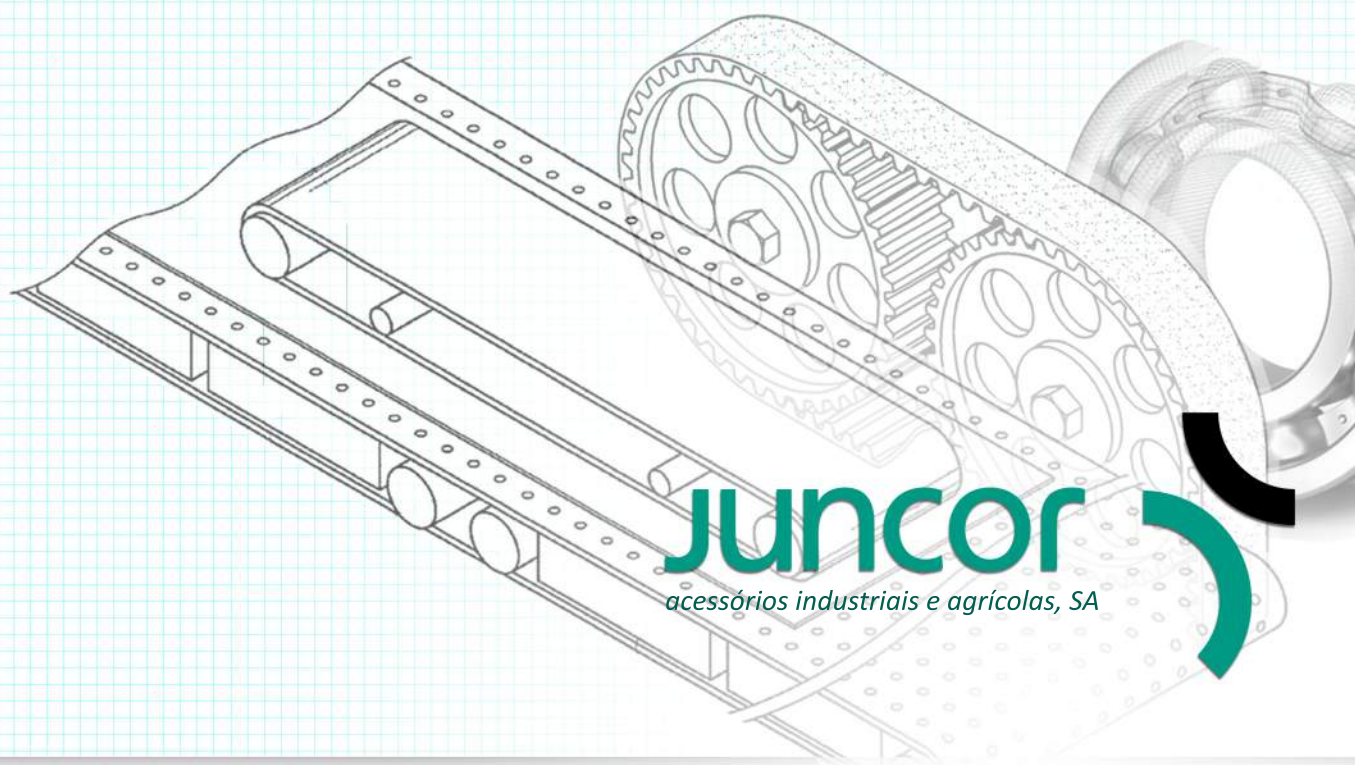




CATÁLOGO POLIAS



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POWER TRANSMISSION PRODUCT RANGE



A man with a beard and brown hair, wearing a blue and black plaid shirt under a bright yellow high-visibility safety vest with reflective silver stripes. He has red over-ear headphones around his neck. He is holding a white clipboard with a pen and a black walkie-talkie. He is standing in a large, bright, industrial-looking space with a white ceiling and concrete floor.

“Precision for
your drive.”

Norbert, 42, Foreman



OPTIBELT METAL PRODUCTS

Page 4

optibelt TB

Taper Bushings with metric bores
Taper Bushings with inch bores

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optibelt KS

V-Grooved Pulleys for Taper Bushings
V-Grooved Pulleys for Plain Boring

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optibelt RBS

Ribbed Belt Pulleys for Taper Bushings
Ribbed Belt Pulleys for Plain Boring

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optibelt FS

Flat Belt Pulleys for Taper Bushings

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optibelt MS

Motor Slide Bases

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optibelt ZRS

HTD Pulleys
for Taper Bushings
for Plain Boring

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optibelt ZRS

Delta Chain Pulleys
for Taper Bushings
for Plain Boring

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optibelt ZRS

Metric Pulleys
for Plain Boring, T-Type
for Plain Boring, AT-Type

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optibelt ZRS

Timing Belt Pulleys
for Taper Bushings
for Plain Boring

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optibelt ZRW

Standard-Timing Bars
Metric Timing Bars

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optibelt CP

Clamping Plates

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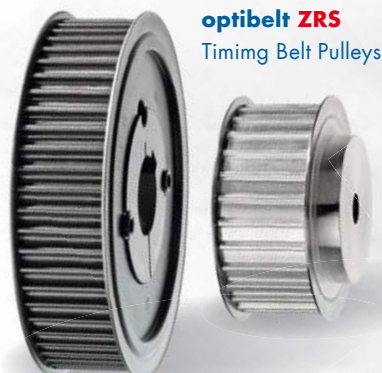
optibelt TN

Taper Hubs
Weld on hubs type WM, WH
Adapters

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optibelt CE

Clamping Bushings





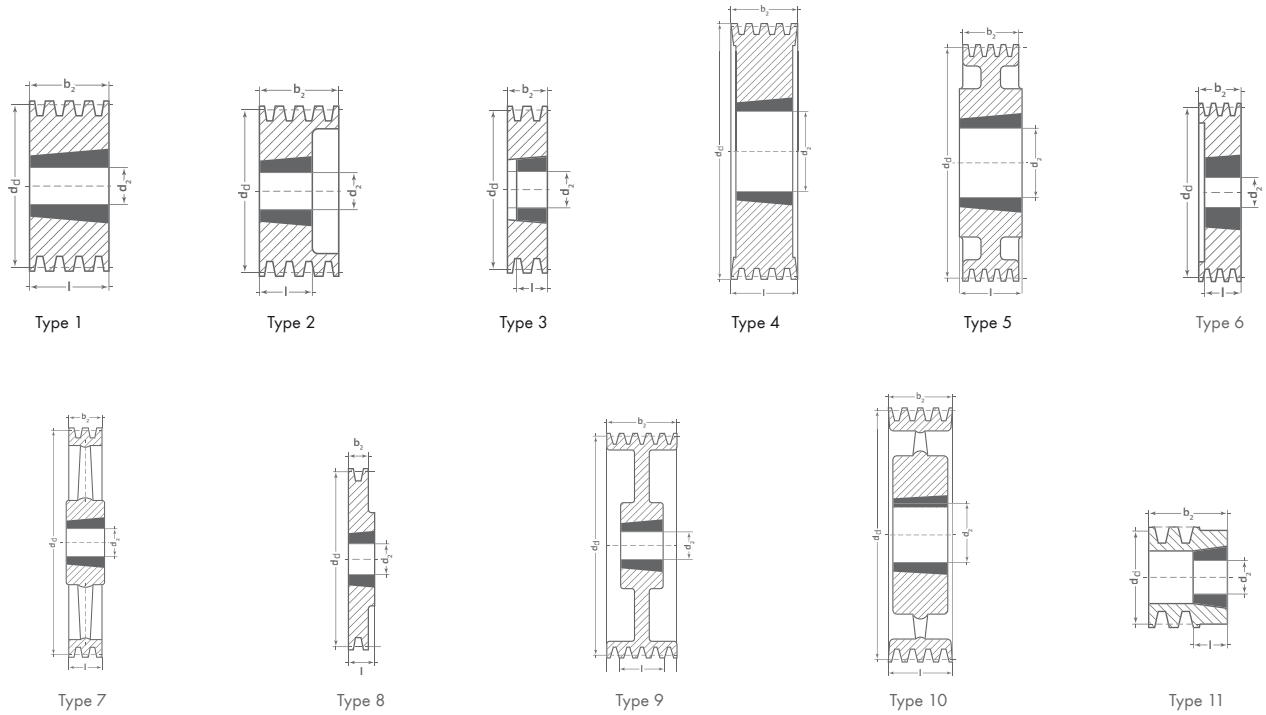
	1008	1108	1210	1215	1310	1610	1615	2012	2517	3020	3030	3525	3535	4040	4545	5050
optibelt TB with metric bores																
Bore diameter d ₂ (mm)	10 11 12 14 15 16 18 19 20 22 24▲ 25▲	10 11 12 14 15 16 18 19 20 22 24 25	11 12 14 16 18 19 20 22 24 28 30 32	11 12 14 16 18 19 20 22 24 28 30 32	14 16 18 19 20 22 24 28 30 32 35	14 16 18 19 20 22 24 28 30 32 35 40 42▲	14 16 18 19 20 22 24 28 30 32 35 40 42▲	14 16 18 19 20 22 24 28 30 32 35 40 42 45 48 50	16 18 19 20 22 24 25 28 30 32 35 40 42 45 48 50	25 28 30 32 35 40 42 45 48 50	35 38 40 42 45 48 50 55 60 65 70 75	35 38 40 42 45 48 50 55 60 65 70 75 90	35 38 40 42 45 48 50 55 60 65 70 75 90	40 42 45 48 50 55 60 65 70 75 80 85 90 100	55 60 65 70 75 80 85 90 95 100 105 110 115 120 125	70 75 80 85 90 95 100 105 110 115 120 125
Hexagon Socket screws (inch)	1/4 x 1/2	1/4 x 1/2	3/8 x 5/8	3/8 x 5/8	3/8 x 5/8	3/8 x 5/8	3/8 x 5/8	7/16 x 7/8	1/2 x 1	5/8 x 1 1/4	5/8 x 1 1/4	1/2 x 1 1/2	1/2 x 1 1/2	5/8 x 1 3/4	3/4 x 2	7/8 x 2 1/4
Tightening torque (Nm)	5.7	5.7	20.0	20.0	20.0	20.0	20.0	31.0	49.0	92.0	92.0	115.0	115.0	172.0	195.0	275.0
Bushing length (mm)	22.3	22.3	25.4	38.1	25.4	25.4	38.1	31.8	43.2	50.8	76.2	63.5	88.9	101.6	114.3	127.0
Weight at d _{2min} (≈kg)	0.12	0.16	0.28	0.39	0.32	0.41	0.60	0.75	1.06	2.50	3.75	3.90	5.13	7.68	12.70	15.17

Shallow keyways for taper bushings					
Bore diameter d ₂ (mm)	Keyway width b (mm)	Keyway depth t ₂ (mm)	Bore diameter d ₂ (mm)	Keyway width b (mm)	Keyway depth t ₂ (mm)
24	8	2.0	28	8	2.0
25	8	1.3	42	12	2.2

From 3525: Hexagon head screw. ▲ These bores have swallow keyways

	1008	1108	1210	1215	1310	1610	1615	2012	2517	3020	3030	3525	3535	4040	4545	5050
optibelt TB with inch bores																
Bore diameter d ₂ (inch)	3/8* 1/2 5/8 3/4 7/8* 1▲	3/8* 1/2 5/8 3/4 7/8 1 1 1/8▲*	1/2 5/8 3/4 7/8 1 1 1/8	5/8* 3/4 7/8* 1 1 1/8	1/2* 5/8* 3/4* 7/8* 1* 1 1/8 1 1/4 1 3/8 1 1/2 1 5/8	1/2 5/8 3/4 7/8 1 1 1/8 1 1/4 1 3/8 1 5/8 1 7/8 1 5/8▲*	1/2 5/8 3/4 7/8* 1 1 1/8 1 1/4 1 3/8 1 5/8 1 7/8 1 5/8▲*	5/8* 3/4 7/8 1 1 1/8 1 1/4 1 3/8 1 5/8 1 7/8 1 5/8 1 7/8 2	3/4 7/8 1 1 1/8 1 1/4 1 3/8 1 5/8 1 7/8 2 2 1/8 2 1/4 2 3/8 2 2 1/2 2 1/2	1 1/4 1 3/8 1 1/2 1 5/8 1 7/8 2 2 1/8 2 1/4 2 3/8 2 2 1/2 2 1/2 3	1 1/4 1 3/8 1 5/8 1 7/8 2 2 1/8 2 1/4 2 3/8 2 2 1/2 2 1/2 3	1 1/2* 1 5/8* 1 3/4* 1 7/8* 2* 2 1/8* 2 1/4* 2 3/8* 2 1/2* 2 5/8* 2 7/8* 3* 3 1/2* 3 1/2▲*	1 1/2 1 5/8 1 3/4 1 7/8 2 2 1/8 2 1/4 2 3/8 2 5/8 2 7/8 3 3 1/8 3 1/4 3 3/8 3 1/2▲	1 3/4* 1 7/8* 2* 2 1/8* 2 1/4* 2 1/2* 2 3/4* 2 7/8* 3* 3 1/8* 3 1/4* 3 3/8* 3 3/4* 4* 4 1/4* 4 1/2* 4 3/4* 4 1/2▲*	2 1/4* 2 3/8* 2 1/2* 2 1/4* 2 1/2* 2 3/4* 2 7/8* 3* 3 1/4* 3 1/8* 3 1/4* 3 3/8* 3 3/4* 4* 4 1/4* 4 1/2* 4 3/4* 5▲*	3* 3 1/4* 3 1/2* 3 3/4* 4* 4 1/4* 4 1/2* 4 3/4* 5▲*
Hexagon Socket screws (inch)	1/4 x 1/2	1/4 x 1/2	3/8 x 5/8	3/8 x 5/8	3/8 x 5/8	3/8 x 5/8	3/8 x 5/8	7/16 x 7/8	1/2 x 1	5/8 x 1 1/4	5/8 x 1 1/4	1/2 x 1 1/2	1/2 x 1 1/2	5/8 x 1 1/4	3/4 x 2	7/8 x 2 1/4
Tightening torque (Nm)	5.7	5.7	20.0	20.0	20.0	20.0	20.0	31.0	49.0	92.0	92.0	115.0	115.0	172.0	195.0	275.0
Bushing length (mm)	22.3	22.3	25.4	38.1	25.4	25.4	38.1	31.8	43.2	50.8	76.2	63.5	88.9	101.6	114.3	127.0
Weight at d _{2min} (≈kg)	0.12	0.16	0.28	0.39	0.32	0.41	0.60	0.75	1.06	2.50	3.75	3.90	5.13	7.68	12.70	15.17

From 3525: Hexagon head screw. * Non stock items. ▲ These bores have shallow keyways.



Balancing:

The list prices apply, as per VDI 2060, to cast iron pulleys balanced in one plane as follows: Grade G 16 for $\varnothing d_d \leq 400$ mm at $n = 1500$ rpm, for $\varnothing d_d > 400$ mm at $v = 30$ m/sec.

Balancing is carried out minus the key on a smooth mandrel. Machines where the rotors are balanced with an adjusting spring inserted in the shaft end must be ordered as follows: "Balanced with finished bore without key on a smooth mandrel without inserted spring".

We recommend balancing in two planes grade G 16 or better if $v \geq 30$ m/sec. or if the ratio between datum diameter and pulley face width $d_d : b_2 < 4$ at $v > 20$ m/sec. Surcharges for balancing on request. Please give pulley operating speed.

We reserve the right to make technical changes.

Surcharges for finished bore H7 and keyway to DIN 6885 part 1				
Quantity	Finished bore up to 30 mm	Finished bore 31 mm to 50 mm	Finished bore 51 mm to 75 mm	Drilled and tapped for setscrews
1 to 2				
3 to 5				
6 to 10				
11 to 24				
25 to 50				
over 50				

Special pulleys and custom designed pulleys on request.

optibelt KS V-Grooved Pulleys for Taper Bushings
Profile SPZ



Datum diameter d_d (mm)	No. of grooves	Type	Type No.	Weight without bushing (≈kg)	Taper bushing	Datum diameter d_d (mm)	No. of grooves	Type	Type No.	Weight without bushing (≈kg)	Taper bushing
TB SPZ/10						112	1	●	8	1.000	1610
50▲	1	●	11	0.300	1008		2	●	6	1.300	1610
	2	●	11	0.400	1008	3	●	6	1.300	2012	
56▲	1	●	11	0.400	1008	4	●	6	1.500	2012	
	2	●	11	0.500	1108	5	●	6	1.800	2012	
60	1	●	11	0.200	1008	6*	●	6	1.900	2012	
	2	●	11	0.600	1108	118	1	●	8	0.900	1610
63	1	●	8	0.200	1108		2	●	6	1.300	1610
	2	●	6	0.300	1108		3	●	6	1.600	2012
	3	●	6	0.400	1108		4	●	6	1.800	2012
67	1	●	8	0.300	1108		5	●	6	1.800	2012
	2	●	6	0.400	1108		6*	●	6	2.000	2517
	3	●	6	0.500	1108	125	1	●	8	1.000	1610
71	1	●	8	0.300	1108		2	●	6	1.400	1610
	2	●	6	0.400	1108		3	●	2	1.800	2012
	3	●	6	0.600	1108		4	●	2	2.200	2012
75	1	●	8	0.400	1108		5	●	6	2.300	2012
	2	●	6	0.400	1210		6*	●	6	2.500	2517
	3	●	6	0.500	1210	132	1	●	8	1.100	1610
80	1	●	8	0.500	1210		2	●	6	1.500	1610
	2	●	6	0.600	1210		3	●	2	2.300	2012
	3	●	6	0.700	1210		4	●	2	2.500	2012
	4	●	6	0.800	1210		5	●	6	2.700	2517
85	1	●	8	0.600	1210		6*	●	6	2.900	2517
	2	●	6	0.500	1610	140	1	●	8	1.200	1610
	3	●	6	0.600	1610		2	●	2	1.700	1610
	4	●	6	0.900	1610		3	●	2	2.600	2012
	5	●	6	1.000	1610		4	●	2	2.900	2012
90	1	●	8	0.700	1210		5	●	2	3.200	2517
	2	●	6	0.700	1610		6*	●	2	3.500	2517
	3	●	6	0.800	1610	8*	●	4	4.000	2517	
	4	●	6	1.000	1610	150	1	●	8	1.200	1610
	5	●	6	1.200	1610		2	●	8	2.000	2012
95	1	●	8	0.700	1210		3	●	2	3.100	2012
	2	●	6	0.800	1610		4	●	2	3.700	2517
	3	●	6	0.900	1610		5	●	2	4.000	2517
	4	●	6	1.100	1610		6*	●	2	4.400	2517
	5	●	6	1.300	1610	8*	●	4	5.100	2517	
100	1	●	8	0.800	1210	160	1	●	8	1.300	1610
	2	●	6	0.900	1610		2	●	8	2.500	2012
	3	●	6	1.100	1610		3	●	2	3.600	2012
	4	●	6	1.100	1610		4	●	2	4.400	2517
	5	●	6	1.300	2012		5	●	2	4.800	2517
	6*	●	6	1.400	2012		6*	●	2	5.200	2517
106	1	●	8	0.900	1610	8*	●	4	5.600	2517	
	2	●	6	1.100	1610	170	1	●	8	1.500	1610
	3	●	6	1.300	1610		2	●	8	2.500	2012
	4	●	6	1.300	1610		3	○	9	4.200	2012
	5	●	6	1.500	2012		4	●	2	5.300	2517
	6*	●	6	1.600	2012		5	●	2	5.900	2517
					6*		●	2	6.500	2517	



optibelt **KS V-Grooved Pulleys for Taper Bushings** Profile **SPZ**

Datum diameter d_d (mm)	No. of grooves	Type	Type No.	Weight without bushing (≈kg)	Taper bushing	Datum diameter d_d (mm)	No. of grooves	Type	Type No.	Weight without bushing (≈kg)	Taper bushing	
180	1	●	8	1.600	1610	355	1	x	7	3.500	2012	
	2	●	8	2.500	2012		2	x	7	5.100	2012	
	3	○	9	4.800	2012		3	x	7	7.300	2517	
	4	○	9	6.100	2517		4	x	10	8.900	2517	
	5	○	9	6.300	2517		5	x	10	10.000	2517	
	6*	○	9	6.800	2517		6*	x	10	10.700	2517	
	8*	●	4	7.100	3020		8*	x	10	16.000	3030	
190	1	●	8	1.800	1610	400	1	x	7	6.000	2012	
	2	●	8	2.600	2012		2	x	7	6.300	2517	
	3	○	9	4.900	2012		3	x	7	8.000	2517	
	4	○	9	5.300	2517		4	x	10	10.100	2517	
	5	○	9	6.300	2517		5	x	10	11.700	3020	
	6*	○	9	6.900	2517		6*	x	10	14.500	3020	
200	1	●	8	2.300	2012	450	8*	x	10	18.200	3030	
	2	●	8	2.800	2012		1	x	7	6.100	2517	
	3	○	9	3.500	2012		2	x	7	8.200	2517	
	4	○	9	4.700	2517		3	x	7	9.800	2517	
	5	○	9	5.500	2517		4	x	10	11.800	3020	
	6*	○	9	6.100	2517		5	x	10	13.900	3020	
	8*	●	4	9.300	3020		6*	x	10	16.900	3030	
224	1	○	5	2.500	2012	500	8*	x	10	24.000	3535	
	2	○	5	3.200	2012		2	x	7	9.100	2517	
	3	○	9	3.900	2012		3	x	7	11.400	2517	
	4	○	9	5.200	2517		4	x	10	14.300	3020	
	5	○	9	6.000	2517		5	x	10	17.600	3020	
	6*	○	9	6.600	2517		6*	x	10	19.900	3020	
	8*	●	4	11.800	3020		3*	x	7	15.900	2517	
250	1	x	7	2.800	2012	630	4*	x	10	20.000	3020	
	2	x	7	3.500	2012		5*	x	10	22.700	3020	
	3	x	10	4.300	2012		6*	x	7	33.600	3535	
	4	x	10	5.700	2517							
	5	x	10	6.400	2517							
	6*	x	10	7.000	2517							
	8*	x	10	10.500	3020							
	280	1	x	7	2.900		2012					
2		x	7	4.000	2012							
3		x	7	5.300	2517							
4		x	10	6.400	2517							
5		x	10	7.100	2517							
6*		x	10	7.800	2517							
8*		x	10	10.800	3020							
315	1	x	7	3.100	2012							
	2	x	7	4.200	2012							
	3	x	7	6.100	2517							
	4	x	10	7.600	2517							
	5	x	10	8.600	2517							
	6*	x	10	9.300	2517							

No. of grooves z	1	2	3	4	5	6	8
Face width b_2 (mm)	16	28	40	52	64	76	100

Taper bushing	1008	1108	1210	1610	2012	2517	3020	3535
Bore d_2 (mm) from... to...	10-25	10-28	11-32	14-42	14-50	16-60	25-75	35-90

● Solid pulley ○ Plate pulley (with or without holes) x Spoked pulley
 ▲ only for profile 10
 Material: EN-GJL 200 - DIN EN 1561
 * Non stock items
 Bore diameters d_2 see page 4

Datum diameter d_d (mm)	No. of grooves	Type	Type No.	Weight without bushing (≈kg)	Taper bushing	Datum diameter d_d (mm)	No. of grooves	Type	Type No.	Weight without bushing (≈kg)	Taper bushing
TB SPA/13						132	1	●	8	1.600	1610
63▲	2	●	11	0.800	1108		2	●	2	1.800	2012
	67▲	1	●	8	0.300	1108	3	●	2	2.300	2012
2		●	6	0.500	1108	4	●	2	2.600	2517	
71▲	1	●	8	0.300	1108	5	●	2	2.900	2517	
	2	●	6	0.500	1108	140	1	●	8	1.800	1610
	3	●	6	0.700	1108		2	●	2	2.000	2012
75▲	1	●	8	0.400	1108		3	●	2	2.800	2517
	2	●	6	0.600	1108		4	●	2	3.100	2517
	3	●	6	0.800	1108		5	●	2	3.400	2517
80▲	1	●	8	0.500	1210	150	1	●	8	1.400	1610
	2	●	6	0.600	1210		2	●	2	2.400	2012
	3	●	6	0.900	1210		3	●	2	3.500	2517
85	1	●	8	0.600	1210		4	●	2	3.800	2517
	2	●	6	0.700	1210		5	●	2	4.200	2517
	3	●	6	1.000	1210	160	1	○	5	1.900	1610
90	1	●	8	0.700	1210		2	●	2	2.900	2012
	2	●	6	0.700	1610		3	●	2	3.900	2517
	3	●	6	1.000	1610		4	●	2	4.400	2517
	4	●	6	1.200	1615		5	●	2	5.100	2517
95	1	●	8	0.800	1210	170	1	○	5	2.000	1610
	2	●	6	0.900	1610		2	●	2	3.100	2012
	3	●	6	1.100	1610		3	●	2	4.600	2517
	4	●	6	1.400	1615		4	●	2	5.500	2517
5	●	6	1.400	1615	5		●	2	5.900	3020	
100	1	●	8	0.800	1610	180	1	○	5	2.100	1610
	2	●	6	0.900	1610		2	○	9	3.400	2012
	3	●	2	1.200	1610		3	●	2	5.100	2517
	4	●	2	1.700	1610		4	●	2	5.900	2517
	5	●	6	1.900	1610		5	●	2	6.200	3020
106	1	●	8	0.900	1610	190	1	○	5	2.300	1610
	2	●	6	1.100	1610		2	○	9	3.800	2012
	3	●	2	1.400	1610		3	●	2	5.400	2517
	4	●	6	2.000	2012		4	●	2	6.800	2517
	5	●	6	2.000	2012		5	●	2	7.400	3020
112	1	●	8	1.000	1610	200	1	○	5	2.600	2012
	2	●	6	1.200	1610		2	○	5	4.100	2517
	3	●	6	1.300	2012		3	○	9	4.900	2517
	4	●	6	1.900	2012		4	●	2	7.400	3020
	5	●	6	2.100	2012		5	●	4	8.400	3020
118	1	●	8	1.200	1610	212	1	○	5	2.700	2012
	2	●	6	1.400	1610		2	○	5	4.300	2517
	3	●	2	1.800	2012		3	○	9	5.200	2517
	4	●	2	2.000	2012		4	●	2	7.300	3020
	5	●	2	2.400	2012		5	●	2	8.200	3020
125	1	●	8	1.400	1610	224	1	x	7	2.700	2012
	2	●	2	1.700	1610		2	○	5	4.400	2517
	3	●	2	2.000	2012		3	○	9	5.500	2517
	4	●	2	2.500	2012		4	●	2	7.400	3020
	5	●	2	2.700	2012		5	●	2	8.300	3020



optibelt KS V-Grooved Pulleys for Taper Bushings Profile SPA

Datum diameter d _d (mm)	No. of grooves	Type	Type No.	Weight without bushing (≈kg)	Taper bushing	Datum diameter d _d (mm)	No. of grooves	Type	Type No.	Weight without bushing (≈kg)	Taper bushing
236	1	x	7	2.800	2012						
	2	○	5	4.600	2517						
	3	○	9	5.700	2517						
	4	●	2	7.800	3020						
	5	●	2	8.700	3020						
250	1	x	7	2.900	2012						
	2	x	7	4.800	2517						
	3	○	9	5.900	2517						
	4	○	9	8.000	3020						
	5	○	9	9.000	3020						
280	1	x	7	3.300	2012						
	2	x	7	5.400	2517						
	3	○	9	6.700	2517						
	4	○	9	8.800	3020						
	5	○	5	15.500	3535						
315	1	x	7	3.600	2012						
	2	x	7	6.000	2517						
	3	○	5	8.300	3020						
	4	○	9	9.700	3020						
	5	○	5	17.000	3535						
355	1	x	7	4.200	2012						
	2	x	7	6.700	2517						
	3	x	7	9.200	3020						
	4	x	10	11.000	3020						
	5	x	7	18.600	3535						
400	1	x	7	4.900	2012						
	2	x	7	8.100	2517						
	3	x	7	11.000	3020						
	4	x	10	12.800	3020						
	5	x	7	21.000	3535						
450	1	x	7	7.000	2012						
	2	x	7	10.300	2517						
	3	x	7	14.100	3020						
	4	x	10	15.500	3020						
	5	x	7	24.300	3535						
500	1	x	7	8.000	2517						
	2	x	7	11.600	2517						
	3	x	7	16.000	3020						
	4	x	10	18.200	3020						
	5	x	7	27.300	3535						
560	1	x	7	11.600	2517						
	2	x	7	15.500	3020						
	3	x	7	17.800	3020						
	4	x	7	26.700	3535						
	5	x	7	30.400	3535						
630	1	x	7	10.100	2517						
	2	x	7	16.000	3020						
	3	x	7	22.000	3020						
	4	x	7	30.800	3535						
	5	x	7	33.700	3535						

No. of grooves z	1	2	3	4	5
Face width b ₂ (mm)	20	35	50	65	80

Taper bushing	1180	1210	1610	1615	2012	2517	3020	3535
Bore d ₂ (mm) from... to...	10-28	11-32	14-42	14-42	14-50	26-60	25-75	35-90

● Solid pulley ○ Plate pulley (with or without holes) x Spoked pulley
 ▲ only for profile 13
 Material: EN-GJL 200 - DIN EN 1561
 Bore diameters d₂ see page 4

Datum diameter d_d (mm)	No. of grooves	Type	Type No.	Weight without bushing (≈kg)	Taper bushing	Datum diameter d_d (mm)	No. of grooves	Type	Type No.	Weight without bushing (≈kg)	Taper bushing	
TB SPB/17						180	1	●	1	4.100	1610	
100▲	1	●	1	0.900	1610		2	●	8	4.500	2517	
	2	●	6	1.200	1610		3	●	2	5.500	2517	
	3	●	6	1.700	1610	4	●	4	6.900	2517		
112▲	1	●	1	1.100	1610	5	●	4	7.100	3020		
	2	●	6	1.500	1610	6	●	4	7.700	3020		
	3	●	6	2.000	1610	8	●	4	9.500	3020		
118▲	1	●	1	1.300	1610	190	1	●	8	4.600	2012	
	2	●	6	1.700	1610		2	●	8	5.000	2517	
	3	●	6	2.300	1610		3	●	2	6.300	2517	
125▲	1	●	1	1.500	1610		4	●	4	7.600	2517	
	2	●	2	1.900	2012		5	●	4	8.100	3020	
	3	●	2	2.400	2012		6	●	4	9.200	3020	
	4	●	4	3.000	2012		8	●	4	11.200	3030	
132▲	5	●	6	3.500	2012		200	1	●	8	5.000	2012
	1	●	1	1.800	1610	2		●	8	5.400	2517	
	2	●	2	2.200	2012	3		●	2	6.500	2517	
	3	●	2	2.800	2012	4		●	2	8.800	3020	
	4	●	4	3.400	2012	5		●	2	9.100	3020	
5	●	4	3.700	2012	6	●		4	10.300	3020		
140	1	●	1	2.300	1610	8	●	4	13.500	3535		
	2	●	2	2.700	2012	212	1	●	8	4.200	2012	
	3	●	2	3.300	2012		2	●	8	4.900	2517	
	4	●	2	3.700	2517		3	●	2	6.000	2517	
	5	●	2	4.500	2517		4	●	2	9.800	3020	
	6	●	4	4.600	2517		5	●	2	11.000	3020	
150	1	●	1	2.700	1610		6	●	4	14.300	3535	
	2	●	2	3.100	2012		8	●	4	16.600	3535	
	3	●	2	3.900	2517		224	1	●	8	4.700	2012
	4	●	2	4.400	2517	2		●	8	5.300	2517	
	5	●	4	5.200	2517	3		●	2	6.300	2517	
	6	●	4	5.600	2517	4		●	2	11.300	3020	
160	1	●	1	2.500	1610	5		●	2	12.700	3020	
	2	●	2	2.900	2012	6		●	4	17.000	3535	
	3	●	2	4.200	2517	8		●	4	19.300	3535	
	4	●	4	4.900	2517	10		●	4	21.800	3535	
	5	●	4	6.000	2517	236		1	●	8	5.000	2012
	6	●	4	5.400	3020			2	●	8	5.500	2517
170	1	●	1	2.900	1610		3	x	10	7.000	2517	
	2	●	2	3.300	2012		4	x	10	14.500	3020	
	3	●	2	4.900	2517		5	●	6	16.900	3535	
	4	●	4	5.700	2517		6	●	4	20.000	3535	
	5	●	4	6.100	3020		8	●	4	22.300	3535	
	6	●	4	6.500	3020		10	●	4	25.300	3535	
	8	●	4	8.000	3020							



**optibelt KS V-Grooved Pulleys for Taper Bushings
Profile SPB**

Datum diameter d _d (mm)	No. of grooves	Type	Type No.	Weight without bushing (≈kg)	Taper bushing	Datum diameter d _d (mm)	No. of grooves	Type	Type No.	Weight without bushing (≈kg)	Taper bushing	
250	1	●	8	5.400	2012	375	2	x	7	9.500	3020	
	2	x	7	5.500	2517		3	x	10	11.500	3020	
	3	●	2	7.700	3020		4	x	10	16.500	3525	
	4	●	2	19.600	3020		6	x	10	25.000	3535	
	5	●	4	21.700	3535		8	x	10	28.000	4040	
	6	●	4	23.300	3535		400	2	x	7	10.000	3020
	8	●	4	27.500	3535			3	x	7	18.300	3535
	10	●	4	29.300	3535			4	x	7	20.500	3535
265	2	●	7	6.200	2517	5		x	10	23.400	3535	
	3	○	9	8.000	3020	6		x	10	25.100	3535	
	4	○	9	9.500	3020	8		x	10	36.500	4040	
	6	○	9	16.700	3525	10*		x	10	41.000	4040	
	8	○	9	24.000	3525	425		2	x	7	11.500	3020
280	1	x	7	6.100	2012		3	x	7	18.000	3535	
	2	x	7	6.800	2517		4	x	7	19.500	3535	
	3	x	10	8.600	3020		6	x	10	25.100	4040	
	4	○	9	10.100	3020		8	x	10	52.500	4545	
	5	○	9	17.800	3535		450	2	x	7	12.100	3020
	6	○	9	19.600	3535			3	x	7	21.900	3535
	8	○	9	26.700	3535			4	x	7	24.500	3535
	10	○	9	30.500	3535	5		x	10	27.300	3535	
300	2	x	7	7.300	2517	6		x	10	35.500	4040	
	3	x	10	9.200	3020	8		x	10	40.900	4040	
	4	○	9	14.300	3020	10*		x	10	53.500	4545	
	5	○	9	18.200	3535	500		2	x	7	13.200	3020
	6	○	9	21.900	3535		3	x	7	23.100	3535	
	8	○	9	26.200	3535		4	x	7	26.600	3535	
315	1	x	7	7.200	2012		5	x	10	29.900	3535	
	2	x	7	7.800	2517		6	x	10	38.900	4040	
	3	x	10	9.600	3020		8	x	10	45.500	4040	
	4	○	5	17.100	3535		10*	x	10	61.000	4545	
	5	○	9	18.800	3535		560	2	x	7	16.500	3030
	6	○	9	23.000	3535	3		x	7	25.900	3535	
	8	○	9	26.000	3535	4		x	7	29.000	3535	
	10	○	9	31.500	3535	5		x	7	35.300	4040	
335	2	x	7	7.800	2517	6		x	10	43.100	4040	
	3	x	10	10.500	3020	8		x	10	49.000	4545	
	4	x	7	18.300	3535	10*		x	10	55.700	4545	
	5	x	10	19.500	3535	630		2	x	7	18.500	3020
	6	x	10	22.000	3535		3	x	7	28.900	3535	
	8	x	10	28.200	3535		4	x	7	33.300	3535	
	10*	x	10	36.000	4040		5	x	7	43.100	4040	
	355	2	x	7	8.700		3020	6	x	10	49.200	4040
3		x	10	10.800	3020		8	x	10	62.000	4545	
4		x	7	18.600	3535		10*	x	10	72.000	4545	
5		x	10	20.800	3535		710	3	x	7	33.200	3535
6		○	9	22.800	3535	4		x	7	39.100	3535	
8		x	10	27.000	3535	5		x	7	50.200	4040	
10*		x	10	38.000	4040	6		x	10	62.300	4545	
						8		x	10	71.000	4545	
					10*	x		10	80.000	4545		



**optibelt KS V-Grooved Pulleys for Taper Bushings
Profile SPC**

Datum diameter d _d (mm)	No. of grooves	Type	Type No.	Weight without bushing (≈kg)	Taper bushing	Datum diameter d _d (mm)	No. of grooves	Type	Type No.	Weight without bushing (≈kg)	Taper bushing
TB SPC/22											
200▲	3	●	4	9.000	2517	335	3	○	5	22.500	3535
	4	●	4	10.500	3020		4	○	9	26.500	3535
	5	●	4	14.000	3535		5	○	9	30.000	3535
	6	●	4	17.000	3535		6	○	9	35.000	3535
212▲	3	●	4	10.000	3020	355	8	○	9	58.000	4040
	4	●	4	12.500	3020		3	○	5	22.900	3535
	5	●	4	15.000	3535		4	○	9	28.300	3535
	6	●	4	18.000	3535		5	○	9	32.500	3535
224	2	●	4	8.100	3020	375	6	○	9	36.000	3535
	3	●	4	11.000	3020		8	○	9	67.500	4040
	4	●	4	14.000	3535		10*	○	9	121.000	4545
	5	●	4	16.200	3535		3	○	5	23.800	3535
	6	●	4	19.000	3535		4	○	9	30.000	3535
	8	●	4	24.900	3535		5	○	9	33.000	3535
236	3	●	4	12.000	3020	400	6	○	9	45.500	4040
	4	●	4	17.200	3535		8	○	9	68.000	4545
	5	●	4	19.100	3535		3	x	7	24.100	3535
	6	●	4	20.800	3535		4	x	10	28.000	3535
	8	●	4	25.500	3535		5	x	10	34.000	3535
250	2	●	4	9.800	3020	425	6	○	9	48.000	4040
	3	●	4	14.500	3020		8	○	9	65.000	4545
	4	●	4	20.700	3535		10*	○	9	88.000	5050
	5	●	4	22.800	3535		3	x	7	26.000	3535
	6	●	4	26.000	3535		4	x	10	31.000	3535
	8	●	4	29.700	3535		5	○	9	45.000	4040
	10*	●	4	34.000	4040		6	○	9	58.000	4545
265	3	●	8	21.200	3535	450	8	○	9	74.000	4545
	4	○	9	24.000	3535		3	x	7	28.600	3535
	5	○	9	31.200	3535		4	x	10	33.500	3535
	6	○	9	29.000	3535		5	x	10	45.000	4040
	8	○	9	33.300	3535		6	○	9	61.100	4545
280	3	●	8	24.000	3535	475	8	○	9	78.700	5050
	4	○	9	29.000	3535		10*	○	9	101.000	5050
	5	○	9	31.000	3535		3	x	7	40.000	3535
	6	○	9	33.800	3535		4	x	10	47.000	3535
	8	○	9	375.000	3535		5	x	10	47.200	4040
	10*	○	9	45.000	4040		6	○	9	62.800	4545
300	3	○	5	21.000	3535	500	8	○	9	81.500	5050
	4	○	9	25.000	3535		3	x	7	30.900	3535
	5	○	9	28.500	3535		4	x	10	39.000	3535
	6	○	9	29.000	3535		5	x	10	48.700	4040
	8	●	4	46.500	4040		6	x	10	60.200	4545
	10*	○	9	53.500	4545		8	○	9	87.400	5050
315	3	○	5	21.600	3535	560	10*	○	9	127.000	5050
	4	○	9	24.600	3535		3	x	7	36.000	3535
	5	○	9	29.000	3535		4	x	10	50.000	4040
	6	○	9	31.400	3535		5	x	10	63.000	4545
	8	●	4	50.000	4040		6	x	10	77.000	5050
	10*	○	9	58.000	4545		8	x	10	94.000	5050
						10	○	9	115.000	5050	

optibelt KS V-Grooved Pulleys for Taper Bushings
Profile SPC



Datum diameter d_d (mm)	No. of grooves	Type	Type No.	Weight without bushing (≈kg)	Taper bushing
630	3	x	7	48.500	4040
	4	x	7	61.000	4545
	5	x	10	77.000	5050
	6	x	10	86.000	5050
	8	x	10	105.500	5050
	10*	○	9	130.000	5050
710	3	x	7	62.500	4040
	4	x	7	78.600	4545
	5	x	10	89.600	5050
	6	x	10	99.400	5050
	8	x	10	117.500	5050
	10*	○	9	137.100	5050
800	3	x	7	72.000	4545
	4	x	7	90.800	5050
	5	x	10	102.500	5050
	6	x	10	113.700	5050
	8	x	10	136.600	5050
	10*	○	9	160.700	5050
1000	5	x	10	134.000	5050
	6	x	10	150.000	5050
	8	x	10	181.400	5050
	10*	○	9	217.200	5050
1250	5	x	10	177.600	5050
	6	x	10	201.400	5050
	8	x	10	243.700	5050
	10*	○	9	292.100	5050

Datum diameter d_d (mm)	No. of grooves	Type	Type No.	Weight without bushing (≈kg)	Taper bushing

No. of grooves z	2	3	4	5	6	8	10
Face width b_2 (mm)	59.50	85.00	110.50	136.00	161.50	212.50	263.50

Taper bushing	2517	3020	3535	4040	4545	5050
Bore d_2 (mm) from ... to ...	16-60	25-75	35-90	40-100	55-110	70-125

● Solid pulley ○ Plate pulley (with or without holes) x Spoked pulley
 Material: EN-GJL 200 - DIN EN 1561
 ▲ only for profile 22
 * Non stock items
 Bore diameters d_2 see page 4



optibelt **KS V-Grooved Pulleys for Plain Boring** Profile **SPZ**

Datum diameter d_d (mm)	No. of grooves	Type	Weight (\approx kg)	Finished bore hole d_{max} (mm)	Hub length l (mm)	Datum diameter d_d (mm)	No. of grooves	Type	Weight (\approx kg)	Finished bore hole d_{max} (mm)	Hub length l (mm)
SPZ/10											
45▲	1	○	0.200	16	24	140	1	○	0.900	28	24
	2	○	0.300	16	35		2	○	1.400	38	38
	3	○	0.400	16	35		3	○	1.700	38	40
50▲	1	○	0.300	20	24	150	1	x	1.100	28	24
	2	○	0.400	20	35		2	○	1.500	38	38
	3	○	0.500	20	40		3	○	1.900	38	40
56▲	1	○	0.300	20	24	160	1	x	1.200	32	30
	2	○	0.500	25	35		2	x	1.600	38	38
	3	○	0.700	25	40		3	x	2.400	42	40
63	1	○	0.300	25	24	170	1	x	1.700	40	30
	2	○	0.600	25	35		2	x	1.900	40	38
	3	○	0.900	25	40		3	x	3.000	42	40
71	1	○	0.300	25	24	180	1	x	2.100	32	30
	2	○	0.600	25	35		2	x	3.100	38	38
	3	○	1.000	30	40		3	x	3.500	42	40
75	1	○	0.400	24	24	190	1	x	2.300	35	30
	2	○	0.600	24	35		2	x	2.400	35	38
	3	○	1.100	28	40		3	x	4.000	35	40
80	1	○	0.400	25	24	200	1	x	2.400	32	38
	2	○	0.700	30	35		2	x	2.900	38	38
	3	○	1.100	38	35		3	x	4.500	42	40
85	1	○	0.300	25	24	212	1	x	2.600	35	30
	2	○	0.700	30	35		2	x	3.400	35	38
	3	○	1.100	38	35		3	x	5.000	38	40
90	1	○	0.400	25	24	225	1	x	2.800	32	38
	2	○	0.800	30	35		2	x	4.000	38	38
	3	○	1.200	38	38		3	x	5.300	42	40
95	1	○	0.400	28	24	250	1	x	3.300	32	38
	2	○	0.800	28	35		2	x	4.800	38	38
	3	○	1.200	38	38		3	x	6.000	42	40
100	1	○	0.500	28	24	280	1	x	3.900	35	34
	2	○	0.900	30	35		2	x	5.200	42	38
	3	○	1.300	38	38		3	x	7.000	48	40
106	1	○	0.500	30	24	315	1	x	4.400	35	34
	2	○	1.000	28	35		2	x	6.800	42	38
	3	○	1.300	38	38		3	x	8.300	48	40
112	1	○	0.500	28	24	355	1	x	4.600	35	34
	2	○	1.000	30	35		2	x	8.000	42	40
	3	○	1.400	38	38		3	x	10.000	48	45
118	1	○	0.600	28	24						
	2	○	1.100	38	35						
	3	○	1.500	38	38						
125	1	○	0.700	28	24						
	2	○	1.200	38	35						
	3	○	1.600	38	40						
132	1	○	0.800	30	24						
	2	○	1.300	38	35						
	3	○	1.600	40	40						

No. of grooves z	1	2	3
Face width b_2 (mm)	16	28	40

● Solid pulley ○ Plate pulley (with or without holes) x Spoked pulley
▲ only for profile 10
Hub position: one side flush
Material: EN-GJL 200 - DIN EN 1561

Datum diameter d_d (mm)	No. of grooves	Type	Weight (≈kg)	Finished bore hole d_{max} (mm)	Hub length l (mm)	Datum diameter d_d (mm)	No. of grooves	Type	Weight (≈kg)	Finished bore hole d_{max} (mm)	Hub length l (mm)
SPA/13											
50▲	1	○	0.300	18	34	106	1	○	0.900	28	34
	2	○	0.500	18	49		2	○	1.700	28	49
	3	○	0.600	18	47		3	○	2.200	32	42
56▲	1	○	0.400	20	34		4	○	3.200	32	53
	2	○	0.600	20	49		5	○	3.900	35	60
	3	○	0.700	20	47	112	1	○	1.100	28	34
63▲	1	○	0.500	25	34		2	○	1.800	38	49
	2	○	0.800	25	49		3	○	2.400	38	42
	3	○	0.900	25	47		4	○	3.400	42	53
	4	○	1.200	25	60		5	○	4.000	42	60
71▲	5	○	1.500	25	70	118	1	○	1.100	32	34
	1	○	0.500	25	34		2	○	1.800	38	49
	2	○	0.900	28	49		3	○	2.400	42	42
	3	○	1.000	32	42		4	○	3.400	42	53
	4	○	1.500	32	60		5	○	4.100	48	65
75▲	5	○	1.800	32	70	125	1	○	1.400	32	34
	1	○	0.500	24	34		2	○	1.900	38	49
	2	○	1.000	24	49		3	○	2.600	42	42
	3	○	1.100	24	42		4	○	3.500	42	53
	4	○	1.800	24	60		5	○	4.400	48	65
80▲	5	○	1.900	28	82	132	1	○	1.500	32	34
	1	○	0.600	28	34		2	○	2.200	38	49
	2	○	1.000	32	49		3	○	2.600	42	42
	3	○	1.200	38	42		4	○	3.600	42	53
	4	○	1.900	38	60		5	○	4.800	48	65
85	5	○	2.000	38	55	140	1	○	1.500	32	34
	1	○	0.600	24	34		2	○	2.300	38	49
	2	○	1.200	28	49		3	○	2.600	42	42
	3	○	1.400	28	42		4	○	3.700	42	53
	4	○	2.000	28	53		5	○	5.000	48	65
90	5	○	2.200	32	55	150	1	x	1.600	38	36
	1	○	0.900	28	34		2	x	2.600	38	49
	2	○	1.500	32	49		3	○	3.000	42	42
	3	○	1.600	38	42		4	○	4.000	42	53
	4	○	2.200	42	53		5	○	5.200	48	65
95	5	○	2.500	42	67	160	1	x	1.800	38	36
	1	○	0.800	28	34		2	x	2.400	38	49
	2	○	1.600	28	49		3	x	2.800	42	42
	3	○	1.900	28	42		4	○	3.600	48	60
	4	○	2.500	32	53		5	○	5.500	48	70
100	5	○	2.800	35	67	170	1	x	2.000	35	36
	1	○	0.800	28	34		2	x	2.900	35	49
	2	○	1.400	32	49		3	x	3.200	35	42
	3	○	2.000	38	42		4	x	4.200	35	60
	4	○	2.700	42	53		5	x	5.800	38	70
	5	○	3.100	42	60	180	1	x	2.000	38	36
	1	x	2.000	38	36		2	x	3.200	42	49
	2	x	2.900	35	49		3	x	3.600	42	42
	3	x	3.200	35	42		4	x	4.700	48	60
	4	x	4.200	35	60		5	x	6.100	48	70



optibelt **KS V-Grooved Pulleys for Plain Boring** Profile SPA

Datum diameter d _d (mm)	No. of grooves	Type	Weight (≈kg)	Finished bore hole d _{max} (mm)	Hub length l (mm)	Datum diameter d _d (mm)	No. of grooves	Type	Weight (≈kg)	Finished bore hole d _{max} (mm)	Hub length l (mm)
190	1	x	2.000	38	36	400	1	x	6.900	50	50
	2	x	3.200	42	49		2	x	8.800	55	53
	3	x	4.000	42	42		3	x	10.500	60	47
	4	x	5.200	48	60		4	x	12.400	60	67
	5	x	6.300	48	70		5	x	15.900	60	82
200	1	x	2.400	38	36	450	1	x	7.500	55	50
	2	x	2.900	42	49		2	x	9.400	55	53
	3	x	4.200	48	42		3	x	12.200	60	47
	4	x	5.000	55	60		4	x	14.200	65	67
	5	x	6.500	55	70		5	x	18.300	65	82
212	1	x	2.700	40	36	500	1	x	10.500	55	50
	2	x	3.400	42	49		2	x	10.700	55	55
	3	x	4.400	42	42		3	x	13.500	60	60
	4	x	5.700	42	60		4	x	16.300	65	67
	5	x	6.900	42	70		5	x	22.800	65	82
225	1	x	2.800	40	36	560	1	x	14.000	55	60
	2	x	3.900	42	49		2	x	13.100	55	60
	3	x	4.600	42	42		3	x	15.600	60	74
	4	x	6.500	42	60		4	x	19.400	65	67
	5	x	7.300	42	70		5	x	24.500	65	82
236	1	x	3.300	38	36						
	2	x	4.100	42	49						
	3	x	4.900	48	47						
	4	x	6.200	55	60						
	5	x	7.500	55	70						
250	1	x	3.400	42	36						
	2	x	4.300	48	49						
	3	x	5.300	48	47						
	4	x	7.000	55	60						
	5	x	7.900	60	70						
280	1	x	3.900	42	44						
	2	x	5.400	48	53						
	3	x	6.500	48	47						
	4	x	8.500	55	60						
	5	x	9.900	60	70						
300	1	x	4.300	48	44						
	2	x	5.900	48	53						
	3	x	7.500	55	47						
	4	x	9.800	55	60						
	5	x	11.300	60	70						
315	1	x	4.800	48	44						
	2	x	6.600	48	53						
	3	x	8.800	55	47						
	4	x	11.100	55	60						
	5	x	10.500	60	70						
355	1	x	5.500	48	44						
	2	x	7.700	55	53						
	3	x	9.600	55	47						
	4	x	11.800	55	60						
	5	x	13.800	60	70						

No. of grooves z	1	2	3	4	5
Face width b ₂ (mm)	20	35	50	67	82

● Solid pulley ○ Plate pulley (with or without holes) x Spoked pulley
 ▲ only for profile I3
 Hub position: one side flush
 Material: EN-GJL 200 - DIN EN 1561

Datum diameter d_d (mm)	No. of grooves	Type	Weight (≈kg)	Finished bore hole d_{max} (mm)	Hub length l (mm)	Datum diameter d_d (mm)	No. of grooves	Type	Weight (≈kg)	Finished bore hole d_{max} (mm)	Hub length l (mm)
SPB/17											
56▲	1	○	0.600	20	41	118▲	1	○	1.600	32	41
	2	○	1.000	20	60		2	○	2.400	38	60
	3	○	1.100	22	62		3	○	3.200	42	55
63▲	1	○	0.800	20	41		4	○	5.200	42	70
	2	○	1.200	20	60		5	○	7.200	42	75
	3	○	1.200	22	62		6	○	6.600	42	85
71▲	1	○	0.800	22	41	125▲	1	○	1.700	32	41
	2	○	1.300	22	60		2	○	2.600	38	60
	3	○	1.600	22	55		3	○	3.300	42	55
75▲	1	○	0.800	25	41		4	○	4.700	42	70
	2	○	1.400	25	60		5	○	8.600	42	75
	3	○	1.900	25	62		6	○	8.000	48	85
80▲	1	○	1.000	28	41	132▲	1	○	1.900	30	41
	2	○	1.700	28	60		2	○	2.600	30	60
	3	○	2.100	28	55		3	○	3.500	42	55
	4	○	2.400	28	70		4	○	6.300	42	70
	5	○	2.700	28	80		5	○	9.400	42	75
85▲	1	○	1.100	30	41		140	6	○	8.500	42
	2	○	1.700	30	60	1		○	2.100	32	41
	3	○	2.200	30	55	2		○	2.900	38	60
	4	○	2.700	30	70	3		○	3.900	42	55
	5	○	3.000	30	75	4		○	6.900	42	70
90▲	1	○	1.200	32	41	150		5	○	7.600	48
	2	○	1.800	38	60		6	○	11.400	48	85
	3	○	2.300	38	55		1	○	2.400	32	43
	4	○	3.100	38	70		2	○	3.200	38	48
	5	○	3.300	38	75		3	○	4.300	42	60
95▲	1	○	1.300	35	41		160	4	○	6.800	42
	2	○	2.000	38	60	5		○	8.400	48	75
	3	○	2.500	38	67	6		○	12.100	48	85
	4	○	2.900	38	70	1		x	2.500	38	43
	5	○	3.600	38	75	2		x	3.300	42	48
100▲	1	○	1.300	32	41	170		3	x	4.600	48
	2	○	2.100	38	60		4	○	7.000	48	70
	3	○	2.900	38	55		5	○	9.400	48	75
	4	○	3.800	38	70		6	○	12.900	55	85
	5	○	4.500	38	75		1	x	2.900	42	43
	6	○	5.200	38	124		2	x	3.400	42	48
106▲	1	○	1.500	28	41	180	3	x	4.900	42	60
	2	○	2.000	28	60		4	○	7.200	48	70
	3	○	3.000	30	55		5	○	8.900	48	75
	4	○	4.300	30	70		6	○	13.100	48	85
	5	○	5.100	32	75		1	x	3.100	38	43
	6	○	6.000	32	124		2	x	3.900	42	48
112▲	1	○	1.500	32	41		3	x	5.300	48	60
	2	○	2.400	38	60		4	x	7.400	48	70
	3	○	3.100	38	55		5	○	9.100	55	75
	4	○	4.800	42	67		6	○	10.800	60	85
	5	○	5.600	42	75						
	6	○	6.200	42	85						



optibelt **KS V-Grooved Pulleys for Plain Boring** Profile **SPB**

Datum diameter d_d (mm)	No. of grooves	Type	Weight (\approx kg)	Finished bore hole d_{max} (mm)	Hub length l (mm)	Datum diameter d_d (mm)	No. of grooves	Type	Weight (\approx kg)	Finished bore hole d_{max} (mm)	Hub length l (mm)
190	1	x	3.200	42	43	355	1	x	7.000	48	49
	2	x	4.200	42	48		2	x	9.700	55	55
	3	x	5.500	42	60		3	x	13.400	55	67
	4	x	7.700	48	70		4	x	18.300	60	80
	5	○	9.200	50	75		5	x	18.800	65	75
	6	○	12.000	55	85		6	x	19.800	75	90
200	1	x	3.400	38	43	400	1	x	8.500	50	49
	2	x	4.500	42	48		2	x	10.000	55	55
	3	x	5.900	48	60		3	x	14.300	60	67
	4	x	8.000	50	60		4	x	18.500	65	80
	5	○	9.500	55	80		5	x	22.500	70	85
	6	○	12.200	60	90		6	x	28.000	75	90
212	1	x	3.800	42	43	450	1	x	9.900	50	55
	2	x	4.700	42	48		2	x	10.900	55	55
	3	x	6.200	48	60		3	x	15.100	60	67
	4	x	7.700	50	70		4	x	20.500	65	80
	5	x	10.300	50	80		5	x	26.000	70	80
	6	○	13.500	55	90		6	x	28.900	75	90
225	1	x	4.000	42	43	500	1	x	10.700	50	55
	2	x	5.400	42	48		2	x	13.700	60	59
	3	x	6.900	48	60		3	x	15.200	65	67
	4	x	8.600	55	70		4	x	21.300	70	80
	5	○	11.700	50	90		5	x	30.000	75	80
	6	○	14.800	55	90		6	x	33.800	80	90
250	1	x	4.200	42	43	560	2	x	15.000	60	55
	2	x	6.100	48	55		3	x	24.200	65	67
	3	x	8.600	55	60		4	x	26.000	70	80
	4	x	9.800	60	70		5	x	34.400	75	80
	5	x	13.200	65	80		6	x	39.000	80	90
	6	x	17.000	65	90						
280	1	x	5.700	48	49	630	2	x	20.200	60	80
	2	x	7.000	48	55		3	x	27.000	65	80
	3	x	9.700	55	60		4	x	30.800	75	86
	4	x	11.500	60	70		5	x	37.200	80	90
	5	x	15.500	65	80		6	x	44.000	90	100
	6	x	18.000	65	90						
300	1	x	5.900	48	49						
	2	x	7.500	48	55						
	3	x	10.500	55	67						
	4	x	12.400	60	80						
	5	x	16.500	65	80						
	6	x	18.300	70	90						
315	1	x	6.400	48	49						
	2	x	8.200	55	55						
	3	x	12.900	55	67						
	4	x	13.000	60	80						
	5	x	17.600	65	80						
	6	x	20.600	75	90						

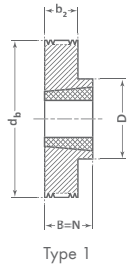
No. of grooves z	1	2	3	4	5	6
Face width b_2 (mm)	25	44	63	86	105	124

● Solid pulley ○ Plate pulley (with or without holes) x Spoked pulley
 ▲ only for profile 17
 Hub position: one side flush
 Material: EN-GJL 200 - DIN EN 1561

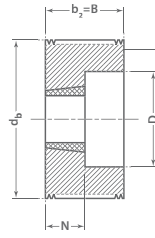
Datum diameter d_d (mm)	No. of grooves	Type	Weight (≈kg)	Finished bore hole d_{max} (mm)	Hub length l (mm)	Datum diameter d_d (mm)	No. of grooves	Type	Weight (≈kg)	Finished bore hole d_{max} (mm)	Hub length l (mm)
SPC/22											
180	1*	○	4.200	40	54	450	2*	x	21.100	70	80
	2*	○	7.200	50	64		3*	x	26.300	75	90
	3*	○	10.400	55	90		4*	x	31.100	75	105
	4*	○	10.500	55	95		5*	x	42.200	80	110
	5*	○	18.000	60	100		6*	x	48.500	80	120
	6*	○	23.600	65	115						
200	1*	○	4.800	40	54	500	3*	x	28.400	75	90
	2*	○	7.800	50	64		4*	x	34.100	75	105
	3*	○	8.800	55	90		5*	x	48.200	80	110
	4*	○	11.200	60	95		6*	x	52.500	80	120
	5*	○	15.400	65	100						
	6*	○	27.000	70	125						
225	1*	x	5.500	48	54	560	3*	x	31.100	75	90
	2*	x	7.800	52	64		4*	x	39.000	75	105
	3*	x	10.600	52	90		5*	x	54.100	80	110
	4*	x	13.100	55	95		6*	x	61.500	85	120
	5*	x	16.700	60	100						
	6*	x	35.000	60	115						
250	1*	x	7.300	52	54	630	3*	x	38.500	80	90
	2*	x	8.800	52	64		4*	x	48.100	80	105
	3*	x	11.000	65	90		5*	x	62.200	85	110
	4*	x	15.300	70	95		6*	x	73.200	85	120
	5*	x	19.000	75	100						
	6*	x	23.700	60	115						
280	1*	x	8.700	52	54						
	2*	x	10.900	55	64						
	3*	x	15.600	70	90						
	4*	x	17.500	75	95						
	5*	x	20.500	75	100						
	6*	x	23.700	60	115						
315	1*	x	9.100	52	54						
	2*	x	13.000	55	74						
	3*	x	17.100	70	90						
	4*	x	20.000	75	95						
	5*	x	24.700	80	100						
	6*	x	31.200	85	115						
335	2*	x	14.000	55	74						
	3*	x	18.300	55	90						
	4*	x	22.400	60	95						
	5*	x	28.300	65	100						
	6*	x	34.400	75	115						
	2*	x	15.200	60	74						
355	3*	x	19.200	70	90						
	4*	x	25.800	70	95						
	5*	x	32.000	75	100						
	6*	x	36.200	75	115						
	3*	x	20.600	70	90						
	4*	x	28.000	70	105						
400	5*	x	32.000	75	100						

No. of grooves z	1	2	3	4	5	6
Face width b_2 (mm)	38	64	90	116	142	168

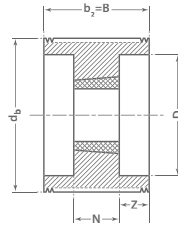
● Spoiled pulley ○ Plate pulley (with or without holes) x Spoked pulley
 * Non stock items
 Hub position: one side flush
 Material: EN-GJL 200 - DIN EN 1561



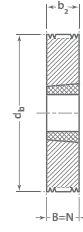
Type 1



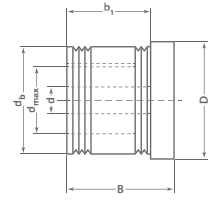
Type 2



Type 3



Type 4



Type VB

Description	No. of ribs	Type	Material	d_b (mm)	b_2 (mm)	B (mm)	N (mm)	D (mm)	Taper bushing
4PJ									
TB 4 PJ 47,5	4	1	GG	47.5	13	23.0	23	47.5	1008
TB 4 PJ 52,5	4	1	GG	52.5	13	23.0	23	47.5	1008
TB 4 PJ 57,5	4	1	GG	57.5	13	23.0	23	54.0	1108
TB 4 PJ 62,5	4	1	GG	62.5	13	23.0	23	54.0	1108
TB 4 PJ 67,5	4	1	GG	67.5	13	23.0	23	54.0	1108
TB 4 PJ 72,5	4	1	GG	72.5	13	23.0	23	54.0	1108
TB 4 PJ 77,5	4	1	GG	77.5	13	26.0	26	70.0	1210
TB 4 PJ 82,5	4	1	GG	82.5	13	26.0	26	78.0	1210
TB 4 PJ 87,5	4	1	GG	87.5	13	26.0	26	78.0	1210
TB 4 PJ 92,5	4	1	GG	92.5	13	26.0	26	78.0	1210
TB 4 PJ 97,5	4	1	GG	97.5	13	26.0	26	78.0	1210
TB 4 PJ 102,5	4	1	GG	102.5	13	26.0	26	85.0	1610
TB 4 PJ 107,5	4	1	GG	107.5	13	26.0	26	85.0	1610
TB 4 PJ 112,5	4	1	GG	112.5	13	26.0	26	85.0	1610
TB 4 PJ 117,5	4	1	GG	117.5	13	26.0	26	85.0	1610
TB 4 PJ 122,5	4	1	GG	122.5	13	26.0	26	85.0	1610
TB 4 PJ 127,5	4	1	GG	127.5	13	26.0	26	85.0	1610
TB 4 PJ 137,5	4	1	GG	137.5	13	26.0	26	85.0	1610
TB 4 PJ 152,5	4	1	GG	152.5	13	26.0	26	85.0	1610
TB 4 PJ 162,5	4	1	GG	162.5	13	26.0	26	85.0	1610
TB 4 PJ 172,5	4	1	GG	172.5	13	26.0	26	85.0	1610
TB 4 PJ 182,5	4	1	GG	182.5	13	26.0	26	85.0	1610
TB 4 PJ 192,5	4	1	GG	192.5	13	26.0	26	85.0	1610
TB 4 PJ 202,5	4	1	GG	202.5	13	33.0	33	100.0	2012
TB 4 PJ 222,5	4	1	GG	222.5	13	33.0	33	100.0	2012
8PJ									
TB 8 PJ 47,5	8	4	GG	47.5	23	23.0	23	-	1008
TB 8 PJ 52,5	8	4	GG	52.5	23	23.0	23	-	1008
TB 8 PJ 57,5	8	4	GG	57.5	23	23.0	23	-	1108
TB 8 PJ 62,5	8	4	GG	62.5	23	23.0	23	-	1108
TB 8 PJ 67,5	8	4	GG	67.5	23	23.0	23	-	1108
TB 8 PJ 72,5	8	4	GG	72.5	23	23.0	23	-	1108
TB 8 PJ 77,5	8	1	GG	77.5	23	26.0	26	70.0	1210
TB 8 PJ 82,5	8	1	GG	82.5	23	26.0	26	78.0	1210
TB 8 PJ 87,5	8	1	GG	87.5	23	26.0	26	78.0	1210
TB 8 PJ 92,5	8	1	GG	92.5	23	26.0	26	78.0	1210
TB 8 PJ 97,5	8	1	GG	97.5	23	26.0	26	78.0	1210
TB 8 PJ 102,5	8	1	GG	102.5	23	26.0	26	85.0	1610
TB 8 PJ 107,5	8	1	GG	107.5	23	26.0	26	85.0	1610
TB 8 PJ 112,5	8	1	GG	112.5	23	26.0	26	85.0	1610
TB 8 PJ 117,5	8	1	GG	117.5	23	26.0	26	85.0	1610
TB 8 PJ 122,5	8	1	GG	122.5	23	26.0	26	85.0	1610
TB 8 PJ 127,5	8	1	GG	127.5	23	26.0	26	85.0	1610
TB 8 PJ 137,5	8	1	GG	137.5	23	26.0	26	85.0	1610



Description	No. of ribs	Type	Material	d _b (mm)	b ₂ (mm)	B (mm)	N (mm)	D (mm)	Taper bushing
TB 8 PJ 152,5	8	1	GG	152.5	23	26.0	26	85.0	1610
TB 8 PJ 162,5	8	1	GG	162.5	23	26.0	26	85.0	1610
TB 8 PJ 172,5	8	1	GG	172.5	23	26.0	26	85.0	1610
TB 8 PJ 182,5	8	1	GG	182.5	23	26.0	26	85.0	1610
TB 8 PJ 192,5	8	1	GG	192.5	23	26.0	26	85.0	1610
TB 8 PJ 202,5	8	1	GG	202.5	23	33.0	33	100.0	2012
TB 8 PJ 222,5	8	1	GG	222.5	23	33.0	33	100.0	2012
12PJ									
TB 12 PJ 62,5	12	2	GG	62.5	32	32.0	23	50.0	1108
TB 12 PJ 67,5	12	2	GG	67.5	32	32.0	23	50.0	1108
TB 12 PJ 72,5	12	2	GG	72.5	32	32.0	23	50.0	1108
TB 12 PJ 77,5	12	2	GG	77.5	32	32.0	26	62.0	1210
TB 12 PJ 82,5	12	2	GG	82.5	32	32.0	26	62.0	1210
TB 12 PJ 87,5	12	2	GG	87.5	32	32.0	26	70.0	1610
TB 12 PJ 92,5	12	2	GG	92.5	32	32.0	26	70.0	1610
TB 12 PJ 97,5	12	2	GG	97.5	32	32.0	26	70.0	1610
TB 12 PJ 102,5	12	2	GG	102.5	32	32.0	26	70.0	1610
TB 12 PJ 107,5	12	2	GG	107.5	32	32.0	26	70.0	1610
TB 12 PJ 112,5	12	2	GG	112.5	32	32.0	26	70.0	1610
TB 12 PJ 117,5	12	2	GG	117.5	32	32.0	26	70.0	1610
TB 12 PJ 122,5	12	2	GG	122.5	32	32.0	26	70.0	1610
TB 12 PJ 127,5	12	1	GG	127.5	32	32.0	33	100.0	2012
TB 12 PJ 137,5	12	1	GG	137.5	32	32.0	33	100.0	2012
TB 12 PJ 152,5	12	1	GG	152.5	32	32.0	33	100.0	2012
TB 12 PJ 162,5	12	1	GG	162.5	32	32.0	33	100.0	2012
TB 12 PJ 172,5	12	1	GG	172.5	32	32.0	33	100.0	2012
TB 12 PJ 182,5	12	1	GG	182.5	32	46.0	46	110.0	2517
TB 12 PJ 192,5	12	1	GG	192.5	32	46.0	46	110.0	2517
TB 12 PJ 202,5	12	1	GG	202.5	32	46.0	46	110.0	2517
TB 12 PJ 222,5	12	1	GG	222.5	32	46.0	46	110.0	2517
16PJ									
TB 16 PJ 62,5	16	2	GG	62.5	41	41.0	23	50.0	1108
TB 16 PJ 67,5	16	2	GG	67.5	41	41.0	23	50.0	1108
TB 16 PJ 72,5	16	2	GG	72.5	41	41.0	26	62.0	1210
TB 16 PJ 77,5	16	2	GG	77.5	41	41.0	26	62.0	1210
TB 16 PJ 82,5	16	2	GG	82.5	41	41.0	26	62.0	1210
TB 16 PJ 87,5	16	2	GG	87.5	41	41.0	26	70.0	1610
TB 16 PJ 92,5	16	2	GG	92.5	41	41.0	26	70.0	1610
TB 16 PJ 97,5	16	2	GG	97.5	41	41.0	26	70.0	1610
TB 16 PJ 102,5	16	2	GG	102.5	41	41.0	26	70.0	1610
TB 16 PJ 107,5	16	2	GG	107.5	41	41.0	26	70.0	1610
TB 16 PJ 112,5	16	2	GG	112.5	41	41.0	33	85.0	2012
TB 16 PJ 117,5	16	2	GG	117.5	41	41.0	33	85.0	2012
TB 16 PJ 122,5	16	2	GG	122.5	41	41.0	33	85.0	2012
TB 16 PJ 127,5	16	2	GG	127.5	41	41.0	33	85.0	2012
TB 16 PJ 137,5	16	2	GG	137.5	41	41.0	33	85.0	2012
TB 16 PJ 152,5	16	2	GG	152.5	41	41.0	33	85.0	2012
TB 16 PJ 162,5	16	2	GG	162.5	41	41.0	33	85.0	2012
TB 16 PJ 172,5	16	2	GG	172.5	41	41.0	33	85.0	2012
TB 16 PJ 182,5	16	1	GG	182.5	41	46.0	46	110.0	2517
TB 16 PJ 192,5	16	1	GG	192.5	41	46.0	46	110.0	2517
TB 16 PJ 202,5	16	1	GG	202.5	41	46.0	46	110.0	2517



**optibelt RBS Ribbed Belt Pulleys for Taper Bushings
Profile PL**

Description	No. of ribs	Type	Material	d _b (mm)	b ₂ (mm)	B (mm)	N (mm)	D (mm)	Taper bushing
TB 16 PJ 222,5	16	1	GG	222.5	41	46.0	46	110.0	2517
6PL									
TB 6 PL 78*	6	2	GG	78.0	33	33.0	26	62.0	1210
TB 6 PL 83*	6	2	GG	83.0	33	33.0	26	62.0	1210
TB 6 PL 88*	6	2	GG	88.0	33	33.0	26	70.0	1610
TB 6 PL 93*	6	2	GG	93.0	33	33.0	26	70.0	1610
TB 6 PL 98*	6	2	GG	98.0	33	33.0	26	70.0	1610
TB 6 PL 103*	6	2	GG	103.0	33	33.0	26	70.0	1610
TB 6 PL 108*	6	2	GG	108.0	33	33.0	26	70.0	1610
TB 6 PL 113*	6	2	GG	113.0	33	33.0	26	70.0	1610
TB 6 PL 118*	6	2	GG	118.0	33	33.0	26	70.0	1610
TB 6 PL 123*	6	4	GG	123.0	33	33.0	33	-	2012
TB 6 PL 133*	6	4	GG	133.0	33	33.0	33	-	2012
TB 6 PL 148*	6	4	GG	148.0	33	33.0	33	-	2012
TB 6 PL 158*	6	4	GG	158.0	33	33.0	33	-	2012
TB 6 PL 168*	6	4	GG	168.0	33	33.0	33	-	2012
TB 6 PL 178*	6	1	GG	178.0	33	46.0	46	110.0	2517
TB 6 PL 188*	6	1	GG	188.0	33	46.0	46	110.0	2517
TB 6 PL 198*	6	1	GG	198.0	33	46.0	46	110.0	2517
TB 6 PL 218*	6	1	GG	218.0	33	46.0	46	110.0	2517
TB 6 PL 238*	6	1	GG	238.0	33	46.0	46	110.0	2517
TB 6 PL 258*	6	1	GG	258.0	33	46.0	46	110.0	2517
TB 6 PL 278*	6	1	GG	278.0	33	46.0	46	110.0	2517
TB 6 PL 298*	6	1	GG	298.0	33	46.0	46	110.0	2517
TB 6 PL 318*	6	1	GG	318.0	33	46.0	46	110.0	2517
TB 6 PL 348*	6	1	GG	348.0	33	46.0	46	110.0	2517
TB 6 PL 388*	6	1	GG	388.0	33	46.0	46	110.0	2517
8PL									
TB 8 PL 78*	8	2	GG	78.0	42	42.0	26	62.0	1210
TB 8 PL 83*	8	2	GG	83.0	42	42.0	26	62.0	1210
TB 8 PL 88*	8	2	GG	88.0	42	42.0	26	70.0	1610
TB 8 PL 93*	8	2	GG	93.0	42	42.0	26	70.0	1610
TB 8 PL 98*	8	2	GG	98.0	42	42.0	26	70.0	1610
TB 8 PL 103*	8	2	GG	103.0	42	42.0	33	85.0	2012
TB 8 PL 108*	8	2	GG	108.0	42	42.0	33	85.0	2012
TB 8 PL 113*	8	2	GG	113.0	42	42.0	33	85.0	2012
TB 8 PL 118*	8	2	GG	118.0	42	42.0	33	85.0	2012
TB 8 PL 123*	8	2	GG	123.0	42	42.0	33	85.0	2012
TB 8 PL 133*	8	2	GG	133.0	42	42.0	33	85.0	2012
TB 8 PL 148*	8	2	GG	148.0	42	42.0	33	85.0	2012
TB 8 PL 158*	8	2	GG	158.0	42	42.0	33	85.0	2012
TB 8 PL 168*	8	2	GG	168.0	42	42.0	33	85.0	2012
TB 8 PL 178*	8	1	GG	178.0	42	46.0	46	110.0	2517
TB 8 PL 188*	8	1	GG	188.0	42	46.0	46	110.0	2517
TB 8 PL 198*	8	1	GG	198.0	42	46.0	46	110.0	2517
TB 8 PL 218*	8	1	GG	218.0	42	46.0	46	110.0	2517
TB 8 PL 238*	8	1	GG	238.0	42	46.0	46	110.0	2517
TB 8 PL 258*	8	1	GG	258.0	42	46.0	46	110.0	2517
TB 8 PL 278*	8	1	GG	278.0	42	46.0	46	110.0	2517
TB 8 PL 298*	8	1	GG	298.0	42	46.0	46	110.0	2517
TB 8 PL 318*	8	1	GG	318.0	42	46.0	46	110.0	2517
TB 8 PL 348*	8	1	GG	348.0	42	46.0	46	110.0	2517



Description	No. of ribs	Type	Material	d _b (mm)	b ₂ (mm)	B (mm)	N (mm)	D (mm)	Taper bushing	
TB 8 PL 388*	8	1	GG	388.0	42	46.0	46	110.0	2517	
10PL										
TB 10 PL 88*	10	3	GG	88.0	53	53.0	26	70.0	1610	
TB 10 PL 93*	10	3	GG	93.0	53	53.0	26	70.0	1610	
TB 10 PL 98*	10	3	GG	98.0	53	53.0	26	70.0	1610	
TB 10 PL 103*	10	2	GG	103.0	53	53.0	33	85.0	2012	
TB 10 PL 108*	10	2	GG	108.0	53	53.0	33	85.0	2012	
TB 10 PL 113*	10	2	GG	113.0	53	53.0	33	85.0	2012	
TB 10 PL 118*	10	2	GG	118.0	53	53.0	33	85.0	2012	
TB 10 PL 123*	10	2	GG	123.0	53	53.0	33	85.0	2012	
TB 10 PL 133*	10	2	GG	133.0	53	53.0	33	85.0	2012	
TB 10 PL 148*	10	2	GG	148.0	53	53.0	33	85.0	2012	
TB 10 PL 158*	10	2	GG	158.0	53	53.0	33	85.0	2012	
TB 10 PL 168*	10	2	GG	168.0	53	53.0	33	85.0	2012	
TB 10 PL 178*	10	2	GG	178.0	53	53.0	46	105.0	2517	
TB 10 PL 188*	10	2	GG	188.0	53	53.0	46	105.0	2517	
TB 10 PL 198*	10	2	GG	198.0	53	53.0	46	105.0	2517	
TB 10 PL 218*	10	2	GG	218.0	53	53.0	46	105.0	2517	
TB 10 PL 238*	10	2	GG	238.0	53	53.0	46	105.0	2517	
TB 10 PL 258*	10	2	GG	258.0	53	53.0	46	105.0	2517	
TB 10 PL 278*	10	2	GG	278.0	53	53.0	46	105.0	2517	
TB 10 PL 298*	10	2	GG	298.0	53	53.0	46	105.0	2517	
TB 10 PL 318*	10	2	GG	318.0	53	53.0	46	105.0	2517	
TB 10 PL 348*	10	2	GG	348.0	53	53.0	46	105.0	2517	
TB 10 PL 388*	10	2	GG	388.0	53	53.0	46	105.0	2517	
12PL										
TB 12 PL 88*	12	3	GG	88.0	62	62.0	26	70.0	1610	
TB 12 PL 93*	12	3	GG	93.0	62	62.0	26	70.0	1610	
TB 12 PL 98*	12	3	GG	98.0	62	62.0	26	70.0	1610	
TB 12 PL 103*	12	3	GG	103.0	62	62.0	33	85.0	2012	
TB 12 PL 108*	12	3	GG	108.0	62	62.0	33	85.0	2012	
TB 12 PL 113*	12	3	GG	113.0	62	62.0	33	85.0	2012	
TB 12 PL 118*	12	3	GG	118.0	62	62.0	33	85.0	2012	
TB 12 PL 123*	12	3	GG	123.0	62	62.0	33	85.0	2012	
TB 12 PL 133*	12	3	GG	133.0	62	62.0	33	85.0	2012	
TB 12 PL 148*	12	2	GG	148.0	62	62.0	46	105.0	2517	
TB 12 PL 158*	12	2	GG	158.0	62	62.0	46	105.0	2517	
TB 12 PL 168*	12	2	GG	168.0	62	62.0	46	105.0	2517	
TB 12 PL 178*	12	2	GG	178.0	62	62.0	46	105.0	2517	
TB 12 PL 188*	12	2	GG	188.0	62	62.0	46	105.0	2517	
TB 12 PL 198*	12	2	GG	198.0	62	62.0	46	105.0	2517	
TB 12 PL 218*	12	2	GG	218.0	62	62.0	46	105.0	2517	
TB 12 PL 238*	12	2	GG	238.0	62	62.0	52	130.0	3020	
TB 12 PL 258*	12	2	GG	258.0	62	62.0	52	130.0	3020	
TB 12 PL 278*	12	2	GG	278.0	62	62.0	52	130.0	3020	
TB 12 PL 298*	12	2	GG	298.0	62	62.0	52	130.0	3020	
TB 12 PL 318*	12	2	GG	318.0	62	62.0	52	130.0	3020	
TB 12 PL 348*	12	2	GG	348.0	62	62.0	52	130.0	3020	
TB 12 PL 388*	12	2	GG	388.0	62	62.0	52	130.0	3020	
16PL										
TB 16 PL 103*	16	3	GG	103.0	80	80.0	33	85.0	2012	
TB 16 PL 108*	16	3	GG	108.0	80	80.0	33	85.0	2012	

Description	No. of ribs	Type	Material	d _b (mm)	b ₂ (mm)	B (mm)	N (mm)	D (mm)	Taper bushing
TB 16 PL 113*	16	3	GG	113.0	80	80.0	33	85.0	2012
TB 16 PL 118*	16	3	GG	118.0	80	80.0	33	85.0	2012
TB 16 PL 123*	16	3	GG	123.0	80	80.0	33	85.0	2012
TB 16 PL 133*	16	3	GG	133.0	80	80.0	33	85.0	2012
TB 16 PL 148*	16	3	GG	148.0	80	80.0	46	105.0	2517
TB 16 PL 158*	16	3	GG	158.0	80	80.0	46	105.0	2517
TB 16 PL 168*	16	3	GG	168.0	80	80.0	46	105.0	2517
TB 16 PL 178*	16	3	GG	178.0	80	80.0	46	105.0	2517
TB 16 PL 188*	16	3	GG	188.0	80	80.0	46	105.0	2517
TB 16 PL 198*	16	3	GG	198.0	80	80.0	46	105.0	2517
TB 16 PL 218*	16	3	GG	218.0	80	80.0	46	105.0	2517
TB 16 PL 238*	16	3	GG	238.0	80	80.0	52	130.0	3020
TB 16 PL 258*	16	3	GG	258.0	80	80.0	52	130.0	3020
TB 16 PL 278*	16	3	GG	278.0	80	80.0	52	130.0	3020
TB 16 PL 298*	16	3	GG	298.0	80	80.0	52	130.0	3020
TB 16 PL 318*	16	3	GG	318.0	80	80.0	52	130.0	3020
TB 16 PL 348*	16	3	GG	348.0	80	80.0	52	130.0	3020
TB 16 PL 388*	16	3	GG	388.0	80	80.0	52	130.0	3020

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

GG = Cast iron. Further sizes on request. We reserve the right to make technical changes.
Bore diameters d₂ see page 4.

**optibelt RBS Ribbed Belt Pulleys for Plain Boring
Profile PJ**

Description	No. of ribs	Type	Material	d _b (mm)	b ₁ (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Weight (≈kg)
4PJ										
4 PJ 22,5	4	VB	GG	22.5	13.0	20.0	25.0	8	12	0.045
4 PJ 27,5	4	VB	GG	27.5	13.0	20.0	30.0	8	14	0.070
4 PJ 32,5	4	VB	GG	32.5	13.0	20.0	35.0	8	18	0.100
4 PJ 37,5	4	VB	GG	37.5	13.0	20.0	40.0	8	20	0.135
4 PJ 42,5	4	VB	GG	42.5	13.0	20.0	45.0	8	22	0.180
8PJ										
8 PJ 22,5	8	VB	GG	22.5	23.0	30.0	25.0	8	12	0.063
8 PJ 27,5	8	VB	GG	27.5	23.0	30.0	30.0	8	14	0.100
8 PJ 32,5	8	VB	GG	32.5	23.0	30.0	35.0	8	18	0.150
8 PJ 37,5	8	VB	GG	37.5	23.0	30.0	40.0	8	20	0.200
8 PJ 42,5	8	VB	GG	42.5	23.0	30.0	45.0	8	22	0.265
12PJ										
12 PJ 22,5	12	VB	GG	22.5	32.0	40.0	25.0	8	12	0.086
12 PJ 27,5	12	VB	GG	27.5	32.0	40.0	30.0	8	14	0.140
12 PJ 32,5	12	VB	GG	32.5	32.0	40.0	35.0	8	18	0.200
12 PJ 37,5	12	VB	GG	37.5	32.0	40.0	40.0	8	20	0.280
12 PJ 42,5	12	VB	GG	42.5	32.0	40.0	45.0	8	22	0.360

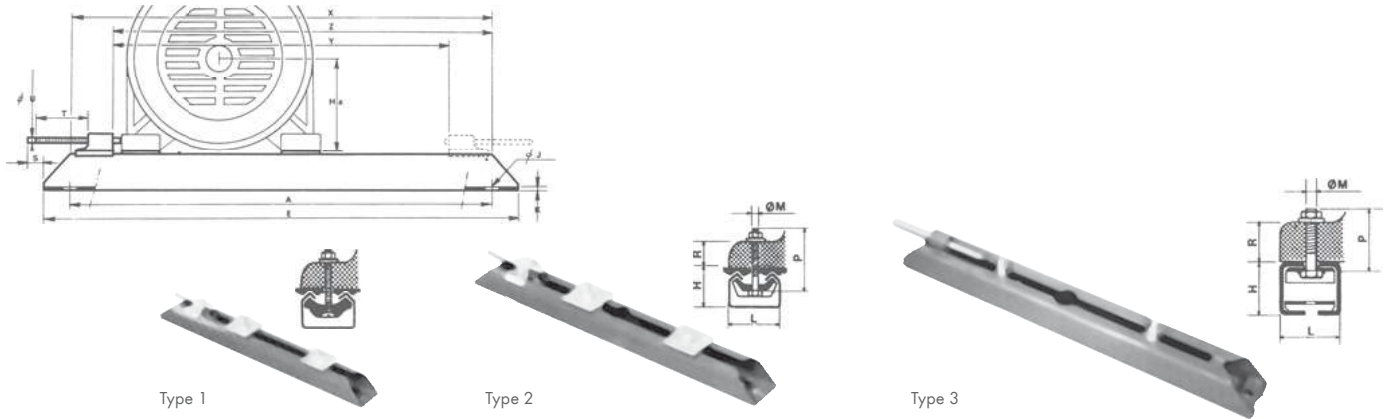
GG = Cast iron. Further sizes on request. We reserve the right to make technical changes.



Description	Taper bushing	Description	Taper bushing
FS		TB 315 x 200*	4040
TB 63 x 50*	1108	TB 355 x 100*	3030
TB 80 x 50*	1210	TB 355 x 125*	3030
TB 80 x 80*	1615	TB 355 x 160*	3535
TB 90 x 50*	1615	TB 355 x 200*	4040
TB 90 x 80*	1615	TB 400 x 100*	3535
TB 90 x 100*	1615	TB 400 x 125*	3535
TB 100 x 50*	1615	TB 400 x 160*	3535
TB 100 x 80*	1615	TB 400 x 200*	4040
TB 100 x 100*	1615	TB 450 x 160*	3535
TB 125 x 50*	2012	TB 450 x 200*	4040
TB 125 x 80*	2517	TB 500 x 160*	4040
TB 125 x 100*	2517	TB 500 x 200*	4545
TB 125 x 125*	2517	TB 560 x 160*	4040
TB 140 x 50*	2012	TB 560 x 200*	4545
TB 140 x 80*	2517	TB 630 x 160*	4545
TB 140 x 100*	3020	TB 630 x 200*	5050
TB 140 x 125*	3030		
TB 150 x 50*	2012		
TB 150 x 80*	2517		
TB 150 x 100*	3020		
TB 150 x 125*	3030		
TB 150 x 160*	3030		
TB 160 x 50*	2012		
TB 160 x 80*	2517		
TB 160 x 100*	3020		
TB 160 x 125*	3030		
TB 160 x 160*	3030		
TB 180 x 80*	2517		
TB 180 x 100*	3020		
TB 180 x 125*	3030		
TB 180 x 160*	3030		
TB 200 x 80*	2517		
TB 200 x 100*	3020		
TB 200 x 125*	3030		
TB 200 x 160*	3030		
TB 224 x 50*	2517		
TB 224 x 80*	2517		
TB 224 x 100*	3020		
TB 224 x 125*	3030		
TB 224 x 160*	3030		
TB 250 x 80*	2517		
TB 250 x 100*	3020		
TB 250 x 125*	3030		
TB 250 x 160*	3030		
TB 280 x 100*	3020		
TB 280 x 125*	3030		
TB 280 x 160*	3535		
TB 280 x 200*	4040		
TB 315 x 100*	3020		
TB 315 x 125*	3030		
TB 315 x 160*	3535		

Taper bushing	1108	1210	1615	2012	2517	3020	3030	3535	4040	4545	5050
Bore d ₂ (mm) from... to...	10-28	11-32	14-42	14-50	16-60	25-75	35-75	35-90	40-100	55-110	70-125

Bore diameters d₂ see page 4. Material: EN-GJL 200 - DIN EN 1561
 We reserve the right to make technical changes.
 * Non stock item



Description	Type	Motor shaft centre height H _c (mm)	A (mm)	E (mm)	H (mm)	ØJ (mm)	K (mm)	L (mm)	ØM (mm)	P (mm)	R (mm)	S (mm)	T (mm)	U (mm)	Working length X (mm)	Working length Y (mm)	Working length Z (mm)	Weight per pair (≈kg)
S71 6VS	1	56/63/71	280.0	312.0	28.0	10.5	1.5	40.2	6.0	35.0	13.0	20.0	75.0	6.0	262.0	206.0	234.0	1.120
N300 6VS	1	80	234.0	375.0	28.0	10.5	1.5	40.2	6.0	35.0	13.0	20.0	75.0	6.0	325.0	265.0	295.0	1.300
S100 8VS	2	80/90/100	355.0	395.0	40.0	13.0	2.8	50.0	8.0	45.0	18.5	30.0	97.0	8.0	324.0	264.0	294.0	2.970
S132 10VS	2	100/112/132	480.0	530.0	49.5	15.0	7.0	60.0	10.0	55.0	23.5	37.0	119.0	9.0	442.0	368.0	405.0	6.100
N600 10VS	2	160	580.0	630.0	49.5	15.0	7.0	60.0	10.0	55.0	23.5	37.0	119.0	9.0	542.0	473.0	502.5	6.500
S180 12VS	2	160/180	630.0	686.0	60.5	19.0	7.0	75.0	12.0	70.0	34.0	5.0	154.0	12.0	575.0	475.0	525.0	10.650
S225 16GS	2	200/225	800.0	864.0	75.0	19.0	8.0	90.0	16.0	70.0	41.0	167.0	300.0	16.0	-	623.0	698.0	16.200
S280 20GS	3	250/280	1000.0	1072.0	100.0	27.0	10.0	112.0	20.0	80.0	48.0	200.0	360.0	19.0	-	764.0	864.0	36.100
S355 24GS	3	315/355	1250.0	1330.0	125.0	30.0	13.0	130.0	24.0	100.0	62.0	230.0	430.0	21.0	-	946.0	1064.0	59.500

Advantages of optibelt MS motor slide rails

- Rugged all steel construction.
- The standard motor fixing bolts are easily replaced, e.g. for heavier motor feet or for the mounting of auxiliary equipment.
- Easy motor mounting. After inserting the motor mounting bolts into the motor feet, the whole unit is pushed into the rails.
- All parts are fully corrosion protected.
- Steel tension rails: Phosphated and stone-enamelled in green.
- The adjusting bolts are zinc plated.
- The motor mounting bolts:
 - for S 71 up to S 180 are zinc plated,
 - for S 225 up to S 355 are phosphated and rust protected.

The sizes marked with „S“ (e.g. S 71) correspond to the French standard U.T.E. C-51106.

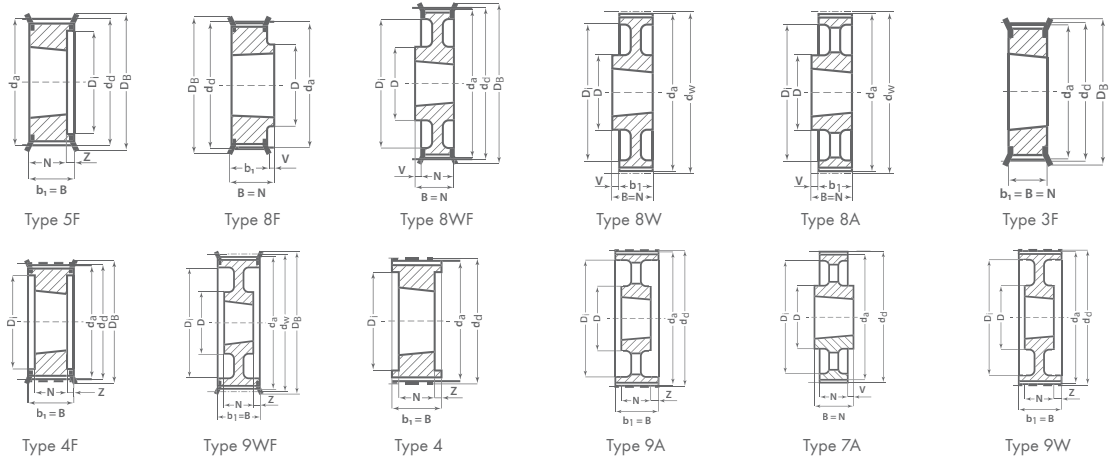
The numbers 71, 100, 132, 180, 225, 280 and 355 indicated the max. motor shaft height in mm for the individual rail types.

The numbers following the slash (6, 8, 10, 12, 16, 20, 24) indicate the thread diameters of the fixing bolts (Ø=M6).

The letters VS and GS indicate the design of the adjusting screw bracket: VS = sliding bracket

GS = fixed bracket

Slide rail part number N 300, N 400, and N 600 are not standardised. They are longer than the standard slide rails but all of the same spare parts can be used. One set of slide rails consists of 2 rails with all fixing parts.



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

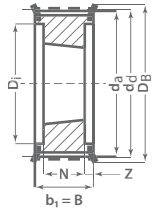
optibelt ZRS HTD Pulleys for Taper Bushings
Profile 8M



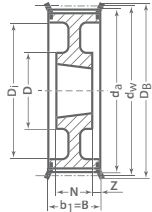
Description	Number of teeth	Type	Material	d _d (mm)	d _o (mm)	D _s (mm)	b ₁ (mm)	B (mm)	N (mm)	V (mm)	Z (mm)	D (mm)	D _i (mm)	Taper bushing	Weight without bushing (=kg)
8M - Pitch 8 mm for belt width 50 mm															
TB 28 8M 50	28	5F	GG	71.30	70.08	75.0	60.0	60.0	25	-	35.0	-	50	1210	0.600
TB 30 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

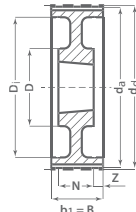
GG = Cast iron ST = Steel We reserve the right to make technical changes. * Non stock items.
Bore diameters d₂ see page 4.



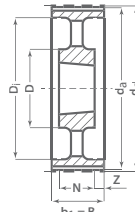
Type 4F



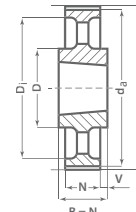
Type 9WF



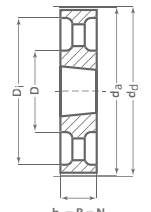
Type 9W



Type 9A



Type 7A



Type 3A

Description	Number of teeth	Type	Material	d_a (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)
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

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

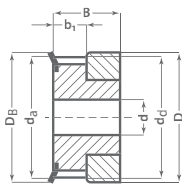


**optibelt ZRS HTD Pulleys for Taper Bushings
Profile 14M**

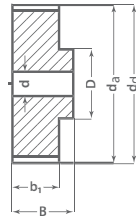
Description	Number of teeth	Type	Material	d _d (mm)	d _e (mm)	D _b (mm)	b ₁ (mm)	B (mm)	N (mm)	V (mm)	Z (mm)	D (mm)	D _i (mm)	Taper bushing	Weight without bushing (≈kg)
TB 112 14M 170*	112	9A	GG	499.11	496.32	-	187.0	187.0	127	-	30.0	-	457	5050	74.500
TB 144 14M 170*	144	9A	GG	641.71	638.92	-	187.0	187.0	127	-	30.0	265.0	600	5050	91.000
TB 168 14M 170*	168	9A	GG	748.66	745.87	-	187.0	187.0	127	-	30.0	265.0	706	5050	116.000
TB 192 14M 170*	192	9A	GG	855.62	852.82	-	187.0	187.0	127	-	30.0	265.0	813	5050	134.000
TB 216 14M 170*	216	9A	GG	962.57	959.77	-	187.0	187.0	127	-	30.0	265.0	920	5050	146.500

Taper bushing	2012	2517	3020	3030	3525	3535	4040	5050
Bore d ₂ (mm) from... to...	14-50	16-60	25-75	35-75	35-90	35-90	40-100	70-125

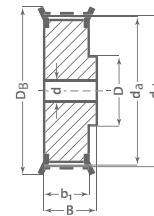
GG = Cast iron ST = Steel We reserve the right to make technical changes. * Non stock items.
Bore diameters d₂ see page 4.



Type 1F



Type 6



Type 6F

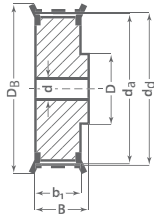
Description	Number of teeth	Type	Material	d_a (mm)	d_g (mm)	D_B (mm)	b_1 (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d_{max} (mm)	Weight (≈kg)
3M - Pitch 3 mm for belt width 6 mm												
10 3M 6*	10	1F	AL	9.55	8.79	13.0	7.2	14.5	13.0	-	3	-
12 3M 6*	12	1F	AL	11.46	10.70	15.0	7.2	14.5	15.0	-	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



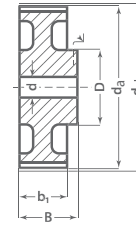
**optibelt ZRS HTD Pulleys for Plain Boring
Profile 3M**

Description	Number of teeth	Type	Material	d_o (mm)	d_a (mm)	D_b (mm)	b_f (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

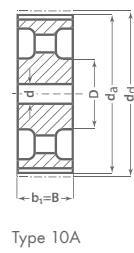
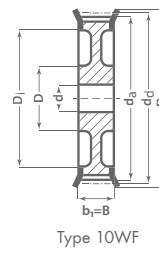
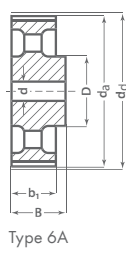
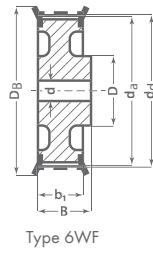
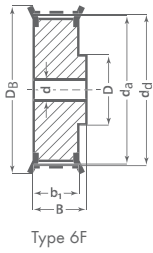
Description	Number of teeth	Type	Material	d _a (mm)	d _a (mm)	D _B (mm)	b ₁ (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Weight (=kg)
5M - Pitch 5 mm for belt width 9 mm												
12 5M 9	12	6F	ST	19.10	17.96	23.0	14.5	20.0	13.0	4	7	0.028
14 5M 9	14	6F	ST	22.28	21.14	25.0	14.5	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



optibelt ZRS HTD Pulleys for Plain Boring
Profile 5M

Description	Number of teeth	Type	Material	d _s (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)
16 5M 25	16	6F	ST	25.46	24.32	28.0	30.0	36.0	16.5	6	10	0.100
18 5M 25	18	6F	ST	28.65	27.51	32.0	30.0	36.0	20.0	6	12	0.120
20 5M 25	20	6F	ST	31.83	30.69	36.0	30.0	36.0	23.0	6	14	0.160
21 5M 25	21	6F	ST	33.42	32.28	38.0	30.0	38.0	24.0	6	14	0.190
22 5M 25	22	6F	ST	35.01	33.87	38.0	30.0	38.0	25.5	6	14	0.210
24 5M 25	24	6F	ST	38.20	37.06	42.0	30.0	38.0	27.0	6	16	0.250
26 5M 25	26	6F	ST	41.38	40.24	44.0	30.0	38.0	30.0	6	18	0.300
28 5M 25	28	6F	ST	44.56	43.42	48.0	30.0	38.0	30.5	6	18	0.350
30 5M 25	30	6F	ST	47.75	46.61	51.0	30.0	38.0	35.0	6	20	0.420
32 5M 25	32	6F	ST	50.93	49.79	54.0	30.0	38.0	38.0	8	22	0.480
36 5M 25	36	6F	ST	57.30	56.16	60.0	30.0	38.0	38.0	8	22	0.590
40 5M 25	40	6F	ST	63.66	62.52	71.0	30.0	38.0	38.0	8	22	0.740
44 5M 25	44	6W	AL	70.03	68.89	-	30.0	40.0	38.0	8	22	0.320
48 5M 25	48	6W	AL	76.39	75.25	-	30.0	40.0	38.0	8	25	0.275
60 5M 25	60	6W	AL	95.49	94.35	-	30.0	40.0	50.0	8	25	0.435
72 5M 25	72	6W	AL	114.59	113.45	-	30.0	40.0	50.0	8	25	0.525

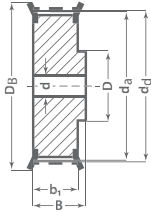
AL = Aluminium ST = Steel GG = Cast iron We reserve the right to make technical changes. * Non stock items.



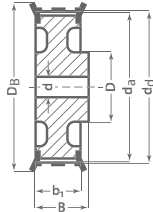
Description	Number of teeth	Type	Material	d_a (mm)	d_o (mm)	D_B (mm)	b_1 (mm)	B (mm)	D (mm)	D_i (mm)	Pilot bore d (mm)	Finished bore hole d_{max} (mm)	Weight (≈kg)
8M - Pitch 8 mm for belt width 20 mm													
22 8M 20	22	6F	ST	56.02	54.65	60.0	28.0	38.0	43.0	-	12	30	0.540
24 8M 20	24	6F	ST	61.12	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

Description	Number of teeth	Type	Material	d _a (mm)	d _e (mm)	D _b (mm)	b ₁ (mm)	B (mm)	D (mm)	D ₁ (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

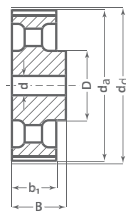
AL = Aluminium ST = Steel GG = Cast iron We reserve the right to make technical changes. * Non stock items.



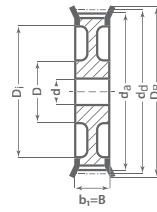
Type 6F



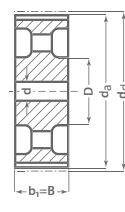
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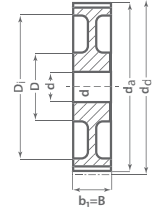
Type 6A



Type 10WF



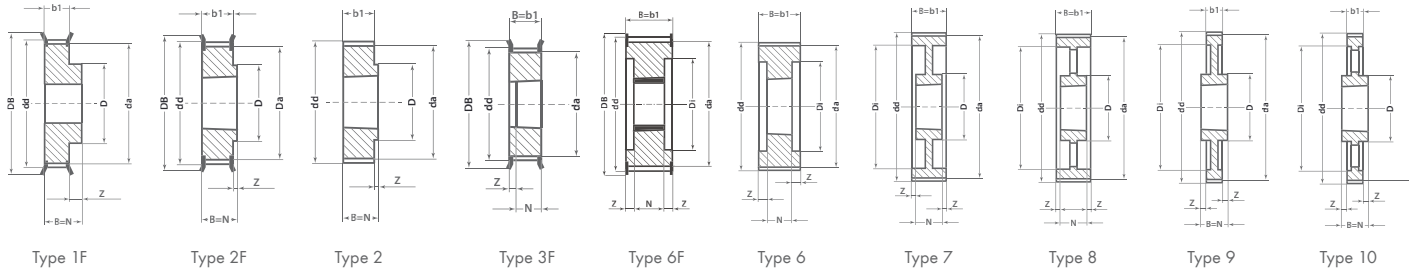
Type 10A



Type 10W

Description	Number of teeth	Type	Material	d _d (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)
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

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



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 _b (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

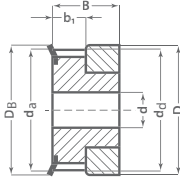
Taper bushing	1008	1108	1210	1610	2012	2517	3020	3525
Bore d ₂ (mm) from... to...	10-25	10-28	11-32	14-42	14-50	16-60	25-75	35-90

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

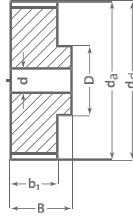
optibelt ZRS DELTA CHAIN Pulleys for Plain Boring
Profile 8MDC

Description	Number of teeth	Type	Material	d _d (mm)	d _e (mm)	D _b (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

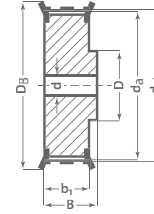
GG = Cast iron ST = Steel We reserve the right to make technical changes. * Non stock items.



Type 1F

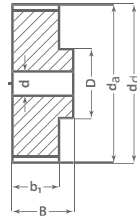


Type 6

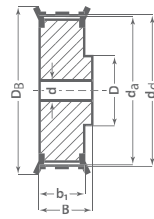


Type 6F

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



Type 6



Type 6F

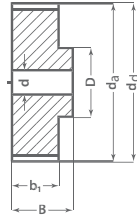
Description	Number of teeth	Type	Material	d_d (mm)	d_o (mm)	D_B (mm)	b_1 (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d_{max} (mm)	Weight (≈kg)
T5 - Pitch 5 mm for belt width 10 mm												
21 T5 / 10-2	10	6F	AL	15.92	15.05	19.5	15.0	21.0	8.0	-	5	0.012
21 T5 / 12-2	12	6F	AL	19.01	18.25	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



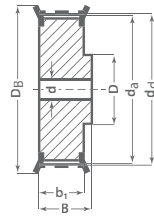
optibelt **ZRS Metric Timing Belt Pulleys for Plain Boring Profile T5**

Description	Number of teeth	Type	Material	d_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)
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

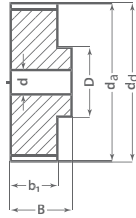
Description	Number of teeth	Type	Material	d _d (mm)	d _o (mm)	D _B (mm)	b ₁ (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Weight (≈kg)
T10 - Pitch 10 mm for belt width 16 mm												
31 T10 / 12-2	12	6F	AL	38.20	36.35	42.0	21.0	31.0	28.0	6	16	0.076
31 T10 / 14-2	14	6F	AL	44.56	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



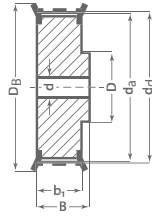
optibelt ZRS Metric Timing Belt Pulleys for Plain Boring Profile T10

Description	Number of teeth	Type	Material	d _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)
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 6



Type 6F

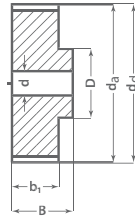
Description	Number of teeth	Type	Material	d_d (mm)	d_o (mm)	D_B (mm)	b_1 (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d_{max} (mm)	Weight (\approx kg)
AT5 - Pitch 5 mm for belt width 10 mm												
21 AT5 / 12-2	12	6F	AL	19.01	17.85	23.0	15.0	21.0	10.0	-	6	0.016
21 AT5 / 14-2	14	6F	AL	22.29	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



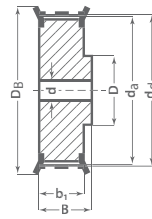
optibelt ZRS Metric Timing Belt Pulleys for Plain Boring Profile AT5

Description	Number of teeth	Type	Material	d _a (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

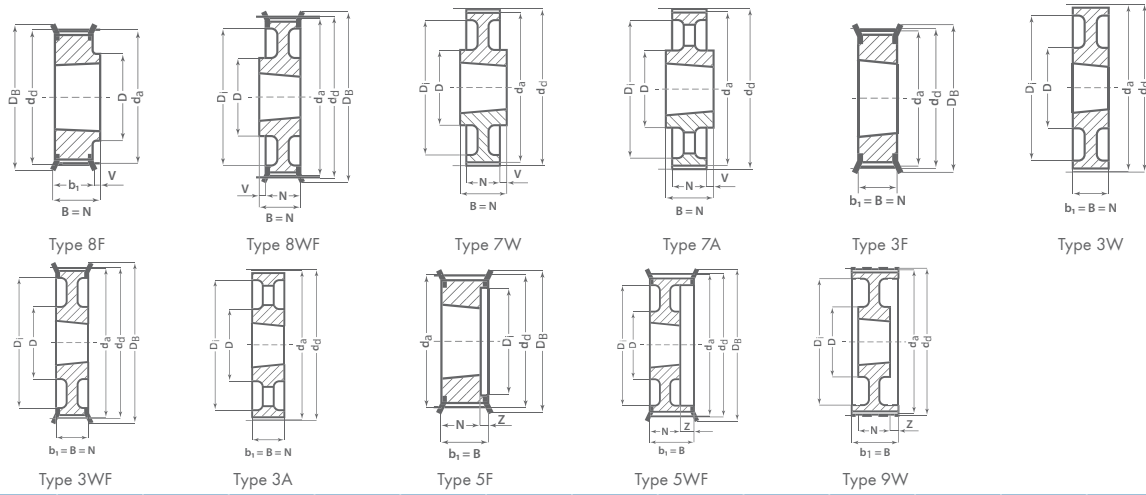
Description	Number of teeth	Type	Material	d _d (mm)	d _o (mm)	D _B (mm)	b ₁ (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Weight (≈kg)
AT10 - Pitch 10 mm for belt width 16 mm												
31 AT10 / 15-2	15	6F	AL	47.75	45.90	51.0	21.0	31.0	32.0	8	18	0.116
31 AT10 / 16-2	16	6F	AL	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



optibelt ZRS Metric Timing Belt Pulleys for Plain Boring Profile AT10

Description	Number of teeth	Type	Material	d _s (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 AT10 / 25-2	25	6F	AL	79.58	77.70	83.0	37.0	47.0	60.0	12	30	0.527
47 AT10 / 26-2	26	6F	AL	82.76	80.90	87.0	37.0	47.0	60.0	12	30	0.564
47 AT10 / 27-2	27	6F	AL	85.95	84.10	91.0	37.0	47.0	60.0	12	30	0.602
47 AT10 / 28-2	28	6F	AL	89.13	87.25	93.0	37.0	47.0	60.0	12	30	0.642
47 AT10 / 30-2	30	6F	AL	95.49	93.65	97.0	37.0	47.0	60.0	12	30	0.740
47 AT10 / 32-2	32	6F	AL	101.86	100.00	106.0	37.0	47.0	65.0	12	32	0.844
47 AT10 / 36-2	36	6F	AL	114.59	112.75	119.0	37.0	47.0	70.0	16	35	1.083
47 AT10 / 40-2	40	6F	AL	127.32	125.45	131.0	37.0	47.0	80.0	16	40	1.317
47 AT10 / 44-0	44	6	AL	140.06	138.20	-	37.0	47.0	88.0	16	46	1.611
47 AT10 / 48-0	48	6	AL	152.78	150.95	-	37.0	47.0	95.0	16	48	1.931
47 AT10 / 60-0	60	6	AL	190.98	189.10	-	37.0	47.0	110.0	16	60	3.004
AT10 - Pitch 10 mm for belt width 50 mm												
66 AT10 / 18-2	18	6F	AL	57.29	55.45	60.0	56.0	66.0	40.0	10	22	0.422
66 AT10 / 19-2	19	6F	AL	60.48	58.60	66.0	56.0	66.0	44.0	10	22	0.466
66 AT10 / 20-2	20	6F	AL	63.66	61.80	66.0	56.0	66.0	46.0	12	24	0.520
66 AT10 / 22-2	22	6F	AL	70.03	68.15	75.0	56.0	66.0	52.0	12	28	0.570
66 AT10 / 24-2	24	6F	AL	76.39	74.55	83.0	56.0	66.0	58.0	12	30	0.736
66 AT10 / 25-2	25	6F	AL	79.58	77.70	83.0	56.0	66.0	60.0	12	30	0.766
66 AT10 / 26-2	26	6F	AL	82.76	80.90	87.0	56.0	66.0	60.0	12	30	0.816
66 AT10 / 27-2	27	6F	AL	85.95	84.10	91.0	56.0	66.0	60.0	12	30	0.946
66 AT10 / 28-2	28	6F	AL	89.13	87.25	93.0	56.0	66.0	60.0	12	30	0.960
66 AT10 / 30-2	30	6F	AL	95.49	93.65	97.0	56.0	66.0	60.0	12	30	1.169
66 AT10 / 32-2	32	6F	AL	101.86	100.00	106.0	56.0	66.0	65.0	12	32	1.300
66 AT10 / 36-2	36	6F	AL	114.59	112.75	119.0	56.0	66.0	70.0	16	35	1.637
66 AT10 / 40-2	40	6F	AL	127.32	125.45	131.0	56.0	66.0	80.0	16	40	1.999
66 AT10 / 44-0	44	6	AL	140.06	138.20	-	56.0	66.0	88.0	16	46	2.357
66 AT10 / 48-0	48	6	AL	152.78	150.95	-	56.0	66.0	95.0	16	48	2.830
66 AT10 / 60-0	60	6	AL	190.98	189.10	-	56.0	66.0	110.0	16	60	4.366

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Description	Number of teeth	Type	Material	d _d (mm)	d _e (mm)	D ₈ (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

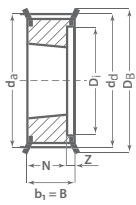


**optibelt ZRS Timing Belt Pulleys for Taper Bushings
Profile L**

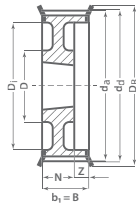
Description	Number of teeth	Type	Material	d ₁ (mm)	d ₂ (mm)	D ₁ (mm)	b ₁ (mm)	B (mm)	N (mm)	V (mm)	D (mm)	D ₂ (mm)	Taper bushing	Weight without bushing (≈kg)
TB 48 L 075	48	3WF	GG	145.53	144.77	152.0	25.0	25.0	25	-	92.0	124	1610	2.500
TB 60 L 075	60	3W	GG	181.91	181.15	-	25.0	25.0	25	-	92.0	166	1610	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

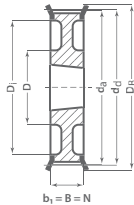
GG = Cast iron ST = Steel We reserve the right to make technical changes. * Non stock items.
Bore diameters d₂ see page 4.



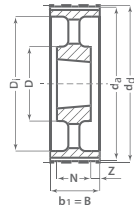
Type 5F



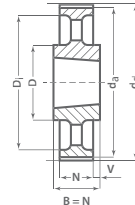
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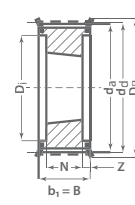
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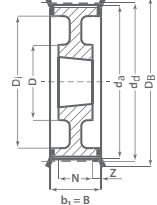
Type 9A



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

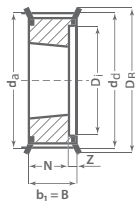


optibelt ZRS Timing Belt Pulleys for Taper Bushings Profile H

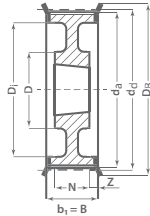
Description	Number of teeth	Type	Material	d _d (mm)	d _e (mm)	D _B (mm)	b ₁ (mm)	B (mm)	N (mm)	V (mm)	Z (mm)	D (mm)	D _i (mm)	Taper bushing	Weight without bushing (≈kg)
TB 84 H 150*	84	9A	GG	339.57	338.20	-	46.0	46.0	32	-	7.0	106.0	320	2012	8.400
TB 96 H 150*	96	7A	GG	388.08	386.71	-	46.0	46.0	45	-	0.5	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

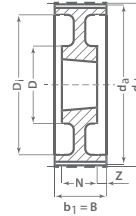
GG = Cast iron ST = Steel We reserve the right to make technical changes. * Non stock items. Bore diameters d₂ see page 4.



Type 5F



Type 4WF

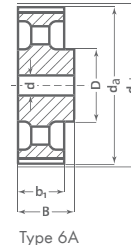
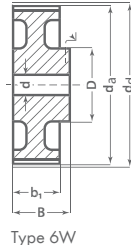
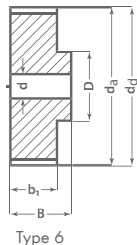
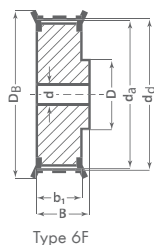


Type 9W

Description	Number of teeth	Type	Material	d _d (mm)	d _e (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

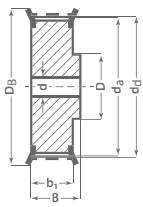
Taper bushing	2517	3020	3535	4040
Bore d ₂ (mm) from... to...	16-60	25-75	35-90	40-100

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

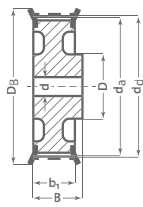


Description	Number of teeth	Type	Material	d _d (mm)	d _a (mm)	D _B (mm)	b ₁ (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Adjusting screw	Weight (≈kg)
XL - Pitch 5,08 mm for belt width 025, 031, 037													
10 XL 037	10	6F	ST	16.17	15.66	23.0	14.3	19.8	9.5	5	6,4	M3	0.020
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

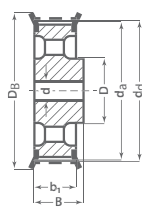
AL = Aluminium ST = Steel GG = Cast iron We reserve the right to make technical changes. * Non stock items.



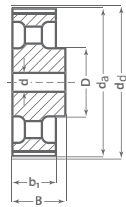
Type 6F



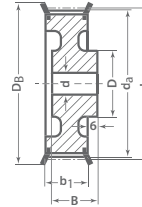
Type 6WF



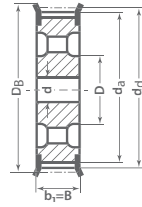
Type 6AF



Type 6A



Type 6CWF



Type 10AF

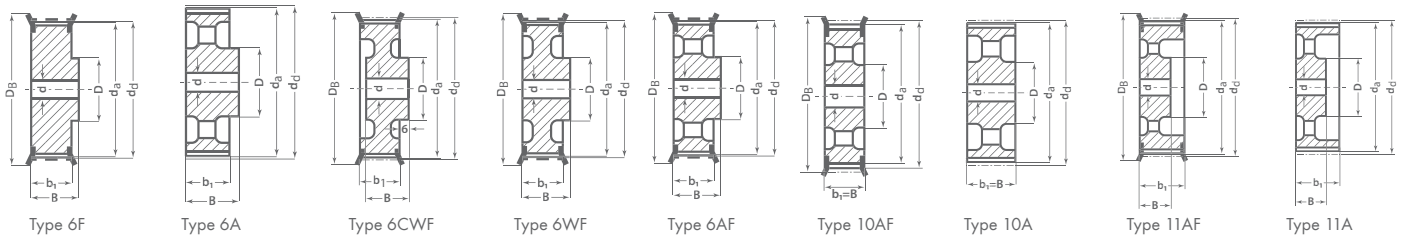
Description	Number of teeth	Type	Material	d _d (mm)	d _o (mm)	D _B (mm)	b ₁ (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Weight (≈kg)
L - Pitch 9,525 mm for belt width 050												
10 L 050	10	6F	ST	30.32	29.56	36.0	19.0	26.0	22.0	6	13	0.110
12 L 050	12	6F	ST	36.38	35.62	42.0	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



optibelt ZRS Timing Belt Pulleys for Plain Boring Profile L

Description	Number of teeth	Type	Material	d _o (mm)	d _e (mm)	D _b (mm)	b _i (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Weight (≈kg)
40 L 075	40	6WF	GG	121.28	120.51	127.0	25.0	32.0	60.0	12	35	1.600
44 L 075	48	6AF	GG	133.40	132.64	140.0	25.0	32.0	60.0	12	35	1.700
48 L 075	48	6AF	GG	145.53	144.77	152.0	25.0	32.0	60.0	12	35	1.900
60 L 075	60	6A	GG	181.91	181.15	-	26.0	35.0	60.0	15	35	1.800
72 L 075	72	6A	GG	218.30	217.53	-	26.0	35.0	60.0	15	35	2.300
84 L 075	84	6A	GG	254.68	253.92	-	26.0	35.0	60.0	15	35	2.500
L - Pitch 9,525 mm for belt width 100												
10 L 100	10	6F	ST	30.32	29.56	36.0	31.0	38.0	22.0	6	13	0.810
12 L 100	12	6F	ST	36.38	35.62	42.0	31.0	38.0	28.0	8	17	0.290
13 L 100	13	6F	ST	39.41	38.65	44.0	31.0	38.0	30.0	8	19	0.300
14 L 100	14	6F	ST	42.45	41.68	48.0	31.0	38.0	33.0	8	20	0.380
15 L 100	15	6F	ST	45.48	44.72	51.0	31.0	38.0	36.0	8	23	0.400
16 L 100	16	6F	ST	48.51	47.75	54.0	31.0	38.0	38.0	8	23	0.510
17 L 100	17	6F	ST	51.54	50.78	57.0	31.0	38.0	40.0	10	24	0.540
18 L 100	18	6F	ST	54.57	53.81	60.0	31.0	38.0	40.0	10	24	0.620
19 L 100	19	6F	ST	57.61	56.84	60.0	31.0	38.0	40.0	10	24	0.690
20 L 100	20	6F	ST	60.64	59.88	66.0	31.0	38.0	46.0	10	28	0.760
21 L 100	21	6F	ST	63.67	62.91	71.0	31.0	38.0	46.0	10	28	0.820
22 L 100	22	6F	ST	66.70	65.94	75.0	31.0	38.0	50.0	10	30	0.920
24 L 100	24	6F	ST	72.77	72.00	79.0	31.0	38.0	50.0	12	30	1.100
26 L 100	26	6F	ST	78.83	78.07	87.0	31.0	38.0	50.0	12	30	1.300
28 L 100	28	6F	ST	84.89	84.13	91.0	31.0	38.0	50.0	12	30	1.400
30 L 100	30	6F	ST	90.96	90.20	97.0	31.0	38.0	50.0	12	30	1.700
32 L 100	32	6F	ST	97.02	96.26	103.0	31.0	38.0	50.0	12	30	1.800
36 L 100	36	6CWF	GG	109.15	108.38	115.0	32.0	32.0	55.0	12	32	1.500
40 L 100	40	6CWF	GG	121.28	120.51	127.0	32.0	32.0	60.0	12	35	1.800
44 L 100	44	10AF	GG	133.40	132.64	140.0	32.0	32.0	60.0	12	35	1.900
48 L 100	48	10AF	GG	145.53	144.77	152.0	32.0	32.0	60.0	12	35	2.100
60 L 100	60	6A	GG	181.91	181.15	-	32.0	35.0	60.0	15	35	2.000
72 L 100	72	6A	GG	218.30	217.53	-	32.0	35.0	60.0	15	35	2.500
84 L 100	84	6A	GG	254.68	253.92	-	32.0	35.0	60.0	15	35	2.700

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

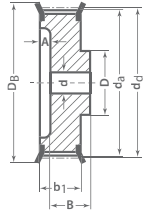


Description	Number of teeth	Type	Material	d _a (mm)	d _g (mm)	D _B (mm)	b ₁ (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Weight (=kg)
H - Pitch 12,7 mm for belt width 075												
14 H 075	14	6F	ST	56.60	55.22	64.0	26.4	40.0	40.0	10	24	0.500
16 H 075	16	6F	ST	64.68	63.31	70.0	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

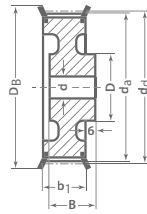


optibelt ZRS Timing Belt Pulleys for Plain Boring Profile H

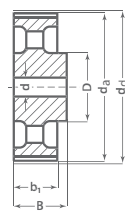
Description	Number of teeth	Type	Material	d _o (mm)	d _e (mm)	D _b (mm)	b ₁ (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore hole d _{max} (mm)	Weight (≈kg)
20 H 150	20	6F	ST	80.85	79.48	87.0	44.0	54.0	62.0	12	35	1.800
21 H 150	21	6F	ST	84.89	83.52	91.0	44.0	54.0	67.0	12	38	2.200
22 H 150	22	6F	ST	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



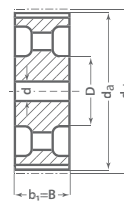
Type 6CF



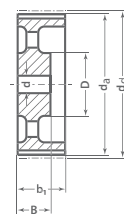
Type 6CWF



Type 6A

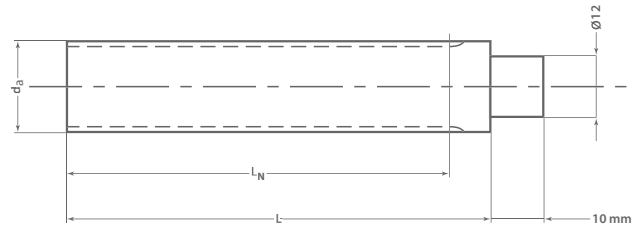


Type 10A



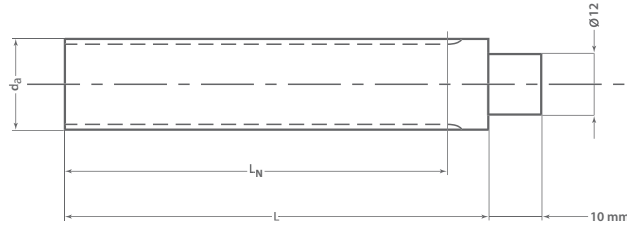
Type 11A

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



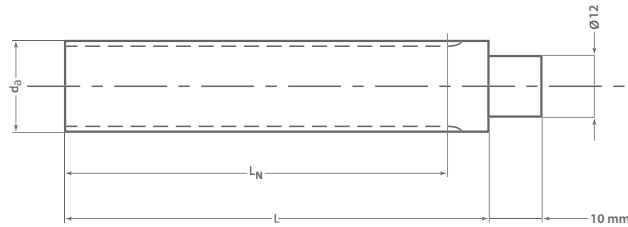
Description	Number of teeth	Material	d _d (mm)	d _e (mm)	L _N (mm)	L (mm)
XL - Teilung 5,08 mm						
10 XL 125*	10	ST	16.17	15.66	125	140.00
11 XL 125*	11	ST	17.79	17.28	125	140.00
12 XL 125*	12	ST	19.40	18.89	125	140.00
13 XL 125*	13	ST	21.02	20.51	125	140.00
14 XL 132*	14	ST	22.64	22.13	132	140.00
15 XL 132*	15	ST	24.26	23.75	132	140.00
16 XL 140*	16	ST	25.87	25.36	140	140.00
17 XL 140*	17	ST	27.49	26.98	140	140.00
18 XL 140*	18	ST	29.11	28.60	140	140.00
19 XL 140*	19	ST	30.72	30.21	140	140.00
20 XL 140*	20	ST	32.34	31.83	140	140.00
21 XL 160*	21	ST	33.96	33.45	160	160.00
22 XL 160*	22	ST	35.57	35.06	160	160.00
23 XL 160*	23	ST	37.19	36.68	160	160.00
24 XL 160*	24	ST	38.81	38.30	160	160.00
25 XL 160*	25	ST	40.43	39.92	160	160.00
26 XL 160*	26	ST	42.04	41.53	160	160.00
27 XL 160*	27	ST	43.66	43.15	160	160.00
28 XL 160*	28	ST	45.28	44.77	160	160.00
29 XL 160*	29	ST	46.89	46.38	160	160.00
30 XL 160*	30	AL	48.51	48.00	160	160.00
32 XL 160*	32	AL	51.74	51.23	160	160.00
33 XL 160*	33	AL	53.36	52.76	160	160.00
34 XL 160*	34	AL	54.98	54.47	160	160.00
35 XL 160*	35	AL	56.60	56.09	160	160.00
36 XL 160*	36	AL	58.21	57.70	160	160.00
38 XL 160*	38	AL	61.45	60.94	160	160.00
39 XL 160*	39	AL	63.06	62.55	160	160.00
40 XL 160*	40	AL	64.68	64.17	160	160.00
41 XL 160*	41	AL	66.30	65.79	160	160.00
42 XL 160*	42	AL	67.91	67.40	160	160.00
43 XL 160*	43	AL	69.53	69.02	160	160.00
44 XL 160*	44	AL	71.15	70.64	160	160.00
48 XL 160*	48	AL	77.62	77.11	160	160.00
56 XL 160*	56	AL	90.55	90.04	160	160.00
60 XL 160*	60	AL	97.02	96.51	160	160.00
72 XL 160*	72	AL	116.43	115.92	160	160.00

ST = Steel AL = Aluminium * Non stock items.



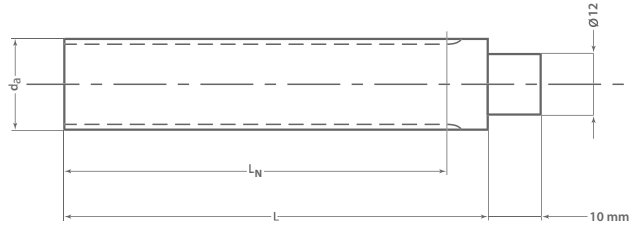
Description	Number of teeth	Material	d_d (mm)	d_g (mm)	L_N (mm)	L (mm)
L - Teilung 9,525						
10 L 140*	10	ST	30.32	29.56	140	140.00
11 L 140*	11	ST	33.35	32.59	140	140.00
12 L 160*	12	ST	36.38	35.62	160	160.00
13 L 160*	13	ST	39.41	38.65	160	160.00
14 L 160*	14	ST	42.45	41.68	160	160.00
15 L 160*	15	ST	45.48	44.72	160	160.00
16 L 160*	16	ST	48.51	47.75	160	160.00
17 L 160*	17	ST	51.54	50.78	160	160.00
18 L 160*	18	ST	54.57	53.81	160	160.00
19 L 160*	19	ST	57.61	56.84	160	160.00
20 L 160*	20	ST	60.64	59.88	160	160.00
21 L 160*	21	ST	63.67	62.91	160	160.00
22 L 160*	22	ST	66.70	65.94	160	160.00
23 L 160*	23	ST	69.73	68.97	160	160.00
24 L 160*	24	ST	72.77	72.00	160	160.00
27 L 160*	27	ST	81.86	81.10	160	160.00
30 L 160*	30	ST	90.96	90.20	160	160.00

ST = Steel AL = Aluminium * Non stock items.



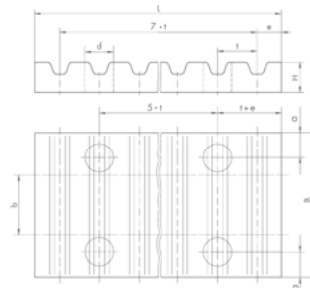
Description	Number of teeth	Material	d _j (mm)	d _c (mm)	L _N (mm)	L (mm)
T5 - Teilung 5 mm						
125 T5 10*	10	AL	15.92	15.05	125	140.00
125 T5 11*	11	AL	17.51	16.65	125	140.00
125 T5 12*	12	AL	19.01	18.25	125	140.00
125 T5 13*	13	AL	20.70	19.85	125	140.00
132 T5 14*	14	AL	22.29	21.45	132	140.00
132 T5 15*	15	AL	23.88	23.05	132	140.00
140 T5 16*	16	AL	25.47	24.60	140	140.00
140 T5 17*	17	AL	27.06	26.20	140	140.00
140 T5 18*	18	AL	28.65	27.80	140	140.00
140 T5 19*	19	AL	30.25	29.40	140	140.00
160 T5 20*	20	AL	31.83	31.00	160	160.00
160 T5 21*	21	AL	33.43	32.70	160	160.00
160 T5 22*	22	AL	35.12	34.25	160	160.00
160 T5 23*	23	AL	36.62	35.85	160	160.00
160 T5 24*	24	AL	38.21	37.40	160	160.00
160 T5 25*	25	AL	39.80	39.00	160	160.00
160 T5 26*	26	AL	41.47	40.60	160	160.00
160 T5 27*	27	AL	42.98	42.20	160	160.00
160 T5 28*	28	AL	44.62	43.75	160	160.00
160 T5 29*	29	AL	46.17	45.35	160	160.00
160 T5 30*	30	AL	47.76	46.95	160	160.00
160 T5 32*	32	AL	50.94	50.10	160	160.00
160 T5 34*	24	AL	54.13	53.25	160	160.00
160 T5 35*	35	AL	55.72	54.85	160	160.00
160 T5 36*	36	AL	57.31	56.45	160	160.00
160 T5 37*	37	AL	58.90	58.06	160	160.00
160 T5 38*	38	AL	60.50	59.65	160	160.00
160 T5 40*	40	AL	63.66	62.85	160	160.00
160 T5 42*	42	AL	66.87	66.00	160	160.00
160 T5 44*	44	AL	70.07	69.20	160	160.00
160 T5 45*	45	AL	71.64	70.80	160	160.00
160 T5 46*	46	AL	73.23	72.40	160	160.00
160 T5 48*	48	AL	76.42	75.55	160	160.00
160 T5 50*	50	AL	79.60	78.75	160	160.00
160 T5 60*	60	AL	95.52	94.65	160	160.00
160 T5 72*	72	AL	114.62	113.75	160	160.00
160 T5 80*	80	AL	127.36	126.48	160	160.00
160 T5 90*	90	AL	143.28	142.40	160	160.00
160 T5 100*	100	AL	159.20	158.31	160	160.00

ST = Steel AL = Aluminium * Non stock items.



Description		Number of teeth	Material	d _i (mm)	d _e (mm)	L _N (mm)	L (mm)
T10 - Teilung 10 mm							
140 T10	10*	10	AL	31.83	29.98	140	140.00
140 T10	11*	11	AL	35.01	33.16	140	140.00
140 T10	12*	12	AL	38.20	36.35	140	140.00
140 T10	13*	13	AL	41.38	39.50	140	140.00
160 T10	14*	14	AL	44.56	42.70	160	160.00
160 T10	15*	15	AL	47.75	45.90	160	160.00
160 T10	16*	16	AL	50.93	49.05	160	160.00
160 T10	17*	17	AL	54.11	52.25	160	160.00
160 T10	18*	18	AL	57.29	55.45	160	160.00
160 T10	19*	19	AL	60.48	58.60	160	160.00
160 T10	20*	20	AL	63.66	61.60	160	160.00
160 T10	21*	21	AL	66.84	65.00	160	160.00
160 T10	22*	22	AL	70.03	68.15	160	160.00
160 T10	23*	23	AL	73.20	71.35	160	160.00
160 T10	24*	24	AL	76.39	74.55	160	160.00
160 T10	26*	26	AL	82.76	80.90	160	160.00
160 T10	28*	28	AL	89.13	87.25	160	160.00
160 T10	30*	30	AL	95.49	93.65	160	160.00
160 T10	32*	32	AL	101.86	100.00	160	160.00
160 T10	34*	34	AL	108.22	106.40	160	160.00
160 T10	36*	36	AL	114.59	112.75	160	160.00
160 T10	38*	38	AL	120.95	119.10	160	160.00
160 T10	40*	40	AL	127.32	125.45	160	160.00
160 T10	45*	45	AL	143.24	141.40	160	160.00
160 T10	48*	48	AL	152.78	150.95	160	160.00
160 T10	60*	60	AL	190.98	189.10	160	160.00
160 T10	72*	72	AL	229.18	227.29	160	160.00

ST = Steel AL = Aluminium * Non stock items.



Description	Pitch t (mm)	b (mm)	Material	B (mm)	a (mm)	L (mm)	e (mm)	H (mm)	d (mm)	Weight (=kg)	
XL											
XL 025 CP	5.080	6.35	AL	25.5	6.00	42.50	3.50	8.00	5.50	0.020	
XL 037 CP	5.080	9.53	AL	28.5	6.00	42.50	3.50	8.00	5.50	0.025	
XL 050 CP	5.080	12.70	AL	32.0	6.00	42.50	3.50	8.00	5.50	0.027	
XL 075 CP	5.080	19.05	AL	38.0	6.00	42.50	3.50	8.00	5.50	0.032	
XL 100 CP*	5.080	25.40	AL	45.0	6.00	42.50	3.50	8.00	5.50	0.038	
L											
L 037 CP	9.525	9.53	AL	36.0	8.00	76.60	5.00	15.00	9.00	0.095	
L 050 CP	9.525	12.70	AL	39.0	8.00	76.60	5.00	15.00	9.00	0.104	
L 075 CP	9.525	19.05	AL	45.0	8.00	76.60	5.00	15.00	9.00	0.121	
L 100 CP	9.525	25.40	AL	51.5	8.00	76.60	5.00	15.00	9.00	0.140	
L 150 CP	9.525	38.10	AL	64.0	8.00	76.60	5.00	15.00	9.00	0.177	
L 200 CP	9.525	50.80	AL	77.0	8.00	76.60	5.00	15.00	9.00	0.215	
H											
H 050 CP	12.700	12.70	AL	45.0	10.00	106.90	9.00	22.00	11.00	0.050	
H 075 CP	12.700	19.05	AL	51.0	10.00	106.90	9.00	22.00	11.00	0.075	
H 100 CP	12.700	25.40	AL	57.5	10.00	106.90	9.00	22.00	11.00	0.100	
H 150 CP	12.700	38.10	AL	70.0	10.00	106.90	9.00	22.00	11.00	0.150	
H 200 CP	12.700	50.80	AL	83.0	10.00	106.90	9.00	22.00	11.00	0.200	
H 300 CP	12.700	76.20	AL	108.0	10.00	106.90	9.00	22.00	11.00	0.300	
H 400 CP*	12.700	101.60	AL	134.0	10.00	106.90	9.00	22.00	11.00	0.400	
5M											
5M 06 CP	5.000	6.00	AL	25.0	6.00	41.80	3.20	8.00	5.50	0.015	
5M 09 CP	5.000	9.00	AL	28.0	6.00	41.80	3.20	8.00	5.50	0.018	
5M 15 CP	5.000	15.00	AL	34.0	6.00	41.80	3.20	8.00	5.50	0.022	
5M 25 CP	5.000	25.00	AL	44.0	6.00	41.80	3.20	8.00	5.50	0.030	
8M											
8M 10 CP	8.000	10.00	AL	35.0	8.00	66.00	5.00	15.00	9.00	0.075	
8M 15 CP	8.000	15.00	AL	40.0	8.00	66.00	5.00	15.00	9.00	0.085	
8M 20 CP	8.000	20.00	AL	45.0	8.00	66.00	5.00	15.00	9.00	0.100	
8M 30 CP	8.000	30.00	AL	55.0	8.00	66.00	5.00	15.00	9.00	0.120	
8M 50 CP	8.000	50.00	AL	75.0	8.00	66.00	5.00	15.00	9.00	0.170	
8M 85 CP	8.000	85.00	AL	110.0	8.00	66.00	5.00	15.00	9.00	0.250	
14M											
14M 25 CP	14.000	25.00	AL	56.0	10.00	116.00	9.00	22.00	11.00	0.315	
14M 40 CP	14.000	40.00	AL	71.0	10.00	116.00	9.00	22.00	11.00	0.405	
14M 55 CP	14.000	55.00	AL	86.0	10.00	116.00	9.00	22.00	11.00	0.495	
14M 85 CP	14.000	85.00	AL	116.0	10.00	116.00	9.00	22.00	11.00	0.860	
14M 115 CP*	14.000	115.00	AL	146.0	10.00	116.00	9.00	22.00	11.00	1.195	
T5											
6 T5 CP	5.000	6.00	AL	25.0	6.00	41.80	3.20	8.00	5.50	0.020	
10 T5 CP	5.000	10.00	AL	29.0	6.00	41.80	3.20	8.00	5.50	0.025	
16 T5 CP	5.000	16.00	AL	35.0	6.00	41.80	3.20	8.00	5.50	0.030	
25 T5 CP	5.000	25.00	AL	44.0	6.00	41.80	3.20	8.00	5.50	0.036	
32 T5 CP	5.000	32.00	AL	51.0	6.00	41.80	3.20	8.00	5.50	0.042	



Description	Pitch t (mm)	b (mm)	Material	B (mm)	a (mm)	L (mm)	e (mm)	H (mm)	d (mm)	Weight (≈kg)
50 T5 CP*	5.000	50.00	AL	69.0	6.00	41.80	3.20	8.00	5.50	0.051
T10										
16 T10 CP	10.000	16.00	AL	41.0	8.00	80.00	5.00	15.00	9.00	0.115
25 T10 CP	10.000	25.00	AL	50.0	8.00	80.00	5.00	15.00	9.00	0.140
32 T10 CP	10.000	32.00	AL	57.0	8.00	80.00	5.00	15.00	9.00	0.160
50 T10 CP	10.000	50.00	AL	75.0	8.00	80.00	5.00	15.00	9.00	0.215
75 T10 CP*	10.000	75.00	AL	100.0	8.00	80.00	5.00	15.00	9.00	0.290
100 T10 CP*	10.000	100.00	AL	125.0	8.00	80.00	5.00	15.00	9.00	0.370
T20										
25 T20 CP	20.000	25.00	AL	56.0	10.00	160.00	10.00	20.00	11.00	0.385
32 T20 CP	20.000	32.00	AL	65.0	10.00	160.00	10.00	20.00	11.00	0.450
50 T20 CP	20.000	50.00	AL	81.0	10.00	160.00	10.00	20.00	11.00	0.570
75 T20 CP	20.000	75.00	AL	106.0	10.00	160.00	10.00	20.00	11.00	0.755
100 T20 CP*	20.000	100.00	AL	132.0	10.00	160.00	10.00	20.00	11.00	0.940
AT5										
6 AT5 CP	5.000	6.00	AL	25.0	6.00	41.80	3.20	8.00	5.50	0.016
10 AT5 CP	5.000	10.00	AL	29.0	6.00	41.80	3.20	8.00	5.50	0.019
16 AT5 CP	5.000	16.00	AL	35.0	6.00	41.80	3.20	8.00	5.50	0.024
25 AT5 CP	5.000	25.00	AL	44.0	6.00	41.80	3.20	8.00	5.50	0.031
32 AT5 CP	5.000	32.00	AL	51.0	6.00	41.80	3.20	8.00	5.50	0.036
50 AT5 CP*	5.000	50.00	AL	61.0	6.00	41.80	3.20	8.00	5.50	0.043
AT10										
16 AT10 CP	10.000	16.00	AL	41.0	8.00	80.00	5.00	15.00	9.00	0.110
25 AT10 CP	10.000	25.00	AL	50.0	8.00	80.00	5.00	15.00	9.00	0.135
32 AT10 CP	10.000	32.00	AL	57.0	8.00	80.00	5.00	15.00	9.00	0.155
50 AT10 CP	10.000	50.00	AL	75.0	8.00	80.00	5.00	15.00	9.00	0.205
75 AT10 CP	10.000	75.00	AL	100.0	8.00	80.00	5.00	15.00	9.00	0.280
100 AT10 CP*	10.000	100.00	AL	125.0	8.00	80.00	5.00	15.00	9.00	0.350
AT20										
25 AT20 CP	20.000	25.00	AL	56.0	10.00	160.00	10.00	20.00	11.00	0.385
32 AT20 CP	20.000	32.00	AL	65.0	10.00	160.00	10.00	20.00	11.00	0.450
50 AT20 CP	20.000	50.00	AL	81.0	10.00	160.00	10.00	20.00	11.00	0.570
75 AT20 CP	20.000	75.00	AL	106.0	10.00	160.00	10.00	20.00	11.00	0.755
100 AT20 CP*	20.000	100.00	AL	132.0	10.00	160.00	10.00	20.00	11.00	0.940

Further sizes on request. * Non stock items. AL = Aluminium



optibelt TN Bolt on hubs

Description	Material	Taper bushing	D _A (mm)	D ₁ (mm)	D +0/-0,01 (mm)	D _k (mm)	B (mm)	b (mm)	Z (mm)	B _m (mm)	d (mm)	Number of d (mm)	Weight without bushing (≈kg)
SM													
SM 12	GG	1210	180	135	90	75.0	25.0	6.50	2.5	11.5	7.50	6	1.500
SM 16	GG	1615	200	150	110	85.0	38.0	7.50	2.5	12.5	7.50	6	3.000
SM 20	GG	2012	270	190	140	110.0	32.0	8.50	2.5	13.5	9.50	6	-
SM 25	GG	2517	340	240	170	125.0	45.0	9.50	2.5	14.5	11.50	8	7.600
SM 30-1	GG	3020	430	300	220	160.0	51.0	13.50	2.5	18.5	13.50	8	16.600
SM 30-2	GG	3020	485	340	250	160.0	51.0	13.50	2.5	18.5	13.50	8	20.500

Taper bushing	1210	1610	1615	2012	2517	3020	3030	3525	3535	4040	4545	5050
Bore d ₂ (mm) from... to...	11-32	14-42	14-42	14-50	16-60	25-75	35-75	35-90	35-90	40-100	44-110	70-125

optibelt TN Weld on hubs type WM

Description	Material	Taper bushing	D _A (mm)	D +0/-0,05 (mm)	D _k (mm)	B +0,5/-0,5 (mm)	b ₁ (mm)	b ₂ (mm)	Weight without bushing (≈kg)
WM									
WM 1210	ST	1210	70	60	58.0	25	9.0	10	0.300
WM 1615	ST	1615	83	70	68.0	38	16.0	11	0.600
WM 2012	ST	2012	95	90	88.0	32	12.0	12	0.700
WM 2517	ST	2517	127	110	108.0	44	19.0	13	1.800
WM 3030	ST	3030	152	130	125.0	76	25.0	19	3.500
WM 3535	ST	3535	184	155	151.0	89	32.0	25	10.000
WM 4040	ST	4040	225	195	187.0	102	32.0	32	13.200
WM 4545	ST	4545	254	220	213.0	115	38.0	38	20.100
WM 5050	ST	5050	276	242	228.0	127	38.0	38	25.400

Taper bushing	1210	1610	1615	2012	2517	3020	3030	3525	3535	4040	4545	5050
Bore d ₂ (mm) from... to...	11-32	14-42	14-42	14-50	16-60	25-75	35-75	35-90	35-90	40-100	44-110	70-125

Bore diameters d₂ see page 4. Further sizes on request. ST = Steel GG = Cast iron. We reserve the right to make technical changes.



Description	Material	Taper bushing	D _A (mm)	D +0/-0,05 (mm)	D _k (mm)	B +0,5/-0,5 (mm)	b ₁ (mm)	b ₂ (mm)	Weight without bushing (≈kg)
WH									
WH 1210	ST	1210	70	65	64.5	25	9.0	10	0.300
WH 1610	ST	1610	80	75	74.5	25	9.0	10	-
WH 2012	ST	2012	95	90	89.5	32	12.0	12	-
WH 2517	ST	2517	115	110	109.5	44	19.0	15	-
WH 3020	ST	3020	145	140	139.5	50	19.0	15	2.700
WH 3525	ST	3525	190	180	179.5	65	25.0	25	-
WH 3535	ST	3535	190	180	179.5	89	32.0	25	10.000
WH 4040	ST	4040	200	190	189.5	101	32.0	30	-
WH 4545	ST	4545	210	200	199.5	115	40.0	30	-
WH 5050	ST	5050	230	220	219.5	127	40.0	35	-

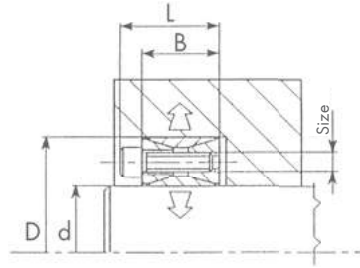
Taper bushing	1210	1610	1615	2012	2517	3020	3030	3525	3535	4040	4545	5050
Bore d ₂ (mm) from... to...	11-32	14-42	14-42	14-50	16-60	25-75	35-75	35-90	35-90	40-100	44-110	70-125

optibelt TN Adapters

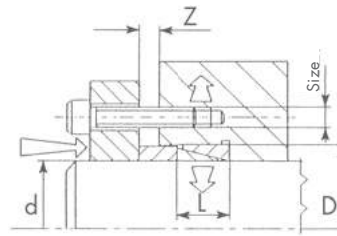
Description	Material	Taper bushing	D (mm)	B (mm)	Keyway dimensions b x h (mm)	Minimum hub diameter GG	Minimum hub diameter GGG	Minimum hub diameter ST	Weight without bushing (≈kg)
TN Z									
1008 AM	ST	1008	45.0	22.0	5 x 2,5	71	62	56	0.100
1008 BM	ST	1008	45.0	22.0	5 x 2,5	75	67	60	0.100
1210 AM	ST	1210	60.0	25.0	6 x 3	86	79	73	0.200
1210 BM	ST	1210	60.0	25.0	6 x 3	92	86	83	0.200
1610 AM	ST	1610	70.0	25.0	10 x 4	95	89	83	0.300
1610 BM	ST	1610	70.0	25.0	10 x 4	102	95	89	0.300
1615 AM	ST	1615	70.0	38.0	10 x 4	95	89	83	0.400
1615 BM	ST	1615	70.0	38.0	10 x 4	102	95	89	0.400
2517 AM	ST	2517	105.0	45.0	16 x 4	143	133	121	1.000
2517 BM	ST	2517	105.0	45.0	16 x 4	149	140	127	1.000
3030 AM	ST	3030	130.0	76.0	20 x 5	178	165	156	2.500
3030 BM	ST	3030	130.0	76.0	20 x 5	187	175	159	2.500
3535 AM	ST	3535	160.0	89.0	22 x 5	222	203	191	5.200
3535 BM	ST	3535	160.0	89.0	22 x 5	232	213	200	5.200
4040 AM	ST	4040	185.0	102.0	24 x 5	273	248	229	8.000
4040 BM	ST	4040	185.0	102.0	24 x 5	283	157	238	8.000

Taper bushing	1008	1210	1610	1615	2517	3030	3535	4040
Bore d ₂ (mm) from... to...	10-25	11-32	14-42	14-42	16-60	35-75	35-90	40-100

ST = Steel GG = Cast iron GGG = Spheroidal graphite cast iron AM = Without keyway BM = With keyway
 Bore diameters d₂ see page 4. We reserve the right to make technical changes.

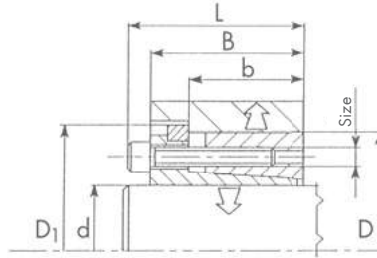


Description	d (mm)	D (mm)	B (mm)	L (mm)	Screws - description	Screws - number of	Screws - tightening torque Ms (Nm)	Torque M (Nm)	Axial force F (KN)	Pressure, shaft P_w (N/mm ²)	Pressure, hub P_N (N/mm ²)	Weight (kg)
CE01												
CE01 18	18.00	47.0	20.0	26.00	M6x18	8	16	250	28	240	92	0.210
CE01 19	19.00	47.0	20.0	26.00	M6x18	8	16	260	28	225	92	0.210
CE01 20	20.00	47.0	20.0	26.00	M6x18	8	16	280	28	215	92	0.210
CE01 22	22.00	47.0	20.0	26.00	M6x18	8	16	310	28	195	92	0.200
CE01 24	24.00	50.0	20.0	26.00	M6x18	8	16	330	28	180	87	0.222
CE01 25	25.00	50.0	20.0	26.00	M6x18	8	16	350	28	175	87	0.220
CE01 28	28.00	55.0	20.0	26.00	M6x18	12	16	580	42	230	118	0.266
CE01 30	30.00	55.0	20.0	26.00	M6x18	12	16	630	42	215	118	0.254
CE01 32	32.00	60.0	20.0	26.00	M6x18	12	16	670	42	200	110	0.302
CE01 35	35.00	60.0	20.0	26.00	M6x18	12	16	730	42	185	110	0.282
CE01 38	38.00	65.0	20.0	26.00	M6x18	15	16	990	52	215	125	0.328
CE01 40	40.00	65.0	20.0	26.00	M6x18	15	16	1040	52	200	125	0.318
CE01 42	42.00	75.0	24.0	32.00	M8x22	12	38	1600	76	240	140	0.560
CE01 45	45.00	75.0	24.0	32.00	M8x22	12	38	1700	76	225	140	0.528
CE01 48	48.00	80.0	24.0	32.00	M8x22	12	38	1800	76	210	120	0.590
CE01 50	50.00	80.0	24.0	32.00	M8x22	12	38	1900	76	200	130	0.560
CE01 55	55.00	85.0	24.0	32.00	M8x22	15	38	2600	95	230	150	0.622
CE01 60	60.00	90.0	24.0	32.00	M8x22	15	38	2850	95	210	140	0.660
CE01 65	65.00	95.0	24.0	32.00	M8x22	15	38	3100	95	195	130	0.798
CE01 70	70.00	110.0	28.0	38.00	M10x25	15	75	5350	150	240	160	1.238
CE01 75	75.00	115.0	28.0	38.00	M10x25	15	75	5730	150	225	150	1.294
CE01 80	80.00	120.0	28.0	38.00	M10x25	15	75	6100	150	210	140	1.364
CE01 85	85.00	125.0	28.0	38.00	M10x25	15	75	6500	150	200	140	1.428
CE01 90	90.00	130.0	28.0	38.00	M10x25	15	75	6900	150	185	130	1.482
CE01 95	95.00	135.0	28.0	38.00	M10x25	18	75	8700	180	210	150	1.568
CE01 100	100.00	145.0	30.0	42.00	M12x30	15	130	11200	220	230	160	2.154
CE01 110	110.00	155.0	30.0	42.00	M12x30	15	130	12300	220	205	150	2.306
CE01 120	120.00	165.0	30.0	42.00	M12x30	16	130	14300	240	200	150	2.486
CE01 130	130.00	180.0	38.0	50.00	M12x35	20	130	19400	300	180	130	3.586
CE01 140	140.00	190.0	38.0	50.00	M12x35	22	130	23000	330	180	140	3.810
CE01 150	150.00	200.0	38.0	50.00	M12x35	24	130	26900	360	185	140	4.084
CE01 160	160.00	210.0	38.0	50.00	M12x35	26	130	31000	390	190	150	4.360
CE01 170	170.00	225.0	44.0	58.00	M14x40	22	200	36300	430	175	140	5.700
CE01 180	180.00	235.0	44.0	58.00	M14x40	24	200	42000	470	180	140	6.000
CE01 190	190.00	250.0	52.0	66.00	M14x45	28	200	51800	550	165	130	8.000
CE01 200	200.00	260.0	52.0	66.00	M14x45	30	200	58300	590	165	130	8.200
CE01 220*	220.00	285.0	56.0	72.00	M16x50	26	300	74100	680	160	130	11.000
CE01 240*	240.00	305.0	56.0	72.00	M16x50	30	300	93200	780	170	140	12.300
CE01 260*	260.00	325.0	56.0	72.00	M16x50	34	300	114500	890	180	150	13.000
CE01 280*	280.00	355.0	66.0	84.00	M18x60	32	410	141000	1000	160	130	19.000
CE01 300*	300.00	375.0	66.0	84.00	M18x60	36	410	170000	1140	165	140	20.200
CE01 320*	320.00	405.0	78.0	98.00	M20x70	36	590	235500	1500	170	140	30.600
CE01 340*	340.00	425.0	78.0	98.00	M20x70	36	590	250000	1500	160	130	30.800



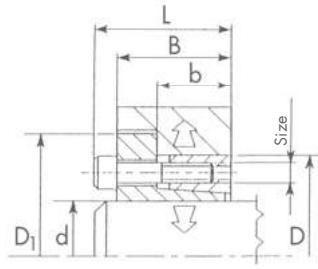
Description	d (mm)	D (mm)	L (mm)	Z ₁ (mm)	Z ₂ (mm)	Z ₃ (mm)	Z ₄ (mm)	Torque M (Nm)	Axial force F (kN)	Total axial force on the tension screws F _a (kN)	Pressure, shaft P _w (N/mm ²)	Pressure, hub P _N (N/mm ²)	Weight (kg)
CE03													
CE03 06*	6.00	9.0	4,5	3	3	3	4	2	0,8	4	96	65	0.001
CE03 08*	8.00	11.0	4,5	3	3	3	4	5	1	6	108	80	0.001
CE03 10*	10.00	13.0	4,5	3	3	3	4	10	2	16	112	100	0.002
CE03 12*	12.00	15.0	4,5	3	3	3	4	11	2	16	111	90	0.002
CE03 14	14.00	18.0	6,3	3	4	4	5	22	3	26	112	90	0.004
CE03 15	15.00	19.0	6,3	3	4	4	5	25	3	27	112	90	0.004
CE03 16	16.00	20.0	6,3	3	4	4	5	26	3	27	112	90	0.005
CE03 17	17.00	21.0	6,3	3	4	4	5	30	3	27	112	90	0.006
CE03 18	18.00	22.0	6,3	3	4	4	5	33	3	33	112	90	0.006
CE03 19	19.00	24.0	6,3	3	4	4	5	40	4	33	112	90	0.006
CE03 20	20.00	25.0	6,3	3	4	4	5	44	4	33	112	90	0.008
CE03 22	22.00	26.0	6,3	3	4	4	5	50	4	34	100	90	0.010
CE03 24	24.00	28.0	6,3	3	4	4	5	68	6	34	114	100	0.006
CE03 25	25.00	30.0	6,3	3	4	4	5	75	6	37	120	100	0.010
CE03 28	28.00	32.0	6,3	3	4	4	5	90	6	40	111	100	0.008
CE03 30	30.00	35.0	6,3	3	4	4	5	100	7	40	111	100	0.012
CE03 32	32.00	36.0	6,3	3	4	4	5	120	7	40	111	100	0.010
CE03 35	35.00	40.0	7,0	3	4	4	5	160	9	50	111	100	0.015
CE03 38	38.00	44.0	7,0	4	5	5	6	190	10	60	111	100	0.020
CE03 40	40.00	45.0	8,0	4	5	5	6	230	11	70	111	100	0.020
CE03 42	42.00	48.0	8,0	4	5	5	6	260	12	70	111	100	0.025
CE03 45	45.00	52.0	10,0	4	5	5	6	390	17	110	111	100	0.039
CE03 48	48.00	55.0	10,0	4	5	5	6	430	18	110	111	100	0.042
CE03 50	50.00	57.0	10,0	4	5	5	6	470	19	110	111	100	0.044
CE03 55	55.00	62.0	10,0	4	5	5	6	580	21	120	111	100	0.048
CE03 60	60.00	68.0	12,0	4	5	6	7	840	28	160	111	100	0.072
CE03 65	65.00	73.0	12,0	4	5	6	7	1000	30	160	111	100	0.078
CE03 70	70.00	79.0	14,0	4	5	6	7	1300	38	200	111	100	0.112
CE03 75	75.00	84.0	14,0	4	5	6	7	1500	41	220	111	100	0.120
CE03 80	80.00	91.0	17,0	5	6	7	8	2100	54	300	111	100	0.190
CE03 85*	85.00	96.0	17,0	5	6	7	8	2300	56	310	111	100	0.200
CE03 90	90.00	101.0	17,0	5	6	7	8	2700	61	320	111	100	0.212
CE03 95*	95.00	106.0	17,0	5	6	7	8	3500	73	380	111	100	0.230
CE03 100	100.00	114.0	21,0	5	6	8	9	4200	84	440	111	100	0.376
CE03 110*	110.00	124.0	21,0	5	6	8	9	4300	86	450	111	90	0.410
CE03 120*	120.00	134.0	21,0	5	6	8	9	5100	88	460	111	90	0.450
CE03 130*	130.00	148.0	28,0	6	7	9	11	8100	125	650	111	90	0.828
CE03 140*	140.00	158.0	28,0	6	7	9	11	9400	135	690	111	90	0.898
CE03 150*	150.00	168.0	28,0	6	7	9	11	11000	145	720	111	90	0.973

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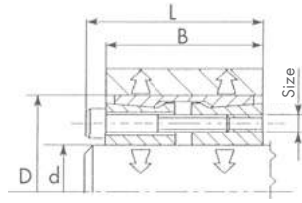
Description	d (mm)	D (mm)	D ₁ (mm)	b (mm)	B (mm)	L (mm)	Screws - description	Screws - number of	Screws - tightening torque Ms (Nm)	Torque M (Nm)	Axial force F (KN)	Pressure, shaft P _w (N/mm ²)	Pressure, hub P _N (N/mm ²)	Weight (kg)
CE06														
CE06 20	20.00	47.0	53	31.00	42.0	48.00	M6x25	6	17	320	33	116	70	0.416
CE06 22	22.00	47.0	53	31.00	42.0	48.00	M6x25	6	17	360	33	105	70	0.398
CE06 24	24.00	50.0	56	31.00	42.0	48.00	M6x25	6	17	390	33	97	70	0.442
CE06 25	25.00	50.0	56	31.00	42.0	48.00	M6x25	6	17	400	33	93	70	0.434
CE06 28	28.00	55.0	61	31.00	42.0	48.00	M6x25	6	17	450	33	83	60	0.516
CE06 30	30.00	55.0	61	31.00	42.0	48.00	M6x25	6	17	490	33	77	60	0.492
CE06 32	32.00	60.0	66	31.00	42.0	48.00	M6x25	8	17	690	43	97	70	0.560
CE06 35	35.00	60.0	66	31.00	42.0	48.00	M6x25	8	17	750	43	88	70	0.548
CE06 38	38.00	65.0	71	31.00	42.0	48.00	M6x25	8	17	820	43	81	70	0.650
CE06 40	40.00	65.0	71	31.00	42.0	48.00	M6x25	8	17	860	43	77	70	0.608
CE06 42	42.00	75.0	81	36.00	50.0	58.00	M8x30	6	41	1250	60	82	70	1.090
CE06 45	45.00	75.0	81	36.00	50.0	58.00	M8x30	6	41	1340	60	77	70	1.004
CE06 48	48.00	80.0	86	36.00	50.0	58.00	M8x30	8	41	1910	80	96	90	1.100
CE06 50	50.00	80.0	86	36.00	50.0	58.00	M8x30	8	41	1990	80	92	90	1.074
CE06 55	55.00	85.0	91	36.00	50.0	58.00	M8x30	8	41	2200	80	84	90	1.204
CE06 60	60.00	90.0	96	36.00	50.0	58.00	M8x30	8	41	2400	80	77	80	1.292
CE06 65	65.00	95.0	101	36.00	50.0	58.00	M8x30	8	41	2600	80	71	70	1.308
CE06 70	70.00	110.0	119	46.00	60.0	70.00	M10x30	8	83	4600	130	92	80	2.440
CE06 75*	75.00	115.0	124	46.00	60.0	70.00	M10x30	8	83	4930	130	86	80	2.596
CE06 80	80.00	120.0	129	46.00	60.0	70.00	M10x30	8	83	5200	130	81	70	2.730
CE06 85*	85.00	125.0	134	46.00	60.0	70.00	M10x30	10	83	7000	165	95	90	2.800
CE06 90	90.00	130.0	139	46.00	60.0	70.00	M10x30	10	83	7400	165	90	80	2.986
CE06 100	100.00	145.0	155	52.00	68.0	80.00	M12x35	8	145	9700	190	84	80	4.136
CE06 110*	110.00	165.0	175	52.00	68.0	80.00	M12x35	8	145	10680	190	77	70	4.500
CE06 120*	120.00	180.0	188	52.00	68.0	80.00	M12x35	10	145	14500	240	88	90	4.800
CE06 130*	130.00	190.0	199	58.50	76.0	90.00	M14x40	10	230	22800	325	91	90	7.000
CE06 140*	140.00	200.0	209	58.50	76.0	90.00	M14x40	12	230	29300	390	102	100	7.300
CE06 150*	150.00	210.0	219	58.50	76.0	90.00	M14x40	12	230	31300	390	95	100	7.800
CE06 170*	170.00	225.0	234	58.50	76.0	90.00	M14x40	14	230	38800	460	105	110	9.600
CE06 180*	180.00	235.0	244	58.50	76.0	90.00	M14x40	14	230	41000	460	99	100	9.000

* Non stock items We reserve the right to make technical changes.

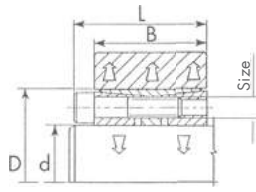


Description	d (mm)	D (mm)	D ₁ (mm)	b (mm)	B (mm)	L (mm)	Screws - description	Screws - number of	Screws - tightening torque Ms (Nm)	Torque M (Nm)	Axial force F (KN)	Pressure, shaft P _w (N/mm ²)	Pressure, hub P _N (N/mm ²)	Weight (kg)
CE07														
CE07 20	20.00	47.0	56	22.00	28.0	34.00	M6x20	6	17	320	32	171	100	0.280
CE07 22	22.00	47.0	56	22.00	28.0	34.00	M6x20	6	17	350	32	156	100	0.270
CE07 24	24.00	50.0	59	22.00	28.0	34.00	M6x20	6	17	390	32	143	100	0.310
CE07 25	25.00	50.0	59	22.00	28.0	34.00	M6x20	6	17	400	32	137	100	0.304
CE07 28	28.00	55.0	64	22.00	28.0	34.00	M6x20	6	17	450	32	122	90	0.362
CE07 30	30.00	55.0	64	22.00	28.0	34.00	M6x20	6	17	490	32	114	90	0.346
CE07 32	32.00	60.0	69	22.00	28.0	34.00	M6x20	8	17	700	43	143	110	0.420
CE07 35	35.00	60.0	69	22.00	28.0	34.00	M6x20	8	17	760	43	131	110	0.390
CE07 38	38.00	65.0	74	22.00	28.0	34.00	M6x20	8	17	820	43	120	100	0.454
CE07 40	40.00	65.0	74	22.00	28.0	34.00	M6x20	8	17	870	43	114	100	0.446
CE07 42	42.00	75.0	84	25.00	33.0	41.00	M8x25	6	41	1700	80	168	140	0.440
CE07 45	45.00	75.0	84	25.00	33.0	41.00	M8x25	6	41	1800	80	157	140	0.696
CE07 48	48.00	80.0	89	25.00	33.0	41.00	M8x25	8	41	1900	80	147	130	0.800
CE07 50	50.00	80.0	89	25.00	33.0	41.00	M8x25	8	41	2000	80	141	130	0.756
CE07 55	55.00	85.0	91	25.00	33.0	41.00	M8x25	8	41	2200	80	128	120	0.850
CE07 60	60.00	90.0	99	25.00	33.0	41.00	M8x25	8	41	2400	80	117	120	0.900
CE07 65	65.00	95.0	104	25.00	33.0	41.00	M8x25	8	41	2600	80	108	110	0.934
CE07 70	70.00	110.0	119	30.00	40.0	50.00	M10x30	8	83	4600	130	138	130	1.670
CE07 75	75.00	115.0	124	30.00	40.0	50.00	M10x30	8	83	5000	130	129	130	1.760
CE07 80	80.00	120.0	129	30.00	40.0	50.00	M10x30	8	83	5300	130	121	120	1.868
CE07 85	85.00	125.0	134	30.00	40.0	50.00	M10x30	10	83	7000	160	142	150	1.966
CE07 90	90.00	130.0	139	30.00	40.0	50.00	M10x30	10	83	7400	160	135	140	2.046
CE07 100	100.00	145.0	154	32.00	44.0	56.00	M12x30	8	145	9700	200	129	140	2.830
CE07 110	110.00	155.0	164	32.00	44.0	56.00	M12x30	8	145	10700	200	117	130	3.100
CE07 120	120.00	165.0	174	32.00	44.0	56.00	M12x30	9	145	13100	220	121	140	3.284
CE07 130	130.00	180.0	189	40.00	52.0	64.00	M12x30	12	145	19000	290	124	130	4.600
CE07 140*	140.00	190.0	199	40.00	54.0	68.00	M14x40	9	230	20500	300	111	120	4.980
CE07 150*	150.00	200.0	209	40.00	54.0	68.00	M14x40	10	230	24500	330	115	130	5.200
CE07 160*	160.00	210.0	219	40.00	54.0	68.00	M14x40	12	230	31300	390	130	150	5.600
CE07 180*	180.00	235.0	244	50.00	64.0	78.00	M14x40	12	230	35000	390	96	100	8.500
CE07 200*	200.00	260.0	269	50.00	64.0	78.00	M14x40	15	230	49000	500	108	110	9.600

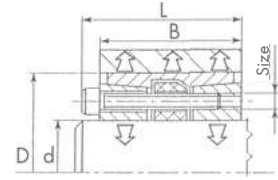
* Non stock items We reserve the right to make technical changes.



d = 25 to 40



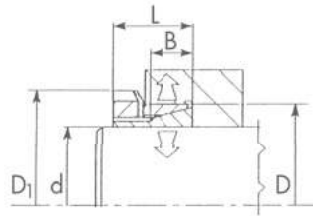
d = 45 to 160



d = 170 to 240

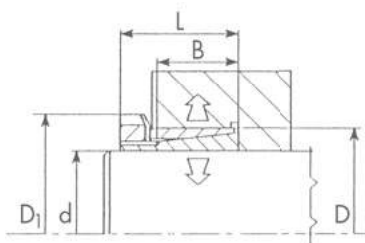
CE08													
Description	d (mm)	D (mm)	B (mm)	L (mm)	Screws - description	Screws - number of	Screws - tightening torque Ms (Nm)	Torque M (Nm)	Axial force F (kN)	Pressure, shaft P _w (N/mm ²)	Pressure, hub P _N (N/mm ²)	Weight (kg)	
CE08 25*	25.00	50.0	45.0	51.00	M6x35	6	17	700	55	157	80	0.415	
CE08 30*	30.00	55.0	45.0	51.00	M6x35	8	17	1200	70	175	90	0.464	
CE08 35*	35.00	60.0	45.0	51.00	M6x35	8	17	1400	70	150	90	0.526	
CE08 40*	40.00	65.0	45.0	51.00	M6x35	10	17	2000	90	164	100	0.550	
CE08 45	45.00	75.0	45.0	53.00	M8x35	8	41	3200	140	216	130	0.768	
CE08 50	50.00	80.0	64.0	72.00	M8x55	8	41	3600	140	165	80	1.326	
CE08 55*	55.00	85.0	64.0	72.00	M8x55	8	41	4000	140	150	80	1.430	
CE08 60	60.00	90.0	64.0	72.00	M8x55	10	41	5400	170	171	90	1.524	
CE08 65*	65.00	95.0	64.0	72.00	M8x55	10	41	5800	170	158	90	2.000	
CE08 70	70.00	110.0	78.0	88.00	M10x60	10	83	10300	280	199	100	2.932	
CE08 75*	75.00	115.0	78.0	88.00	M10x60	10	83	11000	280	186	100	3.100	
CE08 80	80.00	120.0	78.0	88.00	M10x60	12	83	14000	340	209	110	3.300	
CE08 85*	85.00	125.0	78.0	88.00	M10x60	12	83	15000	340	197	110	3.400	
CE08 90	90.00	130.0	78.0	88.00	M10x60	12	83	16000	340	186	100	3.600	
CE08 95*	95.00	135.0	78.0	88.00	M10x60	12	83	17000	340	176	100	4.000	
CE08 100	100.00	145.0	100.0	112.00	M12x80	12	145	16000	500	198	100	6.000	
CE08 110*	110.00	155.0	100.0	112.00	M12x80	12	145	29000	500	180	100	6.000	
CE08 120*	120.00	165.0	100.0	112.00	M12x80	14	145	36400	600	192	110	6.000	
CE08 130*	130.00	180.0	116.0	130.00	M14x90	12	230	45400	700	174	100	10.100	
CE08 140*	140.00	190.0	116.0	130.00	M14x90	14	230	57000	800	189	110	10.500	
CE08 150*	150.00	200.0	116.0	130.00	M14x90	16	230	70000	900	201	120	11.000	
CE08 160*	160.00	210.0	116.0	130.00	M14x90	16	230	75000	900	189	110	12.000	
CE08 170*	170.00	225.0	146.0	162.00	M16x110	14	355	95000	1100	168	100	17.000	
CE08 180*	180.00	235.0	146.0	162.00	M16x110	15	355	115000	1200	182	110	18.400	
CE08 190*	190.00	250.0	146.0	162.00	M16x110	16	355	121500	1200	172	100	21.400	
CE08 200*	200.00	260.0	146.0	162.00	M16x110	16	355	128000	1200	163	100	21.800	

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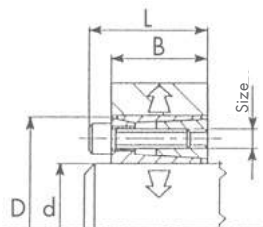
Description	d (mm)	D (mm)	D ₁ (mm)	B (mm)	L (mm)	Screws - description	Screws - number of	Screws - tightening torque M _s (Nm)	Torque M (Nm)	Axial force F (KN)	Pressure, shaft P _w (N/mm ²)	Pressure, hub P _N (N/mm ²)	Weight (kg)
CE10													
CE10 14	14.00	25.0	32	6.5	16.50	M20x1,5	1	65	37	6	171	73	0.052
CE10 15	15.00	25.0	32	6.5	16.50	M20x1,5	1	65	40	6	159	73	0.050
CE10 16	16.00	25.0	32	6.5	16.50	M20x1,5	1	65	42	6	149	73	0.048
CE10 18	18.00	30.0	38	7.0	17.00	M25x1,5	1	85	65	8	168	80	0.080
CE10 19	19.00	30.0	38	7.0	17.00	M25x1,5	1	95	60	7	136	70	0.078
CE10 20	20.00	30.0	38	7.0	17.00	M25x1,5	1	110	70	8	149	80	0.074
CE10 24	24.00	35.0	45	7.0	17.00	M30x1,5	1	155	100	10	147	80	0.100
CE10 25	25.00	35.0	45	7.0	17.00	M30x1,5	1	160	110	10	146	90	0.092
CE10 28	28.00	40.0	52	8.0	20.00	M35x1,5	1	200	140	11	126	70	0.140
CE10 30	30.00	40.0	52	8.0	20.00	M35x1,5	1	240	170	14	138	80	0.130
CE10 32	32.00	45.0	58	9.0	22.00	M40x1,5	1	320	210	15	135	80	0.170
CE10 35	35.00	45.0	58	9.0	22.00	M40x1,5	1	320	130	15	123	80	0.168
CE10 40	40.00	50.0	64	9.0	23.00	M45x1,5	1	440	330	19	132	90	0.216
CE10 45	45.00	55.0	70	10.0	25.50	M50x1,5	1	550	440	23	127	90	0.266
CE10 50*	50.00	60.0	75	10.0	25.50	M55x1,5	1	660	530	25	125	90	0.278
CE10 60*	60.00	70.0	85	12.0	29.50	M65x1,5	1	900	830	32	112	80	0.390

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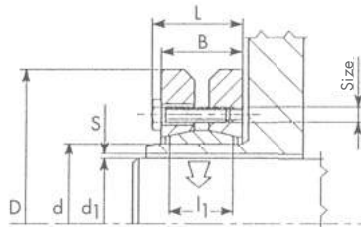
Description	d (mm)	D (mm)	D ₁ (mm)	B (mm)	L (mm)	Screws - description	Screws - number of	Screws - tightening torque M _s (Nm)	Torque M (Nm)	Axial force F (kN)	Pressure, shaft P _w (N/mm ²)	Pressure, hub P _N (N/mm ²)	Weight (kg)
CE11													
CE11 14	14.00	25.0	32	17.0	29.00	M20x1,5	1	90	90	15	145	80	0.080
CE11 15	15.00	25.0	32	17.0	29.00	M20x1,5	1	90	100	15	136	80	0.074
CE11 16	16.00	25.0	32	17.0	29.00	M20x1,5	1	70	80	12	99	60	0.072
CE11 18	18.00	30.0	38	18.0	31.00	M25x1,5	1	190	200	25	179	110	0.120
CE11 19	19.00	30.0	38	18.0	31.00	M25x1,5	1	150	170	20	134	90	0.114
CE11 20	20.00	30.0	38	18.0	31.00	M25x1,5	1	110	130	15	93	60	0.104
CE11 24	24.00	35.0	45	22.0	35.00	M30x1,5	1	230	270	26	112	80	0.162
CE11 25	25.00	35.0	45	22.0	35.00	M30x1,5	1	170	200	19	80	60	0.150
CE11 28	28.00	40.0	52	22.0	35.00	M35x1,5	1	390	460	38	141	110	0.214
CE11 30	30.00	40.0	52	22.0	35.00	M35x1,5	1	240	300	24	63	70	0.192
CE11 32	32.00	45.0	58	27.0	42.00	M40x1,5	1	320	420	31	80	70	0.280
CE11 35	35.00	45.0	58	28.0	42.00	M40x1,5	1	320	460	31	70	60	0.270
CE11 40	40.00	50.0	64	28.0	44.00	M45x1,5	1	440	640	37	75	70	0.330
CE11 45	45.00	55.0	70	28.0	45.00	M50x1,5	1	550	760	40	71	60	0.386
CE11 50	50.00	60.0	75	28.0	46.00	M50x1,5	1	660	930	44	70	60	0.408
CE11 60	60.00	70.0	85	28.0	52.00	M65x1,5	1	1050	1500	59	79	70	0.550

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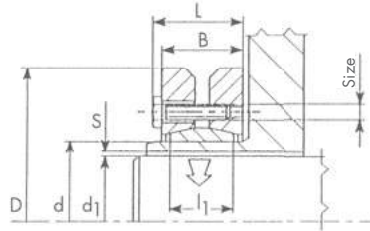
Description	d (mm)	D (mm)	B (mm)	L (mm)	Screws - description	Screws - number of	Screws - tightening torque Ms (Nm)	Torque M (Nm)	Axial force F (KN)	Pressure, shaft P _w (N/mm ²)	Pressure, hub P _N (N/mm ²)	Weight (kg)	
CE12													
CE12 16*	16.00	32.0	17.0	21.00	M4x14	4	5	80	13	134	68	0.070	
CE12 18*	18.00	40.0	18.0	24.00	M6x15	4	17	180	24	119	100	0.122	
CE12 19*	19.00	41.0	18.0	24.00	M6x15	4	17	190	24	215	100	0.126	
CE12 20*	20.00	42.0	18.0	24.00	M6x15	4	17	200	24	204	100	0.130	
CE12 22*	22.00	44.0	18.0	24.00	M6x15	4	17	220	24	186	90	0.138	
CE12 24*	24.00	46.0	18.0	24.00	M6x15	6	17	360	36	170	130	0.150	
CE12 25*	25.00	47.0	18.0	24.00	M6x15	6	17	380	36	245	130	0.160	
CE12 28*	28.00	50.0	18.0	24.00	M6x15	6	17	420	36	219	120	0.165	
CE12 30*	30.00	52.0	18.0	24.00	M6x15	6	17	450	36	204	120	0.174	
CE12 32*	32.00	54.0	18.0	24.00	M6x15	6	17	480	36	191	110	0.184	
CE12 35*	35.00	57.0	21.5	27.50	M6x15	6	17	520	36	139	90	0.242	
CE12 40*	40.00	62.0	21.5	27.50	M6x15	8	17	600	36	122	80	0.272	
CE12 45*	45.00	73.0	28.0	36.00	M8x22	8	41	1700	90	84	130	0.514	
CE12 50*	50.00	78.0	28.0	36.00	M8x22	8	41	1840	90	187	120	0.570	
CE12 60*	60.00	88.0	28.0	36.00	M8x22	8	41	2200	90	156	100	0.644	

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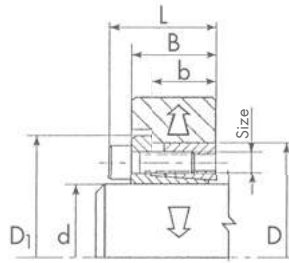
Description	d ₁ (mm)	d (mm)	D (mm)	B (mm)	L (mm)	I ₁ (mm)	S (mm)	Screws - description	Screws - number of	Screws - tightening torque M _s (Nm)	Torque M (Nm)	Axial force F (kN)	Pressure shaft P _w (N/mm ²)	Pressure hub P _N (N/mm ²)	Weight (kg)
CE14															
CE14 24*	19	24.00	50.0	19.0	23.00	14	0.017	M5	6	4	180	26	140	280	0.184
	20										210	27	170	280	
	21										250	29	200	280	
CE14 30*	24	30.00	60.0	21.0	25.00	16	0.017	M5	6	4	310	26	200	300	0.288
	25										340	27	205	300	
	26										380	28	220	300	
CE14 36*	28	36.00	72.0	23.0	27.00	18	0.017	M6	6	12	460	50	235	360	0.468
	30										590	54	240	360	
	31										630	58	260	360	
CE14 44*	32	44.00	80.0	25.0	29.00	20	0.032	M6	8	12	630	65	225	350	0.590
	35										780	74	240	350	
	36										860	77	255	350	
CE14 50*	38	50.00	90.0	27.0	31.00	22	0.032	M6	8	12	940	79	180	285	0.794
	40										1100	85	200	285	
	42										1300	90	220	285	
CE14 55*	42	55.00	100.0	30.0	34.00	23	0.032	M6	8	12	1200	80	155	250	1.104
	45										1500	90	180	250	
	48										1900	100	200	250	
CE14 62*	48	62.00	110.0	30.0	34.00	23	0.032	M6	10	12	1800	100	190	270	1.312
	50										2200	110	195	270	
	52										2400	120	210	270	
CE14 68*	50	68.00	115.0	30.0	34.00	23	0.038	M6	10	12	2000	100	140	250	1.304
	55										2500	110	175	250	
	60										3100	120	210	250	
CE14 75*	55	75.00	138.0	33.0	38.00	25	0.048	M8	8	30	2500	120	190	300	1.700
	60										3200	140	220	300	
	65										3900	150	250	300	
CE14 80*	60	80.00	145.0	32.0	38.00	25	0.048	M8	8	30	3200	120	185	280	2.540
	65										3900	140	210	280	
	70										4600	160	240	280	
CE14 90*	65	90.00	155.0	39.0	45.00	30	0.048	M8	10	30	4700	170	180	260	3.300
	70										6000	190	220	260	
	75										7200	210	240	260	
CE14 100*	70	100.00	170.0	44.0	49.50	34	0.048	M8	12	30	6900	180	165	250	4.410
	75										7500	220	185	250	
	80										9000	240	190	250	
CE14 110*	75	110.00	185.0	50.0	57.00	39	0.048	M10	10	59	7200	230	160	260	5.900
	80										9000	250	170	260	
	85										11000	260	185	260	
CE14 115*	80	115.00	188.0	50.0	57.00	39	0.048	M10	10	59	8500	210	150	245	9.000
	85										10000	240	170	245	
	90										12000	270	180	245	

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Description	d ₁ (mm)	d (mm)	D (mm)	B (mm)	L (mm)	l ₁ (mm)	S (mm)	Screws - description	Screws - number of	Screws - tightening torque Ms (Nm)	Torque M (Nm)	Axial force F (kN)	Pressure shaft P _w (N/mm ²)	Pressure hub P _N (N/mm ²)	Weight (kg)
CE14															
CE14 125*	85	125.00	215.0	54.0	61.00	42	0.056	M10	12	59	11000	300	160	260	8.600
	90										13000	320	180	260	
	95										15000	350	190	260	
CE14 130*	90	130.00	215.0	52.0	59.00	42	0.056	M10	12	59	13700	300	160	250	8.700
	95										15800	330	180	250	
	100										18200	360	190	250	
CE14 140*	95	140.00	230.0	60.0	68.00	46	0.056	M12	10	100	15000	360	170	260	10.000
	100										17000	400	185	260	
	105										20000	420	195	260	
CE14 155*	105	155.00	263.0	62.0	70.00	50	0.069	M12	12	100	20000	390	180	255	11.500
	110										23000	420	190	255	
	115										26000	450	200	255	
CE14 165*	115	165.00	290.0	68.0	78.00	56	0.069	M16	8	250	36000	630	195	265	20.600
	120										39000	660	200	265	
	125										44000	700	210	265	
CE14 175*	125	175.00	300.0	68.0	78.00	56	0.079	M16	8	250	40000	650	185	250	21.400
	130										44000	680	190	250	
	135										49000	720	200	250	
CE14 185*	135	185.00	330.0	86.0	96.00	71	0.079	M16	10	250	55000	815	175	230	33.400
	140										60000	875	185	230	
	145										65000	896	190	230	
CE14 195*	140	195.00	350.0	86.0	96.00	71	0.079	1M6	12	250	66000	950	210	265	38.000
	150										76000	1000	220	265	
	155										82000	1100	230	265	
CE14 220*	160	220.00	370.0	104.0	114.00	88	0.079	M16	15	250	95000	1200	190	235	54.000
	165										102000	1300	195	235	
	170										110000	1300	200	235	
CE14 240*	170	240.00	405.0	109.0	122.00	92	0.079	M20	12	490	120000	1500	210	260	67.000
	180										140000	1600	220	260	
	190										160000	1700	225	260	
CE14 260*	190	260.00	430.0	120.0	133.00	103	0.090	M20	14	490	165000	1700	205	250	82.000
	200										185000	1900	220	250	
	210										205000	2000	225	250	

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Description	d (mm)	D (mm)	D ₁ (mm)	b (mm)	B (mm)	L (mm)	Screws - description	Screws - number of	Screws - tightening torque M _s (Nm)	Torque M (Nm)	Axial force F (kN)	Pressure, shaft P _w (N/mm ²)	Pressure, hub P _N (N/mm ²)	Weight (kg)
CE16														
CE16 14 x 55*	14.00	55.0	62	23.00	31.0	39.00	M8x25	4	41	287	41	311	103	0.480
CE16 16 x 55*	16.00	55.0	62	23.00	31.0	39.00	M8x25	4	41	329	41	272	103	0.460
CE16 18 x 55*	18.00	55.0	62	23.00	31.0	39.00	M8x25	4	41	370	41	242	103	0.450
CE16 19 x 55*	19.00	55.0	62	23.00	31.0	39.00	M8x25	4	41	390	41	229	103	0.440
CE16 20 x 55*	20.00	55.0	62	23.00	31.0	39.00	M8x25	4	41	410	41	218	103	0.440
CE16 22 x 55*	22.00	55.0	62	23.00	31.0	39.00	M8x25	4	41	451	41	198	103	0.420
CE16 24 x 55*	24.00	55.0	62	23.00	31.0	39.00	M8x25	4	41	492	41	182	103	0.410
CE16 25 x 55*	25.00	55.0	62	23.00	31.0	39.00	M8x25	4	41	513	41	174	103	0.410
CE16 28 x 55*	28.00	55.0	62	23.00	31.0	39.00	M8x25	4	41	575	51	156	103	0.390
CE16 30 x 55*	30.00	55.0	62	23.00	31.0	39.00	M8x25	4	41	616	51	145	103	0.370
CE16 24 x 65*	24.00	65.0	72	23.00	31.0	39.00	M8x25	5	41	616	41	227	111	0.600
CE16 25 x 65*	25.00	65.0	72	23.00	31.0	39.00	M8x25	5	41	641	41	218	111	0.600
CE16 28 x 65*	28.00	65.0	72	23.00	31.0	39.00	M8x25	5	41	718	51	194	111	0.580
CE16 30 x 65*	30.00	65.0	72	23.00	31.0	39.00	M8x25	5	41	770	51	182	111	0.570
CE16 32 x 65*	32.00	65.0	72	23.00	31.0	39.00	M8x25	5	41	821	51	170	111	0.540
CE16 35 x 65*	35.00	65.0	72	23.00	31.0	39.00	M8x25	5	41	898	51	156	111	0.520
CE16 38 x 65*	38.00	65.0	72	23.00	31.0	39.00	M8x25	5	41	975	72	143	111	0.480
CE16 40 x 65*	40.00	65.0	72	23.00	31.0	39.00	M8x25	5	41	1026	72	136	111	0.460
CE16 30 x 80*	30.00	80.0	88	26.00	34.0	42.00	M8x25	7	41	1077	51	227	108	1.040
CE16 32 x 80*	32.00	80.0	88	26.00	34.0	42.00	M8x25	7	41	1150	51	213	108	1.000
CE16 35 x 80*	35.00	80.0	88	26.00	34.0	42.00	M8x25	7	41	1257	72	194	108	0.960
CE16 38 x 80*	38.00	80.0	88	26.00	34.0	42.00	M8x25	7	41	1364	72	179	108	0.930
CE16 40 x 80*	40.00	80.0	88	26.00	34.0	42.00	M8x25	7	41	1436	72	170	108	0.900
CE16 42 x 80*	42.00	80.0	88	26.00	34.0	42.00	M8x25	7	41	1509	72	162	108	0.900
CE16 45 x 80*	45.00	80.0	88	26.00	34.0	42.00	M8x25	7	41	1616	72	151	108	0.870
CE16 48 x 80*	48.00	80.0	88	26.00	34.0	42.00	M8x25	7	41	1723	72	142	108	0.850
CE16 50 x 80*	50.00	80.0	88	26.00	34.0	42.00	M8x25	7	41	1796	72	136	108	0.820

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A JUNCOR foi fundada em 1976.
39 anos de **devoção** e **entrega** à indústria.

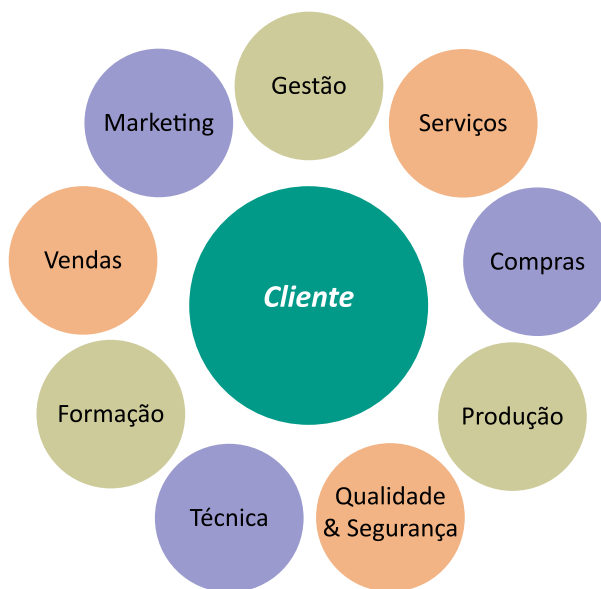
Actuação no mercado doméstico é bastante criteriosa e de primeira importância.

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Sede no **Porto** e filial no **Montijo**.
Actuação em todo o território nacional.



Equipa com **50 colaboradores**



Gama de Produtos e Congruência



Declaração de força

A JUNCOR tem clientes em **todas as áreas da indústria**, do processamento de *alimentos* aos *transportes*, passando pela tecnologia de fluidos, exploração e processamento de inertes, metalomecânica, celulose e papel, máquina-ferramenta, mecatrónica, ...

As nossas soluções tornam possível:

- **Melhorar** o desempenho sem comprometer os processos;
- Vivenciar um estado de **satisfação** verdadeiramente distinto...

... ajudamos a construir processos consistentes e coerentes que permitem **economizar dinheiro**, de diversas formas, e isso é uma **vantagem competitiva**.

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