	18.5	190.0	600	3525	48.000
TB 168 14M 85	168	9A	GG	748.66	745.87	-	102.0	102.0	65	-	18.5	190.0	706	3525	60.000
TB 192 14M 85	192	3A	GG	855.62	852.82	-	102.0	102.0	102	-	-	230.0	813	4040	86.000
TB 216 14M 85	216	3A	GG	962.57	959.77	-	102.0	102.0	102	-	-	230.0	920	4040	91.500
14M - Pitch 14 mm for belt width 115 mm															
TB 28 14M 115	28	4F	GG	124.78	122.12	127.0	133.0	133.0	45	-	44.0	-	98	2517	3.770
TB 29 14M 115	29	4F	GG	129.23	126.57	138.0	133.0	133.0	45	-	44.0	-	100	2517	4.000
TB 30 14M 115	30	4F	GG	133.69	130.99	138.0	133.0	133.0	45	-	44.0	-	100	2517	5.000
TB 32 14M 115	32	4F	GG	142.60	139.88	154.0	133.0	133.0	45	-	44.0	-	108	2517	6.800
TB 34 14M 115	34	4F	GG	151.52	148.79	160.0	133.0	133.0	45	-	44.0	-	110	2517	6.800
TB 36 14M 115	36	4F	GG	160.43	157.68	168.0	133.0	133.0	51	-	41.0	-	120	3020	7.000
TB 38 14M 115	38	4F	GG	169.34	166.60	183.0	133.0	133.0	51	-	41.0	-	130	3020	8.400
TB 40 14M 115	40	4F	GG	178.25	175.49	188.0	133.0	133.0	51	-	41.0	-	140	3020	9.200
TB 44 14M 115	44	4F	GG	196.08	193.28	211.0	133.0	133.0	76	-	28.5	-	155	3030	14.000
TB 48 14M 115	48	4F	GG	213.90	211.11	226.0	133.0	133.0	76	-	28.5	-	170	3030	17.100
TB 56 14M 115	56	4F	GG	249.55	246.76	256.0	133.0	133.0	89	-	22.0	-	210	3535	24.800
TB 64 14M 115	64	9WF	GG	285.21	282.41	296.0	133.0	133.0	89	-	22.0	190.0	242	3535	27.000
TB 72 14M 115	72	9W	GG	320.86	318.06	-	133.0	133.0	89	-	22.0	190.0	280	3535	29.000
TB 80 14M 115	80	9A	GG	356.51	353.71	-	133.0	133.0	89	-	22.0	190.0	315	3535	32.000
TB 90 14M 115	90	9A	GG	401.07	398.28	-	133.0	133.0	89	-	22.0	190.0	360	3535	36.500
TB 112 14M 115	112	9A	GG	499.11	496.32	-	133.0	133.0	89	-	22.0	190.0	457	3535	46.000
TB 144 14M 115	144	9A	GG	641.71	638.92	-	133.0	133.0	102	-	15.5	230.0	600	4040	68.000
TB 168 14M 115	168	9A	GG	748.66	745.87	-	133.0	133.0	102	-	15.5	230.0	706	4040	82.600
TB 192 14M 115	192	9A	GG	855.62	852.82	-	133.0	133.0	102	-	15.5	230.0	813	4040	96.000
TB 216 14M 115	216	9A	GG	962.57	959.77	-	133.0	133.0	102	-	15.5	230.0	920	4040	107.000
14M - Pitch 14 mm for belt width 170 mm															
TB 38 14M 170*	38	4F	GG	169.34	166.60	183.0	187.0	187.0	76	-	55.5	-	130	3030	11.700
TB 40 14M 170*	40	4F	GG	178.25	175.49	188.0	187.0	187.0	76	-	55.5	-	140	3030	13.000
TB 44 14M 170*	44	4F	GG	196.08	193.28	211.0	187.0	187.0	89	-	49.0	-	155	3535	15.000
TB 48 14M 170*	48	4F	GG	213.90	211.11	226.0	187.0	187.0	89	-	49.0	-	175	3535	19.000
TB 56 14M 170*	56	4F	GG	249.55	246.76	256.0	187.0	187.0	89	-	49.0	-	210	3535	28.500
TB 64 14M 170*	64	4F	GG	285.21	282.41	296.0	187.0	187.0	102	-	42.5	-	240	4040	41.000
TB 72 14M 170*	72	9W	GG	320.86	318.06	-	187.0	187.0	102	-	42.5	230.0	280	4040	46.900
TB 80 14M 170*	80	9W	GG	356.51	353.71	-	187.0	187.0	102	-	42.5	230.0	315	4040	48.000
TB 90 14M 170*	90	9A	GG	401.07	398.28	-	187.0	187.0	102	-	42.5	230.0	360	4040	52.500



Type 1F



Type 6



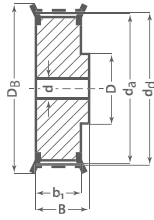
Type 6F

Description	Number of teeth	Type	Material	d _d (mm)	d _s (mm)	D _B (mm)	b ₁ (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Weight (≈kg)
3M - Pitch 3 mm for belt width 6 mm												
10 3M 6*	10	1F	AL	9.55	8.79	13.0	7.2	14.5	13.0	-	3	-
12 3M 6*	12	1F	AL	11.46	10.70	15.0	7.2	14.5	15.0	-	5	-
14 3M 6*	14	1F	AL	13.37	12.61	16.0	7.2	14.5	16.0	-	6	-
15 3M 6*	15	1F	AL	14.32	13.56	17.5	7.2	14.5	17.5	-	6	-
16 3M 6*	16	6F	AL	15.28	14.52	18.0	9.8	17.5	10.0	4	7	-
18 3M 6*	18	6F	AL	17.19	16.43	19.5	9.8	17.5	11.0	6	8	-
20 3M 6*	20	6F	AL	19.10	18.34	23.0	9.8	17.5	13.0	6	9	-
21 3M 6*	21	6F	AL	20.05	19.29	25.0	9.8	17.5	14.0	6	9	-
22 3M 6*	22	6F	AL	21.01	20.25	25.0	9.8	17.5	14.0	6	9	-
24 3M 6*	24	6F	AL	22.92	22.16	25.0	9.8	17.5	14.0	6	9	-
26 3M 6*	26	6F	AL	24.83	24.07	28.0	9.8	17.5	16.0	6	11	-
28 3M 6*	28	6F	AL	26.74	25.98	32.0	9.8	17.5	18.0	6	12	-
30 3M 6*	30	6F	AL	28.65	27.89	32.0	9.8	17.5	20.0	6	14	-
32 3M 6*	32	6F	AL	30.56	29.80	36.0	9.8	17.5	22.0	6	15	-
36 3M 6*	36	6F	AL	34.38	33.62	38.0	10.3	18.0	26.0	6	16	-
40 3M 6*	40	6F	AL	38.20	37.44	42.0	10.3	18.0	28.0	6	18	-
44 3M 6*	44	6F	AL	42.02	41.26	48.0	10.3	18.0	33.0	6	20	-
48 3M 6*	48	6	AL	45.84	45.08	-	10.3	18.6	33.0	8	20	-
60 3M 6*	60	6	AL	57.30	56.54	-	10.3	18.6	33.0	8	20	-
72 3M 6*	72	6	AL	68.75	67.99	-	10.3	18.6	33.0	8	20	-
3M - Pitch 3 mm for belt width 9 mm												
10 3M 9	10	1F	AL	9.55	8.79	13.0	10.2	17.5	13.0	-	3	0.004
12 3M 9	12	1F	AL	11.46	10.70	15.0	10.2	17.5	15.0	-	5	0.006
14 3M 9	14	1F	AL	13.37	12.61	16.0	10.2	17.5	16.0	-	6	0.007
15 3M 9	15	1F	AL	14.32	13.56	17.5	10.2	17.5	17.5	-	6	0.008
16 3M 9	16	1F	AL	15.28	14.52	18.0	12.8	20.6	10.0	4	7	0.007
18 3M 9	18	6F	AL	17.19	16.43	19.5	12.8	20.6	11.0	6	8	0.008
20 3M 9	20	6F	AL	19.10	18.34	23.0	12.8	20.6	13.0	6	9	0.010
21 3M 9	21	6F	AL	20.05	19.29	25.0	12.8	20.6	14.0	6	9	0.013
22 3M 9	22	6F	AL	21.01	20.25	25.0	12.8	20.6	14.0	6	9	0.014
24 3M 9	24	6F	AL	22.92	22.16	25.0	12.8	20.6	14.0	6	9	0.016
26 3M 9	26	6F	AL	24.83	24.07	28.0	12.8	20.6	16.0	6	11	0.018
28 3M 9	28	6F	AL	26.74	25.98	32.0	12.8	20.6	18.0	6	12	0.024
30 3M 9	30	6F	AL	28.65	27.89	32.0	12.8	20.6	20.0	6	14	0.028
32 3M 9	32	6F	AL	30.56	29.80	36.0	12.8	20.6	22.0	6	15	0.032
36 3M 9	36	6F	AL	34.38	33.62	38.0	13.4	22.2	26.0	6	16	0.045
40 3M 9	40	6F	AL	38.20	37.44	42.0	13.4	22.2	28.0	6	18	0.055
44 3M 9	44	6F	AL	42.02	41.26	48.0	13.4	22.2	33.0	6	20	0.074
48 3M 9	48	6	AL	45.84	45.08	-	13.4	22.2	33.0	8	20	0.074
60 3M 9	60	6	AL	57.30	56.54	-	13.4	22.2	33.0	8	20	0.106
72 3M 9	72	6	AL	68.75	67.99	-	13.4	22.2	33.0	8	20	0.145
3M - Pitch 3 mm for belt width 15 mm												
10 3M 15	10	1F	AL	9.55	8.79	13.0	17.0	26.0	13.0	-	3	0.006

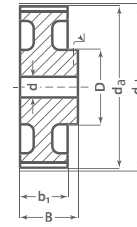


Description	Number of teeth	Type	Material	d_j (mm)	d_e (mm)	D_b (mm)	b_1 (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d_{max} (mm)	Weight (≈kg)
12 3M 15	12	1F	AL	11.46	10.70	15.0	17.0	26.0	15.0	-	5	0.008
14 3M 15	14	1F	AL	13.37	12.61	16.0	17.0	26.0	16.0	-	6	0.010
15 3M 15	15	1F	AL	14.32	13.56	17.5	17.0	26.0	17.5	-	6	0.012
16 3M 15	16	6F	AL	15.28	14.52	18.0	19.5	26.0	10.0	4	7	0.010
18 3M 15	18	6F	AL	17.19	16.43	19.5	19.5	26.0	11.0	6	8	0.012
20 3M 15	20	6F	AL	19.10	18.34	23.0	19.5	26.0	13.0	6	9	0.014
21 3M 15	21	6F	AL	20.05	19.29	25.0	19.5	26.0	14.0	6	9	0.016
22 3M 15	22	6F	AL	21.01	20.25	25.0	19.5	26.0	14.0	6	9	0.018
24 3M 15	24	6F	AL	22.92	22.16	25.0	19.5	26.0	14.0	6	9	0.020
26 3M 15	26	6F	AL	24.83	24.07	28.0	19.5	26.0	16.0	6	11	0.027
28 3M 15	28	6F	AL	26.74	25.98	32.0	19.5	26.0	18.0	6	12	0.030
30 3M 15	30	6F	AL	28.65	27.89	32.0	19.5	26.0	20.0	6	14	0.035
32 3M 15	32	6F	AL	30.56	29.80	36.0	19.5	26.0	22.0	6	15	0.042
36 3M 15	36	6F	AL	34.38	33.62	38.0	20.0	30.0	26.0	6	16	0.060
40 3M 15	40	6F	AL	38.20	37.44	42.0	20.0	30.0	28.0	6	18	0.075
44 3M 15	44	6F	AL	42.02	41.26	48.0	20.0	30.0	33.0	6	20	0.100
48 3M 15	48	6	AL	45.84	45.08	-	20.0	30.0	33.0	8	20	0.103
60 3M 15	60	6	AL	57.30	56.54	-	20.0	30.0	33.0	8	20	0.150
72 3M 15	72	6	AL	68.75	67.99	-	20.0	30.0	33.0	8	20	0.212

AL = Aluminium ST = Steel GG = Cast iron We reserve the right to make technical changes. * Non stock items.

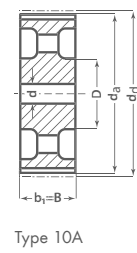
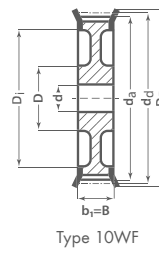
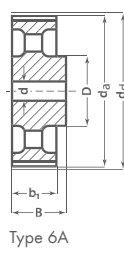
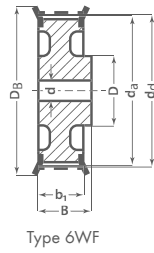
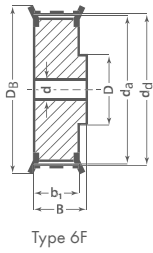


Type 6F



Type 6W

Description	Number of teeth	Type	Material	d _d (mm)	d _a (mm)	D _B (mm)	b ₁ (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Weight (=kg)
5M - Pitch 5 mm for belt width 9 mm												
12 5M 9	12	6F	ST	19.10	17.96	23.0	14.5	20.0	13.0	4	7	0.028
14 5M 9	14	6F	ST	22.28	21.14	25.0	14.5	20.0	14.0	6	8	0.034
15 5M 9	15	6F	ST	23.87	22.73	28.0	14.5	20.0	16.0	6	10	0.042
16 5M 9	16	6F	ST	25.46	24.32	28.0	14.5	20.0	16.5	6	10	0.050
18 5M 9	18	6F	ST	28.65	27.51	32.0	14.5	20.0	20.0	6	12	0.070
20 5M 9	20	6F	ST	31.83	30.69	36.0	14.5	22.5	23.0	6	14	0.094
21 5M 9	21	6F	ST	33.42	32.28	38.0	14.5	22.5	24.0	6	14	0.110
22 5M 9	22	6F	ST	35.01	33.87	38.0	14.5	22.5	25.5	6	14	0.118
24 5M 9	24	6F	ST	38.20	37.06	42.0	14.5	22.5	27.0	6	16	0.145
26 5M 9	26	6F	ST	41.38	40.24	44.0	14.5	22.5	30.0	6	18	0.170
28 5M 9	28	6F	ST	44.56	43.42	48.0	14.5	22.5	30.5	6	18	0.200
30 5M 9	30	6F	ST	47.75	46.61	51.0	14.5	22.5	35.0	6	20	0.236
32 5M 9	32	6F	ST	50.93	49.79	54.0	14.5	22.5	38.0	8	22	0.270
36 5M 9	36	6F	ST	57.30	56.16	60.0	14.5	22.5	38.0	8	22	0.324
40 5M 9	40	6F	ST	63.66	62.52	71.0	14.5	22.5	38.0	8	22	0.400
44 5M 9	44	6W	AL	70.03	68.89	-	14.5	25.5	38.0	8	22	0.170
48 5M 9	48	6W	AL	76.39	75.25	-	14.5	25.5	45.0	8	25	0.182
60 5M 9	60	6W	AL	95.49	94.35	-	14.5	25.5	45.0	8	25	0.230
72 5M 9	72	6W	AL	114.59	113.45	-	14.5	25.5	45.0	8	25	0.270
5M - Pitch 5 mm for belt width 15 mm												
12 5M 15	12	6F	ST	19.10	17.96	25.0	20.5	26.0	13.0	4	7	0.034
14 5M 15	14	6F	ST	22.28	21.14	25.0	20.5	26.0	14.0	6	8	0.046
15 5M 15	15	6F	ST	23.87	22.73	28.0	20.5	26.0	16.0	6	10	0.056
16 5M 15	16	6F	ST	25.46	24.32	28.0	20.5	26.0	16.5	6	10	0.064
18 5M 15	18	6F	ST	28.65	27.51	32.0	20.5	26.0	20.0	6	12	0.086
20 5M 15	20	6F	ST	31.83	30.69	36.0	20.5	26.0	23.0	6	14	0.112
21 5M 15	21	6F	ST	33.42	32.28	38.0	20.5	26.0	24.0	6	14	0.130
22 5M 15	22	6F	ST	35.01	33.87	38.0	20.5	26.0	25.5	6	14	0.140
24 5M 15	24	6F	ST	38.20	37.06	42.0	20.5	28.0	27.0	6	16	0.180
26 5M 15	26	6F	ST	41.38	40.24	44.0	20.5	28.0	30.0	6	18	0.220
28 5M 15	28	6F	ST	44.56	43.42	48.0	20.5	28.0	30.5	6	18	0.250
30 5M 15	30	6F	ST	47.75	46.61	51.0	20.5	28.0	35.0	6	20	0.300
32 5M 15	32	6F	ST	50.93	49.79	54.0	20.5	28.0	38.0	8	22	0.350
36 5M 15	36	6F	ST	57.30	56.16	60.0	20.5	28.0	38.0	8	22	0.426
40 5M 15	40	6F	ST	63.66	62.52	71.0	20.5	28.0	38.0	8	22	0.520
44 5M 15	44	6W	AL	70.03	68.89	-	20.5	30.0	38.0	8	22	0.225
48 5M 15	48	6W	AL	76.39	75.25	-	20.5	30.0	38.0	8	25	0.187
60 5M 15	60	6W	AL	95.49	94.35	-	20.5	30.0	50.0	8	25	0.305
72 5M 15	72	6W	AL	114.59	113.45	-	20.5	30.0	50.0	8	25	0.375
5M - Pitch 5 mm for belt width 25 mm												
12 5M 25	12	6F	ST	19.10	17.96	25.0	30.0	36.0	13.0	4	7	0.050
14 5M 25	14	6F	ST	22.28	21.14	25.0	30.0	36.0	14.0	6	8	0.070
15 5M 25	15	6F	ST	23.87	22.73	28.0	30.0	36.0	16.0	6	10	0.080



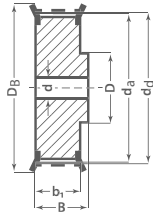
Description	Number of teeth	Type	Material	d _a (mm)	d _a (mm)	D _B (mm)	b ₁ (mm)	B (mm)	D (mm)	D _i (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Weight (≈kg)
8M - Pitch 8 mm for belt width 20 mm													
22 8M 20	22	6F	ST	56.02	54.65	60.0	28.0	38.0	43.0	-	12	30	0.540
24 8M 20	24	6F	ST	61.12	59.75	66.0	28.0	38.0	45.0	-	12	30	0.650
26 8M 20	26	6F	ST	66.21	64.84	71.0	28.0	38.0	50.0	-	12	35	0.800
28 8M 20	28	6F	ST	71.30	70.08	75.0	28.0	38.0	50.0	-	15	35	0.870
30 8M 20	30	6F	ST	76.39	75.13	83.0	28.0	38.0	55.0	-	15	35	10.200
32 8M 20	32	6F	ST	81.49	80.16	87.0	28.0	38.0	60.0	-	15	40	1.200
34 8M 20	34	6F	ST	86.58	85.22	91.0	28.0	38.0	70.0	-	15	45	1.400
36 8M 20	36	6F	ST	91.67	90.30	98.5	28.0	38.0	70.0	-	15	45	1.550
38 8M 20	38	6F	ST	96.77	95.39	103.0	28.0	38.0	75.0	-	15	45	1.650
40 8M 20	40	6F	GG	101.86	100.49	106.0	28.0	38.0	75.0	-	15	45	1.800
44 8M 20	44	6F	GG	112.05	110.67	119.0	28.0	38.0	75.0	-	15	45	2.100
48 8M 20	48	6F	GG	122.23	120.86	127.0	28.0	38.0	75.0	-	15	45	2.440
56 8M 20	56	6WF	GG	142.60	141.23	148.0	28.0	38.0	80.0	117	15	45	2.600
64 8M 20	64	6WF	GG	162.97	161.60	168.0	28.0	38.0	80.0	137	15	45	2.900
72 8M 20	72	6WF	GG	183.35	181.97	192.0	28.0	38.0	80.0	158	15	45	3.100
80 8M 20	80	6A	GG	203.72	202.35	-	28.0	38.0	90.0	180	15	50	3.800
90 8M 20	90	6A	GG	229.18	227.81	-	28.0	38.0	90.0	204	15	50	4.200
112 8M 20	112	6A	GG	285.21	283.83	-	28.0	38.0	90.0	260	18	50	5.200
144 8M 20	144	6A	GG	366.69	365.32	-	28.0	38.0	90.0	341	20	50	7.500
168 8M 20	168	6A	GG	427.81	426.44	-	28.0	38.0	100.0	402	20	55	10.000
192 8M 20	192	6A	GG	488.92	487.55	-	28.0	38.0	100.0	463	20	55	14.400
8M - Pitch 8 mm for belt width 30 mm													
22 8M 30	22	6F	ST	56.02	54.65	60.0	38.0	48.0	43.0	-	12	30	0.690
24 8M 30	24	6F	ST	61.12	59.75	66.0	38.0	48.0	45.0	-	12	30	0.840
26 8M 30	26	6F	ST	66.21	64.84	71.0	38.0	48.0	50.0	-	12	35	1.000
28 8M 30	28	6F	ST	71.30	70.08	75.0	38.0	48.0	50.0	-	15	35	1.120
30 8M 30	30	6F	ST	76.39	75.13	83.0	38.0	48.0	55.0	-	15	35	1.320
32 8M 30	32	6F	ST	81.49	80.16	87.0	38.0	48.0	60.0	-	15	40	1.500
34 8M 30	34	6F	ST	86.58	85.22	91.0	38.0	48.0	70.0	-	15	45	1.800
36 8M 30	36	6F	ST	91.67	90.30	98.5	38.0	48.0	70.0	-	15	45	1.990
38 8M 30	38	6F	ST	96.77	95.39	103.0	38.0	48.0	75.0	-	15	45	2.270
40 8M 30	40	6F	GG	101.86	100.49	106.0	38.0	48.0	75.0	-	15	45	2.400
44 8M 30	44	6F	GG	112.05	110.67	119.0	38.0	48.0	75.0	-	15	45	2.800
48 8M 30	48	6F	GG	122.23	120.86	127.0	38.0	48.0	75.0	-	15	45	3.200
56 8M 30	56	6WF	GG	142.60	141.23	148.0	38.0	48.0	90.0	117	15	50	3.600
64 8M 30	64	6WF	GG	162.97	161.60	168.0	38.0	48.0	90.0	137	15	50	4.300
72 8M 30	72	6WF	GG	183.35	181.97	192.0	38.0	48.0	95.0	158	15	50	4.800
80 8M 30	80	6A	GG	203.72	202.35	-	38.0	48.0	100.0	180	15	55	5.100
90 8M 30	90	6A	GG	229.18	227.81	-	38.0	48.0	100.0	204	15	55	5.700
112 8M 30	112	6A	GG	285.21	283.83	-	38.0	48.0	100.0	260	18	55	6.800
144 8M 30	144	6A	GG	366.69	365.32	-	38.0	48.0	100.0	341	20	55	9.300
168 8M 30	168	6A	GG	427.81	426.44	-	38.0	48.0	100.0	402	20	55	11.400
192 8M 30	192	6A	GG	488.92	487.55	-	38.0	48.0	100.0	463	20	55	16.000



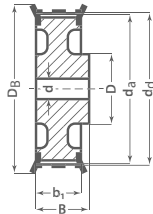
optibelt ZRS HTD Pulleys for Plain Boring
Profile 8M

Description	Number of teeth	Type	Material	d _a (mm)	d _f (mm)	D _b (mm)	b ₁ (mm)	B (mm)	D (mm)	D _i (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Weight (≈kg)
8M - Pitch 8 mm for belt width 50 mm													
22 8M 50	22	6F	ST	56.02	54.65	60.0	60.0	70.0	43.0	-	12	30	1.000
24 8M 50	24	6F	ST	61.12	59.75	66.0	60.0	70.0	45.0	-	12	30	1.200
26 8M 50	26	6F	ST	66.21	64.84	71.0	60.0	70.0	50.0	-	12	35	1.500
28 8M 50	28	6F	ST	71.30	70.08	75.0	60.0	70.0	50.0	-	15	35	1.670
30 8M 50	30	6F	ST	76.39	75.13	83.0	60.0	70.0	55.0	-	15	35	1.970
32 8M 50	32	6F	ST	81.49	80.16	87.0	60.0	70.0	60.0	-	15	40	2.270
34 8M 50	34	6F	ST	86.58	85.22	91.0	60.0	70.0	70.0	-	15	45	2.690
36 8M 50	36	6F	ST	91.67	90.30	98.5	60.0	70.0	70.0	-	15	45	2.970
38 8M 50	38	6F	ST	96.77	95.39	103.0	60.0	70.0	75.0	-	15	45	3.230
40 8M 50	40	6F	GG	101.86	100.49	106.0	60.0	70.0	75.0	-	18	45	3.500
44 8M 50	44	6F	GG	112.05	110.67	119.0	60.0	70.0	75.0	-	18	45	3.900
48 8M 50	48	6F	GG	122.23	120.86	127.0	60.0	70.0	80.0	-	18	45	4.300
56 8M 50	56	10WF	GG	142.60	141.23	148.0	60.0	60.0	90.0	117	18	50	5.000
64 8M 50	64	10WF	GG	162.97	161.60	168.0	60.0	60.0	100.0	137	18	55	5.600
72 8M 50	72	10WF	GG	183.35	181.97	192.0	60.0	60.0	100.0	158	18	55	6.800
80 8M 50	80	10A	GG	203.72	202.35	-	60.0	60.0	110.0	180	18	60	6.900
90 8M 50	90	10A	GG	229.18	227.81	-	60.0	60.0	110.0	204	18	60	8.600
112 8M 50	112	10A	GG	285.21	283.83	-	60.0	60.0	110.0	260	18	60	9.600
144 8M 50	144	10A	GG	366.69	365.32	-	60.0	60.0	110.0	341	20	60	13.800
168 8M 50	168	10A	GG	427.81	426.44	-	60.0	60.0	120.0	402	20	65	16.000
192 8M 50	192	10A	GG	488.92	487.55	-	60.0	60.0	130.0	463	20	70	22.400
8M - Pitch 8 mm for belt width 85 mm													
22 8M 85	22	6F	ST	56.02	54.65	60.0	95.0	105.0	43.0	-	12	30	1.550
24 8M 85	24	6F	ST	61.12	59.75	66.0	95.0	105.0	45.0	-	12	30	1.900
26 8M 85	26	6F	ST	66.21	64.84	71.0	95.0	105.0	50.0	-	12	35	2.250
28 8M 85	28	6F	ST	71.30	70.08	75.0	95.0	105.0	50.0	-	15	35	2.550
30 8M 85	30	6F	ST	76.39	75.13	83.0	95.0	105.0	55.0	-	15	35	3.000
32 8M 85	32	6F	ST	81.49	80.16	87.0	95.0	105.0	60.0	-	15	40	3.570
34 8M 85	34	6F	ST	86.58	85.22	91.0	95.0	105.0	70.0	-	15	45	4.000
36 8M 85	36	6F	ST	91.67	90.30	98.5	95.0	105.0	70.0	-	15	45	4.500
38 8M 85	38	6F	ST	96.77	95.39	103.0	95.0	105.0	75.0	-	15	45	4.900
40 8M 85	40	6F	GG	101.86	100.49	106.0	95.0	105.0	75.0	-	18	45	5.200
44 8M 85	44	6F	GG	112.05	110.67	119.0	95.0	105.0	75.0	-	18	45	6.600
48 8M 85	48	6F	GG	122.23	120.86	127.0	95.0	105.0	80.0	-	18	45	7.600
56 8M 85	56	6F	GG	142.60	141.23	148.0	95.0	105.0	80.0	117	20	50	9.800
64 8M 85	64	10WF	GG	162.97	161.60	168.0	95.0	95.0	100.0	137	20	55	10.400
72 8M 85	72	10WF	GG	183.35	181.97	192.0	95.0	95.0	110.0	158	20	60	11.400
80 8M 85	80	10A	GG	203.72	202.35	-	95.0	95.0	110.0	180	20	60	11.100
90 8M 85	90	10A	GG	229.18	227.81	-	95.0	95.0	110.0	204	20	60	13.200
112 8M 85	112	10A	GG	285.21	283.83	-	95.0	95.0	110.0	260	24	60	16.300
144 8M 85*	144	10A	GG	366.69	365.32	-	95.0	95.0	120.0	341	24	65	21.500
168 8M 85*	168	10A	GG	427.81	426.44	-	95.0	95.0	120.0	402	24	65	26.100
192 8M 85*	192	10A	GG	488.92	487.55	-	95.0	95.0	130.0	463	24	70	30.600

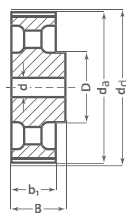
AL = Aluminium ST = Steel GG = Cast iron We reserve the right to make technical changes. * Non stock items.



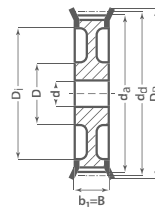
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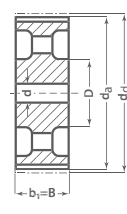
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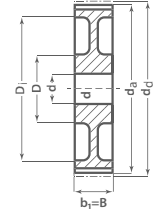
Type 6A



Type 10WF



Type 10A



Type 10W

Description	Number of teeth	Type	Material	d _a (mm)	d _e (mm)	D _B (mm)	b ₁ (mm)	B (mm)	D (mm)	D _i (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Weight (≈kg)
14M - Pitch 14 mm for belt width 40 mm													
28 14M 40	28	6F	GG	124.78	122.12	127.0	54.0	69.0	100.0	-	24	60	4.730
29 14M 40	29	6F	GG	129.23	126.57	138.0	54.0	69.0	100.0	-	24	60	5.090
30 14M 40	30	6F	GG	133.69	130.99	138.0	54.0	69.0	100.0	-	24	60	5.450
32 14M 40	32	6F	GG	142.60	139.88	154.0	54.0	69.0	100.0	-	24	70	6.170
34 14M 40	34	6F	GG	151.52	148.79	160.0	54.0	69.0	100.0	-	24	70	6.880
36 14M 40	36	6F	GG	160.43	157.68	168.0	54.0	69.0	100.0	-	24	70	7.600
38 14M 40	38	6F	GG	169.34	166.60	183.0	54.0	69.0	120.0	-	24	70	8.280
40 14M 40	40	6F	GG	178.25	175.49	188.0	54.0	69.0	120.0	-	24	70	9.260
44 14M 40	44	6F	GG	196.08	193.28	211.0	54.0	69.0	120.0	-	24	70	10.320
48 14M 40	48	6WF	GG	213.90	211.11	226.0	54.0	69.0	135.0	172	24	70	11.500
56 14M 40	56	6WF	GG	249.55	246.76	256.0	54.0	69.0	135.0	207	28	70	13.050
64 14M 40	64	6WF	GG	285.21	282.41	296.0	54.0	69.0	135.0	242	28	70	14.400
72 14M 40	72	6A	GG	320.86	318.06	-	54.0	69.0	135.0	278	28	70	16.900
80 14M 40	80	6A	GG	356.51	353.71	-	54.0	69.0	135.0	314	28	70	18.500
90 14M 40	90	6A	GG	401.07	398.28	-	54.0	69.0	135.0	358	28	70	20.000
112 14M 40*	112	6A	GG	499.11	496.32	-	54.0	69.0	135.0	456	28	70	26.700
144 14M 40*	144	6A	GG	641.71	638.92	-	54.0	69.0	135.0	600	28	70	35.000
168 14M 40*	168	6A	GG	748.66	745.87	-	54.0	69.0	135.0	706	28	70	44.200
192 14M 40*	192	6A	GG	855.62	852.82	-	54.0	69.0	135.0	813	28	70	52.200
216 14M 40*	216	6A	GG	962.57	959.77	-	54.0	69.0	150.0	920	28	80	60.000
14M - Pitch 14 mm for belt width 55 mm													
28 14M 55	28	6F	GG	124.78	122.12	127.0	70.0	85.0	100.0	-	24	60	5.600
29 14M 55	29	6F	GG	129.23	126.57	138.0	70.0	85.0	100.0	-	24	60	6.100
30 14M 55	30	6F	GG	133.69	130.99	138.0	70.0	85.0	100.0	-	24	60	6.600
32 14M 55	32	6F	GG	142.60	139.88	154.0	70.0	85.0	100.0	-	24	70	7.600
34 14M 55	34	6F	GG	151.52	148.79	160.0	70.0	85.0	100.0	-	24	70	8.600
36 14M 55	36	6F	GG	160.43	157.68	168.0	70.0	85.0	100.0	-	24	70	9.600
38 14M 55	38	6F	GG	169.34	166.60	183.0	70.0	85.0	120.0	-	24	70	10.800
40 14M 55	40	6F	GG	178.25	175.49	188.0	70.0	85.0	120.0	-	24	70	11.200
44 14M 55	44	6F	GG	196.08	193.28	211.0	70.0	85.0	120.0	-	24	70	12.500
48 14M 55	48	10WF	GG	213.90	211.11	226.0	70.0	70.0	135.0	172	24	70	13.700
56 14M 55	56	10WF	GG	249.55	246.76	256.0	70.0	70.0	135.0	207	28	70	14.500
64 14M 55	64	10WF	GG	285.21	282.41	296.0	70.0	70.0	135.0	242	28	70	15.600
72 14M 55	72	10A	GG	320.86	318.06	-	70.0	70.0	135.0	278	28	70	18.500
80 14M 55	80	10A	GG	356.51	353.71	-	70.0	70.0	135.0	314	28	70	20.000
90 14M 55	90	10A	GG	401.07	398.28	-	70.0	70.0	135.0	358	28	70	22.600
112 14M 55*	112	10A	GG	499.11	496.32	-	70.0	70.0	135.0	456	28	70	29.500
144 14M 55*	144	10A	GG	641.71	638.92	-	70.0	70.0	135.0	600	28	70	39.000
168 14M 55*	168	10A	GG	748.66	745.87	-	70.0	70.0	135.0	706	28	70	48.500
192 14M 55*	192	10A	GG	855.62	852.82	-	70.0	70.0	135.0	813	28	70	57.800
216 14M 55*	216	10A	GG	962.57	959.77	-	70.0	70.0	150.0	920	28	80	67.000
14M - Pitch 14 mm for belt width 85 mm													
28 14M 85	28	6F	GG	124.78	122.12	127.0	102.0	117.0	100.0	-	24	60	7.700

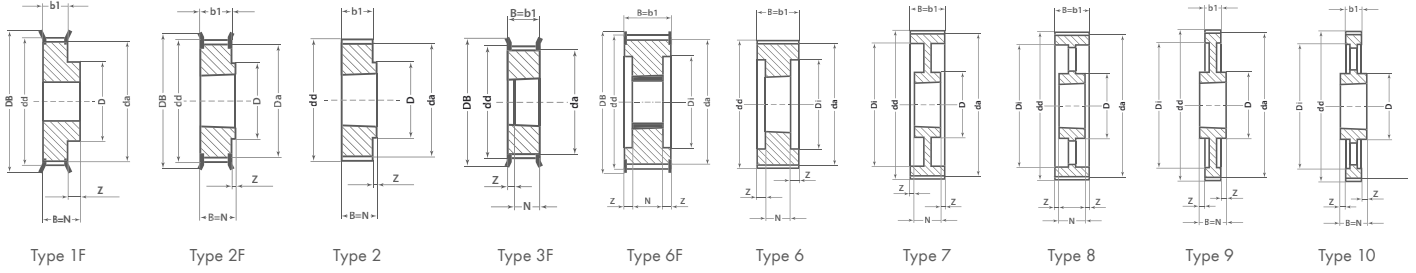


optibelt ZRS HTD Pulleys for Plain Boring Profile 14M

Description	Number of teeth	Type	Material	d _a (mm)	d _e (mm)	D _b (mm)	b ₁ (mm)	B (mm)	D (mm)	D _i (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Weight (=kg)
29 14M 85	29	6F	GG	129.23	126.57	138.0	102.0	117.0	100.0	-	24	60	8.400
30 14M 85	30	6F	GG	133.69	130.99	138.0	102.0	117.0	100.0	-	24	60	9.100
32 14M 85	32	6F	GG	142.60	139.88	154.0	102.0	117.0	100.0	-	24	60	10.500
34 14M 85	34	6F	GG	151.52	148.79	160.0	102.0	117.0	100.0	-	24	70	11.900
36 14M 85	36	6F	GG	160.43	157.68	168.0	102.0	117.0	100.0	-	32	70	13.200
38 14M 85	38	6F	GG	169.34	166.60	183.0	102.0	117.0	120.0	-	32	70	15.150
40 14M 85	40	6F	GG	178.25	175.49	188.0	102.0	117.0	135.0	-	32	70	17.100
44 14M 85	44	6F	GG	196.08	193.28	211.0	102.0	117.0	135.0	-	32	70	23.300
48 14M 85	48	6F	GG	213.90	211.11	226.0	102.0	117.0	150.0	-	32	80	25.000
56 14M 85	56	10WF	GG	249.55	246.76	256.0	102.0	102.0	150.0	207	32	80	25.000
64 14M 85	64	10WF	GG	285.21	282.41	296.0	102.0	102.0	150.0	242	32	80	28.200
72 14M 85	72	10A	GG	320.86	318.06	-	102.0	102.0	150.0	278	32	80	28.800
80 14M 85	80	10A	GG	356.51	353.71	-	102.0	102.0	150.0	314	32	80	30.100
90 14M 85	90	10A	GG	401.07	398.28	-	102.0	102.0	150.0	358	32	80	33.000
112 14M 85*	112	10A	GG	499.11	496.32	-	102.0	102.0	150.0	456	32	80	41.800
144 14M 85*	144	10A	GG	641.71	638.92	-	102.0	102.0	150.0	600	32	80	52.400
168 14M 85*	168	10A	GG	748.66	745.87	-	102.0	102.0	150.0	706	32	80	60.300
192 14M 85*	192	10A	GG	855.62	852.82	-	102.0	102.0	165.0	813	32	90	70.200
216 14M 85*	216	10A	GG	962.57	959.77	-	102.0	102.0	165.0	920	32	90	81.000
14M - Pitch 14 mm for belt width 115 mm													
28 14M 115	28	6F	GG	124.78	122.12	127.0	133.0	148.0	100.0	-	32	60	9.200
29 14M 115	29	6F	GG	129.23	126.57	138.0	133.0	148.0	100.0	-	32	60	10.200
30 14M 115	30	6F	GG	133.69	130.99	138.0	133.0	148.0	100.0	-	32	60	11.200
32 14M 115	32	6F	GG	142.60	139.88	154.0	133.0	148.0	100.0	-	32	60	13.200
34 14M 115	34	6F	GG	151.52	148.79	160.0	133.0	148.0	100.0	-	32	70	14.800
36 14M 115	36	6F	GG	160.43	157.68	168.0	133.0	148.0	120.0	-	32	70	16.600
38 14M 115	38	6F	GG	169.34	166.60	183.0	133.0	148.0	120.0	-	32	70	19.200
40 14M 115	40	6F	GG	178.25	175.49	188.0	133.0	148.0	135.0	-	32	70	22.100
44 14M 115	44	6F	GG	196.08	193.28	211.0	133.0	148.0	140.0	-	32	80	28.000
48 14M 115	48	6F	GG	213.90	211.11	226.0	133.0	148.0	150.0	-	32	80	35.000
56 14M 115	56	6F	GG	249.55	246.76	256.0	133.0	148.0	150.0	-	32	80	44.200
64 14M 115	64	10WF	GG	285.21	282.41	296.0	133.0	133.0	150.0	242	32	80	36.800
72 14M 115	72	10A	GG	320.86	318.06	-	133.0	133.0	150.0	278	32	80	36.100
80 14M 115	80	10A	GG	356.51	353.71	-	133.0	133.0	150.0	314	32	80	38.600
90 14M 115	90	10A	GG	401.07	398.28	-	133.0	133.0	150.0	358	32	80	41.000
112 14M 115*	112	10A	GG	499.11	496.32	-	133.0	133.0	150.0	456	32	80	54.400
144 14M 115*	144	10A	GG	641.71	638.92	-	133.0	133.0	165.0	600	32	90	67.800
168 14M 115*	168	10A	GG	748.66	745.87	-	133.0	133.0	165.0	706	32	90	75.800
192 14M 115*	192	10A	GG	855.62	852.82	-	133.0	133.0	165.0	813	32	90	88.300
216 14M 115*	216	10A	GG	962.57	959.77	-	133.0	133.0	165.0	920	32	90	98.000
14M - Pitch 14 mm for belt width 170 mm													
28 14M 170*	28	6F	GG	124.78	122.12	127.0	187.0	202.0	100.0	-	32	60	13.800
29 14M 170*	29	6F	GG	129.23	126.57	138.0	187.0	202.0	100.0	-	32	60	14.200
30 14M 170*	30	6F	GG	133.69	130.99	138.0	187.0	202.0	100.0	-	32	60	15.600
32 14M 170*	32	6F	GG	142.60	139.88	154.0	187.0	202.0	100.0	-	32	60	18.100
34 14M 170*	34	6F	GG	151.52	148.79	160.0	187.0	202.0	100.0	-	32	60	20.400
36 14M 170*	36	6F	GG	160.43	157.68	168.0	187.0	202.0	120.0	-	32	70	23.500
38 14M 170*	38	6F	GG	169.34	166.60	183.0	187.0	202.0	135.0	-	32	70	26.500
40 14M 170*	40	6F	GG	178.25	175.49	188.0	187.0	202.0	140.0	-	32	85	30.100
44 14M 170*	44	6F	GG	196.08	193.28	211.0	187.0	202.0	160.0	-	32	85	37.800
48 14M 170*	48	6F	GG	213.90	211.11	226.0	187.0	202.0	160.0	-	32	85	44.500



optibelt ZRS DELTA CHAIN Pulleys for Taper Bushings Profile 8MDC



Description	Number of teeth	Type	Material	d_s (mm)	d_a (mm)	D_B (mm)	b_1 (mm)	B (mm)	N (mm)	D (mm)	D_i (mm)	Z (mm)	Taper bushing	Weight without bushing (≈kg)	
8MDC															
8MDC 12 TB 25	25	2F	ST	63.66	62.06	70.0	20.0	22.0	22.0	49	-	-	1108	0.300	
8MDC 12 TB 28	28	2F	ST	71.30	69.70	79.0	20.0	22.0	22.0	59	-	-	1108	0.400	
8MDC 12 TB 30	30	2F	ST	76.39	74.79	86.0	20.0	25.0	25.0	66	-	-	1210	0.400	
8MDC 12 TB 32	32	2F	ST	81.49	79.89	90.0	20.0	25.0	25.0	66	-	-	1610	0.400	
8MDC 12 TB 34	34	2F	ST	86.58	84.98	95.0	20.0	25.0	25.0	70	-	-	1610	0.500	
8MDC 12 TB 36	36	2F	ST	91.67	90.07	98.0	20.0	25.0	25.0	78	-	-	1610	0.600	
8MDC 12 TB 38	38	2F	ST	96.77	95.17	106.0	20.0	25.0	25.0	80	-	-	1610	0.700	
8MDC 12 TB 40	40	2F	ST	101.86	100.26	111.0	20.0	25.0	25.0	85	-	-	1610	0.900	
8MDC 12 TB 45	45	2F	ST	114.59	112.99	119.0	20.0	32.0	32.0	92	-	-	2012	1.100	
8MDC 12 TB 48	48	2F	ST	122.23	120.63	135.0	20.0	32.0	32.0	104	-	-	2012	1.500	
8MDC 12 TB 50	50	2F	ST	127.32	125.72	135.0	20.0	32.0	32.0	104	-	-	2012	1.600	
8MDC 12 TB 56	56	2F	ST	142.60	141.00	151.0	20.0	32.0	32.0	104	-	-	2012	2.100	
8MDC 12 TB 60	60	2F	ST	152.79	151.19	159.0	20.0	32.0	32.0	111	-	-	2012	2.400	
8MDC 12 TB 64	64	2F	ST	162.97	161.37	168.0	20.0	32.0	32.0	111	-	-	2012	2.700	
8MDC 12 TB 75	75	2	GG	190.99	189.39	-	20.0	32.0	32.0	111	-	-	2012	4.600	
8MDC 12 TB 80	80	2	GG	203.72	202.12	-	20.0	32.0	32.0	111	-	-	2012	5.100	
8MDC 12 TB 90	90	2	GG	229.18	227.58	-	20.0	-	-	111	-	-	2012	6.400	
8MDC 21 TB 25	25	3F	ST	63.66	62.06	70.0	30.0	30.0	22.0	-	-	8.0	1108	0.400	
8MDC 21 TB 28	28	3F	ST	71.30	69.70	79.0	30.0	30.0	25.0	-	-	5.0	1210	0.400	
8MDC 21 TB 30	30	3F	ST	76.39	74.79	86.0	30.0	30.0	25.0	-	-	5.0	1210	0.600	
8MDC 21 TB 32	32	3F	ST	81.49	79.89	90.0	30.0	30.0	25.0	-	-	5.0	1610	0.500	
8MDC 21 TB 34	34	3F	ST	86.58	84.98	95.0	30.0	30.0	25.0	-	-	5.0	1610	0.600	
8MDC 21 TB 36	36	3F	ST	91.67	90.07	98.0	30.0	30.0	25.0	-	-	5.0	1610	0.700	
8MDC 21 TB 38	38	3F	ST	96.77	95.17	106.0	30.0	30.0	25.0	-	-	5.0	1610	1.000	
8MDC 21 TB 40	40	3F	ST	101.86	100.26	111.0	30.0	30.0	25.0	-	-	5.0	1610	1.100	
8MDC 21 TB 45	45	2F	ST	114.59	112.99	119.0	30.0	32.0	32.0	92	-	-	2012	1.300	
8MDC 21 TB 48	48	2F	ST	122.23	120.63	135.0	30.0	32.0	32.0	104	-	-	2012	1.600	
8MDC 21 TB 50	50	2F	ST	127.32	125.72	135.0	30.0	32.0	32.0	104	-	-	2012	1.900	
8MDC 21 TB 56	56	2F	ST	142.60	141.00	151.0	30.0	32.0	32.0	111	-	-	2012	2.400	
8MDC 21 TB 60	60	2F	ST	152.79	151.19	159.0	30.0	45.0	45.0	124	-	-	2517	3.200	
8MDC 21 TB 64	64	2F	ST	162.97	161.37	168.0	30.0	45.0	45.0	124	-	-	2517	3.800	
8MDC 21 TB 75	75	2	GG	190.99	189.39	-	30.0	45.0	45.0	124	-	-	2517	6.800	
8MDC 21 TB 80	80	2	GG	203.72	202.12	-	30.0	45.0	45.0	124	-	-	2517	7.600	
8MDC 21 TB 90	90	9	GG	229.18	227.58	-	30.0	45.0	45.0	124	198	7.5	2517	8.600	
8MDC 21 TB 112	112	9	GG	285.21	283.61	-	30.0	45.0	45.0	124	253	7.5	2517	12.500	
8MDC 21 TB 140	140	10	GG	356.51	354.91	-	30.0	51.0	51.0	150	324	10.5	3020	12.800	
8MDC 36 TB 28	28	3F	ST	71.30	69.70	79.0	45.0	45.0	25.0	-	-	20.0	1210	0.700	
8MDC 36 TB 30	30	3F	ST	76.39	74.79	86.0	45.0	45.0	25.0	-	-	20.0	1610	0.600	
8MDC 36 TB 32	32	3F	ST	81.89	79.89	90.0	45.0	45.0	25.0	-	-	20.0	1610	0.800	
8MDC 36 TB 34	34	3F	ST	86.58	84.98	95.0	45.0	45.0	25.0	-	-	20.0	1610	1.000	
8MDC 36 TB 36	36	3F	ST	91.67	90.07	98.0	45.0	45.0	25.0	-	-	20.0	1610	1.200	
8MDC 36 TB 38	38	3F	ST	96.77	95.17	106.0	45.0	45.0	25.0	-	-	20.0	1610	1.400	
8MDC 36 TB 40	40	3F	ST	101.86	100.26	111.0	45.0	45.0	32.0	-	-	13.0	2012	1.400	

optibelt ZRS DELTA CHAIN Pulleys for Taper Bushings
Profile 8MDC



Description	Number of teeth	Type	Material	d _d (mm)	d _e (mm)	D _s (mm)	b ₁ (mm)	B (mm)	N (mm)	D (mm)	D _i (mm)	Z (mm)	Taper bushing	Weight without bushing (=kg)
8MDC 36 TB 45	45	3F	ST	114.59	112.99	120.0	45.0	45.0	32.0	-	-	13.0	2012	1.900
8MDC 36 TB 48	48	3F	ST	122.23	120.63	128.0	45.0	45.0	32.0	-	-	13.0	2012	2.200
8MDC 36 TB 50	50	3F	ST	127.32	125.72	128.0	45.0	45.0	32.0	-	-	13.0	2012	2.700
8MDC 36 TB 56	56	3F	ST	142.60	141.00	150.0	45.0	45.0	45.0	-	-	-	2517	3.000
8MDC 36 TB 60	60	3F	ST	152.79	151.19	158.0	45.0	45.0	45.0	-	-	-	2517	3.800
8MDC 36 TB 64	64	3F	ST	162.97	161.37	168.0	45.0	45.0	45.0	-	-	-	2517	4.500
8MDC 36 TB 75	75	2	GG	190.99	189.39	-	45.0	51.0	51.0	150	-	-	3020	8.700
8MDC 36 TB 80	80	2	GG	203.72	202.12	-	45.0	51.0	51.0	150	-	-	3020	10.000
8MDC 36 TB 90	90	9	GG	229.18	227.58	-	45.0	51.0	51.0	150	197	3.0	3020	10.400
8MDC 36 TB 112	112	9	GG	285.21	283.61	-	45.0	51.0	51.0	150	253	3.0	3020	14.000
8MDC 36 TB 140	140	10	GG	356.51	354.91	-	45.0	51.0	51.0	150	324	3.0	3020	12.000
8MDC 36 TB 168	168	10	GG	427.81	426.21	-	45.0	65.0	65.0	198	396	10.0	3525	23.900
8MDC 36 TB 192	192	10	GG	488.92	487.32	-	45.0	65.0	65.0	198	457	10.0	3525	26.600
8MDC 62 TB 40	40	3F	ST	101.86	100.26	106.0	72.0	72.0	32.0	-	-	40.0	2012	2.100
8MDC 62 TB 45	45	3F	ST	114.59	112.99	120.0	72.0	72.0	32.0	-	-	40.0	2012	3.300
8MDC 62 TB 48	48	3F	ST	122.23	120.63	128.0	72.0	72.0	45.0	-	-	27.0	2517	3.900
8MDC 62 TB 50	50	3F	ST	127.32	125.72	135.0	72.0	72.0	45.0	-	-	27.0	2517	4.700
8MDC 62 TB 56	56	6F	ST	142.60	141.00	151.0	72.0	45.0	45.0	-	111	13.5	2517	5.500
8MDC 62 TB 60	60	6F	ST	152.79	151.19	159.0	72.0	45.0	45.0	-	121	13.5	2517	6.400
8MDC 62 TB 64	64	6F	ST	162.97	161.37	168.0	72.0	45.0	45.0	-	131	13.5	2517	7.200
8MDC 62 TB 75	75	6	GG	190.99	189.39	-	72.0	72.0	51.0	-	159	10.5	3020	10.000
8MDC 62 TB 80	80	6	GG	203.72	202.12	-	72.0	72.0	51.0	-	172	10.5	3020	11.500
8MDC 62 TB 90	90	6	GG	229.18	227.58	-	72.0	72.0	51.0	-	197	10.5	3020	15.000
8MDC 62 TB 112	112	7	GG	285.21	283.61	-	72.0	72.0	51.0	150	253	10.5	3020	15.000
8MDC 62 TB 140	140	7	GG	356.51	354.91	-	72.0	72.0	65.0	198	324	3.5	3525	24.800
8MDC 62 TB 168	168	8	GG	427.81	426.21	-	72.0	72.0	65.0	198	396	3.5	3525	28.400
8MDC 62 TB 192	192	8	GG	488.92	487.32	-	72.0	72.0	65.0	198	457	3.5	3525	32.200

Taper bushing	1008	1108	1210	1610	2012	2517	3020	3525
Bore d ₂ (mm) from... to...	10-25	10-28	11-32	14-42	14-50	16-60	25-75	35-90

GG = Cast iron ST = Steel We reserve the right to make technical changes. * Non stock items.
 Bore diameters d₂ see page 4.

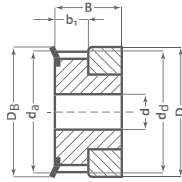
optibelt ZRS DELTA CHAIN Pulleys for Plain Boring
Profile 8MDC

Description	Number of teeth	Type	Material	d _d (mm)	d _e (mm)	D _s (mm)	b ₁ (mm)	B (mm)	N (mm)	D (mm)	Weight (=kg)
8MDC											
8MDC 12 22	22	1F	ST	56.02	54.42	60.0	20.0	30.0	30.0	43	0.500
8MDC 21 22	22	1F	ST	56.02	54.42	60.0	30.0	40.0	40.0	43	0.600
8MDC 36 25	25	1F	ST	63.66	62.06	70.0	45.0	55.0	55.0	49	1.100
8MDC 62 30	30	1F	ST	76.39	74.79	83.0	72.0	84.0	84.0	62	2.500
8MDC 62 32	32	1F	ST	81.49	79.89	87.0	72.0	84.0	84.0	65	2.800
8MDC 62 34	34	1F	ST	86.58	84.98	91.0	72.0	84.0	84.0	70	3.000
8MDC 62 36	36	1F	ST	91.67	90.07	97.0	72.0	84.0	84.0	75	3.400
8MDC 62 38	38	1F	ST	96.77	95.17	102.0	72.0	84.0	84.0	75	3.800

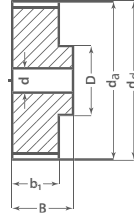
GG = Cast iron ST = Steel We reserve the right to make technical changes. * Non stock items.



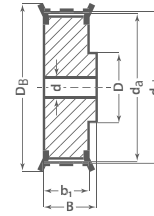
optibelt ZRS Metric Timing Belt Pulleys for Plain Boring Profile T2,5



Type 1F



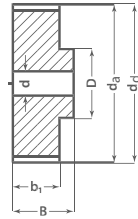
Type 6



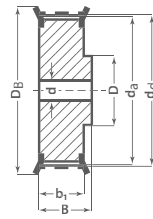
Type 6F

Description	Number of teeth	Type	Material	d _d (mm)	d _a (mm)	D _B (mm)	b ₁ (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Weight (≈kg)
T2,5 - Pitch 2,5 mm for belt width 4 and 6 mm												
16 T2,5 / 12-2	12	1F	AL	9.55	9.00	13.0	9.0	16.0	12.0	-	3	0.003
16 T2,5 / 14-2	14	1F	AL	11.14	10.60	15.0	9.0	16.0	14.0	-	4	0.004
16 T2,5 / 15-2	15	1F	AL	11.94	11.40	15.0	9.0	16.0	15.0	-	4	0.005
16 T2,5 / 16-2	16	1F	AL	12.73	12.20	16.0	9.0	16.0	16.0	-	5	0.005
16 T2,5 / 18-2	18	6F	AL	14.32	13.80	17.5	10.0	16.0	9.5	4	6	0.006
16 T2,5 / 19-2	19	6F	AL	15.12	14.60	18.0	10.0	16.0	9.5	4	6	0.007
16 T2,5 / 20-2	20	6F	AL	15.92	15.40	19.5	10.0	16.0	10.0	4	6	0.008
16 T2,5 / 22-2	22	6F	AL	17.51	17.00	23.0	10.0	16.0	10.0	4	6	0.009
16 T2,5 / 24-2	24	6F	AL	19.10	18.50	23.0	10.0	16.0	12.0	4	6	0.012
16 T2,5 / 25-2	25	6F	AL	19.90	19.35	23.0	10.0	16.0	12.0	4	8	0.013
16 T2,5 / 26-2	26	6F	AL	20.70	20.15	25.0	10.0	16.0	13.0	4	8	0.014
16 T2,5 / 28-2	28	6F	AL	22.28	21.75	25.0	10.0	16.0	13.0	4	8	0.016
16 T2,5 / 30-2	30	6F	AL	23.87	23.35	28.0	10.0	16.0	16.0	6	10	0.018
16 T2,5 / 32-2	32	6F	AL	25.47	24.95	32.0	10.0	16.0	16.0	6	10	0.020
16 T2,5 / 36-2	36	6F	AL	28.65	28.10	36.0	10.0	16.0	20.0	6	12	0.026
16 T2,5 / 40-2	40	6F	AL	31.83	31.30	38.0	10.0	16.0	20.0	6	12	0.032
16 T2,5 / 44-2	44	6F	AL	35.02	34.50	42.0	10.0	16.0	24.0	6	14	0.040
16 T2,5 / 48-0	48	6	AL	38.20	37.70	-	10.0	16.0	26.0	6	15	0.048
16 T2,5 / 60-0	60	6	AL	47.75	47.25	-	10.0	16.0	34.0	8	18	0.073

AL = Aluminium We reserve the right to make technical changes.



Type 6



Type 6F

Description	Number of teeth	Type	Material	d _d (mm)	d _o (mm)	D _B (mm)	b ₁ (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Weight (≈kg)
T5 - Pitch 5 mm for belt width 10 mm												
21 T5 / 10-2	10	6F	AL	15.92	15.05	19.5	15.0	21.0	8.0	-	5	0.012
21 T5 / 12-2	12	6F	AL	19.01	18.25	23.0	15.0	21.0	10.0	-	6	0.016
21 T5 / 14-2	14	6F	AL	22.29	21.45	25.0	15.0	21.0	13.0	-	8	0.019
21 T5 / 15-2	15	6F	AL	23.88	23.05	28.0	15.0	21.0	16.0	6	10	0.021
21 T5 / 16-2	16	6F	AL	25.47	24.60	32.0	15.0	21.0	18.0	6	11	0.025
21 T5 / 18-2	18	6F	AL	28.65	27.80	32.0	15.0	21.0	19.0	6	12	0.031
21 T5 / 19-2	19	6F	AL	30.25	29.40	36.0	15.0	21.0	22.0	6	12	0.036
21 T5 / 20-2	20	6F	AL	31.83	31.00	36.0	15.0	21.0	23.0	6	14	0.038
21 T5 / 22-2	22	6F	AL	35.12	34.25	38.0	15.0	21.0	24.0	6	15	0.046
21 T5 / 24-2	24	6F	AL	38.21	37.40	42.0	15.0	21.0	26.0	6	15	0.054
21 T5 / 25-2	25	6F	AL	39.80	39.00	44.0	15.0	21.0	26.0	6	15	0.058
21 T5 / 26-2	26	6F	AL	41.47	40.60	44.0	15.0	21.0	26.0	6	16	0.062
21 T5 / 27-2	27	6F	AL	42.98	42.20	48.0	15.0	21.0	30.0	8	18	0.064
21 T5 / 28-2	28	6F	AL	44.62	43.75	48.0	15.0	21.0	32.0	8	18	0.071
21 T5 / 30-2	30	6F	AL	47.76	46.95	51.0	15.0	21.0	34.0	8	18	0.075
21 T5 / 32-2	32	6F	AL	50.94	50.10	54.0	15.0	21.0	38.0	8	22	0.088
21 T5 / 36-2	36	6F	AL	57.31	56.45	63.0	15.0	21.0	38.0	8	22	0.114
21 T5 / 40-2	40	6F	AL	63.66	62.85	66.0	15.0	21.0	40.0	8	23	0.138
21 T5 / 42-2	42	6F	AL	66.87	66.00	71.0	15.0	21.0	40.0	8	24	0.180
21 T5 / 44-0	44	6	AL	70.07	69.20	-	15.0	21.0	45.0	8	26	0.185
21 T5 / 48-0	48	6	AL	76.42	75.55	-	15.0	21.0	50.0	8	28	0.200
21 T5 / 60-0	60	6	AL	95.52	94.65	-	15.0	21.0	65.0	8	35	0.307
T5 - Pitch 5 mm for belt width 16 mm												
27 T5 / 10-2	10	6F	AL	15.92	15.05	19.5	21.0	27.0	8.0	-	5	0.016
27 T5 / 12-2	12	6F	AL	19.01	18.25	23.0	21.0	27.0	10.0	-	6	0.022
27 T5 / 14-2	14	6F	AL	22.29	21.45	25.0	21.0	27.0	13.0	-	8	0.026
27 T5 / 15-2	15	6F	AL	23.88	23.05	28.0	21.0	27.0	16.0	6	10	0.029
27 T5 / 16-2	16	6F	AL	25.47	24.60	32.0	21.0	27.0	18.0	6	11	0.035
27 T5 / 18-2	18	6F	AL	28.65	27.80	32.0	21.0	27.0	19.0	6	12	0.043
27 T5 / 19-2	19	6F	AL	30.25	29.40	36.0	21.0	27.0	22.0	6	12	0.049
27 T5 / 20-2	20	6F	AL	31.83	31.00	36.0	21.0	27.0	23.0	6	14	0.053
27 T5 / 22-2	22	6F	AL	35.12	34.25	38.0	21.0	27.0	24.0	6	15	0.054
27 T5 / 24-2	24	6F	AL	38.21	37.40	42.0	21.0	27.0	26.0	6	15	0.076
27 T5 / 25-2	25	6F	AL	39.80	39.00	44.0	21.0	27.0	26.0	6	15	0.081
27 T5 / 26-2	26	6F	AL	41.47	40.60	44.0	21.0	27.0	26.0	6	16	0.085
27 T5 / 27-2	27	6F	AL	42.98	42.20	48.0	21.0	27.0	30.0	8	18	0.090
27 T5 / 28-2	28	6F	AL	44.62	43.75	48.0	21.0	27.0	32.0	8	18	0.092
27 T5 / 30-2	30	6F	AL	47.76	46.95	51.0	21.0	27.0	34.0	8	18	0.105
27 T5 / 32-2	32	6F	AL	50.94	50.10	54.0	21.0	27.0	38.0	8	22	0.123
27 T5 / 36-2	36	6F	AL	57.31	56.45	63.0	21.0	27.0	38.0	8	22	0.160
27 T5 / 40-2	40	6F	AL	63.66	62.85	66.0	21.0	27.0	40.0	8	23	0.193
27 T5 / 42-2	42	6F	AL	66.87	66.00	71.0	21.0	27.0	40.0	8	24	0.205
27 T5 / 44-0	44	6	AL	70.07	69.20	-	21.0	27.0	45.0	8	26	0.228

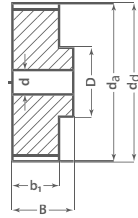


optibelt ZRS Metric Timing Belt Pulleys for Plain Boring Profile T5

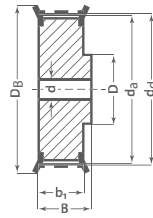
Description	Number of teeth	Type	Material	d _o (mm)	d _e (mm)	D _o (mm)	b ₁ (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Weight (≈kg)
27 T5 / 48-0	48	6	AL	76.42	75.55	-	21.0	27.0	50.0	8	28	0.280
27 T5 / 60-0	60	6	AL	95.52	94.65	-	21.0	27.0	65.0	8	35	0.430
T5 - Pitch 5 mm for belt width 25 mm												
36 T5 / 10-2	10	6F	AL	15.92	15.05	19.5	30.0	36.0	8.0	-	5	0.023
36 T5 / 12-2	12	6F	AL	19.01	18.25	23.0	30.0	36.0	10.0	-	6	0.031
36 T5 / 14-2	14	6F	AL	22.29	21.45	25.0	30.0	36.0	13.0	-	8	0.037
36 T5 / 15-2	15	6F	AL	23.88	23.05	28.0	30.0	36.0	16.0	6	10	0.041
36 T5 / 16-2	16	6F	AL	25.47	24.60	32.0	30.0	36.0	18.0	6	11	0.050
36 T5 / 18-2	18	6F	AL	28.65	27.80	32.0	30.0	36.0	19.0	6	12	0.061
36 T5 / 19-2	19	6F	AL	30.25	29.40	36.0	30.0	36.0	22.0	6	12	0.070
36 T5 / 20-2	20	6F	AL	31.83	31.00	36.0	30.0	36.0	23.0	6	14	0.076
36 T5 / 22-2	22	6F	AL	35.12	34.25	38.0	30.0	36.0	24.0	6	15	0.080
36 T5 / 24-2	24	6F	AL	38.21	37.40	42.0	30.0	36.0	26.0	8	15	0.109
36 T5 / 25-2	25	6F	AL	39.80	39.00	44.0	30.0	36.0	26.0	8	15	0.116
36 T5 / 26-2	26	6F	AL	41.47	40.60	44.0	30.0	36.0	26.0	8	16	0.120
36 T5 / 27-2	27	6F	AL	42.98	42.20	48.0	30.0	36.0	30.0	8	18	0.128
36 T5 / 28-2	28	6F	AL	44.62	43.75	48.0	30.0	36.0	32.0	8	18	0.135
36 T5 / 30-2	30	6F	AL	47.76	46.95	51.0	30.0	36.0	34.0	8	18	0.150
36 T5 / 32-2	32	6F	AL	50.94	50.10	54.0	30.0	36.0	38.0	8	22	0.176
36 T5 / 36-2	36	6F	AL	57.31	56.45	63.0	30.0	36.0	38.0	8	22	0.230
36 T5 / 40-2	40	6F	AL	63.66	62.85	66.0	30.0	36.0	40.0	8	23	0.273
36 T5 / 42-2	42	6F	AL	66.87	66.00	71.0	30.0	36.0	40.0	8	24	0.284
36 T5 / 44-0	44	6	AL	70.07	69.20	-	30.0	36.0	45.0	8	26	0.315
36 T5 / 48-0	48	6	AL	76.42	75.55	-	30.0	36.0	50.0	8	28	0.400
36 T5 / 60-0	60	6	AL	95.52	94.65	-	30.0	36.0	65.0	8	35	0.614

AL = Aluminium We reserve the right to make technical changes.





Type 6



Type 6F

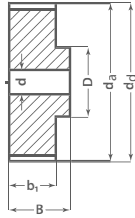
Description	Number of teeth	Type	Material	d_d (mm)	d_o (mm)	D_B (mm)	b_1 (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d_{max} (mm)	Weight (≈kg)
T10 - Pitch 10 mm for belt width 16 mm												
31 T10 / 12-2	12	6F	AL	38.20	36.35	42.0	21.0	31.0	28.0	6	16	0.076
31 T10 / 14-2	14	6F	AL	44.56	42.70	48.0	21.0	31.0	32.0	8	18	0.104
31 T10 / 15-2	15	6F	AL	47.75	45.90	51.0	21.0	31.0	32.0	8	18	0.116
31 T10 / 16-2	16	6F	AL	50.93	49.05	54.0	21.0	31.0	35.0	8	20	0.134
31 T10 / 18-2	18	6F	AL	57.29	55.45	60.0	21.0	31.0	40.0	8	22	0.167
31 T10 / 19-2	19	6F	AL	60.48	58.60	66.0	21.0	31.0	44.0	8	22	0.184
31 T10 / 20-2	20	6F	AL	63.66	61.80	66.0	21.0	31.0	46.0	8	24	0.208
31 T10 / 22-2	22	6F	AL	70.03	68.15	75.0	21.0	31.0	52.0	8	28	0.253
31 T10 / 24-2	24	6F	AL	76.39	74.55	83.0	21.0	31.0	58.0	8	30	0.288
31 T10 / 25-2	25	6F	AL	79.58	77.70	83.0	21.0	31.0	60.0	8	30	0.310
31 T10 / 26-2	26	6F	AL	82.76	80.90	87.0	21.0	31.0	60.0	8	30	0.357
31 T10 / 27-2	27	6F	AL	85.95	84.10	91.0	21.0	31.0	60.0	8	30	0.364
31 T10 / 28-2	28	6F	AL	89.13	87.25	93.0	21.0	31.0	60.0	8	30	0.401
31 T10 / 30-2	30	6F	AL	95.49	93.65	97.0	21.0	31.0	60.0	8	30	0.441
31 T10 / 32-2	32	6F	AL	101.86	100.00	106.0	21.0	31.0	65.0	10	32	0.493
31 T10 / 36-2	36	6F	AL	114.59	112.75	119.0	21.0	31.0	70.0	10	35	0.623
31 T10 / 40-2	40	6F	AL	127.32	125.45	131.0	21.0	31.0	80.0	10	40	0.767
31 T10 / 44-0	44	6	AL	140.06	138.20	-	21.0	31.0	88.0	10	46	0.993
31 T10 / 48-0	48	6	AL	152.78	150.95	-	21.0	31.0	95.0	16	48	1.090
31 T10 / 60-0	60	6	AL	190.98	189.10	-	21.0	31.0	110.0	16	60	1.710
T10 - Pitch 10 mm for belt width 25 mm												
40 T10 / 12-2	12	6F	AL	38.20	36.35	42.0	30.0	40.0	28.0	6	16	0.099
40 T10 / 14-2	14	6F	AL	44.56	42.70	48.0	30.0	40.0	32.0	8	18	0.134
40 T10 / 15-2	15	6F	AL	47.75	45.90	51.0	30.0	40.0	32.0	8	18	0.152
40 T10 / 16-2	16	6F	AL	50.93	49.05	54.0	30.0	40.0	35.0	8	20	0.176
40 T10 / 18-2	18	6F	AL	57.29	55.45	60.0	30.0	40.0	40.0	8	22	0.224
40 T10 / 19-2	19	6F	AL	60.48	58.60	66.0	30.0	40.0	44.0	8	22	0.247
40 T10 / 20-2	20	6F	AL	63.66	61.80	66.0	30.0	40.0	46.0	8	24	0.276
40 T10 / 22-2	22	6F	AL	70.03	68.15	75.0	30.0	40.0	52.0	8	28	0.337
40 T10 / 24-2	24	6F	AL	76.39	74.55	83.0	30.0	40.0	58.0	8	30	0.392
40 T10 / 25-2	25	6F	AL	79.58	77.70	83.0	30.0	40.0	60.0	8	30	0.422
40 T10 / 26-2	26	6F	AL	82.76	80.90	87.0	30.0	40.0	60.0	8	30	0.477
40 T10 / 27-2	27	6F	AL	85.95	84.10	91.0	30.0	40.0	60.0	8	30	0.536
40 T10 / 28-2	28	6F	AL	89.13	87.25	93.0	30.0	40.0	60.0	8	30	0.540
40 T10 / 30-2	30	6F	AL	95.49	93.65	97.0	30.0	40.0	60.0	8	30	0.640
40 T10 / 32-2	32	6F	AL	101.86	100.00	106.0	30.0	40.0	65.0	10	32	0.693
40 T10 / 36-2	36	6F	AL	114.59	112.75	119.0	30.0	40.0	70.0	10	35	0.873
40 T10 / 40-2	40	6F	AL	127.32	125.45	131.0	30.0	40.0	80.0	10	40	1.067
40 T10 / 44-0	44	6	AL	140.06	138.20	-	30.0	40.0	88.0	10	46	1.350
40 T10 / 48-0	48	6	AL	152.78	150.95	-	30.0	40.0	95.0	16	48	1.516
40 T10 / 60-0	60	6	AL	190.98	189.10	-	30.0	40.0	110.0	16	60	2.339
T10 - Pitch 10 mm for belt width 32 mm												
47 T10 / 18-2	18	6F	AL	57.29	55.45	60.0	37.0	47.0	40.0	10	22	0.253



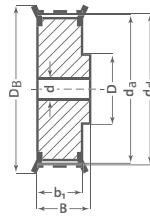
optibelt ZRS Metric Timing Belt Pulleys for Plain Boring Profile T10

Description	Number of teeth	Type	Material	d _j (mm)	d _e (mm)	D _b (mm)	b ₁ (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Weight (≈kg)
47 T10 / 19-2	19	6F	AL	60.48	58.60	66.0	37.0	47.0	44.0	10	22	0.286
47 T10 / 20-2	20	6F	AL	63.66	61.80	66.0	37.0	47.0	46.0	12	24	0.322
47 T10 / 22-2	22	6F	AL	70.03	68.15	75.0	37.0	47.0	52.0	12	28	0.393
47 T10 / 24-2	24	6F	AL	76.39	74.55	83.0	37.0	47.0	58.0	12	30	0.475
47 T10 / 25-2	25	6F	AL	79.58	77.70	83.0	37.0	47.0	60.0	12	30	0.527
47 T10 / 26-2	26	6F	AL	82.76	80.90	87.0	37.0	47.0	60.0	12	30	0.564
47 T10 / 27-2	27	6F	AL	85.95	84.10	91.0	37.0	47.0	60.0	12	30	0.602
47 T10 / 28-2	28	6F	AL	89.13	87.25	93.0	37.0	47.0	60.0	12	30	0.642
47 T10 / 30-2	30	6F	AL	95.49	93.65	97.0	37.0	47.0	60.0	12	30	0.740
47 T10 / 32-2	32	6F	AL	101.86	100.00	106.0	37.0	47.0	65.0	12	32	0.844
47 T10 / 36-2	36	6F	AL	114.59	112.75	119.0	37.0	47.0	70.0	16	35	1.083
47 T10 / 40-2	40	6F	AL	127.32	125.45	131.0	37.0	47.0	80.0	16	40	1.317
47 T10 / 44-0	44	6	AL	140.06	138.20	-	37.0	47.0	88.0	16	46	1.611
47 T10 / 48-0	48	6	AL	152.78	150.95	-	37.0	47.0	95.0	16	48	1.931
47 T10 / 60-0	60	6	AL	190.98	189.10	-	37.0	47.0	110.0	16	60	3.004
T10 - Pitch 10 mm for belt width 50 mm												
66 T10 / 18-2	18	6F	AL	57.29	55.45	60.0	56.0	66.0	40.0	10	22	0.422
66 T10 / 19-2	19	6F	AL	60.48	58.60	66.0	56.0	66.0	44.0	10	22	0.466
66 T10 / 20-2	20	6F	AL	63.66	61.80	66.0	56.0	66.0	46.0	12	24	0.520
66 T10 / 22-2	22	6F	AL	70.03	68.15	75.0	56.0	66.0	52.0	12	28	0.570
66 T10 / 24-2	24	6F	AL	76.39	74.55	83.0	56.0	66.0	58.0	12	30	0.736
66 T10 / 25-2	25	6F	AL	79.58	77.70	83.0	56.0	66.0	60.0	12	30	0.766
66 T10 / 26-2	26	6F	AL	82.76	80.90	87.0	56.0	66.0	60.0	12	30	0.816
66 T10 / 27-2	27	6F	AL	85.95	84.10	91.0	56.0	66.0	60.0	12	30	0.946
66 T10 / 28-2	28	6F	AL	89.13	87.25	93.0	56.0	66.0	60.0	12	30	0.960
66 T10 / 30-2	30	6F	AL	95.49	93.65	97.0	56.0	66.0	60.0	12	30	1.169
66 T10 / 32-2	32	6F	AL	101.86	100.00	106.0	56.0	66.0	65.0	12	32	1.300
66 T10 / 36-2	36	6F	AL	114.59	112.75	119.0	56.0	66.0	70.0	16	35	1.637
66 T10 / 40-2	40	6F	AL	127.32	125.45	131.0	56.0	66.0	80.0	16	40	1.999
66 T10 / 44-0	44	6	AL	140.06	138.20	-	56.0	66.0	88.0	16	46	2.357
66 T10 / 48-0	48	6	AL	152.78	150.95	-	56.0	66.0	95.0	16	48	2.830
66 T10 / 60-0	60	6	AL	190.98	189.10	-	56.0	66.0	110.0	16	60	4.366

AL = Aluminium We reserve the right to make technical changes.



Type 6F



Type 6F

Description	Number of teeth	Type	Material	d_d (mm)	d_o (mm)	D_B (mm)	b_1 (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d_{max} (mm)	Weight (\approx kg)
AT5 - Pitch 5 mm for belt width 10 mm												
21 AT5 / 12-2	12	6F	AL	19.01	17.85	23.0	15.0	21.0	10.0	-	6	0.016
21 AT5 / 14-2	14	6F	AL	22.29	21.05	25.0	15.0	21.0	13.0	-	8	0.019
21 AT5 / 15-2	15	6F	AL	23.88	22.65	28.0	15.0	21.0	16.0	6	10	0.021
21 AT5 / 16-2	16	6F	AL	25.47	24.20	32.0	15.0	21.0	18.0	6	11	0.025
21 AT5 / 18-2	18	6F	AL	28.65	27.40	32.0	15.0	21.0	19.0	6	12	0.031
21 AT5 / 19-2	19	6F	AL	30.25	29.00	36.0	15.0	21.0	22.0	6	12	0.036
21 AT5 / 20-2	20	6F	AL	31.83	30.60	36.0	15.0	21.0	23.0	6	14	0.038
21 AT5 / 22-2	22	6F	AL	35.12	33.85	38.0	15.0	21.0	24.0	6	15	0.046
21 AT5 / 24-2	24	6F	AL	38.21	37.00	42.0	15.0	21.0	26.0	6	15	0.054
21 AT5 / 25-2	25	6F	AL	39.80	38.60	44.0	15.0	21.0	26.0	6	15	0.058
21 AT5 / 26-2	26	6F	AL	41.47	40.20	44.0	15.0	21.0	26.0	6	16	0.062
21 AT5 / 27-2	27	6F	AL	42.98	41.80	48.0	15.0	21.0	30.0	8	18	0.064
21 AT5 / 28-2	28	6F	AL	44.62	43.35	48.0	15.0	21.0	32.0	8	18	0.071
21 AT5 / 30-2	30	6F	AL	47.76	46.55	51.0	15.0	21.0	34.0	8	18	0.075
21 AT5 / 32-2	32	6F	AL	50.94	49.70	54.0	15.0	21.0	38.0	8	22	0.088
21 AT5 / 36-2	36	6F	AL	57.31	56.05	63.0	15.0	21.0	38.0	8	22	0.114
21 AT5 / 40-2	40	6F	AL	63.66	62.45	66.0	15.0	21.0	40.0	8	23	0.138
21 AT5 / 42-2	42	6F	AL	66.87	65.60	71.0	15.0	21.0	40.0	8	24	0.180
21 AT5 / 44-0	44	6	AL	70.07	68.80	-	15.0	21.0	45.0	8	26	0.185
21 AT5 / 48-0	48	6	AL	76.42	75.15	-	15.0	21.0	50.0	8	28	0.200
21 AT5 / 60-0	60	6	AL	95.52	94.25	-	15.0	21.0	65.0	8	35	0.307
AT5 - Pitch 5 mm for belt width 16 mm												
27 AT5 / 12-2	12	6F	AL	19.01	17.85	23.0	21.0	27.0	10.0	-	6	0.022
27 AT5 / 14-2	14	6F	AL	22.29	21.05	25.0	21.0	27.0	13.0	-	8	0.026
27 AT5 / 15-2	15	6F	AL	23.88	22.65	28.0	21.0	27.0	16.0	6	10	0.029
27 AT5 / 16-2	16	6F	AL	25.47	24.20	32.0	21.0	27.0	18.0	6	11	0.035
27 AT5 / 18-2	18	6F	AL	28.65	27.40	32.0	21.0	27.0	19.0	6	12	0.043
27 AT5 / 19-2	19	6F	AL	30.25	29.00	36.0	21.0	27.0	22.0	6	12	0.049
27 AT5 / 20-2	20	6F	AL	31.83	30.60	36.0	21.0	27.0	23.0	6	14	0.053
27 AT5 / 22-2	22	6F	AL	35.12	33.85	38.0	21.0	27.0	24.0	6	15	0.054
27 AT5 / 24-2	24	6F	AL	38.21	37.00	42.0	21.0	27.0	26.0	6	15	0.076
27 AT5 / 25-2	25	6F	AL	39.80	38.60	44.0	21.0	27.0	26.0	6	15	0.081
27 AT5 / 26-2	26	6F	AL	41.47	40.20	44.0	21.0	27.0	26.0	6	16	0.085
27 AT5 / 27-2	27	6F	AL	42.98	41.80	48.0	21.0	27.0	30.0	8	18	0.090
27 AT5 / 28-2	28	6F	AL	44.62	43.35	48.0	21.0	27.0	32.0	8	18	0.092
27 AT5 / 30-2	30	6F	AL	47.76	46.55	51.0	21.0	27.0	34.0	8	18	0.105
27 AT5 / 32-2	32	6F	AL	50.94	49.70	54.0	21.0	27.0	38.0	8	22	0.123
27 AT5 / 36-2	36	6F	AL	57.31	56.05	63.0	21.0	27.0	38.0	8	22	0.160
27 AT5 / 40-2	40	6F	AL	63.66	62.45	66.0	21.0	27.0	40.0	8	23	0.193
27 AT5 / 42-2	42	6F	AL	66.87	65.60	71.0	21.0	27.0	40.0	8	24	0.205
27 AT5 / 44-0	44	6	AL	70.07	68.80	-	21.0	27.0	45.0	8	26	0.228
27 AT5 / 48-0	48	6	AL	76.42	75.15	-	21.0	27.0	50.0	8	28	0.280
27 AT5 / 60-0	60	6	AL	95.52	94.25	-	21.0	27.0	65.0	8	35	0.430

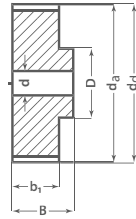


optibelt ZRS Metric Timing Belt Pulleys for Plain Boring Profile AT5

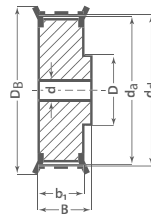
Description	Number of teeth	Type	Material	d _o (mm)	d _e (mm)	D _b (mm)	b ₁ (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Weight (=kg)
AT5 - Pitch 5 mm for belt width 25 mm												
36 AT5 / 12-2	12	6F	AL	19.01	17.85	23.0	30.0	36.0	10.0	-	6	0.031
36 AT5 / 14-2	14	6F	AL	22.29	21.05	25.0	30.0	36.0	13.0	-	8	0.037
36 AT5 / 15-2	15	6F	AL	23.88	22.65	28.0	30.0	36.0	16.0	6	10	0.041
36 AT5 / 16-2	16	6F	AL	25.47	24.20	32.0	30.0	36.0	18.0	6	11	0.050
36 AT5 / 18-2	18	6F	AL	28.65	27.40	32.0	30.0	36.0	19.0	6	12	0.061
36 AT5 / 19-2	19	6F	AL	30.25	29.00	36.0	30.0	36.0	22.0	6	12	0.070
36 AT5 / 20-2	20	6F	AL	31.83	30.60	36.0	30.0	36.0	23.0	6	14	0.076
36 AT5 / 22-2	22	6F	AL	35.12	33.85	38.0	30.0	36.0	24.0	6	15	0.080
36 AT5 / 24-2	24	6F	AL	38.21	37.00	42.0	30.0	36.0	26.0	8	15	0.109
36 AT5 / 25-2	25	6F	AL	39.80	38.60	44.0	30.0	36.0	26.0	8	15	0.116
36 AT5 / 26-2	26	6F	AL	41.47	40.20	44.0	30.0	36.0	26.0	8	16	0.120
36 AT5 / 27-2	27	6F	AL	42.98	41.80	48.0	30.0	36.0	30.0	8	18	0.128
36 AT5 / 28-2	28	6F	AL	44.62	43.35	48.0	30.0	36.0	32.0	8	18	0.135
36 AT5 / 30-2	30	6F	AL	47.76	46.55	51.0	30.0	36.0	34.0	8	18	0.150
36 AT5 / 32-2	32	6F	AL	50.94	49.70	54.0	30.0	36.0	38.0	8	22	0.176
36 AT5 / 36-2	36	6F	AL	57.31	56.05	63.0	30.0	36.0	38.0	8	22	0.230
36 AT5 / 40-2	40	6F	AL	63.66	62.45	66.0	30.0	36.0	40.0	8	23	0.276
36 AT5 / 42-2	42	6F	AL	66.87	65.60	71.0	30.0	36.0	40.0	8	24	0.284
36 AT5 / 44-0	44	6	AL	70.07	68.80	-	30.0	36.0	45.0	8	26	0.315
36 AT5 / 48-0	48	6	AL	76.42	75.15	-	30.0	36.0	50.0	8	28	0.400
36 AT5 / 60-0	60	6	AL	95.52	94.25	-	30.0	36.0	65.0	8	35	0.614

AL = Aluminium We reserve the right to make technical changes.



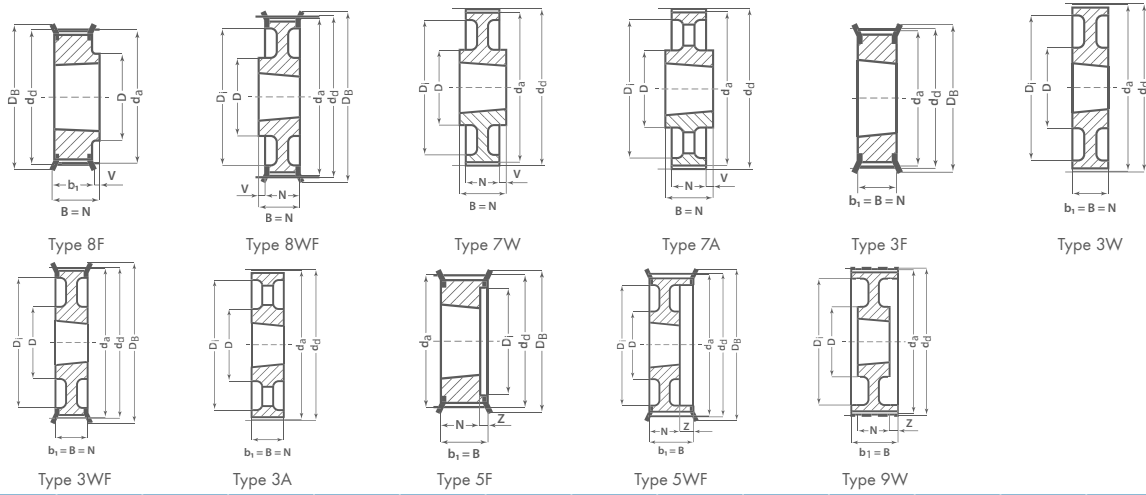


Type 6



Type 6F

Description	Number of teeth	Type	Material	d_d (mm)	d_o (mm)	D_B (mm)	b_1 (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d_{max} (mm)	Weight (≈kg)
AT10 - Pitch 10 mm for belt width 16 mm												
31 AT10 / 15-2	15	6F	AL	47.75	45.90	51.0	21.0	31.0	32.0	8	18	0.116
31 AT10 / 16-2	16	6F	AL	50.93	49.05	54.0	21.0	31.0	35.0	8	20	0.134
31 AT10 / 18-2	18	6F	AL	57.29	55.45	60.0	21.0	31.0	40.0	8	22	0.167
31 AT10 / 19-2	19	6F	AL	60.48	58.60	66.0	21.0	31.0	44.0	8	22	0.184
31 AT10 / 20-2	20	6F	AL	63.66	61.80	66.0	21.0	31.0	46.0	8	24	0.208
31 AT10 / 22-2	22	6F	AL	70.03	68.15	75.0	21.0	31.0	52.0	8	28	0.253
31 AT10 / 24-2	24	6F	AL	76.39	74.55	83.0	21.0	31.0	58.0	8	30	0.288
31 AT10 / 25-2	25	6F	AL	79.58	77.70	83.0	21.0	31.0	60.0	8	30	0.310
31 AT10 / 26-2	26	6F	AL	82.76	80.90	87.0	21.0	31.0	60.0	8	30	0.357
31 AT10 / 27-2	27	6F	AL	85.95	84.10	91.0	21.0	31.0	60.0	8	30	0.364
31 AT10 / 28-2	28	6F	AL	89.13	87.25	93.0	21.0	31.0	60.0	8	30	0.401
31 AT10 / 30-2	30	6F	AL	95.49	93.65	97.0	21.0	31.0	60.0	8	30	0.441
31 AT10 / 32-2	32	6F	AL	101.86	100.00	106.0	21.0	31.0	65.0	10	32	0.493
31 AT10 / 36-2	36	6F	AL	114.59	112.75	119.0	21.0	31.0	70.0	10	35	0.623
31 AT10 / 40-2	40	6F	AL	127.32	125.45	131.0	21.0	31.0	80.0	10	40	0.767
31 AT10 / 44-0	44	6	AL	140.06	138.20	-	21.0	31.0	88.0	10	46	0.993
31 AT10 / 48-0	48	6	AL	152.78	150.95	-	21.0	31.0	95.0	16	48	1.090
31 AT10 / 60-0	60	6	AL	190.98	189.10	-	21.0	31.0	110.0	16	60	1.710
AT10 - Pitch 10 mm for belt width 25 mm												
40 AT10 / 15-2	15	6F	AL	47.75	45.90	51.0	30.0	40.0	32.0	8	18	0.152
40 AT10 / 16-2	16	6F	AL	50.93	49.05	54.0	30.0	40.0	35.0	8	20	0.176
40 AT10 / 18-2	18	6F	AL	57.29	55.45	60.0	30.0	40.0	40.0	8	22	0.224
40 AT10 / 19-2	19	6F	AL	60.48	58.60	66.0	30.0	40.0	44.0	8	22	0.247
40 AT10 / 20-2	20	6F	AL	63.66	61.80	66.0	30.0	40.0	46.0	8	24	0.276
40 AT10 / 22-2	22	6F	AL	70.03	68.15	75.0	30.0	40.0	52.0	8	28	0.337
40 AT10 / 24-2	24	6F	AL	76.39	74.55	83.0	30.0	40.0	58.0	8	30	0.392
40 AT10 / 25-2	25	6F	AL	79.58	77.70	83.0	30.0	40.0	60.0	8	30	0.422
40 AT10 / 26-2	26	6F	AL	82.76	80.90	87.0	30.0	40.0	60.0	8	30	0.477
40 AT10 / 27-2	27	6F	AL	85.95	84.10	91.0	30.0	40.0	60.0	8	30	0.536
40 AT10 / 28-2	28	6F	AL	89.13	87.25	93.0	30.0	40.0	60.0	8	30	0.540
40 AT10 / 30-2	30	6F	AL	95.49	93.65	97.0	30.0	40.0	60.0	8	30	0.640
40 AT10 / 32-2	32	6F	AL	101.86	100.00	106.0	30.0	40.0	65.0	10	32	0.693
40 AT10 / 36-2	36	6F	AL	114.59	112.75	119.0	30.0	40.0	70.0	10	35	0.873
40 AT10 / 40-2	40	6F	AL	127.32	125.45	131.0	30.0	40.0	80.0	10	40	1.067
40 AT10 / 44-0	44	6	AL	140.06	138.20	-	30.0	40.0	88.0	10	46	1.350
40 AT10 / 48-0	48	6	AL	152.78	150.95	-	30.0	40.0	95.0	16	48	1.516
40 AT10 / 60-0	60	6	AL	190.98	189.10	-	30.0	40.0	110.0	16	60	2.339
AT10 - Pitch 10 mm for belt width 32 mm												
47 AT10 / 18-2	18	6F	AL	57.29	55.45	60.0	37.0	47.0	40.0	10	22	0.253
47 AT10 / 19-2	19	6F	AL	60.48	58.60	66.0	37.0	47.0	44.0	10	22	0.286
47 AT10 / 20-2	20	6F	AL	63.66	61.80	66.0	37.0	47.0	46.0	12	24	0.322
47 AT10 / 22-2	22	6F	AL	70.03	68.15	75.0	37.0	47.0	52.0	12	28	0.393
47 AT10 / 24-2	24	6F	AL	76.39	74.55	83.0	37.0	47.0	58.0	12	30	0.475



Description	Number of teeth	Type	Material	d _d (mm)	d _e (mm)	D _B (mm)	b ₁ (mm)	B (mm)	N (mm)	V (mm)	D (mm)	D _i (mm)	Taper bushing	Weight without bushing (≈kg)	
L - Pitch 9.525 mm for belt width 050															
TB 18 L 050	18	8F	ST	54.57	53.81	60.0	19.0	22.0	22	3.0	44.0	-	1108	0.200	
TB 19 L 050	19	8F	ST	57.61	56.84	60.0	19.0	22.0	22	3.0	44.0	-	1108	0.200	
TB 20 L 050	20	8F	ST	60.64	59.88	66.0	19.0	22.0	22	3.0	48.0	-	1108	0.200	
TB 21 L 050	21	8F	ST	63.67	62.91	71.0	19.0	22.0	22	3.0	48.0	-	1108	0.300	
TB 22 L 050	22	8F	ST	66.70	65.94	75.0	19.0	22.0	22	3.0	51.0	-	1108	0.300	
TB 23 L 050	23	8F	GG	69.73	68.97	79.0	19.0	22.0	22	3.0	54.0	-	1108	0.400	
TB 24 L 050	24	8F	GG	72.77	72.00	79.0	19.0	22.0	22	3.0	54.0	-	1108	0.400	
TB 25 L 050	25	8F	GG	75.80	75.04	83.0	19.0	22.0	22	3.0	56.0	-	1108	0.500	
TB 26 L 050	26	8F	GG	78.83	78.07	87.0	19.0	22.0	22	3.0	60.0	-	1108	0.500	
TB 27 L 050	27	8F	GG	81.86	81.10	87.0	19.0	22.0	22	3.0	65.0	-	1108	0.600	
TB 28 L 050	28	8F	GG	84.89	84.13	91.0	19.0	22.0	22	3.0	65.0	-	1108	0.600	
TB 30 L 050	30	8F	GG	90.96	90.20	97.0	19.0	22.0	22	3.0	70.0	-	1108	0.800	
TB 32 L 050	32	8F	GG	97.02	96.26	103.0	19.0	22.0	22	3.0	74.0	-	1108	0.900	
TB 36 L 050	36	8F	GG	109.15	108.39	115.0	19.0	22.0	22	3.0	87.0	-	1108	1.200	
TB 40 L 050	40	8F	GG	121.28	120.51	127.0	19.0	25.0	25	6.0	97.0	-	1610	1.500	
TB 48 L 050	48	8WF	GG	145.53	144.77	152.0	19.0	25.0	25	6.0	88.0	124	1610	2.300	
TB 60 L 050	60	7W	GG	181.91	181.15	-	19.0	25.0	25	3.0	92.0	166	1610	2.000	
TB 72 L 050	72	7A	GG	218.30	217.53	-	19.0	25.0	25	3.0	92.0	202	1610	3.000	
TB 84 L 050	84	7A	GG	254.68	253.90	-	19.0	25.0	25	3.0	92.0	236	1610	4.000	
TB 96 L 050	96	7A	GG	291.06	290.30	-	19.0	32.0	32	6.5	106.0	270	2012	5.500	
TB 120 L 050	120	7A	GG	363.83	363.07	-	19.0	32.0	32	6.5	106.0	343	2012	6.800	
L - Pitch 9.525 mm for belt width 075															
TB 18 L 075	18	3F	ST	54.57	53.81	60.0	25.0	25.0	25	-	-	-	1108	0.200	
TB 19 L 075	19	3F	ST	57.61	56.84	60.0	25.0	25.0	25	-	-	-	1108	0.300	
TB 20 L 075	20	3F	ST	60.64	59.88	66.0	25.0	25.0	25	-	-	-	1108	0.300	
TB 21 L 075	21	3F	ST	63.67	62.91	71.0	25.0	25.0	25	-	-	-	1108	0.400	
TB 22 L 075	22	3F	ST	66.70	65.94	75.0	25.0	25.0	25	-	-	-	1108	0.400	
TB 23 L 075	23	3F	GG	69.73	68.97	79.0	25.0	25.0	25	-	-	-	1108	0.400	
TB 24 L 075	24	3F	GG	72.77	72.00	79.0	25.0	25.0	25	-	-	-	1108	0.500	
TB 25 L 075	25	3F	GG	75.80	75.04	83.0	25.0	25.0	25	-	-	-	1108	0.600	
TB 26 L 075	26	3F	GG	78.83	78.07	87.0	25.0	25.0	25	-	-	-	1108	0.600	
TB 27 L 075	27	3F	GG	81.86	81.10	87.0	25.0	25.0	25	-	-	-	1108	0.700	
TB 28 L 075	28	3F	GG	84.89	84.13	91.0	25.0	25.0	25	-	-	-	1108	0.700	
TB 30 L 075	30	3F	GG	90.96	90.20	97.0	25.0	25.0	25	-	-	-	1108	0.900	
TB 32 L 075	32	3F	GG	97.02	96.26	103.0	25.0	25.0	25	-	-	-	1108	1.000	
TB 36 L 075	36	3F	GG	109.15	108.39	115.0	25.0	25.0	25	-	-	-	1610	1.200	
TB 40 L 075	40	3F	GG	121.28	120.51	127.0	25.0	25.0	25	-	-	-	1610	1.700	

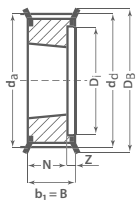


optibelt ZRS Timing Belt Pulleys for Taper Bushings Profile L

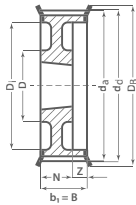
Description	Number of teeth	Type	Material	d _c (mm)	d _e (mm)	D _b (mm)	b ₁ (mm)	B (mm)	N (mm)	V (mm)	D (mm)	D _i (mm)	Taper bushing	Weight without bushing (≈kg)
TB 48 L 075	48	3WF	GG	145.53	144.77	152.0	25.0	25.0	25	-	92.0	124	1610	2.500
TB 60 L 075	60	3W	GG	181.91	181.15	-	25.0	25.0	25	-	92.0	166	1610	3.000
TB 72 L 075	72	3A	GG	218.30	217.53	-	25.0	25.0	25	-	92.0	202	1610	4.000
TB 84 L 075	84	7A	GG	254.68	253.90	-	25.0	32.0	32	3.5	106.0	236	2012	5.200
TB 96 L 075	96	7A	GG	291.06	290.30	-	25.0	32.0	32	3.5	106.0	270	2012	6.500
TB 120 L 075	120	7A	GG	363.83	363.07	-	25.0	32.0	32	3.5	106.0	343	2012	7.600
L - Pitch 9.525 mm for belt width 100														
TB 18 L 100	18	5F	ST	54.57	53.81	60.0	31.0	31.0	22	-	-	38	1108	0.200
TB 19 L 100	19	5F	ST	57.61	56.84	60.0	31.0	31.0	22	-	-	38	1108	0.300
TB 20 L 100	20	5F	ST	60.64	59.88	66.0	31.0	31.0	22	-	-	45	1108	0.400
TB 21 L 100	21	5F	ST	63.67	62.91	71.0	31.0	31.0	22	-	-	47	1108	0.400
TB 22 L 100	22	5F	ST	66.70	65.94	75.0	31.0	31.0	22	-	-	51	1108	0.400
TB 23 L 100	23	5F	GG	69.73	68.97	79.0	32.0	32.0	22	-	-	54	1108	0.500
TB 24 L 100	24	5F	GG	72.77	72.00	79.0	32.0	32.0	22	-	-	54	1108	0.600
TB 25 L 100	25	5F	GG	75.80	75.04	83.0	32.0	32.0	22	-	-	56	1108	0.600
TB 26 L 100	26	5F	GG	78.83	78.07	87.0	32.0	32.0	22	-	-	60	1108	0.700
TB 27 L 100	27	5F	GG	81.86	81.10	87.0	32.0	32.0	22	-	-	62	1108	0.800
TB 28 L 100	28	5F	GG	84.89	84.13	91.0	32.0	32.0	22	-	-	65	1108	0.800
TB 30 L 100	30	5F	GG	90.96	90.20	97.0	32.0	32.0	25	-	-	71	1210	0.900
TB 32 L 100	32	5F	GG	97.02	96.26	103.0	32.0	32.0	25	-	-	75	1210	1.000
TB 36 L 100	36	5F	GG	109.15	108.39	115.0	32.0	32.0	25	-	-	89	1610	1.400
TB 40 L 100	40	5F	GG	121.28	120.51	127.0	32.0	32.0	25	-	-	101	1610	1.700
TB 48 L 100	48	5WF	GG	145.53	144.77	152.0	32.0	32.0	25	-	92.0	124	1610	2.700
TB 60 L 100	60	9W	GG	181.91	181.15	-	32.0	32.0	25	-	92.0	166	1610	2.400
TB 72 L 100	72	3A	GG	218.30	217.53	-	32.0	32.0	32	-	106.0	202	2012	4.400
TB 84 L 100	84	3A	GG	254.68	253.90	-	32.0	32.0	32	-	106.0	236	2012	6.000
TB 96 L 100	96	3A	GG	291.06	290.30	-	32.0	32.0	32	-	106.0	270	2012	7.100
TB 120 L 100	120	3A	GG	363.83	363.07	-	32.0	32.0	32	-	106.0	343	2012	8.500

Taper bushing	1108	1210	1610	2012
Bore d ₂ (mm) from... to...	10-28	11-32	14-42	14-50

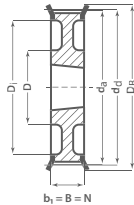
GG = Cast iron ST = Steel We reserve the right to make technical changes. * Non stock items.
Bore diameters d₂ see page 4.



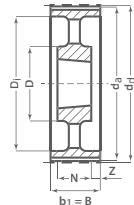
Type 5F



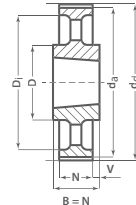
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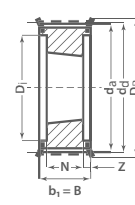
Type 3WF



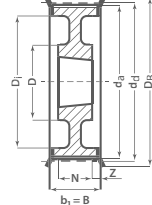
Type 9A



Type 7A



Type 4F



Type 4WF

Description	Number of teeth	Type	Material	d _a (mm)	d _b (mm)	D _b (mm)	b ₁ (mm)	B (mm)	N (mm)	V (mm)	Z (mm)	D (mm)	D _i (mm)	Taper bushing	Weight without bushing (≈kg)
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H - Pitch 12,7 mm for belt width 100

TB 16 H 100	16	5F	ST	64.68	63.31	71.0	31.0	31.0	22	-	9.0	-	45	1108	0.400
TB 18 H 100	18	5F	ST	72.77	71.39	79.0	31.0	31.0	25	-	6.0	-	52	1210	0.500
TB 19 H 100	19	5F	ST	76.81	75.44	83.0	31.0	31.0	25	-	6.0	-	56	1210	0.600
TB 20 H 100	20	5F	ST	80.55	79.48	87.0	31.0	31.0	25	-	6.0	-	60	1210	0.700
TB 21 H 100	21	5F	GG	84.89	83.52	91.0	32.0	32.0	25	-	7.0	-	63	1210	0.800
TB 22 H 100	22	5F	GG	88.94	87.56	93.0	32.0	32.0	25	-	7.0	-	67	1210	0.900
TB 23 H 100	23	5F	GG	92.98	91.61	97.0	32.0	32.0	25	-	7.0	-	71	1610	0.900
TB 24 H 100	24	5F	GG	97.02	95.65	103.0	32.0	32.0	25	-	7.0	-	75	1610	1.000
TB 25 H 100	25	5F	GG	101.06	99.69	106.0	32.0	32.0	25	-	7.0	-	79	1610	1.000
TB 26 H 100	26	5F	GG	105.11	103.73	111.0	32.0	32.0	25	-	7.0	-	83	1610	1.200
TB 27 H 100	27	5F	GG	109.15	107.78	115.0	32.0	32.0	25	-	7.0	-	87	1610	1.300
TB 28 H 100	28	5F	GG	113.19	111.82	119.0	32.0	32.0	25	-	7.0	-	91	1610	1.500
TB 30 H 100	30	5F	GG	121.28	119.90	127.0	32.0	32.0	25	-	7.0	-	99	1610	1.700
TB 32 H 100	32	5WF	GG	129.36	127.99	135.0	32.0	32.0	25	-	7.0	92.0	108	1610	2.000
TB 36 H 100	36	5WF	GG	145.53	144.16	152.0	32.0	32.0	25	-	7.0	92.0	124	1610	2.700
TB 40 H 100	40	5WF	GG	161.70	160.33	168.0	32.0	32.0	25	-	7.0	92.0	140	1610	3.600
TB 44 H 100	44	3WF	GG	177.87	176.50	184.0	32.0	32.0	32	-	-	106.0	153	2012	3.800
TB 48 H 100	48	3WF	GG	194.04	192.67	200.0	32.0	32.0	32	-	-	106.0	169	2012	3.200
TB 60 H 100	60	9A	GG	242.55	241.18	-	34.0	34.0	32	-	1.0	106.0	223	2012	4.800
TB 72 H 100	72	9A	GG	291.06	289.69	-	34.0	34.0	32	-	1.0	106.0	270	2012	5.700
TB 84 H 100*	84	9A	GG	339.57	338.20	-	34.0	34.0	32	-	1.0	106.0	318	2012	6.800
TB 96 H 100*	96	7A	GG	388.08	386.71	-	34.0	45.0	45	5.5	-	119.0	366	2517	8.200
TB 120 H 100*	120	7A	GG	485.10	483.73	-	34.0	45.0	45	5.5	-	119.0	462	2517	12.100

H - Pitch 12,7 mm for belt width 150

TB 18 H 150	18	5F	ST	72.77	71.39	79.0	45.0	45.0	25	-	20.0	-	53	1210	0.600
TB 19 H 150	19	5F	ST	76.81	75.44	83.0	45.0	45.0	25	-	20.0	-	56	1210	0.700
TB 20 H 150	20	5F	ST	80.55	79.48	87.0	45.0	45.0	25	-	20.0	-	60	1210	0.800
TB 21 H 150	21	5F	GG	84.89	83.52	91.0	45.0	45.0	25	-	20.0	-	64	1210	1.000
TB 22 H 150	22	5F	GG	88.94	87.56	93.0	45.0	45.0	25	-	20.0	-	68	1210	1.200
TB 23 H 150	23	5F	GG	92.98	91.61	97.0	45.0	45.0	25	-	20.0	-	71	1610	1.300
TB 24 H 150	24	5F	GG	97.02	95.65	103.0	45.0	45.0	25	-	20.0	-	74	1610	1.200
TB 25 H 150	25	5F	GG	101.06	99.69	106.0	45.0	45.0	25	-	20.0	-	78	1610	1.200
TB 26 H 150	26	5F	GG	105.11	103.73	111.0	45.0	45.0	25	-	20.0	-	82	1610	1.400
TB 27 H 150	27	5F	GG	109.15	107.78	115.0	45.0	45.0	25	-	20.0	-	87	1610	1.600
TB 28 H 150	28	5F	GG	113.19	111.82	119.0	45.0	45.0	25	-	20.0	-	91	1610	1.800
TB 30 H 150	30	5F	GG	121.28	119.90	127.0	45.0	45.0	25	-	20.0	-	99	1610	2.000
TB 32 H 150	32	5WF	GG	129.36	127.99	135.0	45.0	45.0	25	-	20.0	92.0	108	1610	2.300
TB 36 H 150	36	5WF	GG	145.53	144.16	152.0	45.0	45.0	25	-	20.0	92.0	124	1610	3.100
TB 40 H 150	40	5WF	GG	161.70	160.33	168.0	45.0	45.0	25	-	20.0	92.0	140	1610	4.000
TB 44 H 150	44	3WF	GG	177.87	176.50	184.0	45.0	45.0	32	-	13.0	106.0	153	2012	4.400
TB 48 H 150	48	3WF	GG	194.04	192.67	200.0	45.0	45.0	32	-	13.0	106.0	169	2012	4.800
TB 60 H 150	60	9A	GG	242.55	241.18	-	46.0	46.0	32	-	7.0	106.0	223	2012	5.400
TB 72 H 150	72	9A	GG	291.06	289.69	-	46.0	46.0	32	-	7.0	106.0	270	2012	6.500

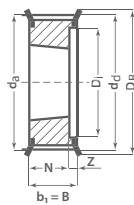


optibelt ZRS Timing Belt Pulleys for Taper Bushings Profile H

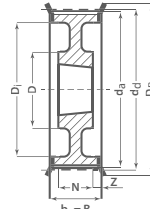
Description	Number of teeth	Type	Material	d _d (mm)	d _o (mm)	D _B (mm)	b ₁ (mm)	B (mm)	N (mm)	V (mm)	Z (mm)	D (mm)	D _i (mm)	Taper bushing	Weight without bushing (≈kg)
TB 84 H 150*	84	9A	GG	339.57	338.20	-	46.0	46.0	32	-	7.0	106.0	320	2012	8.400
TB 96 H 150*	96	7A	GG	388.08	386.71	-	46.0	46.0	45	-	0.5	119.0	366	2517	11.000
TB 120 H 150*	120	7A	GG	485.10	483.73	-	46.0	46.0	45	-	0.5	119.0	462	2517	14.800
H - Pitch 12,7 mm for belt width 200															
TB 18 H 200	18	5F	ST	72.77	71.39	79.0	58.0	58.0	25	-	33.0	-	52	1210	0.800
TB 19 H 200	19	5F	ST	76.81	75.44	83.0	58.0	58.0	25	-	33.0	-	56	1610	0.900
TB 20 H 200	20	5F	ST	80.55	79.48	87.0	58.0	58.0	25	-	33.0	-	60	1610	1.000
TB 21 H 200	21	5F	GG	84.89	83.52	91.0	58.0	58.0	25	-	33.0	-	64	1610	1.700
TB 22 H 200	22	5F	GG	88.94	87.56	93.0	58.0	58.0	25	-	33.0	-	68	1610	1.500
TB 23 H 200	23	5F	GG	92.98	91.61	97.0	58.0	58.0	25	-	33.0	-	71	1610	1.800
TB 24 H 200	24	5F	GG	97.02	95.65	103.0	58.0	58.0	25	-	33.0	-	74	1610	1.500
TB 25 H 200	25	5F	GG	101.06	99.69	106.0	58.0	58.0	25	-	33.0	-	78	1610	1.500
TB 26 H 200	26	5F	GG	105.11	103.73	111.0	58.0	58.0	25	-	33.0	-	82	1610	1.800
TB 27 H 200	27	5F	GG	109.15	107.78	115.0	58.0	58.0	25	-	33.0	-	87	1610	1.900
TB 28 H 200	28	5F	GG	113.19	111.82	119.0	58.0	58.0	25	-	33.0	-	91	1610	1.900
TB 30 H 200	30	5F	GG	121.28	119.90	127.0	58.0	58.0	25	-	33.0	-	99	1610	2.300
TB 32 H 200	32	5WF	GG	129.36	127.99	135.0	58.0	58.0	32	-	26.0	-	107	2012	3.000
TB 36 H 200	36	5WF	GG	145.53	144.16	152.0	58.0	58.0	32	-	26.0	102.0	124	2012	3.000
TB 40 H 200	40	5WF	GG	161.70	160.33	168.0	58.0	58.0	32	-	26.0	106.0	140	2012	3.600
TB 44 H 200	44	5WF	GG	177.87	176.50	184.0	58.0	58.0	32	-	26.0	106.0	153	2012	4.500
TB 48 H 200	48	5WF	GG	194.04	192.67	200.0	58.0	58.0	45	-	13.0	119.0	169	2517	4.600
TB 60 H 200	60	9A	GG	242.55	241.18	-	60.0	60.0	45	-	7.5	119.0	223	2517	7.000
TB 72 H 200	72	9A	GG	291.06	289.69	-	60.0	60.0	45	-	7.5	119.0	270	2517	8.000
TB 84 H 200*	84	9A	GG	339.57	338.20	-	60.0	60.0	45	-	7.5	119.0	320	2517	9.000
TB 96 H 200*	96	9A	GG	388.08	386.71	-	60.0	60.0	45	-	7.5	119.0	366	2517	11.500
TB 120 H 200*	120	9A	GG	485.10	483.73	-	60.0	60.0	45	-	7.5	119.0	462	2517	15.400
H - Pitch 12,7 mm for belt width 300															
TB 20 H 300	20	4F	ST	80.55	79.48	87.0	84.0	84.0	38	-	23.0	-	65	1615	1.500
TB 21 H 300	21	4F	GG	84.89	83.52	91.0	84.0	84.0	38	-	23.0	-	66	1615	1.200
TB 22 H 300	22	4F	GG	88.94	87.56	93.0	84.0	84.0	38	-	23.0	-	67	1615	1.600
TB 23 H 300	23	4F	GG	92.98	91.61	97.0	84.0	84.0	38	-	23.0	-	71	1615	1.800
TB 24 H 300	24	4F	GG	97.02	95.65	103.0	84.0	84.0	38	-	23.0	-	75	1615	2.100
TB 25 H 300	25	4F	GG	101.06	99.69	106.0	84.0	84.0	38	-	23.0	-	79	1615	2.000
TB 26 H 300	26	4F	GG	105.11	103.73	111.0	84.0	84.0	38	-	23.0	-	83	1615	2.700
TB 27 H 300	27	4F	GG	109.15	107.78	115.0	84.0	84.0	32	-	26.0	-	87	2012	3.000
TB 28 H 300	28	4F	GG	113.19	111.82	119.0	84.0	84.0	32	-	26.0	-	91	2012	2.400
TB 30 H 300	30	4F	GG	121.28	119.90	127.0	84.0	84.0	32	-	26.0	-	99	2012	2.900
TB 32 H 300	32	4F	GG	129.36	127.99	135.0	84.0	84.0	45	-	19.5	-	107	2517	3.300
TB 36 H 300	36	4F	GG	145.53	144.16	152.0	84.0	84.0	45	-	19.5	-	124	2517	4.500
TB 40 H 300	40	4F	GG	161.70	160.33	168.0	84.0	84.0	45	-	19.5	-	137	2517	6.000
TB 44 H 300	44	4WF	GG	177.87	176.50	184.0	86.0	86.0	45	-	20.5	119.0	153	2517	6.600
TB 48 H 300	48	4WF	GG	194.04	192.67	200.0	86.0	86.0	45	-	20.5	119.0	169	2517	7.600
TB 60 H 300	60	9A	GG	242.55	241.18	-	86.0	86.0	45	-	20.5	119.0	223	2517	8.400
TB 72 H 300	72	9A	GG	291.06	289.69	-	86.0	86.0	45	-	20.5	119.0	270	2517	10.400
TB 84 H 300*	84	9A	GG	339.57	338.20	-	86.0	86.0	45	-	20.5	119.0	320	2517	12.500
TB 96 H 300*	96	9A	GG	388.08	386.71	-	86.0	86.0	76	-	5.0	150.0	362	3030	14.200
TB 120 H 300*	120	9A	GG	485.10	483.73	-	86.0	86.0	76	-	5.0	150.0	460	3030	18.800

Taper bushing	1108	1210	1610	1615	2012	2517	3030
Bore d ₂ (mm) from... to...	10-28	11-32	14-42	14-42	14-50	16-60	35-75

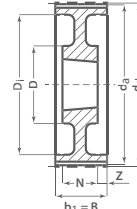
GG = Cast iron ST = Steel We reserve the right to make technical changes. * Non stock items. Bore diameters d₂ see page 4.



Type 5F



Type 4WF

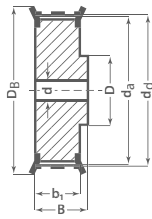


Type 9W

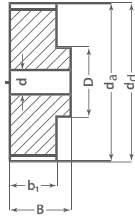
Description	Number of teeth	Type	Material	d_d (mm)	d_o (mm)	D_B (mm)	b_1 (mm)	B (mm)	N (mm)	Z (mm)	D (mm)	D_i (mm)	Taper bushing	Weight without bushing (≈kg)
XH - Pitch 22,225 mm for belt width 200														
TB 18 XH 200*	18	5F	GG	127.34	124.55	138.0	64.0	64.0	45	20.0	-	95	2517	2.600
TB 20 XH 200*	20	5F	GG	141.49	138.69	154.0	64.0	64.0	45	20.0	-	110	2517	3.600
TB 22 XH 200*	22	5F	GG	155.64	152.84	168.0	64.0	64.0	45	20.0	-	120	2517	4.800
TB 24 XH 200*	24	5F	GG	169.79	166.69	183.0	64.0	64.0	45	20.0	-	135	2517	6.100
TB 26 XH 200*	26	5F	GG	183.94	181.14	198.0	64.0	64.0	45	20.0	-	150	2517	7.400
TB 28 XH 200*	28	4WF	GG	198.08	195.29	211.0	64.0	64.0	45	10.0	120.0	165	2517	9.000
TB 30 XH 200*	30	4WF	GG	212.23	209.44	226.0	64.0	64.0	45	10.0	120.0	180	2517	8.600
TB 32 XH 200*	32	4WF	GG	226.38	223.59	240.0	64.0	64.0	45	10.0	120.0	195	2517	9.800
TB 40 XH 200*	40	4WF	GG	282.98	280.18	296.0	64.0	64.0	51	6.5	160.0	245	3020	13.300
TB 48 XH 200*	48	9W	GG	339.57	336.78	-	64.0	64.0	51	6.5	160.0	300	3020	19.000
XH - Pitch 22,225 mm for belt width 300														
TB 18 XH 300*	18	5F	GG	127.34	124.55	138.0	90.0	90.0	45	45.0	-	95	2517	3.700
TB 20 XH 300*	20	5F	GG	141.49	138.69	154.0	90.0	90.0	45	45.0	-	110	2517	4.700
TB 22 XH 300*	22	5F	GG	155.64	152.84	168.0	90.0	90.0	45	45.0	-	120	2517	6.000
TB 24 XH 300*	24	5F	GG	169.79	166.69	183.0	90.0	90.0	45	45.0	-	135	2517	7.600
TB 26 XH 300*	26	5F	GG	183.94	181.14	198.0	90.0	90.0	45	45.0	-	150	2517	9.800
TB 28 XH 300*	28	5F	GG	198.08	195.29	211.0	90.0	90.0	51	39.0	-	165	3020	11.600
TB 30 XH 300*	30	5F	GG	212.23	209.44	226.0	90.0	90.0	51	39.0	-	180	3020	11.900
TB 32 XH 300*	32	5F	GG	226.38	223.59	240.0	90.0	90.0	51	39.0	-	195	3020	13.800
TB 40 XH 300*	40	4WF	GG	282.98	280.18	296.0	90.0	90.0	51	19.5	160.0	245	3020	19.500
TB 48 XH 300*	48	9W	GG	339.57	336.78	-	90.0	90.0	51	19.5	160.0	300	3020	27.000
XH - Pitch 22,225 mm for belt width 400														
TB 20 XH 400*	20	5F	GG	141.49	138.69	154.0	119.0	119.0	45	74.0	-	110	2517	6.000
TB 22 XH 400*	22	5F	GG	155.64	152.84	168.0	119.0	119.0	45	74.0	-	120	2517	7.200
TB 24 XH 400*	24	5F	GG	169.79	166.69	183.0	119.0	119.0	51	68.0	-	135	3020	8.400
TB 26 XH 400*	26	5F	GG	183.94	181.14	198.0	119.0	119.0	51	68.0	-	150	3020	10.300
TB 28 XH 400*	28	5F	GG	198.08	195.29	211.0	119.0	119.0	51	68.0	-	165	3020	12.300
TB 30 XH 400*	30	5F	GG	212.23	209.44	226.0	119.0	119.0	51	68.0	-	180	3020	14.300
TB 32 XH 400*	32	5F	GG	226.38	223.59	240.0	119.0	119.0	51	68.0	-	195	3020	19.900
TB 40 XH 400*	40	4WF	GG	282.98	280.18	296.0	119.0	119.0	89	15.0	190.0	245	3535	24.600
TB 48 XH 400*	48	9W	GG	339.57	336.78	-	119.0	119.0	89	15.0	190.0	300	3535	30.000

Taper bushing	2517	3020	3535	4040
Bore d_2 (mm) from... to...	16-60	25-75	35-90	40-100

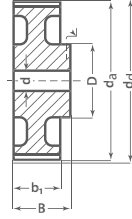
GG = Cast iron ST = Steel We reserve the right to make technical changes. * Non stock items.
Bore diameters d_2 see page 4.



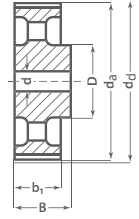
Type 6F



Type 6



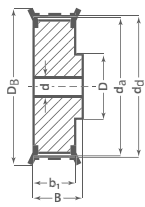
Type 6W



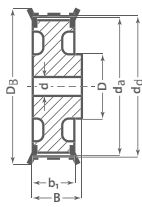
Type 6A

Description	Number of teeth	Type	Material	d _d (mm)	d _a (mm)	D _B (mm)	b ₁ (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Adjusting screw	Weight (=kg)
XL - Pitch 5,08 mm for belt width 025, 031, 037													
10 XL 037	10	6F	ST	16.17	15.66	23.0	14.3	19.8	9.5	5	6,4	M3	0.020
11 XL 037	11	6F	ST	17.79	17.28	23.0	14.3	19.8	9.5	5	6,4	M3	0.020
12 XL 037	12	6F	ST	19.40	18.89	25.0	14.3	19.8	12.7	5	7,9	M3	0.030
14 XL 037	14	6F	ST	22.64	22.13	28.0	14.3	19.8	14.3	6	9,5	M4	0.040
15 XL 037	15	6F	ST	24.26	23.75	28.0	14.3	19.8	15.9	6	11,1	M4	0.040
16 XL 037	16	6F	ST	25.87	25.36	32.0	14.3	19.8	17.5	6	12,7	M4	0.050
18 XL 037	18	6F	ST	29.11	28.60	36.0	14.3	19.8	19.0	6	14,3	M4	0.060
20 XL 037	20	6F	ST	32.34	31.83	38.0	14.3	22.2	23.8	6	17,5	M4	0.080
21 XL 037	21	6F	ST	33.96	33.45	38.0	14.3	22.2	23.8	6	17,5	M4	0.090
22 XL 037	22	6F	ST	35.57	35.06	42.0	14.3	22.2	25.4	6	19,1	M4	0.100
24 XL 037	24	6F	ST	38.81	38.30	44.0	14.3	22.2	27.0	6	20,6	M4	0.120
26 XL 037	26	6F	ST	42.04	41.53	48.0	14.3	22.2	30.0	6	23	M4	0.140
28 XL 037	28	6F	ST	45.28	44.77	51.0	14.3	22.2	30.2	6	23	M4	0.160
30 XL 037	30	6F	ST	48.51	48.00	54.0	14.3	22.2	34.9	6	23	M4	0.190
32 XL 037	32	6	AL	51.74	51.23	-	14.3	25.4	38.0	8	23	M4	0.110
36 XL 037	36	6	AL	58.21	57.70	-	14.3	25.4	38.0	8	23	M4	0.130
40 XL 037	40	6	AL	64.68	64.17	-	14.3	25.4	38.0	8	23	M4	0.170
42 XL 037	42	6W	AL	67.91	67.40	-	14.3	25.4	38.0	8	23	M4	0.130
44 XL 037	44	6W	AL	71.15	70.64	-	14.3	25.4	38.0	8	23	M4	0.150
48 XL 037	48	6W	AL	77.62	77.11	-	14.3	25.4	38.0	8	23	M4	0.160
60 XL 037	60	6A	AL	97.02	96.51	-	14.3	25.4	38.0	8	23	M4	0.180
72 XL 037	72	6A	AL	116.43	115.92	-	14.3	25.4	38.0	8	23	M4	0.230

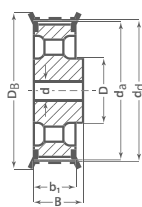
AL = Aluminium ST = Steel GG = Cast iron We reserve the right to make technical changes. * Non stock items.



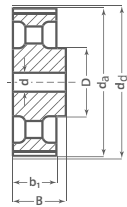
Type 6F



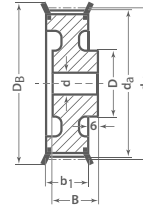
Type 6WF



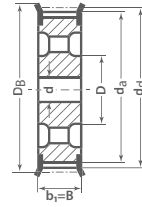
Type 6AF



Type 6A

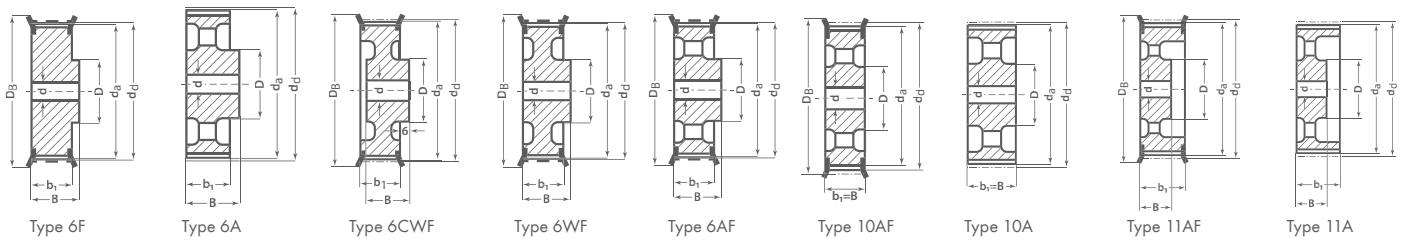


Type 6CWF



Type 10AF

Description	Number of teeth	Type	Material	d _d (mm)	d _o (mm)	D _B (mm)	b ₁ (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Weight (≈kg)
L - Pitch 9,525 mm for belt width 050												
10 L 050	10	6F	ST	30.32	29.56	36.0	19.0	26.0	22.0	6	13	0.110
12 L 050	12	6F	ST	36.38	35.62	42.0	19.0	26.0	28.0	6	17	0.190
13 L 050	13	6F	ST	39.41	38.65	44.0	19.0	26.0	30.0	6	19	0.210
14 L 050	14	6F	ST	42.45	41.68	48.0	19.0	26.0	33.0	8	20	0.250
15 L 050	15	6F	ST	45.48	44.72	51.0	19.0	26.0	36.0	8	23	0.300
16 L 050	16	6F	ST	48.51	47.75	54.0	19.0	26.0	38.0	8	23	0.330
17 L 050	17	6F	ST	51.54	50.78	57.0	19.0	26.0	40.0	10	24	0.360
18 L 050	18	6F	ST	54.57	53.81	60.0	19.0	26.0	40.0	10	24	0.410
19 L 050	19	6F	ST	57.61	56.84	60.0	19.0	26.0	40.0	10	24	0.450
20 L 050	20	6F	ST	60.64	59.88	66.0	19.0	26.0	46.0	10	28	0.500
21 L 050	21	6F	ST	63.67	62.91	71.0	19.0	26.0	46.0	10	28	0.550
22 L 050	22	6F	ST	66.70	65.94	75.0	19.0	26.0	50.0	10	30	0.620
24 L 050	24	6F	ST	72.77	72.00	79.0	19.0	26.0	50.0	12	30	0.680
26 L 050	26	6F	ST	78.83	78.07	87.0	19.0	26.0	50.0	12	30	0.820
28 L 050	28	6F	ST	84.89	84.13	91.0	19.0	26.0	50.0	12	30	0.920
30 L 050	30	6F	ST	90.96	90.20	97.0	19.0	26.0	50.0	12	30	1.100
32 L 050	32	6F	ST	97.02	96.26	103.0	19.0	26.0	50.0	12	30	1.200
36 L 050	36	6WF	GG	109.15	108.38	115.0	19.0	26.0	50.0	12	30	1.000
40 L 050	40	6WF	GG	121.28	120.51	127.0	19.0	26.0	50.0	12	30	1.100
44 L 050	44	6AF	GG	133.40	132.64	140.0	19.0	26.0	50.0	12	30	1.200
48 L 050	48	6AF	GG	145.53	144.77	152.0	19.0	26.0	50.0	12	30	1.300
60 L 050	60	6A	GG	181.91	181.15	-	19.0	28.0	50.0	15	30	1.300
72 L 050	72	6A	GG	218.30	217.53	-	19.0	28.0	50.0	15	30	1.700
84 L 050	84	6A	GG	254.68	253.92	-	19.0	28.0	50.0	15	30	1.900
L - Pitch 9,525 mm for belt width 075												
10 L 075	10	6F	ST	30.32	29.56	36.0	25.0	32.0	22.0	6	13	0.150
12 L 075	12	6F	ST	36.38	35.62	42.0	25.0	32.0	28.0	8	17	0.230
13 L 075	13	6F	ST	39.41	38.65	44.0	25.0	32.0	30.0	8	19	0.260
14 L 075	14	6F	ST	42.45	41.68	48.0	25.0	32.0	33.0	8	20	0.320
15 L 075	15	6F	ST	45.48	44.72	51.0	25.0	32.0	36.0	8	23	0.350
16 L 075	16	6F	ST	48.51	47.75	54.0	25.0	32.0	38.0	8	23	0.420
17 L 075	17	6F	ST	51.54	50.78	57.0	25.0	32.0	40.0	10	24	0.450
18 L 075	18	6F	ST	54.57	53.81	60.0	25.0	32.0	40.0	10	24	0.510
19 L 075	19	6F	ST	57.61	56.84	60.0	25.0	32.0	40.0	10	24	0.570
20 L 075	20	6F	ST	60.64	59.88	66.0	25.0	32.0	46.0	10	28	0.630
21 L 075	21	6F	ST	63.67	62.91	71.0	25.0	32.0	46.0	10	28	0.700
22 L 075	22	6F	ST	66.70	65.94	75.0	25.0	32.0	50.0	10	30	0.750
24 L 075	24	6F	ST	72.77	72.00	79.0	25.0	32.0	50.0	12	30	0.850
26 L 075	26	6F	ST	78.83	78.07	87.0	25.0	32.0	50.0	12	30	1.000
28 L 075	28	6F	ST	84.89	84.13	91.0	25.0	32.0	50.0	12	30	1.200
30 L 075	30	6F	ST	90.96	90.20	97.0	25.0	32.0	50.0	12	30	1.400
32 L 075	32	6F	ST	97.02	96.26	103.0	25.0	32.0	50.0	12	30	1.500
36 L 075	36	6WF	GG	109.15	108.38	115.0	25.0	32.0	55.0	12	32	1.300

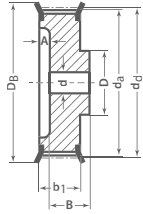


Description	Number of teeth	Type	Material	d _f (mm)	d _g (mm)	D _B (mm)	b ₁ (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Weight (=kg)
H - Pitch 12,7 mm for belt width 075												
14 H 075	14	6F	ST	56.60	55.22	64.0	26.4	40.0	40.0	10	24	0.500
16 H 075	16	6F	ST	64.68	63.31	70.0	26.4	40.0	46.0	10	26	0.600
18 H 075	18	6F	ST	72.77	71.39	79.0	26.4	40.0	54.0	12	32	0.800
19 H 075	19	6F	ST	76.81	75.44	82.5	26.4	40.0	58.0	12	35	1.000
20 H 075	20	6F	ST	80.85	79.48	87.0	26.4	40.0	62.0	12	35	1.100
21 H 075	21	6F	ST	84.89	83.52	91.0	26.4	40.0	67.0	12	38	1.200
22 H 075	22	6F	ST	88.94	87.56	94.0	26.4	40.0	70.0	12	38	1.400
24 H 075	24	6F	ST	97.02	95.65	102.0	26.4	40.0	75.0	12	42	1.600
26 H 075	26	6F	ST	105.11	103.73	112.0	26.4	40.0	80.0	15	45	1.800
28 H 075	28	6F	GG	113.19	111.82	120.0	26.4	40.0	80.0	15	45	2.000
30 H 075	30	6F	GG	121.28	119.90	128.0	26.4	40.0	80.0	15	45	2.100
32 H 075	32	6F	GG	129.36	127.99	135.0	26.4	40.0	70.0	15	45	2.200
36 H 075	36	6F	GG	145.53	144.16	152.0	26.4	40.0	80.0	20	45	2.400
40 H 075	40	6F	GG	161.70	160.33	168.0	26.4	40.0	80.0	20	45	2.800
44 H 075	44	6AF	GG	177.87	176.50	184.0	26.4	40.0	80.0	20	45	2.700
48 H 075	48	6AF	GG	194.04	192.67	200.0	26.4	40.0	90.0	20	50	3.000
H - Pitch 12,7 mm for belt width 100												
14 H 100	14	6F	ST	56.60	55.22	63.0	31.0	41.0	40.0	10	24	0.650
16 H 100	16	6F	ST	64.67	63.31	71.0	31.0	41.0	46.0	10	28	0.850
18 H 100	18	6F	ST	72.77	71.39	79.0	31.0	41.0	54.0	12	32	1.100
19 H 100	19	6F	ST	76.81	75.44	83.0	31.0	41.0	58.0	12	34	1.200
20 H 100	20	6F	ST	80.85	79.48	87.0	31.0	41.0	62.0	12	35	1.400
21 H 100	21	6F	ST	84.89	83.52	91.0	31.0	41.0	67.0	12	38	1.600
22 H 100	22	6F	ST	88.94	87.56	93.0	31.0	41.0	70.0	12	41	1.700
24 H 100	24	6F	ST	97.02	95.65	103.0	31.0	41.0	75.0	12	45	2.000
26 H 100	26	6CWF	GG	105.11	103.73	111.0	32.0	32.0	55.0	15	32	1.400
28 H 100	28	6CWF	GG	113.19	111.82	119.0	32.0	32.0	60.0	15	35	1.600
30 H 100	30	6CWF	GG	121.28	119.90	127.0	32.0	32.0	60.0	15	35	1.700
32 H 100	32	6WF	GG	129.36	127.99	135.0	32.0	40.0	70.0	20	40	2.200
36 H 100	36	6WF	GG	145.53	144.16	152.0	32.0	40.0	80.0	20	45	3.000
40 H 100	40	6AF	GG	161.70	160.33	168.0	32.0	40.0	80.0	20	45	2.800
44 H 100	44	6AF	GG	177.87	176.50	184.0	32.0	40.0	80.0	20	45	3.100
48 H 100	48	6AF	GG	194.04	192.67	200.0	32.0	40.0	80.0	20	45	3.300
60 H 100	60	6A	GG	242.55	241.18	-	34.0	45.0	80.0	20	45	5.500
72 H 100	72	6A	GG	291.06	289.69	-	34.0	45.0	80.0	20	45	7.100
84 H 100*	84	6A	GG	339.57	338.20	-	34.0	45.0	80.0	20	45	8.200
96 H 100*	96	6A	GG	388.08	386.71	-	34.0	45.0	80.0	20	45	9.900
120 H 100*	120	6A	GG	485.10	483.73	-	34.0	50.0	90.0	20	50	13.100
H - Pitch 12,7 mm for belt width 150												
14 H 150	14	6F	ST	56.60	55.22	63.0	44.0	54.0	40.0	12	24	0.820
16 H 150	16	6F	ST	64.68	63.31	71.0	44.0	54.0	46.0	12	28	1.100
18 H 150	18	6F	ST	72.77	71.39	79.0	44.0	54.0	54.0	12	32	1.500
19 H 150	19	6F	ST	76.81	75.44	83.0	44.0	54.0	58.0	12	34	1.700

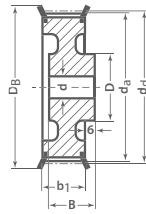


optibelt ZRS Timing Belt Pulleys for Plain Boring Profile H

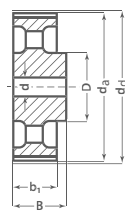
Description	Number of teeth	Type	Material	d _j (mm)	d _e (mm)	D _b (mm)	b ₁ (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Weight (≈kg)
20 H 150	20	6F	ST	80.85	79.48	87.0	44.0	54.0	62.0	12	35	1.800
21 H 150	21	6F	ST	84.89	83.52	91.0	44.0	54.0	67.0	12	38	2.200
22 H 150	22	6F	ST	88.94	87.56	93.0	44.0	54.0	70.0	12	41	2.300
24 H 150	24	6F	ST	97.02	95.65	103.0	44.0	54.0	75.0	12	45	2.600
26 H 150	26	6CWF	GG	105.11	103.73	111.0	45.0	35.0	55.0	15	32	1.700
28 H 150	28	6CWF	GG	113.19	111.82	119.0	45.0	35.0	60.0	15	35	1.900
30 H 150	30	6CWF	GG	121.28	119.90	127.0	45.0	35.0	60.0	15	35	2.100
32 H 150	32	6CWF	GG	129.36	127.99	135.0	45.0	45.0	70.0	20	40	2.600
36 H 150	36	6CWF	GG	145.53	144.16	152.0	45.0	45.0	80.0	20	45	3.200
40 H 150	40	10AF	GG	161.70	160.33	168.0	45.0	45.0	80.0	20	45	3.800
44 H 150	44	10AF	GG	177.87	176.50	184.0	45.0	45.0	80.0	20	45	3.700
48 H 150	48	10AF	GG	194.04	192.67	200.0	45.0	45.0	80.0	20	45	4.000
60 H 150	60	10A	GG	242.55	241.18	-	46.0	46.0	85.0	20	48	5.100
72 H 150	72	10A	GG	291.06	289.69	-	46.0	46.0	85.0	20	48	7.900
84 H 150*	84	10A	GG	339.57	338.20	-	46.0	46.0	85.0	20	48	8.900
96 H 150*	96	10A	GG	388.08	386.71	-	46.0	46.0	85.0	20	48	10.100
120 H 150*	120	6A	GG	485.10	483.73	-	46.0	55.0	95.0	24	55	17.200
H - Pitch 12,7 mm for belt width 200												
14 H 200	14	6F	ST	56.60	55.22	63.0	58.0	68.0	40.0	12	24	1.100
16 H 200	16	6F	ST	64.68	63.31	71.0	58.0	68.0	46.0	15	28	1.400
18 H 200	18	6F	ST	72.77	71.39	79.0	58.0	68.0	54.0	15	32	1.800
19 H 200	19	6F	ST	76.81	75.44	83.0	58.0	68.0	58.0	15	34	2.100
20 H 200	20	6F	ST	80.85	79.48	87.0	58.0	68.0	62.0	15	35	2.300
21 H 200	21	6F	ST	84.89	83.52	91.0	58.0	68.0	67.0	15	38	2.600
22 H 200	22	6F	ST	88.94	87.56	93.0	58.0	68.0	70.0	15	41	2.800
24 H 200	24	6F	ST	97.02	95.65	103.0	58.0	68.0	75.0	15	45	3.400
26 H 200	26	6CWF	GG	105.11	103.73	111.0	58.0	42.0	60.0	15	35	2.300
28 H 200	28	6CWF	GG	113.19	111.82	119.0	58.0	42.0	60.0	15	35	2.500
30 H 200	30	6CWF	GG	121.28	119.90	127.0	58.0	42.0	70.0	15	40	2.900
32 H 200	32	6CWF	GG	129.36	127.99	135.0	58.0	47.0	70.0	20	40	3.200
36 H 200	36	6CWF	GG	145.53	144.16	152.0	58.0	47.0	80.0	20	45	3.800
40 H 200	40	11AF	GG	161.70	160.33	168.0	58.0	45.0	80.0	20	45	4.100
44 H 200	44	11AF	GG	177.87	176.50	184.0	58.0	45.0	80.0	20	45	4.400
48 H 200	48	11AF	GG	194.04	192.67	200.0	58.0	45.0	85.0	20	48	5.100
60 H 200	60	11A	GG	242.55	241.18	-	60.0	50.0	90.0	20	50	7.100
72 H 200	72	11A	GG	291.06	289.69	-	60.0	50.0	90.0	20	50	8.000
84 H 200*	84	11A	GG	339.57	338.20	-	60.0	50.0	90.0	20	50	12.000
96 H 200*	96	11A	GG	388.08	386.71	-	60.0	50.0	90.0	20	50	13.600
120 H 200*	120	10A	GG	485.10	483.73	-	60.0	60.0	100.0	24	57	16.600
H - Pitch 12,7 mm for belt width 300												
16 H 300	16	6F	ST	64.68	63.31	71.0	84.0	94.0	46.0	15	28	2.000
18 H 300	18	6F	ST	72.77	71.39	79.0	84.0	94.0	54.0	15	32	2.600
19 H 300	19	6F	ST	76.81	75.44	83.0	84.0	94.0	58.0	15	34	2.900
20 H 300	20	6F	ST	80.85	79.48	87.0	84.0	94.0	62.0	15	35	3.200
21 H 300	21	6F	ST	84.89	83.52	91.0	84.0	94.0	67.0	15	38	3.600
22 H 300	22	6F	ST	88.94	87.56	93.0	84.0	94.0	70.0	15	41	4.000
24 H 300	24	6F	ST	97.02	95.65	103.0	84.0	94.0	75.0	15	45	4.700
26 H 300	26	6CWF	GG	105.11	103.73	111.0	84.0	57.0	60.0	15	35	3.300
28 H 300	28	6CWF	GG	113.19	111.82	119.0	84.0	57.0	60.0	15	35	3.600
30 H 300	30	6CWF	GG	121.28	119.90	127.0	84.0	57.0	70.0	15	40	4.200
32 H 300	32	6CWF	GG	129.36	127.99	135.0	84.0	57.0	70.0	20	40	4.300



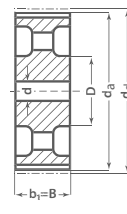
Type 6CF



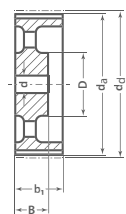
Type 6CWF



Type 6A



Type 10A



Type 11A

Description	Number of teeth	Type	Material	d _d (mm)	d _e (mm)	D _B (mm)	b ₁ (mm)	B (mm)	D (mm)	A (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Weight (=kg)
XH - Pitch 22,225 mm for belt width 200													
18 XH 200*	18	6CF	GG	127.34	124.55	142.0	64.4	60.0	85.0	18	20	50	5.000
20 XH 200*	20	6CF	GG	141.49	138.69	155.0	64.4	60.0	95.0	18	20	55	6.000
22 XH 200*	22	6CF	GG	155.64	152.84	170.0	64.4	60.0	110.0	18	20	65	7.200
24 XH 200*	24	6CF	GG	169.79	166.69	184.0	64.4	60.0	125.0	18	25	70	8.600
26 XH 200*	26	6CF	GG	183.94	181.14	198.0	64.4	60.0	140.0	18	25	80	10.100
28 XH 200*	28	6CWF	GG	198.08	195.29	212.0	64.4	60.0	120.0	18	25	70	9.600
30 XH 200*	30	6CWF	GG	212.23	209.44	227.0	64.4	60.0	120.0	18	25	70	10.400
32 XH 200*	32	6CWF	GG	226.38	223.59	240.0	64.4	60.0	130.0	18	25	75	11.200
40 XH 200*	40	6CWF	GG	282.98	280.18	297.0	64.4	60.0	140.0	18	25	80	16.000
48 XH 200*	48	6A	GG	339.57	336.78	-	65.0	80.0	150.0	-	30	85	18.400
60 XH 200*	60	6A	GG	424.47	421.67	-	65.0	80.0	150.0	-	30	85	24.300
72 XH 200*	72	6A	GG	509.36	506.57	-	65.0	80.0	150.0	-	40	85	28.100
84 XH 200*	84	6A	GG	594.25	591.46	-	65.0	80.0	160.0	-	40	90	31.900
96 XH 200*	96	6A	GG	679.15	676.35	-	65.0	80.0	160.0	-	40	90	37.000
XH - Pitch 22,225 mm for belt width 300													
18 XH 300*	18	6CF	GG	127.34	124.55	142.0	91.4	70.0	85.0	35	20	50	6.800
20 XH 300*	20	6CF	GG	141.49	138.69	155.0	91.4	70.0	95.0	35	20	55	7.400
22 XH 300*	22	6CF	GG	155.64	152.84	170.0	91.4	70.0	110.0	35	20	65	9.000
24 XH 300*	24	6CF	GG	169.79	166.69	184.0	91.4	70.0	125.0	35	25	70	10.600
26 XH 300*	26	6CF	GG	183.94	181.14	198.0	91.4	70.0	140.0	35	25	80	13.000
28 XH 300*	28	6CWF	GG	198.08	195.29	212.0	91.4	70.0	120.0	35	25	70	12.000
30 XH 300*	30	6CWF	GG	212.23	209.44	227.0	91.4	70.0	120.0	35	25	70	13.000
32 XH 300*	32	6CWF	GG	226.38	223.59	240.0	91.4	70.0	130.0	35	25	75	14.700
40 XH 300*	40	6CWF	GG	282.98	280.18	297.0	91.4	70.0	140.0	35	25	80	19.900
48 XH 300*	48	10A	GG	339.57	336.78	-	92.0	92.0	150.0	-	30	85	22.500
60 XH 300*	60	10A	GG	424.47	421.67	-	92.0	92.0	150.0	-	30	85	31.500
72 XH 300*	72	10A	GG	509.36	506.57	-	92.0	92.0	150.0	-	40	85	36.400
84 XH 300*	84	10A	GG	594.25	591.46	-	92.0	92.0	160.0	-	40	90	43.400
96 XH 300*	96	10A	GG	679.15	676.35	-	92.0	92.0	160.0	-	40	90	48.500
XH - Pitch 22,225 mm for belt width 400													
18 XH 400*	18	6CF	GG	127.34	124.55	142.0	118.4	85.0	85.0	47	20	50	8.500
20 XH 400*	20	6CF	GG	141.49	138.69	155.0	118.4	85.0	95.0	47	20	55	9.400
22 XH 400*	22	6CF	GG	155.64	152.84	170.0	118.4	85.0	110.0	47	20	65	11.500
24 XH 400*	24	6CF	GG	169.79	166.69	184.0	118.4	85.0	125.0	47	25	70	13.400
26 XH 400*	26	6CF	GG	183.94	181.14	198.0	118.4	85.0	140.0	47	25	80	15.600
28 XH 400*	28	6CWF	GG	198.08	195.29	212.0	118.4	85.0	120.0	47	25	70	14.500
30 XH 400*	30	6CWF	GG	212.23	209.44	227.0	118.4	85.0	120.0	47	25	70	16.000
32 XH 400*	32	6CWF	GG	226.38	223.59	240.0	118.4	85.0	130.0	47	25	75	18.000
40 XH 400*	40	6CWF	GG	282.98	280.18	297.0	118.4	85.0	140.0	47	25	80	24.000
48 XH 400*	48	11A	GG	339.57	336.78	-	119.0	92.0	150.0	-	30	85	30.800
60 XH 400*	60	11A	GG	424.47	421.67	-	119.0	92.0	150.0	-	30	85	36.200
72 XH 400*	72	11A	GG	509.36	506.57	-	119.0	92.0	150.0	-	40	85	42.700
84 XH 400*	84	11A	GG	594.25	591.46	-	119.0	92.0	160.0	-	40	90	49.700
96 XH 400*	96	11A	GG	679.15	676.35	-	119.0	92.0	160.0	-	40	90	59.900

AL = Aluminium ST = Steel GG = Cast iron We reserve the right to make technical changes. * Non stock items.