



**Power Transmission**

# **Euro-Price List Metal**

effective from 1st October 1999



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Refer to our "General Conditions of Sale" for matters concerning liability and delivery.  
 With the introduction of this list all other price lists are superceded.  
 Alterations due to error or to technical improvements are excepted.  
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Taper bushes with metric bores. Keyways to DIN 6885 Part 1																
	Taper bush											Material: GG 20 - DIN 1961				
	1008	1108	1210	1215	1310	1610	1615	2012	2517	3020	3030	3525	3535	4040	4545	5050
Bore diameter d <sub>2</sub> (mm)	10	10	11	11	14	14	14	14	16	25	35	35	35	40	55	70
	11	11	12	12	16	16	16	16	18	28	38	38	38	42	60	75
	12	12	14	14	18	18	18	18	19	30	40	40	40	45	65	80
	14	14	16	16	19	19	19	19	20	32	42	42	42	48	70	85
	16	16	18	18	20	20	20	20	22	35	45	45	45	50	75	90
	18	18	19	19	22	22	22	22	24	38	48	48	48	55	80	95
	19	19	20	20	24	24	24	24	25	40	50	50	50	60	85	100
	20	20	22	22	25	25	25	25	28	42	55	55	55	65	90	105
	22	22	24	24	28	28	28	28	30	45	60	60	60	70	95	110
	24▲	24	25	25	30	30	30	30	32	48	65	65	65	75	100	115
	25▲	25	28	28	32	32	32	32	35	50	70	70	70	80	105	120
		28▲	30	30	35	35	35	35	38	55	75	75	75	85	110	125
			32	32		38	38	38	40	60		80	80	90		
						40	40	40	42	65		85	85	95		
						42▲	42▲	42	45	70		90	90	100		
							45	48	75							
							48	50								
							50	55								
								60								
Tightening torque (Nm)	5.7	5.7	20	20	20	20	20	31	49	92	92	115	115	172	195	275
Bush length (mm)	22.3	22.3	25.4	38.1	25.4	25.4	38.1	31.8	44.5	50.8	76.2	63.5	88.9	101.6	114.3	127.0
Weight at d <sub>2 min</sub> (= 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
Euro/each	<b>5.70</b>	<b>6.50</b>	<b>8.60</b>	<b>10.70</b>	<b>10.90</b>	<b>10.30</b>	<b>10.70</b>	<b>12.60</b>	<b>15.80</b>	<b>20.60</b>	<b>26.90</b>	<b>54.70</b>	<b>51.90</b>	<b>72.90</b>	<b>92.80</b>	<b>149.00</b>
DM/each	<b>11.15</b>	<b>12.71</b>	<b>16.82</b>	<b>20.93</b>	<b>21.32</b>	<b>20.15</b>	<b>20.93</b>	<b>24.64</b>	<b>30.90</b>	<b>40.29</b>	<b>52.61</b>	<b>106.98</b>	<b>101.51</b>	<b>142.58</b>	<b>181.50</b>	<b>291.42</b>

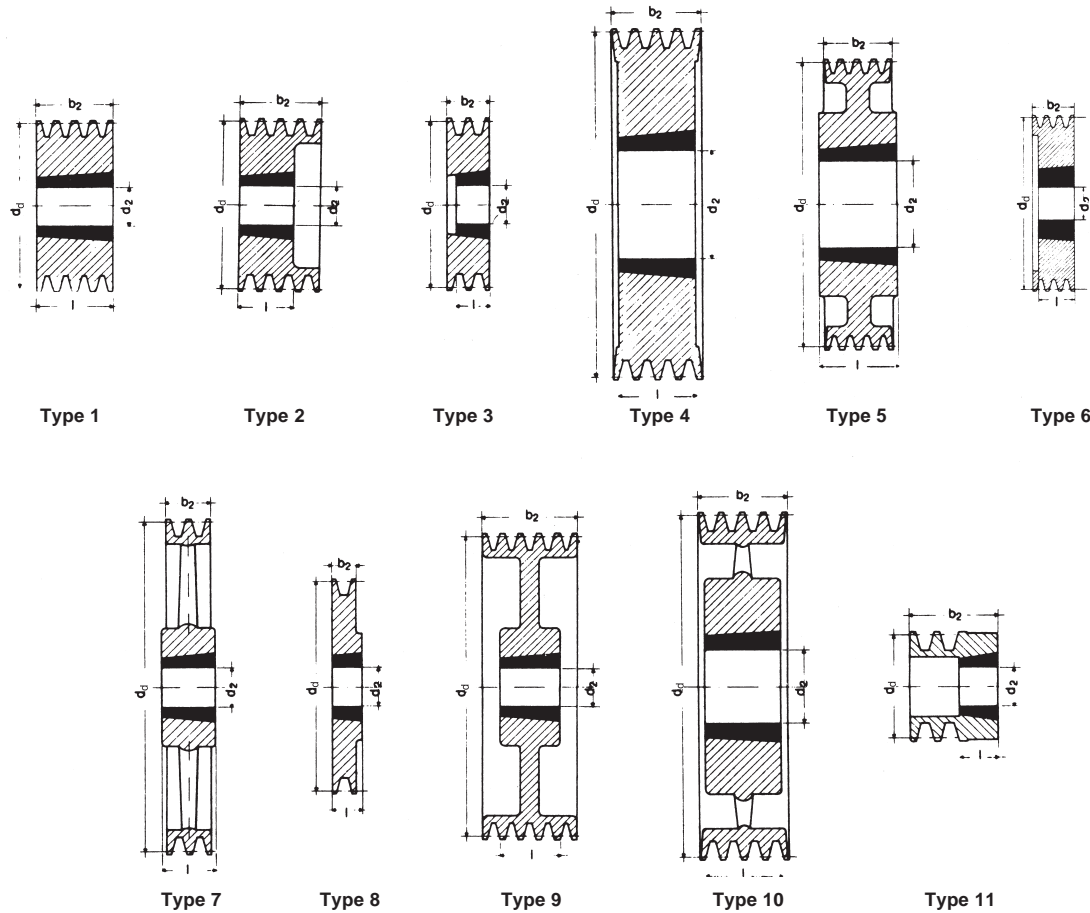
▲ These bores have shallow keyways.

Shallow keyways for taper bushes

Bore diameter d <sub>2</sub> (mm)	Keyway width b (mm)	Keyway depth t <sub>2</sub> (mm)	Bore diameter d <sub>2</sub> (mm)	Keyway width b (mm)	Keyway depth t <sub>2</sub> (mm)
24	8	2,0	28	8	2,0
25	8	1,3	42	12	2,2

Taper bushes with inch bores. Keyways to BS 46 Part 1																	
	Taper bush											Material: GG 20 - DIN 1961					
	1008	1108	1210	1215	1310	1610	1615	2012	2517	3020	3030	3525	3535	4040	4545	5050	
Bore diameter d <sub>2</sub> (inch)	3/8*	3/8*	1/2	5/8*	1/2*	1/2	1/2	5/8*	3/4	1 1/4	1 1/4	1 1/2*	1 1/2	1 3/4*	2 1/4*	3*	
	1/2	1/2	5/8	3/4	5/8*	5/8	5/8	3/4	7/8	1 3/8	1 3/8	1 5/8*	1 5/8	1 7/8*	2 3/8*	3 1/4*	
	5/8	5/8	3/4	7/8	3/4*	3/4	3/4	7/8	1	1 1/2	1 1/2	1 3/4*	1 3/4	2*	2 1/2*	3 1/2*	
	3/4	3/4	7/8	1	7/8*	7/8	7/8*	1	1 1/8	1 5/8	1 5/8	1 7/8*	1 7/8	2 1/8*	2 3/4*	3 3/4*	
	7/8*	7/8	1	1 1/8	1*	1	1	1 1/8	1 1/4	1 3/4*	1 3/4*	2*	2	2 1/4*	2 7/8*	4*	
	1▲	1	1 1/8	1 1/4	1 1/8	1 1/8	1 1/8	1 1/4	1 3/8	1 7/8	1 7/8	2 1/8*	2 1/8	2 3/8*	3*	4 1/4*	
		1 1/8▲*	1 1/4		1 1/4	1 1/4	1 1/4	1 3/8	1 1/2	2	2	2 1/4*	2 1/4	2 1/2*	3 1/4*	4 1/2*	
					1 3/8	1 3/8	1 3/8	1 1/2	1 5/8	2 1/8	2 1/8	2 3/8*	2 3/8	2 5/8*	3 3/8*	4 3/4*	
						1 1/2	1 1/2	1 5/8	1 3/4	1 5/8	2 1/4	2 1/4	2 1/2*	2 1/2	2 3/4*	3 1/2*	5*▲
						1 5/8	1 5/8	1 5/8▲*	1 3/4	1 7/8	2 3/8	2 3/8	2 5/8*	2 5/8	2 7/8*	3 3/4*	
								1 7/8	2	2	2 1/2	2 1/2	2 3/4*	2 3/4	3*	4*	
								2	2 1/8	2 5/8	2 5/8	2 5/8*	2 7/8*	2 7/8	3 1/8*	4 1/4*▲	
									2 1/4	2 3/4	2 3/4	2 3/4*	3*	3	3 1/4*	4 1/2*▲	
									2 3/8	2 7/8	2 7/8	3	3 1/8*	3 1/8	3 3/8*		
									2 1/2	3	3		3 1/4*	3 1/4	3 1/2*		
												3 3/8*	3 3/8	3 3/4*▲			
												3 1/2*▲	3 1/2▲	4*▲			
Tightening torque (Nm)	5.7	5.7	20	20	20	20	20	31	49	92	92	115	115	172	195	275	
Bush length (mm)	22.3	22.3	25.4	38.1	25.4	25.4	38.1	31.8	44.5	50.8	76.2	63.5	88.9	101.6	114.3	127.0	
Weight at d <sub>2 min</sub> (= 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	
Euro/each	<b>5.70</b>	<b>6.50</b>	<b>8.60</b>	<b>10.70</b>	<b>10.90</b>	<b>10.30</b>	<b>10.70</b>	<b>12.60</b>	<b>15.80</b>	<b>20.60</b>	<b>26.90</b>	<b>54.70</b>	<b>51.90</b>	<b>72.90</b>	<b>92.80</b>	<b>149.00</b>	
DM/each	<b>11.15</b>	<b>12.71</b>	<b>16.82</b>	<b>20.93</b>	<b>21.32</b>	<b>20.15</b>	<b>20.93</b>	<b>24.64</b>	<b>30.90</b>	<b>40.29</b>	<b>52.61</b>	<b>106.98</b>	<b>101.51</b>	<b>142.58</b>	<b>181.50</b>	<b>291.42</b>	

\* Non stock items. ▲ These bores have shallow keyways.



We reserve the right to make technical changes.

**Balancing**

The list prices apply, as per VDI 2060, to cast iron pulleys balanced in one plane as follows:  
Grade Q 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."

Balancing in one plane grade Q 6.3 on request.

We recommend balancing in two planes grade Q 6.3 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.

**Surcharges for finished bore H7 and keyway to DIN 6885 part 1**

Quantity	Finished bore up to 30 mm				Finished bore 31 to 50 mm				Finished bore 51 to 75 mm				Drilled and tapped for setscrews	
	without keyway		with keyway		without keyway		with keyway		without keyway		with keyway			
	Euro/ each	DM/ each	Euro/ each	DM/ each	Euro/ each	DM/ each	Euro/ each	DM/ each	Euro/ each	DM/ each	Euro/ each	DM/ each		
1 to 2	52.70	103.07	66.00	129.08	75.70	148.06	92.00	179.94	94.60	185.02	119.00	232.74	26.60	52.03
3 to 5	45.50	88.99	57.30	112.07	65.20	127.52	79.50	155.49	81.60	159.60	102.00	199.49	21.70	42.44
6 to 10	39.10	76.47	49.60	97.01	57.00	111.48	68.80	134.56	70.80	138.47	89.00	174.07	18.40	35.99
11 to 24	36.60	71.58	46.30	90.55	52.70	103.07	64.20	125.56	65.70	128.50	82.60	161.55	16.40	32.08
25 to 50	33.20	64.93	42.40	82.93	48.60	95.05	58.50	114.42	60.30	117.94	75.70	148.06	14.80	28.95
over 50	31.20	61.02	39.10	76.47	45.00	88.01	54.50	106.59	56.00	109.53	70.60	138.08	13.80	26.99

Special pulleys and custom designed pulleys on request



Section SPZ/10															
Datum diameter d <sub>a</sub> (mm)	No. of grooves	Type		Weight without bush (= kg)	Taper bush	Euro/each without bush	DM/each without bush	Datum diameter d <sub>a</sub> (mm)	No. of grooves	Type		Weight without bush (= kg)	Taper bush	Euro/each without bush	DM/each without bush
50▲	1	●	11	0.30	1008	17.70	34.62	118	1	●	8	0.9	1610	23.20	45.38
	2	●	11	0.40	1008	21.50	42.05		2	●	6	1.3	1610	25.80	50.46
56▲	1	●	11	0.40	1008	14.10	27.58	125	3	●	6	1.6	2012	32.20	62.98
	2	●	11	0.50	1108	16.20	31.68		4	●	6	1.8	2012	36.40	71.19
60	1	●	8	0.20	1008	14.50	28.36		5	●	6	1.8	2012	45.40	88.79
	2	●	11	0.60	1108	16.90	33.05		6*	●	6	2.0	2517	48.00	93.88
63	1	●	8	0.20	1108	15.10	29.53		1	●	8	1.0	1610	24.70	48.31
	2	●	6	0.30	1108	17.70	34.62		2	●	6	1.4	1610	26.90	52.61
	3	●	6	0.40	1108	22.60	44.20	3	●	2	1.8	2012	33.10	64.74	
67	1	●	8	0.30	1108	15.20	29.73	4	●	2	2.2	2012	39.30	76.86	
	2	●	6	0.40	1108	18.40	35.99	5	●	6	2.3	2012	46.20	90.36	
	3	●	6	0.50	1108	23.20	45.38	6*	●	6	2.5	2517	50.20	98.18	
71	1	●	8	0.30	1108	15.40	30.12	132	1	●	8	1.1	1610	25.80	50.46
	2	●	6	0.40	1108	18.80	36.77		2	●	6	1.5	1610	27.30	53.39
	3	●	6	0.60	1108	23.70	46.35		3	●	2	2.3	2012	34.10	66.69
75	1	●	8	0.40	1108	16.00	31.29		4	●	2	2.5	2012	40.40	79.02
	2	●	6	0.40	1210	19.00	37.16		5	●	6	2.7	2517	46.90	91.73
	3	●	6	0.50	1210	24.10	47.14		6*	●	6	2.9	2517	52.00	101.70
80	1	●	8	0.50	1210	16.20	31.68	140	1	●	8	1.2	1610	26.50	51.83
	2	●	6	0.60	1210	19.60	38.33		2	●	2	1.7	1610	29.60	57.89
	3	●	6	0.70	1210	24.70	48.31		3	●	2	2.6	2012	36.10	70.61
	4	●	6	0.80	1210	26.00	50.85		4	●	2	2.9	2012	41.50	81.17
85	1	●	8	0.60	1210	16.50	32.27		5	●	2	3.2	2517	48.40	94.66
	2	●	6	0.50	1610	19.70	38.53		6*	●	2	3.5	2517	53.80	105.22
	3	●	6	0.60	1610	25.20	49.29	8*	●	4	4.0	2517	98.20	192.06	
	4	●	6	0.90	1610	30.70	60.04	150	1	●	8	1.2	1610	27.90	54.57
	5	●	6	1.00	1610	36.70	71.78		2	●	8	2.0	2012	31.10	60.83
90	1	●	8	0.70	1210	16.90	33.05		3	●	2	3.1	2012	37.80	73.93
	2	●	6	0.70	1610	20.30	39.70		4	●	2	3.7	2517	44.00	86.06
	3	●	6	0.80	1610	25.80	50.46		5	●	2	4.0	2517	50.50	98.77
	4	●	6	1.00	1610	32.50	63.56		6*	●	2	4.4	2517	54.50	106.59
	5	●	6	1.20	1610	37.10	72.56	8*	●	4	5.1	2517	102.00	199.49	
95	1	●	8	0.70	1210	18.80	36.77	160	1	●	8	1.3	1610	29.70	58.09
	2	●	6	0.80	1610	20.70	40.49		2	●	8	2.5	2012	32.80	64.15
	3	●	6	0.90	1610	26.10	51.05		3	●	2	3.6	2012	39.30	76.86
	4	●	6	1.10	1610	33.30	65.13		4	●	2	4.4	2517	45.10	88.21
	5	●	6	1.30	1610	37.80	73.93		5	●	2	4.8	2517	53.10	103.85
100	1	●	8	0.80	1210	19.70	38.53		6*	●	2	5.2	2517	58.90	115.20
	2	●	6	0.90	1610	22.20	43.42	8*	●	4	5.6	2517	111.00	217.10	
	3	●	6	1.10	1610	27.50	53.79	170	1	●	8	1.5	1610	32.00	62.59
	4	●	6	1.10	1610	33.70	65.91		2	●	8	2.5	2012	37.50	73.34
	5	●	6	1.30	2012	39.60	77.45		3	○	9	4.2	2012	44.00	86.06
	6*	●	6	1.40	2012	41.10	80.38		4	●	2	5.3	2517	51.30	100.33
106	1	●	8	0.90	1610	20.10	39.31		5	●	2	5.9	2517	74.90	146.49
	2	●	6	1.10	1610	23.70	46.35		6*	●	2	6.5	2517	87.60	171.33
	3	●	6	1.30	1610	28.60	55.94	180	1	●	8	1.6	1610	32.50	63.56
	4	●	6	1.30	1610	35.00	68.45		2	●	8	2.5	2012	38.50	75.30
	5	●	6	1.50	2012	41.10	80.38		3	○	9	4.8	2012	44.70	87.43
	6*	●	6	1.60	2012	44.40	86.84		4	○	9	6.1	2517	52.00	101.70
112	1	●	8	1.00	1610	21.80	42.64		5	○	9	6.3	2517	56.40	110.31
	2	●	6	1.30	1610	24.70	48.31		6*	○	9	6.8	2517	63.30	123.80
	3	●	6	1.30	2012	29.60	57.89	8*	●	4	7.1	3020	117.00	228.83	
	4	●	6	1.50	2012	35.60	69.63	190	1	●	8	1.8	1610	34.20	66.89
	5	●	6	1.80	2012	43.60	85.27		2	●	8	2.6	2012	41.50	81.17
	6*	●	6	1.90	2012	46.20	90.36		3	○	9	4.9	2012	45.10	88.21
									4	○	9	5.3	2517	53.10	103.85
									5	○	9	6.3	2517	79.60	155.68
									6*	○	9	6.9	2517	93.80	183.46

▲ only for section Z/10

No. of grooves z	1	2	3	4	5	6	8
Face width b <sub>2</sub> (mm)	16	28	40	52	64	76	100
Taper bush	1008	1108	1210	1610	2012	2517	3020
Bore d <sub>2</sub> (mm) from ... to ...	10-25	10-28	11-32	14-42	14-50	16-60	25-75
Euro/each	5.70	6.50	8.60	10.30	12.60	15.80	20.60
DM/each	11.15	12.71	16.82	20.15	24.64	30.90	40.29

- Solid pulley
- Plate pulley (with or without holes)
- × Spoked pulley
- Material: GG 20 – DIN 1691
- \* Non stock item

Bore diameters d<sub>2</sub> see page 3

Section SPZ/10																
Datum diameter d <sub>d</sub> (mm)	No. of grooves	Type		Weight without bush (= kg)	Taper bush	Euro/each without bush	DM/each without bush	Datum diameter d <sub>d</sub> (mm)	No. of grooves	Type		Weight without bush (= kg)	Taper bush	Euro/each without bush	DM/each without bush	
200	1	●	8	2.3	2012	35.40	69.24	500	2	x	7	9.1	2517	199.00	389.21	
	2	●	8	2.8	2012	43.30	84.69		3	x	7	11.4	2517	228.00	445.93	
	3	○	9	3.5	2012	45.80	89.58		4	x	10	14.3	3020	260.00	508.52	
	4	○	9	4.7	2517	53.80	105.22		5	x	10	17.6	3020	273.00	533.94	
	5	○	9	5.5	2517	60.70	118.72		6*	x	10	19.9	3020	355.00	694.32	
	6*	○	9	6.1	2517	67.60	132.21		630	3*	x	7	15.9	2517	339.00	663.03
	8*	●	4	9.3	3020	129.00	252.30			4*	x	10	20.0	3020	395.00	772.55
	224	1	○	5	2.5	2012	41.50		81.17	5*	x	10	22.7	3020	420.00	821.45
2		○	5	3.2	2012	48.40	94.66	6*	x	7	33.6	3535	476.00	930.98		
3		○	9	3.9	2012	56.40	110.31									
4		○	9	5.2	2517	66.50	130.06									
5		○	9	6.0	2517	76.40	149.43									
6*		○	9	6.6	2517	85.10	166.44									
8*		●	4	11.8	3020	132.00	258.17									
250		1	x	7	2.8	2012	45.80	89.58								
	2	x	7	3.5	2012	54.50	106.59									
	3	x	10	4.3	2012	65.10	127.32									
	4	x	10	5.7	2517	79.30	155.10									
	5	x	10	6.4	2517	92.30	180.52									
	6*	x	10	7.0	2517	94.90	185.61									
	8*	x	10	10.5	3020	150.00	293.37									
	280	1	x	7	2.9	2012	58.20	113.83								
2		x	7	4.0	2012	65.10	127.32									
3		x	7	5.3	2517	74.50	145.71									
4		x	10	6.4	2517	92.30	180.52									
5		x	10	7.1	2517	109.00	213.19									
6*		x	10	7.8	2517	113.00	221.01									
8*		x	10	10.8	3020	176.00	344.23									
315		1	x	7	3.1	2012	67.30	131.63								
	2	x	7	4.2	2012	74.20	145.12									
	3	x	7	6.1	2517	86.90	169.96									
	4	x	10	7.6	2517	106.00	207.32									
	5	x	10	8.6	2517	126.00	246.43									
	6*	x	10	9.3	2517	195.00	381.39									
355	1	x	7	3.5	2012	98.40	192.45									
	2	x	7	5.1	2012	110.00	215.14									
	3	x	7	7.3	2517	139.00	271.86									
	4	x	10	8.9	2517	181.00	354.01									
	5	x	10	10.0	2517	205.00	400.95									
	6*	x	10	10.7	2517	268.00	524.16									
	8*	x	10	16.0	3030	387.00	756.91									
	400	1	x	7	6.0	2012	113.00	221.01								
2		x	7	6.3	2517	139.00	271.86									
3		x	7	8.0	2517	169.00	330.54									
4		x	10	10.1	2517	210.00	410.72									
5		x	10	11.7	3020	225.00	440.06									
6*		x	10	14.5	3020	314.00	614.13									
8*		x	10	18.2	3030	420.00	821.45									
450		1	x	7	6.1	2517	157.00	307.07								
	2	x	7	8.2	2517	181.00	354.01									
	3	x	7	9.8	2517	197.00	385.30									
	4	x	10	11.8	3020	227.00	443.97									
	5	x	10	13.9	3020	249.00	487.00									
	6*	x	10	16.9	3030	351.00	686.50									
	8*	x	10	24.0	3535	460.00	899.68									

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

Taper bush	2012	2517	3020	3030	3535
Bore d <sub>2</sub> (mm) from ... to ...	14-50	16-60	25-75	35-75	35-90
Euro/each	12.60	15.80	20.60	26.90	51.90
DM/each	24.64	30.90	40.29	52.61	101.51

- Solid pulley
- Plate pulley (with or without holes)
- x Spoked pulley

Material: GG 20 – DIN 1691

\* Non stock item

Bore diameters d<sub>2</sub> see page 3

Section SPA/13																
Datum diameter $d_a$ (mm)	No. of grooves	Type		Weight without bush (= kg)	Taper bush	Euro/each without bush	DM/each without bush	Datum diameter $d_a$ (mm)	No. of grooves	Type		Weight without bush (= kg)	Taper bush	Euro/each without bush	DM/each without bush	
63▲	1	●	11	0.60	1108	20.90	40.88	140	1	●	8	1.8	1610	30.90	60.44	
	2	●	11	0.80	1108	22.20	43.42		2	●	2	2.0	2012	33.70	65.91	
67▲	1	●	8	0.30	1108	18.10	35.40	140	3	●	2	2.8	2517	41.50	81.17	
	2	●	6	0.50	1108	19.70	38.53		4	●	2	3.1	2517	48.40	94.66	
71▲	1	●	8	0.30	1108	18.60	36.38		150	5	●	2	3.4	2517	56.40	110.31
	2	●	6	0.50	1108	20.50	40.09			1	●	8	1.4	1610	32.20	62.98
	3	●	6	0.70	1108	25.60	50.07			2	●	2	2.4	2012	35.60	69.63
75▲	1	●	8	0.40	1108	19.00	37.16	150	3	●	2	3.5	2517	44.00	86.06	
	2	●	6	0.60	1108	21.80	42.64		4	●	2	3.8	2517	50.20	98.18	
	3	●	6	0.80	1108	35.70	69.82		5	●	2	4.2	2517	57.10	111.68	
80▲	1	●	8	0.50	1210	19.00	37.16	160	1	○	5	1.9	1610	33.10	64.74	
	2	●	6	0.60	1210	21.50	42.05		2	●	2	2.9	2012	36.40	71.19	
	3	●	6	0.90	1210	27.50	53.79		3	●	2	3.9	2517	45.10	88.21	
85	1	●	8	0.60	1210	19.40	37.94		160	4	●	2	4.4	2517	52.00	101.70
	2	●	6	0.70	1210	22.60	44.20			5	●	2	5.1	2517	59.60	116.57
	3	●	6	1.00	1210	28.60	55.94	170		1	○	5	2.0	1610	39.30	76.86
90	1	●	8	0.70	1210	20.10	39.31		170	2	●	2	3.1	2012	49.40	96.62
	2	●	6	0.70	1610	22.90	44.79			3	●	2	4.6	2517	59.30	115.98
	3	●	6	1.00	1610	29.60	57.89			4	●	2	5.5	2517	67.60	132.21
95	1	●	8	0.80	1210	21.30	41.66		170	5	●	2	5.9	3020	74.50	145.71
	2	●	6	0.90	1610	24.10	47.14	180		1	○	5	2.1	1610	36.40	71.19
	3	●	6	1.10	1610	31.10	60.83			2	○	9	3.4	2012	42.20	82.54
	4	●	6	1.40	1615	36.10	70.61			3	●	2	5.1	2517	49.10	96.03
100	1	●	8	0.80	1610	22.40	43.81		180	4	●	2	5.9	2517	55.60	108.74
	2	●	6	0.90	1610	25.80	50.46			5	●	2	6.2	3020	64.70	126.54
	3	●	2	1.20	1610	32.20	62.98	190		1	○	5	2.3	1610	49.40	96.62
	4	●	2	1.70	1610	39.30	76.86			2	○	9	3.8	2012	60.00	117.35
	5	●	6	1.90	1610	46.20	90.36			3	●	2	5.4	2517	70.50	137.89
106	1	●	8	0.90	1610	23.90	46.74		190	4	●	2	6.8	2517	81.40	159.20
	2	●	6	1.10	1610	26.90	52.61			5	●	2	7.4	3020	89.40	174.85
	3	●	2	1.40	1610	33.70	65.91	200		1	○	5	2.6	2012	40.40	79.02
	4	●	6	2.00	2012	40.00	78.23			2	○	5	4.1	2517	46.90	91.73
	5	●	6	2.00	2012	47.60	93.10			3	○	9	4.9	2517	53.10	103.85
112	1	●	8	1.00	1610	25.20	49.29		200	4	●	2	7.4	3020	59.30	115.98
	2	●	6	1.20	1610	28.60	55.94			5	●	4	8.4	3020	68.70	134.37
	3	●	6	1.30	2012	35.00	68.45	212		1	○	5	2.7	2012	44.70	87.43
	4	●	6	1.90	2012	41.10	80.38			2	○	5	4.3	2517	50.90	99.55
	5	●	6	2.10	2012	49.80	97.40			3	○	9	5.2	2517	58.20	113.83
118	1	●	8	1.20	1610	26.50	51.83		212	4	●	2	7.3	3020	68.00	133.00
	2	●	6	1.40	1610	29.60	57.89			5	●	2	8.2	3020	77.80	152.16
	3	●	2	1.80	2012	36.10	70.61	224		1	x	7	2.7	2012	48.70	95.25
	4	●	2	2.00	2012	43.30	84.69			2	○	5	4.4	2517	54.50	106.59
	5	●	2	2.40	2012	52.00	101.70			3	○	9	5.5	2517	62.90	123.02
125	1	●	8	1.40	1610	27.90	54.57		224	4	●	2	7.4	3020	76.40	149.43
	2	●	2	1.70	1610	31.10	60.83			5	●	2	8.3	3020	86.90	169.96
	3	●	2	2.00	2012	37.80	73.93	236		1	x	7	2.8	2012	52.40	102.49
	4	●	2	2.50	2012	44.70	87.43			2	○	5	4.6	2517	60.00	117.35
	5	●	2	2.70	2012	53.10	103.85			3	○	9	5.7	2517	69.80	136.52
132	1	●	8	1.60	1610	29.00	56.72		236	4	●	2	7.8	3020	84.30	164.88
	2	●	2	1.80	2012	32.80	64.15			5	●	2	8.7	3020	96.30	188.35
	3	●	2	2.30	2012	39.30	76.86	250		1	x	7	2.9	2012	54.50	106.59
	4	●	2	2.60	2517	45.80	89.58			2	x	7	4.8	2517	62.90	123.02
	5	●	2	2.90	2517	53.80	105.22			3	○	9	5.9	2517	74.20	145.12
	1	○	9	8.0	3020	90.50	177.00		4	○	9	8.0	3020	90.50	177.00	
	2	○	9	9.0	3020	104.00	203.41		5	○	9	9.0	3020	104.00	203.41	

▲ only for section A/13

No. of grooves z	1	2	3	4	5
Face width $b_2$ (mm)	20	35	50	65	80

Taper bush	1108	1210	1610	1615	2012	2517	3020	3535
Bore $d_2$ (mm) from ... to ...	10-28	11-32	14-42	14-42	14-50	16-60	25-75	35-90
Euro/each	6.50	8.60	10.30	10.70	12.60	15.80	20.60	51.90
DM/each	12.71	16.82	20.15	20.93	24.64	30.90	40.29	101.51

- Solid pulley
  - Plate pulley (with or without holes)
  - x Spoked pulley
- Material: GG 20 – DIN 1691

Bore diameters  $d_2$  see page 3

**Section SPA/13**

Datum diameter $d_d$ (mm)	No. of grooves	Type		Weight without bush (= kg)	Taper bush	Euro/each without bush	DM/each without bush	Datum diameter $d_d$ (mm)	No. of grooves	Type		Weight without bush (= kg)	Taper bush	Euro/each without bush	DM/each without bush
		x	O							x	O				
280	1	x	7	3.3	2012	<b>67.30</b>	<b>131.63</b>	450	1	x	7	7.0	2012	<b>123.00</b>	<b>240.57</b>
	2	x	7	5.4	2517	<b>74.50</b>	<b>145.71</b>		2	x	7	10.3	2517	<b>142.00</b>	<b>277.73</b>
	3	O	9	6.7	2517	<b>86.20</b>	<b>168.59</b>		3	x	7	14.1	3020	<b>176.00</b>	<b>344.23</b>
	4	O	9	8.8	3020	<b>106.00</b>	<b>207.32</b>		4	x	10	15.5	3020	<b>208.00</b>	<b>406.81</b>
	5	O	5	15.5	3535	<b>123.00</b>	<b>240.57</b>		5	x	7	24.3	3535	<b>252.00</b>	<b>492.87</b>
315	1	x	7	3.6	2012	<b>77.10</b>	<b>150.79</b>	500	1	x	7	8.0	2517	<b>137.00</b>	<b>267.95</b>
	2	x	7	6.0	2517	<b>84.30</b>	<b>164.88</b>		2	x	7	11.6	2517	<b>155.00</b>	<b>303.15</b>
	3	O	5	8.3	3020	<b>99.60</b>	<b>194.80</b>		3	x	7	16.0	3020	<b>205.00</b>	<b>400.95</b>
	4	O	9	9.7	3020	<b>122.00</b>	<b>238.61</b>		4	x	10	18.2	3020	<b>237.00</b>	<b>463.53</b>
	5	O	5	17.0	3535	<b>143.00</b>	<b>279.68</b>		5	x	7	27.3	3535	<b>289.00</b>	<b>565.23</b>
355	1	x	7	4.2	2012	<b>91.20</b>	<b>178.37</b>	560	1	x	7	11.6	2517	<b>165.00</b>	<b>322.71</b>
	2	x	7	6.7	2517	<b>101.00</b>	<b>197.54</b>		2	x	7	15.5	3020	<b>205.00</b>	<b>400.95</b>
	3	x	7	9.2	3020	<b>122.00</b>	<b>238.61</b>		3	x	7	17.8	3020	<b>230.00</b>	<b>449.84</b>
	4	x	10	11.0	3020	<b>147.00</b>	<b>287.51</b>		4	x	7	26.7	3535	<b>269.00</b>	<b>526.12</b>
	5	x	7	18.6	3535	<b>172.00</b>	<b>336.40</b>		5	x	7	30.4	3535	<b>327.00</b>	<b>639.56</b>
400	1	x	7	4.9	2012	<b>108.00</b>	<b>211.23</b>	630	1	x	7	10.1	2517	<b>164.00</b>	<b>320.76</b>
	2	x	7	8.1	2517	<b>119.00</b>	<b>232.74</b>		2	x	7	16.0	3020	<b>246.00</b>	<b>481.13</b>
	3	x	7	11.0	3020	<b>148.00</b>	<b>289.46</b>		3	x	7	22.0	3020	<b>262.00</b>	<b>512.43</b>
	4	x	10	12.8	3020	<b>174.00</b>	<b>340.31</b>		4	x	7	30.8	3535	<b>314.00</b>	<b>614.13</b>
	5	x	7	21.0	3535	<b>207.00</b>	<b>404.86</b>		5	x	7	33.7	3535	<b>401.00</b>	<b>784.29</b>

No. of grooves z	1	2	3	4	5
Face width $b_2$ (mm)	20	35	50	65	80

Taper bush	2012	2517	3020	3535
Bore $d_2$ (mm) from ... to ...	14-50	16-60	25-75	35-90
<b>Euro/each</b>	<b>12.60</b>	<b>15.80</b>	<b>20.60</b>	<b>51.90</b>
<b>DM/each</b>	<b>24.64</b>	<b>30.90</b>	<b>40.29</b>	<b>101.51</b>

- Solid pulley
  - O Plate pulley (with or without holes)
  - X Spoked pulley
- Material: GG 20 – DIN 1691

Bore diameters  $d_2$  see page 3

Section SPB/17																	
Datum diameter d <sub>a</sub> (mm)	No. of grooves	Type		Weight without bush (= kg)	Taper bush	Euro/each without bush	DM/each without bush	Datum diameter d <sub>a</sub> (mm)	No. of grooves	Type		Weight without bush (= kg)	Taper bush	Euro/each without bush	DM/each without bush		
100▲	1	●	8	0.9	1610	32.20	62.98	200	1	●	8	5.0	2012	48.70	95.25		
	2	●	6	1.2	1610	34.40	67.28		2	●	8	5.4	2517	58.50	114.42		
	3	●	6	1.7	1610	40.00	78.23		3	●	2	6.5	2517	64.00	125.17		
112▲	1	●	8	1.1	1610	32.90	64.35	212	4	●	2	8.8	3020	74.20	145.12		
	2	●	6	1.5	1610	35.60	69.63		5	●	2	9.1	3020	83.30	162.92		
	3	●	6	2.0	1610	40.70	79.60		6	●	4	10.3	3020	93.40	182.67		
118▲	1	●	8	1.3	1610	33.70	65.91	224	8	●	4	13.5	3535	173.00	338.36		
	2	●	6	1.7	1610	36.30	71.00		1	●	8	4.2	2012	53.10	103.85		
	3	●	6	2.3	1610	41.80	81.75		2	●	8	4.9	2517	64.00	125.17		
125▲	1	●	8	1.5	1610	34.40	67.28	236	3	●	2	6.0	2517	69.40	135.73		
	2	●	2	1.9	2012	37.10	72.56		4	●	2	9.8	3020	78.90	154.31		
	3	●	2	2.4	2012	43.30	84.69		5	●	2	11.0	3020	87.30	170.74		
	4	●	4	3.0	2012	49.40	96.62		6	●	4	14.3	3535	109.00	213.19		
	5	●	6	3.5	2012	58.20	113.83		8	●	4	16.6	3535	192.00	375.52		
132▲	1	●	8	1.8	1610	36.70	71.78	250	1	●	8	4.7	2012	57.10	111.68		
	2	●	2	2.2	2012	40.40	79.02		2	●	8	5.3	2517	66.20	129.48		
	3	●	2	2.8	2012	47.30	92.51		3	●	2	6.3	2517	76.40	149.43		
	4	●	4	3.4	2012	55.60	108.74		4	●	2	11.3	3020	90.90	177.78		
	5	●	4	3.7	2012	64.70	126.54		5	●	2	12.7	3020	105.00	205.36		
140	1	●	8	2.3	1610	37.10	72.56	250	6	●	4	17.0	3535	126.00	246.43		
	2	●	2	2.7	2012	40.70	79.60		8	●	4	19.3	3535	207.00	404.86		
	3	●	2	3.3	2012	50.20	98.18		10	●	4	21.8	3535	260.00	508.52		
	4	●	2	3.7	2517	57.40	112.26		236	1	●	8	5.0	2012	59.30	115.98	
	5	●	2	4.5	2517	66.90	130.85			2	●	8	5.5	2517	69.40	135.73	
	6	●	4	4.6	2517	76.70	150.01			3	x	10	7.0	2517	82.90	162.14	
150	1	●	8	2.7	1610	39.30	76.86	250		4	x	10	14.5	3020	100.00	195.58	
	2	●	2	3.1	2012	42.50	83.12			5	●	6	16.9	3535	115.00	224.92	
	3	●	2	3.9	2517	52.70	103.07			6	●	4	20.0	3535	136.00	265.99	
	4	●	2	4.4	2517	59.30	115.98		8	●	4	22.3	3535	216.00	422.46		
	5	●	4	5.2	2517	68.70	134.37		10	●	4	25.3	3535	273.00	533.94		
	6	●	4	5.6	2517	78.20	152.95		250	1	●	8	5.4	2012	61.10	119.50	
160	1	●	8	2.5	1610	40.40	79.02	250		2	x	7	5.5	2517	75.60	147.86	
	2	●	2	2.9	2012	44.70	87.43			3	●	2	7.7	3020	89.10	174.26	
	3	●	2	4.2	2517	55.30	108.16			4	●	2	19.6	3020	104.00	203.41	
	4	●	4	4.9	2517	62.50	122.24			5	●	2	21.7	3535	125.00	244.48	
	5	●	4	6.0	2517	71.30	139.45			6	●	4	23.3	3535	146.00	285.55	
	6	●	4	5.4	3020	81.10	158.62		8	●	4	27.5	3535	219.00	428.33		
170	1	●	8	2.9	1610	42.20	82.54	250	10	●	4	29.3	3535	285.00	557.41		
	2	●	2	3.3	2012	48.70	95.25		265	2	●	7	6.2	2517	180.00	352.05	
	3	●	2	4.9	2517	56.70	110.90			3	○	9	8.0	3020	274.00	535.90	
	4	●	4	5.7	2517	64.70	126.54			4	○	9	9.5	3020	345.00	674.76	
	5	●	4	6.1	3020	73.80	144.34			6	○	9	16.7	3525	433.00	846.87	
	6	●	4	6.5	3020	83.60	163.51			8	○	9	24.0	3525	592.00	1157.85	
	8	●	4	8.0	3020	93.40	182.67			280	1	x	7	6.1	2012	85.40	167.03
	180	1	●	8	4.1	1610	44.70				87.43	280	2	x	7	6.8	2517
2		●	8	4.5	2517	53.10	103.85	3			x		10	8.6	3020	103.00	201.45
3		●	2	5.5	2517	60.70	118.72	4	○		9		10.1	3020	127.00	248.39	
4		●	4	6.9	2517	66.90	130.85	5	○		9		17.8	3535	147.00	287.51	
5		●	4	7.1	3020	76.70	150.01	6	○		9		19.6	3535	168.00	328.58	
6		●	4	7.7	3020	86.20	168.59	8	○		9		26.7	3535	239.00	467.44	
8		●	4	9.5	3020	160.00	312.93	10	○		9		30.5	3535	315.00	616.09	
190		1	●	8	4.6	2012	46.50	90.95	300	2	x		7	7.3	2517	96.00	187.76
	2	●	8	5.0	2517	56.40	110.31	3		x	10	9.2	3020	109.00	213.19		
	3	●	2	6.3	2517	63.60	124.39	4		○	9	14.3	3020	126.00	246.43		
	4	●	4	7.6	2517	70.90	138.67	5		○	9	18.2	3535	141.00	275.77		
	5	●	4	8.1	3020	79.60	155.68	6		○	9	21.9	3535	173.00	338.36		
	6	●	4	9.2	3020	89.40	174.85	8		○	9	26.2	3535	272.00	531.99		
	8	●	4	11.2	3030	167.00	326.62										

▲ only for section B/17

No. of grooves z	1	2	3	4	5	6	8	10
Face width b <sub>2</sub> (mm)	25	44	63	82	101	120	158	196

Taper bush	1610	2012	2517	3020	3030	3535
Bore d <sub>2</sub> (mm) from ... to ...	14-42	14-50	16-60	25-75	35-75	35-90
Euro/each	10.30	12.60	15.80	20.60	26.90	51.90
DM/each	20.15	24.64	30.90	40.29	52.61	101.51

- Solid pulley
  - Plate pulley (with or without holes)
  - x Spoked pulley
- Material: GG 20 – DIN 1691

Bore diameters d<sub>2</sub> see page 3



Section SPB/17																	
Datum diameter d <sub>d</sub> (mm)	No. of grooves	Type		Weight without bush (= kg)	Taper bush	Euro/each without bush	DM/each without bush	Datum diameter d <sub>d</sub> (mm)	No. of grooves	Type		Weight without bush (= kg)	Taper bush	Euro/each without bush	DM/each without bush		
315	1	x	7	7.2	2012	98.50	192.65	560	2	x	7	16.5	3030	218.00	426.37		
	2	x	7	7.8	2517	102.00	199.49		3	x	7	25.9	3535	277.00	541.76		
	3	x	10	9.6	3020	119.00	232.74		4	x	7	29.0	3535	321.00	627.82		
	4	O	5	17.1	3535	146.00	285.55		5	x	7	35.3	4040	394.00	770.60		
	5	O	9	18.8	3535	171.00	334.45		6	x	10	43.1	4040	455.00	889.90		
	6	O	9	23.0	3535	211.00	412.68		8	x	10	49.0	4545	645.00	1261.51		
	8	O	9	26.0	3535	271.00	530.03		10*	x	10	55.7	4545	738.00	1443.40		
	10	O	9	31.5	3535	354.00	692.36		630	2	x	7	18.5	3020	289.00	565.23	
	335	2	x	7	7.8	2517	111.00			217.10	3	x	7	28.9	3535	314.00	614.13
		3	x	10	10.5	3020	131.00			256.21	4	x	7	33.3	3535	377.00	737.35
4		x	7	18.3	3535	151.00	295.33	5		x	7	43.1	4040	452.00	884.04		
5		x	10	19.5	3535	178.00	348.14	6		x	10	49.2	4040	530.00	1036.59		
6		x	10	22.0	3535	232.00	453.75	8		x	10	62.0	4545	738.00	1443.40		
8		x	10	28.2	3535	309.00	604.35	10*		x	10	72.0	4545	851.00	1664.41		
10*		x	10	36.0	4040	376.00	735.39	710		3	x	7	33.2	3535	368.00	719.75	
355		2	x	7	8.7	3020	121.00			236.66	4	x	7	39.1	3535	435.00	850.79
		3	x	10	10.8	3020	146.00			285.55	5	x	7	50.2	4040	550.00	1075.71
		4	x	7	18.6	3535	174.00		340.31	6	x	10	62.3	4545	626.00	1224.35	
	5	x	10	20.8	3535	207.00	404.86		8	x	10	71.0	4545	825.00	1613.56		
	6	O	9	22.8	3535	246.00	481.13		10*	x	10	80.0	4545	982.00	1920.63		
	8	x	10	27.0	3535	318.00	621.95		800	3	x	7	36.7	3535	510.00	997.47	
	10*	x	10	38.0	4040	407.00	796.02			4	x	7	48.8	4040	579.00	1132.43	
	375	2	x	7	9.5	3020	270.00			528.07	5	x	7	56.1	4040	716.00	1400.37
		3	x	10	11.5	3020	359.00			702.14	6	x	10	71.4	4545	797.00	1558.80
		4	x	10	16.5	3525	437.00	854.70		8	x	10	90.9	4545	1005.00	1965.61	
6		x	10	25.0	3525	569.00	1112.87	10*		x	10	102.0	4545	1159.00	2266.81		
8		x	10	28.0	3525	732.00	1431.67	900		3	x	7	46.8	3535	707.00	1382.77	
400		2	x	7	10.0	3020	144.00			281.64	4	x	7	60.0	4040	774.00	1513.81
		3	x	7	18.3	3535	178.00			348.14	5	x	7	74.8	4545	844.00	1650.72
		4	x	7	20.5	3535	210.00			410.72	6	x	10	81.5	4545	1085.00	2122.08
		5	x	10	23.4	3535	248.00		485.05	8	x	10	110.0	4545	1234.00	2413.49	
		6	x	10	25.1	3535	292.00		571.10	10*	x	10	126.0	5050	1510.00	2953.30	
	8	x	10	36.5	4040	381.00	745.17		1000	3	x	7	56.5	4040	940.00	1838.48	
	10*	x	10	41.0	4040	494.00	966.18			4	x	7	66.5	4040	979.00	1914.76	
	425	2	x	7	11.5	3020	305.00			596.53	5	x	7	80.5	4545	1100.00	2151.41
		3	x	7	18.0	3535	416.00			813.63	6	x	10	90.0	4545	1299.00	2540.62
		4	x	10	19.5	3535	497.00	972.05		8	x	10	132.0	5050	1559.00	3049.14	
6		x	10	25.1	4040	735.00	1437.54	10*		x	10	147.0	5050	1838.00	3594.82		
8		x	10	52.5	4545	899.00	1758.29										
450		2	x	7	12.1	3020	167.00									326.62	
		3	x	7	21.9	3535	212.00									414.64	
		4	x	7	24.5	3535	251.00									490.91	
		5	x	10	27.3	3535	302.00		590.66								
		6	x	10	35.5	4040	351.00		686.50								
	8	x	10	40.9	4040	483.00	944.67										
	10*	x	10	53.5	4545	570.00	1114.82										
	500	2	x	7	13.2	3020	188.00		367.70								
		3	x	7	23.1	3535	244.00		477.22								
		4	x	7	26.6	3535	283.00	553.50									
5		x	10	29.9	3535	347.00	678.67										
6		x	10	38.9	4040	400.00	782.33										
8		x	10	45.5	4040	565.00	1105.04										
10*		x	10	61.0	4545	645.00	1261.51										

No. of grooves z	1	2	3	4	5	6	8	10
Face width b <sub>2</sub> (mm)	25	44	63	82	101	120	158	196
Taper bush	2012	2517	3020	3030	3535	4040	4545	5050
Bore d <sub>2</sub> (mm) from ... to ...	14-50	16-60	25-75	35-75	35-90	40-100	55-110	70-125
Euro/each	12.60	15.80	20.60	26.90	51.90	72.90	92.80	149.00
DM/each	24.64	30.90	40.29	52.61	101.51	142.58	181.50	291.42

- Solid pulley
  - O Plate pulley (with or without holes)
  - X Spoked pulley
- Material: GG 20 – DIN 1691  
\* Non stock item

Bore diameters d<sub>2</sub> see page 3

Section SPC/22																
Datum diameter d <sub>a</sub> (mm)	No. of grooves	Type		Weight without bush (= kg)	Taper bush	Euro/each without bush	DM/each without bush	Datum diameter d <sub>a</sub> (mm)	No. of grooves	Type		Weight without bush (= kg)	Taper bush	Euro/each without bush	DM/each without bush	
200▲	3	●	4	9.0	2517	141.00	275.77	355	3	○	5	22.9	3535	277.00	541.76	
	4	●	4	10.5	3020	156.00	305.11		4	○	9	28.3	3535	313.00	612.17	
	5	●	4	14.0	3535	191.00	373.56		5	○	9	32.5	3535	357.00	698.23	
	6	●	4	17.0	3535	214.00	418.55		6	○	9	36.0	3535	415.00	811.67	
212▲	3	●	4	10.0	3020	156.00	305.11	10*	8	○	9	67.5	4040	545.00	1065.93	
	4	●	4	12.5	3020	175.00	342.27		10*	○	9	121.0	4545	669.00	1308.45	
	5	●	4	15.0	3535	210.00	410.72		375	3	○	5	23.8	3535	300.00	586.75
	6	●	4	18.0	3535	235.00	459.62			4	○	9	30.0	3535	349.00	682.58
224	2	●	4	8.1	3020	170.00	332.49	5	5	○	9	33.0	3535	393.00	768.64	
	3	●	4	11.0	3020	178.00	348.14		6	○	9	45.5	4040	462.00	903.59	
	4	●	4	14.0	3535	199.00	389.21		8	○	9	68.0	4545	595.00	1163.72	
	5	●	4	16.2	3535	239.00	467.44		400	3	x	7	24.1	3535	346.00	676.72
6	●	4	19.0	3535	266.00	520.25	4	x		10	28.0	3535	389.00	760.82		
236	3	●	4	12.0	3020	201.00	393.12	10*	5	x	10	34.0	3535	422.00	825.36	
	4	●	4	17.2	3535	242.00	473.31		6	○	9	48.0	4040	495.00	968.14	
	5	●	4	19.1	3535	262.00	512.43		8	○	9	65.0	4545	610.00	1193.06	
	6	●	4	20.8	3535	295.00	576.97		10*	○	9	88.0	5050	746.00	1459.05	
250	3	●	4	25.5	3535	349.00	682.58	425	3	x	7	26.0	3535	364.00	711.92	
	4	●	4	21.2	3020	195.00	381.39		4	x	10	31.0	3535	410.00	801.89	
	5	●	4	14.5	3020	203.00	397.03		5	○	9	45.0	4040	449.00	878.17	
	6	●	4	20.7	3535	227.00	443.97		6	○	9	58.0	4545	532.00	1040.50	
265	3	●	4	22.8	3535	253.00	494.82	450	8	○	9	74.0	4545	676.00	1322.14	
	4	●	4	26.0	3535	290.00	567.19		3	x	7	28.6	3535	391.00	764.73	
	5	●	4	29.7	3535	378.00	739.30		4	x	10	33.5	3535	448.00	876.21	
	6	●	4	34.0	4040	507.00	991.61		5	x	10	45.0	4040	501.00	979.87	
280	3	●	8	21.2	3535	217.00	424.42	475	6	○	9	61.1	4545	553.00	1081.57	
	4	○	9	24.0	3535	262.00	512.43		8	○	9	78.7	5050	696.00	1361.26	
	5	○	9	26.2	3535	292.00	571.10		10*	○	9	101.0	5050	782.00	1529.46	
	6	○	9	29.0	3535	328.00	641.51		3	x	7	40.0	3535	409.00	799.93	
300	3	○	9	33.3	3535	402.00	786.24	500	4	x	10	47.0	3535	454.00	887.95	
	4	○	9	24.0	3535	228.00	445.93		5	x	10	47.2	4040	510.00	997.47	
	5	○	9	29.0	3535	256.00	500.69		6	○	9	62.8	4545	583.00	1140.25	
	6	○	9	31.0	3535	296.00	578.93		8	○	9	81.5	5050	744.00	1455.14	
315	3	○	9	33.8	3535	337.00	659.11	560	3	x	7	30.9	3535	421.00	823.40	
	4	○	9	37.5	3535	420.00	821.45		4	x	10	39.0	3535	476.00	930.98	
	5	○	9	45.0	4040	547.00	1069.84		5	x	10	48.7	4040	566.00	1107.00	
	6	○	9	21.0	3535	253.00	494.82		6	x	10	60.2	4545	622.00	1216.53	
335	3	○	9	25.0	3535	281.00	549.59	710	8	○	9	87.4	5050	813.00	1590.09	
	4	○	9	28.5	3535	320.00	625.87		10*	○	9	127.0	5050	931.00	1820.88	
	5	○	9	29.0	3535	350.00	684.54		3	x	7	36.0	3535	553.00	1081.57	
	6	○	9	46.5	4040	470.00	919.24		4	x	10	50.0	4040	567.00	1108.96	
355	3	○	9	53.5	4545	578.00	1130.47	630	5	x	10	63.0	4545	626.00	1224.35	
	4	○	9	21.6	3535	253.00	494.82		6	x	10	77.0	5050	690.00	1349.52	
	5	○	9	24.6	3535	279.00	545.68		8	x	10	94.0	5050	891.00	1742.64	
	6	○	9	29.0	3535	313.00	612.17		10	○	9	115.0	5050	1000.00	1955.83	
375	3	○	9	31.4	3535	365.00	713.88	710	3	x	7	48.5	4040	595.00	1163.72	
	4	○	9	50.0	4040	505.00	987.69		4	x	7	61.0	4545	649.00	1269.33	
	5	○	9	58.0	4545	608.00	1189.14		5	x	10	77.0	5050	719.00	1406.24	
	6	○	9	22.5	3535	267.00	522.21		6	x	10	86.0	5050	806.00	1576.40	
400	3	○	9	26.5	3535	312.00	610.22	10*	8	x	10	105.5	5050	981.00	1918.67	
	4	○	9	30.0	3535	354.00	692.36		10*	○	9	130.0	5050	1158.00	2264.85	
	5	○	9	35.0	3535	408.00	797.98		3	x	7	40.0	4040	821.00	1605.74	
	6	○	9	58.0	4040	536.00	1048.32		4	x	7	45.5	4545	853.00	1668.32	
425	3	○	9	35.0	3535	408.00	797.98	10*	5	x	10	50.5	5050	854.00	1670.28	
	4	○	9	35.0	3535	408.00	797.98		6	x	10	50.5	5050	854.00	1670.28	
	5	○	9	35.0	3535	408.00	797.98		8	x	10	50.5	5050	854.00	1670.28	
	6	○	9	35.0	3535	408.00	797.98		10*	○	9	50.5	5050	854.00	1670.28	
450	3	○	9	35.0	3535	408.00	797.98	10*	6	x	10	50.5	5050	854.00	1670.28	
	4	○	9	35.0	3535	408.00	797.98		8	x	10	50.5	5050	854.00	1670.28	
	5	○	9	35.0	3535	408.00	797.98		10*	○	9	50.5	5050	854.00	1670.28	
	6	○	9	35.0	3535	408.00	797.98		10*	○	9	50.5	5050	854.00	1670.28	
475	3	○	9	35.0	3535	408.00	797.98	10*	6	x	10	50.5	5050	854.00	1670.28	
	4	○	9	35.0	3535	408.00	797.98		8	x	10	50.5	5050	854.00	1670.28	
	5	○	9	35.0	3535	408.00	797.98		10*	○	9	50.5	5050	854.00	1670.28	
	6	○	9	35.0	3535	408.00	797.98		10*	○	9	50.5	5050	854.00	1670.28	
500	3	○	9	35.0	3535	408.00	797.98	10*	6	x	10	50.5	5050	854.00	1670.28	
	4	○	9	35.0	3535	408.00	797.98		8	x	10	50.5	5050	854.00	1670.28	
	5	○	9	35.0	3535	408.00	797.98		10*	○	9	50.5	5050	854.00	1670.28	
	6	○	9	35.0	3535	408.00	797.98		10*	○	9	50.5	5050	854.00	1670.28	
525	3	○	9	35.0	3535	408.00	797.98	10*	6	x	10	50.5	5050	854.00	1670.28	
	4	○	9	35.0	3535	408.00	797.98		8	x	10	50.5	5050	854.00	1670.28	
	5	○	9	35.0	3535	408.00	797.98		10*	○	9	50.5	5050	854.00	1670.28	
	6	○	9	35.0	3535	408.00	797.98		10*	○	9	50.5	5050	854.00	1670.28	
550	3	○	9	35.0	3535	408.00	797.98	10*	6	x	10	50.5	5050	854.00	1670.28	
	4	○	9	35.0	3535	408.00	797.98		8	x	10	50.5	5050	854.00	1670.28	
	5	○	9	35.0	3535	408.00	797.98		10*	○	9	50.5	5050	854.00	1670.28	
	6	○	9	35.0	3535	408.00	797.98		10*	○	9	50.5	5050	854.00	1670.28	
575	3	○	9	35.0	3535	408.00	797.98	10*	6	x	10	50.5	5050	854.00	1670.28	
	4	○	9	35.0	3535	408.00	797.98		8	x	10	50.5	5050	854.00	1670.28	
	5	○	9	35.0	3535	408.00	797.98		10*	○	9	50.5	5050	854.00	1670.28	
	6	○	9	35.0	3535	408.00	797.98		10*	○	9	50.5	5050	854.00	1670.28	
600	3	○	9	35.0	3535	408.00	797.98	10*	6	x	10	50.5	5050	854.00	1670.28	
	4	○	9	35.0	3535	408.00	797.98		8	x	10	50.5	5050	854.00	1670.28	
	5	○	9	35.0	3535	408.00	797.98		10*	○						



**Section SPC/22**

Datum diameter $d_d$ (mm)	No. of grooves	Type		Weight without bush (= kg)	Taper bush	Euro/each without bush	DM/each without bush	Datum diameter $d_d$ (mm)	No. of grooves	Type		Weight without bush (= kg)	Taper bush	Euro/each without bush	DM/each without bush	
800	3	x	7		4545	<b>857.00</b>	<b>1676.15</b>	1250	5	x	10		5050	<b>1741.00</b>	<b>3405.10</b>	
	4	x	7		5050	<b>863.00</b>	<b>1687.88</b>		6	x	10		5050	<b>1957.00</b>	<b>3827.56</b>	
	5	x	10		5050	<b>982.00</b>	<b>1920.63</b>		8	x	10		5050	<b>2418.00</b>	<b>4729.20</b>	
	6	x	10		5050	<b>1049.00</b>	<b>2051.67</b>		10*	O	9		5050	<b>2835.00</b>	<b>5544.78</b>	
	8	x	10		5050	<b>1263.00</b>	<b>2470.21</b>									
	10*	O	9		5050	<b>1533.00</b>	<b>2998.29</b>									
1000	5	x	10		5050	<b>1287.00</b>	<b>2517.15</b>									
	6	x	10		5050	<b>1462.00</b>	<b>2859.42</b>									
	8	x	10		5050	<b>1881.00</b>	<b>3678.92</b>									
	10*	O	9		5050	<b>2138.00</b>	<b>4181.56</b>									

No. of grooves z	3	4	5	6	8	10
Face width $b_2$ (mm)	85	110,5	136	161,5	212,5	263,5

Taper bush	4545	5050
Bore $d_2$ (mm) from ... to ...	55-110	70-125
<b>Euro/each</b>	<b>92.80</b>	<b>149.00</b>
<b>DM/each</b>	<b>181.50</b>	<b>291.42</b>

- Solid pulley
  - O Plate pulley (with or without holes)
  - X Spoked pulley
- Material: GG 20 – DIN 1691  
\* Non stock item

Bore diameters  $d_2$  see page 3

Section SPZ/10															
Datum diameter d <sub>d</sub> (mm)	No. of grooves	Type	Weight (= kg)	Finish bore d <sub>max</sub> (mm)	Hub length l (mm)	Euro/each centred	DM/each centred	Datum diameter d <sub>d</sub> (mm)	No. of grooves	Type	Weight (= kg)	Finish bore d <sub>max</sub> (mm)	Hub length l (mm)	Euro/each centred	DM/each centred
45▲	1	O	0.23	16	24	6.70	13.10	170	1	x	1.66	40	30	19.90	38.92
	2	O	0.30	16	35	10.00	19.56		2	x	1.85	40	38	29.30	57.31
	3	O	0.40	16	35	12.60	24.64		3	x	3.00	42	40	39.90	78.04
50▲	1	O	0.30	20	24	7.30	14.28	180	1	x	2.10	32	30	21.90	42.83
	2	O	0.40	20	35	10.00	19.56		2	x	3.05	38	38	31.90	62.39
	3	O	0.50	20	40	14.00	27.38		3	x	3.50	42	40	41.20	80.58
56▲	1	O	0.32	20	24	7.30	14.28	190	1	x	2.25	35	30	23.90	46.74
	2	O	0.45	25	35	10.00	19.56		2	x	2.35	35	38	33.20	64.93
	3	O	0.65	25	40	14.00	27.38		3	x	4.00	35	40	43.90	85.86
63	1	O	0.34	25	24	7.30	14.28	200	1	x	2.40	32	38	25.30	49.48
	2	O	0.60	25	35	10.00	19.56		2	x	2.85	38	38	35.20	68.85
	3	O	0.85	25	40	14.60	28.56		3	x	4.45	42	40	45.20	88.40
71	1	O	0.34	25	24	7.30	14.28	212	1	x	2.60	35	30	29.90	58.48
	2	O	0.62	25	35	10.60	20.73		2	x	3.40	35	38	37.90	74.13
	3	O	1.00	30	40	15.30	29.92		3	x	5.00	38	40	49.20	96.23
75	1	O	0.35	24	24	7.30	14.28	225	1	x	2.80	32	38	31.90	62.39
	2	O	0.64	24	35	11.30	22.10		2	x	4.00	38	38	41.90	81.95
	3	O	1.05	28	40	17.30	33.84		3	x	5.30	42	40	53.20	104.05
80	1	O	0.35	25	24	7.30	14.28	250	1	x	3.30	32	38	34.60	67.67
	2	O	0.65	30	35	12.00	23.47		2	x	4.80	38	38	47.20	92.32
	3	O	1.10	38	35	18.00	35.20		3	x	6.00	42	40	61.80	120.87
85	1	O	0.30	25	24	8.00	15.65	280	1	x	3.85	35	34	43.90	85.86
	2	O	0.70	30	35	14.00	27.38		2	x	5.20	42	38	57.20	111.87
	3	O	1.10	38	35	19.30	37.75		3	x	7.00	48	40	73.10	142.97
90	1	O	0.38	25	24	8.00	15.65	315	1	x	4.35	35	34	52.50	102.68
	2	O	0.75	30	35	14.60	28.56		2	x	6.80	42	38	65.80	128.69
	3	O	1.15	38	38	19.90	38.92		3	x	8.25	48	40	78.40	153.34
95	1	O	0.40	28	24	9.30	18.19	355	1	x	4.60	35	34	63.80	124.78
	2	O	0.83	28	35	15.30	29.92		2	x	8.00	42	40	76.40	149.43
	3	O	1.20	38	38	21.30	41.66		3	x	10.00	48	45	92.40	180.72
100	1	O	0.48	28	24	10.00	19.56								
	2	O	0.90	30	35	15.30	29.92								
	3	O	1.25	38	38	22.60	44.20								
106	1	O	0.50	30	24	10.60	20.73								
	2	O	0.96	28	35	17.30	33.84								
	3	O	1.32	38	38	23.90	46.74								
112	1	O	0.54	28	24	11.30	22.10								
	2	O	1.00	30	35	18.60	36.38								
	3	O	1.40	38	38	25.30	49.48								
118	1	O	0.60	28	24	12.00	23.47								
	2	O	1.10	38	35	19.90	38.92								
	3	O	1.47	38	38	26.60	52.03								
125	1	O	0.70	28	24	12.60	24.64								
	2	O	1.20	30	35	21.30	41.66								
	3	O	1.55	38	40	27.90	54.57								
132	1	O	0.81	30	24	14.60	28.56								
	2	O	1.30	38	35	21.90	42.83								
	3	O	1.62	40	40	29.30	57.31								
140	1	O	0.92	28	24	15.30	29.92								
	2	O	1.40	38	38	23.90	46.74								
	3	O	1.69	38	40	29.90	58.48								
150	1	x	1.05	28	24	17.30	33.84								
	2	O	1.50	38	38	25.30	49.48								
	3	O	1.85	38	40	35.90	70.21								
160	1	x	1.22	32	30	19.30	37.75								
	2	x	1.60	38	38	27.30	53.39								
	3	x	2.40	42	40	39.90	78.04								

▲ only for section Z/10

No. of grooves	1	2	3
Face width b <sub>2</sub> (mm)	16	28	40

- Solid pulley
- O Plate pulley (with or without holes)
- X Spoked pulley
- Hub position: one side flush
- Material: GG 20 – DIN 1691

Section SPA/13															
Datum diameter $d_d$ (mm)	No. of grooves	Type	Weight (= kg)	Finish bore $d_{max}$ (mm)	Hub length $l$ (mm)	Euro/each centred	DM/each centred	Datum diameter $d_d$ (mm)	No. of grooves	Type	Weight (= kg)	Finish bore $d_{max}$ (mm)	Hub length $l$ (mm)	Euro/each centred	DM/each centred
50▲	1	○	0.34	18	34	7.30	14.28	125	1	○	1.38	32	34	15.30	29.92
	2	○	0.48	18	49	10.60	20.73		2	○	1.90	38	49	21.90	42.83
	3	○	0.55	18	47	15.30	29.92		3	○	2.55	42	42	28.60	55.94
56▲	1	○	0.42	20	34	7.30	14.28		4∇	○	3.49	42	53	37.90	74.13
	2	○	0.62	20	49	12.00	23.47		5∇	○	4.40	48	65	45.20	88.40
	3	○	0.74	20	47	16.00	31.29	132	1	○	1.45	32	34	16.00	31.29
63▲	1	○	0.52	25	34	7.30	14.28		2	○	2.20	38	49	23.90	46.74
	2	○	0.77	25	49	12.00	23.47		3	○	2.58	42	42	31.90	62.39
	3	○	0.85	25	47	16.00	31.29		4∇	○	3.58	42	53	39.20	76.67
4∇	○	1.23	25	60	21.30	41.66	5∇		○	4.75	48	65	47.20	92.32	
71▲	1	○	0.50	25	34	7.30	14.28	140	1	○	1.52	32	34	18.00	35.20
	2	○	0.89	28	49	13.30	26.01		2	○	2.33	38	49	25.30	49.48
	3	○	0.96	32	42	18.00	35.20		3	○	2.63	42	42	33.20	64.93
	4∇	○	1.47	32	60	22.00	43.03		4∇	○	3.65	42	53	41.90	81.95
	5∇	○	1.83	32	70	27.30	53.39		5∇	○	4.95	48	65	49.20	96.23
75▲	1	○	0.53	24	34	8.00	15.65	150	1	x	1.60	38	36	19.30	37.75
	2	○	1.02	24	49	14.00	27.38		2	x	2.59	38	49	27.30	53.39
	3	○	1.08	24	42	18.60	36.38		3	○	2.95	42	42	33.90	66.30
	4∇	○	1.76	24	60	24.60	48.11		4∇	○	4.04	42	53	43.90	85.86
	5∇	○	1.92	28	82	28.60	55.94		5∇	○	5.15	48	65	51.80	101.31
80▲	1	○	0.56	28	34	8.60	16.82	160	1	x	1.75	38	36	21.30	41.66
	2	○	1.04	32	49	14.00	27.38		2	x	2.40	38	49	29.90	58.48
	3	○	1.19	38	42	20.00	39.12		3	x	2.80	42	42	37.90	74.13
	4∇	○	1.89	38	60	24.60	48.11		4∇	○	3.62	48	60	45.90	89.77
	5∇	○	2.00	38	55	31.20	61.02		5∇	○	5.45	48	70	53.20	104.05
85	1	○	0.64	24	34	9.30	18.19	170	1	x	2.00	35	36	21.90	42.83
	2	○	1.20	28	49	15.30	29.92		2	x	2.90	35	49	31.90	62.39
	3	○	1.40	28	42	19.90	38.92		3	x	3.20	35	42	39.90	78.04
	4∇	○	1.98	28	53	25.90	50.66		4∇	x	4.20	35	60	47.90	93.68
	5∇	○	2.20	32	55	32.60	63.76		5∇	x	5.80	38	70	60.50	118.33
90	1	○	0.88	28	34	10.00	19.56	180	1	x	2.02	38	36	23.90	46.74
	2	○	1.47	32	49	15.30	29.92		2	x	3.15	42	49	33.20	64.93
	3	○	1.62	38	42	21.90	42.83		3	x	3.60	42	42	41.90	81.95
	4∇	○	2.22	42	53	27.90	54.57		4∇	x	4.65	48	60	51.80	101.31
	5∇	○	2.51	42	67	33.90	66.30		5∇	x	6.13	48	70	63.10	123.41
95	1	○	0.76	28	34	10.60	20.73	190	1	x	2.02	38	36	25.90	50.66
	2	○	1.57	28	49	17.30	33.84		2	x	3.20	42	49	34.60	67.67
	3	○	1.89	28	42	22.60	44.20		3	x	4.00	42	42	45.20	88.40
	4∇	○	2.47	32	53	29.90	58.48		4∇	x	5.24	48	60	55.20	107.96
	5∇	○	2.75	35	67	35.90	70.21		5∇	x	6.31	48	70	66.50	130.06
100	1	○	0.84	28	34	11.30	22.10	200	1	x	2.40	38	36	27.30	53.39
	2	○	1.36	32	49	17.30	33.84		2	x	2.85	42	49	36.60	71.58
	3	○	1.98	38	42	23.30	45.57		3	x	4.21	48	42	46.50	90.95
	4∇	○	2.72	42	53	29.90	58.48		4∇	x	4.95	55	60	57.20	111.87
	5∇	○	3.10	42	60	35.90	70.21		5∇	x	6.45	55	70	69.10	135.15
106	1	○	0.88	28	34	11.30	22.10	212	1	x	2.70	40	36	29.30	57.31
	2	○	1.65	28	49	18.60	36.38		2	x	3.40	42	49	39.20	76.67
	3	○	2.20	32	42	25.30	49.48		3	x	4.40	42	42	53.20	104.05
	4∇	○	3.24	32	53	31.90	62.39		4∇	x	5.68	42	60	60.50	118.33
	5∇	○	3.85	35	60	39.20	76.67		5∇	x	6.85	42	70	75.80	148.25
112	1	○	1.09	28	34	12.60	24.64	225	1	x	2.75	40	36	32.60	63.76
	2	○	1.75	38	49	19.90	38.92		2	x	3.87	42	49	41.90	81.95
	3	○	2.38	38	42	25.90	50.66		3	x	4.60	42	42	54.50	106.59
	4∇	○	3.37	42	53	33.20	64.93		4∇	x	6.50	42	60	64.50	126.15
	5∇	○	3.95	42	60	39.90	78.04		5∇	x	7.25	42	70	79.10	154.71
118	1	○	1.10	32	34	14.00	27.38	236	1	x	3.30	38	36	35.20	68.85
	2	○	1.80	38	49	21.30	41.66		2	x	4.10	42	49	45.90	89.77
	3	○	2.42	42	42	27.90	54.57		3	x	4.90	48	47	59.80	116.96
	4∇	○	3.42	42	53	35.20	68.85		4∇	x	6.20	55	60	70.50	137.89
	5∇	○	4.10	48	65	43.90	85.86		5∇	x	7.50	55	70	85.10	166.44
▲ only for section A/13								∇ $d_d + 4$ mm							

No. of grooves	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
- Hub position: one side flush  
Material: GG 20 – DIN 1691

Section SPA/13																
Datum diameter $d_d$ (mm)	No. of grooves	Type	Weight (= kg)	Finish bore $d_{max}$ (mm)	Hub length $l$ (mm)	Euro/each centred	DM/each centred	Datum diameter $d_d$ (mm)	No. of grooves	Type	Weight (= kg)	Finish bore $d_{max}$ (mm)	Hub length $l$ (mm)	Euro/each centred	DM/each centred	
250	1	x	3.40	42	36	<b>36.60</b>	<b>71.58</b>	400	1∇	x	6.85	50	50	<b>84.40</b>	<b>165.07</b>	
	2	x	4.32	48	49	<b>48.50</b>	<b>94.86</b>		2∇	x	8.80	55	53	<b>107.00</b>	<b>209.27</b>	
	3	x	5.30	48	47	<b>63.80</b>	<b>124.78</b>		3∇	x	10.50	60	47	<b>134.00</b>	<b>262.08</b>	
	4∇	x	7.00	55	60	<b>75.10</b>	<b>146.88</b>		4∇	x	12.40	60	67	<b>150.00</b>	<b>293.37</b>	
	5∇	x	7.85	60	70	<b>90.40</b>	<b>176.81</b>		5∇	x	15.90	60	82	<b>174.00</b>	<b>340.31</b>	
280	1	x	3.90	42	44	<b>46.50</b>	<b>90.95</b>	450	1∇	x	7.50	55	50	<b>104.00</b>	<b>203.41</b>	
	2	x	5.35	48	53	<b>59.20</b>	<b>115.79</b>		2∇	x	9.40	55	53	<b>124.00</b>	<b>242.52</b>	
	3	x	6.50	48	47	<b>75.10</b>	<b>146.88</b>		3∇	x	12.15	60	47	<b>148.00</b>	<b>289.46</b>	
	4∇	x	8.52	55	60	<b>93.10</b>	<b>182.09</b>		4∇	x	14.20	65	67	<b>172.00</b>	<b>336.40</b>	
	5∇	x	9.90	60	70	<b>110.00</b>	<b>215.14</b>		5∇	x	18.30	65	82	<b>205.00</b>	<b>400.95</b>	
300	1	x	4.25	48	44	<b>50.50</b>	<b>98.77</b>	500	1∇	x	10.50	55	50	<b>122.00</b>	<b>238.61</b>	
	2	x	5.90	48	53	<b>65.80</b>	<b>128.69</b>		2∇	x	10.70	55	55	<b>142.00</b>	<b>277.73</b>	
	3	x	7.50	55	47	<b>84.40</b>	<b>165.07</b>		3∇	x	13.45	60	60	<b>164.00</b>	<b>320.76</b>	
	4∇	x	9.82	55	60	<b>101.00</b>	<b>197.54</b>		4∇	x	16.25	65	67	<b>203.00</b>	<b>397.03</b>	
	5∇	x	11.30	60	70	<b>114.00</b>	<b>222.96</b>		5∇	x	22.80	65	82	<b>221.00</b>	<b>432.24</b>	
315	1	x	4.78	48	44	<b>56.50</b>	<b>110.50</b>	560	1∇	x	14.00	55	60	<b>143.00</b>	<b>279.68</b>	
	2	x	6.60	48	53	<b>73.80</b>	<b>144.34</b>		2∇	x	13.10	55	60	<b>170.00</b>	<b>332.49</b>	
	3	x	8.75	55	47	<b>91.70</b>	<b>179.35</b>		3∇	x	15.60	60	74	<b>199.00</b>	<b>389.21</b>	
	4∇	x	11.10	55	60	<b>112.00</b>	<b>219.05</b>		4∇	x	19.40	65	67	<b>241.00</b>	<b>471.36</b>	
	5∇	x	12.50	60	70	<b>119.00</b>	<b>232.74</b>		5∇	x	24.50	65	82	<b>249.00</b>	<b>487.00</b>	
355	1	x	5.50	48	44	<b>64.50</b>	<b>126.15</b>									
	2	x	7.70	55	53	<b>85.70</b>	<b>167.61</b>									
	3	x	9.55	55	47	<b>110.00</b>	<b>215.14</b>									
	4∇	x	11.80	55	60	<b>129.00</b>	<b>252.30</b>									
	5∇	x	13.80	60	70	<b>152.00</b>	<b>297.29</b>									
∇ $d_d + 4$ mm																

No. of grooves	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  
 Hub position: one side flush  
 Material: GG 20 – DIN 1691

Section SPB/17															
Datum diameter $d_d$ (mm)	No. of grooves	Type	Weight (= kg)	Finish bore $d_{max}$ (mm)	Hub length $l$ (mm)	Euro/each centred	DM/each centred	Datum diameter $d_d$ (mm)	No. of grooves	Type	Weight (= kg)	Finish bore $d_{max}$ (mm)	Hub length $l$ (mm)	Euro/each centred	DM/each centred
56▲	1	O	0.61	20	41	9.30	18.19	132▲	1	O	1.88	30	41	18.60	36.38
	2	O	1.00	20	60	14.60	28.56		2	O	2.63	30	60	29.30	57.31
	3	O	1.10	22	62	21.30	41.66		3	O	3.49	42	55	39.90	78.04
63▲	1	O	0.76	20	41	9.30	18.19		4∇	O	6.30	42	70	49.90	97.60
	2	O	1.20	20	60	14.60	28.56		5∇	O	9.40	42	75	62.50	122.24
	3	O	1.20	22	62	21.90	42.83		6∇	O	8.50	42	85	79.10	154.71
71▲	1	O	0.79	22	41	9.30	18.19	140	1	O	2.10	32	41	19.90	38.92
	2	O	1.31	22	60	14.60	28.56		2	O	2.90	38	60	30.60	59.85
	3	O	1.60	22	55	23.30	45.57		3	O	3.90	42	55	41.90	81.95
75▲	1	O	0.82	25	41	10.00	19.56		4∇	O	6.92	42	70	55.80	109.14
	2	O	1.42	25	60	16.00	31.29		5∇	O	7.58	48	75	68.50	133.97
	3	O	1.85	25	62	23.30	45.57		6∇	O	11.40	48	85	82.40	161.16
80▲	1	O	1.03	28	41	10.60	20.73	150	1	O	2.43	32	43	23.30	45.57
	2	O	1.65	28	60	17.30	33.84		2	O	3.24	38	48	35.90	70.21
	3	O	2.05	28	55	24.60	48.11		3	O	4.28	42	60	45.90	89.77
	4∇	O	2.40	28	70	32.60	63.76		4∇	O	6.76	42	70	59.20	115.79
	5∇	O	2.73	28	80	39.20	76.67		5∇	O	8.43	48	75	71.80	140.43
85▲	1	O	1.10	30	41	10.60	20.73		6∇	O	12.10	48	85	87.70	171.53
	2	O	1.70	30	60	18.00	35.20	160	1	x	2.50	38	43	25.30	49.48
	3	O	2.15	30	55	26.60	52.03		2	x	3.32	42	48	37.90	74.13
	4∇	O	2.70	30	70	33.90	66.30		3	x	4.60	48	60	47.90	93.68
	5∇	O	3.00	30	75	41.20	80.58		4∇	O	7.01	48	70	61.20	119.70
90▲	1	O	1.17	32	41	11.30	22.10		5∇	O	9.35	48	75	75.80	148.25
	2	O	1.80	38	60	19.30	37.75		6∇	O	12.85	55	85	93.70	183.26
	3	O	2.30	38	55	27.90	54.57	170	1	x	2.85	42	43	29.30	57.31
	4∇	O	3.05	38	70	35.90	70.21		2	x	3.44	42	48	39.90	78.04
	5∇	O	3.30	38	75	42.50	83.12		3	x	4.89	42	60	52.50	102.68
95▲	1	O	1.25	35	41	12.00	23.47		4∇	O	7.20	48	70	65.80	128.69
	2	O	2.00	38	60	20.00	39.12		5∇	O	8.90	48	75	80.40	157.25
	3	O	2.50	38	67	29.90	58.48		6∇	O	13.10	48	85	99.00	193.63
	4∇	O	2.90	38	70	37.20	72.76	180	1	x	3.10	38	43	29.90	58.48
	5∇	O	3.60	38	75	45.90	89.77		2	x	3.90	42	48	41.90	81.95
100▲	1	O	1.32	32	41	14.00	27.38		3	x	5.28	48	60	57.20	111.87
	2	O	2.11	38	60	21.90	42.83		4∇	x	7.42	48	70	70.50	137.89
	3	O	2.85	38	55	31.20	61.02		5∇	O	9.05	55	75	86.40	168.98
	4∇	O	3.81	38	70	39.90	78.04		6∇	O	10.80	60	85	104.00	203.41
	5∇	O	4.45	38	75	48.50	94.86	190	1	x	3.19	42	43	33.20	64.93
	6∇	O	5.20	38	124	63.80	124.78		2	x	4.22	42	48	46.50	90.95
106▲	1	O	1.45	28	41	14.60	28.56		3	x	5.49	42	60	60.50	118.33
	2	O	2.00	28	60	23.30	45.57		4∇	x	7.69	48	70	75.80	148.25
	3	O	3.00	30	55	32.60	63.76		5∇	O	9.22	50	75	91.10	178.18
	4∇	O	4.30	30	70	41.90	81.95		6∇	O	12.00	55	85	111.00	217.10
	5∇	O	5.10	32	75	50.50	98.77	200	1	x	3.40	38	43	35.20	68.85
	6∇	O	6.00	32	124	66.50	130.06		2	x	4.45	42	48	49.20	96.23
112▲	1	O	1.53	32	41	14.60	28.56		3	x	5.85	48	60	64.50	126.15
	2	O	2.35	38	60	23.90	46.74		4∇	x	7.98	50	60	80.40	157.25
	3	O	3.10	38	55	33.90	66.30		5∇	O	9.50	55	80	100.00	195.58
	4∇	O	4.75	42	67	43.90	85.86		6∇	O	12.20	60	90	122.00	238.61
	5∇	O	5.61	42	75	54.50	106.59	212	1	x	3.75	42	43	39.20	76.67
	6∇	O	6.15	42	85	76.40	149.43		2	x	4.66	42	48	53.80	105.22
118▲	1	O	1.57	32	41	16.00	31.29		3	x	6.15	48	60	69.10	135.15
	2	O	2.43	38	60	25.90	50.66		4∇	x	7.70	50	70	86.40	168.98
	3	O	3.20	42	55	35.90	70.21		5∇	x	10.30	50	80	104.00	203.41
	4∇	O	5.20	42	70	45.90	89.77		6∇	O	13.51	55	90	129.00	252.30
	5∇	O	7.20	42	75	59.20	115.79	225	1	x	4.00	42	43	41.90	81.95
	6∇	O	6.60	42	85	74.40	145.51		2	x	5.40	42	48	57.20	111.87
125▲	1	O	1.66	32	41	17.30	33.84		3	x	6.90	48	60	73.80	144.34
	2	O	2.55	38	60	27.30	53.39		4∇	x	8.64	55	70	93.70	183.26
	3	O	3.28	42	55	36.60	71.58		5∇	O	11.72	50	90	111.00	217.10
	4∇	O	4.74	42	70	47.20	92.32		6∇	O	14.75	55	90	142.00	277.73
	5∇	O	8.60	42	75	60.50	118.33								
	6∇	O	8.00	48	85	77.10	150.79								
▲ only for section B/17								∇ $d_d + 5,5$ mm							

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

- Solid pulley
- O Plate pulley (with or without holes)
- X Spoked pulley
- Hub position: one side flush
- Material: GG 20 – DIN 1691



Section SPB/17															
Datum diameter d <sub>d</sub> (mm)	No. of grooves	Type	Weight (= kg)	Finish bore d <sub>max</sub> (mm)	Hub length l (mm)	Euro/each centred	DM/each centred	Datum diameter d <sub>d</sub> (mm)	No. of grooves	Type	Weight (= kg)	Finish bore d <sub>max</sub> (mm)	Hub length l (mm)	Euro/each centred	DM/each centred
250	1	x	4.20	42	43	<b>49.20</b>	<b>96.23</b>	400	1∇	x	8.46	50	49	<b>104.00</b>	<b>203.41</b>
	2	x	6.10	48	55	<b>66.50</b>	<b>130.06</b>		2∇	x	10.00	55	55	<b>132.00</b>	<b>258.17</b>
	3	x	8.60	55	60	<b>85.70</b>	<b>167.61</b>		3∇	x	14.30	60	67	<b>156.00</b>	<b>305.11</b>
	4∇	x	9.80	60	70	<b>108.00</b>	<b>211.23</b>		4∇	x	18.50	65	80	<b>215.00</b>	<b>420.50</b>
	5∇	x	13.20	65	80	<b>126.00</b>	<b>246.43</b>		5∇	x	22.50	70	85	<b>224.00</b>	<b>438.11</b>
	6∇	x	17.00	65	90	<b>152.00</b>	<b>297.29</b>		6∇	x	28.00	75	90	<b>247.00</b>	<b>483.09</b>
280	1	x	5.70	48	49	<b>57.80</b>	<b>113.05</b>	450	1∇	x	9.86	50	55	<b>112.00</b>	<b>219.05</b>
	2	x	7.04	48	55	<b>78.40</b>	<b>153.34</b>		2∇	x	10.87	55	55	<b>156.00</b>	<b>305.11</b>
	3	x	9.67	55	60	<b>98.40</b>	<b>192.45</b>		3∇	x	15.05	60	67	<b>184.00</b>	<b>359.87</b>
	4∇	x	11.52	60	70	<b>119.00</b>	<b>232.74</b>		4∇	x	20.50	65	80	<b>243.00</b>	<b>475.27</b>
	5∇	x	15.50	65	80	<b>142.00</b>	<b>277.73</b>		5∇	x	26.00	70	80	<b>290.00</b>	<b>567.19</b>
	6∇	x	18.00	65	90	<b>168.00</b>	<b>328.58</b>		6∇	x	28.90	75	90	<b>338.00</b>	<b>661.07</b>
300	1	x	5.90	48	49	<b>64.50</b>	<b>126.15</b>	500	1∇	x	10.70	50	55	<b>132.00</b>	<b>258.17</b>
	2	x	7.50	48	55	<b>86.40</b>	<b>168.98</b>		2∇	x	13.70	60	59	<b>172.00</b>	<b>336.40</b>
	3	x	10.50	55	67	<b>107.00</b>	<b>209.27</b>		3∇	x	15.20	65	67	<b>211.00</b>	<b>412.68</b>
	4∇	x	12.40	60	80	<b>129.00</b>	<b>252.30</b>		4∇	x	21.30	70	80	<b>280.00</b>	<b>547.63</b>
	5∇	x	16.50	65	80	<b>154.00</b>	<b>301.20</b>		5∇	x	30.00	75	80	<b>350.00</b>	<b>684.54</b>
	6∇	x	18.25	70	90	<b>179.00</b>	<b>350.09</b>		6∇	x	33.80	80	90	<b>465.00</b>	<b>909.46</b>
315	1	x	6.40	48	49	<b>69.80</b>	<b>136.52</b>	560	2∇	x	15.00	60	55	<b>227.00</b>	<b>443.97</b>
	2	x	8.22	55	55	<b>87.10</b>	<b>170.35</b>		3∇	x	24.20	65	67	<b>293.00</b>	<b>573.06</b>
	3	x	12.90	55	67	<b>116.00</b>	<b>226.88</b>		4∇	x	26.00	70	80	<b>362.00</b>	<b>708.01</b>
	4∇	x	13.00	60	80	<b>140.00</b>	<b>273.82</b>		5∇	x	34.40	75	80	<b>425.00</b>	<b>831.23</b>
	5∇	x	17.60	65	80	<b>162.00</b>	<b>316.84</b>		6∇	x	39.00	80	90	<b>491.00</b>	<b>960.31</b>
	6∇	x	20.60	75	90	<b>183.00</b>	<b>357.92</b>		630	2∇	x	20.20	60	80	<b>299.00</b>
355	1	x	7.00	48	49	<b>82.40</b>	<b>161.16</b>	3∇		x	27.00	65	80	<b>330.00</b>	<b>645.42</b>
	2	x	9.70	55	55	<b>111.00</b>	<b>217.10</b>	4∇		x	30.80	75	86	<b>447.00</b>	<b>874.26</b>
	3	x	13.40	55	67	<b>134.00</b>	<b>262.08</b>	5∇		x	37.20	80	90	<b>495.00</b>	<b>968.14</b>
	4∇	x	18.25	60	80	<b>174.00</b>	<b>340.31</b>	6∇		x	44.00	90	100	<b>550.00</b>	<b>1075.71</b>
	5∇	x	18.75	65	75	<b>184.00</b>	<b>359.87</b>								
	6∇	x	19.75	75	90	<b>222.00</b>	<b>434.19</b>								

∇ d<sub>d</sub> + 5,5 mm

No. of grooves	1	2	3	4	5	6
Face width b <sub>2</sub> (mm)	25	44	63	86	105	124

● Solid pulley  
 ○ Plate pulley (with or without holes)  
 x Spoked pulley  
 Hub position: one side flush  
 Material: GG 20 – DIN 1691

**Section SPC/22 (non stock items)**

Datum diameter d <sub>a</sub> (mm)	No. of grooves	Type	Weight (= kg)	Finish bore d <sub>max</sub> (mm)	Hub length l (mm)	Euro/each centred	DM/each centred	Datum diameter d <sub>a</sub> (mm)	No. of grooves	Type	Weight (= kg)	Finish bore d <sub>max</sub> (mm)	Hub length l (mm)	Euro/each centred	DM/each centred	
180▲	1	O	4.20	40	54	<b>62.50</b>	<b>122.24</b>	335	2	x	14.00	55	74	<b>146.00</b>	<b>285.55</b>	
	2	O	7.20	50	64	<b>71.80</b>	<b>140.43</b>		3	x	18.30	55	90	<b>186.00</b>	<b>363.78</b>	
	3	O	10.40	55	90	<b>90.40</b>	<b>176.81</b>		4	x	22.40	60	95	<b>237.00</b>	<b>463.53</b>	
	4	O	10.50	55	95	<b>142.00</b>	<b>277.73</b>		5	x	28.30	65	100	<b>295.00</b>	<b>576.97</b>	
	5	O	18.00	60	100	<b>162.00</b>	<b>316.84</b>		6	x	34.40	75	115	<b>347.00</b>	<b>678.67</b>	
	6	O	23.60	65	115	<b>184.00</b>	<b>359.87</b>									
200▲	1	O	4.80	40	54	<b>70.50</b>	<b>137.89</b>	355	2	x	15.20	60	74	<b>141.00</b>	<b>275.77</b>	
	2	O	7.80	50	64	<b>79.10</b>	<b>154.71</b>		3	x	19.20	70	90	<b>190.00</b>	<b>371.61</b>	
	3	O	8.80	55	90	<b>100.00</b>	<b>195.58</b>		4	x	25.80	70	95	<b>240.00</b>	<b>469.40</b>	
	4	O	11.20	60	95	<b>165.00</b>	<b>322.71</b>		5	x	32.00	75	100	<b>285.00</b>	<b>557.41</b>	
	5	O	15.40	65	100	<b>187.00</b>	<b>365.74</b>		6	x	36.20	75	115	<b>330.00</b>	<b>645.42</b>	
	6	O	27.00	70	125	<b>208.00</b>	<b>406.81</b>									
225	1	x	5.50	48	54	<b>80.40</b>	<b>157.25</b>	400	3	x	20.60	70	90	<b>218.00</b>	<b>426.37</b>	
	2	x	7.80	52	64	<b>106.00</b>	<b>207.32</b>		4	x	28.00	70	105	<b>239.00</b>	<b>467.44</b>	
	3	x	10.60	52	90	<b>110.00</b>	<b>215.14</b>		5	x	32.00	75	100	<b>365.00</b>	<b>713.88</b>	
	4	x	13.10	55	95	<b>189.00</b>	<b>369.65</b>									
	5	x	16.70	60	100	<b>197.00</b>	<b>385.30</b>									
	6	x	35.00	60	115	<b>223.00</b>	<b>436.15</b>									
250	1	x	7.30	52	54	<b>87.10</b>	<b>170.35</b>	450	2	x	21.10	70	80	<b>184.00</b>	<b>359.87</b>	
	2	x	8.80	52	64	<b>115.00</b>	<b>224.92</b>		3	x	26.30	75	90	<b>261.00</b>	<b>510.47</b>	
	3	x	11.00	65	90	<b>134.00</b>	<b>262.08</b>		4	x	31.10	75	105	<b>290.00</b>	<b>567.19</b>	
	4	x	15.30	70	95	<b>205.00</b>	<b>400.95</b>		5	x	42.20	80	110	<b>393.00</b>	<b>768.64</b>	
	5	x	19.00	75	100	<b>209.00</b>	<b>408.77</b>		6	x	48.50	80	120	<b>438.00</b>	<b>856.65</b>	
	6	x	23.70	60	115	<b>231.00</b>	<b>451.80</b>									
280	1	x	8.70	52	54	<b>101.00</b>	<b>197.54</b>	500	3	x	28.40	75	90	<b>294.00</b>	<b>575.01</b>	
	2	x	10.90	55	64	<b>125.00</b>	<b>244.48</b>		4	x	34.10	75	105	<b>334.00</b>	<b>653.25</b>	
	3	x	15.60	70	90	<b>156.00</b>	<b>305.11</b>		5	x	48.20	80	110	<b>443.00</b>	<b>866.43</b>	
	4	x	17.50	75	95	<b>223.00</b>	<b>436.15</b>		6	x	52.50	80	120	<b>495.00</b>	<b>968.14</b>	
	5	x	20.50	75	100	<b>252.00</b>	<b>492.87</b>									
	6	x	20.50	75	100	<b>252.00</b>	<b>492.87</b>									
315	1	x	9.10	52	54	<b>108.00</b>	<b>211.23</b>	560	3	x	31.10	75	90	<b>346.00</b>	<b>676.72</b>	
	2	x	13.00	55	74	<b>134.00</b>	<b>262.08</b>		4	x	39.00	75	105	<b>396.00</b>	<b>774.51</b>	
	3	x	17.10	70	90	<b>182.00</b>	<b>355.96</b>		5	x	54.10	80	110	<b>529.00</b>	<b>1034.63</b>	
	4	x	20.00	75	95	<b>235.00</b>	<b>459.62</b>		6	x	61.50	85	120	<b>680.00</b>	<b>1329.96</b>	
	5	x	24.70	80	100	<b>267.00</b>	<b>522.21</b>									
	6	x	31.20	85	115	<b>316.00</b>	<b>618.04</b>									
335	1	x	9.10	52	54	<b>108.00</b>	<b>211.23</b>	630	3	x	38.50	80	90	<b>409.00</b>	<b>799.93</b>	
	2	x	13.00	55	74	<b>134.00</b>	<b>262.08</b>		4	x	48.10	80	105	<b>538.00</b>	<b>1052.24</b>	
	3	x	17.10	70	90	<b>182.00</b>	<b>355.96</b>		5	x	62.20	85	110	<b>616.00</b>	<b>1204.79</b>	
	4	x	20.00	75	95	<b>235.00</b>	<b>459.62</b>		6	x	73.20	85	120	<b>864.00</b>	<b>1689.84</b>	
	5	x	24.70	80	100	<b>267.00</b>	<b>522.21</b>									
	6	x	31.20	85	115	<b>316.00</b>	<b>618.04</b>									

▲ only for section C/22

No. of grooves	1	2	3	4	5	6
Face width b <sub>2</sub> (mm)	38	64	90	116	142	168

- Solid pulley
- O Plate pulley (with or without holes)
- X Spoked pulley
- Hub position: one side flush
- Material: GG 20 – DIN 1691





**Variable speed pulleys for plain boring (non stock items)** Material: GG

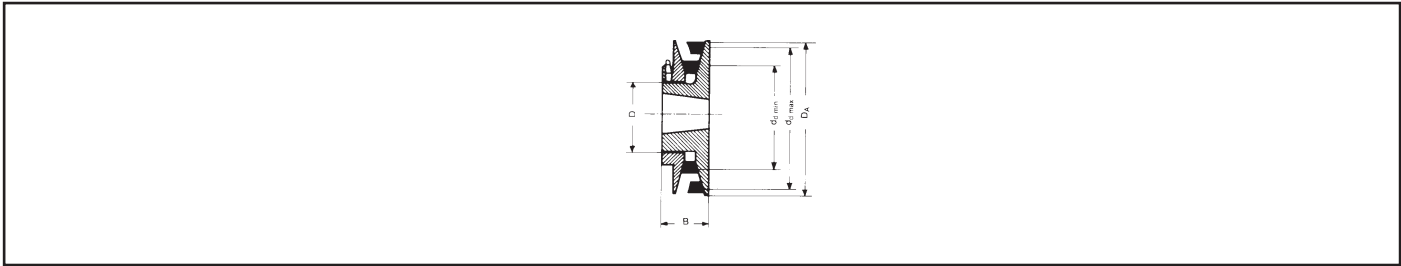
Part Number	D <sub>A</sub> (mm)	D (mm)	Finish bore d <sub>max</sub> (mm)	B (mm)	Section	d <sub>d min</sub> (mm)	d <sub>d max</sub> (mm)	Variance factor	Weight (≈ kg)	Euro/each centred	DM/each centred
R 083-1	83	40	26	48	SPZ Z/10	63 57	79 77	1.25 1.35	0.90	<b>50.30</b>	<b>98.38</b>
R 093-1	93	45	28	48	SPZ SPA Z/10 A/13	67 66 61 60	89 87 87 85	1.33 1.32 1.43 1.42	1.03	<b>55.70</b>	<b>108.94</b>
R 108-1	108	50	28	48	SPZ SPA Z/10 A/13	79 81 73 75	94 102 93 100	1.19 1.26 1.27 1.33	1.65	<b>59.10</b>	<b>115.59</b>
R 121-1	121	55	28	48	SPZ SPA Z/10 A/13	92 94 86 88	107 115 106 113	1.16 1.22 1.23 1.28	1.75	<b>65.60</b>	<b>128.30</b>
R 138-1	138	55	38	48	SPZ SPA SPB Z/10 A/13 B/17	109 111 116 103 105 109	124 132 131 123 130 128	1.14 1.19 1.13 1.19 1.24 1.17	2.60	<b>77.40</b>	<b>151.38</b>
R 160-1	160	80	52	48	SPZ SPA SPB Z/10 A/13 B/17	119 121 126 113 115 119	134 143 153 133 141 150	1.13 1.18 1.21 1.18 1.23 1.26	4.50	<b>94.50</b>	<b>184.83</b>
R 180-1	180	80	52	48	SPA SPB A/13 B/17	141 146 135 139	163 173 161 170	1.16 1.18 1.19 1.22	5.40	<b>120.00</b>	<b>234.70</b>



Variable speed pulleys for plain boring (non stock items)

Material: GG

Part Number	D <sub>A</sub> (mm)	D (mm)	Finish bore d <sub>max</sub> (mm)	B (mm)	Section	d <sub>d min</sub> (mm)	d <sub>d max</sub> (mm)	Variance factor	Weight (≈ kg)	Euro/each centred	DM/each centred
R 083-2	83	40	26	76	SPZ Z/10	63 57	79 77	1.25 1.35	1.50	<b>85.70</b>	<b>167.61</b>
R 093-2	93	45	28	76	SPZ SPA Z/10 A/13	67 66 61 60	89 87 87 85	1.33 1.32 1.43 1.42	1.75	<b>94.50</b>	<b>184.83</b>
R 108-2	108	50	28	76	SPZ SPA Z/10 A/13	79 81 73 75	94 102 93 100	1.19 1.26 1.27 1.33	2.15	<b>100.00</b>	<b>195.58</b>
R 121-2	121	55	28	76	SPZ SPA Z/10 A/13	92 94 86 88	107 115 106 113	1.16 1.22 1.23 1.28	2.70	<b>120.00</b>	<b>234.70</b>
R 138-2	138	55	38	76	SPZ SPA SPB Z/10 A/13 B/17	109 111 116 103 105 109	124 132 131 123 130 128	1.14 1.19 1.13 1.19 1.24 1.17	4.50	<b>130.00</b>	<b>254.26</b>
R 160-2	160	80	52	90	SPZ SPA SPB Z/10 A/13 B/17	119 121 126 113 115 119	134 143 153 133 141 150	1.13 1.18 1.21 1.18 1.23 1.26	7.50	<b>170.00</b>	<b>332.49</b>
R 180-2	180	80	52	90	SPA SPB A/13 B/17	141 146 135 139	163 173 161 170	1.16 1.18 1.19 1.22	9.20	<b>209.00</b>	<b>408.77</b>



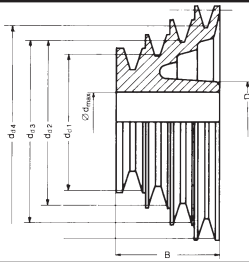
**Variable speed pulleys for taper bushes** Material: GG

Part Number	D <sub>A</sub> (mm)	D (mm)	Finish bore d <sub>max</sub> (mm)	B (mm)	Section	d <sub>d min</sub> (mm)	d <sub>d max</sub> (mm)	Variance factor	Weight without bush (≈ kg)	Taper bush	Euro/each without bush	DM/each without bush
TB-R 092-1	92	46	25	31	SPZ Z/10	60 55	89 88	1.48 1.60	0.85	1008	<b>53.60</b>	<b>104.83</b>
TB-R 108-1	108	50	28	35	SPZ SPA Z/10 A/13 B/17	75 76 68 70 87	93 102 92 100 97	1.24 1.34 1.35 1.43 1.11	1.20	1108	<b>59.00</b>	<b>115.39</b>
TB-R 120-1	120	55	28	35	SPZ SPA Z/10 A/13 B/17	87 88 80 82 98	105 114 104 112 108	1.20 1.29 1.30 1.36 1.10	1.50	1108	<b>66.70</b>	<b>130.45</b>
TB-R 138-1	138	65	32	38	SPZ SPA Z/10 A/13 B/17	105 106 98 100 116	123 132 122 130 126	1.17 1.24 1.24 1.30 1.09	2.20	1215	<b>83.50</b>	<b>163.31</b>
TB-R 159-1	159	75	42	39	SPZ SPA Z/10 A/13 B/17	126 128 122 128 125	144 154 152 152 148	1.14 1.20 1.24 1.18 1.18	3.50	1615	<b>104.00</b>	<b>203.41</b>
TB-R 180-1	180	75	42	45	SPZ SPA SPB Z/10 A/13 B/17	133 134 137 128 128 132	151 160 173 151 158 170	1.14 1.19 1.26 1.17 1.23 1.29	4.20	1615	<b>130.00</b>	<b>254.26</b>

Taper bush	1008	1108	1215	1615
Bore d <sub>2</sub> (mm) from ... to ...	10-25	10-28	11-32	14-42
<b>Euro/each</b>	<b>5.70</b>	<b>6.50</b>	<b>10.70</b>	<b>10.70</b>
<b>DM/each</b>	<b>11.15</b>	<b>12.71</b>	<b>20.93</b>	<b>20.93</b>

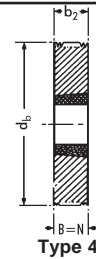
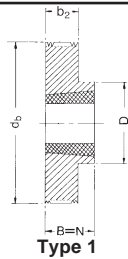
GG = Cast iron  
We reserve the right to technical changes

Bore diameters d<sub>2</sub> see page 3



Stepped pulleys with 3 steps (non stock items)										Material: Al
Part number	d <sub>d1</sub> (mm)	d <sub>d2</sub> (mm)	d <sub>d3</sub> (mm)		D (mm)	Finished bore d <sub>max</sub> (mm)	B (mm)	Weight (= kg)	Euro/each centred	DM/each centred
S-SPZ 40-3	40	60	80		38	18	44	0.26	<b>42.60</b>	<b>83.32</b>
S-SPZ 50-3	50	70	90		38	22	44	0.35	<b>45.00</b>	<b>88.01</b>
S-SPZ 60-3	60	80	100		40	24	44	0.44	<b>47.50</b>	<b>92.90</b>
S-SPZ 80-3	80	100	120		45	26	44	0.54	<b>50.30</b>	<b>98.38</b>
S-SPZ 100-3	100	120	140		50	28	44	0.72	<b>57.70</b>	<b>112.85</b>
S-SPZ 120-3	120	140	160		50	28	44	0.84	<b>63.00</b>	<b>123.22</b>
S-SPA 50-3	50	70	90		40	22	52	0.42	<b>46.70</b>	<b>91.34</b>
S-SPA 60-3	60	80	100		45	26	52	0.55	<b>49.40</b>	<b>96.62</b>
S-SPA 70-3	70	90	110		45	26	52	0.62	<b>51.80</b>	<b>101.31</b>
S-SPA 80-3	80	100	120		50	28	52	0.80	<b>54.50</b>	<b>106.59</b>
S-SPA 90-3	90	110	130		50	28	52	0.85	<b>59.60</b>	<b>116.57</b>
S-SPA 100-3	100	120	140		55	30	52	1.00	<b>64.90</b>	<b>126.93</b>
S-SPA 120-3	120	140	160		60	32	52	1.22	<b>73.00</b>	<b>142.78</b>
S-SPA 140-3	140	160	180		54	38	52	1.36	<b>79.70</b>	<b>155.88</b>
S-SPA 160-3	160	180	200		70	40	52	1.75	<b>86.40</b>	<b>168.98</b>
S-SPB 80-3	80	100	120		50	28	66	1.20	<b>65.80</b>	<b>128.69</b>
S-SPB 100-3	100	120	140		50	28	66	1.40	<b>76.90</b>	<b>150.40</b>
S-SPB 120-3	120	140	160		60	32	66	1.72	<b>93.90</b>	<b>183.65</b>
S-SPB 140-3	140	160	180		65	38	66	2.40	<b>109.00</b>	<b>213.19</b>
S-SPB 160-3	160	180	200		70	40	66	2.60	<b>130.00</b>	<b>254.26</b>

Stepped pulleys with 4 steps (non stock items)										Material: Al
Part number	d <sub>d1</sub> (mm)	d <sub>d2</sub> (mm)	d <sub>d3</sub> (mm)	d <sub>d4</sub> (mm)	D (mm)	Finished bore d <sub>max</sub> (mm)	B (mm)	Weight (= kg)	Euro/each centred	DM/each centred
S-SPA 50-4	50	70	90	110	45	22	68	0.69	<b>54.70</b>	<b>106.98</b>
S-SPA 60-4	60	80	100	120	50	28	68	0.90	<b>57.10</b>	<b>111.68</b>
S-SPA 70-4	70	90	110	130	50	28	68	1.00	<b>65.80</b>	<b>128.69</b>
S-SPA 80-4	80	100	120	140	55	30	68	1.20	<b>70.10</b>	<b>137.10</b>
S-SPA 90-4	90	110	130	150	55	30	68	1.30	<b>75.40</b>	<b>147.47</b>
S-SPA 100-4	100	120	140	160	60	32	68	1.40	<b>81.20</b>	<b>158.81</b>



Part Number	No. of ribs	Type	Material	d <sub>b</sub> (mm)	b <sub>2</sub> (mm)	B (mm)	N (mm)	D (mm)	Taper bush	Euro/each without bush	DM/each without bush
TB 4 PJ 47.5	4	1	GG	47.5	13	23	23	47.5	1008	43.30	84.69
TB 4 PJ 52.5	4	1	GG	52.5	13	23	23	47.5	1008	43.70	85.47
TB 4 PJ 57.5	4	1	GG	57.5	13	23	23	54.0	1108	44.10	86.25
TB 4 PJ 62.5	4	1	GG	62.5	13	23	23	54.0	1108	44.50	87.03
TB 4 PJ 67.5	4	1	GG	67.5	13	23	23	54.0	1108	44.80	87.62
TB 4 PJ 72.5	4	1	GG	72.5	13	23	23	54.0	1108	45.40	88.79
TB 4 PJ 77.5	4	1	GG	77.5	13	26	26	70.0	1210	46.20	90.36
TB 4 PJ 82.5	4	1	GG	82.5	13	26	26	78.0	1210	46.80	91.53
TB 4 PJ 87.5	4	1	GG	87.5	13	26	26	78.0	1210	47.40	92.71
TB 4 PJ 92.5	4	1	GG	92.5	13	26	26	78.0	1210	48.40	94.66
TB 4 PJ 97.5	4	1	GG	97.5	13	26	26	78.0	1210	48.90	95.64
TB 4 PJ 102.5	4	1	GG	102.5	13	26	26	85.0	1610	53.60	104.83
TB 4 PJ 107.5	4	1	GG	107.5	13	26	26	85.0	1610	61.80	120.87
TB 4 PJ 112.5	4	1	GG	112.5	13	26	26	85.0	1610	62.90	123.02
TB 4 PJ 117.5	4	1	GG	117.5	13	26	26	85.0	1610	63.40	124.00
TB 4 PJ 122.5	4	1	GG	122.5	13	26	26	85.0	1610	64.40	125.96
TB 4 PJ 127.5	4	1	GG	127.5	13	26	26	85.0	1610	64.90	126.93
TB 4 PJ 137.5	4	1	GG	137.5	13	26	26	85.0	1610	67.00	131.04
TB 4 PJ 152.5	4	1	GG	152.5	13	26	26	85.0	1610	70.10	137.10
TB 4 PJ 162.5	4	1	GG	162.5	13	26	26	85.0	1610	72.10	141.02
TB 4 PJ 172.5	4	1	GG	172.5	13	26	26	85.0	1610	74.70	146.10
TB 4 PJ 182.5	4	1	GG	182.5	13	26	26	85.0	1610	77.30	151.19
TB 4 PJ 192.5	4	1	GG	192.5	13	26	26	85.0	1610	79.40	155.29
TB 4 PJ 202.5	4	1	GG	202.5	13	33	33	100.0	2012	89.20	174.46
TB 4 PJ 222.5	4	1	GG	222.5	13	33	33	100.0	2012	94.80	185.41
TB 8 PJ 47.5	8	4	GG	47.5	23	23	23	—	1008	44.20	86.45
TB 8 PJ 52.5	8	4	GG	52.5	23	23	23	—	1008	44.60	87.23
TB 8 PJ 57.5	8	4	GG	57.5	23	23	23	—	1108	44.90	87.82
TB 8 PJ 62.5	8	4	GG	62.5	23	23	23	—	1108	45.40	88.79
TB 8 PJ 67.5	8	4	GG	67.5	23	23	23	—	1108	45.70	89.38
TB 8 PJ 72.5	8	4	GG	72.5	23	23	23	—	1108	46.40	90.75
TB 8 PJ 77.5	8	1	GG	77.5	23	26	26	70.0	1210	47.20	92.32
TB 8 PJ 82.5	8	1	GG	82.5	23	26	26	78.0	1210	47.80	93.49
TB 8 PJ 87.5	8	1	GG	87.5	23	26	26	78.0	1210	48.30	94.47
TB 8 PJ 92.5	8	1	GG	92.5	23	26	26	78.0	1210	49.50	96.81
TB 8 PJ 97.5	8	1	GG	97.5	23	26	26	78.0	1210	50.00	97.79
TB 8 PJ 102.5	8	1	GG	102.5	23	26	26	85.0	1610	54.60	106.79
TB 8 PJ 107.5	8	1	GG	107.5	23	26	26	85.0	1610	63.40	124.00
TB 8 PJ 112.5	8	1	GG	112.5	23	26	26	85.0	1610	63.90	124.98
TB 8 PJ 117.5	8	1	GG	117.5	23	26	26	85.0	1610	64.90	126.93
TB 8 PJ 122.5	8	1	GG	122.5	23	26	26	85.0	1610	65.40	127.91
TB 8 PJ 127.5	8	1	GG	127.5	23	26	26	85.0	1610	66.50	130.06
TB 8 PJ 137.5	8	1	GG	137.5	23	26	26	85.0	1610	68.50	133.97
TB 8 PJ 152.5	8	1	GG	152.5	23	26	26	85.0	1610	71.60	140.04
TB 8 PJ 162.5	8	1	GG	162.5	23	26	26	85.0	1610	75.20	147.08
TB 8 PJ 172.5	8	1	GG	172.5	23	26	26	85.0	1610	78.30	153.14
TB 8 PJ 182.5	8	1	GG	182.5	23	26	26	85.0	1610	80.90	158.23
TB 8 PJ 192.5	8	1	GG	192.5	23	26	26	85.0	1610	83.50	163.31
TB 8 PJ 202.5	8	1	GG	202.5	23	33	33	100.0	2012	93.30	182.48
TB 8 PJ 222.5	8	1	GG	222.5	23	33	33	100.0	2012	99.50	194.61

Taper bush	1008	1108	1210	1610	2012
Bore d <sub>2</sub> (mm) from ... to ...	10-25	10-28	11-32	14-42	14-50
Euro/each	5.70	6.50	8.60	10.30	12.60
DM/each	11.15	12.71	16.82	20.15	24.64

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

Bore diameters d<sub>2</sub> see page 3

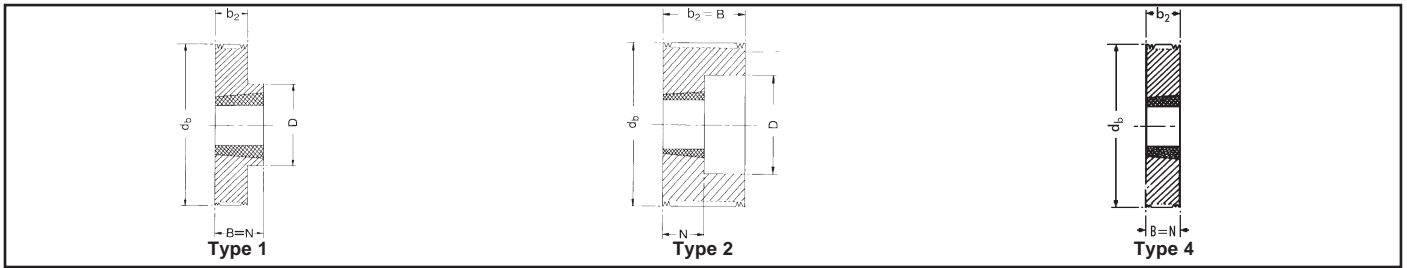


Part Number	No. of ribs	Type	Material	d <sub>b</sub> (mm)	b <sub>2</sub> (mm)	B (mm)	N (mm)	D (mm)	Taper bush	Euro/each without bush	DM/each without bush
TB 12 PJ 62.5	12	2	GG	62.5	32	32	23	50.0	1108	46.30	90.55
TB 12 PJ 67.5	12	2	GG	67.5	32	32	23	50.0	1108	46.70	91.34
TB 12 PJ 72.5	12	2	GG	72.5	32	32	23	50.0	1108	47.40	92.71
TB 12 PJ 77.5	12	2	GG	77.5	32	32	26	62.0	1210	48.20	94.27
TB 12 PJ 82.5	12	2	GG	82.5	32	32	26	62.0	1210	48.80	95.44
TB 12 PJ 87.5	12	2	GG	87.5	32	32	26	70.0	1610	53.60	104.83
TB 12 PJ 92.5	12	2	GG	92.5	32	32	26	70.0	1610	54.60	106.79
TB 12 PJ 97.5	12	2	GG	97.5	32	32	26	70.0	1610	55.10	107.77
TB 12 PJ 102.5	12	2	GG	102.5	32	32	26	70.0	1610	56.20	109.92
TB 12 PJ 107.5	12	2	GG	107.5	32	32	26	70.0	1610	64.40	125.96
TB 12 PJ 112.5	12	2	GG	112.5	32	32	26	70.0	1610	65.40	127.91
TB 12 PJ 117.5	12	2	GG	117.5	32	32	26	70.0	1610	66.50	130.06
TB 12 PJ 122.5	12	2	GG	122.5	32	32	26	70.0	1610	67.00	131.04
TB 12 PJ 127.5	12	1	GG	127.5	32	32	33	100.0	2012	74.70	146.10
TB 12 PJ 137.5	12	1	GG	137.5	32	32	33	100.0	2012	76.80	150.21
TB 12 PJ 152.5	12	1	GG	152.5	32	32	33	100.0	2012	79.90	156.27
TB 12 PJ 162.5	12	1	GG	162.5	32	32	33	100.0	2012	84.00	164.29
TB 12 PJ 172.5	12	1	GG	172.5	32	32	33	100.0	2012	86.60	169.37
TB 12 PJ 182.5	12	1	GG	182.5	32	46	46	110.0	2517	96.40	188.54
TB 12 PJ 192.5	12	1	GG	192.5	32	46	46	110.0	2517	99.50	194.61
TB 12 PJ 202.5	12	1	GG	202.5	32	46	46	110.0	2517	103.00	201.45
TB 12 PJ 222.5	12	1	GG	222.5	32	46	46	110.0	2517	109.00	213.19
TB 16 PJ 62.5	16	2	GG	62.5	41	41	23	50.0	1108	47.60	93.10
TB 16 PJ 67.5	16	2	GG	67.5	41	41	23	50.0	1108	48.00	93.88
TB 16 PJ 72.5	16	2	GG	72.5	41	41	26	62.0	1210	48.70	95.25
TB 16 PJ 77.5	16	2	GG	77.5	41	41	26	62.0	1210	49.30	96.42
TB 16 PJ 82.5	16	2	GG	82.5	41	41	26	62.0	1210	49.90	97.60
TB 16 PJ 87.5	16	2	GG	87.5	41	41	26	70.0	1610	54.60	106.79
TB 16 PJ 92.5	16	2	GG	92.5	41	41	26	70.0	1610	55.70	108.94
TB 16 PJ 97.5	16	2	GG	97.5	41	41	26	70.0	1610	56.20	109.92
TB 16 PJ 102.5	16	2	GG	102.5	41	41	26	70.0	1610	57.20	111.87
TB 16 PJ 107.5	16	2	GG	107.5	41	41	26	70.0	1610	72.70	142.19
TB 16 PJ 112.5	16	2	GG	112.5	41	41	33	85.0	2012	73.70	144.14
TB 16 PJ 117.5	16	2	GG	117.5	41	41	33	85.0	2012	74.20	145.12
TB 16 PJ 122.5	16	2	GG	122.5	41	41	33	85.0	2012	75.20	147.08
TB 16 PJ 127.5	16	2	GG	127.5	41	41	33	85.0	2012	76.30	149.23
TB 16 PJ 137.5	16	2	GG	137.5	41	41	33	85.0	2012	78.30	153.14
TB 16 PJ 152.5	16	2	GG	152.5	41	41	33	85.0	2012	81.90	160.18
TB 16 PJ 162.5	16	2	GG	162.5	41	41	33	85.0	2012	87.60	171.33
TB 16 PJ 172.5	16	2	GG	172.5	41	41	33	85.0	2012	90.70	177.39
TB 16 PJ 182.5	16	1	GG	182.5	41	46	46	110.0	2517	101.00	197.54
TB 16 PJ 192.5	16	1	GG	192.5	41	46	46	110.0	2517	104.00	203.41
TB 16 PJ 202.5	16	1	GG	202.5	41	46	46	110.0	2517	107.00	209.27
TB 16 PJ 222.5	16	1	GG	222.5	41	46	46	110.0	2517	114.00	222.96

Taper bush	1108	1210	1610	2012	2517
Bore d <sub>2</sub> (mm) from ... to ...	10-28	11-32	14-42	14-50	16-60
Euro/each	6.50	8.60	10.30	12.60	15.80
DM/each	12.71	16.82	20.15	24.64	30.90

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

Bore diameters d<sub>2</sub> see page 3



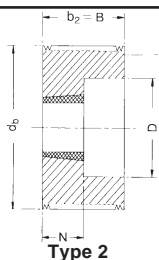
Part Number	No. of ribs	Type	Material	d <sub>b</sub> (mm)	b <sub>2</sub> (mm)	B (mm)	N (mm)	D (mm)	Taper bush	Euro/each without bush	DM/each without bush
TB 6 PL 78	6	2	GG	78	33	33	26	62.0	1210	55.10	107.77
TB 6 PL 83	6	2	GG	83	33	33	26	62.0	1210	60.30	117.94
TB 6 PL 88	6	2	GG	88	33	33	26	70.0	1610	61.30	119.89
TB 6 PL 93	6	2	GG	93	33	33	26	70.0	1610	62.40	122.04
TB 6 PL 98	6	2	GG	98	33	33	26	70.0	1610	62.90	123.02
TB 6 PL 103	6	2	GG	103	33	33	26	70.0	1610	73.70	144.14
TB 6 PL 108	6	2	GG	108	33	33	26	70.0	1610	74.70	146.10
TB 6 PL 113	6	2	GG	113	33	33	26	70.0	1610	75.20	147.08
TB 6 PL 118	6	2	GG	118	33	33	26	70.0	1610	76.30	149.23
TB 6 PL 123	6	4	GG	123	33	33	33	—	2012	84.50	165.27
TB 6 PL 133	6	4	GG	133	33	33	33	—	2012	86.60	169.37
TB 6 PL 148	6	4	GG	148	33	33	33	—	2012	90.70	177.39
TB 6 PL 158	6	4	GG	158	33	33	33	—	2012	95.30	186.39
TB 6 PL 168	6	4	GG	168	33	33	33	—	2012	98.90	193.43
TB 6 PL 178	6	1	GG	178	33	46	46	110.0	2517	109.00	213.19
TB 6 PL 188	6	1	GG	188	33	46	46	110.0	2517	112.00	219.05
TB 6 PL 198	6	1	GG	198	33	46	46	110.0	2517	116.00	226.88
TB 6 PL 218	6	1	GG	218	33	46	46	110.0	2517	124.00	242.52
TB 6 PL 238	6	1	GG	238	33	46	46	110.0	2517	244.00	477.22
TB 6 PL 258	6	1	GG	258	33	46	46	110.0	2517	255.00	498.74
TB 6 PL 278	6	1	GG	278	33	46	46	110.0	2517	266.00	520.25
TB 6 PL 298	6	1	GG	298	33	46	46	110.0	2517	279.00	545.68
TB 6 PL 318	6	1	GG	318	33	46	46	110.0	2517	309.00	604.35
TB 6 PL 348	6	1	GG	348	33	46	46	110.0	2517	333.00	651.29
TB 6 PL 388	6	1	GG	388	33	46	46	110.0	2517	372.00	727.57
TB 8 PL 78	8	2	GG	78	42	42	26	62.0	1210	58.20	113.83
TB 8 PL 83	8	2	GG	83	42	42	26	62.0	1210	58.70	114.81
TB 8 PL 88	8	2	GG	88	42	42	26	70.0	1610	64.40	125.96
TB 8 PL 93	8	2	GG	93	42	42	26	70.0	1610	65.40	127.91
TB 8 PL 98	8	2	GG	98	42	42	26	70.0	1610	66.00	129.08
TB 8 PL 103	8	2	GG	103	42	42	33	85.0	2012	84.00	164.29
TB 8 PL 108	8	2	GG	108	42	42	33	85.0	2012	85.50	167.22
TB 8 PL 113	8	2	GG	113	42	42	33	85.0	2012	86.10	168.40
TB 8 PL 118	8	2	GG	118	42	42	33	85.0	2012	87.60	171.33
TB 8 PL 123	8	2	GG	123	42	42	33	85.0	2012	88.60	173.29
TB 8 PL 133	8	2	GG	133	42	42	33	85.0	2012	91.20	178.37
TB 8 PL 148	8	2	GG	148	42	42	33	85.0	2012	95.30	186.39
TB 8 PL 158	8	2	GG	158	42	42	33	85.0	2012	101.00	197.54
TB 8 PL 168	8	2	GG	168	42	42	33	85.0	2012	105.00	205.36
TB 8 PL 178	8	1	GG	178	42	46	46	110.0	2517	115.00	224.92
TB 8 PL 188	8	1	GG	188	42	46	46	110.0	2517	119.00	232.74
TB 8 PL 198	8	1	GG	198	42	46	46	110.0	2517	123.00	240.57
TB 8 PL 218	8	1	GG	218	42	46	46	110.0	2517	131.00	256.21
TB 8 PL 238	8	1	GG	238	42	46	46	110.0	2517	261.00	510.47
TB 8 PL 258	8	1	GG	258	42	46	46	110.0	2517	272.00	531.99
TB 8 PL 278	8	1	GG	278	42	46	46	110.0	2517	284.00	555.46
TB 8 PL 298	8	1	GG	298	42	46	46	110.0	2517	299.00	584.79
TB 8 PL 318	8	1	GG	318	42	46	46	110.0	2517	330.00	645.42
TB 8 PL 348	8	1	GG	348	42	46	46	110.0	2517	357.00	698.23
TB 8 PL 388	8	1	GG	388	42	46	46	110.0	2517	399.00	780.38

Taper bush	1210	1610	2012	2517
Bore d <sub>2</sub> (mm) from ... to ...	11-32	14-42	14-50	16-60
<b>Euro/each</b>	<b>8.60</b>	<b>10.30</b>	<b>12.60</b>	<b>15.80</b>
<b>DM/each</b>	<b>16.82</b>	<b>20.15</b>	<b>24.64</b>	<b>30.90</b>

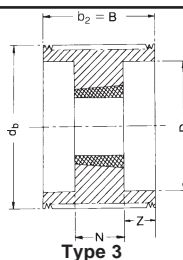
GG = Cast iron  
 Further sizes on request.  
 We reserve the right to make technical changes

Bore diameters d<sub>2</sub> see page 3





Type 2



Type 3

Part Number	No. of ribs	Type	Material	db (mm)	b <sub>2</sub> (mm)	B (mm)	N (mm)	D (mm)	Taper bush	Euro/each without bush	DM/each without bush
TB 10 PL 88	10	3	GG	88	53	53	26	70.0	1610	84.50	165.27
TB 10 PL 93	10	3	GG	93	53	53	26	70.0	1610	85.50	167.22
TB 10 PL 98	10	3	GG	98	53	53	26	70.0	1610	86.60	169.37
TB 10 PL 103	10	2	GG	103	53	53	33	85.0	2012	110.00	215.14
TB 10 PL 108	10	2	GG	108	53	53	33	85.0	2012	112.00	219.05
TB 10 PL 113	10	2	GG	113	53	53	33	85.0	2012	113.00	221.01
TB 10 PL 118	10	2	GG	118	53	53	33	85.0	2012	115.00	224.92
TB 10 PL 123	10	2	GG	123	53	53	33	85.0	2012	117.00	228.83
TB 10 PL 133	10	2	GG	133	53	53	33	85.0	2012	120.00	234.70
TB 10 PL 148	10	2	GG	148	53	53	33	85.0	2012	126.00	246.43
TB 10 PL 158	10	2	GG	158	53	53	33	85.0	2012	132.00	258.17
TB 10 PL 168	10	2	GG	168	53	53	33	85.0	2012	138.00	269.90
TB 10 PL 178	10	2	GG	178	53	53	46	105.0	2517	151.00	295.33
TB 10 PL 188	10	2	GG	188	53	53	46	105.0	2517	156.00	305.11
TB 10 PL 198	10	2	GG	198	53	53	46	105.0	2517	161.00	314.89
TB 10 PL 218	10	2	GG	218	53	53	46	105.0	2517	173.00	338.36
TB 10 PL 238	10	2	GG	238	53	53	46	105.0	2517	277.00	541.76
TB 10 PL 258	10	2	GG	258	53	53	46	105.0	2517	290.00	567.19
TB 10 PL 278	10	2	GG	278	53	53	46	105.0	2517	303.00	592.62
TB 10 PL 298	10	2	GG	298	53	53	46	105.0	2517	319.00	623.91
TB 10 PL 318	10	2	GG	318	53	53	46	105.0	2517	353.00	690.41
TB 10 PL 348	10	2	GG	348	53	53	46	105.0	2517	381.00	745.17
TB 10 PL 388	10	2	GG	388	53	53	46	105.0	2517	426.00	833.18
TB 12 PL 88	12	3	GG	88	62	62	26	70.0	1610	86.60	169.37
TB 12 PL 93	12	3	GG	93	62	62	26	70.0	1610	88.10	172.31
TB 12 PL 98	12	3	GG	98	62	62	26	70.0	1610	89.20	174.46
TB 12 PL 103	12	3	GG	103	62	62	33	85.0	2012	113.00	221.01
TB 12 PL 108	12	3	GG	108	62	62	33	85.0	2012	114.00	222.96
TB 12 PL 113	12	3	GG	113	62	62	33	85.0	2012	116.00	226.88
TB 12 PL 118	12	3	GG	118	62	62	33	85.0	2012	118.00	230.79
TB 12 PL 123	12	3	GG	123	62	62	33	85.0	2012	120.00	234.70
TB 12 PL 133	12	3	GG	133	62	62	33	85.0	2012	123.00	240.57
TB 12 PL 148	12	2	GG	148	62	62	46	105.0	2517	138.00	269.90
TB 12 PL 158	12	2	GG	158	62	62	46	105.0	2517	144.00	281.64
TB 12 PL 168	12	2	GG	168	62	62	46	105.0	2517	150.00	293.37
TB 12 PL 178	12	2	GG	178	62	62	46	105.0	2517	155.00	303.15
TB 12 PL 188	12	2	GG	188	62	62	46	105.0	2517	160.00	312.93
TB 12 PL 198	12	2	GG	198	62	62	46	105.0	2517	165.00	322.71
TB 12 PL 218	12	2	GG	218	62	62	46	105.0	2517	177.00	346.18
TB 12 PL 238	12	2	GG	238	62	62	52	130.0	3020	375.00	733.44
TB 12 PL 258	12	2	GG	258	62	62	52	130.0	3020	463.00	905.55
TB 12 PL 278	12	2	GG	278	62	62	52	130.0	3020	477.00	932.93
TB 12 PL 298	12	2	GG	298	62	62	52	130.0	3020	493.00	964.22
TB 12 PL 318	12	2	GG	318	62	62	52	130.0	3020	528.00	1032.68
TB 12 PL 348	12	2	GG	348	62	62	52	130.0	3020	558.00	1091.35
TB 12 PL 388	12	2	GG	388	62	62	52	130.0	3020	604.00	1181.32

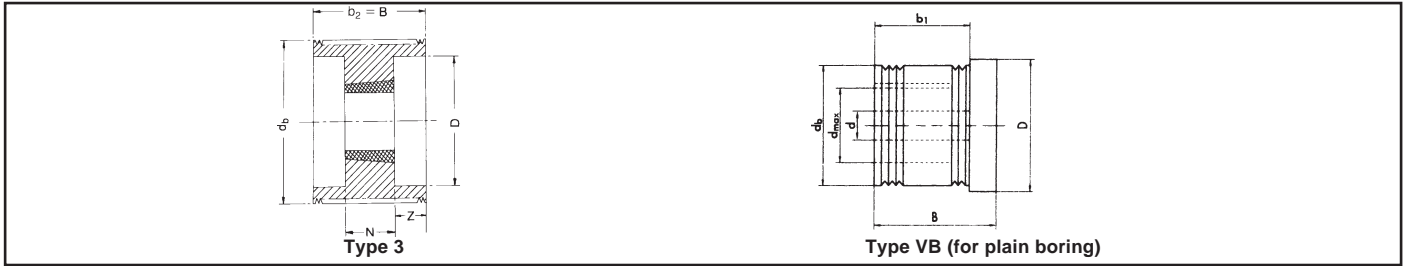
Taper bush	1610	2012	2517	3020
Bore d <sub>2</sub> (mm) from ... to ...	14-42	14-50	16-60	25-75
Euro/each	10.30	12.60	15.80	20.60
DM/each	20.15	24.64	30.90	40.29

GG = Cast iron

Further sizes on request.

We reserve the right to make technical changes

Bore diameters d<sub>2</sub> see page 3



Part Number	No. of ribs	Type	Material	d <sub>b</sub> (mm)	b <sub>2</sub> (mm)	B (mm)	N (mm)	D (mm)	Taper bush	Euro/each without bush	DM/each without bush
TB 16 PL 103	16	3	GG	103	80	80	33	85.0	2012	117.00	228.83
TB 16 PL 108	16	3	GG	108	80	80	33	85.0	2012	119.00	232.74
TB 16 PL 113	16	3	GG	113	80	80	33	85.0	2012	120.00	234.70
TB 16 PL 118	16	3	GG	118	80	80	33	85.0	2012	122.00	238.61
TB 16 PL 123	16	3	GG	123	80	80	33	85.0	2012	124.00	242.52
TB 16 PL 133	16	3	GG	133	80	80	33	85.0	2012	127.00	248.39
TB 16 PL 148	16	3	GG	148	80	80	46	105.0	2517	142.00	277.73
TB 16 PL 158	16	3	GG	158	80	80	46	105.0	2517	153.00	299.24
TB 16 PL 168	16	3	GG	168	80	80	46	105.0	2517	159.00	310.98
TB 16 PL 178	16	3	GG	178	80	80	46	105.0	2517	164.00	320.76
TB 16 PL 188	16	3	GG	188	80	80	46	105.0	2517	170.00	332.49
TB 16 PL 198	16	3	GG	198	80	80	46	105.0	2517	175.00	342.27
TB 16 PL 218	16	3	GG	218	80	80	46	105.0	2517	188.00	367.70
TB 16 PL 238	16	3	GG	238	80	80	52	130.0	3020	389.00	760.82
TB 16 PL 258	16	3	GG	258	80	80	52	130.0	3020	400.00	782.33
TB 16 PL 278	16	3	GG	278	80	80	52	130.0	3020	412.00	805.80
TB 16 PL 298	16	3	GG	298	80	80	52	130.0	3020	427.00	835.14
TB 16 PL 318	16	3	GG	318	80	80	52	130.0	3020	458.00	895.77
TB 16 PL 348	16	3	GG	348	80	80	52	130.0	3020	484.00	946.62
TB 16 PL 388	16	3	GG	388	80	80	52	130.0	3020	525.00	1026.81

Taper bush	2012	2517	3020
Bore d <sub>2</sub> (mm) from ... to ...	14-50	16-60	25-75
<b>Euro/each</b>	<b>12.60</b>	<b>15.80</b>	<b>20.60</b>
<b>DM/each</b>	<b>24.64</b>	<b>30.90</b>	<b>40.29</b>

Bore diameters d<sub>2</sub> see page 3

**optibelt-RBS** Ribbed belt pulleys for plain boring, section PJ

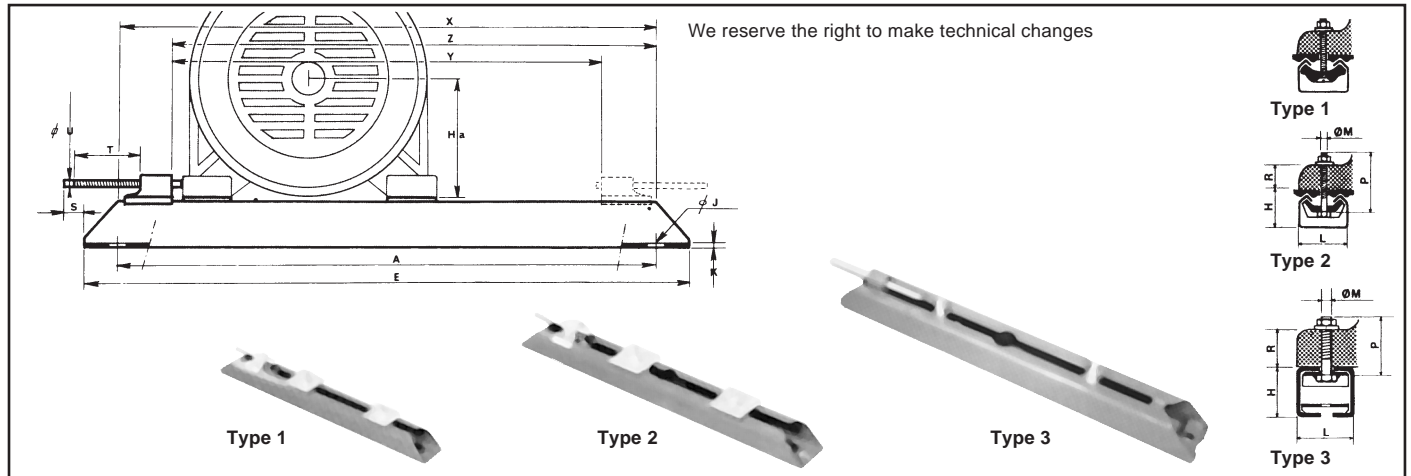
Part Number	No. of ribs	Type	Material	d <sub>b</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finish bore d <sub>max</sub> (mm)	Weight (= kg)	Euro each	DM each
4 PJ 22.5	4	VB	GG	22.5	13	20	25	8	12.0	0.045	17.00	33.25
4 PJ 27.5	4	VB	GG	27.5	13	20	30	8	14.0	0.070	18.00	35.20
4 PJ 32.5	4	VB	GG	32.5	13	20	35	8	18.0	0.100	19.10	37.36
4 PJ 37.5	4	VB	GG	37.5	13	20	40	8	20.0	0.135	20.10	39.31
4 PJ 42.5	4	VB	GG	42.5	13	20	45	8	22.0	0.180	22.20	43.42
8 PJ 22.5	8	VB	GG	22.5	23	30	25	8	12.0	0.063	18.00	35.20
8 PJ 27.5	8	VB	GG	27.5	23	30	30	8	14.0	0.100	19.10	37.36
8 PJ 32.5	8	VB	GG	32.5	23	30	35	8	18.0	0.150	20.60	40.29
8 PJ 37.5	8	VB	GG	37.5	23	30	40	8	20.0	0.200	22.70	44.40
8 PJ 42.5	8	VB	GG	42.5	23	30	45	8	22.0	0.265	24.70	48.31
12 PJ 22.5	12	VB	GG	22.5	32	40	25	8	12.0	0.086	19.60	38.33
12 PJ 27.5	12	VB	GG	27.5	32	40	30	8	14.0	0.140	21.10	41.27
12 PJ 32.5	12	VB	GG	32.5	32	40	35	8	18.0	0.200	22.70	44.40
12 PJ 37.5	12	VB	GG	37.5	32	40	40	8	20.0	0.280	24.20	47.33
12 PJ 42.5	12	VB	GG	42.5	32	40	45	8	22.0	0.360	26.80	52.42

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



Outside diameter x width (mm)	Taper bush	Euro/each without bush	DM/each without bush	Outside diameter x width (mm)	Taper bush	Euro/each without bush	DM/each without bush
63 x 50	1108	<b>39.50</b>	<b>77.26</b>	224 x 50	2517	<b>105.00</b>	<b>205.36</b>
80 x 50	1210	<b>44.50</b>	<b>87.03</b>	224 x 80	2517	<b>158.00</b>	<b>309.02</b>
80 x 80	1615	<b>54.60</b>	<b>106.79</b>	224 x 100	3020	<b>182.00</b>	<b>355.96</b>
90 x 50	1615	<b>58.90</b>	<b>115.20</b>	224 x 125	3030	<b>208.00</b>	<b>406.81</b>
90 x 80	1615	<b>61.70</b>	<b>120.67</b>	224 x 160	3030	<b>241.00</b>	<b>471.36</b>
90 x 100	1615	<b>70.40</b>	<b>137.69</b>	250 x 80	2517	<b>175.00</b>	<b>342.27</b>
100 x 50	1615	<b>65.30</b>	<b>127.72</b>	250 x 100	3020	<b>202.00</b>	<b>395.08</b>
100 x 80	1615	<b>74.70</b>	<b>146.10</b>	250 x 125	3030	<b>236.00</b>	<b>461.58</b>
100 x 100	1615	<b>86.10</b>	<b>168.40</b>	250 x 160	3030	<b>273.00</b>	<b>533.94</b>
125 x 50	2012	<b>76.80</b>	<b>150.21</b>	280 x 100	3020	<b>229.00</b>	<b>447.89</b>
125 x 80	2517	<b>91.90</b>	<b>179.74</b>	280 x 125	3030	<b>268.00</b>	<b>524.16</b>
125 x 100	2517	<b>106.00</b>	<b>207.32</b>	280 x 160	3535	<b>315.00</b>	<b>616.09</b>
125 x 125	2517	<b>110.00</b>	<b>215.14</b>	280 x 200	4040	<b>373.00</b>	<b>729.52</b>
140 x 50	2012	<b>88.30</b>	<b>172.70</b>	315 x 100	3020	<b>254.00</b>	<b>496.78</b>
140 x 80	2517	<b>98.40</b>	<b>192.45</b>	315 x 125	3030	<b>321.00</b>	<b>627.82</b>
140 x 100	3020	<b>117.00</b>	<b>228.83</b>	315 x 160	3535	<b>365.00</b>	<b>713.88</b>
140 x 125	3030	<b>123.00</b>	<b>240.57</b>	315 x 200	4040	<b>436.00</b>	<b>852.74</b>
150 x 50	2012	<b>93.30</b>	<b>182.48</b>	355 x 100	3030	<b>293.00</b>	<b>573.06</b>
150 x 80	2517	<b>106.00</b>	<b>207.32</b>	355 x 125	3030	<b>357.00</b>	<b>698.23</b>
150 x 100	3020	<b>124.00</b>	<b>242.52</b>	355 x 160	3535	<b>426.00</b>	<b>833.18</b>
150 x 125	3030	<b>129.00</b>	<b>252.30</b>	355 x 200	4040	<b>504.00</b>	<b>985.74</b>
150 x 160	3030	<b>144.00</b>	<b>281.64</b>	400 x 100	3535	<b>376.00</b>	<b>735.39</b>
160 x 50	2012	<b>98.40</b>	<b>192.45</b>	400 x 125	3535	<b>426.00</b>	<b>833.18</b>
160 x 80	2517	<b>113.00</b>	<b>221.01</b>	400 x 160	3535	<b>493.00</b>	<b>964.22</b>
160 x 100	3020	<b>131.00</b>	<b>256.21</b>	400 x 200	4040	<b>583.00</b>	<b>1140.25</b>
160 x 125	3030	<b>134.00</b>	<b>262.08</b>	450 x 160	3535	<b>574.00</b>	<b>1122.65</b>
160 x 160	3030	<b>160.00</b>	<b>312.93</b>	450 x 200	4040	<b>678.00</b>	<b>1326.05</b>
180 x 80	2517	<b>127.00</b>	<b>248.39</b>	500 x 160	4040	<b>655.00</b>	<b>1281.07</b>
180 x 100	3020	<b>148.00</b>	<b>289.46</b>	500 x 200	4545	<b>772.00</b>	<b>1509.90</b>
180 x 125	3030	<b>157.00</b>	<b>307.07</b>	560 x 160	4040	<b>815.00</b>	<b>1594.00</b>
180 x 160	3030	<b>185.00</b>	<b>361.83</b>	560 x 200	4545	<b>946.00</b>	<b>1850.22</b>
200 x 80	2517	<b>140.00</b>	<b>273.82</b>	630 x 160	4545	<b>891.00</b>	<b>1742.64</b>
200 x 100	3020	<b>162.00</b>	<b>316.84</b>	630 x 200	5050	<b>1050.00</b>	<b>2053.62</b>
200 x 125	3030	<b>181.00</b>	<b>354.01</b>				
200 x 160	3030	<b>208.00</b>	<b>406.81</b>				

Taper bush	1108	1210	1615	2012	2517	3020	3030	3535	4040	4545	5050
Bore d <sub>2</sub> (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
Euro/each	<b>6.50</b>	<b>8.60</b>	<b>10.70</b>	<b>12.60</b>	<b>15.80</b>	<b>20.60</b>	<b>26.90</b>	<b>51.90</b>	<b>72.90</b>	<b>92.80</b>	<b>149.00</b>
DM/each	<b>12.71</b>	<b>16.82</b>	<b>20.93</b>	<b>24.64</b>	<b>30.90</b>	<b>40.29</b>	<b>52.61</b>	<b>101.51</b>	<b>142.58</b>	<b>181.50</b>	<b>291.42</b>



Part number	S71/6VS	N300/6VS	S100/8VS	N400/8VS	S132/10VS	N600/10VS	S180/12VS	S225/16GS	S280/20GS	S355/24GS	
Type	1	1	2	2	2	2	2	3	3	3	
Motor shaft centre height Ha (mm)	56/63/71	80	80/90/100	100/112	100/112/132	160	160/180	200/225	250/280	315/355	
Dimensions	A (mm)	280.0	343.0	355.0	455.0	480.0	580.0	630.0	800.0	1000.0	1250.0
	E (mm)	312.0	375.0	395.0	495.0	530.0	630.0	686.0	864.0	1072.0	1330.0
	H (mm)	28.0	28.0	40.0	40.0	49.5	49.5	60.5	75.0	100.0	125.0
	ØJ (mm)	10.5	10.5	13.0	13.0	15.0	15.0	19.0	24.0	30.0	30.0
	K (mm)	1.5	1.5	2.5	2.5	7.0	7.0	7.0	28.5	35.0	36.0
	L (mm)	40.2	40.2	50.0	50.0	60.0	60.0	75.0	90.0	112.0	130.0
	ØM (mm)	6.0	6.0	8.0	8.0	10.0	10.0	12.0	16.0	20.0	24.0
	P (mm)	35.0	35.0	45.0	45.0	55.0	55.0	70.0	70.0	80.0	100.0
	R (mm)	13.0	13.0	18.5	18.5	23.5	23.5	34.0	41.0	48.0	62.0
	S (mm)	20.0	20.0	30.0	32.0	37.0	37.0	50.0	167.0	200.0	230.0
	T (mm)	75.0	75.0	97.0	97.0	119.0	119.0	154.0	300.0	360.0	430.0
	□ U (mm)	6.0	6.0	8.0	8.0	9.0	9.0	12.0	16.0	19.0	21.0
Working lengths	X (mm)	262.0	325.0	324.0	424.0	442.0	542.0	—	—	—	
	Y (mm)	206.0	265.0	264.0	354.0	368.0	473.0	623.0	764.0	946.0	
	Z (mm)	234.0	295.0	294.0	394.0	405.0	502.5	698.0	864.0	1064.0	
Weight per pair (≈ kg)	1.120	1.300	2.970	3.500	6.100	6.500	10.650	16.200	36.100	59.500	
<b>Euro/set</b>	<b>63.40</b>	<b>77.90</b>	<b>90.70</b>	<b>106.00</b>	<b>135.00</b>	<b>147.00</b>	<b>210.00</b>	<b>448.00</b>	<b>708.00</b>	<b>1055.00</b>	
<b>DM/set</b>	<b>124.00</b>	<b>152.36</b>	<b>177.39</b>	<b>207.32</b>	<b>264.04</b>	<b>287.51</b>	<b>410.72</b>	<b>876.21</b>	<b>1384.73</b>	<b>2063.40</b>	

**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.
- 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.TE. C-51106.

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

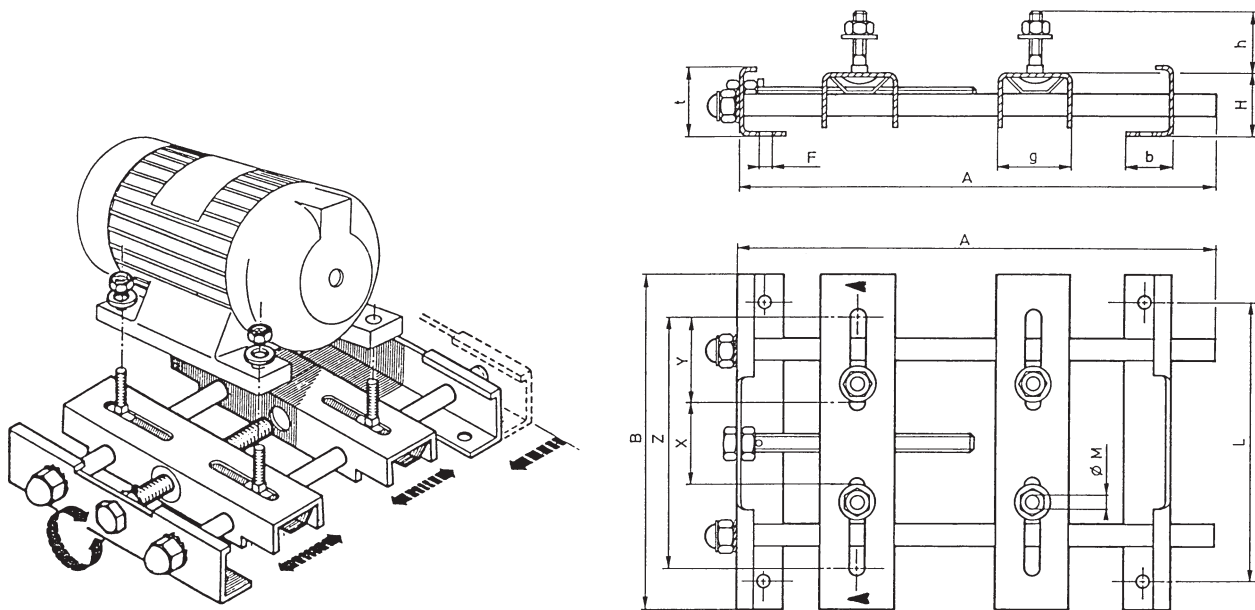
The numbers following the slash (6, 8, 10, 12, 16, 20, 24) indicate the thread diameters of the fixing bolts (6 = M6).

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

VS = sliding bracket  
GS = fixed bracket

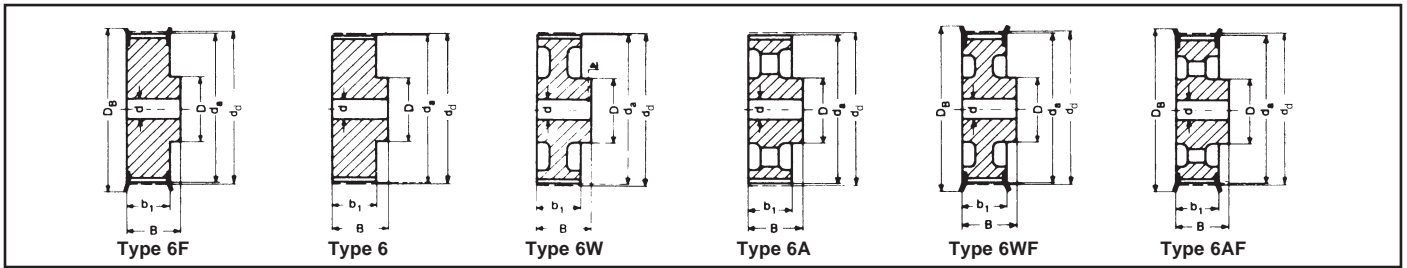
Slide rail part number N 300, N 400, and N 600 are not standardised. They are longer than the standard slide rails but all of the same spare parts can be used.

One set of slide rails consists of 2 rails with all fixing parts.



We reserve the right to make technical changes

Part number	MS 100	MS 132
Motor shaft height $H_a$ (mm)	100.0	132.0
A (mm)	300.0	450.0
B (mm)	180.0	265.0
F (mm)	10.0	13.0
H (mm)	35.0	50.0
L (mm)	150.0	225.0
M	M 8 x 35	M 10 x 40
b (mm)	30.0	45.0
g (mm)	40.0	55.0
h (mm)	35.0	40.0
t (mm)	40.0	55.0
u (mm)	25.0	35.0
v (mm)	20.0	25.0
w (mm)	9.0	18.0
x (mm)	46.0	105.0
y (mm)	50.0	50.0
z (mm)	145.0	204.0
Weight ( $\approx$ kg)	2.180	4.520
<b>Euro/each</b>	<b>100.00</b>	<b>160.00</b>
<b>DM/each</b>	<b>195.58</b>	<b>312.93</b>



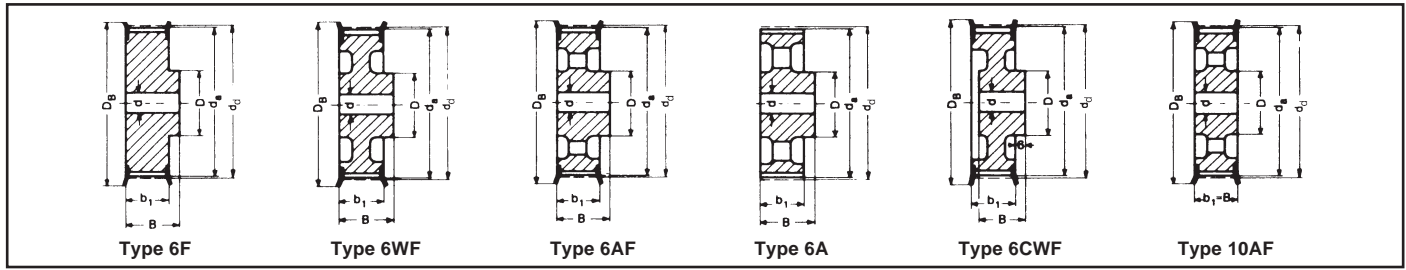
**Type XL – Pitch 5,08 mm for belt width 025, 031, 037**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore d <sub>max</sub> (mm)	Grub screw	Weight (= kg)	Euro each	DM each
10 XL 037	10	6F	St	16.17	15.66	23	14.3	19.8	9.5	5.0	6.4	M3	0.02	8.10	15.84
11 XL 037	11	6F	St	17.79	17.28	23	14.3	19.8	9.5	5.0	6.4	M3	0.02	8.40	16.43
12 XL 037	12	6F	St	19.40	18.89	25	14.3	19.8	12.7	5.0	7.9	M3	0.03	8.70	17.02
14 XL 037	14	6F	St	22.64	22.13	28	14.3	19.8	14.3	6.0	9.5	M4	0.04	9.00	17.60
15 XL 037	15	6F	St	24.26	23.75	28	14.3	19.8	15.9	6.0	11.1	M4	0.04	9.30	18.19
16 XL 037	16	6F	St	25.87	25.36	32	14.3	19.8	17.5	6.0	12.7	M4	0.05	9.60	18.78
18 XL 037	18	6F	St	29.11	28.60	36	14.3	19.8	19.0	6.0	14.3	M4	0.06	9.90	19.36
20 XL 037	20	6F	St	32.34	31.83	38	14.3	22.2	23.8	6.0	17.5	M4	0.08	10.20	19.95
21 XL 037	21	6F	St	33.96	33.45	38	14.3	22.2	23.8	6.0	17.5	M4	0.09	10.50	20.54
22 XL 037	22	6F	St	35.57	35.06	42	14.3	22.2	25.4	6.0	19.1	M4	0.10	10.80	21.12
24 XL 037	24	6F	St	38.81	38.30	44	14.3	22.2	27.0	6.0	20.6	M4	0.12	12.00	23.47
26 XL 037	26	6F	St	42.04	41.53	48	14.3	22.2	30.0	6.0	23.0	M4	0.14	12.60	24.64
28 XL 037	28	6F	St	45.28	44.77	51	14.3	22.2	30.2	6.0	23.0	M4	0.16	12.90	25.23
30 XL 037	30	6F	St	48.51	48.00	54	14.3	22.2	34.9	6.0	23.0	M4	0.19	13.20	25.82
32 XL 037	32	6	Al	51.74	51.23	—	14.3	25.4	38.0	8.0	23.0	M4	0.11	14.40	28.16
36 XL 037	36	6	Al	58.21	57.70	—	14.3	25.4	38.0	8.0	23.0	M4	0.13	15.60	30.51
40 XL 037	40	6	Al	64.68	64.17	—	14.3	25.4	38.0	8.0	23.0	M4	0.17	16.80	32.86
42 XL 037	42	6W	Al	67.91	67.40	—	14.3	25.4	38.0	8.0	23.0	M4	0.13	20.10	39.31
44 XL 037	44	6W	Al	71.15	70.64	—	14.3	25.4	38.0	8.0	23.0	M4	0.15	21.30	41.66
48 XL 037	48	6W	Al	77.62	77.11	—	14.3	25.4	38.0	8.0	23.0	M4	0.16	22.50	44.01
60 XL 037	60	6A	Al	97.02	96.51	—	14.3	25.4	38.0	8.0	23.0	M4	0.18	25.20	49.29
72 XL 037	72	6A	Al	116.43	115.92	—	14.3	25.4	38.0	8.0	23.0	M4	0.23	29.70	58.09

**Type L – Pitch 9,525 mm for belt width 050**

10 L 050	10	6F	St	30.32	29.56	36	19	26	22	6.0	13.0	—	0.11	9.00	17.60
12 L 050	12	6F	St	36.38	35.62	42	19	26	28	6.0	17.0	—	0.19	9.90	19.36
13 L 050	13	6F	St	39.41	38.65	44	19	26	30	6.0	19.0	—	0.21	10.20	19.95
14 L 050	14	6F	St	42.45	41.68	48	19	26	33	8.0	20.0	—	0.25	10.80	21.12
15 L 050	15	6F	St	45.48	44.72	51	19	26	36	8.0	23.0	—	0.30	12.00	23.47
16 L 050	16	6F	St	48.51	47.75	54	19	26	38	8.0	23.0	—	0.33	12.60	24.64
17 L 050	17	6F	St	51.54	50.78	57	19	26	40	10.0	24.0	—	0.36	13.20	25.82
18 L 050	18	6F	St	54.57	53.81	60	19	26	40	10.0	24.0	—	0.41	14.10	27.58
19 L 050	19	6F	St	57.61	56.84	60	19	26	40	10.0	24.0	—	0.45	14.70	28.75
20 L 050	20	6F	St	60.64	59.88	66	19	26	46	10.0	28.0	—	0.50	15.30	29.92
21 L 050	21	6F	St	63.67	62.91	71	19	26	46	10.0	28.0	—	0.55	15.60	30.51
22 L 050	22	6F	St	66.70	65.94	75	19	26	50	10.0	30.0	—	0.62	15.90	31.10
24 L 050	24	6F	St	72.77	72.00	79	19	26	50	12.0	30.0	—	0.68	16.80	32.86
26 L 050	26	6F	St	78.83	78.07	87	19	26	50	12.0	30.0	—	0.82	19.20	37.55
28 L 050	28	6F	St	84.89	84.13	91	19	26	50	12.0	30.0	—	0.92	20.40	39.90
30 L 050	30	6F	St	90.96	90.20	97	19	26	50	12.0	30.0	—	1.10	21.30	41.66
32 L 050	32	6F	St	97.02	96.26	103	19	26	50	12.0	30.0	—	1.20	23.10	45.18
36 L 050	36	6WF	GG	109.15	108.24	115	19	26	50	12.0	30.0	—	1.00	27.00	52.81
40 L 050	40	6WF	GG	121.28	120.51	127	19	26	50	12.0	30.0	—	1.10	30.30	59.26
44 L 050	44	6AF	GG	133.40	132.64	140	19	26	50	12.0	30.0	—	1.20	33.30	65.13
48 L 050	48	6AF	GG	145.53	144.77	152	19	26	50	12.0	30.0	—	1.30	36.60	71.58
60 L 050	60	6A	GG	181.91	181.15	—	19	28	50	15.0	30.0	—	1.30	37.80	73.93
72 L 050	72	6A	GG	218.30	217.53	—	19	28	50	15.0	30.0	—	1.70	43.50	85.08
84 L 050	84	6A	GG	254.68	253.92	—	19	28	50	15.0	30.0	—	1.90	49.20	96.23





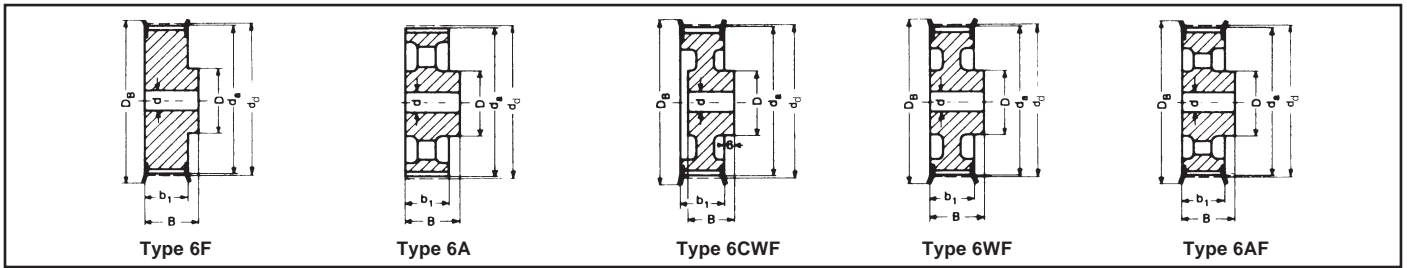
**Type L – Pitch 9,525 mm for belt width 075**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore d <sub>max</sub> (mm)	Weight (= kg)	Euro each	DM each
10 L 075	10	6F	St	30.32	29.59	36	25	32	22	6	13	0.15	9.90	19.36
12 L 075	12	6F	St	36.38	35.62	42	25	32	28	8	17	0.23	10.50	20.54
13 L 075	13	6F	St	39.41	38.65	44	25	32	30	8	19	0.26	11.40	22.30
14 L 075	14	6F	St	42.45	41.68	48	25	32	33	8	20	0.32	12.60	24.64
15 L 075	15	6F	St	45.48	44.72	51	25	32	36	8	23	0.35	13.20	25.82
16 L 075	16	6F	St	48.51	47.75	54	25	32	38	8	23	0.42	13.80	26.99
17 L 075	17	6F	St	51.54	50.78	57	25	32	40	10	24	0.45	14.70	28.75
18 L 075	18	6F	St	54.57	53.81	60	25	32	40	10	24	0.51	15.60	30.51
19 L 075	19	6F	St	57.61	56.84	60	25	32	40	10	24	0.57	16.20	31.68
20 L 075	20	6F	St	60.64	59.88	66	25	32	46	10	28	0.63	16.80	32.86
21 L 075	21	6F	St	63.67	62.91	71	25	32	46	10	28	0.70	17.10	33.44
22 L 075	22	6F	St	66.70	65.94	75	25	32	50	10	30	0.75	17.40	34.03
24 L 075	24	6F	St	72.77	72.00	79	25	32	50	12	30	0.85	19.20	37.55
26 L 075	26	6F	St	78.83	78.07	87	25	32	50	12	30	1.00	21.00	41.07
28 L 075	28	6F	St	84.89	84.13	91	25	32	50	12	30	1.20	21.60	42.25
30 L 075	30	6F	St	90.96	90.20	97	25	32	50	12	30	1.40	24.00	46.94
32 L 075	32	6F	St	97.02	96.26	103	25	32	50	12	30	1.50	25.20	49.29
36 L 075	36	6WF	GG	109.15	108.38	115	25	32	55	12	32	1.30	30.30	59.26
40 L 075	40	6WF	GG	121.28	120.51	127	25	32	60	12	35	1.60	35.70	69.82
44 L 075	44	6AF	GG	133.40	132.64	140	25	32	60	12	35	1.70	39.30	76.86
48 L 075	48	6AF	GG	145.53	144.77	152	25	32	60	12	35	1.90	43.50	85.08
60 L 075	60	6A	GG	181.91	181.15	—	26	35	60	15	35	1.80	45.90	89.77
72 L 075	72	6A	GG	218.30	217.53	—	26	35	60	15	35	2.30	51.00	99.75
84 L 075	84	6A	GG	254.68	253.92	—	26	35	60	15	35	2.50	58.80	115.00

**Type L – Pitch 9,525 mm for belt width 100**

10 L 100	10	6F	St	30.32	29.59	36	31	38	22	6	13	0.81	10.80	21.12
12 L 100	12	6F	St	36.38	35.62	42	31	38	28	8	17	0.29	11.40	22.30
13 L 100	13	6F	St	39.41	38.65	44	31	38	30	8	19	0.30	12.60	24.64
14 L 100	14	6F	St	42.45	41.68	48	31	38	33	8	20	0.38	13.50	26.40
15 L 100	15	6F	St	45.48	44.72	51	31	38	36	8	23	0.40	14.10	27.58
16 L 100	16	6F	St	48.51	47.75	54	31	38	38	8	23	0.51	14.70	28.75
17 L 100	17	6F	St	51.54	50.78	57	31	38	40	10	24	0.54	15.60	30.51
18 L 100	18	6F	St	54.57	53.81	60	31	38	40	10	24	0.62	16.20	31.68
19 L 100	19	6F	St	57.61	56.84	60	31	38	40	10	24	0.69	17.10	33.44
20 L 100	20	6F	St	60.64	59.88	66	31	38	46	10	28	0.76	17.70	34.62
21 L 100	21	6F	St	63.67	62.91	71	31	38	46	10	28	0.82	18.90	36.97
22 L 100	22	6F	St	66.70	65.94	75	31	38	50	10	30	0.92	20.10	39.31
24 L 100	24	6F	St	72.77	72.00	79	31	38	50	12	30	1.10	21.30	41.66
26 L 100	26	6F	St	78.83	78.07	87	31	38	50	12	30	1.30	22.50	44.01
28 L 100	28	6F	St	84.89	84.13	91	31	38	50	12	30	1.40	24.30	47.53
30 L 100	30	6F	St	90.96	90.20	97	31	38	50	12	30	1.70	26.10	51.05
32 L 100	32	6F	St	97.02	96.26	103	31	38	50	12	30	1.80	27.90	54.57
36 L 100	36	6CWF	GG	109.15	108.38	115	32	32	55	12	32	1.50	33.30	65.13
40 L 100	40	6CWF	GG	121.28	120.51	127	32	32	60	12	35	1.80	36.60	71.58
44 L 100	44	10AF	GG	133.40	132.64	140	32	32	60	12	35	1.90	44.10	86.25
48 L 100	48	10AF	GG	145.53	144.77	152	32	32	60	12	35	2.10	46.50	90.95
60 L 100	60	6A	GG	181.91	181.15	—	32	35	60	15	35	2.00	47.70	93.29
72 L 100	72	6A	GG	218.30	217.53	—	32	35	60	15	35	2.50	54.90	107.38
84 L 100	84	6A	GG	254.68	253.92	—	32	35	60	15	35	2.70	61.80	120.87



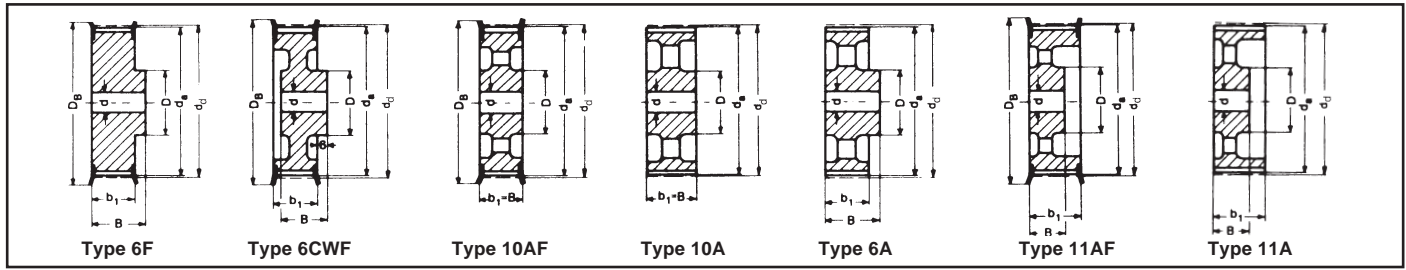


**Type H – Pitch 12,7 mm for belt width 075**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore d <sub>max</sub> (mm)	Weight (= kg)	Euro each	DM each
14 H 075	14	6F	St	56.60	55.22	64.0	26.4	40	40	10	24	0.50	16.20	31.68
16 H 075	16	6F	St	64.67	63.31	70.0	26.4	40	46	10	26	0.60	17.40	34.03
18 H 075	18	6F	St	72.77	71.39	79.0	26.4	40	54	12	32	0.80	18.90	36.97
19 H 075	19	6F	St	76.81	75.44	82.5	26.4	40	58	12	35	1.00	20.10	39.31
20 H 075	20	6F	St	80.85	79.48	87.0	26.4	40	62	12	35	1.10	21.30	41.66
21 H 075	21	6F	St	84.89	83.52	91.0	26.4	40	67	12	38	1.20	21.90	42.83
22 H 075	22	6F	St	88.94	87.56	94.0	26.4	40	70	12	38	1.40	22.80	44.59
24 H 075	24	6F	St	97.02	95.65	102.0	26.4	40	75	12	42	1.60	25.50	49.87
26 H 075	26	6F	St	105.11	103.73	112.0	26.4	40	80	15	45	1.80	28.80	56.33
28 H 075	28	6F	GG	113.19	111.82	120.0	26.4	40	80	15	45	2.00	30.60	59.85
30 H 075	30	6F	GG	121.28	119.90	128.0	26.4	40	80	15	45	2.10	32.10	62.78
32 H 075	32	6F	GG	129.36	127.99	135.0	27.0	40	70	15	45	2.20	36.90	72.17
36 H 075	36	6F	GG	145.53	144.16	152.0	26.4	40	80	20	45	2.40	40.80	79.80
40 H 075	40	6F	GG	161.70	160.33	168.0	26.4	40	80	20	45	2.80	46.20	90.36
44 H 075	44	6AF	GG	177.87	176.50	184.0	26.4	40	80	20	45	2.70	48.90	95.64
48 H 075	48	6AF	GG	194.04	192.67	200.0	26.4	40	90	20	50	3.00	51.60	100.92

**Type H – Pitch 12,7 mm for belt width 100**

14 H 100	14	6F	St	56.60	55.22	63	31	41	40	10	24	0.65	18.30	35.79
16 H 100	16	6F	St	64.68	63.31	71	31	41	46	10	28	0.85	20.10	39.31
18 H 100	18	6F	St	72.77	71.39	79	31	41	54	12	32	1.10	21.60	42.25
19 H 100	19	6F	St	76.81	75.44	83	31	41	58	12	34	1.20	22.80	44.59
20 H 100	20	6F	St	80.85	79.48	87	31	41	62	12	35	1.40	24.00	46.94
21 H 100	21	6F	St	84.89	83.52	91	31	41	67	12	38	1.60	24.90	48.70
22 H 100	22	6F	St	88.94	87.56	93	31	41	70	12	41	1.70	25.80	50.46
24 H 100	24	6F	St	97.02	95.65	103	31	41	75	12	45	2.00	29.10	56.91
26 H 100	26	6CWF	GG	105.11	103.73	111	32	32	55	15	32	1.40	32.70	63.96
28 H 100	28	6CWF	GG	113.19	111.82	119	32	32	60	15	35	1.60	34.50	67.48
30 H 100	30	6CWF	GG	121.28	119.90	127	32	32	60	15	35	1.70	36.60	71.58
32 H 100	32	6WF	GG	129.36	127.99	135	32	40	70	20	40	2.20	41.70	81.56
36 H 100	36	6WF	GG	145.53	144.16	152	32	40	80	20	45	3.00	46.50	90.95
40 H 100	40	6AF	GG	161.70	160.33	168	32	40	80	20	45	2.80	52.50	102.68
44 H 100	44	6AF	GG	177.87	176.50	184	32	40	80	20	45	3.10	55.50	108.55
48 H 100	48	6AF	GG	194.04	192.67	200	32	40	80	20	45	3.30	58.80	115.00
60 H 100	60	6A	GG	242.55	241.18	—	34	45	80	20	45	5.50	72.60	141.99
72 H 100	72	6A	GG	291.06	289.69	—	34	45	80	20	45	7.10	97.20	190.11
84 H 100*	84	6A	GG	339.57	338.20	—	34	45	80	20	45	8.20	117.00	228.83
96 H 100*	96	6A	GG	388.08	386.71	—	34	45	80	20	45	9.90	139.00	271.86
120 H 100*	120	6A	GG	485.10	483.73	—	34	50	90	20	50	13.10	192.00	375.52

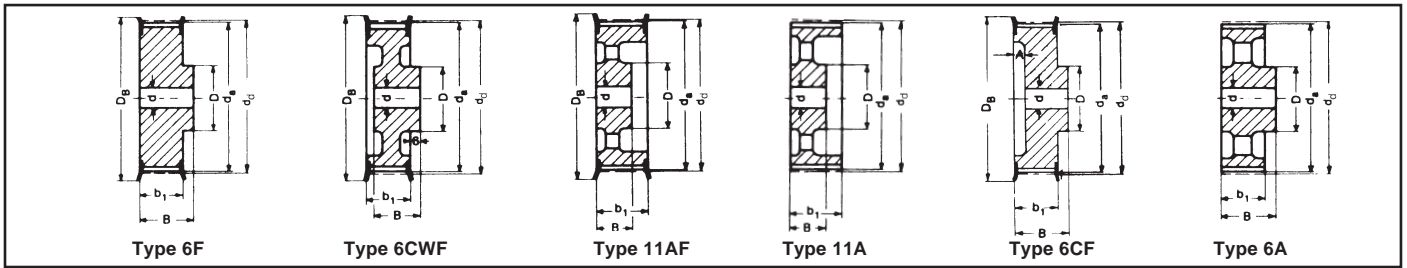


**Type H – Pitch 12,7 mm for belt width 150**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore d <sub>max</sub> (mm)	Weight (= kg)	Euro each	DM each
14 H 150	14	6F	St	56.60	55.22	63	44	54	40	12	24	0.82	21.60	42.25
16 H 150	16	6F	St	64.68	63.31	71	44	54	46	12	28	1.10	23.70	46.35
18 H 150	18	6F	St	72.77	71.39	79	44	54	54	12	32	1.50	25.80	50.46
19 H 150	19	6F	St	76.81	75.44	83	44	54	58	12	34	1.70	27.90	54.57
20 H 150	20	6F	St	80.85	79.48	87	44	54	62	12	35	1.80	29.40	57.50
21 H 150	21	6F	St	84.89	83.52	91	44	54	67	12	38	2.20	31.20	61.02
22 H 150	22	6F	St	88.94	87.56	93	44	54	70	12	41	2.30	33.30	65.13
24 H 150	24	6F	St	97.02	95.65	103	44	54	75	12	45	2.60	35.40	69.24
26 H 150	26	6CWF	GG	105.11	103.73	111	45	35	55	15	32	1.70	37.20	72.76
28 H 150	28	6CWF	GG	113.19	111.82	119	45	35	60	15	35	1.90	39.60	77.45
30 H 150	30	6CWF	GG	121.28	119.90	127	45	35	60	15	35	2.10	42.00	82.14
32 H 150	32	6CWF	GG	129.36	127.99	135	45	45	70	20	40	2.60	46.80	91.53
36 H 150	36	6CWF	GG	145.53	144.16	152	45	45	80	20	45	3.20	53.10	103.85
40 H 150	40	10AF	GG	161.70	160.33	168	45	45	80	20	45	3.80	62.40	122.04
44 H 150	44	10AF	GG	177.87	176.50	184	45	45	80	20	45	3.70	66.00	129.08
48 H 150	48	10AF	GG	194.04	192.67	200	45	45	80	20	45	4.00	69.00	134.95
60 H 150	60	10A	GG	242.55	241.18	—	46	46	85	20	48	5.10	90.60	177.20
72 H 150	72	10A	GG	291.06	289.69	—	46	46	85	20	48	7.90	109.00	213.19
84 H 150*	84	10A	GG	339.57	338.20	—	46	46	85	20	48	8.90	136.00	265.99
96 H 150*	96	10A	GG	388.08	386.71	—	46	46	85	20	48	10.10	156.00	305.11
120 H 150*	120	6A	GG	485.10	483.73	—	46	55	95	24	55	17.20	223.00	436.15

**Type H – Pitch 12,7 mm for belt width 200**

14 H 200	14	6F	St	56.60	55.22	63	58	68	40	12	24	1.1	24.60	48.11
16 H 200	16	6F	St	64.68	63.31	71	58	68	46	15	28	1.4	27.90	54.57
18 H 200	18	6F	St	72.77	71.39	79	58	68	54	15	32	1.8	30.30	59.26
19 H 200	19	6F	St	76.81	75.44	83	58	68	58	15	34	2.1	32.10	62.78
20 H 200	20	6F	St	80.85	79.48	87	58	68	62	15	35	2.3	33.30	65.13
21 H 200	21	6F	St	84.89	83.52	91	58	68	67	15	38	2.6	35.40	69.24
22 H 200	22	6F	St	88.94	87.56	93	58	68	70	15	41	2.8	37.20	72.76
24 H 200	24	6F	St	97.02	95.65	103	58	68	75	15	45	3.4	40.80	79.80
26 H 200	26	6CWF	GG	105.11	103.73	111	58	42	60	15	35	2.3	42.60	83.32
28 H 200	28	6CWF	GG	113.19	111.82	119	58	42	60	15	35	2.5	45.90	89.77
30 H 200	30	6CWF	GG	121.28	119.90	127	58	42	70	15	40	2.9	48.90	95.64
32 H 200	32	6CWF	GG	129.36	127.99	135	58	47	70	20	40	3.2	51.00	99.75
36 H 200	36	6CWF	GG	145.53	144.16	152	58	47	80	20	45	3.8	59.40	116.18
40 H 200	40	11AF	GG	161.70	160.33	168	58	45	80	20	45	4.1	72.60	141.99
44 H 200	44	11AF	GG	177.87	176.50	184	58	45	80	20	45	4.4	78.60	153.73
48 H 200	48	11AF	GG	194.04	192.67	200	58	45	85	20	48	5.1	83.40	163.12
60 H 200	60	11A	GG	242.55	241.18	—	60	50	90	20	50	7.1	107.00	209.27
72 H 200	72	11A	GG	291.06	289.69	—	60	50	90	20	50	8.0	140.00	273.82
84 H 200*	84	11A	GG	339.57	338.20	—	60	50	90	20	50	12.0	166.00	324.67
96 H 200*	96	11A	GG	388.08	386.71	—	60	50	90	20	50	13.6	190.00	371.61
120 H 200*	120	10A	GG	485.10	483.73	—	60	60	100	24	57	16.6	267.00	522.21

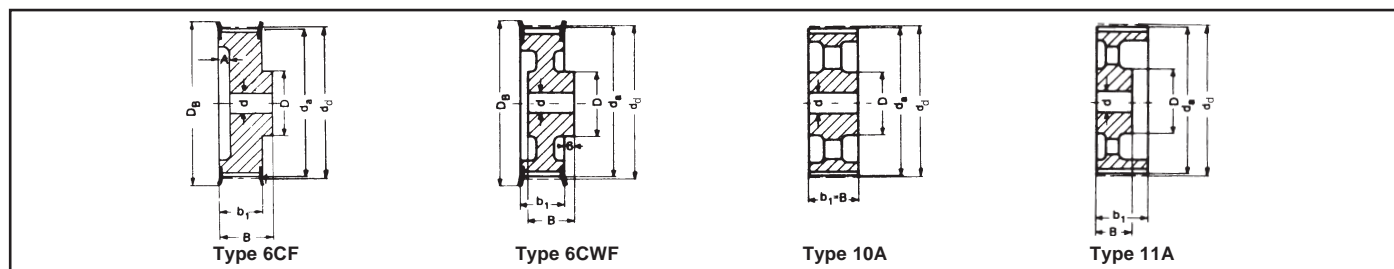


**Type H – Pitch 12,7 mm for belt width 300**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	D (mm)	A (mm)	Pilot bore d (mm)	Finished bore d <sub>max</sub> (mm)	Weight (= kg)	Euro each	DM each
16 H 300	16	6F	St	64.68	63.31	71	84	94	46	—	15	28	2.0	33.90	66.30
18 H 300	18	6F	St	72.77	71.39	79	84	94	54	—	15	32	2.6	37.20	72.76
19 H 300	19	6F	St	76.81	75.44	83	84	94	58	—	15	34	2.9	39.30	76.86
20 H 300	20	6F	St	80.85	79.48	87	84	94	62	—	15	35	3.2	41.10	80.38
21 H 300	21	6F	St	84.89	83.52	91	84	94	67	—	15	38	3.6	43.80	85.67
22 H 300	22	6F	St	88.94	87.56	93	84	94	70	—	15	41	4.0	46.20	90.36
24 H 300	24	6F	St	97.02	95.65	103	84	94	75	—	15	45	4.7	51.00	99.75
26 H 300	26	6CWF	GG	105.11	103.73	111	84	57	60	—	15	35	3.3	64.80	126.74
28 H 300	28	6CWF	GG	113.19	111.82	119	84	57	60	—	15	35	3.6	71.10	139.06
30 H 300	30	6CWF	GG	121.28	119.90	127	84	57	70	—	15	40	4.2	78.60	153.73
32 H 300	32	6CWF	GG	129.36	127.99	135	84	57	70	—	20	40	4.3	84.90	166.05
36 H 300	36	6CWF	GG	145.53	144.16	152	84	57	80	—	20	45	5.2	94.20	184.24
40 H 300	40	11AF	GG	161.70	160.33	168	84	55	80	—	20	45	5.6	99.60	194.80
44 H 300	44	11AF	GG	177.87	176.50	184	84	55	80	—	20	45	5.9	107.00	209.27
48 H 300	48	11AF	GG	194.04	192.67	200	84	55	85	—	20	48	6.6	114.00	222.96
60 H 300	60	11A	GG	242.55	241.18	—	86	55	100	—	20	57	9.9	144.00	281.64
72 H 300	72	11A	GG	291.06	289.69	—	86	55	100	—	20	57	13.0	186.00	363.78
84 H 300*	84	11A	GG	339.57	338.20	—	86	55	100	—	20	57	15.1	212.00	414.64
96 H 300*	96	11A	GG	388.08	386.71	—	86	55	100	—	20	57	18.2	247.00	483.09
120 H 300*	120	11A	GG	485.10	483.73	—	86	65	110	—	24	62	26.0	340.00	664.98

**Type XH – Pitch 22,225 mm for belt width 200**

18 XH 200*	18	6CF	GG	127.34	124.55	142	64.4	60	85	18	20	50	5.0	136.00	265.99
20 XH 200*	20	6CF	GG	141.49	138.69	155	64.4	60	95	18	20	55	6.0	144.00	281.64
22 XH 200*	22	6CF	GG	155.64	152.84	170	64.4	60	110	18	20	65	7.2	155.00	303.15
24 XH 200*	24	6CF	GG	169.79	166.69	184	64.4	60	125	18	25	70	8.6	174.00	340.31
26 XH 200*	26	6CF	GG	183.94	181.14	198	64.4	60	140	18	25	80	10.1	199.00	389.21
28 XH 200*	28	6CWF	GG	198.08	195.29	212	64.4	60	120	18	25	70	9.6	236.00	461.58
30 XH 200*	30	6CWF	GG	212.23	209.44	227	64.4	60	120	18	25	70	10.4	257.00	502.65
32 XH 200*	32	6CWF	GG	226.38	223.59	240	64.4	60	130	18	25	75	11.2	278.00	543.72
40 XH 200*	40	6CWF	GG	282.98	280.18	297	64.4	60	140	18	25	80	16.0	380.00	743.22
48 XH 200*	48	6A	GG	339.57	336.78	—	65.0	80	150	—	30	85	18.4	438.00	856.65
60 XH 200*	60	6A	GG	424.47	421.67	—	65.0	80	150	—	30	85	24.3	520.00	1017.03
72 XH 200*	72	6A	GG	509.36	506.57	—	65.0	80	150	—	40	85	28.1	727.00	1421.89
84 XH 200*	84	6A	GG	594.25	591.46	—	65.0	80	160	—	40	90	31.9	1016.00	1987.12
96 XH 200*	96	6A	GG	679.15	676.35	—	65.0	80	160	—	40	90	37.0	1319.00	2579.74

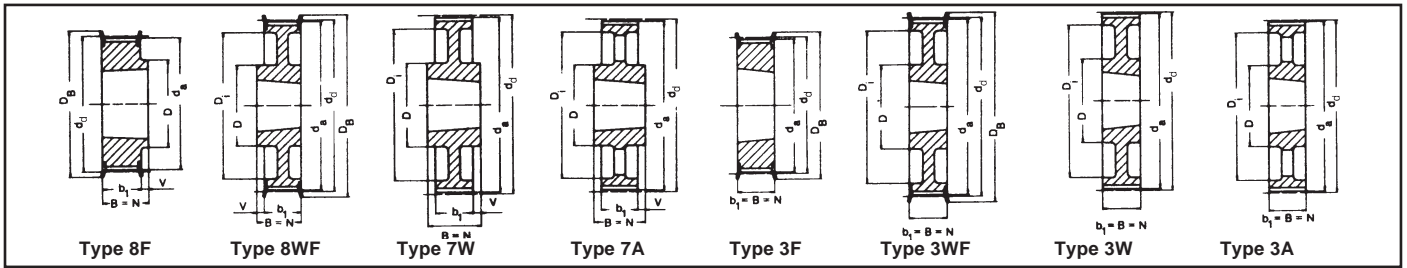


**Type XH – Pitch 22,225 mm for belt width 300**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	D (mm)	A (mm)	Pilot bore d (mm)	Finished bore d <sub>max</sub> (mm)	Weight (= kg)	Euro each	DM each
18 XH 300*	18	6CF	GG	127.34	124.55	142	91.4	70	85	35	20	50	6.8	177.00	346.18
20 XH 300*	20	6CF	GG	141.49	138.69	155	91.4	70	95	35	20	55	7.4	186.00	363.78
22 XH 300*	22	6CF	GG	155.64	152.84	170	91.4	70	110	35	20	65	9.0	210.00	410.72
24 XH 300*	24	6CF	GG	169.79	166.69	184	91.4	70	125	35	25	70	10.6	241.00	471.36
26 XH 300*	26	6CF	GG	183.94	181.14	198	91.4	70	140	35	25	80	13.0	273.00	533.94
28 XH 300*	28	6CWF	GG	198.08	195.29	212	91.4	70	120	35	25	70	12.0	310.00	606.31
30 XH 300*	30	6CWF	GG	212.23	209.44	227	91.4	70	120	35	25	70	13.0	339.00	663.03
32 XH 300*	32	6CWF	GG	226.38	223.59	240	91.4	70	130	35	25	75	14.7	370.00	723.66
40 XH 300*	40	6CWF	GG	282.98	280.18	297	91.4	70	140	35	25	80	19.9	520.00	1017.03
48 XH 300*	48	10A	GG	339.57	336.78	—	92.0	92	150	—	30	85	22.5	580.00	1134.38
60 XH 300*	60	10A	GG	424.47	421.67	—	92.0	92	150	—	30	85	31.5	705.00	1378.86
72 XH 300*	72	10A	GG	509.36	506.57	—	92.0	92	150	—	40	85	36.4	890.00	1740.69
84 XH 300*	84	10A	GG	594.25	591.46	—	92.0	92	160	—	40	90	43.4	1210.00	2366.55
96 XH 300*	96	10A	GG	679.15	676.35	—	92.0	92	160	—	40	90	48.5	1684.00	3293.62

**Type XH – Pitch 22,225 mm for belt width 400**

18 XH 400*	18	6CF	GG	127.34	124.55	142	118.4	85	85	47	20	50	8.5	219.00	428.33
20 XH 400*	20	6CF	GG	141.49	138.69	155	118.4	85	95	47	20	55	9.4	242.00	473.31
22 XH 400*	22	6CF	GG	155.64	152.84	170	118.4	85	110	47	20	65	11.5	265.00	518.29
24 XH 400*	24	6CF	GG	169.79	166.69	184	118.4	85	125	47	25	70	13.4	312.00	610.22
26 XH 400*	26	6CF	GG	183.94	181.14	198	118.4	85	140	47	25	80	15.6	366.00	715.83
28 XH 400*	28	6CWF	GG	198.08	195.29	212	118.4	85	120	47	25	70	14.5	400.00	782.33
30 XH 400*	30	6CWF	GG	212.23	209.44	227	118.4	85	120	47	25	70	16.0	422.00	825.36
32 XH 400*	32	6CWF	GG	226.38	223.59	240	118.4	85	130	47	25	75	18.0	464.00	907.51
40 XH 400*	40	6CWF	GG	282.98	280.18	297	118.4	85	140	47	25	80	24.0	640.00	1251.73
48 XH 400*	48	11A	GG	339.57	336.78	—	119.0	92	150	—	30	85	30.8	737.00	1441.45
60 XH 400*	60	11A	GG	424.47	421.67	—	119.0	92	150	—	30	85	36.2	856.00	1674.19
72 XH 400*	72	11A	GG	509.36	506.57	—	119.0	92	150	—	40	85	42.7	1112.00	2174.88
84 XH 400*	84	11A	GG	594.25	591.46	—	119.0	92	160	—	40	90	49.7	1502.00	2937.66
96 XH 400*	96	11A	GG	679.15	676.35	—	119.0	92	160	—	40	90	59.9	2165.00	4234.37



**Type L – Pitch 9,525 mm for belt width 050**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	N (mm)	V (mm)	Z (mm)	D (mm)	D <sub>1</sub> (mm)	Taper bush	Weight without bush (= kg)	Euro/each without bush	DM/each without bush
TB 18 L 050	18	8F	St	54.57	53.81	60	19.0	22.0	22.0	3.0	—	44	—	1108	0.2	19.20	37.55
TB 19 L 050	19	8F	St	57.61	56.84	60	19.0	22.0	22.0	3.0	—	44	—	1108	0.2	19.80	38.73
TB 20 L 050	20	8F	St	60.64	59.88	66	19.0	22.0	22.0	3.0	—	48	—	1108	0.2	20.10	39.31
TB 21 L 050	21	8F	St	63.67	62.91	71	19.0	22.0	22.0	3.0	—	48	—	1108	0.3	21.00	41.07
TB 22 L 050	22	8F	St	66.70	65.94	75	19.0	22.0	22.0	3.0	—	51	—	1108	0.3	21.60	42.25
TB 23 L 050	23	8F	GG	69.73	68.97	79	19.0	22.0	22.0	3.0	—	54	—	1108	0.4	22.20	43.42
TB 24 L 050	24	8F	GG	72.77	72.00	79	19.0	22.0	22.0	3.0	—	54	—	1108	0.4	22.80	44.59
TB 25 L 050	25	8F	GG	75.80	75.04	83	19.0	22.0	22.0	3.0	—	56	—	1108	0.5	23.40	45.77
TB 26 L 050	26	8F	GG	78.83	78.07	87	19.0	22.0	22.0	3.0	—	60	—	1108	0.5	24.00	46.94
TB 27 L 050	27	8F	GG	81.86	81.10	87	19.0	22.0	22.0	3.0	—	65	—	1108	0.6	24.60	48.11
TB 28 L 050	28	8F	GG	84.89	84.13	91	19.0	22.0	22.0	3.0	—	65	—	1108	0.6	25.20	49.29
TB 30 L 050	30	8F	GG	90.96	90.20	97	19.0	22.0	22.0	3.0	—	70	—	1108	0.8	27.00	52.81
TB 32 L 050	32	8F	GG	97.02	96.26	103	19.0	22.0	22.0	3.0	—	74	—	1108	0.9	29.10	56.91
TB 36 L 050	36	8F	GG	109.15	108.39	115	19.0	22.0	22.0	3.0	—	87	—	1108	1.2	31.20	61.02
TB 40 L 050	40	8F	GG	121.28	120.51	127	19.0	25.0	25.0	6.0	—	97	—	1610	1.5	36.60	71.58
TB 48 L 050	48	8WF	GG	145.53	144.77	152	19.0	25.0	25.0	6.0	—	88	124	1610	2.3	46.50	90.95
TB 60 L 050	60	7W	GG	181.91	181.15	—	19.0	25.0	25.0	3.0	—	92	166	1610	2.0	54.00	105.61
TB 72 L 050	72	7A	GG	218.30	217.53	—	19.0	25.0	25.0	3.0	—	92	202	1610	3.0	63.30	123.80
TB 84 L 050	84	7A	GG	254.68	253.90	—	19.0	25.0	25.0	3.0	—	92	236	1610	4.0	74.40	145.51
TB 96 L 050	96	7A	GG	291.06	290.30	—	19.0	32.0	32.0	6.5	—	106	270	2012	5.5	95.70	187.17
TB 120 L 050	120	7A	GG	363.83	363.07	—	19.0	32.0	32.0	6.5	—	106	343	2012	6.8	122.00	238.61

**Type L – Pitch 9,525 mm for belt width 075**

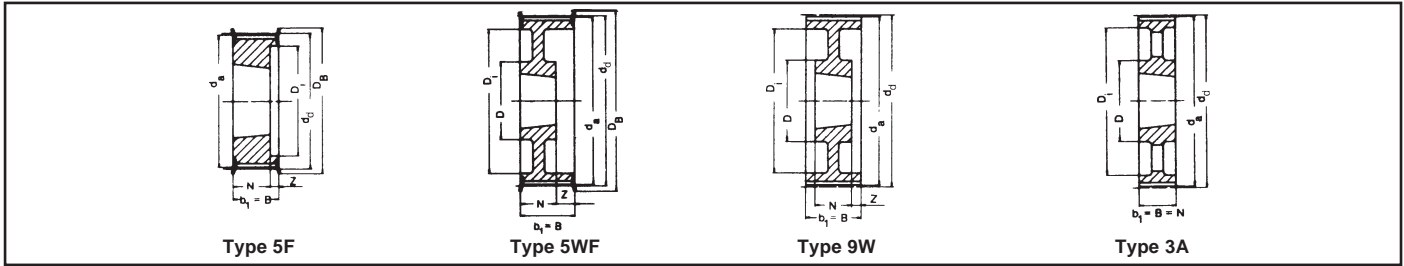
TB 18 L 075	18	3F	St	54.57	53.81	60	25.0	25.0	25.0	—	—	—	—	1108	0.2	21.30	41.66
TB 19 L 075	19	3F	St	57.61	56.84	60	25.0	25.0	25.0	—	—	—	—	1108	0.3	22.20	43.42
TB 20 L 075	20	3F	St	60.64	59.88	66	25.0	25.0	25.0	—	—	—	—	1108	0.3	22.50	44.01
TB 21 L 075	21	3F	St	63.67	62.91	71	25.0	25.0	25.0	—	—	—	—	1108	0.4	23.40	45.77
TB 22 L 075	22	3F	St	66.70	65.94	75	25.0	25.0	25.0	—	—	—	—	1108	0.4	24.00	46.94
TB 23 L 075	23	3F	GG	69.73	68.97	79	25.0	25.0	25.0	—	—	—	—	1108	0.4	24.90	48.70
TB 24 L 075	24	3F	GG	72.77	72.00	79	25.0	25.0	25.0	—	—	—	—	1108	0.5	25.80	50.46
TB 25 L 075	25	3F	GG	75.80	75.04	83	25.0	25.0	25.0	—	—	—	—	1108	0.6	26.40	51.63
TB 26 L 075	26	3F	GG	78.83	78.07	87	25.0	25.0	25.0	—	—	—	—	1108	0.6	27.00	52.81
TB 27 L 075	27	3F	GG	81.86	81.10	87	25.0	25.0	25.0	—	—	—	—	1108	0.7	28.80	56.33
TB 28 L 075	28	3F	GG	84.89	84.13	91	25.0	25.0	25.0	—	—	—	—	1108	0.7	30.00	58.67
TB 30 L 075	30	3F	GG	90.96	90.20	97	25.0	25.0	25.0	—	—	—	—	1108	0.9	30.90	60.44
TB 32 L 075	32	3F	GG	97.02	96.26	103	25.0	25.0	25.0	—	—	—	—	1108	1.0	33.30	65.13
TB 36 L 075	36	3F	GG	109.15	108.39	115	25.0	25.0	25.0	—	—	—	—	1610	1.2	36.90	72.17
TB 40 L 075	40	3F	GG	121.28	120.51	127	25.0	25.0	25.0	—	—	—	—	1610	1.7	40.80	79.80
TB 48 L 075	48	3WF	GG	145.53	144.77	152	25.0	25.0	25.0	—	—	92	124	1610	2.5	48.30	94.47
TB 60 L 075	60	3W	GG	181.91	181.15	—	25.0	25.0	25.0	—	—	92	166	1610	3.0	57.30	112.07
TB 72 L 075	72	3A	GG	218.30	217.53	—	25.0	25.0	25.0	—	—	92	202	1610	4.0	71.10	139.06
TB 84 L 075	84	7A	GG	254.68	253.90	—	25.0	32.0	32.0	3.5	—	106	236	2012	5.2	86.40	168.98
TB 96 L 075	96	7A	GG	291.06	290.30	—	25.0	32.0	32.0	3.5	—	106	270	2012	6.5	107.00	209.27
TB 120 L 075	120	7A	GG	363.83	363.07	—	25.0	32.0	32.0	3.5	—	106	343	2012	7.6	133.00	260.13

Taper bush	1108	1610	2012
Bore d <sub>2</sub> (mm) from ... to ...	10-28	14-42	14-50
Euro/each	6.50	10.30	12.60
DM/each	12.71	20.15	24.64

St = Steel  
GG = Cast iron  
We reserve the right to make technical changes

Bore diameters d<sub>2</sub> see page 3





**Type L – Pitch 9,525 mm for belt width 100**

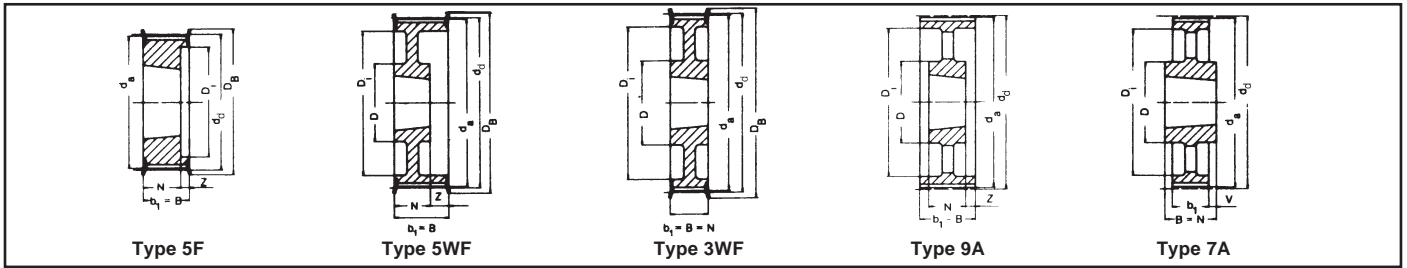
Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	N (mm)	V (mm)	Z (mm)	D (mm)	D <sub>i</sub> (mm)	Taper bush	Weight without bush (≈ kg)	Euro/each without bush	DM/each without bush
TB 18 L 100	18	5F	St	54.57	53.81	60	31.0	31.0	22.0	—	9.0	—	38	1108	0.2	<b>23.10</b>	<b>45.18</b>
TB 19 L 100	19	5F	St	57.61	56.84	60	31.0	31.0	22.0	—	9.0	—	38	1108	0.3	<b>24.00</b>	<b>46.94</b>
TB 20 L 100	20	5F	St	60.64	59.88	66	31.0	31.0	22.0	—	9.0	—	45	1108	0.4	<b>24.60</b>	<b>48.11</b>
TB 21 L 100	21	5F	St	63.67	62.91	71	31.0	31.0	22.0	—	9.0	—	47	1108	0.4	<b>25.50</b>	<b>49.87</b>
TB 22 L 100	22	5F	St	66.70	65.94	75	31.0	31.0	22.0	—	9.0	—	51	1108	0.4	<b>26.10</b>	<b>51.05</b>
TB 23 L 100	23	5F	GG	69.73	68.97	79	32.0	32.0	22.0	—	10.0	—	54	1108	0.5	<b>27.90</b>	<b>54.57</b>
TB 24 L 100	24	5F	GG	72.77	72.00	79	32.0	32.0	22.0	—	10.0	—	54	1108	0.6	<b>29.10</b>	<b>56.91</b>
TB 25 L 100	25	5F	GG	75.80	75.04	83	32.0	32.0	22.0	—	10.0	—	56	1108	0.6	<b>30.30</b>	<b>59.26</b>
TB 26 L 100	26	5F	GG	78.83	78.07	87	32.0	32.0	22.0	—	10.0	—	60	1108	0.7	<b>30.90</b>	<b>60.44</b>
TB 27 L 100	27	5F	GG	81.86	81.10	87	32.0	32.0	22.0	—	10.0	—	62	1108	0.8	<b>31.80</b>	<b>62.20</b>
TB 28 L 100	28	5F	GG	84.89	84.13	91	32.0	32.0	22.0	—	10.0	—	65	1108	0.8	<b>33.00</b>	<b>64.54</b>
TB 30 L 100	30	5F	GG	90.96	90.20	97	32.0	32.0	25.0	—	7.0	—	71	1210	0.9	<b>33.90</b>	<b>66.30</b>
TB 32 L 100	32	5F	GG	97.02	96.26	103	32.0	32.0	25.0	—	7.0	—	75	1210	1.0	<b>37.20</b>	<b>72.76</b>
TB 36 L 100	36	5F	GG	109.15	108.39	115	32.0	32.0	25.0	—	7.0	—	89	1610	1.4	<b>40.20</b>	<b>78.62</b>
TB 40 L 100	40	5F	GG	121.28	120.51	127	32.0	32.0	25.0	—	7.0	—	101	1610	1.7	<b>43.50</b>	<b>85.08</b>
TB 48 L 100	48	5WF	GG	145.53	144.77	152	32.0	32.0	25.0	—	7.0	92	124	1610	2.7	<b>53.40</b>	<b>104.44</b>
TB 60 L 100	60	9W	GG	181.91	181.15	—	32.0	32.0	25.0	—	3.5	92	166	1610	2.4	<b>63.30</b>	<b>123.80</b>
TB 72 L 100	72	3A	GG	218.30	217.53	—	32.0	32.0	32.0	—	—	106	202	2012	4.4	<b>79.20</b>	<b>154.90</b>
TB 84 L 100	84	3A	GG	254.68	253.90	—	32.0	32.0	32.0	—	—	106	236	2012	6.0	<b>92.70</b>	<b>181.31</b>
TB 96 L 100	96	3A	GG	291.06	290.30	—	32.0	32.0	32.0	—	—	106	270	2012	7.1	<b>113.00</b>	<b>221.01</b>
TB 120 L 100	120	3A	GG	363.83	363.07	—	32.0	32.0	32.0	—	—	106	343	2012	8.5	<b>144.00</b>	<b>281.64</b>

Taper bush	1108	1210	1610	2012
Bore d <sub>2</sub> (mm) from ... to ...	10-28	11-32	14-42	14-50
<b>Euro/each</b>	<b>6.50</b>	<b>8.60</b>	<b>10.30</b>	<b>12.60</b>
<b>DM/each</b>	<b>12.71</b>	<b>16.82</b>	<b>20.15</b>	<b>24.64</b>

St = Steel  
GG = Cast iron  
We reserve the right to make technical changes

Bore diameters d<sub>2</sub> see page 3





**Type H – Pitch 12,7 mm for belt width 100**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	N (mm)	V (mm)	Z (mm)	D (mm)	D <sub>1</sub> (mm)	Taper bush	Weight without bush (= kg)	Euro/each without bush	DM/each without bush
TB 16 H 100	16	5F	St	64.68	63.31	71	31.0	31.0	22.0	—	9.0	—	45	1108	0.4	23.10	45.18
TB 18 H 100	18	5F	St	72.77	71.39	79	31.0	31.0	25.0	—	6.0	—	52	1210	0.5	26.70	52.22
TB 19 H 100	19	5F	St	76.81	75.44	83	31.0	31.0	25.0	—	6.0	—	56	1210	0.6	28.20	55.15
TB 20 H 100	20	5F	St	80.55	79.48	87	31.0	31.0	25.0	—	6.0	—	60	1210	0.7	29.40	57.50
TB 21 H 100	21	5F	GG	84.89	83.52	91	32.0	32.0	25.0	—	7.0	—	63	1210	0.8	30.90	60.44
TB 22 H 100	22	5F	GG	88.94	87.56	93	32.0	32.0	25.0	—	7.0	—	67	1210	0.9	32.40	63.37
TB 23 H 100	23	5F	GG	92.98	91.61	97	32.0	32.0	25.0	—	7.0	—	71	1610	0.9	33.60	65.72
TB 24 H 100	24	5F	GG	97.02	95.65	103	32.0	32.0	25.0	—	7.0	—	75	1610	1.0	34.80	68.06
TB 25 H 100	25	5F	GG	101.06	99.69	106	32.0	32.0	25.0	—	7.0	—	79	1610	1.0	36.60	71.58
TB 26 H 100	26	5F	GG	105.11	103.73	111	32.0	32.0	25.0	—	7.0	—	83	1610	1.2	37.80	73.93
TB 27 H 100	27	5F	GG	109.15	107.78	115	32.0	32.0	25.0	—	7.0	—	87	1610	1.3	39.30	76.86
TB 28 H 100	28	5F	GG	113.19	111.82	119	32.0	32.0	25.0	—	7.0	—	91	1610	1.5	40.80	79.80
TB 30 H 100	30	5F	GG	121.28	119.90	127	32.0	32.0	25.0	—	7.0	—	99	1610	1.7	43.50	85.08
TB 32 H 100	32	5WF	GG	129.36	127.99	135	32.0	32.0	25.0	—	7.0	92	108	1610	2.0	47.70	93.29
TB 36 H 100	36	5WF	GG	145.53	144.16	152	32.0	32.0	25.0	—	7.0	92	124	1610	2.7	54.00	105.61
TB 40 H 100	40	5WF	GG	161.70	160.33	168	32.0	32.0	25.0	—	7.0	92	140	1610	3.6	60.30	117.94
TB 44 H 100	44	3WF	GG	177.87	176.50	184	32.0	32.0	32.0	—	—	106	153	2012	3.8	67.50	132.02
TB 48 H 100	48	3WF	GG	194.04	192.67	200	32.0	32.0	32.0	—	—	106	169	2012	3.2	77.40	151.38
TB 60 H 100	60	9A	GG	242.55	241.18	—	34.0	34.0	32.0	—	1.0	106	223	2012	4.8	91.20	178.37
TB 72 H 100	72	9A	GG	291.06	289.69	—	34.0	34.0	32.0	—	1.0	106	270	2012	5.7	107.00	209.27
TB 84 H 100*	84	9A	GG	339.57	338.20	—	34.0	34.0	32.0	—	1.0	106	318	2012	6.8	127.00	248.39
TB 96 H 100*	96	7A	GG	388.08	386.71	—	34.0	45.0	45.0	5.5	—	119	366	2517	8.2	155.00	303.15
TB 120 H 100*	120	7A	GG	485.10	483.73	—	34.0	45.0	45.0	5.5	—	119	462	2517	12.1	209.00	408.77

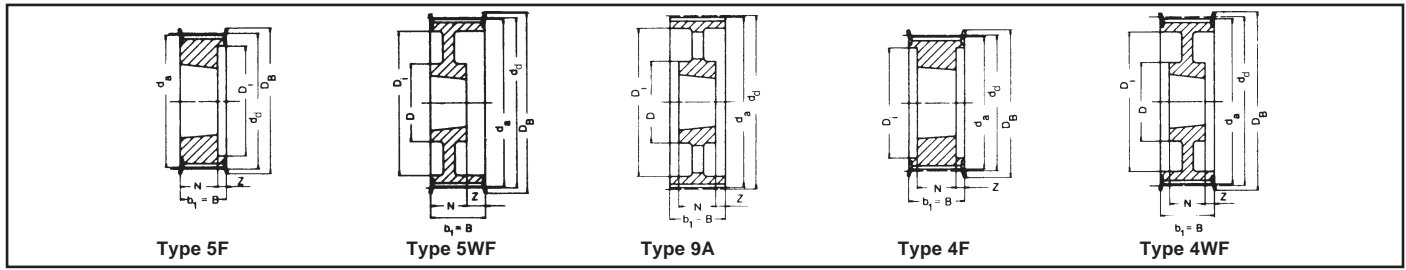
**Type H – Pitch 12,7 mm for belt width 150**

TB 18 H 150	18	5F	St	72.77	71.39	79	45.0	45.0	25.0	—	20.0	—	53	1210	0.6	32.40	63.37
TB 19 H 150	19	5F	St	76.81	75.44	83	45.0	45.0	25.0	—	20.0	—	56	1210	0.7	33.60	65.72
TB 20 H 150	20	5F	St	80.55	79.48	87	45.0	45.0	25.0	—	20.0	—	60	1210	0.8	34.80	68.06
TB 21 H 150	21	5F	GG	84.89	83.52	91	45.0	45.0	25.0	—	20.0	—	64	1210	1.0	36.00	70.41
TB 22 H 150	22	5F	GG	88.94	87.56	93	45.0	45.0	25.0	—	20.0	—	68	1210	1.2	37.20	72.76
TB 23 H 150	23	5F	GG	92.98	91.61	97	45.0	45.0	25.0	—	20.0	—	71	1610	1.3	38.10	74.52
TB 24 H 150	24	5F	GG	97.02	95.65	103	45.0	45.0	25.0	—	20.0	—	74	1610	1.2	39.00	76.28
TB 25 H 150	25	5F	GG	101.06	99.69	106	45.0	45.0	25.0	—	20.0	—	78	1610	1.2	41.40	80.97
TB 26 H 150	26	5F	GG	105.11	103.73	111	45.0	45.0	25.0	—	20.0	—	82	1610	1.4	43.80	85.67
TB 27 H 150	27	5F	GG	109.15	107.78	115	45.0	45.0	25.0	—	20.0	—	87	1610	1.6	45.90	89.77
TB 28 H 150	28	5F	GG	113.19	111.82	119	45.0	45.0	25.0	—	20.0	—	91	1610	1.8	47.70	93.29
TB 30 H 150	30	5F	GG	121.28	119.90	127	45.0	45.0	25.0	—	20.0	—	99	1610	2.0	51.90	101.51
TB 32 H 150	32	5WF	GG	129.36	127.99	135	45.0	45.0	25.0	—	20.0	92	108	1610	2.3	57.00	111.48
TB 36 H 150	36	5WF	GG	145.53	144.16	152	45.0	45.0	25.0	—	20.0	92	124	1610	3.1	66.60	130.26
TB 40 H 150	40	5WF	GG	161.70	160.33	168	45.0	45.0	25.0	—	20.0	92	140	1610	4.0	72.90	142.58
TB 44 H 150	44	5WF	GG	177.87	176.50	184	45.0	45.0	32.0	—	13.0	106	153	2012	4.4	84.90	166.05
TB 48 H 150	48	5WF	GG	194.04	192.67	200	45.0	45.0	32.0	—	13.0	106	169	2012	4.8	93.90	183.65
TB 60 H 150	60	9A	GG	242.55	241.18	—	46.0	46.0	32.0	—	7.0	106	223	2012	5.4	101.00	197.54
TB 72 H 150	72	9A	GG	291.06	289.69	—	46.0	46.0	32.0	—	7.0	106	270	2012	6.5	116.00	226.88
TB 84 H 150*	84	9A	GG	339.57	338.20	—	46.0	46.0	32.0	—	7.0	106	320	2012	8.4	136.00	265.99
TB 96 H 150*	96	9A	GG	388.08	386.71	—	46.0	46.0	45.0	—	0.5	119	366	2517	11.0	179.00	350.09
TB 120 H 150*	120	9A	GG	485.10	483.73	—	46.0	46.0	45.0	—	0.5	119	462	2517	14.8	224.00	438.11

Taper bush	1108	1210	1610	2012	2517
Bore d <sub>2</sub> (mm) from ... to ...	10-28	11-32	14-42	14-50	16-60
<b>Euro/each</b>	<b>6.50</b>	<b>8.60</b>	<b>10.30</b>	<b>12.60</b>	<b>15.80</b>
<b>DM/each</b>	<b>12.71</b>	<b>16.82</b>	<b>20.15</b>	<b>24.64</b>	<b>30.90</b>

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

Bore diameters d<sub>2</sub> see page 3



**Type H – Pitch 12,7 mm for belt width 200**

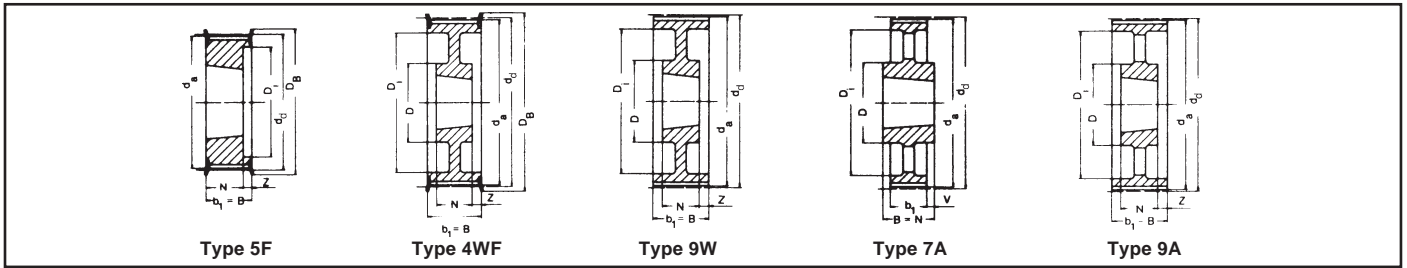
Part No.	No. of teeth	Type	Material	d <sub>g</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	N (mm)	V (mm)	Z (mm)	D (mm)	D <sub>i</sub> (mm)	Taper bush	Weight without bush (≈ kg)	Euro/each without bush	DM/each without bush
TB 18 H 200	18	5F	St	72.77	71.39	79	58.0	58.0	25.0	—	33.0	—	52	1210	0.8	35.70	69.82
TB 19 H 200	19	5F	St	76.81	75.44	83	58.0	58.0	25.0	—	33.0	—	56	1610	0.9	37.80	73.93
TB 20 H 200	20	5F	St	80.55	79.48	87	58.0	58.0	25.0	—	33.0	—	60	1610	1.0	40.20	78.62
TB 21 H 200	21	5F	GG	84.89	83.52	91	58.0	58.0	25.0	—	33.0	—	64	1610	1.7	41.70	81.56
TB 22 H 200	22	5F	GG	88.94	87.56	93	58.0	58.0	25.0	—	33.0	—	68	1610	1.5	43.50	85.08
TB 23 H 200	23	5F	GG	92.98	91.61	97	58.0	58.0	25.0	—	33.0	—	71	1610	1.8	45.00	88.01
TB 24 H 200	24	5F	GG	97.02	95.65	103	58.0	58.0	25.0	—	33.0	—	74	1610	1.5	46.50	90.95
TB 25 H 200	25	5F	GG	101.06	99.69	106	58.0	58.0	25.0	—	33.0	—	78	1610	1.5	48.60	95.05
TB 26 H 200	26	5F	GG	105.11	103.73	111	58.0	58.0	25.0	—	33.0	—	82	1610	1.8	51.30	100.33
TB 27 H 200	27	5F	GG	109.15	107.78	115	58.0	58.0	25.0	—	33.0	—	87	1610	1.9	53.70	105.03
TB 28 H 200	28	5F	GG	113.19	111.82	119	58.0	58.0	25.0	—	33.0	—	91	1610	1.9	56.40	110.31
TB 30 H 200	30	5F	GG	121.28	119.90	127	58.0	58.0	25.0	—	33.0	—	99	1610	2.3	61.80	120.87
TB 32 H 200	32	5F	GG	129.36	127.99	135	58.0	58.0	32.0	—	26.0	—	107	2012	3.0	68.10	133.19
TB 36 H 200	36	5WF	GG	145.53	144.16	152	58.0	58.0	32.0	—	26.0	102	124	2012	3.0	80.10	156.66
TB 40 H 200	40	5WF	GG	161.70	160.33	168	58.0	58.0	32.0	—	26.0	106	140	2012	3.6	91.20	178.37
TB 44 H 200	44	5WF	GG	177.87	176.50	184	58.0	58.0	32.0	—	26.0	106	153	2012	4.5	97.20	190.11
TB 48 H 200	48	5WF	GG	194.04	192.67	200	58.0	58.0	45.0	—	13.0	119	169	2517	4.6	111.00	217.10
TB 60 H 200	60	9A	GG	242.55	241.18	—	60.0	60.0	45.0	—	7.5	119	223	2517	7.0	124.00	242.52
TB 72 H 200	72	9A	GG	291.06	289.69	—	60.0	60.0	45.0	—	7.5	119	270	2517	8.0	139.00	271.86
TB 84 H 200*	84	9A	GG	339.57	338.20	—	60.0	60.0	45.0	—	7.5	119	320	2517	9.0	158.00	309.02
TB 96 H 200*	96	9A	GG	388.08	386.71	—	60.0	60.0	45.0	—	7.5	119	366	2517	11.5	197.00	385.30
TB 120 H 200*	120	9A	GG	485.10	483.73	—	60.0	60.0	45.0	—	7.5	119	462	2517	15.4	267.00	522.21

**Type H – Pitch 12,7 mm for belt width 300**

TB 20 H 300	20	4F	St	80.55	79.48	87	84.0	84.0	38.0	—	23.0	—	65	1615	1.5	54.00	105.61
TB 21 H 300	21	4F	GG	84.89	83.52	91	84.0	84.0	38.0	—	23.0	—	66	1615	1.2	55.20	107.96
TB 22 H 300	22	4F	GG	88.94	87.56	93	84.0	84.0	38.0	—	23.0	—	67	1615	1.6	56.40	110.31
TB 23 H 300	23	4F	GG	92.98	91.61	97	84.0	84.0	38.0	—	23.0	—	71	1615	1.8	57.60	112.66
TB 24 H 300	24	4F	GG	97.02	95.65	103	84.0	84.0	38.0	—	23.0	—	75	1615	2.1	59.10	115.59
TB 25 H 300	25	4F	GG	101.06	99.69	106	84.0	84.0	38.0	—	23.0	—	79	1615	2.0	62.40	122.04
TB 26 H 300	26	4F	GG	105.11	103.73	111	84.0	84.0	38.0	—	23.0	—	83	1615	2.7	65.70	128.50
TB 27 H 300	27	4F	GG	109.15	107.78	115	84.0	84.0	32.0	—	26.0	—	87	2012	3.0	69.30	135.54
TB 28 H 300	28	4F	GG	113.19	111.82	119	84.0	84.0	32.0	—	26.0	—	91	2012	2.4	72.60	141.99
TB 30 H 300	30	4F	GG	121.28	119.90	127	84.0	84.0	32.0	—	26.0	—	99	2012	2.9	78.60	153.73
TB 32 H 300	32	4F	GG	129.36	127.99	135	84.0	84.0	45.0	—	19.5	—	107	2517	3.3	87.90	171.92
TB 36 H 300	36	4F	GG	145.53	144.16	152	84.0	84.0	45.0	—	19.5	—	124	2517	4.5	101.00	197.54
TB 40 H 300	40	4F	GG	161.70	160.33	168	84.0	84.0	45.0	—	19.5	—	137	2517	6.0	111.00	217.10
TB 44 H 300	44	4WF	GG	177.87	176.50	184	86.0	86.0	45.0	—	20.5	119	153	2517	6.6	128.00	250.35
TB 48 H 300	48	4WF	GG	194.04	192.67	200	86.0	86.0	45.0	—	20.5	119	169	2517	7.6	139.00	271.86
TB 60 H 300	60	9A	GG	242.55	241.18	—	86.0	86.0	45.0	—	20.5	119	223	2517	8.4	164.00	320.76
TB 72 H 300	72	9A	GG	291.06	289.69	—	86.0	86.0	45.0	—	20.5	119	270	2517	10.4	187.00	365.74
TB 84 H 300*	84	9A	GG	339.57	338.20	—	86.0	86.0	45.0	—	20.5	119	320	2517	12.5	224.00	438.11
TB 96 H 300*	96	9A	GG	388.08	386.71	—	86.0	86.0	76.0	—	5.0	150	362	3030	14.2	317.00	620.00
TB 120 H 300*	120	9A	GG	485.10	483.73	—	86.0	86.0	76.0	—	5.0	150	460	3030	18.8	402.00	786.24

Taper bush	1210	1610	1615	2012	2517	3030
Bore d <sub>2</sub> (mm) from ... to ...	11-32	14-42	14-42	14-50	16-60	35-75
<b>Euro/each</b>	<b>8.60</b>	<b>10.30</b>	<b>10.70</b>	<b>12.60</b>	<b>15.80</b>	<b>26.90</b>
<b>DM/each</b>	<b>16.82</b>	<b>20.15</b>	<b>20.93</b>	<b>24.64</b>	<b>30.90</b>	<b>52.61</b>

St = Steel  
GG = Cast iron  
We reserve the right to make technical changes  
\* Non stock items  
Bore diameters d<sub>2</sub> see page 3



**Type XH – Pitch 22,225 mm for belt width 200**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>b</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	N (mm)	V (mm)	Z (mm)	D (mm)	D <sub>1</sub> (mm)	Taper bush	Weight without bush (= kg)	Euro/each without bush	DM/each without bush
TB 18 XH 200*	18	5F	GG	127.34	124.55	138	64	64	45	—	20.0	—	95	2517	2.6	310.00	606.31
TB 20 XH 200*	20	5F	GG	141.49	138.69	154	64	64	45	—	20.0	—	110	2517	3.6	336.00	657.16
TB 22 XH 200*	22	5F	GG	155.64	152.84	168	64	64	45	—	20.0	—	120	2517	4.8	358.00	700.19
TB 24 XH 200*	24	5F	GG	169.79	166.69	183	64	64	45	—	20.0	—	135	2517	6.1	405.00	792.11
TB 26 XH 200*	26	5F	GG	183.94	181.14	198	64	64	45	—	20.0	—	150	2517	7.4	432.00	844.92
TB 28 XH 200*	28	4WF	GG	198.08	195.29	211	64	64	45	—	10.0	120	165	2517	9.0	468.00	915.33
TB 30 XH 200*	30	4WF	GG	212.23	209.44	226	64	64	45	—	10.0	120	180	2517	8.6	518.00	1013.12
TB 32 XH 200*	32	4WF	GG	226.38	223.59	240	64	64	45	—	10.0	120	195	2517	9.8	545.00	1065.93
TB 40 XH 200*	40	4WF	GG	282.98	280.18	296	64	64	51	—	7.0	160	245	3020	13.3	747.00	1461.01
TB 48 XH 200*	48	9W	GG	339.57	336.78	—	64	64	51	—	7.0	160	300	3020	19.0	1012.00	1979.30

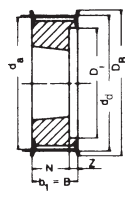
**Type XH – Pitch 22,225 mm for belt width 300**

TB 18 XH 300*	18	5F	GG	127.34	124.55	138	90	90	45	—	45.0	—	95	2517	3.7	399.00	780.38
TB 20 XH 300*	20	5F	GG	141.49	138.69	154	90	90	45	—	45.0	—	110	2517	4.7	450.00	880.12
TB 22 XH 300*	22	5F	GG	155.64	152.84	168	90	90	45	—	45.0	—	120	2517	6.0	471.00	921.20
TB 24 XH 300*	24	5F	GG	169.79	166.69	183	90	90	45	—	45.0	—	135	2517	7.6	528.00	1032.68
TB 26 XH 300*	26	5F	GG	183.94	181.14	198	90	90	45	—	45.0	—	150	2517	9.8	567.00	1108.96
TB 28 XH 300*	28	5F	GG	198.08	195.29	211	90	90	51	—	39.0	—	165	3020	11.6	633.00	1238.04
TB 30 XH 300*	30	5F	GG	212.23	209.44	226	90	90	51	—	39.0	—	180	3020	11.9	695.00	1359.30
TB 32 XH 300*	32	5F	GG	226.38	223.59	240	90	90	51	—	39.0	—	195	3020	13.8	723.00	1414.07
TB 40 XH 300*	40	4WF	GG	282.98	280.18	296	90	90	51	—	19.5	160	245	3020	19.5	948.00	1854.13
TB 48 XH 300*	48	9W	GG	339.57	336.78	—	90	90	51	—	19.5	160	300	3020	27.0	1101.00	2153.37

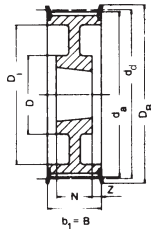
Taper bush	2517	3020	3535	4040
Bore d <sub>2</sub> (mm) from ... to ...	16-60	25-75	35-90	40-100
<b>Euro/each</b>	<b>15.80</b>	<b>20.60</b>	<b>51.90</b>	<b>72.90</b>
<b>DM/each</b>	<b>30.90</b>	<b>40.29</b>	<b>101.51</b>	<b>142.58</b>

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

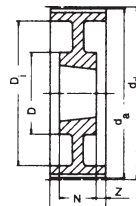
Bore diameters d<sub>2</sub> see page 3



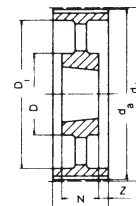
Type 5F



Type 4WF



Type 9W



Type 9A

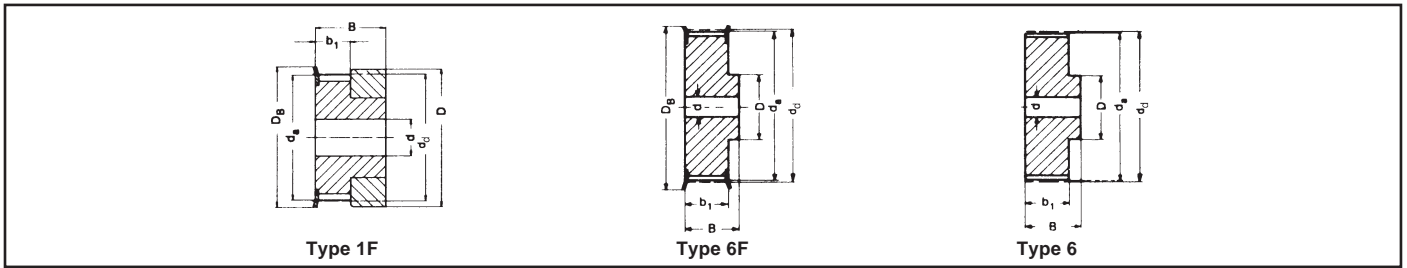
**Type XH – Pitch 22,225 mm for belt width 400**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	N (mm)	V (mm)	Z (mm)	D (mm)	D <sub>i</sub> (mm)	Taper bush	Weight without bush (≈ kg)	Euro/each without bush	DM/each without bush
TB 20 XH 400*	20	5F	GG	141.49	138.69	154	119	119	45	—	74.0	—	110	2517	6.0	<b>486.00</b>	<b>950.53</b>
TB 22 XH 400*	22	5F	GG	155.64	152.84	168	119	119	45	—	74.0	—	120	2517	7.2	<b>538.00</b>	<b>1052.24</b>
TB 24 XH 400*	24	5F	GG	169.79	166.69	183	119	119	51	—	68.0	—	135	3020	8.4	<b>575.00</b>	<b>1124.60</b>
TB 26 XH 400*	26	5F	GG	183.94	181.14	198	119	119	51	—	68.0	—	150	3020	10.3	<b>671.00</b>	<b>1312.36</b>
TB 28 XH 400*	28	5F	GG	198.08	195.29	211	119	119	51	—	68.0	—	165	3020	12.3	<b>718.00</b>	<b>1404.29</b>
TB 30 XH 400*	30	5F	GG	212.23	209.44	226	119	119	51	—	68.0	—	180	3020	14.3	<b>764.00</b>	<b>1494.25</b>
TB 32 XH 400*	32	5F	GG	226.38	223.59	240	119	119	51	—	68.0	—	195	3020	19.9	<b>835.00</b>	<b>1633.12</b>
TB 40 XH 400*	40	4WF	GG	282.98	280.18	296	119	119	89	—	15.0	190	245	3535	24.6	<b>891.00</b>	<b>1742.64</b>
TB 48 XH 400*	48	9W	GG	339.57	336.78	—	119	119	89	—	15.0	190	300	3535	30.0	<b>1141.00</b>	<b>2231.60</b>

Taper bush	2517	3020	3535	4040
Bore d <sub>2</sub> (mm) from ... to ...	16-60	25-75	35-90	40-100
<b>Euro/each</b>	<b>15.80</b>	<b>20.60</b>	<b>51.90</b>	<b>72.90</b>
<b>DM/each</b>	<b>30.90</b>	<b>40.29</b>	<b>101.51</b>	<b>142.58</b>

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

Bore diameters d<sub>2</sub> see page 3



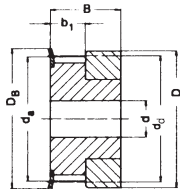
**Section 3M – Pitch 3 mm for belt width 6 mm (Non stock items)**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore d <sub>max</sub> (mm)	Weight (= kg)	Euro each	DM each
10-3M-6	10	1F	Al	9.55	8.79	13.0	7.2	14.5	13.0	—	3		on request	on request
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			

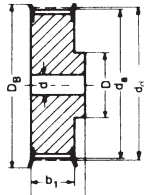
**Section 3M – Pitch 3 mm for belt width 9 mm**

10-3M-9	10	1F	Al	9.55	8.79	13.0	10.2	17.5	13.0	—	3	0.004	8.10	15.84
12-3M-9	12	1F	Al	11.46	10.70	15.0	10.2	17.5	15.0	—	5	0.006	8.40	16.43
14-3M-9	14	1F	Al	13.37	12.61	16.0	10.2	17.5	16.0	—	6	0.007	8.70	17.02
15-3M-9	15	1F	Al	14.32	13.56	17.5	10.2	17.5	17.5	—	6	0.008	9.00	17.60
16-3M-9	16	6F	Al	15.28	14.52	18.0	12.8	20.6	10.0	4	7	0.007	9.60	18.78
18-3M-9	18	6F	Al	17.19	16.43	19.5	12.8	20.6	11.0	6	8	0.008	10.80	21.12
20-3M-9	20	6F	Al	19.10	18.34	23.0	12.8	20.6	13.0	6	9	0.010	11.10	21.71
21-3M-9	21	6F	Al	20.05	19.29	25.0	12.8	20.6	14.0	6	9	0.013	11.40	22.30
22-3M-9	22	6F	Al	21.01	20.25	25.0	12.8	20.6	14.0	6	9	0.014	12.30	24.06
24-3M-9	24	6F	Al	22.92	22.16	25.0	12.8	20.6	14.0	6	9	0.016	12.60	24.64
26-3M-9	26	6F	Al	24.83	24.07	28.0	12.8	20.6	16.0	6	11	0.018	13.50	26.40
28-3M-9	28	6F	Al	26.74	25.98	32.0	12.8	20.6	18.0	6	12	0.024	14.10	27.58
30-3M-9	30	6F	Al	28.65	27.89	32.0	12.8	20.6	20.0	6	14	0.028	14.70	28.75
32-3M-9	32	6F	Al	30.56	29.80	36.0	12.8	20.6	22.0	6	15	0.032	15.30	29.92
36-3M-9	36	6F	Al	34.38	33.62	38.0	13.4	22.2	26.0	6	16	0.045	16.80	32.86
40-3M-9	40	6F	Al	38.20	37.44	42.0	13.4	22.2	28.0	6	18	0.055	17.10	33.44
44-3M-9	44	6F	Al	42.02	41.26	48.0	13.4	22.2	33.0	6	20	0.074	20.70	40.49
48-3M-9	48	6	Al	45.84	45.08	—	13.4	22.2	33.0	8	20	0.074	22.20	43.42
60-3M-9	60	6	Al	57.30	56.54	—	13.4	22.2	33.0	8	20	0.106	26.70	52.22
72-3M-9	72	6	Al	68.75	67.99	—	13.4	22.2	33.0	8	20	0.145	33.60	65.72

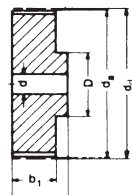




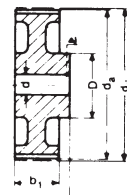
Type 1F



Type 6F



Type 6



Type 6W

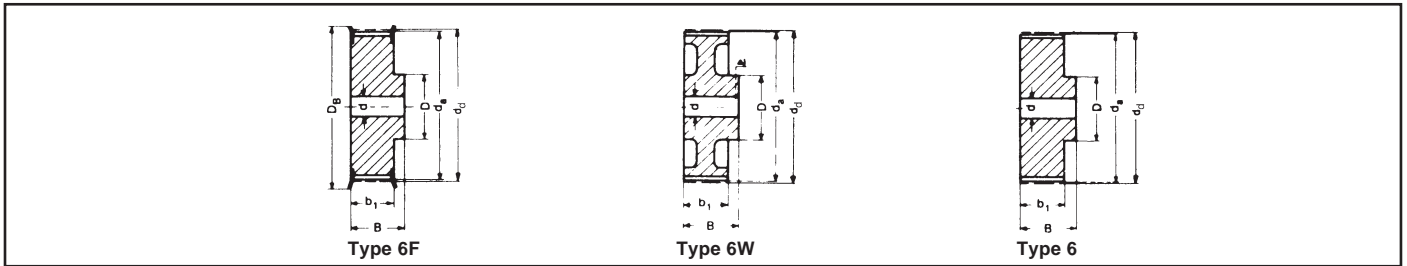
**Section 3M – Pitch 3 mm for belt width 15 mm**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore d <sub>max</sub> (mm)	Weight (= kg)	Euro each	DM each
10-3M-15	10	1F	Al	9.55	8.79	13.0	17.0	26	13.0	—	3	0.006	9.00	17.60
12-3M-15	12	1F	Al	11.46	10.70	15.0	17.0	26	15.0	—	5	0.008	9.30	18.19
14-3M-15	14	1F	Al	13.37	12.61	16.0	17.0	26	16.0	—	6	0.010	10.20	19.95
15-3M-15	15	1F	Al	14.32	13.56	17.5	17.0	26	17.5	—	6	0.012	10.50	20.54
16-3M-15	16	6F	Al	15.28	14.52	18.0	19.5	26	10.0	4	7	0.010	11.10	21.71
18-3M-15	18	6F	Al	17.19	16.43	19.5	19.5	26	11.0	6	8	0.012	11.40	22.30
20-3M-15	20	6F	Al	19.10	18.34	23.0	19.5	26	13.0	6	9	0.014	12.00	23.47
21-3M-15	21	6F	Al	20.05	19.29	25.0	19.5	26	14.0	6	9	0.016	12.30	24.06
22-3M-15	22	6F	Al	21.01	20.25	25.0	19.5	26	14.0	6	9	0.018	13.50	26.40
24-3M-15	24	6F	Al	22.92	22.16	25.0	19.5	26	14.0	6	9	0.020	14.10	27.58
26-3M-15	26	6F	Al	24.83	24.07	28.0	19.5	26	16.0	6	11	0.027	14.70	28.75
28-3M-15	28	6F	Al	26.74	25.98	32.0	19.5	26	18.0	6	12	0.030	15.00	29.34
30-3M-15	30	6F	Al	28.65	27.89	32.0	19.5	26	20.0	6	14	0.035	16.20	31.68
32-3M-15	32	6F	Al	30.56	29.80	36.0	19.5	26	22.0	6	15	0.042	17.40	34.03
36-3M-15	36	6F	Al	34.38	33.62	38.0	20.0	30	26.0	6	16	0.060	20.10	39.31
40-3M-15	40	6F	Al	38.20	37.44	42.0	20.0	30	28.0	6	18	0.075	20.40	39.90
44-3M-15	44	6F	Al	42.02	41.26	48.0	20.0	30	33.0	6	20	0.100	24.00	46.94
48-3M-15	48	6	Al	45.84	45.08	—	20.0	30	33.0	8	20	0.103	26.40	51.63
60-3M-15	60	6	Al	57.30	56.54	—	20.0	30	33.0	8	20	0.150	32.40	63.37
72-3M-15	72	6	Al	68.75	67.99	—	20.0	30	33.0	8	20	0.212	39.00	76.28

**Section 5M – Pitch 5 mm for belt width 9 mm**

12-5M-9	12	6F	St	19.10	17.96	23	14.5	20.0	13.0	4	7	0.028	8.70	17.02
14-5M-9	14	6F	St	22.28	21.14	25	14.5	20.0	14.0	6	8	0.034	9.30	18.19
15-5M-9	15	6F	St	23.87	22.73	28	14.5	20.0	16.0	6	10	0.042	9.60	18.78
16-5M-9	16	6F	St	25.46	24.32	28	14.5	20.0	16.5	6	10	0.050	10.20	19.95
18-5M-9	18	6F	St	28.65	27.51	32	14.5	20.0	20.0	6	12	0.070	11.10	21.71
20-5M-9	20	6F	St	31.83	30.69	36	14.5	22.5	23.0	6	14	0.094	12.00	23.47
21-5M-9	21	6F	St	33.42	32.28	38	14.5	22.5	24.0	6	14	0.110	12.60	24.64
22-5M-9	22	6F	St	35.01	33.87	38	14.5	22.5	25.5	6	14	0.118	13.20	25.82
24-5M-9	24	6F	St	38.20	37.06	42	14.5	22.5	27.0	6	16	0.145	13.80	26.99
26-5M-9	26	6F	St	41.38	40.24	44	14.5	22.5	30.0	6	18	0.170	14.40	28.16
28-5M-9	28	6F	St	44.56	43.42	48	14.5	22.5	30.5	6	18	0.200	15.00	29.34
30-5M-9	30	6F	St	47.75	46.61	51	14.5	22.5	35.0	6	20	0.236	15.60	30.51
32-5M-9	32	6F	St	50.93	49.79	54	14.5	22.5	38.0	8	22	0.270	16.80	32.86
36-5M-9	36	6F	St	57.30	56.16	60	14.5	22.5	38.0	8	22	0.324	18.30	35.79
40-5M-9	40	6F	St	63.66	62.52	71	14.5	22.5	38.0	8	22	0.400	19.20	37.55
44-5M-9	44	6W	Al	70.03	68.89	—	14.5	25.5	38.0	8	22	0.170	22.80	44.59
48-5M-9	48	6W	Al	76.39	75.25	—	14.5	25.5	45.0	8	25	0.182	24.60	48.11
60-5M-9	60	6W	Al	95.49	94.35	—	14.5	25.5	45.0	8	25	0.230	30.90	60.44
72-5M-9	72	6W	Al	114.59	113.45	—	14.5	25.5	45.0	8	25	0.270	37.20	72.76



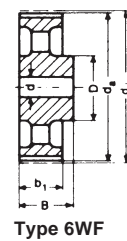
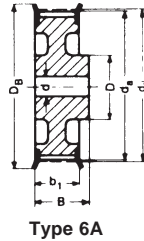
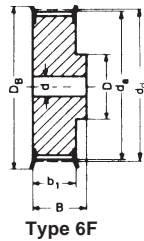


**Section 5M – Pitch 5 mm for belt width 15 mm**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore d <sub>max</sub> (mm)	Weight (= kg)	Euro each	DM each
12-5M-15	12	6F	St	19.10	17.96	25	20.5	26	13.0	4	7	0.034	9.90	19.36
14-5M-15	14	6F	St	22.28	21.14	25	20.5	26	14.0	6	8	0.046	10.50	20.54
15-5M-15	15	6F	St	23.87	22.73	28	20.5	26	16.0	6	10	0.056	11.10	21.71
16-5M-15	16	6F	St	25.46	24.32	28	20.5	26	16.5	6	10	0.064	12.00	23.47
18-5M-15	18	6F	St	28.65	27.51	32	20.5	26	20.0	6	12	0.086	12.60	24.64
20-5M-15	20	6F	St	31.83	30.69	36	20.5	26	23.0	6	14	0.112	13.20	25.82
21-5M-15	21	6F	St	33.42	32.28	38	20.5	26	24.0	6	14	0.130	14.10	27.58
22-5M-15	22	6F	St	35.01	33.87	38	20.5	26	25.5	6	14	0.140	14.70	28.75
24-5M-15	24	6F	St	38.20	37.06	42	20.5	28	27.0	6	16	0.180	15.60	30.51
26-5M-15	26	6F	St	41.38	40.24	44	20.5	28	30.0	6	18	0.220	15.90	31.10
28-5M-15	28	6F	St	44.56	43.42	48	20.5	28	30.5	6	18	0.250	16.80	32.86
30-5M-15	30	6F	St	47.75	46.61	51	20.5	28	35.0	6	20	0.300	18.30	35.79
32-5M-15	32	6F	St	50.93	49.79	54	20.5	28	38.0	8	22	0.350	19.80	38.73
36-5M-15	36	6F	St	57.30	56.16	60	20.5	28	38.0	8	22	0.426	21.00	41.07
40-5M-15	40	6F	St	63.66	62.52	71	20.5	28	38.0	8	22	0.520	22.50	44.01
44-5M-15	44	6W	Al	70.03	68.89	—	20.5	30	38.0	8	22	0.225	26.40	51.63
48-5M-15	48	6W	Al	76.39	75.25	—	20.5	30	38.0	8	25	0.187	29.40	57.50
60-5M-15	60	6W	Al	95.49	94.35	—	20.5	30	50.0	8	25	0.305	36.30	71.00
72-5M-15	72	6W	Al	114.59	113.45	—	20.5	30	50.0	8	25	0.375	43.50	85.08

**Section 5M – Pitch 5 mm for belt width 25 mm**

12-5M-25	12	6F	St	19.10	17.96	25	30	36	13.0	4	7	0.050	12.30	24.06
14-5M-25	14	6F	St	22.28	21.14	25	30	36	14.0	6	8	0.070	13.20	25.82
15-5M-25	15	6F	St	23.87	22.73	28	30	36	16.0	6	10	0.080	13.80	26.99
16-5M-25	16	6F	St	25.46	24.32	28	30	36	16.5	6	10	0.100	14.40	28.16
18-5M-25	18	6F	St	28.65	27.51	32	30	36	20.0	6	12	0.120	15.00	29.34
20-5M-25	20	6F	St	31.83	30.69	36	30	36	23.0	6	14	0.160	15.60	30.51
21-5M-25	21	6F	St	33.42	32.28	38	30	38	24.0	6	14	0.190	16.50	32.27
22-5M-25	22	6F	St	35.01	33.87	38	30	38	25.5	6	14	0.210	17.40	34.03
24-5M-25	24	6F	St	38.20	37.06	42	30	38	27.0	6	16	0.250	18.90	36.97
26-5M-25	26	6F	St	41.38	40.24	44	30	38	30.0	6	18	0.300	20.40	39.90
28-5M-25	28	6F	St	44.56	43.42	48	30	38	30.5	6	18	0.350	21.60	42.25
30-5M-25	30	6F	St	47.75	46.61	51	30	38	35.0	6	20	0.420	23.70	46.35
32-5M-25	32	6F	St	50.93	49.79	54	30	38	38.0	8	22	0.480	25.50	49.87
36-5M-25	36	6F	St	57.30	56.16	60	30	38	38.0	8	22	0.590	27.00	52.81
40-5M-25	40	6F	St	63.66	62.52	71	30	38	38.0	8	22	0.740	30.90	60.44
44-5M-25	44	6W	Al	70.03	68.89	—	30	40	38.0	8	22	0.320	37.20	72.76
48-5M-25	48	6W	Al	76.39	75.25	—	30	40	38.0	8	25	0.275	40.20	78.62
60-5M-25	60	6W	Al	95.49	94.35	—	30	40	50.0	8	25	0.435	50.10	97.99
72-5M-25	72	6W	Al	114.59	113.45	—	30	40	50.0	8	25	0.525	59.70	116.76

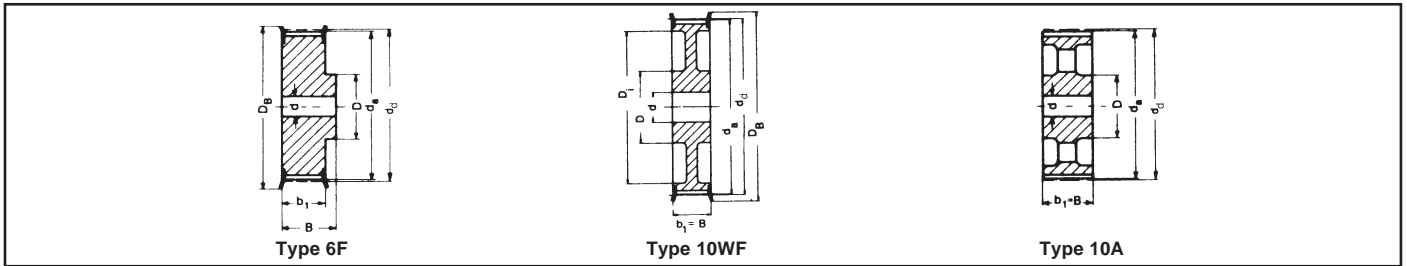


**Section 8M – Pitch 8 mm for belt width 20 mm**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	D (mm)	D <sub>i</sub> (mm)	Pilot bore d (mm)	Finished bore d <sub>max</sub> (mm)	Weight (= kg)	Euro each	DM each
22-8M-20	22	6F	St	56.02	54.65	60.0	28	38	43	—	12	30	0.54	20.10	39.31
24-8M-20	24	6F	St	61.12	59.75	66.0	28	38	45	—	12	30	0.65	21.60	42.25
26-8M-20	26	6F	St	66.21	64.84	71.0	28	38	50	—	12	35	0.80	23.10	45.18
28-8M-20	28	6F	St	71.30	70.08	75.0	28	38	50	—	15	35	0.87	24.60	48.11
30-8M-20	30	6F	St	76.39	75.13	83.0	28	38	55	—	15	35	1.02	26.10	51.05
32-8M-20	32	6F	St	81.49	80.16	87.0	28	38	60	—	15	40	1.20	28.50	55.74
34-8M-20	34	6F	St	86.58	85.22	91.0	28	38	70	—	15	45	1.40	30.30	59.26
36-8M-20	36	6F	St	91.67	90.30	98.5	28	38	70	—	15	45	1.55	31.80	62.20
38-8M-20	38	6F	St	96.77	95.39	103.0	28	38	75	—	15	45	1.65	34.20	66.89
40-8M-20	40	6F	GG	101.86	100.49	106.0	28	38	75	—	15	45	1.80	37.20	72.76
44-8M-20	44	6F	GG	112.05	110.67	119.0	28	38	75	—	15	45	2.10	43.50	85.08
48-8M-20	48	6F	GG	122.23	120.86	127.0	28	38	75	—	15	45	2.44	47.70	93.29
56-8M-20	56	6WF	GG	142.60	141.23	148.0	28	38	80	117	15	45	2.60	61.80	120.87
64-8M-20	64	6WF	GG	162.97	161.60	168.0	28	38	80	137	15	45	2.90	72.60	141.99
72-8M-20	72	6WF	GG	183.35	181.97	192.0	28	38	80	158	15	45	3.10	81.60	159.60
80-8M-20	80	6A	GG	203.72	202.35	—	28	38	90	180	15	50	3.80	86.40	168.98
90-8M-20	90	6A	GG	229.18	227.81	—	28	38	90	204	15	50	4.20	101.00	197.54
112-8M-20	112	6A	GG	285.21	283.83	—	28	38	90	260	18	50	5.20	131.00	256.21
144-8M-20	144	6A	GG	366.69	365.32	—	28	38	90	341	20	50	7.50	166.00	324.67
168-8M-20	168	6A	GG	427.81	426.44	—	28	38	100	402	20	55	10.00	251.00	490.91
192-8M-20	192	6A	GG	488.92	487.55	—	28	38	100	463	20	55	14.40	304.00	594.57

**Section 8M – Pitch 8 mm for belt width 30 mm**

22-8M-30	22	6F	St	56.02	54.65	60.0	38	48	43	—	12	30	0.69	23.10	45.18
24-8M-30	24	6F	St	61.12	59.75	66.0	38	48	45	—	12	30	0.84	24.60	48.11
26-8M-30	26	6F	St	66.21	64.84	71.0	38	48	50	—	12	35	1.00	26.40	51.63
28-8M-30	28	6F	St	71.30	70.08	75.0	38	48	50	—	15	35	1.12	28.80	56.33
30-8M-30	30	6F	St	76.39	75.13	83.0	38	48	55	—	15	35	1.32	31.20	61.02
32-8M-30	32	6F	St	81.49	80.16	87.0	38	48	60	—	15	40	1.50	33.00	64.54
34-8M-30	34	6F	St	86.58	85.22	91.0	38	48	70	—	15	45	1.80	34.80	68.06
36-8M-30	36	6F	St	91.67	90.30	98.5	38	48	70	—	15	45	1.99	37.20	72.76
38-8M-30	38	6F	St	96.77	95.39	103.0	38	48	75	—	15	45	2.27	39.90	78.04
40-8M-30	40	6F	GG	101.86	100.49	106.0	38	48	75	—	15	45	2.40	43.50	85.08
44-8M-30	44	6F	GG	112.05	110.67	119.0	38	48	75	—	15	45	2.80	49.80	97.40
48-8M-30	48	6F	GG	122.23	120.86	127.0	38	48	75	—	15	45	3.20	55.50	108.55
56-8M-30	56	6WF	GG	142.60	141.23	148.0	38	48	90	117	15	50	3.60	73.50	143.75
64-8M-30	64	6WF	GG	162.97	161.60	168.0	38	48	90	137	15	50	4.30	83.40	163.12
72-8M-30	72	6WF	GG	183.35	181.97	192.0	38	48	95	158	15	50	4.80	92.70	181.31
80-8M-30	80	6A	GG	203.72	202.35	—	38	48	100	180	15	55	5.10	107.00	209.27
90-8M-30	90	6A	GG	229.18	227.81	—	38	48	100	204	15	55	5.70	119.00	232.74
112-8M-30	112	6A	GG	285.21	283.83	—	38	48	100	260	18	55	6.80	135.00	264.04
144-8M-30	144	6A	GG	366.69	365.32	—	38	48	100	341	20	55	9.30	170.00	332.49
168-8M-30	168	6A	GG	427.81	426.44	—	38	48	100	402	20	55	11.40	255.00	498.74
192-8M-30	192	6A	GG	488.92	487.55	—	38	48	100	463	20	55	16.00	309.00	604.35

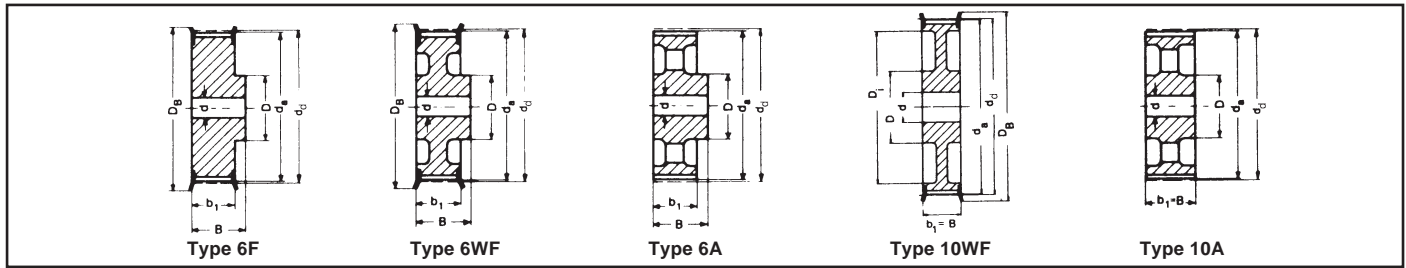


**Section 8M – Pitch 8 mm for belt width 50 mm**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	D (mm)	D <sub>i</sub> (mm)	Pilot bore d (mm)	Finished bore d <sub>max</sub> (mm)	Weight (= kg)	Euro each	DM each
22-8M-50	22	6F	St	56.02	54.65	60.0	60	70	43	—	12	30	1.00	30.30	59.26
24-8M-50	24	6F	St	61.12	59.75	66.0	60	70	45	—	12	30	1.20	31.50	61.61
26-8M-50	26	6F	St	66.21	64.84	71.0	60	70	50	—	12	35	1.50	34.50	67.48
28-8M-50	28	6F	St	71.30	70.08	75.0	60	70	50	—	15	35	1.67	38.10	74.52
30-8M-50	30	6F	St	76.39	75.13	83.0	60	70	55	—	15	35	1.97	39.90	78.04
32-8M-50	32	6F	St	81.49	80.16	87.0	60	70	60	—	15	40	2.27	43.50	85.08
34-8M-50	34	6F	St	86.58	85.22	91.0	60	70	70	—	15	45	2.69	45.90	89.77
36-8M-50	36	6F	St	91.67	90.30	98.5	60	70	70	—	15	45	2.97	49.20	96.23
38-8M-50	38	6F	St	96.77	95.39	103.0	60	70	75	—	15	45	3.23	53.10	103.85
40-8M-50	40	6F	GG	101.86	100.49	106.0	60	70	75	—	18	45	3.50	55.50	108.55
44-8M-50	44	6F	GG	112.05	110.67	119.0	60	70	75	—	18	45	3.90	64.80	126.74
48-8M-50	48	6F	GG	122.23	120.86	127.0	60	70	80	—	18	45	4.30	72.90	142.58
56-8M-50	56	10WF	GG	142.60	141.23	148.0	60	60	90	117	18	50	5.00	89.40	174.85
64-8M-50	64	10WF	GG	162.97	161.60	168.0	60	60	100	137	18	55	5.60	105.00	205.36
72-8M-50	72	10WF	GG	183.35	181.97	192.0	60	60	100	158	18	55	6.80	111.00	217.10
80-8M-50	80	10A	GG	203.72	202.35	—	60	60	110	180	18	60	6.90	133.00	260.13
90-8M-50	90	10A	GG	229.18	227.81	—	60	60	110	204	18	60	8.60	155.00	303.15
112-8M-50	112	10A	GG	285.21	283.83	—	60	60	110	260	18	60	9.60	174.00	340.31
144-8M-50	144	10A	GG	366.69	365.32	—	60	60	110	341	20	60	13.80	237.00	463.53
168-8M-50	168	10A	GG	427.81	426.44	—	60	60	120	402	20	65	16.00	325.00	635.64
192-8M-50	192	10A	GG	488.92	487.55	—	60	60	130	463	20	70	22.40	417.00	815.58

**Section 8M – Pitch 8 mm for belt width 85 mm**

22-8M-85	22	6F	St	56.02	54.65	60.0	95	105	43	—	12	30	1.55	38.70	75.69
24-8M-85	24	6F	St	61.12	59.75	66.0	95	105	45	—	12	30	1.90	42.00	82.14
26-8M-85	26	6F	St	66.21	64.84	71.0	95	105	50	—	12	35	2.25	45.00	88.01
28-8M-85	28	6F	St	71.30	70.08	75.0	95	105	50	—	15	35	2.55	51.90	101.51
30-8M-85	30	6F	St	76.39	75.13	83.0	95	105	55	—	15	35	3.00	55.50	108.55
32-8M-85	32	6F	St	81.49	80.16	87.0	95	105	60	—	15	40	3.57	58.20	113.83
34-8M-85	34	6F	St	86.58	85.22	91.0	95	105	70	—	15	45	4.00	63.00	123.22
36-8M-85	36	6F	St	91.67	90.30	98.5	95	105	70	—	15	45	4.50	69.60	136.13
38-8M-85	38	6F	St	96.77	95.39	103.0	95	105	75	—	15	45	4.90	72.60	141.99
40-8M-85	40	6F	GG	101.86	100.49	106.0	95	105	75	—	18	45	5.20	80.10	156.66
44-8M-85	44	6F	GG	112.05	110.67	119.0	95	105	75	—	18	45	6.60	89.40	174.85
48-8M-85	48	6F	GG	122.23	120.86	127.0	95	105	80	—	18	45	7.60	102.00	199.49
56-8M-85	56	6F	GG	142.60	141.23	148.0	95	105	80	—	20	50	9.80	124.00	242.52
64-8M-85	64	10WF	GG	162.97	161.60	168.0	95	95	100	137	20	55	10.40	148.00	289.46
72-8M-85	72	10WF	GG	183.35	181.97	192.0	95	95	110	158	20	60	11.40	170.00	332.49
80-8M-85	80	10A	GG	203.72	202.35	—	95	95	110	180	20	60	11.10	181.00	354.01
90-8M-85	90	10A	GG	229.18	227.81	—	95	95	110	204	20	60	13.20	212.00	414.64
112-8M-85	112	10A	GG	285.21	283.83	—	95	95	110	260	24	60	16.30	266.00	520.25
144-8M-85*	144	10A	GG	366.69	365.32	—	95	95	120	341	24	65	21.50	398.00	778.42
168-8M-85*	168	10A	GG	427.81	426.44	—	95	95	120	402	24	65	26.10	427.00	835.14
192-8M-85*	192	10A	GG	488.92	487.55	—	95	95	130	463	24	70	30.60	540.00	1056.15

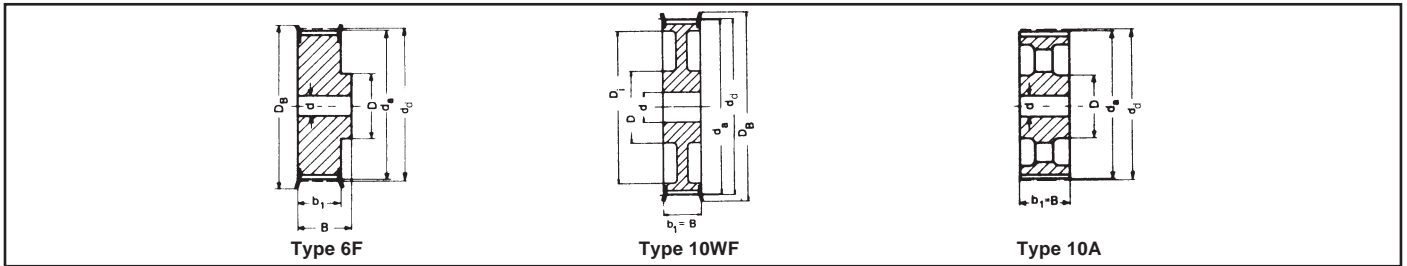


**Section 14M – Pitch 14 mm for belt width 40 mm**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	D (mm)	D <sub>i</sub> (mm)	Pilot bore d (mm)	Finished bore d <sub>max</sub> (mm)	Weight (= kg)	Euro each	DM each
28-14M-40	28	6F	GG	124.78	122.12	127	54	69	100	—	24	60	4.73	<b>76.50</b>	<b>149.62</b>
29-14M-40	29	6F	GG	129.23	126.57	138	54	69	100	—	24	60	5.09	<b>82.50</b>	<b>161.36</b>
30-14M-40	30	6F	GG	133.69	130.99	138	54	69	100	—	24	60	5.45	<b>87.90</b>	<b>171.92</b>
32-14M-40	32	6F	GG	142.60	139.88	154	54	69	100	—	24	70	6.17	<b>94.20</b>	<b>184.24</b>
34-14M-40	34	6F	GG	151.52	148.79	160	54	69	100	—	24	70	6.88	<b>105.00</b>	<b>205.36</b>
36-14M-40	36	6F	GG	160.43	157.68	168	54	69	100	—	24	70	7.60	<b>114.00</b>	<b>222.96</b>
38-14M-40	38	6F	GG	169.34	166.60	183	54	69	120	—	24	70	8.28	<b>117.00</b>	<b>228.83</b>
40-14M-40	40	6F	GG	178.25	175.49	188	54	69	120	—	24	70	9.26	<b>132.00</b>	<b>258.17</b>
44-14M-40	44	6F	GG	196.08	193.28	211	54	69	120	—	24	70	10.32	<b>142.00</b>	<b>277.73</b>
48-14M-40	48	6WF	GG	213.90	211.11	226	54	69	135	172	24	70	11.50	<b>170.00</b>	<b>332.49</b>
56-14M-40	56	6WF	GG	249.55	246.76	256	54	69	135	207	28	70	13.05	<b>193.00</b>	<b>377.48</b>
64-14M-40	64	6WF	GG	285.21	282.41	296	54	69	135	242	28	70	14.40	<b>232.00</b>	<b>453.75</b>
72-14M-40	72	6A	GG	320.86	318.06	—	54	69	135	278	28	70	16.90	<b>240.00</b>	<b>469.40</b>
80-14M-40	80	6A	GG	356.51	353.71	—	54	69	135	314	28	70	18.50	<b>247.00</b>	<b>483.09</b>
90-14M-40	90	6A	GG	401.07	398.28	—	54	69	135	358	28	70	20.00	<b>278.00</b>	<b>543.72</b>
112-14M-40*	112	6A	GG	499.11	496.32	—	54	69	135	456	28	70	26.70	<b>340.00</b>	<b>664.98</b>
144-14M-40*	144	6A	GG	641.71	638.92	—	54	69	135	600	28	70	35.00	<b>508.00</b>	<b>993.56</b>
168-14M-40*	168	6A	GG	748.66	745.87	—	54	69	135	706	28	70	44.20	<b>669.00</b>	<b>1308.45</b>
192-14M-40*	192	6A	GG	855.62	852.82	—	54	69	135	813	28	70	52.20	<b>857.00</b>	<b>1676.15</b>
216-14M-40*	216	6A	GG	962.57	959.77	—	54	69	150	920	28	80	60.00	<b>990.00</b>	<b>1936.27</b>

**Section 14M – Pitch 14 mm for belt width 55 mm**

28-14M-55	28	6F	GG	124.78	122.12	127	70	85	100	—	24	60	5.60	<b>95.70</b>	<b>187.17</b>
29-14M-55	29	6F	GG	129.23	126.57	138	70	85	100	—	24	60	6.10	<b>99.90</b>	<b>195.39</b>
30-14M-55	30	6F	GG	133.69	130.99	138	70	85	100	—	24	60	6.60	<b>104.00</b>	<b>203.41</b>
32-14M-55	32	6F	GG	142.60	139.88	154	70	85	100	—	24	70	7.60	<b>111.00</b>	<b>217.10</b>
34-14M-55	34	6F	GG	151.52	148.79	160	70	85	100	—	24	70	8.60	<b>119.00</b>	<b>232.74</b>
36-14M-55	36	6F	GG	160.43	157.68	168	70	85	100	—	24	70	9.60	<b>130.00</b>	<b>254.26</b>
38-14M-55	38	6F	GG	169.34	166.60	183	70	85	120	—	24	70	10.80	<b>139.00</b>	<b>271.86</b>
40-14M-55	40	6F	GG	178.25	175.49	188	70	85	120	—	24	70	11.20	<b>150.00</b>	<b>293.37</b>
44-14M-55	44	6F	GG	196.08	193.28	211	70	85	120	—	24	70	12.50	<b>164.00</b>	<b>320.76</b>
48-14M-55	48	10WF	GG	213.90	211.11	226	70	70	135	172	24	70	13.70	<b>197.00</b>	<b>385.30</b>
56-14M-55	56	10WF	GG	249.55	246.76	256	70	70	135	207	28	70	14.50	<b>223.00</b>	<b>436.15</b>
64-14M-55	64	10WF	GG	285.21	282.41	296	70	70	135	242	28	70	15.60	<b>264.00</b>	<b>516.34</b>
72-14M-55	72	10A	GG	320.86	318.06	—	70	70	135	278	28	70	18.50	<b>270.00</b>	<b>528.07</b>
80-14M-55	80	10A	GG	356.51	353.71	—	70	70	135	314	28	70	20.00	<b>294.00</b>	<b>575.01</b>
90-14M-55	90	10A	GG	401.07	398.28	—	70	70	135	358	28	70	22.60	<b>334.00</b>	<b>653.25</b>
112-14M-55*	112	10A	GG	499.11	496.32	—	70	70	135	456	28	70	29.50	<b>411.00</b>	<b>803.85</b>
144-14M-55*	144	10A	GG	641.71	638.92	—	70	70	135	600	28	70	39.00	<b>618.00</b>	<b>1208.70</b>
168-14M-55*	168	10A	GG	748.66	745.87	—	70	70	135	706	28	70	48.50	<b>803.00</b>	<b>1570.53</b>
192-14M-55*	192	10A	GG	855.62	852.82	—	70	70	135	813	28	70	57.80	<b>958.00</b>	<b>1873.69</b>
216-14M-55*	216	10A	GG	962.57	959.77	—	70	70	150	920	28	80	67.00	<b>1168.00</b>	<b>2284.41</b>



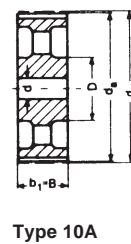
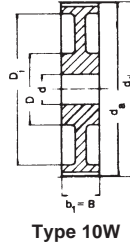
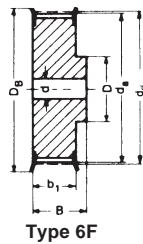
**Section 14M – Pitch 14 mm for belt width 85 mm**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	D (mm)	D <sub>i</sub> (mm)	Pilot bore d (mm)	Finished bore d <sub>max</sub> (mm)	Weight (= kg)	Euro each	DM each
28-14M-85	28	6F	GG	124.78	122.12	127	102	117	100	—	24	60	7.70	117.00	228.83
29-14M-85	29	6F	GG	129.23	126.57	138	102	117	100	—	24	60	8.40	123.00	240.57
30-14M-85	30	6F	GG	133.69	130.99	138	102	117	100	—	24	60	9.10	127.00	248.39
32-14M-85	32	6F	GG	142.60	139.88	154	102	117	100	—	24	60	10.50	141.00	275.77
34-14M-85	34	6F	GG	151.52	148.79	160	102	117	100	—	24	70	11.90	158.00	309.02
36-14M-85	36	6F	GG	160.43	157.68	168	102	117	100	—	32	70	13.20	173.00	338.36
38-14M-85	38	6F	GG	169.34	166.60	183	102	117	120	—	32	70	15.15	187.00	365.74
40-14M-85	40	6F	GG	178.25	175.49	188	102	117	135	—	32	70	17.10	201.00	393.12
44-14M-85	44	6F	GG	196.08	193.28	211	102	117	135	—	32	70	23.30	232.00	453.75
48-14M-85	48	6F	GG	213.90	211.11	226	102	117	150	—	32	80	25.00	263.00	514.38
56-14M-85	56	10WF	GG	249.55	246.76	256	102	102	150	207	32	80	25.00	306.00	598.48
64-14M-85	64	10WF	GG	285.21	282.41	296	102	102	150	242	32	80	28.20	356.00	696.28
72-14M-85	72	10A	GG	320.86	318.06	—	102	102	150	278	32	80	28.80	365.00	713.88
80-14M-85	80	10A	GG	356.51	353.71	—	102	102	150	314	32	80	30.10	402.00	786.24
90-14M-85	90	10A	GG	401.07	398.28	—	102	102	150	358	32	80	33.00	448.00	876.21
112-14M-85*	112	10A	GG	499.11	496.32	—	102	102	150	456	32	80	41.80	550.00	1075.71
144-14M-85*	144	10A	GG	641.71	638.92	—	102	102	150	600	32	80	52.40	788.00	1541.19
168-14M-85*	168	10A	GG	748.66	745.87	—	102	102	150	706	32	80	60.30	1051.00	2055.58
192-14M-85*	192	10A	GG	855.62	852.82	—	102	102	165	813	32	90	70.20	1251.00	2446.74
216-14M-85*	216	10A	GG	962.57	959.77	—	102	102	165	920	32	90	81.00	1539.00	3010.02

**Section 14M – Pitch 14 mm for belt width 115 mm**

28-14M-115	28	6F	GG	124.78	122.12	127	133	148	100	—	32	60	9.20	147.00	287.51
29-14M-115	29	6F	GG	129.23	126.57	138	133	148	100	—	32	60	10.20	157.00	307.07
30-14M-115	30	6F	GG	133.69	130.99	138	133	148	100	—	32	60	11.20	164.00	320.76
32-14M-115	32	6F	GG	142.60	139.88	154	133	148	100	—	32	60	13.20	178.00	348.14
34-14M-115	34	6F	GG	151.52	148.79	160	133	148	100	—	32	70	14.80	201.00	393.12
36-14M-115	36	6F	GG	160.43	157.68	168	133	148	120	—	32	70	16.60	224.00	438.11
38-14M-115	38	6F	GG	169.34	166.60	183	133	148	120	—	32	70	19.20	240.00	469.40
40-14M-115	40	6F	GG	178.25	175.49	188	133	148	135	—	32	70	22.10	253.00	494.82
44-14M-115	44	6F	GG	196.08	193.28	211	133	148	140	—	32	80	28.00	294.00	575.01
48-14M-115	48	6F	GG	213.90	211.11	226	133	148	150	—	32	80	35.00	327.00	639.56
56-14M-115	56	6F	GG	249.55	246.76	256	133	148	150	—	32	80	44.20	396.00	774.51
64-14M-115	64	10WF	GG	285.21	282.41	296	133	133	150	242	32	80	36.80	451.00	882.08
72-14M-115	72	10A	GG	320.86	318.06	—	133	133	150	278	32	80	36.10	494.00	966.18
80-14M-115	80	10A	GG	356.51	353.71	—	133	133	150	314	32	80	38.60	550.00	1075.71
90-14M-115	90	10A	GG	401.07	398.28	—	133	133	150	358	32	80	41.00	624.00	1220.44
112-14M-115*	112	10A	GG	499.11	496.32	—	133	133	150	456	32	80	54.40	754.00	1474.70
144-14M-115*	144	10A	GG	641.71	638.92	—	133	133	165	600	32	90	67.80	1128.00	2206.18
168-14M-115*	168	10A	GG	748.66	745.87	—	133	133	165	706	32	90	75.80	1298.00	2538.67
192-14M-115*	192	10A	GG	855.62	852.82	—	133	133	165	813	32	90	88.30	1530.00	2992.42
216-14M-115*	216	10A	GG	962.57	959.77	—	133	133	165	920	32	90	98.00	1802.00	3524.41



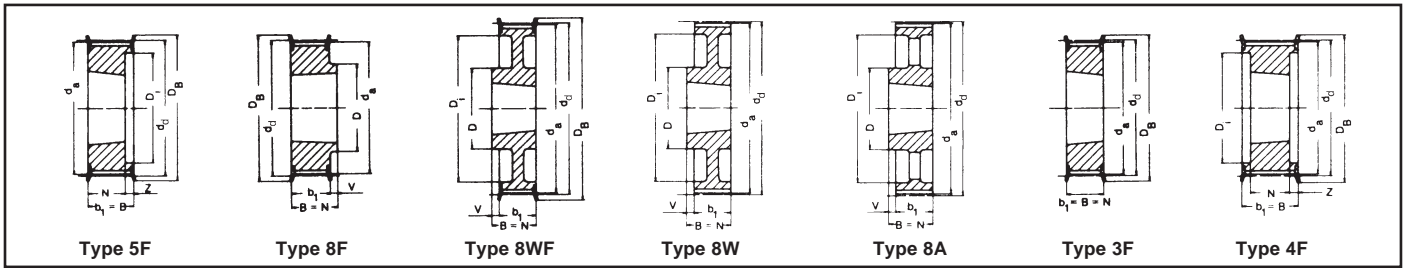


**Section 14M – Pitch 14 mm for belt width 170 mm**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	D (mm)	D <sub>i</sub> (mm)	Pilot bore d (mm)	Finished bore d <sub>max</sub> (mm)	Weight (= kg)	Euro each	DM each
28-14M-170*	28	6F	GG	124.78	122.12	127	187	202	100	—	32	60	13.80	<b>189.00</b>	<b>369.65</b>
29-14M-170*	29	6F	GG	129.23	126.57	138	187	202	100	—	32	60	14.20	<b>212.00</b>	<b>414.64</b>
30-14M-170*	30	6F	GG	133.69	130.99	138	187	202	100	—	32	60	15.60	<b>216.00</b>	<b>422.46</b>
32-14M-170*	32	6F	GG	142.60	139.88	154	187	202	100	—	32	60	18.10	<b>244.00</b>	<b>477.22</b>
34-14M-170*	34	6F	GG	151.52	148.79	160	187	202	100	—	32	60	20.40	<b>288.00</b>	<b>563.28</b>
36-14M-170*	36	6F	GG	160.43	157.68	168	187	202	120	—	32	70	23.50	<b>318.00</b>	<b>621.95</b>
38-14M-170*	38	6F	GG	169.34	166.60	183	187	202	135	—	32	70	26.50	<b>334.00</b>	<b>653.25</b>
40-14M-170*	40	6F	GG	178.25	175.49	188	187	202	140	—	32	85	30.10	<b>356.00</b>	<b>696.28</b>
44-14M-170*	44	6F	GG	196.08	193.28	211	187	202	160	—	32	85	37.80	<b>389.00</b>	<b>760.82</b>
48-14M-170*	48	6F	GG	213.90	211.11	226	187	202	160	—	32	85	44.50	<b>467.00</b>	<b>913.37</b>
56-14M-170*	56	6F	GG	249.55	246.76	256	187	202	160	—	32	85	61.00	<b>581.00</b>	<b>1136.34</b>
64-14M-170*	64	6F	GG	285.21	282.41	296	187	202	180	—	32	100	81.00	<b>638.00</b>	<b>1247.82</b>
72-14M-170*	72	10W	GG	320.86	318.06	—	187	187	180	278	32	100	61.40	<b>679.00</b>	<b>1328.01</b>
80-14M-170*	80	10W	GG	356.51	353.71	—	187	187	180	314	32	100	65.00	<b>896.00</b>	<b>1752.42</b>
90-14M-170*	90	10A	GG	401.07	398.28	—	187	187	180	358	38	100	68.00	<b>643.00</b>	<b>1257.60</b>
112-14M-170*	112	10A	GG	499.11	496.32	—	187	187	200	456	38	110	87.50	<b>1143.00</b>	<b>2235.51</b>
144-14M-170*	144	10A	GG	641.71	638.92	—	187	187	220	600	38	120	114.80	<b>1436.00</b>	<b>2808.57</b>
168-14M-170*	168	10A	GG	748.66	745.87	—	187	187	220	706	38	120	125.00	<b>1711.00</b>	<b>3346.43</b>
192-14M-170*	192	10A	GG	855.62	852.82	—	187	187	220	813	38	120	136.40	<b>1883.00</b>	<b>3682.83</b>
216-14M-170*	216	10A	GG	962.57	959.77	—	187	187	220	920	38	120	147.00	<b>2382.00</b>	<b>4658.79</b>

HTD® Pulleys section 20M on request.





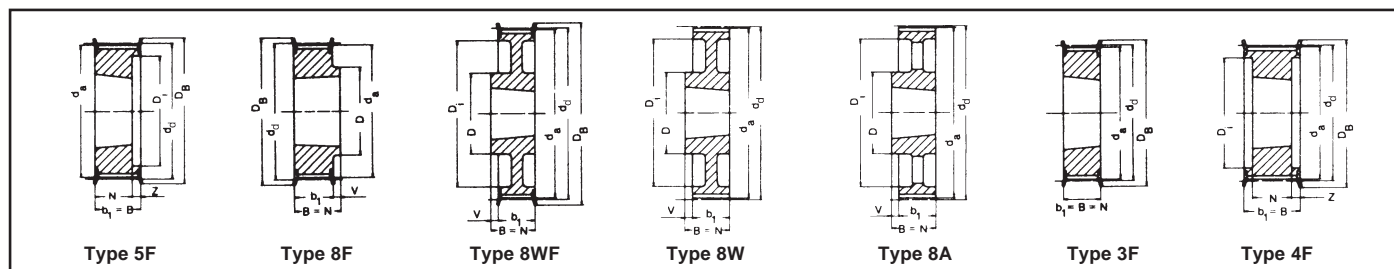
Section 5M – Pitch 5 mm for belt width 15 mm																	
Part No.	No. of teeth	Type	Material	$d_d$ (mm)	$d_a$ (mm)	$D_B$ (mm)	$b_1$ (mm)	B (mm)	N (mm)	V (mm)	Z (mm)	D (mm)	$D_1$ (mm)	Taper bush	Weight without bush (= kg)	Euro/each without bush	DM/each without bush
TB 34-5M-15	34	8F	St	54.11	52.97	57.0	20.5	22	22	1.5	—	43	—	1008	0.190	<b>28.80</b>	<b>56.33</b>
TB 36-5M-15	36	8F	St	57.30	56.16	60.0	20.5	22	22	1.5	—	44	—	1108	0.200	<b>29.70</b>	<b>58.09</b>
TB 38-5M-15	38	8F	St	69.48	59.34	66.0	20.5	22	22	1.5	—	48	—	1108	0.250	<b>31.80</b>	<b>62.20</b>
TB 40-5M-15	40	8F	St	63.66	62.52	71.0	20.5	22	22	1.5	—	52	—	1108	0.310	<b>34.20</b>	<b>66.89</b>
TB 44-5M-15	44	8F	St	70.03	68.89	75.0	20.5	22	22	1.5	—	54	—	1108	0.400	<b>37.20</b>	<b>72.76</b>
TB 48-5M-15	48	8F	St	76.39	75.25	83.0	20.5	25	25	4.5	—	64	—	1210	0.450	<b>42.30</b>	<b>82.73</b>
TB 56-5M-15	56	8F	GG	89.13	87.99	93.0	20.5	25	25	4.5	—	70	—	1210	0.670	<b>46.20</b>	<b>90.36</b>
TB 64-5M-15	64	8F	GG	101.86	100.72	106.0	20.5	25	25	4.5	—	78	—	1210	0.960	<b>53.40</b>	<b>104.44</b>
TB 72-5M-15	72	8F	GG	114.59	113.45	119.0	20.5	25	25	4.5	—	90	—	1610	1.190	<b>56.40</b>	<b>110.31</b>
TB 80-5M-15	80	8F	GG	127.32	126.18	135.0	20.5	25	25	4.5	—	92	—	1610	1.570	<b>60.90</b>	<b>119.11</b>
TB 90-5M-15	90	7A	GG	143.24	142.10	—	20.5	25	25	2.3	—	92	—	1610	1.147	<b>63.00</b>	<b>123.22</b>
TB 112-5M-15	112	7A	GG	178.25	177.11	—	20.5	25	25	2.3	—	92	—	1610	1.940	<b>72.90</b>	<b>142.58</b>
TB 136-5M-15	136	7A	GG	216.45	215.31	—	20.5	32	32	5.8	—	106	—	2012	3.060	<b>87.90</b>	<b>171.92</b>
TB 150-5M-15	150	7A	GG	238.73	237.59	—	20.5	32	32	5.8	—	106	—	2012	3.900	<b>108.00</b>	<b>211.23</b>

Taper bush	1008	1108	1210	1610	2012
Bore $d_2$ (mm) from ... to ...	10-25	10-28	11-32	14-42	14-50
<b>Euro/each</b>	<b>5.70</b>	<b>6.50</b>	<b>8.60</b>	<b>10.30</b>	<b>12.60</b>
<b>DM/each</b>	<b>11.15</b>	<b>12.71</b>	<b>16.82</b>	<b>20.15</b>	<b>24.64</b>

GG = Cast iron  
St = Steel

We reserve the right to make technical changes

Bore diameters  $d_2$  see page 3



**Section 8M – Pitch 8 mm for belt width 20 mm**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	N (mm)	V (mm)	Z (mm)	D (mm)	D <sub>i</sub> (mm)	Taper bush	Weight without bush (≈ kg)	Euro/each without bush	DM/each without bush
TB 22-8M-20	22	5F	GG	56.02	54.65	60.0	28	28	22	—	6	—	41	1008	0.24	<b>29.10</b>	<b>56.91</b>
TB 24-8M-20	24	5F	GG	61.12	59.75	66.0	28	28	22	—	6	—	42	1108	0.30	<b>29.70</b>	<b>58.09</b>
TB 26-8M-20	26	5F	GG	66.21	64.84	71.0	28	28	22	—	6	—	46	1108	0.36	<b>30.90</b>	<b>60.44</b>
TB 28-8M-20	28	5F	GG	71.30	70.08	75.0	28	28	22	—	6	—	50	1108	0.44	<b>31.20</b>	<b>61.02</b>
TB 30-8M-20	30	5F	GG	76.39	75.13	83.0	28	28	22	—	6	—	58	1108	0.53	<b>32.40</b>	<b>63.37</b>
TB 32-8M-20	32	5F	GG	81.49	80.16	87.0	28	28	25	—	3	—	62	1610	0.42	<b>33.30</b>	<b>65.13</b>
TB 34-8M-20	34	5F	GG	86.58	85.22	91.0	28	28	25	—	3	—	65	1610	0.55	<b>35.40</b>	<b>69.24</b>
TB 36-8M-20	36	5F	GG	91.67	90.30	98.5	28	28	25	—	3	—	68	1610	0.68	<b>36.90</b>	<b>72.17</b>
TB 38-8M-20	38	5F	GG	96.77	95.39	103.0	28	28	25	—	3	—	72	1610	0.80	<b>38.70</b>	<b>75.69</b>
TB 40-8M-20	40	5F	GG	101.86	100.49	106.0	28	28	25	—	3	—	76	1610	1.00	<b>42.00</b>	<b>82.14</b>
TB 44-8M-20	44	8F	GG	112.05	110.67	119.0	28	32	32	4	—	93	—	2012	1.20	<b>47.10</b>	<b>92.12</b>
TB 48-8M-20	48	8F	GG	122.23	120.86	127.0	28	32	32	4	—	96	—	2012	1.60	<b>53.40</b>	<b>104.44</b>
TB 56-8M-20	56	8F	GG	142.60	141.23	148.0	28	32	32	4	—	110	—	2012	2.40	<b>63.30</b>	<b>123.80</b>
TB 64-8M-20	64	8WF	GG	162.97	161.60	168.0	28	32	32	4	—	110	137	2012	2.70	<b>78.60</b>	<b>153.73</b>
TB 72-8M-20	72	8WF	GG	183.35	181.97	192.0	28	32	32	4	—	110	158	2012	3.30	<b>92.70</b>	<b>181.31</b>
TB 80-8M-20	80	8W	GG	203.72	202.35	—	28	32	32	4	—	110	180	2012	3.50	<b>105.00</b>	<b>205.36</b>
TB 90-8M-20	90	8A	GG	229.18	227.81	—	28	32	32	4	—	110	204	2012	3.65	<b>117.00</b>	<b>228.83</b>

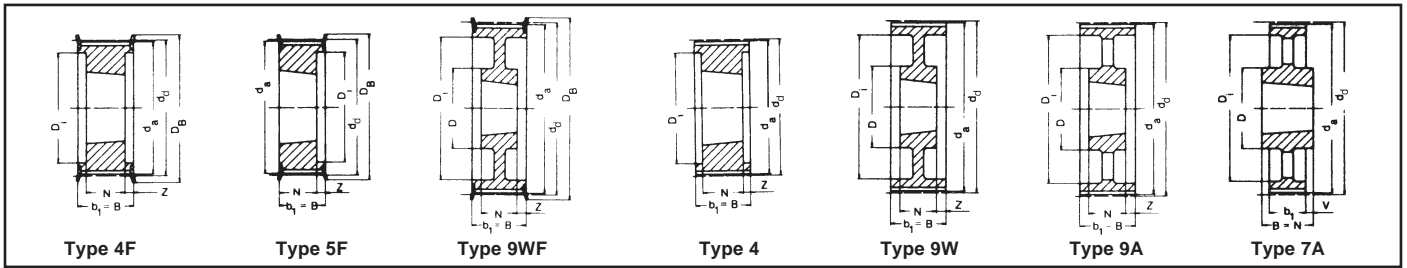
**Section 8M – Pitch 8 mm for belt width 30 mm**

TB 22-8M-30	22	5F	GG	56.02	54.65	60.0	38	38	22	—	16	—	41	1008	0.29	<b>32.40</b>	<b>63.37</b>
TB 24-8M-30	24	5F	GG	61.12	59.75	66.0	38	38	22	—	16	—	42	1108	0.38	<b>33.00</b>	<b>64.54</b>
TB 26-8M-30	26	5F	GG	66.21	64.84	71.0	38	38	22	—	16	—	46	1108	0.45	<b>34.50</b>	<b>67.48</b>
TB 28-8M-30	28	5F	GG	71.30	70.08	75.0	38	38	22	—	16	—	50	1210	0.50	<b>35.70</b>	<b>69.82</b>
TB 30-8M-30	30	3F	GG	76.39	75.13	83.0	38	38	38	—	—	—	—	1615	0.45	<b>36.60</b>	<b>71.58</b>
TB 32-8M-30	32	3F	GG	81.49	80.16	87.0	38	38	38	—	—	—	—	1615	0.59	<b>37.50</b>	<b>73.34</b>
TB 34-8M-30	34	3F	GG	86.58	85.22	91.0	38	38	38	—	—	—	—	1615	0.77	<b>39.60</b>	<b>77.45</b>
TB 36-8M-30	36	3F	GG	91.67	90.30	98.5	38	38	38	—	—	—	—	1615	0.96	<b>41.10</b>	<b>80.38</b>
TB 38-8M-30	38	3F	GG	96.77	95.39	103.0	38	38	38	—	—	—	—	1615	1.15	<b>44.70</b>	<b>87.43</b>
TB 40-8M-30	40	3F	GG	101.86	100.49	106.0	38	38	38	—	—	—	—	1615	1.34	<b>47.10</b>	<b>92.12</b>
TB 44-8M-30	44	4F	GG	112.05	110.67	119.0	38	38	32	—	3	—	91	2012	1.33	<b>54.00</b>	<b>105.61</b>
TB 48-8M-30	48	4F	GG	122.23	120.86	127.0	38	38	32	—	3	—	95	2012	1.78	<b>60.30</b>	<b>117.94</b>
TB 56-8M-30	56	4F	GG	142.60	141.23	148.0	38	38	32	—	3	—	117	2012	3.76	<b>74.40</b>	<b>145.51</b>
TB 64-8M-30	64	8F	GG	162.97	161.60	168.0	38	45	45	7	—	125	—	2517	4.20	<b>88.80</b>	<b>173.68</b>
TB 72-8M-30	72	8WF	GG	183.35	181.97	192.0	38	45	45	7	—	125	158	2517	4.30	<b>108.00</b>	<b>211.23</b>
TB 80-8M-30	80	8W	GG	203.72	202.35	—	38	45	45	7	—	125	180	2517	4.60	<b>120.00</b>	<b>234.70</b>
TB 90-8M-30	90	8A	GG	229.18	227.81	—	38	45	45	7	—	125	204	2517	5.00	<b>138.00</b>	<b>269.90</b>
TB 112-8M-30	112	8A	GG	285.21	283.83	—	38	45	45	7	—	125	260	2517	6.20	<b>167.00</b>	<b>326.62</b>
TB 144-8M-30	144	8A	GG	366.69	365.32	—	38	45	45	7	—	125	341	2517	9.00	<b>221.00</b>	<b>432.24</b>

Taper bush	1008	1108	1210	1610	1615	2012	2517
Bore d <sub>2</sub> (mm) from ... to ...	10-25	10-28	11-32	14-42	14-42	14-50	16-60
<b>Euro/each</b>	<b>5.70</b>	<b>6.50</b>	<b>8.60</b>	<b>10.30</b>	<b>10.70</b>	<b>12.60</b>	<b>15.80</b>
<b>DM/each</b>	<b>11.15</b>	<b>12.71</b>	<b>16.82</b>	<b>20.15</b>	<b>20.93</b>	<b>24.64</b>	<b>30.90</b>

GG = Cast iron  
We reserve the right to make technical changes

Bore diameters d<sub>2</sub> see page 3



**Section 8M – Pitch 8 mm for belt width 50 mm**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	N (mm)	V (mm)	Z (mm)	D (mm)	D <sub>1</sub> (mm)	Taper bush	Weight without bush (= kg)	Euro/each without bush	DM/each without bush
TB 28-8M-50	28	5F	GG	71.30	70.08	75.0	60	60	22	—	35.0	—	50	1210	0.60	<b>41.70</b>	<b>81.56</b>
TB 30-8M-50	30	5F	GG	76.39	75.13	83.0	60	60	38	—	22.0	—	58	1615	0.65	<b>44.70</b>	<b>87.43</b>
TB 32-8M-50	32	5F	GG	81.49	80.16	87.0	60	60	38	—	22.0	—	62	1615	0.82	<b>47.70</b>	<b>93.29</b>
TB 34-8M-50	34	5F	GG	86.58	85.22	91.0	60	60	38	—	22.0	—	65	1615	1.06	<b>51.00</b>	<b>99.75</b>
TB 36-8M-50	36	5F	GG	91.67	90.30	98.5	60	60	38	—	22.0	—	68	1615	1.30	<b>54.60</b>	<b>106.79</b>
TB 38-8M-50	38	5F	GG	96.77	95.39	103.0	60	60	38	—	22.0	—	72	1615	1.60	<b>58.80</b>	<b>115.00</b>
TB 40-8M-50	40	4F	GG	101.86	100.49	106.0	60	60	32	—	14.0	—	82	2012	1.71	<b>61.80</b>	<b>120.87</b>
TB 44-8M-50	44	4F	GG	112.05	110.67	119.0	60	60	32	—	14.0	—	91	2012	1.78	<b>71.10</b>	<b>139.06</b>
TB 48-8M-50	48	4F	GG	122.23	120.86	127.0	60	60	32	—	14.0	—	95	2012	2.30	<b>78.60</b>	<b>153.73</b>
TB 56-8M-50	56	4F	GG	142.60	141.23	148.0	60	60	45	—	7.5	—	116	2517	3.40	<b>95.70</b>	<b>187.17</b>
TB 64-8M-50	64	4F	GG	162.97	161.60	168.0	60	60	45	—	7.5	—	137	2517	5.00	<b>113.00</b>	<b>221.01</b>
TB 72-8M-50	72	9WF	GG	183.35	181.97	192.0	60	60	45	—	7.5	125	158	2517	6.70	<b>133.00</b>	<b>260.13</b>
TB 80-8M-50	80	4	GG	203.72	202.35	—	60	60	51	—	4.5	—	180	3020	8.80	<b>158.00</b>	<b>309.02</b>
TB 90-8M-50	90	9W	GG	229.18	227.81	—	60	60	51	—	4.5	170	204	3020	10.00	<b>179.00</b>	<b>350.09</b>
TB 112-8M-50	112	9W	GG	285.21	283.83	—	60	60	51	—	4.5	170	260	3020	12.00	<b>229.00</b>	<b>447.89</b>
TB 144-8M-50	144	9A	GG	366.69	365.32	—	60	60	51	—	4.5	170	341	3020	15.20	<b>309.00</b>	<b>604.35</b>
TB 168-8M-50	168	7A	GG	427.81	426.44	—	60	65	65	—	2.5	170	402	3525	16.40	<b>408.00</b>	<b>797.98</b>
TB 192-8M-50	192	7A	GG	488.92	487.55	—	60	65	65	—	2.5	170	460	3525	21.80	<b>494.00</b>	<b>966.18</b>

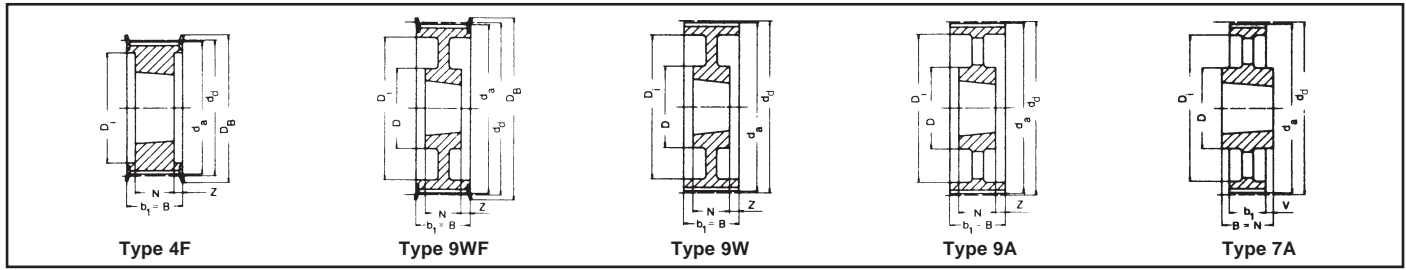
**Section 8M – Pitch 8 mm for belt width 85 mm**

TB 34-8M-85	34	4F	GG	86.58	85.22	91.0	95	95	38	—	28.5	—	65	1615	1.43	<b>68.10</b>	<b>133.19</b>
TB 36-8M-85	36	4F	GG	91.67	90.30	98.5	95	95	38	—	28.5	—	68	1615	1.87	<b>74.40</b>	<b>145.51</b>
TB 38-8M-85	38	4F	GG	96.77	95.39	103.0	95	95	38	—	28.5	—	72	1615	2.20	<b>78.60</b>	<b>153.73</b>
TB 40-8M-85	40	4F	GG	101.86	100.49	106.0	95	95	32	—	31.5	—	82	2012	1.78	<b>83.40</b>	<b>163.12</b>
TB 44-8M-85	44	4F	GG	112.05	110.67	119.0	95	95	32	—	31.5	—	91	2012	2.30	<b>92.70</b>	<b>181.31</b>
TB 48-8M-85	48	4F	GG	122.23	120.86	127.0	95	95	45	—	25.0	—	100	2517	2.66	<b>105.00</b>	<b>205.36</b>
TB 56-8M-85	56	4F	GG	142.60	141.23	148.0	95	95	45	—	25.0	—	117	2517	4.45	<b>128.00</b>	<b>250.35</b>
TB 64-8M-85	64	4F	GG	162.97	161.60	168.0	95	95	45	—	25.0	—	137	2517	6.20	<b>155.00</b>	<b>303.15</b>
TB 72-8M-85	72	4F	GG	183.35	181.97	192.0	95	95	51	—	22.0	—	158	3020	8.00	<b>186.00</b>	<b>363.78</b>
TB 80-8M-85	80	4	GG	203.72	202.35	—	95	95	51	—	22.0	—	180	3020	10.00	<b>201.00</b>	<b>393.12</b>
TB 90-8M-85	90	9W	GG	229.18	227.81	—	95	95	51	—	22.0	170	204	3020	10.80	<b>235.00</b>	<b>459.62</b>
TB 112-8M-85	112	9W	GG	285.21	283.83	—	95	95	51	—	22.0	170	260	3020	15.00	<b>303.00</b>	<b>592.62</b>
TB 144-8M-85	144	9A	GG	366.69	365.32	—	95	95	76	—	15.0	170	341	3525	20.00	<b>431.00</b>	<b>842.96</b>
TB 168-8M-85	168	9A	GG	427.81	426.44	—	95	95	76	—	15.0	170	402	3525	23.00	<b>546.00</b>	<b>1067.88</b>
TB 192-8M-85	192	9A	GG	488.92	487.55	—	95	95	76	—	15.0	170	460	3525	28.50	<b>621.00</b>	<b>1214.57</b>

Taper bush	1210	1615	2012	2517	3020	3525
Bore d <sub>2</sub> (mm) from ... to ...	11-32	14-42	14-50	16-60	25-75	35-90
<b>Euro/each</b>	<b>8.60</b>	<b>10.70</b>	<b>12.60</b>	<b>15.80</b>	<b>20.60</b>	<b>54.70</b>
<b>DM/each</b>	<b>16.82</b>	<b>20.93</b>	<b>24.64</b>	<b>30.90</b>	<b>40.29</b>	<b>106.98</b>

GG = Cast iron  
We reserve the right to make technical changes

Bore diameters d<sub>2</sub> see page 3



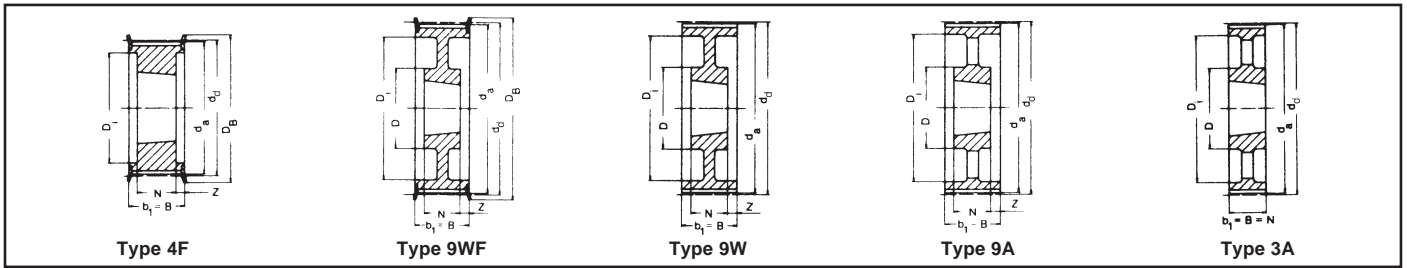
**Section 14M – Pitch 14 mm for belt width 40 mm**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	N (mm)	V (mm)	Z (mm)	D (mm)	D <sub>i</sub> (mm)	Taper bush	Weight without bush (≈ kg)	Euro/each without bush	DM/each without bush
TB 28-14M-40	28	4F	GG	124.78	122.12	127	54	54	32	—	11.0	—	98	2012	2.00	<b>95.70</b>	<b>187.17</b>
TB 29-14M-40	29	4F	GG	129.23	126.57	138	54	54	32	—	11.0	—	100	2012	2.38	<b>98.10</b>	<b>191.87</b>
TB 30-14M-40	30	4F	GG	133.69	130.99	138	54	54	32	—	11.0	—	100	2012	2.65	<b>105.00</b>	<b>205.36</b>
TB 32-14M-40	32	4F	GG	142.60	139.88	154	54	54	32	—	11.0	—	104	2012	3.40	<b>111.00</b>	<b>217.10</b>
TB 34-14M-40	34	4F	GG	151.52	148.79	160	54	54	45	—	4.5	—	110	2517	3.87	<b>117.00</b>	<b>228.83</b>
TB 36-14M-40	36	4F	GG	160.43	157.68	168	54	54	45	—	4.5	—	120	2517	4.80	<b>130.00</b>	<b>254.26</b>
TB 38-14M-40	38	4F	GG	169.34	166.60	183	54	54	45	—	4.5	—	130	2517	5.40	<b>136.00</b>	<b>265.99</b>
TB 40-14M-40	40	4F	GG	178.25	175.49	188	54	54	45	—	4.5	—	138	2517	6.00	<b>147.00</b>	<b>287.51</b>
TB 44-14M-40	44	4F	GG	196.08	193.28	211	54	54	51	—	1.5	—	155	3020	7.80	<b>159.00</b>	<b>310.98</b>
TB 48-14M-40	48	4F	GG	213.90	211.11	226	54	54	51	—	1.5	—	170	3020	9.40	<b>197.00</b>	<b>385.30</b>
TB 56-14M-40	56	9WF	GG	249.55	246.76	256	54	54	51	—	1.5	170	208	3020	10.80	<b>221.00</b>	<b>432.24</b>
TB 64-14M-40	64	9WF	GG	285.21	282.41	296	54	54	51	—	1.5	170	242	3020	13.40	<b>232.00</b>	<b>453.75</b>
TB 72-14M-40	72	9W	GG	320.86	318.06	—	54	54	51	—	1.5	170	280	3020	15.20	<b>278.00</b>	<b>543.72</b>
TB 80-14M-40	80	9A	GG	356.51	353.71	—	54	54	51	—	1.5	170	315	3020	16.00	<b>309.00</b>	<b>604.35</b>
TB 90-14M-40	90	9A	GG	401.07	398.28	—	54	54	51	—	1.5	170	360	3020	17.80	<b>371.00</b>	<b>725.61</b>
TB 112-14M-40	112	9A	GG	499.11	496.32	—	54	54	51	—	1.5	170	457	3020	25.60	<b>448.00</b>	<b>876.21</b>
TB 144-14M-40	144	9A	GG	641.71	638.92	—	54	54	51	—	1.5	170	600	3020	32.00	<b>680.00</b>	<b>1329.96</b>
TB 168-14M-40	168	9A	GG	748.66	745.87	—	54	54	51	—	1.5	170	706	3020	44.00	<b>726.00</b>	<b>1419.93</b>
TB 192-14M-40	192	9A	GG	855.62	852.82	—	54	54	51	—	1.5	170	813	3020	49.00	<b>890.00</b>	<b>1740.69</b>
TB 216-14M-40	216	9A	GG	962.57	959.77	—	54	54	51	—	1.5	170	920	3020	55.00	<b>1134.00</b>	<b>2217.91</b>

**Section 14M – Pitch 14 mm for belt width 55 mm**

TB 28-14M-55	28	4F	GG	124.78	122.12	127	70	70	32	—	19.0	—	98	2012	2.20	<b>108.00</b>	<b>211.23</b>
TB 29-14M-55	29	4F	GG	129.23	126.57	138	70	70	32	—	19.0	—	100	2012	2.74	<b>111.00</b>	<b>217.10</b>
TB 30-14M-55	30	4F	GG	133.69	130.99	138	70	70	45	—	12.5	—	100	2517	2.70	<b>117.00</b>	<b>228.83</b>
TB 32-14M-55	32	4F	GG	142.60	139.88	154	70	70	45	—	12.5	—	108	2517	3.66	<b>133.00</b>	<b>260.13</b>
TB 34-14M-55	34	4F	GG	151.52	148.79	160	70	70	45	—	12.5	—	110	2517	4.55	<b>145.00</b>	<b>283.60</b>
TB 36-14M-55	36	4F	GG	160.43	157.68	168	70	70	45	—	12.5	—	120	2517	5.20	<b>155.00</b>	<b>303.15</b>
TB 38-14M-55	38	4F	GG	169.34	166.60	183	70	70	45	—	12.5	—	130	2517	6.20	<b>164.00</b>	<b>320.76</b>
TB 40-14M-55	40	4F	GG	178.25	175.49	188	70	70	45	—	12.5	—	138	2517	7.00	<b>173.00</b>	<b>338.36</b>
TB 44-14M-55	44	4F	GG	196.08	193.28	211	70	70	51	—	9.5	—	155	3020	8.60	<b>195.00</b>	<b>381.39</b>
TB 48-14M-55	48	4F	GG	213.90	211.11	226	70	70	51	—	9.5	—	170	3020	10.40	<b>223.00</b>	<b>436.15</b>
TB 56-14M-55	56	9WF	GG	249.55	246.76	256	70	70	51	—	9.5	170	208	3020	12.00	<b>266.00</b>	<b>520.25</b>
TB 64-14M-55	64	9WF	GG	285.21	282.41	296	70	70	51	—	9.5	170	242	3020	14.50	<b>291.00</b>	<b>569.15</b>
TB 72-14M-55	72	9W	GG	320.86	318.06	—	70	70	51	—	9.5	170	280	3020	16.20	<b>315.00</b>	<b>616.09</b>
TB 80-14M-55	80	9A	GG	356.51	353.71	—	70	70	51	—	9.5	170	315	3020	17.50	<b>340.00</b>	<b>664.98</b>
TB 90-14M-55	90	9A	GG	401.07	398.28	—	70	70	51	—	9.5	170	360	3020	20.10	<b>387.00</b>	<b>756.91</b>
TB 112-14M-55	112	9A	GG	499.11	496.32	—	70	70	51	—	9.5	170	457	3020	28.40	<b>494.00</b>	<b>966.18</b>
TB 144-14M-55	144	9A	GG	641.71	638.92	—	70	70	51	—	9.5	170	600	3020	36.20	<b>717.00</b>	<b>1402.33</b>
TB 168-14M-55	168	9A	GG	748.66	745.87	—	70	70	51	—	9.5	170	706	3020	49.00	<b>927.00</b>	<b>1813.05</b>
TB 192-14M-55	192	9A	GG	855.62	852.82	—	70	70	51	—	9.5	170	813	3020	53.00	<b>1066.00</b>	<b>2084.91</b>
TB 216-14M-55	216	7A	GG	962.57	959.77	—	70	89	89	9.5	—	190	920	3535	65.80	<b>1348.00</b>	<b>2636.46</b>

Taper bush	2012	2517	3020	3535
Bore d <sub>2</sub> (mm) from ... to ...				



**Section 14M – Pitch 14 mm for belt width 85 mm**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	N (mm)	V (mm)	Z (mm)	D (mm)	D <sub>1</sub> (mm)	Taper bush	Weight without bush (= kg)	Euro/each without bush	DM/each without bush
TB 28-14M-85	28	4F	GG	124.78	122.12	127	102	102	45	—	28.5	—	98	2517	2.70	136.00	265.99
TB 29-14M-85	29	4F	GG	129.23	126.57	138	102	102	45	—	28.5	—	100	2517	3.40	140.00	273.82
TB 30-14M-85	30	4F	GG	133.69	130.99	138	102	102	45	—	28.5	—	100	2517	3.75	148.00	289.46
TB 32-14M-85	32	4F	GG	142.60	139.88	154	102	102	45	—	28.5	—	108	2517	4.80	164.00	320.76
TB 34-14M-85	34	4F	GG	151.52	148.79	160	102	102	45	—	28.5	—	110	2517	6.00	186.00	363.78
TB 36-14M-85	36	4F	GG	160.43	157.68	168	102	102	51	—	25.5	—	120	3020	5.80	195.00	381.39
TB 38-14M-85	38	4F	GG	169.34	166.60	183	102	102	51	—	25.5	—	130	3020	6.80	201.00	393.12
TB 40-14M-85	40	4F	GG	178.25	175.49	188	102	102	51	—	25.5	—	138	3020	8.00	216.00	422.46
TB 44-14M-85	44	4F	GG	196.08	193.28	211	102	102	76	—	13.0	—	155	3030	11.80	257.00	502.65
TB 48-14M-85	48	4F	GG	213.90	211.11	226	102	102	76	—	13.0	—	170	3030	15.10	278.00	543.72
TB 56-14M-85	56	4F	GG	249.55	246.76	256	102	102	65	—	18.5	190	210	3525	19.00	340.00	664.98
TB 64-14M-85	64	9WF	GG	285.21	282.41	296	102	102	65	—	18.5	190	242	3525	23.00	371.00	725.61
TB 72-14M-85	72	9W	GG	320.86	318.06	—	102	102	65	—	18.5	190	280	3525	25.00	402.00	786.24
TB 80-14M-85	80	9A	GG	356.51	353.71	—	102	102	65	—	18.5	190	315	3525	26.00	420.00	821.45
TB 90-14M-85	90	9A	GG	401.07	398.28	—	102	102	65	—	18.5	190	360	3525	27.80	504.00	985.74
TB 112-14M-85	112	9A	GG	499.11	496.32	—	102	102	65	—	18.5	190	457	3525	36.50	680.00	1329.96
TB 144-14M-85	144	9A	GG	641.71	638.92	—	102	102	65	—	18.5	190	600	3525	48.00	865.00	1691.79
TB 168-14M-85	168	9A	GG	748.66	745.87	—	102	102	65	—	18.5	190	706	3525	60.00	1082.00	2116.21
TB 192-14M-85	192	3A	GG	855.62	852.82	—	102	102	102	—	—	230	813	4040	86.00	1313.00	2568.00
TB 216-14M-85	216	3A	GG	962.57	959.77	—	102	102	102	—	—	230	920	4040	91.50	1675.00	3276.02

**Section 14M – Pitch 14 mm for belt width 115 mm**

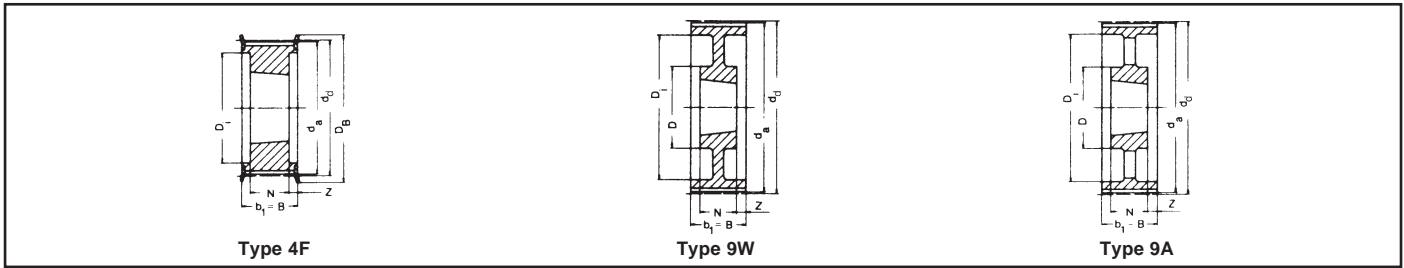
TB 28-14M-115	28	4F	GG	124.78	122.12	127	133	133	45	—	44.0	—	98	2517	3.77	192.00	375.52
TB 29-14M-115	29	4F	GG	129.23	126.57	138	133	133	45	—	44.0	—	100	2517	4.00	198.00	387.25
TB 30-14M-115	30	4F	GG	133.69	130.99	138	133	133	45	—	44.0	—	100	2517	5.00	201.00	393.12
TB 32-14M-115	32	4F	GG	142.60	139.88	154	133	133	45	—	44.0	—	108	2517	6.80	216.00	422.46
TB 34-14M-115	34	4F	GG	151.52	148.79	160	133	133	45	—	44.0	—	110	2517	6.80	235.00	459.62
TB 36-14M-115	36	4F	GG	160.43	157.68	168	133	133	51	—	41.0	—	120	3020	7.00	253.00	494.82
TB 38-14M-115	38	4F	GG	169.34	166.60	183	133	133	51	—	41.0	—	130	3020	8.40	275.00	537.85
TB 40-14M-115	40	4F	GG	178.25	175.49	188	133	133	51	—	41.0	—	140	3020	9.20	284.00	555.46
TB 44-14M-115	44	4F	GG	196.08	193.28	211	133	133	76	—	28.5	—	155	3030	14.00	322.00	629.78
TB 48-14M-115	48	4F	GG	213.90	211.11	226	133	133	76	—	28.5	—	170	3030	17.10	416.00	813.63
TB 56-14M-115	56	4F	GG	249.55	246.76	256	133	133	89	—	22.0	—	210	3535	24.80	425.00	831.23
TB 64-14M-115	64	9WF	GG	285.21	282.41	296	133	133	89	—	22.0	190	242	3535	27.00	463.00	905.55
TB 72-14M-115	72	9W	GG	320.86	318.06	—	133	133	89	—	22.0	190	280	3535	29.00	499.00	975.96
TB 80-14M-115	80	9A	GG	356.51	353.71	—	133	133	89	—	22.0	190	315	3535	32.00	649.00	1269.33
TB 90-14M-115	90	9A	GG	401.07	398.28	—	133	133	89	—	22.0	190	360	3535	36.50	711.00	1390.60
TB 112-14M-115	112	9A	GG	499.11	496.32	—	133	133	89	—	22.0	190	457	3535	46.00	875.00	1711.35
TB 144-14M-115	144	9A	GG	641.71	638.92	—	133	133	102	—	15.5	230	600	4040	68.00	1095.00	2141.63
TB 168-14M-115	168	9A	GG	748.66	745.87	—	133	133	102	—	15.5	230	706	4040	82.60	1375.00	2689.27
TB 192-14M-115	192	9A	GG	855.62	852.82	—	133	133	102	—	15.5	230	813	4040	96.00	1607.00	3143.02
TB 216-14M-115	216	9A	GG	962.57	959.77	—	133	133	102	—	15.5	230	920	4040	107.00	2037.00	3984.03

Taper bush	2517	3020	3030	3525	3535	4040
Bore d <sub>2</sub> (mm) from ... to ...	16-60	25-75	35-75	35-90	35-90	40-100
<b>Euro/each</b>	<b>15.80</b>	<b>20.60</b>	<b>26.90</b>	<b>54.70</b>	<b>51.90</b>	<b>72.90</b>
<b>DM/each</b>	<b>30.90</b>	<b>40.29</b>	<b>52.61</b>	<b>106.98</b>	<b>101.51</b>	<b>142.58</b>

GG = Cast iron  
We reserve the right to make technical changes

Bore diameters d<sub>2</sub> see page 3





**Section 14M – Pitch/Pitch 14 mm for belt width/for belt width 170 mm**

Part No.	No. of teeth	Type	Material	$d_d$ (mm)	$d_a$ (mm)	$D_B$ (mm)	$b_1$ (mm)	B (mm)	N (mm)	V (mm)	Z (mm)	D (mm)	$D_i$ (mm)	Taper bush	Weight without bush (≈ kg)	Euro/each without bush	DM/each without bush
TB 38-14M-170*	38	4F	GG	169.34	166.60	183	187	187	76	—	55.5	—	130	3030	11.70	<b>399.00</b>	<b>780.38</b>
TB 40-14M-170*	40	4F	GG	178.25	175.49	188	187	187	76	—	55.5	—	140	3030	13.00	<b>412.00</b>	<b>805.80</b>
TB 44-14M-170*	44	4F	GG	196.08	193.28	211	187	187	89	—	49.0	—	155	3535	15.00	<b>446.00</b>	<b>872.30</b>
TB 48-14M-170*	48	4F	GG	213.90	211.11	226	187	187	89	—	49.0	—	175	3535	19.00	<b>552.00</b>	<b>1079.62</b>
TB 56-14M-170*	56	4F	GG	249.55	246.76	256	187	187	89	—	49.0	—	210	3535	28.50	<b>577.00</b>	<b>1128.51</b>
TB 64-14M-170*	64	4F	GG	285.21	282.41	296	187	187	102	—	42.5	—	240	4040	41.00	<b>621.00</b>	<b>1214.57</b>
TB 72-14M-170*	72	9W	GG	320.86	318.06	—	187	187	102	—	42.5	230	280	4040	46.90	<b>677.00</b>	<b>1324.10</b>
TB 80-14M-170*	80	9W	GG	356.51	353.71	—	187	187	102	—	42.5	230	315	4040	48.00	<b>863.00</b>	<b>1687.88</b>
TB 90-14M-170*	90	9A	GG	401.07	398.28	—	187	187	102	—	42.5	230	360	4040	52.50	<b>963.00</b>	<b>1883.46</b>
TB 112-14M-170*	112	9A	GG	499.11	496.32	—	187	187	127	—	30.0	265	457	5050	74.50	<b>1172.00</b>	<b>2292.23</b>
TB 144-14M-170*	144	9A	GG	641.71	638.92	—	187	187	127	—	30.0	265	600	5050	91.00	<b>1468.00</b>	<b>2871.16</b>
TB 168-14M-170*	168	9A	GG	748.66	745.87	—	187	187	127	—	30.0	265	706	5050	116.00	<b>1837.00</b>	<b>3592.86</b>
TB 192-14M-170*	192	9A	GG	855.62	852.82	—	187	187	127	—	30.0	265	813	5050	134.00	<b>2149.00</b>	<b>4203.08</b>
TB 216-14M-170*	216	9A	GG	962.57	959.77	—	187	187	127	—	30.0	265	920	5050	146.50	<b>2712.00</b>	<b>5304.21</b>

HTD® Pulleys section 20M on request.

Taper bush	3030	3535	4040	5050
Bore $d_2$ (mm) from ... to ...	35-75	35-90	40-100	70-125
<b>Euro/each</b>	<b>26.90</b>	<b>51.90</b>	<b>72.90</b>	<b>149.00</b>
<b>DM/each</b>	<b>52.61</b>	<b>101.51</b>	<b>142.58</b>	<b>291.42</b>

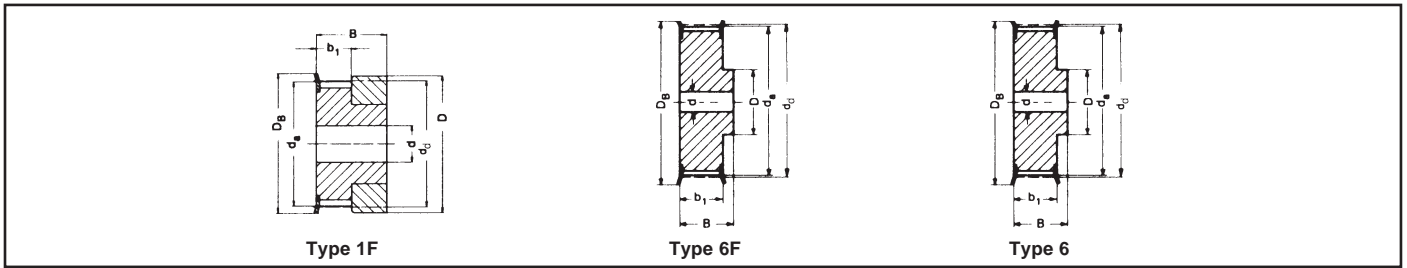
GG = Cast iron

We reserve the right to make technical changes

\* Non stock items

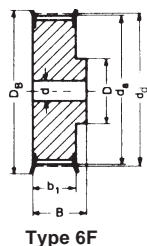
Bore diameters  $d_2$  see page 3



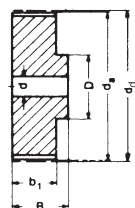


**Section T 2,5 – Pitch 2,5 mm for belt width 4 and 6 mm**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	D (mm)	D <sub>i</sub> (mm)	Pilot bore d (mm)	Finished bore d <sub>max</sub> (mm)	Weight (≈ kg)	Euro each	DM each
16 T2.5/12-2	12	1F	Al	9.55	9.00	13.0	9	16	12	—	—	3	0.003	<b>8.40</b>	<b>16.43</b>
16 T2.5/14-2	14	1F	Al	11.14	10.60	15.0	9	16	14	—	—	4	0.004	<b>8.40</b>	<b>16.43</b>
16 T2.5/15-2	15	1F	Al	11.94	11.40	15.0	9	16	15	—	—	4	0.005	<b>8.40</b>	<b>16.43</b>
16 T2.5/16-2	16	1F	Al	12.73	12.20	16.0	9	16	16	—	—	5	0.005	<b>8.70</b>	<b>17.02</b>
16 T2.5/18-2	18	6F	Al	14.32	13.80	17.5	10	16	9.5	—	4	6	0.006	<b>8.70</b>	<b>17.02</b>
16 T2.5/19-2	19	6F	Al	15.12	14.60	18.0	10	16	9.5	—	4	6	0.007	<b>9.00</b>	<b>17.60</b>
16 T2.5/20-2	20	6F	Al	15.92	15.40	19.5	10	16	10	—	4	6	0.008	<b>9.00</b>	<b>17.60</b>
16 T2.5/22-2	22	6F	Al	17.51	17.00	23.0	10	16	10	—	4	6	0.009	<b>9.00</b>	<b>17.60</b>
16 T2.5/24-2	24	6F	Al	19.10	18.55	23.0	10	16	12	—	4	6	0.012	<b>9.30</b>	<b>18.19</b>
16 T2.5/25-2	25	6F	Al	19.90	19.35	23.0	10	16	12	—	4	8	0.013	<b>9.30</b>	<b>18.19</b>
16 T2.5/26-2	26	6F	Al	20.70	20.15	25.0	10	16	13	—	4	8	0.014	<b>9.60</b>	<b>18.78</b>
16 T2.5/28-2	28	6F	Al	22.28	21.75	25.0	10	16	13	—	4	8	0.016	<b>9.60</b>	<b>18.78</b>
16 T2.5/30-2	30	6F	Al	23.87	23.35	28.0	10	16	16	—	6	10	0.018	<b>9.90</b>	<b>19.36</b>
16 T2.5/32-2	32	6F	Al	25.47	24.95	32.0	10	16	16	—	6	10	0.020	<b>9.90</b>	<b>19.36</b>
16 T2.5/36-2	36	6F	Al	28.65	28.10	36.0	10	16	20	—	6	12	0.026	<b>10.20</b>	<b>19.95</b>
16 T2.5/40-2	40	6F	Al	31.83	31.30	38.0	10	16	20	—	6	12	0.032	<b>10.50</b>	<b>20.54</b>
16 T2.5/44-2	44	6F	Al	35.02	34.50	42.0	10	16	24	—	6	14	0.040	<b>10.80</b>	<b>21.12</b>
16 T2.5/48-0	48	6	Al	38.20	37.70	—	10	16	26	—	6	15	0.048	<b>11.10</b>	<b>21.71</b>
16 T2.5/60-0	60	6	Al	47.75	47.25	—	10	16	34	—	8	18	0.073	<b>12.00</b>	<b>23.47</b>



Type 6F



Type 6

**Section T 5 – Pitch 5 mm for belt width 10 mm**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	D (mm)	D <sub>i</sub> (mm)	Pilot bore d (mm)	Finished bore d <sub>max</sub> (mm)	Weight (= kg)	Euro each	DM each
21 T5/10-2	10	6F	Al	15.92	15.05	19.5	15	21	8	—	—	5	0.012	9.60	18.78
21 T5/12-2	12	6F	Al	19.01	18.25	23.0	15	21	10	—	—	6	0.016	9.90	19.36
21 T5/14-2	14	6F	Al	22.29	21.45	25.0	15	21	13	—	—	8	0.019	10.20	19.95
21 T5/15-2	15	6F	Al	23.88	23.05	28.0	15	21	16	—	6	10	0.021	10.50	20.54
21 T5/16-2	16	6F	Al	25.47	24.60	32.0	15	21	18	—	6	11	0.025	11.10	21.71
21 T5/18-2	18	6F	Al	28.65	27.80	32.0	15	21	19	—	6	12	0.031	12.60	24.64
21 T5/19-2	19	6F	Al	30.25	29.40	36.0	15	21	22	—	6	12	0.036	12.90	25.23
21 T5/20-2	20	6F	Al	31.83	31.00	36.0	15	21	23	—	6	14	0.038	13.20	25.82
21 T5/22-2	22	6F	Al	35.12	34.25	38.0	15	21	24	—	6	15	0.046	13.50	26.40
21 T5/24-2	24	6F	Al	38.21	37.40	42.0	15	21	26	—	6	15	0.054	13.80	26.99
21 T5/25-2	25	6F	Al	39.80	39.00	44.0	15	21	26	—	6	15	0.058	14.10	27.58
21 T5/26-2	26	6F	Al	41.47	40.60	44.0	15	21	26	—	6	16	0.062	14.10	27.58
21 T5/27-2	27	6F	Al	42.98	42.20	48.0	15	21	30	—	8	18	0.064	14.40	28.16
21 T5/28-2	28	6F	Al	44.62	43.75	48.0	15	21	32	—	8	18	0.071	14.40	28.16
21 T5/30-2	30	6F	Al	47.76	46.95	51.0	15	21	34	—	8	18	0.075	14.70	28.75
21 T5/32-2	32	6F	Al	50.94	50.10	54.0	15	21	38	—	8	22	0.088	15.90	31.10
21 T5/36-2	36	6F	Al	57.31	56.45	63.0	15	21	38	—	8	22	0.114	16.80	32.86
21 T5/40-2	40	6F	Al	63.66	62.85	66.0	15	21	40	—	8	23	0.138	18.60	36.38
21 T5/42-2	42	6F	Al	66.87	66.00	71.0	15	21	40	—	8	24	0.180	18.90	36.97
21 T5/44-0	44	6	Al	70.07	69.20	—	15	21	45	—	8	26	0.185	19.20	37.55
21 T5/48-0	48	6	Al	76.42	75.55	—	15	21	50	—	8	28	0.200	21.60	42.25
21 T5/60-0	60	6	Al	95.52	94.65	—	15	21	65	—	8	35	0.307	24.60	48.11

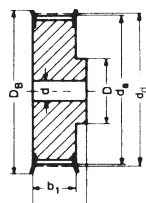
**Section T 5 – Pitch 5 mm for belt width 16 mm**

27 T5/10-2	10	6F	Al	15.92	15.05	19.5	21	27	8	—	—	5	0.016	10.20	19.95
27 T5/12-2	12	6F	Al	19.01	18.25	23.0	21	27	10	—	—	6	0.022	10.50	20.54
27 T5/14-2	14	6F	Al	22.29	21.45	25.0	21	27	13	—	—	8	0.026	10.80	21.12
27 T5/15-2	15	6F	Al	23.88	23.05	28.0	21	27	16	—	6	10	0.029	11.10	21.71
27 T5/16-2	16	6F	Al	25.47	24.60	32.0	21	27	18	—	6	11	0.035	12.00	23.47
27 T5/18-2	18	6F	Al	28.65	27.80	32.0	21	27	19	—	6	12	0.043	13.20	25.82
27 T5/19-2	19	6F	Al	30.25	29.40	36.0	21	27	22	—	6	12	0.049	13.50	26.40
27 T5/20-2	20	6F	Al	31.83	31.00	36.0	21	27	23	—	6	14	0.053	14.10	27.58
27 T5/22-2	22	6F	Al	35.12	34.25	38.0	21	27	24	—	6	15	0.054	14.40	28.16
27 T5/24-2	24	6F	Al	38.21	37.40	42.0	21	27	26	—	6	15	0.076	14.70	28.75
27 T5/25-2	25	6F	Al	39.80	39.00	44.0	21	27	26	—	6	15	0.081	15.00	29.34
27 T5/26-2	26	6F	Al	41.47	40.60	44.0	21	27	26	—	6	16	0.085	15.30	29.92
27 T5/27-2	27	6F	Al	42.98	42.20	48.0	21	27	30	—	8	18	0.090	15.90	31.10
27 T5/28-2	28	6F	Al	44.62	43.75	48.0	21	27	32	—	8	18	0.092	16.20	31.68
27 T5/30-2	30	6F	Al	47.76	46.95	51.0	21	27	34	—	8	18	0.105	16.50	32.27
27 T5/32-2	32	6F	Al	50.94	50.10	54.0	21	27	38	—	8	22	0.123	17.40	34.03
27 T5/36-2	36	6F	Al	57.31	56.45	63.0	21	27	38	—	8	22	0.160	18.60	36.38
27 T5/40-2	40	6F	Al	63.66	62.85	66.0	21	27	40	—	8	23	0.193	21.00	41.07
27 T5/42-2	42	6F	Al	66.87	66.00	71.0	21	27	40	—	8	24	0.205	21.30	41.66
27 T5/44-0	44	6	Al	70.07	69.20	—	21	27	45	—	8	26	0.228	21.90	42.83
27 T5/48-0	48	6	Al	76.42	75.55	—	21	27	50	—	8	28	0.280	22.20	43.42
27 T5/60-0	60	6	Al	95.52	94.65	—	21	27	65	—	8	35	0.430	26.40	51.63

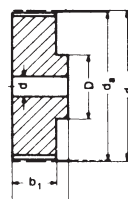


**Section T 5 – Pitch 5 mm for belt width 25 mm**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	D (mm)	D <sub>i</sub> (mm)	Pilot bore d (mm)	Finished bore d <sub>max</sub> (mm)	Weight (≈ kg)	Euro each	DM each
36 T5/10-2	10	6F	Al	15.92	15.05	19.5	30	36	8	—	—	5	0.023	13.80	26.99
36 T5/12-2	12	6F	Al	19.01	18.25	23.0	30	36	10	—	—	6	0.031	14.10	27.58
36 T5/14-2	14	6F	Al	22.29	21.45	25.0	30	36	13	—	—	8	0.037	14.10	27.58
36 T5/15-2	15	6F	Al	23.88	23.05	28.0	30	36	16	—	6	10	0.041	14.40	28.16
36 T5/16-2	16	6F	Al	25.47	24.60	32.0	30	36	18	—	6	11	0.050	14.70	28.75
36 T5/18-2	18	6F	Al	28.65	27.80	32.0	30	36	19	—	6	12	0.061	15.00	29.34
36 T5/19-2	19	6F	Al	30.25	29.40	36.0	30	36	22	—	6	12	0.070	15.30	29.92
36 T5/20-2	20	6F	Al	31.83	31.00	36.0	30	36	23	—	6	14	0.076	15.60	30.51
36 T5/22-2	22	6F	Al	35.12	34.25	38.0	30	36	24	—	6	15	0.080	16.50	32.27
36 T5/24-2	24	6F	Al	38.21	37.40	42.0	30	36	26	—	8	15	0.109	16.80	32.86
36 T5/25-2	25	6F	Al	39.80	39.00	44.0	30	36	26	—	8	15	0.116	17.40	34.03
36 T5/26-2	26	6F	Al	41.47	40.60	44.0	30	36	26	—	8	16	0.120	17.70	34.62
36 T5/27-2	27	6F	Al	42.98	42.20	48.0	30	36	30	—	8	18	0.128	18.00	35.20
36 T5/28-2	28	6F	Al	44.62	43.75	48.0	30	36	32	—	8	18	0.135	18.30	35.79
36 T5/30-2	30	6F	Al	47.76	46.95	51.0	30	36	34	—	8	18	0.150	18.60	36.38
36 T5/32-2	32	6F	Al	50.94	50.10	54.0	30	36	38	—	8	22	0.176	20.10	39.31
36 T5/36-2	36	6F	Al	57.31	56.45	63.0	30	36	38	—	8	22	0.230	21.00	41.07
36 T5/40-2	40	6F	Al	63.66	62.85	66.0	30	36	40	—	8	23	0.276	22.80	44.59
36 T5/42-2	42	6F	Al	66.87	66.00	71.0	30	36	40	—	8	24	0.284	23.20	45.38
36 T5/44-0	44	6	Al	70.07	69.20	—	30	36	45	—	8	26	0.315	24.30	47.53
36 T5/48-0	48	6	Al	76.42	75.55	—	30	36	50	—	8	28	0.400	26.10	51.05
36 T5/60-0	60	6	Al	95.52	94.65	—	30	36	65	—	8	35	0.614	31.80	62.20



Type 6F



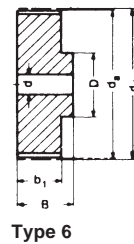
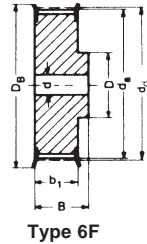
Type 6

**Section T 10 – Pitch 10 mm for belt width 16 mm**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	D (mm)	D <sub>i</sub> (mm)	Pilot bore d (mm)	Finished bore d <sub>max</sub> (mm)	Weight (= kg)	Euro each	DM each
31 T10/12-2	12	6F	Al	38.20	36.35	42	21	31	28	—	6	16	0.076	14.10	27.58
31 T10/14-2	14	6F	Al	44.56	42.70	48	21	31	32	—	8	18	0.104	15.00	29.34
31 T10/15-2	15	6F	Al	47.75	45.90	51	21	31	32	—	8	18	0.116	15.60	30.51
31 T10/16-2	16	6F	Al	50.93	49.05	54	21	31	35	—	8	20	0.134	17.10	33.44
31 T10/18-2	18	6F	Al	57.29	55.45	60	21	31	40	—	8	22	0.167	18.00	35.20
31 T10/19-2	19	6F	Al	60.48	58.60	66	21	31	44	—	8	22	0.184	19.20	37.55
31 T10/20-2	20	6F	Al	63.66	61.80	66	21	31	46	—	8	24	0.208	20.40	39.90
31 T10/22-2	22	6F	Al	70.03	68.15	75	21	31	52	—	8	28	0.253	21.30	41.66
31 T10/24-2	24	6F	Al	76.39	74.55	83	21	31	58	—	8	30	0.288	24.00	46.94
31 T10/25-2	25	6F	Al	79.58	77.70	83	21	31	60	—	8	30	0.310	24.90	48.70
31 T10/26-2	26	6F	Al	82.76	80.90	87	21	31	60	—	8	30	0.357	26.10	51.05
31 T10/27-2	27	6F	Al	85.95	84.10	91	21	31	60	—	8	30	0.364	27.60	53.98
31 T10/28-2	28	6F	Al	89.13	87.25	93	21	31	60	—	8	30	0.401	28.80	56.33
31 T10/30-2	30	6F	Al	95.49	93.65	97	21	31	60	—	8	30	0.441	31.20	61.02
31 T10/32-2	32	6F	Al	101.86	100.00	106	21	31	65	—	10	32	0.493	36.60	71.58
31 T10/36-2	36	6F	Al	114.59	112.75	119	21	31	70	—	10	35	0.623	41.70	81.56
31 T10/40-2	40	6F	Al	127.32	125.45	131	21	31	80	—	10	40	0.767	52.50	102.68
31 T10/44-0	44	6	Al	140.06	138.20	—	21	31	88	—	10	46	0.993	56.40	110.31
31 T10/48-0	48	6	Al	152.78	150.95	—	21	31	95	—	16	48	1.090	62.70	122.63
31 T10/60-0	60	6	Al	190.98	189.10	—	21	31	110	—	16	60	1.710	88.80	173.68

**Section T 10 – Pitch 10 mm for belt width 25 mm**

40 T10/12-2	12	6F	Al	38.20	36.35	42	30	40	28	—	6	16	0.099	15.60	30.51
40 T10/14-2	14	6F	Al	44.56	42.70	48	30	40	32	—	8	18	0.134	17.70	34.62
40 T10/15-2	15	6F	Al	47.75	45.90	51	30	40	32	—	8	18	0.152	18.60	36.38
40 T10/16-2	16	6F	Al	50.93	49.05	54	30	40	35	—	8	20	0.176	20.10	39.31
40 T10/18-2	18	6F	Al	57.29	55.45	60	30	40	40	—	8	22	0.224	21.60	42.25
40 T10/19-2	19	6F	Al	60.48	58.60	66	30	40	44	—	8	22	0.247	22.80	44.59
40 T10/20-2	20	6F	Al	63.66	61.80	66	30	40	46	—	8	24	0.276	24.00	46.94
40 T10/22-2	22	6F	Al	70.03	68.15	75	30	40	52	—	8	28	0.337	25.20	49.29
40 T10/24-2	24	6F	Al	76.39	74.55	83	30	40	58	—	8	30	0.392	27.60	53.98
40 T10/25-2	25	6F	Al	79.58	77.70	83	30	40	60	—	8	30	0.422	29.10	56.91
40 T10/26-2	26	6F	Al	82.76	80.90	87	30	40	60	—	8	30	0.477	30.60	59.85
40 T10/27-2	27	6F	Al	85.95	84.10	91	30	40	60	—	8	30	0.536	31.80	62.20
40 T10/28-2	28	6F	Al	89.13	87.25	93	30	40	60	—	8	30	0.540	33.00	64.54
40 T10/30-2	30	6F	Al	95.49	93.65	97	30	40	60	—	8	30	0.640	36.30	71.00
40 T10/32-2	32	6F	Al	101.86	100.00	106	30	40	65	—	10	32	0.693	41.70	81.56
40 T10/36-2	36	6F	Al	114.59	112.75	119	30	40	70	—	10	35	0.873	48.60	95.05
40 T10/40-2	40	6F	Al	127.32	125.45	131	30	40	80	—	10	40	1.067	61.20	119.70
40 T10/44-0	44	6	Al	140.06	138.20	—	30	40	88	—	10	46	1.350	65.40	127.91
40 T10/48-0	48	6	Al	152.78	150.95	—	30	40	95	—	16	48	1.516	73.20	143.17
40 T10/60-0	60	6	Al	190.98	189.10	—	30	40	110	—	16	60	2.339	95.70	187.17



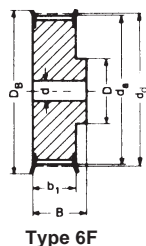
**Section T 10 – Pitch 10 mm for belt width 32 mm**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	D (mm)	D <sub>i</sub> (mm)	Pilot bore d (mm)	Finished bore d <sub>max</sub> (mm)	Weight (≈ kg)	Euro each	DM each
47 T10/18-2	18	6F	Al	57.29	55.45	60	37	47	40	—	10	22	0.253	24.60	48.11
47 T10/19-2	19	6F	Al	60.48	58.60	66	37	47	44	—	10	22	0.286	26.40	51.63
47 T10/20-2	20	6F	Al	63.66	61.80	66	37	47	46	—	12	24	0.322	28.50	55.74
47 T10/22-2	22	6F	Al	70.03	68.15	75	37	47	52	—	12	28	0.393	30.90	60.44
47 T10/24-2	24	6F	Al	76.39	74.55	83	37	47	58	—	12	30	0.475	32.10	62.78
47 T10/25-2	25	6F	Al	79.58	77.70	83	37	47	60	—	12	30	0.527	34.20	66.89
47 T10/26-2	26	6F	Al	82.76	80.90	87	37	47	60	—	12	30	0.564	37.20	72.76
47 T10/27-2	27	6F	Al	85.95	84.10	91	37	47	60	—	12	30	0.602	37.80	73.93
47 T10/28-2	28	6F	Al	89.13	87.25	93	37	47	60	—	12	30	0.642	38.70	75.69
47 T10/30-2	30	6F	Al	95.49	93.65	97	37	47	60	—	12	30	0.740	40.80	79.80
47 T10/32-2	32	6F	Al	101.86	100.00	106	37	47	65	—	12	32	0.844	46.50	90.95
47 T10/36-2	36	6F	Al	114.59	112.75	119	37	47	70	—	16	35	1.083	55.20	107.96
47 T10/40-2	40	6F	Al	127.32	125.45	131	37	47	80	—	16	40	1.317	69.00	134.95
47 T10/44-0	44	6	Al	140.06	138.20	—	37	47	88	—	16	46	1.611	75.90	148.45
47 T10/48-0	48	6	Al	152.78	150.95	—	37	47	95	—	16	48	1.931	84.60	165.46
47 T10/60-0	60	6	Al	190.98	189.10	—	37	47	110	—	16	60	3.004	111.00	217.10

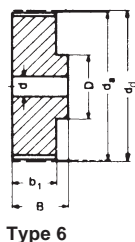
**Section T 10 – Pitch 10 mm for belt width 50 mm**

66 T10/18-2	18	6F	Al	57.29	55.45	60	56	66	40	—	10	22	0.422	28.50	55.74
66 T10/19-2	19	6F	Al	60.48	58.60	66	56	66	44	—	10	22	0.466	30.60	59.85
66 T10/20-2	20	6F	Al	63.66	61.80	66	56	66	46	—	12	24	0.520	32.40	63.37
66 T10/22-2	22	6F	Al	70.03	68.15	75	56	66	52	—	12	28	0.570	36.00	70.41
66 T10/24-2	24	6F	Al	76.39	74.55	83	56	66	58	—	12	30	0.736	39.60	77.45
66 T10/25-2	25	6F	Al	79.58	77.70	83	56	66	60	—	12	30	0.766	41.10	80.38
66 T10/26-2	26	6F	Al	82.76	80.90	87	56	66	60	—	12	30	0.816	42.60	83.32
66 T10/27-2	27	6F	Al	85.95	84.10	91	56	66	60	—	12	30	0.946	44.40	86.84
66 T10/28-2	28	6F	Al	89.13	87.25	93	56	66	60	—	12	30	0.960	45.60	89.19
66 T10/30-2	30	6F	Al	95.49	93.65	97	56	66	60	—	12	30	1.169	50.40	98.57
66 T10/32-2	32	6F	Al	101.86	100.00	106	56	66	65	—	12	32	1.300	55.80	109.14
66 T10/36-2	36	6F	Al	114.59	112.75	119	56	66	70	—	16	35	1.637	71.10	139.06
66 T10/40-2	40	6F	Al	127.32	125.45	131	56	66	80	—	16	40	1.999	80.40	157.25
66 T10/44-0	44	6	Al	140.06	138.20	—	56	66	88	—	16	46	2.357	93.00	181.89
66 T10/48-0	48	6	Al	152.78	150.95	—	56	66	95	—	16	48	2.830	102.00	199.49
66 T10/60-0	60	6	Al	190.98	189.10	—	56	66	110	—	16	60	4.366	145.00	283.60





Type 6F



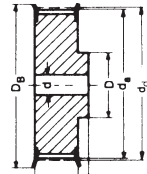
Type 6

**Section AT 5 – Pitch 5 mm for belt width 10 mm**

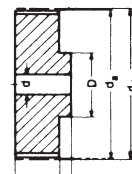
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21 AT 5/12-2	12	6F	Al	19.01	17.85	23.0	15	21	10	—	6	0.016	12.00	23.47
21 AT 5/14-2	14	6F	Al	22.29	21.05	25.0	15	21	13	—	8	0.019	12.60	24.64
21 AT 5/15-2	15	6F	Al	23.88	22.65	28.0	15	21	16	6	10	0.021	12.90	25.23
21 AT 5/16-2	16	6F	Al	25.47	24.20	32.0	15	21	18	6	11	0.025	13.50	26.40
21 AT 5/18-2	18	6F	Al	28.65	27.40	32.0	15	21	19	6	12	0.031	15.00	29.34
21 AT 5/19-2	19	6F	Al	30.25	29.00	36.0	15	21	22	6	12	0.036	15.30	29.92
21 AT 5/20-2	20	6F	Al	31.83	30.60	36.0	15	21	23	6	14	0.038	15.60	30.51
21 AT 5/22-2	22	6F	Al	35.12	33.85	38.0	15	21	24	6	15	0.046	16.20	31.68
21 AT 5/24-2	24	6F	Al	38.21	37.00	42.0	15	21	26	6	15	0.054	16.50	32.27
21 AT 5/25-2	25	6F	Al	39.80	38.60	44.0	15	21	26	6	15	0.058	16.80	32.86
21 AT 5/26-2	26	6F	Al	41.47	40.20	44.0	15	21	26	6	16	0.062	16.80	32.86
21 AT 5/27-2	27	6F	Al	42.98	41.80	48.0	15	21	30	8	18	0.064	17.00	33.25
21 AT 5/28-2	28	6F	Al	44.62	43.35	48.0	15	21	32	8	18	0.071	17.20	33.64
21 AT 5/30-2	30	6F	Al	47.76	46.55	51.0	15	21	34	8	18	0.075	17.40	34.03
21 AT 5/32-2	32	6F	Al	50.94	49.70	54.0	15	21	38	8	22	0.088	18.90	36.97
21 AT 5/36-2	36	6F	Al	57.31	56.05	63.0	15	21	38	8	22	0.114	20.40	39.90
21 AT 5/40-2	40	6F	Al	63.66	62.45	66.0	15	21	40	8	23	0.138	22.50	44.01
21 AT 5/42-2	42	6F	Al	66.87	65.60	71.0	15	21	40	8	24	0.180	22.80	44.59
21 AT 5/44-0	44	6	Al	70.07	68.80	—	15	21	45	8	26	0.185	23.10	45.18
21 AT 5/48-0	48	6	Al	76.42	75.15	—	15	21	50	8	28	0.200	25.80	50.46
21 AT 5/60-0	60	6	Al	95.52	94.25	—	15	21	65	8	35	0.307	29.70	58.09

**Section AT 5 – Pitch 5 mm for belt width 16 mm**

27 AT 5/12-2	12	6F	Al	19.01	17.85	23.0	21	27	10	—	6	0.022	12.90	25.23
27 AT 5/14-2	14	6F	Al	22.29	21.05	25.0	21	27	13	—	8	0.026	13.20	25.82
27 AT 5/15-2	15	6F	Al	23.88	22.65	28.0	21	27	16	6	10	0.029	13.50	26.40
27 AT 5/16-2	16	6F	Al	25.47	24.20	32.0	21	27	18	6	11	0.035	14.40	28.16
27 AT 5/18-2	18	6F	Al	28.65	27.40	32.0	21	27	19	6	12	0.043	15.60	30.51
27 AT 5/19-2	19	6F	Al	30.25	29.00	36.0	21	27	22	6	12	0.049	16.20	31.68
27 AT 5/20-2	20	6F	Al	31.83	30.60	36.0	21	27	23	6	14	0.053	16.80	32.86
27 AT 5/22-2	22	6F	Al	35.12	33.85	38.0	21	27	24	6	21	0.054	17.10	33.44
27 AT 5/24-2	24	6F	Al	38.21	37.00	42.0	21	27	26	6	21	0.076	17.40	34.03
27 AT 5/25-2	25	6F	Al	39.80	38.60	44.0	21	27	26	6	21	0.081	18.00	35.20
27 AT 5/26-2	26	6F	Al	41.47	40.20	44.0	21	27	26	6	16	0.085	18.30	35.79
27 AT 5/27-2	27	6F	Al	42.98	41.80	48.0	21	27	30	8	18	0.090	18.90	36.97
27 AT 5/28-2	28	6F	Al	44.62	43.35	48.0	21	27	32	8	18	0.092	19.20	37.55
27 AT 5/30-2	30	6F	Al	47.76	46.55	51.0	21	27	34	8	18	0.105	20.10	39.31
27 AT 5/32-2	32	6F	Al	50.94	49.70	54.0	21	27	38	8	22	0.123	21.00	41.07
27 AT 5/36-2	36	6F	Al	57.31	56.05	63.0	21	27	38	8	22	0.160	22.50	44.01
27 AT 5/40-2	40	6F	Al	63.66	62.45	66.0	21	27	40	8	23	0.193	24.90	48.70
27 AT 5/42-2	42	6F	Al	66.87	65.60	71.0	21	27	40	8	24	0.205	24.90	48.70
27 AT 5/44-0	44	6	Al	70.07	68.80	—	21	27	45	8	26	0.228	26.10	51.05
27 AT 5/48-0	48	6	Al	76.42	75.15	—	21	27	50	8	28	0.280	26.40	51.63
27 AT 5/60-0	60	6	Al	95.52	94.25	—	21	27	65	8	35	0.430	31.80	62.20



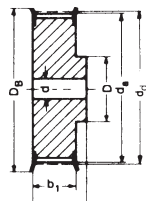
Type 6F



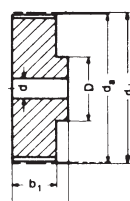
Type 6

**Section AT 5 – Pitch 5 mm for belt width 25 mm**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore d <sub>max</sub> (mm)	Weight (= kg)	Euro each	DM each
36 AT 5/12-2	12	6F	Al	19.01	17.85	23.0	30	36	10	—	6	0.031	<b>16.80</b>	<b>32.86</b>
36 AT 5/14-2	14	6F	Al	22.29	21.05	25.0	30	36	13	—	8	0.037	<b>16.80</b>	<b>32.86</b>
36 AT 5/15-2	15	6F	Al	23.88	22.65	28.0	30	36	16	6	10	0.041	<b>17.10</b>	<b>33.44</b>
36 AT 5/16-2	16	6F	Al	25.47	24.20	32.0	30	36	18	6	11	0.050	<b>17.40</b>	<b>34.03</b>
36 AT 5/18-2	18	6F	Al	28.65	27.40	32.0	30	36	19	6	12	0.061	<b>18.00</b>	<b>35.20</b>
36 AT 5/19-2	19	6F	Al	30.25	29.00	36.0	30	36	22	6	12	0.070	<b>18.30</b>	<b>35.79</b>
36 AT 5/20-2	20	6F	Al	31.83	30.60	36.0	30	36	23	6	14	0.076	<b>18.60</b>	<b>36.38</b>
36 AT 5/22-2	22	6F	Al	35.12	33.85	38.0	30	36	24	6	15	0.080	<b>20.10</b>	<b>39.31</b>
36 AT 5/24-2	24	6F	Al	38.21	37.00	42.0	30	36	26	8	15	0.109	<b>20.40</b>	<b>39.90</b>
36 AT 5/25-2	25	6F	Al	39.80	38.60	44.0	30	36	26	8	15	0.116	<b>21.00</b>	<b>41.07</b>
36 AT 5/26-2	26	6F	Al	41.47	40.20	44.0	30	36	26	8	16	0.120	<b>21.30</b>	<b>41.66</b>
36 AT 5/27-2	27	6F	Al	42.98	41.80	48.0	30	36	30	8	18	0.128	<b>21.90</b>	<b>42.83</b>
36 AT 5/28-2	28	6F	Al	44.62	43.35	48.0	30	36	32	8	18	0.135	<b>22.20</b>	<b>43.42</b>
36 AT 5/30-2	30	6F	Al	47.76	46.55	51.0	30	36	34	8	18	0.150	<b>22.50</b>	<b>44.01</b>
36 AT 5/32-2	32	6F	Al	50.94	49.70	54.0	30	36	38	8	22	0.176	<b>24.00</b>	<b>46.94</b>
36 AT 5/36-2	36	6F	Al	57.31	56.05	63.0	30	36	38	8	22	0.230	<b>24.90</b>	<b>48.70</b>
36 AT 5/40-2	40	6F	Al	63.66	62.45	66.0	30	36	40	8	23	0.276	<b>27.60</b>	<b>53.98</b>
36 AT 5/42-2	42	6F	Al	66.87	65.60	71.0	30	36	40	8	24	0.284	<b>27.90</b>	<b>54.57</b>
36 AT 5/44-0	44	6	Al	70.07	68.80	—	30	36	45	8	26	0.315	<b>29.40</b>	<b>57.50</b>
36 AT 5/48-0	48	6	Al	76.42	75.15	—	30	36	50	8	28	0.400	<b>31.50</b>	<b>61.61</b>
36 AT 5/60-0	60	6	Al	95.52	94.25	—	30	36	65	8	35	0.614	<b>38.10</b>	<b>74.52</b>



Type 6F



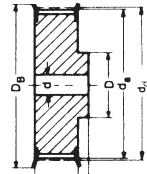
Type 6

**Section AT 10 – Pitch 10 mm for belt width 16 mm**

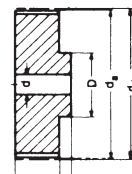
Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore d <sub>max</sub> (mm)	Weight (= kg)	Euro each	DM each
31 AT 10/15-2	15	6F	Al	47.75	45.90	51	21	31	32	8	18	0.116	18.60	36.38
31 AT 10/16-2	16	6F	Al	50.93	49.05	54	21	31	35	8	20	0.134	20.70	40.49
31 AT 10/18-2	18	6F	Al	57.29	55.45	60	21	31	40	8	22	0.167	21.90	42.83
31 AT 10/19-2	19	6F	Al	60.48	58.60	66	21	31	44	8	22	0.184	23.10	45.18
31 AT 10/20-2	20	6F	Al	63.66	61.80	66	21	31	46	8	24	0.208	24.30	47.53
31 AT 10/22-2	22	6F	Al	70.03	68.15	75	21	31	52	8	28	0.253	25.50	49.87
31 AT 10/24-2	24	6F	Al	76.39	74.55	83	21	31	58	8	30	0.288	28.80	56.33
31 AT 10/25-2	25	6F	Al	79.58	77.70	83	21	31	60	8	30	0.310	30.00	58.67
31 AT 10/26-2	26	6F	Al	82.76	80.90	87	21	31	60	8	30	0.357	31.50	61.61
31 AT 10/27-2	27	6F	Al	85.95	84.10	91	21	31	60	8	30	0.364	33.00	64.54
31 AT 10/28-2	28	6F	Al	89.13	87.25	93	21	31	60	8	30	0.401	34.20	66.89
31 AT 10/30-2	30	6F	Al	95.49	93.65	97	21	31	60	8	30	0.441	37.50	73.34
31 AT 10/32-2	32	6F	Al	101.86	100.00	106	21	31	65	10	32	0.493	43.80	85.67
31 AT 10/36-2	36	6F	Al	114.59	112.75	119	21	31	70	10	35	0.623	50.10	97.99
31 AT 10/40-2	40	6F	Al	127.32	125.45	131	21	31	80	10	40	0.767	63.00	123.22
31 AT 10/44-0	44	6	Al	140.06	138.20	—	21	31	88	10	46	0.993	67.80	132.61
31 AT 10/48-0	48	6	Al	152.78	150.95	—	21	31	95	16	48	1.090	75.30	147.27
31 AT 10/60-0	60	6	Al	190.98	189.10	—	21	31	110	16	60	1.710	107.00	209.27

**Section AT 10 – Pitch 10 mm for belt width 25 mm**

40 AT 10/15-2	15	6F	Al	47.75	45.90	51	30	40	32	8	18	0.152	22.50	44.01
40 AT 10/16-2	16	6F	Al	50.93	49.05	54	30	40	35	8	20	0.176	24.00	46.94
40 AT 10/18-2	18	6F	Al	57.29	55.45	60	30	40	40	8	22	0.224	25.80	50.46
40 AT 10/19-2	19	6F	Al	60.48	58.60	66	30	40	44	8	22	0.247	27.60	53.98
40 AT 10/20-2	20	6F	Al	63.66	61.80	66	30	40	46	8	24	0.276	28.80	56.33
40 AT 10/22-2	22	6F	Al	70.03	68.15	75	30	40	52	8	28	0.337	30.30	59.26
40 AT 10/24-2	24	6F	Al	76.39	74.55	83	30	40	58	8	30	0.392	33.00	64.54
40 AT 10/25-2	25	6F	Al	79.58	77.70	83	30	40	60	8	30	0.422	34.80	68.06
40 AT 10/26-2	26	6F	Al	82.76	80.90	87	30	40	60	8	30	0.477	36.90	72.17
40 AT 10/27-2	27	6F	Al	85.95	84.10	91	30	40	60	8	30	0.536	38.10	74.52
40 AT 10/28-2	28	6F	Al	89.13	87.25	93	30	40	60	8	30	0.540	39.60	77.45
40 AT 10/30-2	30	6F	Al	95.49	93.65	97	30	40	60	8	30	0.640	43.50	85.08
40 AT 10/32-2	32	6F	Al	101.86	100.00	106	30	40	65	10	32	0.693	50.10	97.99
40 AT 10/36-2	36	6F	Al	114.59	112.75	119	30	40	70	10	35	0.873	58.20	113.83
40 AT 10/40-2	40	6F	Al	127.32	125.45	131	30	40	80	10	40	1.067	73.20	143.17
40 AT 10/44-0	44	6	Al	140.06	138.20	—	30	40	88	10	46	1.350	78.60	153.73
40 AT 10/48-0	48	6	Al	152.78	150.95	—	30	40	95	16	48	1.516	87.90	171.92
40 AT 10/60-0	60	6	Al	190.98	189.10	—	30	40	110	16	60	2.339	115.00	224.92



Type 6F



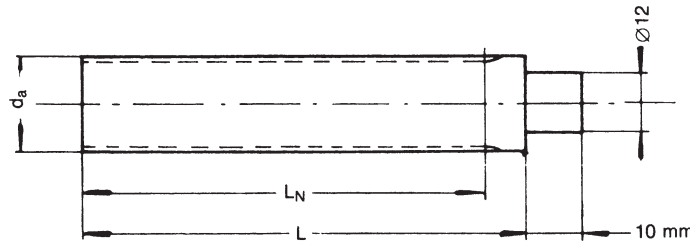
Type 6

**Section AT 10 – Pitch 10 mm for belt width 32 mm**

Part No.	No. of teeth	Type	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	D <sub>B</sub> (mm)	b <sub>1</sub> (mm)	B (mm)	D (mm)	Pilot bore d (mm)	Finished bore d <sub>max</sub> (mm)	Weight (= kg)	Euro each	DM each
47 AT 10/18-2	18	6F	Al	57.29	55.45	60	37	47	40	10	22	0.253	<b>29.70</b>	<b>58.09</b>
47 AT 10/19-2	19	6F	Al	60.48	58.60	66	37	47	44	10	22	0.286	<b>31.80</b>	<b>62.20</b>
47 AT 10/20-2	20	6F	Al	63.66	61.80	66	37	47	46	12	24	0.322	<b>33.90</b>	<b>66.30</b>
47 AT 10/22-2	22	6F	Al	70.03	68.15	75	37	47	52	12	28	0.393	<b>37.20</b>	<b>72.76</b>
47 AT 10/24-2	24	6F	Al	76.39	74.55	83	37	47	58	12	30	0.475	<b>38.70</b>	<b>75.69</b>
47 AT 10/25-2	25	6F	Al	79.58	77.70	83	37	47	60	12	30	0.527	<b>41.10</b>	<b>80.38</b>
47 AT 10/26-2	26	6F	Al	82.76	80.90	87	37	47	60	12	30	0.564	<b>44.70</b>	<b>87.43</b>
47 AT 10/27-2	27	6F	Al	85.95	84.10	91	37	47	60	12	30	0.602	<b>45.30</b>	<b>88.60</b>
47 AT 10/28-2	28	6F	Al	89.13	87.25	93	37	47	60	12	30	0.642	<b>46.50</b>	<b>90.95</b>
47 AT 10/30-2	30	6F	Al	95.49	93.65	97	37	47	60	12	30	0.740	<b>48.90</b>	<b>95.64</b>
47 AT 10/32-2	32	6F	Al	101.86	100.00	106	37	47	65	12	32	0.844	<b>55.80</b>	<b>109.14</b>
47 AT 10/36-2	36	6F	Al	114.59	112.75	119	37	47	70	16	35	1.083	<b>66.00</b>	<b>129.08</b>
47 AT 10/40-2	40	6F	Al	127.32	125.45	131	37	47	80	16	40	1.317	<b>82.80</b>	<b>161.94</b>
47 AT 10/44-0	44	6	Al	140.06	138.20	—	37	47	88	16	46	1.611	<b>91.20</b>	<b>178.37</b>
47 AT 10/48-0	48	6	Al	152.78	150.95	—	37	47	95	16	48	1.931	<b>101.00</b>	<b>197.54</b>
47 AT 10/60-0	60	6	Al	190.98	189.10	—	37	47	110	16	60	3.004	<b>133.00</b>	<b>260.13</b>

**Section AT 10 – Pitch 10 mm for belt width 50 mm**

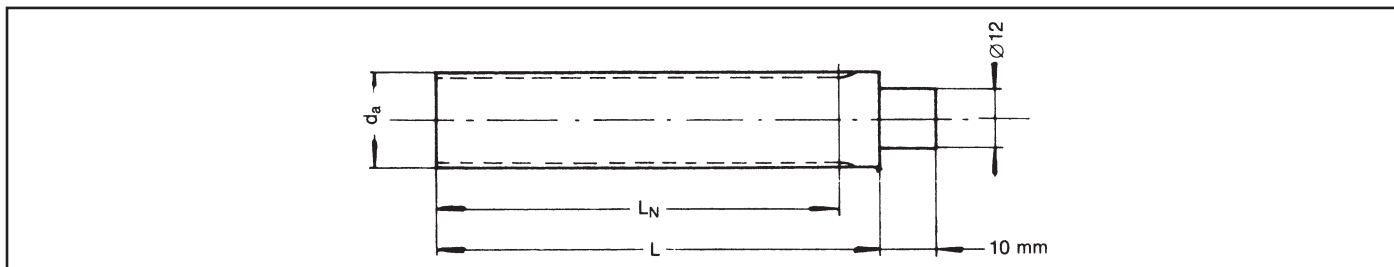
66 AT 10/18-2	18	6F	Al	57.29	55.45	60	56	66	40	10	22	0.422	<b>33.90</b>	<b>66.30</b>
66 AT 10/19-2	19	6F	Al	60.48	58.60	66	56	66	44	10	22	0.466	<b>36.90</b>	<b>72.17</b>
66 AT 10/20-2	20	6F	Al	63.66	61.80	66	56	66	46	12	24	0.520	<b>39.00</b>	<b>76.28</b>
66 AT 10/22-2	22	6F	Al	70.03	68.15	75	56	66	52	12	28	0.570	<b>43.20</b>	<b>84.49</b>
66 AT 10/24-2	24	6F	Al	76.39	74.55	83	56	66	58	12	30	0.736	<b>47.40</b>	<b>92.71</b>
66 AT 10/25-2	25	6F	Al	79.58	77.70	83	56	66	60	12	30	0.766	<b>49.20</b>	<b>96.23</b>
66 AT 10/26-2	26	6F	Al	82.76	80.90	87	56	66	60	12	30	0.816	<b>51.30</b>	<b>100.33</b>
66 AT 10/27-2	27	6F	Al	85.95	84.10	91	56	66	60	12	30	0.946	<b>53.10</b>	<b>103.85</b>
66 AT 10/28-2	28	6F	Al	89.13	87.25	93	56	66	60	12	30	0.960	<b>54.60</b>	<b>106.79</b>
66 AT 10/30-2	30	6F	Al	95.49	93.65	97	56	66	60	12	30	1.169	<b>60.60</b>	<b>118.52</b>
66 AT 10/32-2	32	6F	Al	101.86	100.00	106	56	66	65	12	32	1.300	<b>67.20</b>	<b>131.43</b>
66 AT 10/36-2	36	6F	Al	114.59	112.75	119	56	66	70	16	35	1.637	<b>85.50</b>	<b>167.22</b>
66 AT 10/40-2	40	6F	Al	127.32	125.45	131	56	66	80	16	40	1.999	<b>96.60</b>	<b>188.93</b>
66 AT 10/44-0	44	6	Al	140.06	138.20	—	56	66	88	16	46	2.357	<b>112.00</b>	<b>219.05</b>
66 AT 10/48-0	48	6	Al	152.78	150.95	—	56	66	95	16	48	2.830	<b>123.00</b>	<b>240.57</b>
66 AT 10/60-0	60	6	Al	190.98	189.10	—	56	66	110	16	60	4.366	<b>174.00</b>	<b>340.31</b>



**Section XL – Pitch 5,08 mm (1/5")**

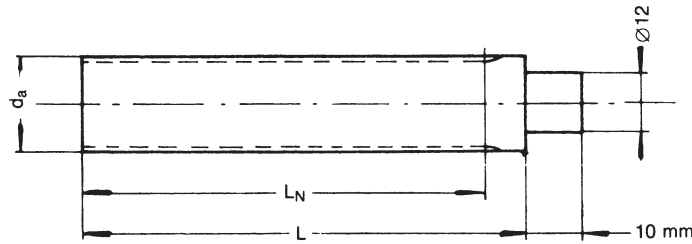
Part No.	No. of teeth	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	L <sub>N</sub> (mm)	L (mm)	Euro each	DM each
10 XL 125	10	St	16.17	15.66	125	140	19.70	38.53
11 XL 125	11	St	17.79	17.28	125	140	19.90	38.92
12 XL 125	12	St	19.40	18.89	125	140	22.10	43.22
13 XL 125	13	St	21.02	20.51	125	140	23.80	46.55
14 XL 132	14	St	22.64	22.13	132	140	25.70	50.26
15 XL 132	15	St	24.26	23.75	132	140	26.40	51.63
16 XL 140	16	St	25.87	25.36	140	140	28.50	55.74
17 XL 140	17	St	27.49	26.98	140	140	30.50	59.65
18 XL 140	18	St	29.11	28.60	140	140	30.70	60.04
19 XL 140	19	St	30.72	30.21	140	140	33.60	65.72
20 XL 140	20	St	32.34	31.83	140	140	36.60	71.58
21 XL 160	21	St	33.96	33.45	160	160	38.10	74.52
22 XL 160	22	St	35.57	35.06	160	160	39.80	77.84
23 XL 160	23	St	37.19	36.68	160	160	41.80	81.75
24 XL 160	24	St	38.81	38.30	160	160	43.90	85.86
25 XL 160	25	St	40.43	39.92	160	160	48.30	94.47
26 XL 160	26	St	42.04	41.53	160	160	51.30	100.33
27 XL 160	27	St	43.66	43.15	160	160	53.40	104.44
28 XL 160	28	St	45.28	44.77	160	160	55.10	107.77
29 XL 160	29	St	46.89	46.38	160	160	56.70	110.90
30 XL 160	30	St	48.51	48.00	160	160	58.30	114.02
32 XL 160	32	Al	51.74	51.23	160	160	71.10	139.06
33 XL 160	33	Al	53.36	52.76	160	160	75.30	147.27
34 XL 160	34	Al	54.98	54.47	160	160	80.40	157.25
35 XL 160	35	Al	56.60	56.09	160	160	81.90	160.18
36 XL 160	36	Al	58.21	57.70	160	160	84.10	164.49
38 XL 160	38	Al	61.45	60.94	160	160	92.90	181.70
39 XL 160	39	Al	63.06	62.55	160	160	98.00	191.67
40 XL 160	40	Al	64.68	64.17	160	160	105.00	205.36
41 XL 160	41	Al	66.30	65.79	160	160	108.00	211.23
42 XL 160	42	Al	67.91	67.40	160	160	108.00	211.23
43 XL 160	43	Al	69.53	69.02	160	160	116.00	226.88
44 XL 160	44	Al	71.15	70.64	160	160	118.00	230.79
48 XL 160	48	Al	77.62	77.11	160	160	134.00	262.08
56 XL 160	56	Al	90.55	90.04	160	160	156.00	305.11
60 XL 160	60	Al	97.02	96.51	160	160	181.00	354.01
72 XL 160	72	Al	116.43	115.92	160	160	266.00	520.25





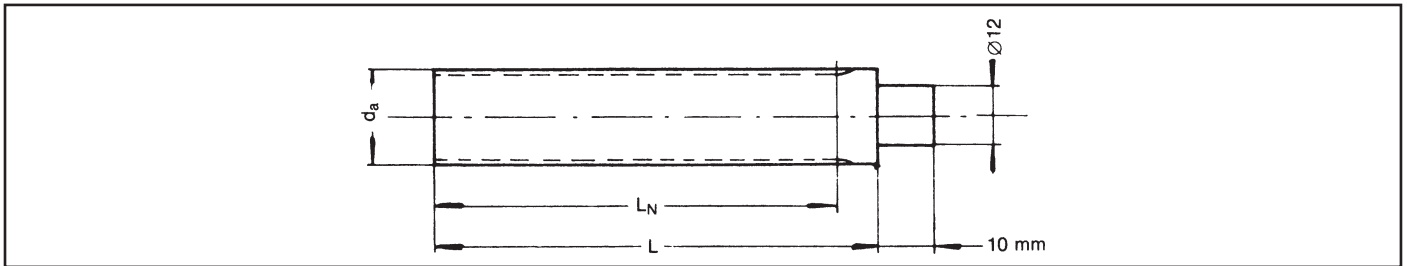
**Section L – Pitch 9,525 mm (3/8")**

Part No.	No. of teeth	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	L <sub>N</sub> (mm)	L (mm)	Euro each	DM each
10 L 140	10	St	30.32	29.56	140	140	25.20	49.29
11 L 140	11	St	33.35	32.59	140	140	28.20	55.15
12 L 160	12	St	36.38	35.62	160	160	30.10	58.87
13 L 160	13	St	39.41	38.65	160	160	33.30	65.13
14 L 160	14	St	42.45	41.68	160	160	33.70	65.91
15 L 160	15	St	45.48	44.72	160	160	36.50	71.39
16 L 160	16	St	48.51	47.75	160	160	40.60	79.41
17 L 160	17	St	51.54	50.78	160	160	47.20	92.32
18 L 160	18	St	54.57	53.81	160	160	50.00	97.79
19 L 160	19	St	57.61	56.84	160	160	50.70	99.16
20 L 160	20	St	60.64	59.88	160	160	54.30	106.20
21 L 160	21	St	63.67	62.91	160	160	55.20	107.96
22 L 160	22	St	66.70	65.94	160	160	58.40	114.22
23 L 160	23	St	69.73	68.97	160	160	63.30	123.80
24 L 160	24	St	72.77	72.00	160	160	64.60	126.35
27 L 160	27	St	81.86	81.10	160	160	108.00	211.23
30 L 160	30	St	90.96	90.20	160	160	139.00	271.86



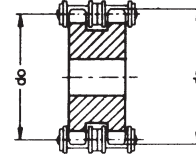
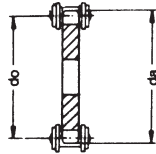
**Section T 5 – Pitch 5 mm**

Part No.	No. of teeth	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	L <sub>N</sub> (mm)	L (mm)	Euro each	DM each
125 T 5- 10	10	Al	15.92	15.05	125	140	17.60	34.42
125 T 5- 11	11	Al	17.51	16.65	125	140	18.60	36.38
125 T 5- 12	12	Al	19.01	18.25	125	140	19.60	38.33
125 T 5- 13	13	Al	20.70	19.85	125	140	20.20	39.51
132 T 5- 14	14	Al	22.29	21.45	132	140	20.90	40.88
132 T 5- 15	15	Al	23.88	23.05	132	140	21.50	42.05
140 T 5- 16	16	Al	25.47	24.60	140	140	23.50	45.96
140 T 5- 17	17	Al	27.06	26.20	140	140	25.20	49.29
140 T 5- 18	18	Al	28.65	27.80	140	140	27.30	53.39
140 T 5- 19	19	Al	30.25	29.40	140	140	29.40	57.50
160 T 5- 20	20	Al	31.83	31.00	160	160	31.50	61.61
160 T 5- 21	21	Al	33.43	32.70	160	160	33.90	66.30
160 T 5- 22	22	Al	35.12	34.25	160	160	36.20	70.80
160 T 5- 23	23	Al	36.62	35.85	160	160	37.90	74.13
160 T 5- 24	24	Al	38.21	37.40	160	160	39.60	77.45
160 T 5- 25	25	Al	39.80	39.00	160	160	41.00	80.19
160 T 5- 26	26	Al	41.47	40.60	160	160	44.10	86.25
160 T 5- 27	27	Al	42.98	42.20	160	160	47.10	92.12
160 T 5- 28	28	Al	44.62	43.75	160	160	49.70	97.20
160 T 5- 29	29	Al	46.17	45.35	160	160	51.90	101.51
160 T 5- 30	30	Al	47.76	46.95	160	160	54.10	105.81
160 T 5- 32	32	Al	50.94	50.10	160	160	57.50	112.46
160 T 5- 34	34	Al	54.13	53.25	160	160	63.50	124.20
160 T 5- 35	35	Al	55.72	54.85	160	160	67.60	132.21
160 T 5- 36	36	Al	57.31	56.45	160	160	71.40	139.65
160 T 5- 37	37	Al	58.90	58.06	160	160	75.50	147.67
160 T 5- 38	38	Al	60.50	59.65	160	160	78.50	153.53
160 T 5- 40	40	Al	63.66	62.85	160	160	79.90	156.27
160 T 5- 42	42	Al	66.87	66.00	160	160	87.30	170.74
160 T 5- 44	44	Al	70.07	69.20	160	160	94.90	185.61
160 T 5- 45	45	Al	71.64	70.80	160	160	97.70	191.08
160 T 5- 46	46	Al	73.23	72.40	160	160	101.00	197.54
160 T 5- 48	48	Al	76.42	75.55	160	160	106.00	207.32
160 T 5- 50	50	Al	79.60	78.75	160	160	114.00	222.96
160 T 5- 60	60	Al	95.52	94.65	160	160	154.00	301.20
160 T 5- 72	72	Al	114.62	113.75	160	160	208.00	406.81
160 T 5- 80	80	Al	127.36	126.48	160	160	245.00	479.18
160 T 5- 90	90	Al	143.28	142.40	160	160	299.00	584.79
160 T 5-100	100	Al	159.20	158.31	160	160	330.00	645.42

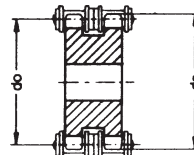
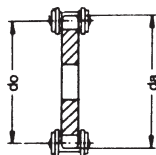


**Section T 10 – Pitch 10 mm**

Part No.	No. of teeth	Material	d <sub>d</sub> (mm)	d <sub>a</sub> (mm)	L <sub>N</sub> (mm)	L (mm)	Euro each	DM each
140 T 10-10	10	Al	31.83	29.98	140	140	24.80	48.50
140 T 10-11	11	Al	35.01	33.16	140	140	28.00	54.76
140 T 10-12	12	Al	38.20	36.35	140	140	31.10	60.83
140 T 10-13	13	Al	41.38	39.50	140	140	34.90	68.26
160 T 10-14	14	Al	44.56	42.70	160	160	40.50	79.21
160 T 10-15	15	Al	47.75	45.90	160	160	46.30	90.55
160 T 10-16	16	Al	50.93	49.05	160	160	52.80	103.27
160 T 10-17	17	Al	54.11	52.25	160	160	55.70	108.94
160 T 10-18	18	Al	57.29	55.45	160	160	60.80	118.91
160 T 10-19	19	Al	60.48	58.60	160	160	63.90	124.98
160 T 10-20	20	Al	63.66	61.60	160	160	69.30	135.54
160 T 10-21	21	Al	66.84	65.00	160	160	75.00	146.69
160 T 10-22	22	Al	70.03	68.15	160	160	79.80	156.08
160 T 10-23	23	Al	73.20	71.35	160	160	86.00	168.20
160 T 10-24	24	Al	76.39	74.55	160	160	94.90	185.61
160 T 10-26	26	Al	82.76	80.90	160	160	107.00	209.27
160 T 10-28	28	Al	89.13	87.25	160	160	120.00	234.70
160 T 10-30	30	Al	95.49	93.65	160	160	133.00	260.13
160 T 10-32	32	Al	101.86	100.00	160	160	162.00	316.84
160 T 10-34	34	Al	108.22	106.40	160	160	184.00	359.87
160 T 10-36	36	Al	114.59	112.75	160	160	195.00	381.39
160 T 10-38	38	Al	120.95	119.10	160	160	221.00	432.24
160 T 10-40	40	Al	127.32	125.45	160	160	243.00	475.27
160 T 10-45	45	Al	143.24	141.40	160	160	313.00	612.17
160 T 10-48	48	Al	152.78	150.95	160	160	353.00	690.41
160 T 10-60	60	Al	190.98	189.10	160	160	556.00	1087.44
160 T 10-72	72	Al	229.18	227.29	160	160	679.00	1328.01

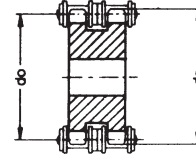
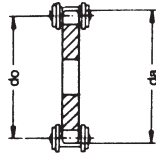


No. of teeth	Simplex		Duplex		Pitch diameter d <sub>o</sub> (mm)	Outside diameter d <sub>a</sub> (mm)	Material
	$(\frac{3}{8} \times \frac{7}{32})$						
	06 B - 1		06 B - 2				
	Euro/each	DM/each	Euro/each	DM/each			
10	2.30*	4.50*	8.00*	15.65*	30.82	34.0	St
11	2.30*	4.50*	8.30*	16.23*	33.81	37.0	St
12	2.40	4.69	8.50	16.62	36.80	40.0	St
13	2.40	4.69	8.60	16.82	39.80	43.0	St
14	2.50	4.89	8.70	17.02	42.80	46.3	St
15	2.50	4.89	9.30	18.19	45.81	49.3	St
16	2.60	5.09	9.50	18.58	48.82	52.3	St
17	2.70	5.28	9.60	18.78	51.84	55.3	St
18	2.80	5.48	9.70	18.97	54.85	58.3	St
19	2.90	5.67	10.10	19.75	57.87	61.3	St
20	2.90	5.67	10.30	20.15	60.89	64.3	St
21	3.00	5.87	10.90	21.32	63.91	68.0	St
22	3.10	6.06	11.20	21.91	66.93	71.0	St
23	3.20	6.26	11.60	22.69	69.95	73.5	St
24	3.30	6.45	12.20	23.86	72.97	77.0	St
25	3.40	6.65	12.30	24.06	76.00	80.0	St
26	3.50*	6.85*	12.70*	24.84*	79.02	83.0	St
27	3.60	7.04	13.00	25.43	82.05	86.0	St
28	3.70*	7.24*	13.70*	26.79*	85.07	89.0	St
29	3.80*	7.43*	14.00*	27.38*	88.10	92.0	St
30	3.90*	7.63*	14.60*	28.56*	91.12	94.7	St
31	4.20*	8.21*	14.90*	29.14*	94.15	98.3	St
32	4.40	8.61	15.10	29.53	97.18	101.3	St
33	4.60	9.00	15.30	29.92	100.20	104.3	St
34	4.70	9.19	15.50	30.32	103.23	107.3	St
35	4.90*	9.58*	15.90*	31.10*	106.26	110.4	St
36	5.10*	9.97*	16.50*	32.27*	109.29	113.4	St
37	5.30	10.37	17.20	33.64	112.32	116.4	St
38	5.40	10.56	17.80	34.81	115.34	119.5	St
39	5.60	10.95	18.60	36.38	118.37	122.5	St
40	5.80	11.34	19.30	37.75	121.40	125.5	St
41	6.20*	12.13*	20.60*	40.29*	124.43	128.5	St
42	6.60	12.91	21.30*	41.66*	127.46	131.6	St
43	6.90	13.50	21.90*	42.83*	130.49	134.6	St
44	7.10	13.89	22.30*	43.62*	133.52	137.6	St
45	7.30	14.28	23.00	44.98	136.55	140.7	St
46	7.90	15.45	24.40*	47.72*	139.58	143.7	St
47	8.00	15.65	25.10*	49.09*	142.61	146.7	St
48	8.20	16.04	25.90	50.66	145.64	149.7	St
49	8.40*	16.43*	26.40*	51.63*	148.67	152.7	St
50	8.60	16.82	27.10*	53.00*	151.69	155.7	St
54	10.70	20.93	30.10*	58.87*	163.82	167.8	St
57	11.00	21.51	31.00	60.63	172.91	176.9	St
60	11.30	22.10	33.70*	65.91*	182.00	186.0	St
65	15.60	30.51	42.10*	82.34*	197.15	201.6	St
70	17.70	34.62	46.50*	90.95*	212.30	216.7	St
72	18.70	36.57	49.30*	96.42*	218.37	222.8	St
76	20.20	39.51	53.90*	105.42*	230.49	234.9	St
80	23.10*	45.18*	59.20*	115.79*	242.61	247.1	St
95	34.90*	68.26*	80.20*	156.86*	288.08	292.5	St
100	39.00*	76.28*	89.40*	174.85*	303.24	307.7	St
114	54.90*	107.38*	119.00*	232.74*	345.68	349.5	St



No. of teeth	Simplex		Duplex		Pitch diameter d <sub>0</sub> (mm)	Outside diameter d <sub>a</sub> (mm)	Material
	(1/2 x 5/16")						
	08 B - 1		08 B - 2				
	Euro/each	DM/each	Euro/each	DM/each			
10	2.70	5.28	10.80	21.12	41.10	45.2	St
11	2.80	5.48	11.20	21.91	45.08	48.7	St
12	2.80	5.48	11.40	22.30	49.07	53.0	St
13	2.90	5.67	12.10	23.67	53.07	57.4	St
14	3.00	5.87	12.40	24.25	57.07	61.8	St
15	3.20	6.26	12.90	25.23	61.08	65.5	St
16	3.30	6.45	13.70	26.79	65.10	69.5	St
17	3.50	6.85	14.40	28.16	69.12	73.6	St
18	3.60	7.04	15.10	29.53	73.14	77.8	St
19	3.80	7.43	15.80	30.90	77.16	81.7	St
20	3.90	7.63	16.50	32.27	81.18	85.8	St
21	4.20	8.21	17.60	34.42	85.21	89.7	St
22	4.40	8.61	17.90	35.01	89.24	93.8	St
23	4.60	9.00	18.40	35.99	93.27	98.2	St
24	5.00	9.78	19.00	37.16	97.30	101.8	St
25	5.20	10.17	19.40	37.94	101.33	105.8	St
26	5.40	10.56	20.80	40.68	105.36	110.0	St
27	5.70	11.15	21.80	42.64	109.40	114.0	St
28	6.00	11.73	22.50	44.01	113.43	118.0	St
29	6.20	12.13	23.40	45.77	117.46	122.0	St
30	6.50	12.71	24.40	47.72	121.50	126.1	St
31	6.60	12.91	25.10	49.09	125.53	130.2	St
32	7.00	13.69	26.00	50.85	129.57	134.3	St
33	7.20	14.08	27.00	52.81	133.61	138.4	St
34	7.60	14.86	27.90	54.57	137.64	142.6	St
35	7.70	15.06	28.90	56.52	141.68	146.7	St
36	8.10	15.84	29.20	57.11	145.72	151.0	St
37	8.40	16.43	30.20	59.07	149.75	154.6	St
38	8.60	16.82	31.40	61.41	153.79	158.6	St
39	9.00	17.60	32.60	63.76	157.83	162.7	St
40	9.30	18.19	33.70	65.91	161.87	166.8	St
41	9.60	18.78	34.80*	68.06*	165.91	171.4	St
42	10.10	19.75	36.10*	70.61*	169.94	175.4	St
43	10.30	20.15	37.50*	73.34*	173.98	179.7	St
44	10.70	20.93	38.50*	75.30*	178.02	183.8	St
45	11.00	21.51	39.70	77.65	182.06	188.0	St
46	11.80	23.08	41.90*	81.95*	186.10	192.1	St
47	12.10	23.67	43.30*	84.69*	190.14	196.2	St
48	12.40	24.25	44.70*	87.43*	194.18	200.3	St
49	12.90*	25.23*	46.00*	89.97*	198.22	204.3	St
50	13.20	25.82	47.40*	92.71*	202.26	208.3	St
54	15.40	30.12	54.20*	106.01*	218.42	224.1	St
57	17.00	33.25	57.00	111.48	230.54	236.4	St
60	18.70	36.57	65.10*	127.32*	242.66	248.6	St
65	28.00	54.76	81.30*	159.01*	262.87	269.0	St
70	32.40	63.37	87.20*	170.55*	283.07	289.0	St
72	35.40	69.24	94.30*	184.43*	291.15	297.2	St
76	39.90	78.04	97.80*	191.28*	307.32	313.3	St
80	43.20*	84.49*	114.00*	222.96*	323.49	329.4	St
95	66.60*	130.26*	169.00*	330.54*	384.11	390.1	St
100	73.60*	143.95*	186.00*	363.78*	404.32	410.3	St
114	95.20*	186.20*	240.00*	469.40*	460.91	466.9	St

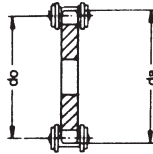




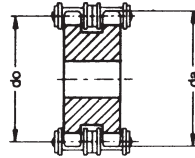
No. of teeth	Simplex		Duplex		Pitch diameter d <sub>o</sub> (mm)	Outside diameter d <sub>a</sub> (mm)	Material
	$(\frac{5}{8} \times \frac{3}{8}'' )$						
	10 B - 1		10 B - 2				
	Euro/each	DM/each	Euro/each	DM/each			
10	3.70	7.24	13.70	26.79	51.37	57.5	St
11	3.80	7.43	13.90	27.19	56.35	63.0	St
12	3.80	7.43	14.90	29.14	61.34	68.0	St
13	4.00	7.82	16.00	31.29	66.33	73.0	St
14	4.20	8.21	16.60	32.47	71.34	78.0	St
15	4.50	8.80	17.60	34.42	76.35	83.0	St
16	4.80	9.39	18.80	36.77	81.37	88.0	St
17	5.20	10.17	19.90	38.92	86.39	93.0	St
18	5.60	10.95	20.90	40.88	91.42	98.3	St
19	6.00	11.73	22.00	43.03	96.45	103.3	St
20	6.40	12.52	23.00	44.98	101.48	108.4	St
21	7.00	13.69	26.20	51.24	106.51	113.4	St
22	7.40	14.47	27.30	53.39	111.55	118.0	St
23	7.80	15.26	28.90	56.52	116.59	123.4	St
24	8.30	16.23	30.00	58.67	121.62	128.3	St
25	8.60	16.82	31.50	61.61	126.66	134.0	St
26	9.20	17.99	33.70	65.91	131.70	139.0	St
27	9.70	18.97	34.70	67.87	136.74	144.0	St
28	10.20	19.95	35.40	69.24	141.79	148.7	St
29	10.90	21.32	36.50	71.39	146.83	153.8	St
30	11.20	21.91	37.00	72.37	151.87	158.8	St
31	11.60	22.69	41.80	81.75	156.92	163.9	St
32	12.00	23.47	43.90	85.86	161.96	168.9	St
33	12.40	24.25	45.70	89.38	167.01	174.5	St
34	12.90	25.23	47.90	93.68	172.05	179.0	St
35	13.40	26.21	49.90	97.60	177.10	184.1	St
36	13.90	27.19	51.90	101.51	182.15	189.1	St
37	14.50	28.36	54.20	106.01	187.19	194.2	St
38	15.10	29.53	54.60	106.79	192.24	199.2	St
39	15.70	30.71	56.90	111.29	197.29	204.2	St
40	16.20	31.68	55.40	108.35	202.33	209.3	St
41	17.90	35.01	58.00*	113.44*	207.38	214.8	St
42	18.20	35.60	59.90*	117.15*	212.43	219.9	St
43	19.00	37.16	62.40*	122.04*	217.48	224.9	St
44	19.90	38.92	64.80*	126.74*	222.53	230.0	St
45	20.60	40.29	67.00	131.04	227.58	235.0	St
46	21.90	42.83	70.80*	138.47*	232.63	240.1	St
47	22.90	44.79	73.70*	144.14*	237.68	245.1	St
48	23.90	46.74	76.90*	150.40*	242.73	250.2	St
49	24.60	48.11	—	—	247.78	255.2	St
50	25.70	50.26	83.10*	162.53*	252.82	260.3	St
54	33.10	64.74	97.80*	191.28*	273.03	280.5	St
57	36.40	71.19	102.00*	199.49*	288.18	296.0	St
60	39.80	77.84	114.00*	222.96*	303.33	310.8	St
65	52.80*	103.27*	151.00*	295.33*	328.58	336.5	St
70	59.40*	116.18*	163.00*	318.80*	353.84	361.8	St
72	63.50*	124.20*	172.00*	336.40*	363.94	371.9	St
76	70.10*	137.10*	192.00*	375.52*	384.15	392.1	St
80	84.60*	165.46*	211.00*	412.68*	404.36	412.3	St
95	132.00*	258.17*	306.00*	598.48*	480.14	488.5	St
100	152.00*	297.29*	337.00*	659.11*	505.40	513.4	St
114	206.00*	402.90*	441.00*	862.52*	576.13	584.1	St



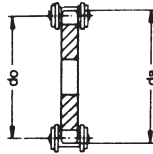
No. of teeth	Simplex		Duplex		Pitch diameter $d_o$ (mm)	Outside diameter $d_a$ (mm)	Material
	$(\frac{3}{4} \times \frac{7}{16}'' )$						
	12 B - 1		12 B - 2				
	Euro/each	DM/each	Euro/each	DM/each			
10	5.70	11.15	20.20	39.51	61.65	69.0	St
11	6.30	12.32	20.50	40.09	67.62	75.0	St
12	6.40	12.52	21.00	41.07	73.60	81.5	St
13	6.50	12.71	21.10	41.27	79.60	87.5	St
14	7.00	13.69	21.70	42.44	85.61	93.6	St
15	7.40	14.47	22.90	44.79	91.63	99.8	St
16	8.00	15.65	24.60	48.11	97.65	105.5	St
17	8.50	16.62	26.40	51.63	103.67	111.5	St
18	9.10	17.80	28.00	54.76	109.70	118.0	St
19	9.60	18.78	29.80	58.28	115.74	124.2	St
20	10.10	19.75	31.50	61.61	121.78	129.7	St
21	10.90	21.32	34.80	68.06	127.82	136.0	St
22	11.60	22.69	36.70	71.78	133.86	141.8	St
23	12.20	23.86	38.40	75.10	139.90	149.0	St
24	13.00	25.43	42.00	82.14	145.95	153.9	St
25	13.70	26.79	43.90	85.86	151.99	160.0	St
26	14.50	28.36	46.90	91.73	158.04	165.9	St
27	15.40	30.12	49.10	96.03	164.09	172.3	St
28	16.40	32.08	51.10	99.94	170.14	178.0	St
29	17.20	33.64	53.20	104.05	176.19	184.1	St
30	18.10	35.40	55.00	107.57	182.25	190.5	St
31	19.50	38.14	58.50	114.42	188.30	196.3	St
32	20.40	39.90	62.00	121.26	194.35	203.3	St
33	21.60	42.25	64.30	125.76	200.41	209.3	St
34	22.40	43.81	67.40	131.82	206.46	214.6	St
35	23.20	45.38	70.80	138.47	212.52	221.0	St
36	24.60*	48.11*	71.80*	140.43*	218.57	226.8	St
37	26.00*	50.85*	75.10*	146.88*	224.63	232.9	St
38	27.30*	53.39*	78.70*	153.92*	230.69	239.0	St
39	28.50*	55.74*	82.30*	160.96*	236.74	245.1	St
40	30.00*	58.67*	85.80*	167.81*	242.80	251.3	St
41	31.20*	61.02*	91.70*	179.35*	248.86	257.3	St
42	32.60*	63.76*	96.10*	187.96*	254.92	264.5	St
43	33.90*	66.30*	99.50*	194.61*	260.98	270.5	St
44	35.20*	68.85*	104.00*	203.41*	267.03	276.5	St
45	36.50	71.39	108.00	211.23	273.09	282.5	St
46	41.00*	80.19*	114.00*	222.96*	279.15	287.9	St
47	42.60*	83.32*	119.00*	232.74*	285.21	294.0	St
48	44.20*	86.45*	122.00*	238.61*	291.27	300.1	St
49	46.10*	90.16*	—	—	297.33	306.2	St
50	47.70*	93.29*	131.00*	256.21*	303.39	312.3	St
54	57.40	112.26	150.00*	293.37*	327.63	336.6	St
57	63.80	124.78	162.00*	316.84*	345.81	355.4	St
60	70.60	138.08	189.00*	369.65*	363.99	373.0	St
65	90.00*	176.02*	242.00*	473.31*	394.30	403.2	St
70	100.00*	195.58*	257.00*	502.65*	424.61	433.6	St
72	106.00*	207.32*	272.00*	531.99*	436.73	447.0	St
76	119.00*	232.74*	293.00*	573.06*	460.98	469.9	St
80	137.00*	267.95*	334.00*	653.25*	485.23	494.2	St
95	209.00*	408.77*	486.00*	950.53*	576.17	585.1	St
100	249.00*	487.00*	548.00*	1071.79*	606.48	615.4	St
114	307.00*	600.44*	706.00*	1380.82*	691.36	700.6	St



No. of teeth	Simplex		Pitch diameter d <sub>o</sub> (mm)	Outside diameter d <sub>a</sub> (mm)	Material
	(1" x 17 mm)				
	16 B - 1				
	Euro/each	DM/each			
10	10.90	21.32	82.20	93.0	St
11	12.00	23.47	90.16	99.5	St
12	13.00	25.43	98.14	109.0	St
13	14.00	27.38	106.14	117.0	St
14	15.00	29.34	114.15	125.0	St
15	16.00	31.29	122.17	133.0	St
16	17.60	34.42	130.20	141.0	St
17	19.00	37.16	138.23	149.0	St
18	20.50	40.09	146.27	157.0	St
19	21.90	42.83	154.32	165.2	St
20	23.40	45.77	162.37	173.2	St
21	25.20	49.29	170.42	181.2	St
22	27.00	52.81	178.48	189.3	St
23	28.70	56.13	186.54	197.5	St
24	30.60	59.85	194.60	205.5	St
25	32.30	63.17	202.66	213.5	St
26	34.30	67.08	210.72	221.6	St
27	35.90	70.21	218.79	229.6	St
28	37.80	73.93	226.86	237.7	St
29	39.70	77.65	234.93	245.8	St
30	41.30	80.78	243.00	254.0	St
31	48.90	95.64	251.07	262.0	St
32	51.90	101.51	259.14	270.0	St
33	55.00*	107.57*	267.21	278.5	St
34	58.00*	113.44*	275.28	287.0	St
35	61.20	119.70	283.36	296.2	St
36	60.20	117.74	291.43	304.6	St
37	63.50	124.20	299.51	312.6	St
38	66.20	129.48	307.58	320.7	St
39	69.20*	135.34*	315.66	328.8	St
40	72.00	140.82	323.74	336.9	St
41	77.40*	151.38*	331.81	345.0	St
42	81.20*	158.81*	339.89	353.0	St
43	85.30*	166.83*	347.97	361.1	St
44	89.10*	174.26*	356.05	369.1	St
45	93.50	182.87	364.12	377.1	St
46	95.20*	186.20*	372.20	385.2	St
47	99.50*	194.61*	380.28	393.2	St
48	103.00*	201.45*	388.36	401.3	St
49	107.00*	209.27*	396.44	409.3	St
50	111.00*	217.10*	404.52	417.4	St
54	129.00*	252.30*	436.84	448.3	St
57	142.00	277.73	461.08	474.0	St
60	155.00*	303.15*	485.33	498.3	St
65	226.00*	442.02*	525.73	538.8	St
70	273.00*	533.94*	566.15	579.2	St
72	285.00*	557.41*	582.31	595.4	St
76	303.00*	592.62*	614.64	627.0	St
80	347.00*	678.67*	646.97	660.0	St
95	512.00*	1001.38*	768.22	781.1	St
100	600.00*	1173.50*	808.64	821.1	St
114	769.00*	1504.03*	921.81	934.3	St

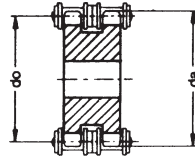


No. of teeth	Duplex		Pitch diameter d <sub>o</sub> (mm)	Outside diameter d <sub>a</sub> (mm)	Material
	(1" x 17 mm)				
	16 B - 2				
	Euro/each	DM/each			
10	36.10*	70.61*	82.20	93.0	St
11	37.10*	72.56*	90.16	99.5	St
12	39.20*	76.67*	98.14	109.0	St
13	43.10*	84.30*	106.14	117.0	St
14	45.10*	88.21*	114.15	125.0	St
15	48.70*	95.25*	122.17	133.0	St
16	55.50*	108.55*	130.20	141.0	St
17	60.20	117.74	138.23	149.0	St
18	65.30	127.72	146.27	157.0	St
19	69.90	136.71	154.32	165.2	St
20	74.80	146.30	162.37	173.2	St
21	78.70	153.92	170.42	181.2	St
22	84.50	165.27	178.48	189.3	St
23	89.10	174.26	186.54	197.5	St
24	93.50	182.87	194.60	205.5	St
25	96.90	189.52	202.66	213.5	St
26	105.00	205.36	210.72	221.6	St
27	112.00	219.05	218.79	229.6	St
28	121.00	236.66	226.86	237.7	St
29	131.00	256.21	234.93	245.8	St
30	139.00	271.86	243.00	254.0	St
31	145.00*	283.60*	251.07	262.0	St
32	154.00*	301.20*	259.14	270.0	St
33	160.00*	312.93*	267.21	278.5	St
34	168.00*	328.58*	275.28	287.0	St
35	174.00	340.31	283.36	296.2	St
36	187.00	365.74	291.43	304.6	St
37	203.00	397.03	299.51	312.6	St
38	211.00	412.68	307.58	320.7	St
39	224.00	438.11	315.66	328.8	St
40	235.00	459.62	323.74	336.9	St
42	261.00*	510.47*	339.89	353.0	St
43	273.00*	533.94*	347.97	361.1	St
44	281.00*	549.59*	356.05	369.1	St
45	291.00	569.15	364.12	377.1	St
48	329.00*	643.47*	388.36	401.3	St
57	431.00	842.96	461.08	474.0	St
76	824.00*	1611.60*	614.64	627.0	St
95	1351.00*	2642.33*	768.22	781.1	St
114	1927.00*	3768.88*	921.81	934.3	St

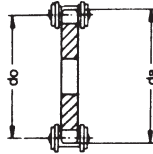


No. of teeth	Simplex		Pitch diameter d <sub>o</sub> (mm)	Outside diameter d <sub>a</sub> (mm)	Material
	(1 1/4 x 3/4")				
	20 B - 1				
	Euro/each	DM/each			
10	21.30*	41.66*	102.75	117.9	St
11	23.00*	44.98*	112.70	127.8	St
12	24.40*	47.72*	122.67	137.8	St
13	26.10*	51.05*	132.67	147.8	St
14	27.70*	54.18*	142.68	157.8	St
15	29.10	56.91	152.71	167.9	St
16	32.00	62.59	162.75	177.9	St
17	34.90	68.26	172.79	187.9	St
18	37.90	74.13	182.84	198.0	St
19	40.80	79.80	192.90	208.1	St
20	43.70	85.47	202.96	218.1	St
21	46.50	90.95	213.03	228.2	St
22	50.00*	97.79*	223.10	238.3	St
23	53.30*	104.25*	233.17	248.3	St
24	56.30	110.11	243.25	258.4	St
25	59.40	116.18	253.32	268.5	St
26	65.10	127.32	263.41	278.6	St
27	69.80	136.52	273.49	288.6	St
28	74.50	145.71	283.57	298.7	St
29	79.60	155.68	293.66	308.8	St
30	81.30	159.01	303.75	318.9	St
31	86.70	169.57	313.83	329.0	St
32	92.60	181.11	323.92	339.1	St
33	97.80	191.28	334.01	349.2	St
34	102.00	199.49	344.10	359.3	St
35	107.00	209.27	354.20	369.4	St
36	114.00	222.96	364.29	379.5	St
37	122.00*	238.61*	374.38	389.5	St
38	128.00*	250.35*	384.48	399.6	St
39	133.00*	260.13*	394.57	409.7	St
40	141.00*	275.77*	404.67	419.8	St
41	148.00*	289.46*	414.77	429.9	St
42	155.00*	303.15*	424.86	440.0	St
43	160.00*	312.93*	434.96	450.1	St
44	168.00*	328.58*	445.06	460.2	St
45	175.00	342.27	455.15	470.3	St
48	218.00*	426.37*	485.45	500.6	St
57	283.00*	553.50*	576.35	591.5	St
65	439.00*	858.61*	657.17	672.3	St
76	621.00*	1214.57*	768.30	783.5	St
95	1020.00*	1994.95*	960.28	975.4	St
114	1600.00*	3129.33*	1152.27	1167.4	St

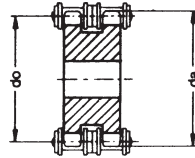




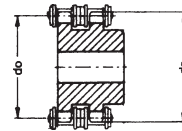
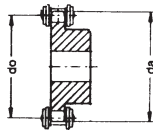
No. of teeth	Duplex		Pitch diameter $d_o$ (mm)	Outside diameter $d_a$ (mm)	Material
	$(1\frac{1}{4} \times \frac{3}{4})$				
	20 B - 2				
	Euro/each	DM/each			
10	64.50*	126.15*	102.75	117.9	St
11	68.60*	134.17*	112.70	127.8	St
12	75.10*	146.88*	122.67	137.8	St
13	81.90*	160.18*	132.67	147.8	St
14	88.20*	172.50*	142.68	157.8	St
15	95.20*	186.20*	152.71	167.9	St
16	100.00*	195.58*	162.75	177.9	St
17	108.00*	211.23*	172.79	187.9	St
18	116.00*	226.88*	182.84	198.0	St
19	125.00*	244.48*	192.90	208.1	St
20	134.00*	262.08*	202.96	218.1	St
21	150.00*	293.37*	213.03	228.2	St
22	164.00*	320.76*	223.10	238.3	St
23	178.00*	348.14*	233.17	248.3	St
24	194.00*	379.43*	243.25	258.4	St
25	210.00*	410.72*	253.32	268.5	St
26	224.00*	438.11*	263.41	278.6	St
27	241.00*	471.36*	273.49	288.6	St
28	261.00*	510.47*	283.57	298.7	St
29	279.00*	545.68*	293.66	308.8	St
30	286.00*	559.37*	303.75	318.9	St
31	307.00*	600.44*	313.83	329.0	St
32	322.00*	629.78*	323.92	339.1	St
34	348.00*	680.63*	344.10	359.3	St
35	363.00*	709.97*	354.20	369.4	St
36	385.00*	752.99*	364.29	379.5	St
38	424.00	829.27	384.48	399.6	St
40	462.00*	903.59*	404.67	419.8	St
45	599.00*	1171.54*	455.15	470.3	St
48	693.00*	1355.39*	485.45	500.6	St
57	945.00*	1848.26*	576.35	591.5	St
65	1263.00*	2470.21*	657.17	672.3	St
76	1729.00*	3381.63*	768.30	783.5	St
95	2783.00*	5443.07*	960.28	975.4	St
114	3780.00*	7393.04*	1152.27	1167.4	St



No. of teeth	Simplex		Pitch diameter d <sub>o</sub> (mm)	Outside diameter d <sub>a</sub> (mm)	Material
	(1 1/2 x 1")				
	24 B - 1				
	Euro/each	DM/each			
10	32.90*	64.35*	123.29	138.0	St
11	37.20*	72.76*	135.23	150.0	St
12	41.20*	80.58*	147.21	162.0	St
13	45.90*	89.77*	159.20	174.2	St
14	49.90*	97.60*	171.22	186.2	St
15	54.20	106.01	183.25	198.2	St
16	55.30	108.16	195.29	210.3	St
17	60.00	117.35	207.35	222.3	St
18	64.40	125.96	219.41	234.3	St
19	68.90	134.76	231.48	246.5	St
20	73.30	143.36	243.55	258.6	St
21	80.00	156.47	255.63	270.6	St
22	86.50*	169.18*	267.72	282.7	St
23	93.50*	182.87*	279.80	294.8	St
24	99.50	194.61	291.90	306.8	St
25	106.00	207.32	303.99	319.0	St
26	120.00	234.70	316.09	331.0	St
27	128.00*	250.35*	328.19	343.2	St
28	138.00*	269.90*	340.29	355.2	St
29	145.00*	283.60*	352.39	367.3	St
30	155.00*	303.15*	364.49	379.5	St
31	168.00*	328.58*	376.60	391.6	St
32	178.00*	348.14*	388.71	403.7	St
33	186.00*	363.78*	400.82	415.8	St
34	198.00*	387.25*	412.93	427.8	St
35	205.00*	400.95*	425.04	440.0	St
36	225.00*	440.06*	437.15	452.0	St
37	234.00*	457.66*	449.26	464.2	St
38	244.00	477.22	461.37	476.2	St
40	264.00*	516.34*	485.60	500.6	St
41	281.00*	549.59*	497.72	512.6	St
42	293.00*	573.06*	509.83	524.7	St
43	309.00*	604.35*	521.95	536.8	St
44	321.00*	627.82*	534.07	549.0	St
45	334.00*	653.25*	546.19	561.2	St
48	397.00*	776.46*	582.54	597.4	St
57	558.00*	1091.35*	691.62	706.5	St
65	781.00*	1527.50*	788.60	803.4	St
76	1050.00*	2053.62*	921.96	936.9	St
95	1789.00*	3498.98*	1152.33	1167.3	St



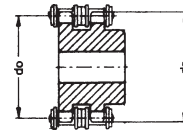
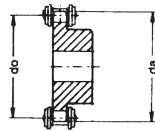
No. of teeth	Duplex		Pitch diameter d <sub>0</sub> (mm)	Outside diameter d <sub>a</sub> (mm)	Material
	(1 1/2 x 1")				
	24 B - 2				
	Euro/each	DM/each			
10	124.00*	242.52*	123.29	138.0	St
11	133.00*	260.13*	135.23	150.0	St
12	142.00*	277.73*	147.21	162.0	St
13	148.00*	289.46*	159.20	174.2	St
14	163.00*	318.80*	171.22	186.2	St
15	178.00*	348.14*	183.25	198.2	St
16	194.00*	379.43*	195.29	210.3	St
17	209.00*	408.77*	207.35	222.3	St
18	223.00*	436.15*	219.41	234.3	St
19	239.00*	467.44*	231.48	246.5	St
20	254.00*	496.78*	243.55	258.6	St
21	281.00*	549.59*	255.63	270.6	St
22	307.00*	600.44*	267.72	282.7	St
23	328.00*	641.51*	279.80	294.8	St
24	356.00*	696.28*	291.90	306.8	St
25	371.00*	725.61*	303.99	319.0	St
26	412.00*	805.80*	316.09	331.0	St
27	441.00*	862.52*	328.19	343.2	St
28	467.00*	913.37*	340.29	355.2	St
29	494.00*	966.18*	352.39	367.3	St
30	524.00*	1024.85*	364.49	379.5	St
31	572.00*	1118.73*	376.60	391.6	St
32	604.00*	1181.32*	388.71	403.7	St
33	636.00*	1243.91*	400.82	415.8	St
34	670.00*	1310.41*	412.93	427.8	St
35	707.00*	1382.77*	425.04	440.0	St
36	712.00*	1392.55*	437.15	452.0	St
37	741.00*	1449.27*	449.26	464.2	St
38	769.00*	1504.03*	461.37	476.2	St
40	830.00*	1623.34*	485.60	500.6	St
45	1127.00*	2204.22*	546.19	561.2	St
48	1235.00*	2415.45*	582.54	597.4	St
57	1561.00*	3053.05*	691.62	706.5	St
65	2071.00*	4050.52*	788.60	803.4	St
76	2801.00*	5478.28*	921.96	936.9	St



No. of teeth	Simplex		Duplex		Pitch diameter d <sub>o</sub> (mm)	Outside diameter d <sub>a</sub> (mm)	Material
	$(\frac{3}{8} \times \frac{7}{32}'' )$						
	06 B - 1		06 B - 2				
	Euro/each	DM/each	Euro/each	DM/each			
8	2.80	5.48	5.40	10.56	24.89	28.0	St
9	3.00	5.87	5.40	10.56	27.85	31.0	St
10	3.00	5.87	5.60	10.95	30.82	34.0	St
11	3.00	5.87	5.60	10.95	33.81	37.0	St
12	3.20	6.26	5.80	11.34	36.80	40.0	St
13	3.20	6.26	6.00	11.73	39.80	43.0	St
14	3.40	6.65	6.00	11.73	42.80	46.3	St
15	3.40	6.65	6.20	12.13	45.81	49.3	St
16	3.60	7.04	6.40	12.52	48.82	52.3	St
17	3.80	7.43	6.90	13.50	51.84	55.3	St
18	4.20	8.21	7.10	13.89	54.85	58.3	St
19	4.40	8.61	7.40	14.47	57.87	61.3	St
20	4.60	9.00	7.60	14.86	60.89	64.3	St
21	4.80	9.39	8.20	16.04	63.91	68.0	St
22	5.20	10.17	8.60	16.82	66.93	71.0	St
23	5.40	10.56	9.30	18.19	69.95	73.5	St
24	5.60	10.95	9.70	18.97	72.97	77.0	St
25	6.00	11.73	10.20	19.95	76.00	80.0	St
26	6.20	12.13	10.80	21.12	79.02	83.0	St
27	6.60	12.91	11.70	22.88	82.05	86.0	St
28	7.10	13.89	12.50	24.45	85.07	89.0	St
29	8.00	15.65	14.30	27.97	88.10	92.0	St
30	8.60	16.82	15.10	29.53	91.12	94.7	St
31	9.00	17.60	15.90	31.10	94.15	98.3	St
32	9.70	18.97	16.50	32.27	97.18	101.3	St
33	10.00	19.56	17.30	33.84	100.20	104.3	St
34	10.20	19.95	17.30	33.84	103.23	107.3	St
35	10.20	19.95	17.50	34.23	106.26	110.4	St
36	10.40	20.34	17.70	34.62	109.29	113.4	St
37	11.90	23.27	20.10	39.31	112.32	116.4	St
38	12.10	23.67	20.90	40.88	115.34	119.5	St
39	12.50	24.45	21.70	42.44	118.37	122.5	St
40	12.80	25.03	23.10	45.18	121.40	125.5	St
45	19.60	38.33	31.70	62.00	136.55	140.7	GG
57	20.30	39.70	32.70	63.96	172.91	176.9	GG
76	26.10	51.05	39.20	76.67	230.49	234.9	GG
95	37.80	73.93	50.60	98.96	288.08	292.5	GG
114	46.60*	91.14*	73.50*	143.75*	345.68	349.5	GG



No. of teeth	Simplex		Duplex		Pitch diameter $d_0$ (mm)	Outside diameter $d_a$ (mm)	Material
	$(\frac{1}{2} \times \frac{5}{16}'' )$						
	08 B - 1		08 B - 2				
	Euro/each	DM/each	Euro/each	DM/each			
8	3.40	6.65	6.90	13.50	33.19	37.2	St
9	3.60	7.04	7.10	13.89	37.13	41.0	St
10	3.60	7.04	7.10	13.89	41.10	45.2	St
11	3.80	7.43	7.20	14.08	45.08	48.7	St
12	4.00	7.82	7.60	14.86	49.07	53.0	St
13	4.20	8.21	7.80	15.26	53.07	57.4	St
14	4.40	8.61	8.00	15.65	57.07	61.8	St
15	4.60	9.00	8.40	16.43	61.08	65.5	St
16	5.00	9.78	9.30	18.19	65.10	69.5	St
17	5.20	10.17	9.90	19.36	69.12	73.6	St
18	5.60	10.95	10.60	20.73	73.14	77.8	St
19	6.00	11.73	11.20	21.91	77.16	81.7	St
20	6.20	12.13	11.90	23.27	81.18	85.8	St
21	6.60	12.91	12.80	25.03	85.21	89.7	St
22	7.20	14.08	13.70	26.79	89.24	93.8	St
23	7.60	14.86	14.70	28.75	93.27	98.2	St
24	8.00	15.65	15.50	30.32	97.30	101.8	St
25	8.40	16.43	16.30	31.88	101.33	105.8	St
26	9.00	17.60	17.90	35.01	105.36	110.0	St
27	9.50	18.58	19.30	37.75	109.40	114.0	St
28	9.90	19.36	20.90	40.88	113.43	118.0	St
29	11.50	22.49	24.50	47.92	117.46	122.0	St
30	12.10	23.67	25.90	50.66	121.50	126.1	St
31	12.70	24.84	27.30	53.39	125.53	130.2	St
32	13.70	26.79	27.90	54.57	129.57	134.3	St
33	14.30	27.97	29.70	58.09	133.61	138.4	St
34	14.50	28.36	30.10	58.87	137.64	142.6	St
35	14.50	28.36	30.90	60.44	141.68	146.7	St
36	15.10	29.53	31.50	61.61	145.72	151.0	St
37	17.30	33.84	35.20	68.85	149.75	154.6	St
38	17.90	35.01	35.90	70.21	153.79	158.6	St
39	18.50	36.18	38.30	74.91	157.83	162.7	St
40	19.10	37.36	38.60	75.50	161.87	166.8	St
45	22.90	44.79	46.50	90.95	182.06	188.0	GG
57	27.50	53.79	47.80	93.49	230.54	236.4	GG
76	41.80	81.75	63.50	124.20	307.32	313.3	GG
95	53.80	105.22	88.40	172.90	384.11	390.1	GG
114	76.70	150.01	110.00	215.14	460.91	466.9	GG

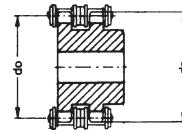
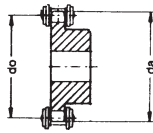


No. of teeth	Simplex		Duplex		Pitch diameter $d_o$ (mm)	Outside diameter $d_a$ (mm)	Material
	$(\frac{5}{8} \times \frac{3}{8}'' )$						
	10 B - 1		10 B - 2				
	Euro/each	DM/each	Euro/each	DM/each			
8	4.60*	9.00*	8.60*	16.82*	41.48	47.0	St
9	4.80*	9.39*	9.30*	18.19*	46.42	52.6	St
10	4.80	9.39	9.70	18.97	51.37	57.5	St
11	5.20	10.17	10.20	19.95	56.35	63.0	St
12	5.40	10.56	11.00	21.51	61.34	68.0	St
13	5.80	11.34	11.70	22.88	66.33	73.0	St
14	6.00	11.73	12.30	24.06	71.34	78.0	St
15	6.40	12.52	12.80	25.03	76.35	83.0	St
16	7.10	13.89	14.30	27.97	81.37	88.0	St
17	7.60	14.86	15.60	30.51	86.39	93.0	St
18	8.20	16.04	16.90	33.05	91.42	98.3	St
19	8.80	17.21	18.30	35.79	96.45	103.3	St
20	9.50	18.58	19.50	38.14	101.48	108.4	St
21	10.00	19.56	21.90	42.83	106.51	113.4	St
22	10.60	20.73	24.10	47.14	111.55	118.0	St
23	11.20	21.91	26.50	51.83	116.59	123.4	St
24	11.90	23.27	28.70	56.13	121.62	128.3	St
25	12.50	24.45	31.10	60.83	126.66	134.0	St
26	13.40	26.21	32.90	64.35	131.70	139.0	St
27	14.30	27.97	34.80	68.06	136.74	144.0	St
28	15.30	29.92	36.60	71.58	141.79	148.7	St
29	17.90	35.01	42.20	82.54	146.83	153.8	St
30	18.90	36.97	55.00	107.57	151.87	158.8	St
31	20.10	39.31	67.50▲	132.02▲	156.92	163.9	St
32	21.30	41.66	69.90▲	136.71▲	161.96	168.9	St
33	22.30	43.62	71.90▲	140.62▲	167.01	174.5	St
34	22.30	43.62	74.30▲	145.32▲	172.05	179.0	St
35	22.50	44.01	76.70▲	150.01▲	177.10	184.1	St
36	23.90	46.74	78.70▲	153.92▲	182.15	189.1	St
37	27.90	54.57	81.10▲	158.62▲	187.19	194.2	St
38	29.60	57.89	83.50▲	163.31▲	192.24	199.2	St
39	31.10	60.83	85.90▲	168.01▲	197.29	204.2	St
40	32.20	62.98	88.40▲	172.90▲	202.33	209.3	St
45	41.50	81.17	89.50	175.05	227.58	235.0	GG
57	43.80	85.67	92.60	181.11	288.18	296.0	GG
76	63.90	124.98	108.00	211.23	384.15	392.1	GG
95	108.00*	211.23*	165.00*	322.71*	480.14	488.5	GG
114	165.00*	322.71*	196.00*	383.34*	576.13	584.1	GG

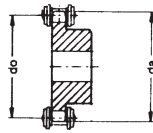




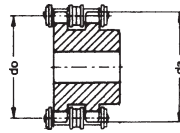
No. of teeth	Simplex		Duplex		Pitch diameter d <sub>0</sub> (mm)	Outside diameter d <sub>a</sub> (mm)	Material
	(3/4 x 7/16")						
	12 B - 1		12 B - 2				
	Euro/each	DM/each	Euro/each	DM/each			
8	6.40	12.52	12.10*	23.67*	49.78	57.6	St
9	6.40	12.52	12.70*	24.84*	55.70	62.0	St
10	6.60	12.91	13.40	26.21	61.65	69.0	St
11	7.40	14.47	14.70	28.75	67.62	75.0	St
12	8.00	15.65	15.60	30.51	73.60	81.5	St
13	8.80	17.21	16.90	33.05	79.60	87.5	St
14	9.50	18.58	18.10	35.40	85.61	93.6	St
15	10.20	19.95	19.30	37.75	91.63	99.8	St
16	10.80	21.12	21.90	42.83	97.65	105.5	St
17	11.70	22.88	24.50	47.92	103.67	111.5	St
18	12.30	24.06	27.10	53.00	109.70	118.0	St
19	13.00	25.43	29.70	58.09	115.74	124.2	St
20	13.70	26.79	32.40	63.37	121.78	129.7	St
21	14.70	28.75	35.20	68.85	127.82	136.0	St
22	15.60	30.51	38.10	74.52	133.86	141.8	St
23	16.50	32.27	41.40	80.97	139.90	149.0	St
24	17.50	34.23	44.20	86.45	145.95	153.9	St
25	18.30	35.79	47.40	92.71	151.99	160.0	St
26	20.10	39.31	50.60	98.96	158.04	165.9	St
27	21.90	42.83	53.80	105.22	164.09	172.3	St
28	23.70	46.35	56.70	110.90	170.14	178.0	St
29	27.90	54.57	65.90	128.89	176.19	184.1	St
30	29.60	57.89	78.30	153.14	182.25	190.5	St
31	31.30	61.22	90.80▲	177.59▲	188.30	196.3	St
32	32.70	63.96	94.80▲	185.41▲	194.35	203.3	St
33	34.20	66.89	98.40▲	192.45▲	200.41	209.3	St
34	34.80	68.06	98.80▲	193.24▲	206.46	214.6	St
35	35.20	68.85	99.70▲	195.00▲	212.52	221.0	St
36	35.50	69.43	100.00▲	195.58▲	218.57	226.8	St
37	41.80	81.75	115.00▲	224.92▲	224.63	232.9	St
38	43.80	85.67	120.00▲	234.70▲	230.69	239.0	St
39	45.40	88.79	125.00▲	244.48▲	236.74	245.1	St
40	47.40	92.71	129.00▲	252.30▲	242.80	251.3	St
45	52.90	103.46	133.00	260.13	273.09	282.5	GG
57	61.70	120.67	143.00	279.68	345.81	355.4	GG
76	94.60	185.02	161.00*	314.89*	460.98	469.9	GG
95	143.00*	279.68*	255.00*	498.74*	576.17	585.1	GG
114	302.00*	590.66*	391.00*	764.73*	691.36	700.6	GG



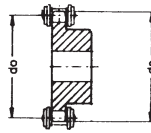
No. of teeth	Simplex		Duplex		Pitch diameter $d_o$ (mm)	Outside diameter $d_a$ (mm)	Material
	(1" x 17 mm)						
	16 B - 1		16 B - 2				
	Euro/each	DM/each	Euro/each	DM/each			
8	10.20*	19.95*	29.90*	58.48*	66.37	77.0	St
9	10.60*	20.73*	31.30*	61.22*	74.26	85.0	St
10	11.00	21.51	32.70	63.96	82.20	93.0	St
11	12.50	24.45	36.40	71.19	90.16	99.5	St
12	13.70	26.79	40.00	78.23	98.14	109.0	St
13	14.90	29.14	43.80	85.67	106.14	117.0	St
14	16.30	31.88	47.40	92.71	114.15	125.0	St
15	17.50	34.23	51.00	99.75	122.17	133.0	St
16	19.50	38.14	55.80	109.14	130.20	141.0	St
17	21.50	42.05	61.00	119.31	138.23	149.0	St
18	23.30	45.57	65.90	128.89	146.27	157.0	St
19	25.30	49.48	71.10	139.06	154.32	165.2	St
20	27.30	53.39	75.90	148.45	162.37	173.2	St
21	34.20	66.89	95.20	186.20	170.42	181.2	St
22	36.60	71.58	112.00▲	219.05▲	178.48	189.3	St
23	39.00	76.28	116.00▲	226.88▲	186.54	197.5	St
24	41.80	81.75	121.00▲	236.66▲	194.60	205.5	St
25	44.20	86.45	125.00▲	244.48▲	202.66	213.5	St
26	50.20	98.18	134.00▲	262.08▲	210.72	221.6	St
27	52.60	102.88	142.00▲	277.73▲	218.79	229.6	St
28	54.70	106.98	150.00▲	293.37▲	226.86	237.7	St
29	63.10	123.41	174.00▲	340.31▲	234.93	245.8	St
30	70.70	138.28	183.00▲	357.92▲	243.00	254.0	St
31	78.30▲	153.14▲	192.00▲	375.52▲	251.07	262.0	St
32	81.60▲	159.60▲	194.00▲	379.43▲	259.14	270.0	St
33	84.40▲	165.07▲	212.00▲	414.64▲	267.21	278.5	St
34	84.40▲	165.07▲	215.00▲	420.50▲	275.28	287.0	St
35	84.80▲	165.85▲	218.00▲	426.37▲	283.36	296.2	St
36	84.80▲	165.85▲	224.00▲	438.11▲	291.43	304.6	St
37	96.80▲	189.32▲	264.00▲	516.34▲	299.51	312.6	St
38	100.00▲	195.58▲	266.00▲	520.25▲	307.58	320.7	St
39	104.00▲	203.41▲	294.00▲	575.01▲	315.66	328.8	St
40	107.00▲	209.27▲	298.00▲	582.84▲	323.74	336.9	St
45	110.00	215.14	302.00	590.66	364.12	377.1	GG
57	127.00	248.39	354.00	692.36	461.08	474.0	GG
76	239.00*	467.44*	464.00*	907.51*	614.64	627.0	GG
95	427.00*	835.14*	614.00*	1200.88*	768.22	781.1	GG
114	649.00*	1269.33*	851.00*	1664.41*	921.81	934.3	GG



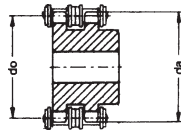
No. of teeth	Simplex		Pitch diameter d <sub>o</sub> (mm)	Outside diameter d <sub>a</sub> (mm)	Material
	(1 1/4 x 3/4")				
	20 B - 1				
	Euro/each	DM/each			
8	19.30*	37.75*	82.97	98.1	St
9	21.30*	41.66*	92.83	108.0	St
10	23.10	45.18	102.75	117.9	St
11	26.70	52.22	112.70	127.8	St
12	30.10	58.87	122.67	137.8	St
13	33.50	65.52	132.67	147.8	St
14	37.00	72.37	142.68	157.8	St
15	40.60	79.41	152.71	167.9	St
16	44.60	87.23	162.75	177.9	St
17	48.60	95.05	172.79	187.9	St
18	52.60	102.88	182.84	198.0	St
19	56.70	110.90	192.90	208.1	St
20	60.30	117.94	202.96	218.1	St
21	65.90	128.89	213.03	228.2	St
22	71.50	139.84	223.10	238.3	St
23	76.70	150.01	233.17	248.3	St
24	82.40	161.16	243.25	258.4	St
25	88.00	172.11	253.32	268.5	St
26	114.00▲	222.96▲	263.41	278.6	St
27	119.00▲	232.74▲	273.49	288.6	St
28	124.00▲	242.52▲	283.57	298.7	St
29	141.00▲	275.77▲	293.66	308.8	St
30	148.00▲	289.46▲	303.75	318.9	St
31	155.00▲	303.15▲	313.83	329.0	St
32	164.00▲	320.76▲	323.92	339.1	St
33	173.00▲	338.36▲	334.01	349.2	St
34	174.00▲	340.31▲	344.10	359.3	St
35	174.00▲	340.31▲	354.20	369.4	St
36	180.00▲	352.05▲	364.29	379.5	St
37	206.00▲	402.90▲	374.38	389.5	St
38	214.00▲	418.55▲	384.48	399.6	St
39	222.00▲	434.19▲	394.57	409.7	St
40	229.00▲	447.89▲	404.67	419.8	St
45	244.00	477.22	455.15	470.3	GG
57	306.00	598.48	576.35	591.5	GG
76	520.00*	1017.03*	768.30	783.5	GG



No. of teeth	Duplex		Pitch diameter d <sub>o</sub> (mm)	Outside diameter d <sub>a</sub> (mm)	Material
	(1 1/4 x 3/4")				
	20 B - 2				
	Euro/each	DM/each			
8	77.40*	151.38*	82.97	98.1	St
9	85.10*	166.44*	92.83	108.0	St
10	89.10*	174.26*	102.75	117.9	St
11	98.70*	193.04*	112.70	127.8	St
12	108.00*	211.23*	122.67	137.8	St
13	119.00*	232.74*	132.67	147.8	St
14	127.00*	248.39*	142.68	157.8	St
15	135.00*	264.04*	152.71	167.9	St
16	147.00*	287.51*	162.75	177.9	St
17	159.00*	310.98*	172.79	187.9	St
18	171.00*▲	334.45*▲	182.84	198.0	St
19	180.00*▲	352.05*▲	192.90	208.1	St
20	187.00*▲	365.74*▲	202.96	218.1	St
21	200.00*▲	391.17*▲	213.03	228.2	St
22	213.00*▲	416.59*▲	223.10	238.3	St
23	228.00*▲	445.93*▲	233.17	248.3	St
24	240.00*▲	469.40*▲	243.25	258.4	St
25	253.00*▲	494.82*▲	253.32	268.5	St
26	274.00*▲	535.90*▲	263.41	278.6	St
27	293.00*▲	573.06*▲	273.49	288.6	St
28	312.00*▲	610.22*▲	283.57	298.7	St
29	362.00*▲	708.01*▲	293.66	308.8	St
30	392.00*▲	766.69*▲	303.75	318.9	St
31	426.00*▲	833.18*▲	313.83	329.0	St
32	429.00*▲	839.05*▲	323.92	339.1	St
34	445.00*▲	870.34*▲	344.10	359.3	St
35	464.00*▲	907.51*▲	354.20	369.4	St
36	487.00*▲	952.49*▲	364.29	379.5	St
38	533.00*▲	1042.46*▲	384.48	399.6	St
40	576.00*▲	1126.56*▲	404.67	419.8	St
45	602.00*	1177.41*	455.15	470.3	GG
57	772.00*	1509.90*	576.35	591.5	GG
76	1104.00*	2159.24*	768.30	783.5	GG

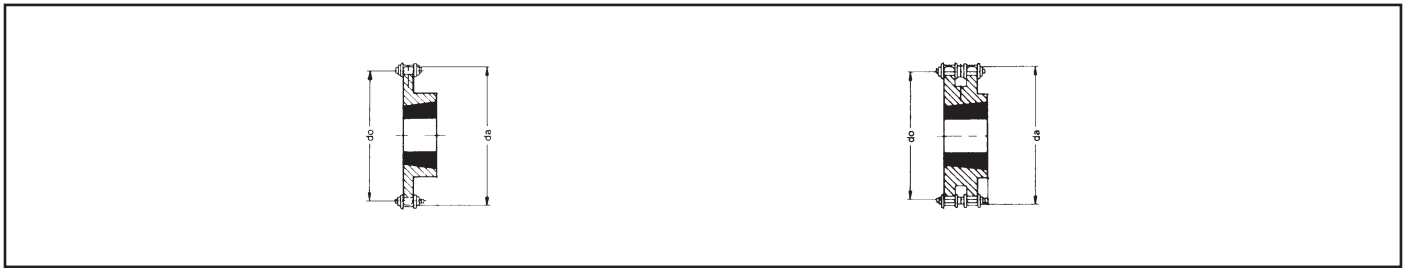


No. of teeth	Simplex		Pitch diameter $d_o$ (mm)	Outside diameter $d_a$ (mm)	Material
	(1 1/2 x 1")				
	24 B - 1				
	Euro/each	DM/each			
8	31.60*	61.80*	99.56	115.0	St
9	34.90*	68.26*	111.40	126.4	St
10	36.10	70.61	123.29	138.0	St
11	42.60	83.32	135.23	150.0	St
12	48.60	95.05	147.21	162.0	St
13	55.00	107.57	159.20	174.2	St
14	61.00	119.31	171.22	186.2	St
15	67.50	132.02	183.25	198.2	St
16	100.00▲	195.58▲	195.29	210.3	St
17	105.00▲	205.36▲	207.35	222.3	St
18	110.00▲	215.14▲	219.41	234.3	St
19	115.00▲	224.92▲	231.48	246.5	St
20	121.00▲	236.66▲	243.55	258.6	St
21	129.00▲	252.30▲	255.63	270.6	St
22	137.00▲	267.95▲	267.72	282.7	St
23	146.00▲	285.55▲	279.80	294.8	St
24	154.00▲	301.20▲	291.90	306.8	St
25	163.00▲	318.80▲	303.99	319.0	St
26	174.00▲	340.31▲	316.09	331.0	St
27	188.00▲	367.70▲	328.19	343.2	St
28	199.00▲	389.21▲	340.29	355.2	St
29	231.00▲	451.80▲	352.39	367.3	St
30	241.00▲	471.36▲	364.49	379.5	St
31	252.00▲	492.87▲	376.60	391.6	St
32	263.00▲	514.38▲	388.71	403.7	St
33	274.00▲	535.90▲	400.82	415.8	St
34	277.00▲	541.76▲	412.93	427.8	St
35	279.00▲	545.68▲	425.04	440.0	St
36	281.00▲	549.59▲	437.15	452.0	St
37	321.00▲	627.82▲	449.26	464.2	St
38	322.00▲	629.78▲	461.37	476.2	St
40	325.00▲	635.64▲	485.60	500.6	St
45	399.00*	780.38*	546.19	561.2	GG
57	505.00*	987.69*	691.62	706.5	GG
76	794.00*	1552.93*	921.96	936.9	GG



No. of teeth	Duplex		Pitch diameter d <sub>o</sub> (mm)	Outside diameter d <sub>a</sub> (mm)	Material
	(1½ x 1")				
	24 B - 2				
	Euro/each	DM/each			
8	122.00*	238.61*	99.56	115.0	St
9	129.00*	252.30*	111.40	126.4	St
10	135.00*	264.04*	123.29	138.0	St
11	157.00*	307.07*	135.23	150.0	St
12	172.00*	336.40*	147.21	162.0	St
13	188.00*	367.70*	159.20	174.2	St
14	202.00*	395.08*	171.22	186.2	St
15	217.00*	424.42*	183.25	198.2	St
16	238.00*▲	465.49*▲	195.29	210.3	St
17	255.00*▲	498.74*▲	207.35	222.3	St
18	273.00*▲	533.94*▲	219.41	234.3	St
19	290.00*▲	567.19*▲	231.48	246.5	St
20	307.00*▲	600.44*▲	243.55	258.6	St
21	333.00*▲	651.29*▲	255.63	270.6	St
22	360.00*▲	704.10*▲	267.72	282.7	St
23	386.00*▲	754.95*▲	279.80	294.8	St
24	411.00*▲	803.85*▲	291.90	306.8	St
25	436.00*▲	852.74*▲	303.99	319.0	St
26	477.00*▲	932.93*▲	316.09	331.0	St
27	505.00*▲	987.69*▲	328.19	343.2	St
28	536.00*▲	1048.32*▲	340.29	355.2	St
29	624.00*▲	1220.44*▲	352.39	367.3	St
30	668.00*▲	1306.49*▲	364.49	379.5	St
31	719.00*▲	1406.24*▲	376.60	391.6	St
32	780.00*▲	1525.55*▲	388.71	403.7	St
33	807.00*▲	1578.35*▲	400.82	415.8	St
34	810.00*▲	1584.22*▲	412.93	427.8	St
35	811.00*▲	1586.18*▲	425.04	440.0	St
36	831.00*▲	1625.29*▲	437.15	452.0	St
37	949.00*▲	1856.08*▲	449.26	464.2	St
38	1007.00*▲	1969.52*▲	461.37	476.2	St
40	1081.00*▲	2114.25*▲	485.60	500.6	St



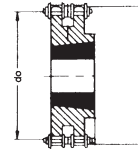
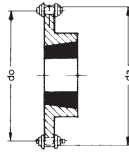


No. of teeth	Simplex			Duplex			Pitch diameter d <sub>o</sub> (mm)	Outside diameter d <sub>a</sub> (mm)	Material
	$(\frac{3}{8} \times \frac{7}{32}'' )$			$(\frac{3}{8} \times \frac{7}{32}'' )$					
	06 B - 1			06 B - 2					
	Taper bush	Euro/each	DM/each	Taper bush	Euro/each	DM/each			
16	1008	13.60	26.60	1008	19.90	38.92	48.82	52.3	St
17	1008	14.00	27.38	1008	20.30	39.70	51.84	55.3	St
18	1008	14.60	28.56	1008	22.70	44.40	54.85	58.3	St
19	1008	14.80	28.95	1008	22.90	44.79	57.87	61.3	St
20	1008	15.70	30.71	1008	24.00	46.94	60.89	64.3	St
21	1008	15.70	30.71	1008	24.20	47.33	63.91	68.0	St
22	1008	17.30	33.84	1210	25.60	50.07	66.93	71.0	St
23	1210	17.50	34.23	1210	25.80	50.46	69.95	73.5	St
24	1210	18.10	35.40	1210	27.10	53.00	72.97	77.0	St
25	1210	18.30	35.79	1210	27.40	53.59	76.00	80.0	St
26	1210	19.10	37.36	1210	28.30	55.35	79.02	83.0	St
27	1210	19.90	38.92	1210	29.10	56.91	82.05	86.0	St
28	1210	19.90	38.92	1210	29.70	58.09	85.07	89.0	St
29	1210	20.30	39.70	1210	30.10	58.87	88.10	92.0	St
30	1210	20.70	40.49	1210	30.50	59.65	91.12	94.7	St
31	1210	25.80	50.46	1210	30.90	60.44	94.15	98.3	St
32	1210	26.00	50.85	1210	31.70	62.00	97.18	101.3	St
33	1210	26.20	51.24	1210	32.70	63.96	100.20	104.3	St
34	1210	26.40	51.63	1210	33.60	65.72	103.23	107.3	St
35	1210	27.10	53.00	1210	34.70	67.87	106.26	110.4	St
36	1210	28.20	55.15	1210	35.40	69.24	109.29	113.4	St
37	1210	28.90	56.52	1210	36.40	71.19	112.32	116.4	St
38	1210	29.90	58.48	1610	37.00	72.37	115.34	119.5	St
39	1210	31.90	62.39	1610	38.40	75.10	118.37	122.5	St
40	1210	32.90	64.35	1610	39.40	77.06	121.40	125.5	St
45	1210	41.00	80.19	1610	52.40	102.49	136.55	140.7	St
50	1210			1610			151.69	155.7	St
57	1210	47.20	92.32	1610	68.90	134.76	172.91	176.9	St
76	1210	55.10	107.77	1610	93.30*	182.48*	230.49	234.9	St
95	1210	71.30	139.45	1610	122.00*	238.61*	288.08	292.5	St
114	1610	89.40*	174.85*	2012	170.00*	332.49*	345.68	349.5	St

Taper bush	1008	1210	1610	2012
Bore d <sub>2</sub> (mm) from ... to ...	10-25	11-32	14-42	14-50
Euro/each	5.70	8.60	10.30	12.60
DM/each	11.15	16.82	20.15	24.64

St = Steel  
\* Non stock items  
We reserve the right to make technical changes

Bore diameters d<sub>2</sub> see page 3

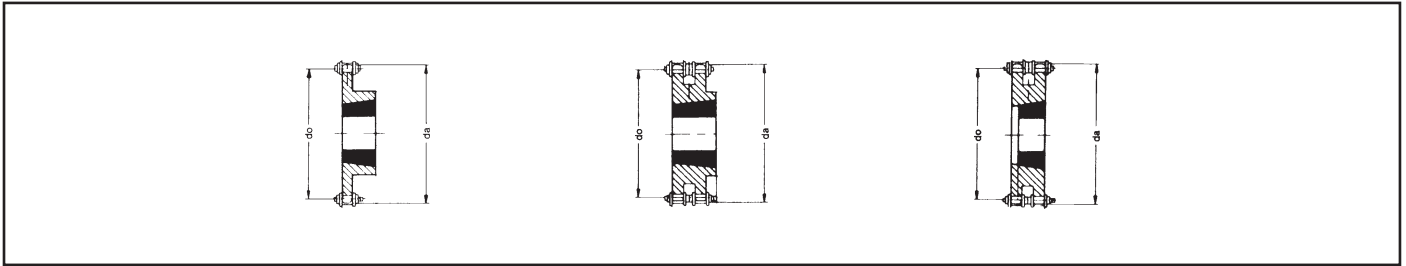


No. of teeth	Simplex			Duplex			Pitch diameter d <sub>0</sub> (mm)	Outside diameter d <sub>a</sub> (mm)	Material
	( $1/2 \times 5/16''$ )			( $1/2 \times 5/16''$ )					
	08 B - 1			08 B - 2					
	Taper bush	Euro/each	DM/each	Taper bush	Euro/each	DM/each			
15	1008	14.80	28.95	1008	25.00	48.90	61.08	65.5	St
16	1108	15.10	29.53	1108	26.60	52.03	65.10	69.5	St
17	1210	17.50	34.23	1210	26.80	52.42	69.12	73.6	St
18	1210	18.10	35.40	1210	29.10	56.91	73.14	77.8	St
19	1210	18.30	35.79	1210	29.60	57.89	77.16	81.7	St
20	1210	21.50	42.05	1210	31.70	62.00	81.18	85.8	St
21	1610	22.00	43.03	1610	32.10	62.78	85.21	89.7	St
22	1610	22.90	44.79	1610	34.10	66.69	89.24	93.8	St
23	1610	22.90	44.79	1610	34.30	67.08	93.27	98.2	St
24	1610	24.00	46.94	1610	37.20	72.76	97.30	101.8	St
25	1610	24.20	47.33	2012	37.60	73.54	101.33	105.8	St
26	1610	25.60	50.07	2012	41.40	80.97	105.36	110.0	St
27	1610	25.80	50.46	2012	41.70	81.56	109.40	114.0	St
28	1610	26.00	50.85	2012	43.70	85.47	113.43	118.0	St
29	1610	26.90	52.61	2012	44.10	86.25	117.46	122.0	St
30	2012	27.80	54.37	2012	44.10	86.25	121.50	126.1	St
31	2012	38.40	75.10	2012	45.30	88.60	125.53	130.2	St
32	2012	39.80	77.84	2012	46.80	91.53	129.57	134.3	St
33	2012	43.70	85.47	2012	48.40	94.66	133.61	138.4	St
34	2012	44.90	87.82	2012	49.60	97.01	137.64	142.6	St
35	2012	46.50	90.95	2012	51.20	100.14	141.68	146.7	St
36	2012	47.70	93.29	2012	52.40	102.49	145.72	151.0	St
37	2012	48.00	93.88	2012	53.90	105.42	149.75	154.6	St
38	2012	48.40	94.66	2012	55.10	107.77	153.79	158.6	St
40	2012	56.70	110.90	2012	68.10	133.19	161.87	166.8	St
45	2517	61.40	120.09	2517	78.30	153.14	182.06	188.0	St
50	2517	65.00	127.13	2517	94.50	184.83	202.26	208.3	St
57	2517	68.90	134.76	2517	106.00	207.32	230.54	236.4	St
76	2517	83.40	163.12	2517	153.00	299.24	307.32	313.3	St
95	2517	102.00	199.49	2517	210.00*	410.72*	384.11	390.1	St
114	2517	128.00*	250.35*	2517	283.00*	553.50*	460.91	466.9	St

Taper bush	1008	1108	1210	1610	2012	2517
Bore d <sub>2</sub> (mm) from ... to ...	10-25	10-28	11-32	14-42	14-50	16-60
Euro/each	5.70	6.50	8.60	10.30	12.60	15.80
DM/each	11.15	12.71	16.82	20.15	24.64	30.90

St = Steel  
 \* Non stock items  
 We reserve the right to make technical changes

Bore diameters d<sub>2</sub> see page 3



No. of teeth	Simplex			Duplex			Pitch diameter d <sub>o</sub> (mm)	Outside diameter d <sub>a</sub> (mm)	Material
	<sup>5</sup> / <sub>8</sub> x <sup>3</sup> / <sub>8</sub> "			<sup>5</sup> / <sub>8</sub> x <sup>3</sup> / <sub>8</sub> "					
	10 B - 1			10 B - 2					
	Taper bush	Euro/each	DM/each	Taper bush	Euro/each	DM/each			
13	1008	15.70	30.71	1108	32.30	63.17	66.33	73.0	St
14	1108	18.70	36.57	1108	32.70	63.96	71.34	78.0	St
15	1210	19.10	37.36	1210	33.10	64.74	76.35	83.0	St
16	1210	20.10	39.31	1210	34.30	67.08	81.37	88.0	St
17	1610	20.30	39.70	1610	35.20	68.85	86.39	93.0	St
18	1610	23.40	45.77	1610	38.20	74.71	91.42	98.3	St
19	1610	23.80	46.55	1610	41.00	80.19	96.45	103.3	St
20	1610	24.00	46.94	1610	42.50	83.12	101.48	108.4	St
21	1610	24.40	47.72	1610	46.80	91.53	106.51	113.4	St
22	1610	25.20	49.29	1610	47.20	92.32	111.55	118.0	St
23	1610	25.40	49.68	1610	47.70	93.29	116.59	123.4	St
24	1610	28.90	56.52	1610	57.10	111.68	121.62	128.3	St
25	2012	29.60	57.89	2012	57.90	113.24	126.66	134.0	St
26	2012	32.70	63.96	2012	59.10	115.59	131.70	139.0	St
27	2012	33.10	64.74	2012	60.20	117.74	136.74	144.0	St
28	2012	35.80	70.02	2012	61.40	120.09	141.79	148.7	St
29	2012	36.20	70.80	2012	64.20	125.56	146.83	153.8	St
30	2012	36.80	71.97	2012	66.90	130.85	151.87	158.8	St
31	2012	50.40	98.57	2517	82.30	160.96	156.92	163.9	St
32	2012	52.80	103.27	2517	84.30	164.88	161.96	168.9	St
33	2012	54.70	106.98	2517	86.20	168.59	167.01	174.5	St
34	2012	56.70	110.90	2517	87.80	171.72	172.05	179.0	St
35	2517	60.20	117.74	2517	89.80	175.63	177.10	184.1	St
36	2517	60.60	118.52	—	0.00	0.00	182.15	189.1	St
37	2517	61.40	120.09	2517	93.70	183.26	187.19	194.2	St
38	2517	63.00	123.22	2517	95.70	187.17	192.24	199.2	St
40	2517	64.60	126.35	2517	100.00	195.58	202.33	209.3	St
45	2517	68.90	134.76	2517	115.00	224.92	227.58	235.0	St
50	2517	74.00	144.73	3020	142.00	277.73	252.82	260.3	St
57	3020	94.90	185.61	3020	165.00	322.71	288.18	296.0	St
76	3020	130.00	254.26	3020	268.00*	524.16*	384.15	392.1	St
95	3020	138.00*	269.90*	3020	394.00*	770.60*	480.14	488.5	St
114	3020	256.00*	500.69*	3020	540.00*	1056.15*	576.13	584.1	St

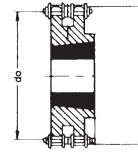
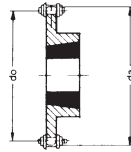
Taper bush	1008	1108	1210	1610	2012	2517	3020
Bore d <sub>2</sub> (mm) from ... to ...	10-25	10-28	11-32	14-42	14-50	16-60	25-75
Euro/each	5.70	6.50	8.60	10.30	12.60	15.80	20.60
DM/each	11.15	12.71	16.82	20.15	24.64	30.90	40.29

St = Steel

\* Non stock items

We reserve the right to make technical changes

Bore diameters d<sub>2</sub> see page 3

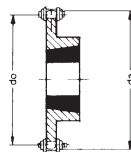


No. of teeth	Simplex			Duplex			Pitch diameter d <sub>0</sub> (mm)	Outside diameter d <sub>a</sub> (mm)	Material
	(3/4 x 7/16")			(3/4 x 7/16")					
	12 B - 1			12 B - 2					
	Taper bush	Euro/each	DM/each	Taper bush	Euro/each	DM/each			
13	1210	22.00	43.03	1215	35.40	69.24	79.60	87.5	St
14	1210	24.80	48.50	1215	36.00	70.41	85.61	93.6	St
15	1610	25.00	48.90	1615	36.20	70.80	91.63	99.8	St
16	1610	26.00	50.85	1615	43.70	85.47	97.65	105.5	St
17	1610	26.20	51.24	1615	44.10	86.25	103.67	111.5	St
18	1610	30.70	60.04	1615	50.40	98.57	109.70	118.0	St
19	2012	31.30	61.22	2012	50.80	99.36	115.74	124.2	St
20	2012	36.20	70.80	2012	65.00	127.13	121.78	129.7	St
21	2517	39.20	76.67	2517	66.20	129.48	127.82	136.0	St
22	2517	42.50	83.12	2517	72.00	140.82	133.86	141.8	St
23	2517	42.90	83.91	2517	72.50	141.80	139.90	149.0	St
24	2517	42.90	83.91	2517	72.90	142.58	145.95	153.9	St
25	2517	43.30	84.69	2517	73.20	143.17	151.99	160.0	St
26	2517	47.20	92.32	2517	77.20	150.99	158.04	165.9	St
27	2517	47.70	93.29	2517	77.60	151.77	164.09	172.3	St
28	2517	50.00	97.79	2517	80.30	157.05	170.14	178.0	St
29	2517	50.80	99.36	2517	81.50	159.40	176.19	184.1	St
30	2517	51.20	100.14	2517	83.10	162.53	182.25	190.5	St
31	2517	66.50	130.06	3020	121.00	236.66	188.30	196.3	St
32	2517	68.50	133.97	3020	128.00	250.35	194.35	203.3	St
33	2517	69.30	135.54	3020	131.00	256.21	200.41	209.3	St
34	2517	70.10	137.10	3020	132.00	258.17	206.46	214.6	St
35	2517	71.30	139.45	3020	138.00	269.90	212.52	221.0	St
36	2517	72.50	141.80	3020	142.00	277.73	218.57	226.8	St
37	2517	74.00	144.73	3020	145.00	283.60	224.63	232.9	St
38	3020	87.80	171.72	3020	146.00	285.55	230.69	239.0	St
40	3020	91.00	177.98	3020	148.00	289.46	242.80	251.3	St
45	3020	98.00	191.67	3020	169.00	330.54	273.09	282.5	St
50	3020	107.00	209.27	3020	201.00	393.12	303.39	312.3	St
57	3020	122.00	238.61	3020	224.00	438.11	345.81	355.4	St
76	3020	182.00	355.96	3020	384.00	751.04	460.98	469.9	St
95	3020	272.00	531.99	3020	578.00	1130.47	576.17	585.1	St
114	3020	373.00*	729.52*	3020	886.00*	1732.87*	691.36	700.6	St

Taper bush	1210	1215	1610	1615	2012	2517	3020
Bore d <sub>2</sub> (mm) from ... to ...	11-32	11-32	14-42	14-42	14-50	16-60	25-75
Euro/each	8.60	10.70	10.30	10.70	12.60	15.80	20.60
DM/each	16.82	20.93	20.15	20.93	24.64	30.90	40.29

St = Steel  
 \* Non stock items  
 We reserve the right to make technical changes

Bore diameters d2 see page 3

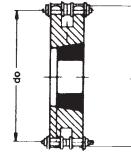
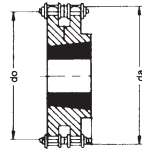


No. of teeth	Simplex		Taper bush	Pitch diameter $d_o$ (mm)	Outside diameter $d_a$ (mm)	Material
	(1" x 17 mm)					
	16 B - 1					
	Euro/each	DM/each				
13	33.80	66.11	1615	106.14	117.0	St
14	36.00	70.41	1615	114.15	125.0	St
15	36.80	71.97	1615	122.17	133.0	St
16	40.50	79.21	1615	130.20	141.0	St
17	41.00	80.19	2012	138.23	149.0	St
18	42.90	83.91	2012	146.27	157.0	St
19	43.30	84.69	2517	154.32	165.2	St
20	52.40	102.49	2517	162.37	173.2	St
21	53.50	104.64	2517	170.42	181.2	St
22	57.90	113.24	2517	178.48	189.3	St
23	58.30	114.02	2517	186.54	197.5	St
24	62.20	121.65	2517	194.60	205.5	St
25	68.10	133.19	2517	202.66	213.5	St
26	79.10	154.71	2517	210.72	221.6	St
27	81.90	160.18	2517	218.79	229.6	St
28	87.80	171.72	2517	226.86	237.7	St
29	89.80	175.63	2517	234.93	245.8	St
30	102.00	199.49	3020	243.00	254.0	St
31	111.00	217.10	3020	251.07	262.0	St
32	116.00	226.88	3020	259.14	270.0	St
33	122.00	238.61	3020	267.21	278.5	St
36	137.00	267.95	3020	291.43	304.6	St
38	141.00	275.77	3020	307.58	320.7	St
45	179.00	350.09	3020	364.12	377.1	St
57	242.00	473.31	3020	461.08	474.0	St
76	348.00	680.63	3020	614.64	627.0	St
95	563.00*	1101.13*	3020	768.22	781.1	St
114	1116.00*	2182.71*	3020	921.81	934.3	St

Taper bush	1615	2012	2517	3020
Bore $d_2$ (mm) from ... to ...	14-42	14-50	16-60	25-75
Euro/each	10.70	12.60	15.80	20.60
DM/each	20.93	24.64	30.90	40.29

St = Steel  
 \* Non stock items  
 We reserve the right to make technical changes

Bore diameters  $d_2$  see page 3



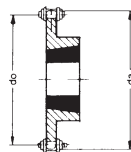
No. of teeth	Duplex		Taper bush	Pitch diameter d <sub>o</sub> (mm)	Outside diameter d <sub>a</sub> (mm)	Material
	(1" x 17 mm)					
	16 B - 2					
	Euro/each	DM/each				
13	67.30	131.63	1615	106.14	117.0	St
14	68.90	134.76	1615	114.15	125.0	St
15	69.70	136.32	2012	122.17	133.0	St
16	79.50	155.49	2012	130.20	141.0	St
17	81.10	158.62	2517	138.23	149.0	St
18	85.40	167.03	2517	146.27	157.0	St
19	86.20	168.59	2517	154.32	165.2	St
20	100.00	195.58	2517	162.37	173.2	St
21	102.00	199.49	3020	170.42	181.2	St
22	113.00	221.01	3020	178.48	189.3	St
23	115.00	224.92	3020	186.54	197.5	St
24	122.00	238.61	3020	194.60	205.5	St
25	126.00	246.43	3020	202.66	213.5	St
26	151.00	295.33	3020	210.72	221.6	St
27	154.00	301.20	3020	218.79	229.6	St
28	173.00	338.36	3020	226.86	237.7	St
29	179.00	350.09	3020	234.93	245.8	St
30	185.00	361.83	3030	243.00	254.0	St
31	239.00	467.44	3030	251.07	262.0	St
32	247.00	483.09	3030	259.14	270.0	St
33	254.00	496.78	3030	267.21	278.5	St
34	256.00	500.69	3030	275.28	287.0	St
35	277.00	541.76	3030	283.36	296.2	St
37	310.00*	606.31*	3030	299.51	312.6	St
38	318.00	621.95	3030	307.58	320.7	St
40	344.00*	672.81*	3030	323.74	336.9	St
45	374.00	731.48	3030	364.12	377.1	St
57	567.00	1108.96	3535	461.08	474.0	St
76	1037.00*	2028.20*	3535	614.64	627.0	St
95	1581.00*	3092.17*	3535	768.22	781.1	St
114	2211.00*	4324.34*	3535	921.81	934.3	St

Taper bush	1615	2012	2517	3020	3030	3535
Bore d <sub>2</sub> (mm) from ... to ...	14-42	14-50	16-60	25-75	35-75	35-90
Euro/each	10.70	12.60	15.80	20.60	26.90	51.90
DM/each	20.93	24.64	30.90	40.29	52.61	101.51

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Bore diameters d2 see page 3



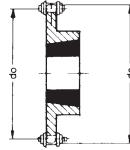


No. of teeth	Simplex		Taper bush	Pitch diameter d <sub>o</sub> (mm)	Outside diameter d <sub>a</sub> (mm)	Material
	(1 1/4 x 3/4")					
	20 B - 1					
	Euro/each	DM/each				
13	46.80	91.53	2012	132.67	147.8	St
14	55.10	107.77	2012	142.68	157.8	St
15	67.70	132.41	2517	152.71	167.9	St
16	74.40	145.51	2517	162.75	177.9	St
17	79.90	156.27	2517	172.79	187.9	St
18	85.80	167.81	2517	182.84	198.0	St
19	92.10	180.13	2517	192.90	208.1	St
20	98.80	193.24	2517	202.96	218.1	St
21	107.00	209.27	2517	213.03	228.2	St
22	117.00	228.83	2517	223.10	238.3	St
23	121.00	236.66	3020	233.17	248.3	St
24	124.00	242.52	3020	243.25	258.4	St
25	128.00	250.35	3020	253.32	268.5	St
26	133.00	260.13	3020	263.41	278.6	St
27	138.00	269.90	3020	273.49	288.6	St
28	143.00	279.68	3020	283.57	298.7	St
29	149.00	291.42	3020	293.66	308.8	St
30	154.00	301.20	3020	303.75	318.9	St
31	169.00	330.54	3020	313.83	329.0	St
32	170.00	332.49	3020	323.92	339.1	St
33	172.00	336.40	3020	334.01	349.2	St
34	188.00	367.70	3020	344.10	359.3	St
35	194.00	379.43	3020	354.20	369.4	St
36	202.00	395.08	3020	364.29	379.5	St
37	209.00	408.77	3020	374.38	389.5	St
38	217.00	424.42	3020	384.48	399.6	St
40	232.00*	453.75*	3020	404.67	419.8	St
45	256.00*	500.69*	3020	455.15	470.3	St
57	380.00*	743.22*	3020	576.35	591.5	St
76	683.00*	1335.83*	3020	768.30	783.5	St
95	1033.00*	2020.37*	3020	960.28	975.4	St
114	1406.00*	2749.90*	3020	1152.27	1167.4	St

Taper bush	2012	2517	3020
Bore d <sub>2</sub> (mm) from ... to ...	14-50	16-60	25-75
<b>Euro/each</b>	<b>12.60</b>	<b>15.80</b>	<b>20.60</b>
<b>DM/each</b>	<b>24.64</b>	<b>30.90</b>	<b>40.29</b>

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Bore diameters d<sub>2</sub> see page 3

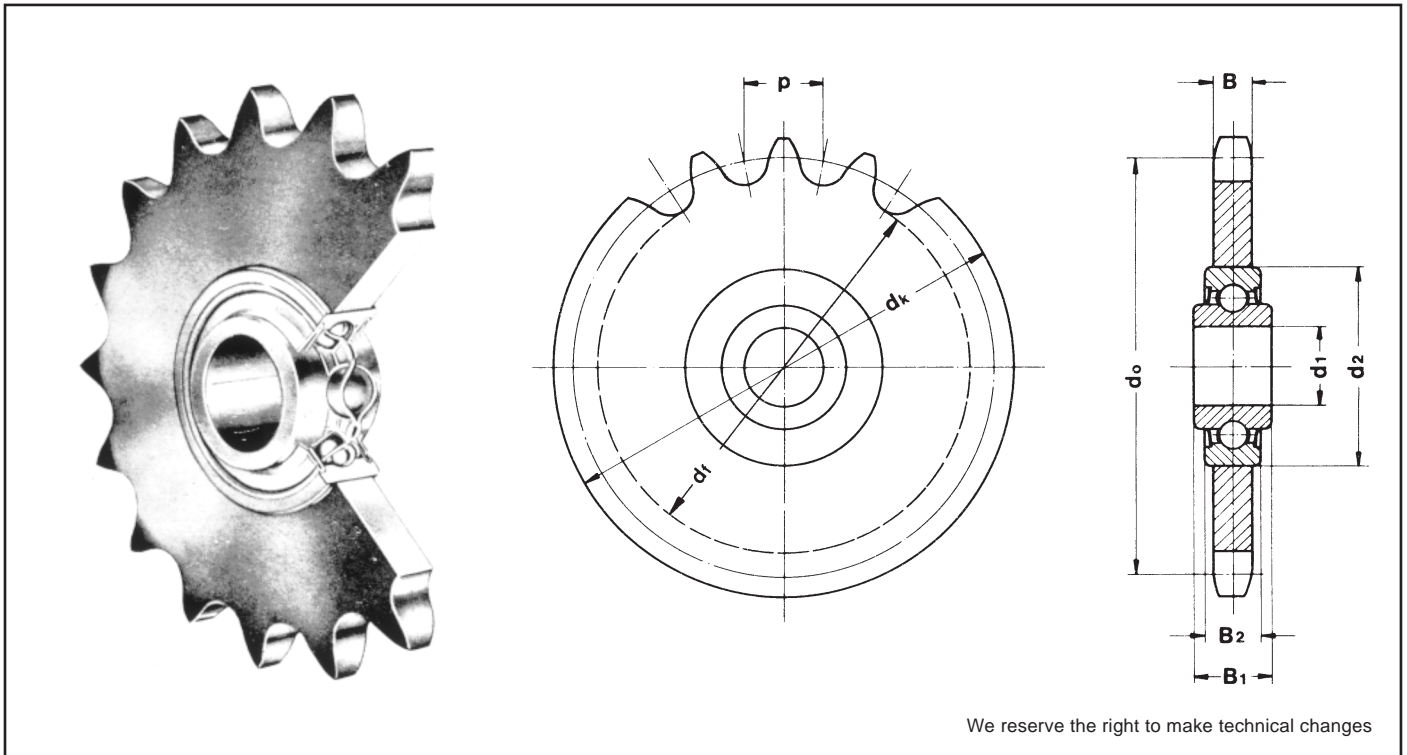


No. of teeth	Simplex		Taper bush	Pitch diameter d <sub>o</sub> (mm)	Outside diameter d <sub>a</sub> (mm)	Material
	(1 1/2 x 1")					
	24 B - 1					
	Euro/each	DM/each				
13	91.70	179.35	2517	159.20	174.2	St
14	97.70	191.08	2517	171.22	186.2	St
15	111.00	217.10	3020	183.25	198.2	St
16	124.00	242.52	3020	195.29	210.3	St
17	179.00	350.09	3535	207.35	222.3	St
18	179.00	350.09	3535	219.41	234.3	St
19	185.00	361.83	3535	231.48	246.5	St
20	190.00	371.61	3535	243.55	258.6	St
21	197.00	385.30	3535	255.63	270.6	St
22	204.00	398.99	3535	267.72	282.7	St
23	212.00	414.64	3535	279.80	294.8	St
24	219.00	428.33	3535	291.90	306.8	St
25	227.00	443.97	3535	303.99	319.0	St
26	236.00	461.58	3535	316.09	331.0	St
27	245.00	479.18	3535	328.19	343.2	St
28	254.00	496.78	3535	340.29	355.2	St
29	264.00	516.34	3535	352.39	367.3	St
30	272.00	531.99	3535	364.49	379.5	St
31	300.00	586.75	3535	376.60	391.6	St
32	313.00	612.17	3535	388.71	403.7	St
33	323.00	631.73	3535	400.82	415.8	St
34	337.00	659.11	3535	412.93	427.8	St
35	346.00	676.72	3535	425.04	440.0	St
37	372.00	727.57	3535	449.26	464.2	St
38	483.00	944.67	4040	461.37	476.2	St
40	537.00*	1050.28*	4040	485.60	500.6	St
45	590.00*	1153.94*	4040	546.19	561.2	St
57	962.00*	1881.51*	4545	691.62	706.5	St
76	1432.00*	2800.75*	4545	921.96	936.9	St
95	2001.00*	3913.62*	4545	1152.33	1167.3	St

Taper bush	2517	3020	3535	4040	4545
Bore d <sub>2</sub> (mm) from ... to ...	16-60	25-75	35-90	40-100	55-110
Euro/each	15.80	20.60	51.90	72.90	92.80
DM/each	30.90	40.29	101.51	142.58	181.50

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Bore diameters d2 see page 3

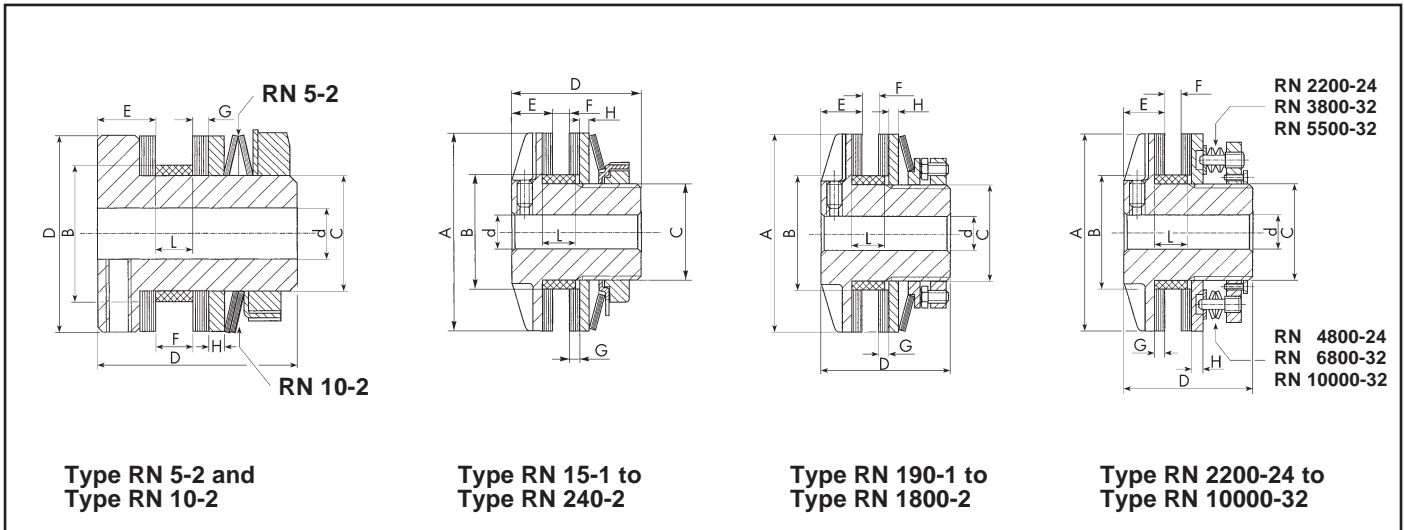


Chain				Plate sprocket				Bearing						
Part No.	DIN/ISO No.	Pitch p		No. of teeth	Pitch diameter	Outside diameter	Width of teeth B	Bore	Outside diameter	Inside race width B <sub>1</sub>	Outside race width B <sub>2</sub>	Weight (≈ kg)	Euro each	DM each
		(mm)	(inch)		d <sub>o</sub>	d <sub>k</sub>		d <sub>1</sub>	d <sub>2</sub>	(mm)	(mm)			
SR 21-06 B-1	06 B-1	9.525	3/8	21	63.9	68.0	5.3	16	40	18.3	12	0.15	<b>20.00</b>	<b>39.12</b>
SR 16-08 B-1	08 B-1	12.7	1/2	16	65.1	69.5	7.2	16	40	18.3	12	0.18	<b>20.80</b>	<b>40.68</b>
SR 18-08 B-1	08 B-1	12.7	1/2	18	73.1	77.8	7.2	16	40	18.3	12	0.20	<b>21.20</b>	<b>41.46</b>
SR 14-10 B-1	10 B-1	15.875	5/8	14	71.3	78.0	9.1	16	40	18.3	12	0.27	<b>22.10</b>	<b>43.22</b>
SR 17-10 B-1	10 B-1	15.875	5/8	17	86.4	93.0	9.1	16	40	18.3	12	0.30	<b>22.60</b>	<b>44.20</b>
SR 15-12 B-1	12 B-1	19.05	3/4	15	91.6	99.8	11.1	16	40	18.3	12	0.40	<b>24.00</b>	<b>46.94</b>
SR 12-16 B-1	16 B-1	25.4	1	12	98.1	109.0	16.2	20	47	17.7	14	0.65	<b>37.10</b>	<b>72.56</b>
SR 13-20 B-1	20 B-1	31.75	1 1/4	13	132.7	147.8	18.5	25	52	21.0	15	0.73	<b>66.40</b>	<b>129.87</b>

Further sizes as well as idler sprockets for Duplex and Triplex chains and roller chains to DIN 8188 (American Standard/ANSI) available on request.

For many chain drives a slide or idler tensioner is necessary for design reasons. Many tensioning problems can be solved simply and economically by using an idler sprocket on the drive slack side.

Optichain-SR idler sprockets come with built in ball bearings. These bearings are fully sealed and permanently lubricated making them maintenance free. The inner races are extra wide to allow proper assembly without the use of spacer rings. The bearings have an interference fit with the sprockets. Optibelt-SR are steel.



Part No.	Breakaway torque		A (mm)	B k <sub>7</sub> (mm)	C (mm)	D (mm)	d (mm)	d max (mm)	F max (mm)	E (mm)	L (mm)	G (mm)	H (mm)	SW (mm)	F RSG (mm)	Corresponding plate sprocket	Weight (kg)	Euro/ each	DM/ each
	M min (Nm)	M max (Nm)														RSG			
RN 5-2	0.5	5	30	21	18	31	4.5	11	6	9.0	6	2.5	2.0	27	4.7	RSG16-06B-1	0.10	39.90	78.04
RN 10-2	1.0	10	30	21	18	31	4.5	11	6	9.0	6	2.5	2.0	27	4.7	RSG16-06B-1	0.10	39.90	78.04
RN 15-1	2.0	15	40	26	22	28	7.0	14	7	8.0	8	3.0	2.0	30	4.7	RSG22-06B-1	0.16	46.90	91.73
RN 28-2	3.0	28	40	26	22	28	7.0	14	7	8.0	8	3.0	2.0	30	4.7	RSG22-06B-1	0.16	51.50	100.73
RN 40-3	4.0	40	40	26	22	28	7.0	14	7	8.0	8	3.0	2.0	30	4.7	RSG22-06B-1	0.17	56.10	109.72
RN 30-1	2.0	30	45	35	32	33	7.0	20	8	8.5	9	3.0	2.5	41	4.7	RSG22-06B-1	0.19	57.50	112.46
RN 55-2	3.0	55	45	35	32	33	7.0	20	8	8.5	9	3.0	2.5	41	4.7	RSG22-06B-1	0.20	62.40	122.04
RN 70-3	4.0	70	45	35	32	33	7.0	20	8	8.5	9	3.0	2.5	41	4.7	RSG22-06B-1	0.21	67.20	131.43
RN 70-1	4.0	70	65	45	36	50	10.0	22	13	16.0	14	4.0	4.0	50	8.5	RSG18-10B-1	0.60	74.80	146.30
RN 120-2	6.0	120	65	45	36	50	10.0	22	13	16.0	14	4.0	4.0	50	8.5	RSG18-10B-1	0.63	79.80	156.08
RN 130-1	10.0	130	85	52	42	55	15.0	25	15	17.0	16	4.0	4.0	60	10.5	RSG20-12B-1	1.16	91.10	178.18
RN 240-2	15.0	240	85	52	42	55	15.0	25	15	17.0	16	4.0	4.0	60	10.5	RSG20-12B-1	1.21	101.00	197.54
RN 190-1	20.0	190	95	60	52	66	15.0	35	15	17.0	16	4.0	4.0	13	10.5	RSG20-12B-1	1.79	146.00	285.55
RN 340-2	30.0	340	95	60	52	66	15.0	35	15	17.0	16	4.0	4.0	13	10.5	RSG20-12B-1	1.84	156.00	305.11
RN 350-1	30.0	350	120	73	64	77	20.0	45	20	21.0	21	4.0	6.0	13	15.7	RSG20-16B-1	3.19	159.00	310.98
RN 650-2	45.0	650	120	73	64	77	20.0	45	20	21.0	21	4.0	6.0	13	15.7	RSG20-16B-1	3.33	178.00	348.14
RN 650-1	60.0	650	140	90	85	86	20.0	60	20	23.0	22	5.0	6.0	13	15.7	RSG22-16B-1	5.60	266.00	520.25
RN 1200-2	90.0	1200	140	90	85	86	20.0	60	20	23.0	22	5.0	6.0	13	15.7	RSG22-16B-1	5.80	293.00	573.06
RN 1000-1	70.0	1000	170	100	90	93	28.0	65	20	26.5	24	4.8	6.0	13	15.7	RSG26-16B-1	7.73	306.00	598.48
RN 1800-2	100.0	1800	170	100	90	93	28.0	65	20	26.5	24	4.8	6.0	13	15.7	RSG26-16B-1	8.00	334.00	653.25
RN 2200-24*	400.0	2200	200	120	110	105	35.0	80	25	27.0	29	5.0	9.0	10	15.7	RSG30-16B-1	12.00	920.00	1799.36
RN 4000-24*	600.0	4000	200	120	110	105	35.0	80	25	27.0	29	5.0	9.0	10	15.7	RSG30-16B-1	12.00	920.00	1799.36
RN 3800-32*	600.0	3800	254	140	125	120	48.0	90	29	33.0	32	5.0	10.0	10	**	**	21.00	1122.00	2194.44
RN 6800-32*	900.0	6800	254	140	125	120	48.0	90	29	33.0	32	5.0	10.0	10	**	**	21.00	1122.00	2194.44
RN 5500-32*	1000.0	5500	280	170	155	120	48.0	120	29	33.0	32	5.0	10.0	10	**	**	26.00	1162.00	2272.67
RN 10000-32*	1500.0	10000	280	170	155	120	48.0	120	29	33.0	32	5.0	10.0	10	**	**	26.00	1162.00	2272.67

**Applications**

Optichain-RN torque limiters are used as an overload safety device to prevent damage to machines and drives due to sudden machine blockage. They can also be used to soften hard starts by limiting the initial torque.

**Construction**

A ground sprocket is fitted between two friction linings and supported on a special sleeve. The limiting torque is controlled by rotating a ring nut (or with tension bolts on the larger versions).

Advantages of Optichain-RN torque limiters are:

- wide range of torque
- variable torque adjustment
- corrosion resistant surfaces
- asbestos free friction linings
- easy assembly

To guarantee a constant exact response from the torque limiter the friction linings must be totally free from grease. Prior to full operation the torque limiter should be run in for a short time to remove any rough spots from the linings and the ground sprocket. We recommend that the unit be allowed to slip for about 4 minutes at 60 rpm or thereabouts at 70% of the maximum torque.

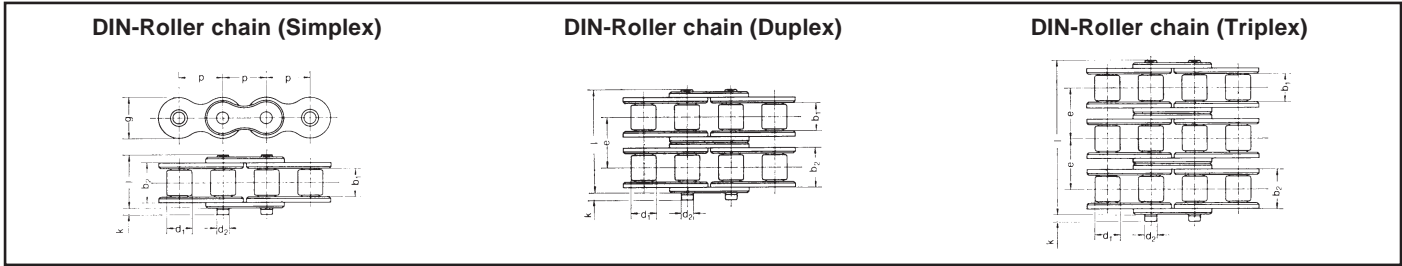
The torque figures given are the initial breakaway torques. The slip between the sprocket and the linings begins when these figures are exceeded. The actual slipping torque is only about 90% of these figures. This difference between the breakaway torque and the slipping torque is due to the different coefficients of friction applicable when there is no slip to when components are slipping.

Part No.	Torque limiter number	Pitch		No. of teeth	Outside diameter	Width	Euro/ each	DM/ each
		(inch)	(mm)					
RSG 16 06 B-1	5-2/10-2	3/8	9.525	16	52.3	4.7	<b>21.50</b>	<b>42.05</b>
RSG 18 06 B-1	15-1/28-2/40-3	3/8	9.525	18	58.3	4.7	<b>22.50</b>	<b>44.01</b>
RSG 19 06 B-1	30-1/55-2/70-3	3/8	9.525	19	61.3	4.7	<b>24.50</b>	<b>47.92</b>
RSG 22 06 B-1	15-1/28-2/40-3/30-1/55-2/70-3	3/8	9.525	22	71.0	4.7	<b>26.60</b>	<b>52.03</b>
RSG 25 06 B-1	70-1/120-2	3/8	9.525	25	80.0	4.7	<b>27.60</b>	<b>53.98</b>
RSG 32 06 B-1	130-1/240-2	3/8	9.525	32	101.3	4.7	<b>31.70</b>	<b>62.00</b>
RSG 14 08 B-1	15-1/28-2/40-3	1/2	12.700	14	61.8	6.6	<b>33.80</b>	<b>66.11</b>
RSG 15 08 B-1	30-1/55-2/70-3	1/2	12.700	15	65.5	6.6	<b>34.30</b>	<b>67.08</b>
RSG 20 08 B-1	70-1/120-2	1/2	12.700	20	85.8	6.6	<b>34.80</b>	<b>68.06</b>
RSG 25 08 B-1	130-1/240-2	1/2	12.700	25	105.8	6.6	<b>35.30</b>	<b>69.04</b>
RSG 28 08 B-1	190-1/340-2	1/2	12.700	28	118.0	6.6	<b>35.80</b>	<b>70.02</b>
RSG 34 08 B-1	350-1/650-2	1/2	12.700	34	142.6	6.6	<b>36.30</b>	<b>71.00</b>
RSG 16 10 B-1	70-1/120-2	5/8	15.875	16	88.0	8.5	<b>36.80</b>	<b>71.97</b>
RSG 18 10 B-1	70-1/120-2	5/8	15.875	18	98.3	8.5	<b>38.90</b>	<b>76.08</b>
RSG 21 10 B-1	130-1/240-2	5/8	15.875	21	113.4	8.5	<b>40.90</b>	<b>79.99</b>
RSG 24 10 B-1	190-1/340-2	5/8	15.875	24	128.3	8.5	<b>45.00</b>	<b>88.01</b>
RSG 28 10 B-1	350-1/650-2	5/8	15.875	28	148.7	8.5	<b>45.00</b>	<b>88.01</b>
RSG 18 12 B-1	130-1/240-2	3/4	19.050	18	118.0	10.5	<b>47.60</b>	<b>93.10</b>
RSG 20 12 B-1	130-1/240-2/190-1/340-2	3/4	19.050	20	129.7	10.5	<b>52.20</b>	<b>102.09</b>
RSG 24 12 B-1	350-1/650-2	3/4	19.050	24	153.9	10.5	<b>62.40</b>	<b>122.04</b>
RSG 28 12 B-1	650-1/1200-2	3/4	19.050	28	178.0	10.5	<b>73.00</b>	<b>142.78</b>
RSG 32 12 B-1	1000-1/1800-2	3/4	19.050	32	203.3	10.5	<b>81.80</b>	<b>159.99</b>
RSG 18 16 B-1	350-1/650-2	1	25.400	18	157.0	15.7	<b>87.40</b>	<b>170.94</b>
RSG 20 16 B-1	350-1/650-2	1	25.400	20	173.2	15.7	<b>93.10</b>	<b>182.09</b>
RSG 22 16 B-1	650-1/1200-2	1	25.400	22	189.3	15.7	<b>104.00</b>	<b>203.41</b>
RSG 26 16 B-1	1000-1/1800-2	1	25.400	26	221.6	15.7	<b>117.00</b>	<b>228.83</b>
RSG 30 16 B-1	2200-24/4000-24	1	25.400	30	254.0	15.7	<b>184.00</b>	<b>359.87</b>
RSG 30 24 B-1	2200-24/4000-24	1 1/2	38.100	30	379.5	23.3	<b>238.00</b>	<b>465.49</b>

**Plate sprockets**

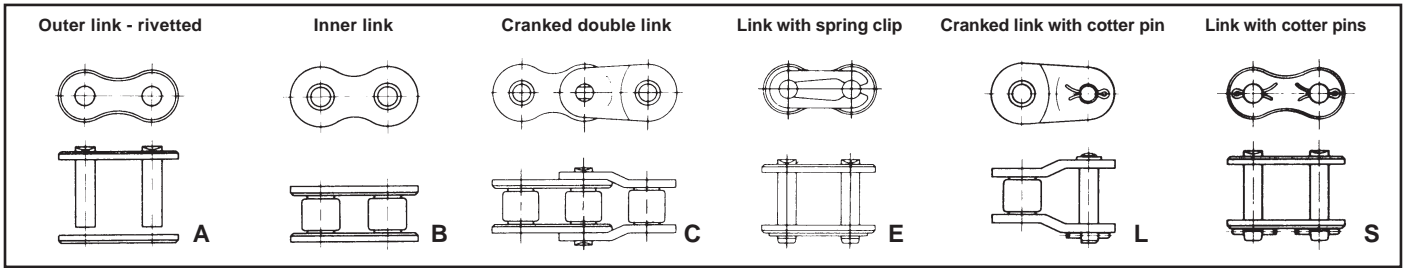
The torque limiters shown on page 98 do not come complete with the ground plate sprockets shown in column RSG. These must be purchased separately.

Please note that each torque limiter has a recommended matching range of ground plate sprockets covering various chain sizes and types. The matching sprockets must be used as the torque range shown will not be achieved with any other sprocket. The ground sprockets are finely machined on both sides to guarantee constant slip torque.



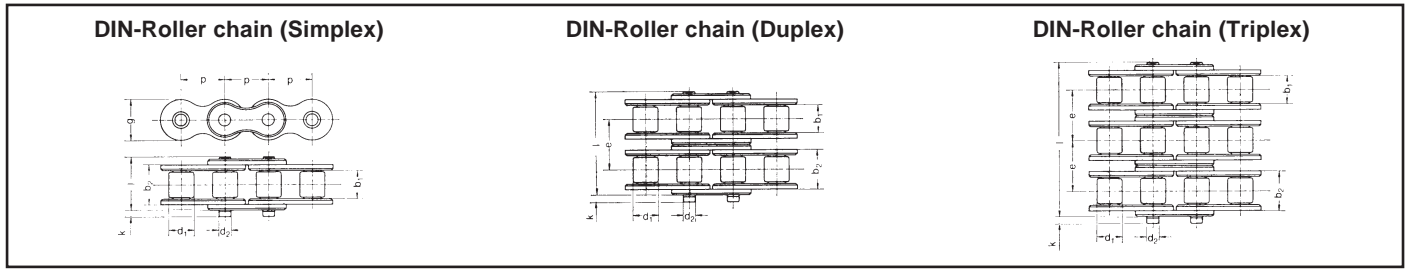
DIN/ISO No.	Designation	Pitch	Inside width	Connector inside width	Roller diameter	Pin diameter	Plate height	Projection	Track width	Transverse pitch	Breaking strength	Packing unit	Weight	Euro metre	DM metre
		p (mm)	b <sub>1</sub> min (mm)	b <sub>2</sub> max (mm)	d <sub>1</sub> max (mm)	d <sub>2</sub> (mm)	g <sub>max</sub> (mm)	k <sub>max</sub> (mm)	l <sub>max</sub> (mm)	e (mm)	F <sub>B</sub> min (kN)	(m)	(= kg/m)		
<b>DIN-Roller chain (Simplex)</b>															
05 B-1	8 mm x 1/8"	8.000	3.00	4.77	5.00	2.31	7.1	3.1	8.6	—	5.0	5•	0.18	15.20	29.73
06 B-1	3/8 x 7/32"	9.525	5.72	8.53	6.35	3.28	8.2	3.3	13.5	—	9.0	5•	0.41	9.10	17.80
081	1/2 x 1/8"	12.700	3.30	5.80	7.75	3.66	9.9	1.5	10.2	—	8.2	5•	0.28	8.30	16.23
08 B-1	1/2 x 5/16"	12.700	7.75	11.30	8.51	4.45	11.8	3.9	17.0	—	18.0	5•	0.70	8.60	16.82
10 B-1	5/8 x 3/8"	15.875	9.65	13.28	10.16	5.08	14.7	4.1	19.6	—	22.4	5•	0.95	11.80	23.08
12 B-1	3/4 x 7/16"	19.050	11.68	15.62	12.07	5.72	16.1	4.6	22.7	—	29.0	5•	1.25	14.70	28.75
16 B-1	1" x 17 mm	25.400	17.02	25.40	15.88	8.28	21.0	5.4	36.1	—	60.0	5•	2.70	25.50	49.87
20 B-1	1 1/4 x 3/4"	31.750	19.56	29.00	19.05	10.19	26.4	6.1	43.2	—	95.0	5•	3.60	48.10	94.08
24 B-1	1 1/2 x 1"	38.100	25.40	37.90	25.40	14.63	33.4	6.6	53.4	—	160.0	5	6.70	78.00	152.55
28 B-1	1 3/4 x 31 mm	44.450	30.99	46.50	27.94	15.90	37.0	7.4	65.1	—	200.0	5	8.30	103.00	201.45
32 B-1*	2" x 31 mm	50.800	30.99	45.50	29.21	17.81	42.2	7.9	67.4	—	250.0	5	10.50	108.00	211.23
40 B-1*	2 1/2 x 1 1/2"	63.500	38.10	55.70	39.37	22.89	52.9	10.0	82.6	—	355.0	5	16.00	426.00	833.18
48 B-1*	3 x 1 3/4"	76.200	45.72	70.50	48.26	29.24	63.8	10.0	99.1	—	560.0	5	25.00	834.00	1631.16
<b>Stainless construction*</b>															
06 B-1 RF	3/8 x 7/32"	9.525	5.72	8.53	6.35	3.28	8.2	3.3	13.5	—	7.0	5•	0.41	50.10	97.99
08 B-1 RF	1/2 x 5/16"	12.700	7.75	11.30	8.51	4.45	11.8	3.9	17.0	—	12.0	5•	0.70	48.10	94.08
10 B-1 RF	5/8 x 3/8"	15.875	9.65	13.28	10.16	5.08	14.7	4.1	19.6	—	14.5	5•	0.95	65.00	127.13
12 B-1 RF	3/4 x 7/16"	19.050	11.68	15.62	12.07	5.72	16.1	4.6	22.7	—	18.5	5•	1.25	85.80	167.81
16 B-1 RF	1" x 17 mm	25.400	17.02	25.40	15.88	8.28	21.0	5.4	36.1	—	40.0	5•	2.70	162.00	316.84
<b>DIN-Roller chain (Duplex)</b>															
06 B-2	3/8 x 7/32"	9.525	5.72	8.53	6.35	3.28	8.2	3.3	23.8	10.24	16.0	5•	0.78	19.60	38.33
08 B-2	1/2 x 5/16"	12.700	7.75	11.30	8.51	4.45	11.8	3.9	31.0	13.92	32.0	5•	1.35	22.10	43.22
10 B-2	5/8 x 3/8"	15.875	9.65	13.28	10.16	5.08	14.7	4.1	36.2	16.59	40.0	5•	1.35	28.70	56.13
12 B-2	3/4 x 7/16"	19.050	11.68	15.62	12.07	5.72	16.1	4.6	42.2	19.46	53.0	5•	2.50	36.30	71.00
16 B-2	1" x 17 mm	25.400	17.02	25.40	15.88	8.28	21.0	5.4	68.0	31.88	106.0	5•	5.40	60.50	118.33
20 B-2	1 1/4 x 3/4"	31.750	19.56	29.00	19.05	10.19	26.4	6.1	79.0	36.45	170.0	5	7.20	115.00	224.92
24 B-2	1 1/2 x 1"	38.100	25.40	37.90	25.40	14.63	33.4	6.6	101.0	48.36	280.0	5	13.50	209.00	408.77
28 B-2	1 3/4 x 31 mm	44.450	30.99	46.50	27.94	15.90	37.0	7.4	124.0	59.56	360.0	5	16.60	429.00	839.05
32 B-2*	2" x 31 mm	50.800	30.99	45.50	29.21	17.81	42.2	7.9	126.0	58.55	450.0	5	21.00	461.00	901.64
40 B-2*	2 1/2 x 1 1/2"	63.500	38.10	55.70	39.37	22.89	52.9	10.0	154.0	72.29	630.0	5	32.00	871.00	1703.53
48 B-2*	3 x 1 3/4"	76.200	45.72	70.50	48.26	29.24	63.8	10.0	190.0	91.21	1 000.0	5	50.00	1816.00	3551.79
<b>DIN-Roller chain (Triplex)</b>															
06 B-3	3/8 x 7/32"	9.525	5.72	8.53	6.35	3.28	8.2	3.3	34.0	10.24	23.6	5•	1.18	34.30	67.08
08 B-3	1/2 x 5/16"	12.700	7.75	11.30	8.51	4.45	11.8	3.9	44.9	13.92	47.5	5•	2.00	36.80	71.97
10 B-3	5/8 x 3/8"	15.875	9.65	13.28	10.16	5.08	14.7	4.1	52.8	16.59	60.0	5•	2.80	48.00	93.88
12 B-3	3/4 x 7/16"	19.050	11.68	15.62	12.07	5.72	16.1	4.6	61.7	19.46	80.0	5•	3.80	61.40	120.09
16 B-3	1" x 17 mm	25.400	17.02	25.40	15.88	8.28	21.0	5.4	99.9	31.88	160.0	5•	8.00	108.00	211.23
20 B-3	1 1/4 x 3/4"	31.750	19.56	29.00	19.05	10.19	26.4	6.1	116.0	36.45	250.0	5	11.00	188.00	367.70
24 B-3	1 1/2 x 1"	38.100	25.40	37.90	25.40	14.63	33.4	6.6	150.0	48.36	425.0	5	21.00	326.00	637.60
28 B-3	1 3/4 x 31 mm	44.450	30.99	46.50	27.94	15.90	37.0	7.4	184.0	59.56	530.0	5	25.00	790.00	1545.11
32 B-3*	2" x 31 mm	50.800	30.99	45.50	29.21	17.81	42.2	7.9	184.0	58.55	670.0	5	32.00	810.00	1584.22
40 B-3*	2 1/2 x 1 1/2"	63.500	38.10	55.70	39.37	22.89	52.9	10.0	227.0	72.29	950.0	5	48.00	1355.00	2650.15
48 B-3*	3 x 1 3/4"	76.200	45.72	70.50	48.26	29.24	63.8	10.0	281.0	91.21	1 500.0	5	75.00	2543.00	4973.68



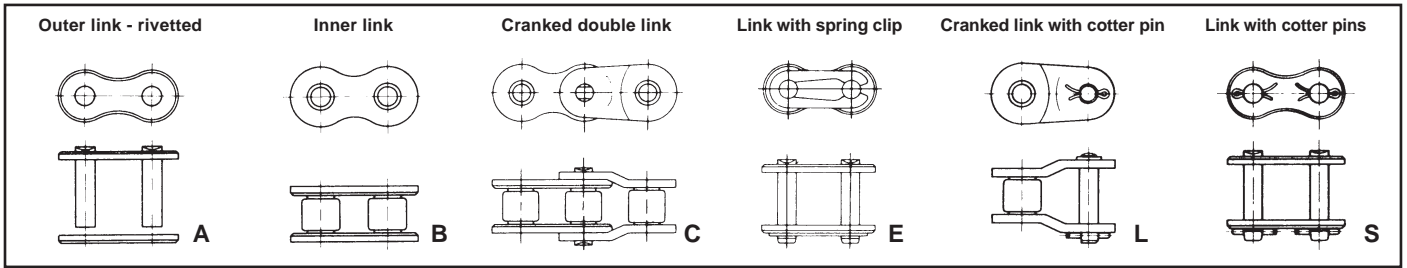


DIN/ISO No.	Designation	Type											
		A		B		C		E		L		S	
		Euro each	DM each	Euro each	DM each	Euro each	DM each	Euro each	DM each	Euro each	DM each	Euro each	DM each
<b>DIN-Roller chain (Simplex)</b>													
05 B-1	8 mm x 1/8"	1.20	2.35	—	—	1.20	2.35	1.70	3.32	—	—	—	—
06 B-1	3/8 x 7/32"	1.30	2.54	1.10	2.15	—	—	1.00	1.96	1.50	2.93	—	—
081	1/2 x 1/8"	0.80	1.56	—	—	—	—	1.00	1.96	2.40	4.69	—	—
08 B-1	1/2 x 5/16"	1.30	2.54	1.20	2.35	—	—	0.90	1.76	1.60	3.13	—	—
10 B-1	5/8 x 3/8"	1.60	3.13	1.70	3.32	—	—	1.10	2.15	2.10	4.11	—	—
12 B-1	3/4 x 7/16"	2.40	4.69	2.40	4.69	—	—	1.30	2.54	2.40	4.69	—	—
16 B-1	1" x 17 mm	4.30	8.41	3.80	7.43	—	—	—	—	4.90	9.58	2.50	4.89
20 B-1	1 1/4 x 3/4"	6.20	12.13	6.30	12.32	—	—	—	—	8.30	16.23	4.30	8.41
24 B-1	1 1/2 x 1"	10.80	21.12	10.30	20.15	—	—	—	—	13.70	26.79	7.00	13.69
28 B-1	1 3/4" x 31 mm	13.70	26.79	15.40	30.12	—	—	—	—	22.40	43.81	11.30	22.10
32 B-1	2" x 31 mm	18.50*	36.18*	17.40*	34.03*	—	—	—	—	29.20*	57.11*	14.80*	28.95*
40 B-1	2 1/2 x 1 1/2"	37.40*	73.15*	44.30*	86.64*	—	—	—	—	111.00*	217.10*	49.70*	97.20*
48 B-1	3 x 1 3/4"	99.70*	195.00*	90.70*	177.39*	—	—	—	—	222.00*	434.19*	125.00*	244.48*
<b>Stainless construction*</b>													
06 B-1 RF	3/8 x 7/32"	3.10	6.06	—	—	—	—	3.20	6.26	6.50	12.71	—	—
08 B-1 RF	1/2 x 5/16"	5.30	10.37	—	—	—	—	2.60	5.09	5.20	10.17	—	—
10 B-1 RF	5/8 x 3/8"	6.80	13.30	—	—	—	—	3.70	7.24	7.40	14.47	—	—
12 B-1 RF	3/4 x 7/16"	7.90	15.45	—	—	—	—	3.90	7.63	7.70	15.06	—	—
16 B-1 RF	1" x 17 mm	15.20	29.73	—	—	—	—	—	—	—	—	6.50	12.71
<b>DIN-Roller chain (Duplex)</b>													
06 B-2	3/8 x 7/32"	1.30	2.54	—	—	—	—	1.60	3.13	3.90	7.63	—	—
08 B-2	1/2 x 5/16"	1.70	3.32	—	—	—	—	1.60	3.13	4.00	7.82	—	—
10 B-2	5/8 x 3/8"	3.00	5.87	—	—	—	—	2.10	4.11	4.20	8.21	—	—
12 B-2	3/4 x 7/16"	4.30	8.41	—	—	—	—	2.40	4.69	4.60	9.00	—	—
16 B-2	1" x 17 mm	6.70	13.10	—	—	—	—	—	—	10.10	19.75	5.10	9.97
20 B-2	1 1/4 x 3/4"	11.60	22.69	—	—	—	—	—	—	17.10	33.44	8.30	16.23
24 B-2	1 1/2 x 1"	18.80	36.77	—	—	—	—	—	—	26.40	51.63	13.20	25.82
28 B-2	1 3/4" x 31 mm	31.40	61.41	—	—	—	—	—	—	67.90	132.80	32.10	62.78
32 B-2	2" x 31 mm	40.30*	78.82*	—	—	—	—	—	—	102.00*	199.49*	45.90*	89.77*
40 B-2	2 1/2 x 1 1/2"	71.60*	140.04*	—	—	—	—	—	—	234.00*	457.66*	89.70*	175.44*
48 B-2	3 x 1 3/4"	222.00*	434.19*	—	—	—	—	—	—	554.00*	1083.53*	393.00*	768.64*
<b>DIN-Roller chain (Triplex)</b>													
06 B-3	3/8 x 7/32"	3.20	6.26	—	—	—	—	2.10	4.11	5.50	10.76	—	—
08 B-3	1/2 x 5/16"	3.50	6.85	—	—	—	—	2.50	4.89	4.90	9.58	—	—
10 B-3	5/8 x 3/8"	4.60	9.00	—	—	—	—	2.80	5.48	6.10	11.93	—	—
12 B-3	3/4 x 7/16"	6.50	12.71	—	—	—	—	3.50	6.85	6.70	13.10	—	—
16 B-3	1" x 17 mm	12.50	24.45	—	—	—	—	7.20	14.08	14.50	28.36	7.20	14.08
20 B-3	1 1/4 x 3/4"	17.70	34.62	—	—	—	—	—	—	24.90	48.70	—	—
24 B-3	1 1/2 x 1"	28.80	56.33	—	—	—	—	—	—	39.00	76.28	19.50	38.14
28 B-3	1 3/4" x 31 mm	42.20	82.54	—	—	—	—	—	—	107.00	209.27	48.00	93.88
32 B-3	2" x 31 mm	59.30*	115.98*	—	—	—	—	—	—	150.00*	293.37*	67.40*	131.82*
40 B-3	2 1/2 x 1 1/2"	310.00*	606.31*	—	—	—	—	—	—	331.00*	647.38*	214.00*	418.55*
48 B-3	3 x 1 3/4"	995.00*	1946.05*	—	—	—	—	—	—	715.00*	1398.42*	630.00*	1232.17*

\* Non stock items Further types and special connectors on request. We reserve the right to make technical changes

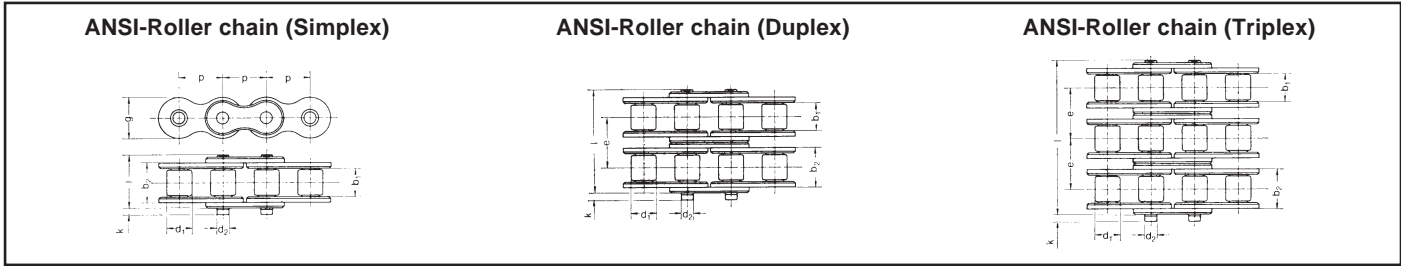


Part No.	Designation	Pitch	Inside width	Connector inside width	Roller diameter	Pin diameter	Plate height	Track width	Projection	Transverse pitch	Breaking strength	Weight	Packing unit	Euro/m	DM/m
		p (mm)	b <sub>1 min</sub> (mm)	b <sub>2 max</sub> (mm)	d <sub>1 max</sub> (mm)	d <sub>2</sub> (mm)	g <sub>max</sub> (mm)	l (mm)	k (mm)	e (mm)	F <sub>B min</sub> (kN)	q (= kg/m)	m		
<b>DIN-Roller chain (Simplex)</b>															
05B-1 B	8 mm x 1/8"	8.000	3.00	4.77	5.00	2.31	7.1	7.8	2.10	—	5.0	0.18	5.0•	18.70	36.57
06B-1 B	3/8" x 7/32"	9.525	5.77	8.53	6.35	3.28	8.2	12.5	1.50	—	9.0	0.40	5.0•	14.60	28.56
08B-1 B	1/2" x 5/16"	12.700	7.75	11.35	8.51	4.45	11.8	16.6	1.50	—	18.0	0.69	5.0•	14.90	29.14
10B-1 B	5/8" x 3/8"	15.875	9.65	13.25	10.16	5.08	13.7	19.0	1.50	—	23.0	0.85	5.0•	17.90	35.01
12B-1 B	3/4" x 7/16"	19.050	11.68	15.66	12.07	5.72	16.2	22.3	1.50	—	30.3	1.17	5.0•	21.60	42.25
16B-1 B	1" x 17 mm	25.400	17.02	25.45	15.88	8.28	20.8	35.1	3.00	—	65.0	2.66	5.0•	41.80	81.75
20B-1 B	1 1/4" x 3 3/4"	31.750	19.56	29.01	19.05	10.19	25.4	40.5	6.10	—	104.0	3.72	5.0	67.50	132.02
24B-1 B	1 1/2" x 1"	38.100	25.40	37.92	25.40	14.63	32.3	53.1	6.60	—	175.0	7.05	5.0	128.00	250.35
28B-1 B*	1 3/4" x 31mm	44.450	30.99	46.48	27.94	15.90	37.0	65.1	7.40	—	230.0	8.96	5.0	176.00	344.23
32B-1 B*	2" x 31 mm	50.800	30.99	45.57	29.21	17.81	42.3	63.3	7.90	—	265.0	10.00	5.0	191.00	373.56
40B-1 B*	2 1/2" x 1 1/2"	63.500	38.10	55.65	39.37	22.89	52.8	79.0	10.20	—	360.0	16.20	2.5	476.00	930.98
48B-1 B*	3 x 1 3/4"	76.200	47.10	70.50	48.26	29.22	64.2	98.6	12.00	—	590.0	24.93	2.5	932.00	1822.83
<b>DIN-Roller chain (Duplex)</b>															
06B-2 B	3/8" x 7/32"	9.525	5.77	8.53	6.35	3.28	8.2	23.1	2.10	10.24	17.5	0.74	5.0•	27.10	53.00
08B-2 B	1/2" x 5/16"	12.700	7.75	11.35	8.51	4.45	11.8	30.6	1.50	13.92	36.0	1.35	5.0•	33.90	66.30
10B-2 B	5/8" x 3/8"	15.875	9.65	13.25	10.16	5.08	13.7	35.8	1.50	16.59	45.5	1.66	5.0•	38.10	74.52
12B-2 B	3/4" x 7/16"	19.050	11.68	15.66	12.07	5.72	16.2	41.8	1.50	19.46	60.0	2.32	5.0•	52.20	102.09
16B-2 B	1" x 17 mm	25.400	17.02	25.45	15.88	8.33	20.8	68.0	3.00	31.88	130.0	5.28	5.0	110.00	215.14
20B-2 B	1 1/4" x 3 3/4"	31.750	19.56	29.01	19.05	10.19	25.4	79.7	6.10	36.45	209.0	7.36	5.0	158.00	309.02
24B-2 B	1 1/2" x 1"	38.100	25.40	37.92	25.40	14.63	32.3	101.8	6.60	48.36	350.0	13.85	5.0	313.00	612.17
28B-2 B*	1 3/4" x 31mm	44.450	30.99	46.48	27.94	15.90	37.0	124.7	7.40	59.56	460.0	18.80	2.5	488.00	954.45
32B-2 B*	2" x 31 mm	50.800	30.99	45.57	29.21	17.81	42.3	126.0	7.90	58.55	530.0	19.80	2.5	501.00	979.87
40B-2 B*	2 1/2" x 1 1/2"	63.500	38.10	55.65	39.37	22.89	52.8	154.9	10.20	72.29	720.0	32.08	2.5	992.00	1940.18
48B-2 B*	3 x 1 3/4"	76.200	47.10	70.50	48.26	29.22	64.2	189.5	12.00	91.21	1180.0	49.50	2.5	1895.00	3706.30
<b>DIN-Roller chain (Triplex)</b>															
06B-3 B*	3/8" x 7/32"	9.525	5.77	8.53	6.35	3.28	8.2	33.0	2.10	10.24	26.0	1.10	5.0•	71.60	140.04
08B-3 B*	1/2" x 5/16"	12.700	7.75	11.35	8.51	4.45	11.8	44.6	1.50	13.92	54.6	2.02	5.0•	57.80	113.05
10B-3 B*	5/8" x 3/8"	15.875	9.65	13.25	10.16	5.08	13.7	52.3	1.50	16.59	68.5	2.61	5.0•	68.50	133.97
12B-3 B*	3/4" x 7/16"	19.050	11.68	15.66	12.07	5.72	16.2	61.4	1.50	19.46	90.0	3.48	5.0	74.60	145.90
16B-3 B*	1" x 17 mm	25.400	17.02	25.45	15.88	8.33	20.8	99.9	3.00	31.88	190.0	7.86	5.0	164.00	320.76
20B-3 B*	1 1/4" x 3 3/4"	31.750	19.56	29.01	19.05	10.19	25.4	116.1	6.10	36.45	313.5	11.00	5.0	268.00	524.16
24B-3 B*	1 1/2" x 1"	38.100	25.40	37.92	25.40	14.63	32.3	150.2	6.60	48.36	525.0	20.31	5.0	400.00	782.33
28B-3 B*	1 3/4" x 31mm	44.450	30.99	46.48	27.94	15.90	37.0	184.6	7.40	59.56	690.0	28.00	2.5	799.00	1562.71
32B-3 B*	2" x 31 mm	50.800	30.99	45.57	29.21	17.81	42.3	184.5	7.90	58.55	795.0	29.60	2.5	821.00	1605.74
40B-3 B*	2 1/2" x 1 1/2"	63.500	38.10	55.65	39.37	22.89	52.8	227.2	10.20	72.29	1080.0	47.96	2.5	1503.00	2939.61
48B-3 B*	3 x 1 3/4"	76.200	47.10	70.50	48.26	29.22	64.2	280.3	12.00	91.21	1770.0	80.20	2.5	2745.00	5368.75

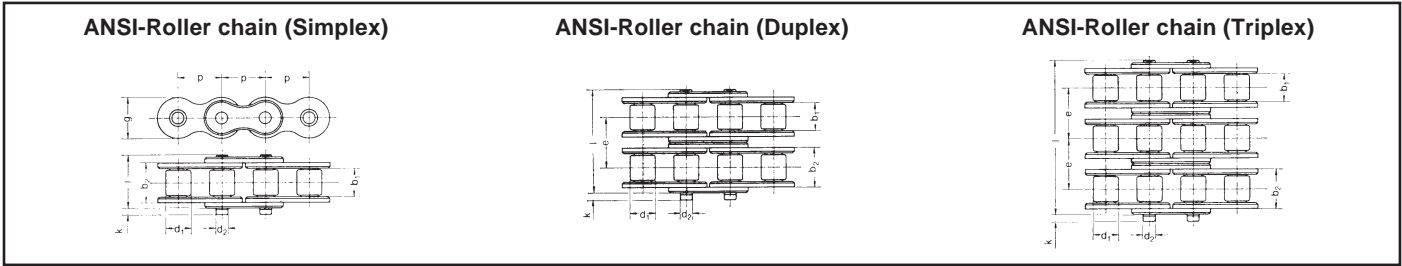


Part No.	Designation	Outer link rivetted		Inner link		Cranked double link		Link with spring clip		Cranked link with cotter pin		Link with cotter pins	
		A		B		C		E		L		S	
		Euro each	DM each	Euro each	DM each	Euro each	DM each	Euro each	DM each	Euro each	DM each	Euro each	DM each
<b>DIN-Roller chain (Simplex)</b>													
05B-1 B	8 mm x 1/8"	2.50	4.89	—	—	6.90	13.50	4.00	7.82	—	—	—	—
06B-1 B	3/8" x 7/32"	1.50	2.93	—	—	4.80	9.39	1.60	3.13	10.10	19.75	—	—
08B-1 B	1/2" x 5/16"	1.60	3.13	1.30	2.54	3.90	7.63	2.10	4.11	5.90	11.54	—	—
10B-1 B	5/8" x 3/8"	1.80	3.52	2.00	3.91	4.20	8.21	2.10	4.11	6.10	11.93	—	—
12B-1 B	3/4" x 7/16"	2.50	4.89	2.70	5.28	4.40	8.61	2.70	5.28	6.60	12.91	—	—
16B-1 B	1" x 17 mm	4.60	9.00	4.20	8.21	18.30	35.79	8.10	15.84	36.10	70.61	—	—
20B-1 B	1 1/4" x 3/4"	8.00	15.65	6.70	13.10	—	—	—	—	51.90	101.51	23.20	45.38
24B-1 B	1 1/2" x 1"	14.30	27.97	11.00	21.51	—	—	—	—	66.00	129.08	23.40	45.77
28B-1 B	1 3/4" x 31mm	19.10*	37.36*	17.70*	34.62*	—	—	—	—	129.00*	252.30*	41.00*	80.19*
32B-1 B	2" x 31 mm	23.80*	46.55*	19.90*	38.92*	—	—	—	—	132.00*	258.17*	44.90*	87.82*
40B-1 B	2 1/2" x 1 1/2"	41.80*	81.75*	44.40*	86.84*	—	—	—	—	186.00*	363.78*	68.00*	133.00*
48B-1 B	3 x 1 3/4"	219.00*	428.33*	109.00*	213.19*	—	—	—	—	—	—	—	—
<b>DIN-Roller chain (Duplex)</b>													
06B-2 B	3/8" x 7/32"	1.30	2.54	—	—	12.30	24.06	2.30	4.50	11.40	22.30	—	—
08B-2 B	1/2" x 5/16"	1.80	3.52	—	—	8.70	17.02	3.00	5.87	11.30	22.10	—	—
10B-2 B	5/8" x 3/8"	3.00	5.87	—	—	8.80	17.21	3.10	6.06	11.30	22.10	—	—
12B-2 B	3/4" x 7/16"	4.60	9.00	—	—	9.70	18.97	5.20	10.17	13.30	26.01	—	—
16B-2 B	1" x 17 mm	7.90	15.45	—	—	37.50	73.30	13.30	26.01	51.90	101.51	—	—
20B-2 B	1 1/4" x 3/4"	11.80	23.08	—	—	—	—	—	—	67.00	131.04	24.80	48.50
24B-2 B	1 1/2" x 1"	18.90	36.97	—	—	—	—	—	—	134.00	262.08	36.50	71.39
28B-2 B	1 3/4" x 31mm	32.30*	63.17*	—	—	—	—	—	—	263.00*	514.38*	57.00*	111.48*
32B-2 B	2" x 31 mm	42.10*	82.34*	—	—	—	—	—	—	265.00*	518.29*	67.50*	132.02*
40B-2 B	2 1/2" x 1 1/2"	75.10*	146.88*	—	—	—	—	—	—	269.00*	526.12*	91.70*	179.35*
48B-2 B	3 x 1 3/4"	—	—	—	—	—	—	—	—	—	—	—	—
<b>DIN-Roller chain (Triplex)</b>													
06B-3 B	3/8" x 7/32"	3.40*	6.65*	—	—	19.50*	38.14*	3.70*	7.24*	9.10*	17.80*	—	—
08B-3 B	1/2" x 5/16"	3.80*	7.43*	—	—	16.60*	32.47*	4.60*	9.00*	20.60*	40.29*	—	—
10B-3 B	5/8" x 3/8"	5.00*	9.78*	—	—	17.20*	33.64*	5.20*	10.17*	21.30*	41.66*	—	—
12B-3 B	3/4" x 7/16"	6.80*	13.30*	—	—	18.40*	35.99*	7.40*	14.47*	21.90*	42.83*	—	—
16B-3 B	1" x 17 mm	12.80*	25.03*	—	—	57.30*	112.07*	17.90*	35.01*	100.00*	195.58*	—	—
20B-3 B	1 1/4" x 3/4"	18.30*	35.79*	—	—	—	—	—	—	105.00*	205.36*	37.10*	72.56*
24B-3 B	1 1/2" x 1"	29.80*	58.28*	—	—	—	—	—	—	192.00*	375.52*	58.50*	114.42*
28B-3 B	1 3/4" x 31mm	53.90*	105.42*	—	—	—	—	—	—	499.00*	975.96*	102.00*	199.49*
32B-3 B	2" x 31 mm	71.10*	139.06*	—	—	—	—	—	—	503.00*	983.78*	102.00*	199.49*
40B-3 B	2 1/2" x 1 1/2"	142.00*	277.73*	—	—	—	—	—	—	505.00*	987.69*	252.00*	492.87*
48B-3 B	3 x 1 3/4"	—	—	—	—	—	—	—	—	—	—	—	—

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



Part No.	DIN/ISO No.	Designation	Pitch	Inside width	Connector inside width	Roller diameter	Pin diameter	Plate height	Track width	Pro-jection	Trans-verse pitch	Breaking strength	Weight	Pack- ing unit	Euro/m	DM/m
			p (mm)	b <sub>1 min</sub> (mm)	b <sub>2 max</sub> (mm)	d <sub>1 max</sub> (mm)	d <sub>2</sub> (mm)	g <sub>max</sub> (mm)	l (mm)	k (mm)	e (mm)	F <sub>B min</sub> (kN)	q (= kg/m)	m		
<b>ANSI-Roller chain (Simplex)</b>																
25-1 B <sup>1)</sup> *	04C-1	1/4" x 1/8"	6.350	3.20	4.70	3.30 <sup>2)</sup>	2.30	5.85	7.8	1.10	—	3.9	0.13	5.0•	12.30	24.06
35-1 B <sup>1)</sup> *	06C-1	3/8" x 3/16"	9.525	4.80	7.30	5.08 <sup>2)</sup>	3.58	9.00	11.7	1.40	—	9.8	0.36	5.0•	12.80	25.03
40-1 B	08A-1	1/2" x 5/16"	12.700	7.95	10.95	7.92	3.96	12.00	16.1	2.20	—	15.6	0.66	5.0•	14.40	28.16
50-1 B	10A-1	5/8" x 3/8"	15.875	9.55	13.55	10.16	5.08	15.00	20.3	2.20	—	26.4	1.08	5.0•	18.40	35.99
60-1 B	12A-1	3/4" x 1/2"	19.050	12.70	17.50	11.91	5.95	18.00	25.4	2.50	—	37.7	1.60	5.0•	25.50	49.87
80-1 B	16A-1	1" x 5/8"	25.400	15.90	22.30	15.88	7.94	24.10	32.7	5.00	—	70.6	2.80	5.0•	43.70	85.47
100-1 B	20A-1	1 1/4" x 3/4"	31.750	19.15	27.15	19.05	9.53	30.10	39.9	5.10	—	105.9	4.20	5.0•	75.70	148.06
120-1 B	24A-1	1 1/2" x 1"	38.100	25.55	35.15	22.23	11.11	36.20	50.1	5.50	—	148.0	6.20	3.0•	101.00	197.54
140-1 B	28A-1	1 3/4" x 1"	44.450	25.40	36.60	25.40	12.71	42.20	54.2	6.80	—	186.3	7.70	3.0•	128.00	250.35
160-1 B	32A-1	2" x 1 1/4"	50.800	31.75	44.55	28.58	14.29	48.20	62.9	8.80	—	227.5	9.90	3.0•	165.00	322.71
200-1 B*	40A-1	2 1/2" x 1 1/2"	63.500	38.10	54.10	39.68	19.85	60.10	77.8	9.90	—	391.2	16.50	1.5	334.00	653.25
240-1 B*	48A-1	3" x 1 7/8"	76.200	48.00	67.00	47.63	23.80	72.40	94.4	13.60	—	550.0	24.80	1.5	685.00	1339.74
<b>ANSI-Roller chain (Duplex)</b>																
25-2 B <sup>1)</sup> *	04C-2	1/4" x 1/8"	6.350	3.20	4.70	3.30 <sup>2)</sup>	2.30	5.85	14.3	1.00	6.40	7.8	0.27	5.0•	32.60	63.76
35-2 B <sup>1)</sup> *	06C-2	3/8" x 3/16"	9.525	4.80	7.30	5.08 <sup>2)</sup>	3.58	9.00	21.9	1.30	10.10	19.6	0.70	5.0•	30.00	58.67
40-2 B	08A-2	1/2" x 5/16"	12.700	7.95	10.95	7.92	3.96	12.00	30.5	2.20	14.40	31.2	1.30	5.0•	34.00	66.50
50-2 B	10A-2	5/8" x 3/8"	15.875	9.55	13.55	10.16	5.08	15.00	38.4	2.20	18.10	52.8	2.13	5.0•	43.40	84.88
60-2 B	12A-2	3/4" x 1/2"	19.050	12.70	17.50	11.91	5.95	18.00	48.2	2.50	22.80	75.4	3.10	5.0•	59.80	116.96
80-2 B	16A-2	1" x 5/8"	25.400	15.90	22.30	15.88	7.94	24.10	62.1	4.90	29.30	141.2	5.60	3.0•	103.00	201.45
100-2 B	20A-2	1 1/4" x 3/4"	31.750	19.15	27.15	19.05	9.53	30.10	75.7	5.10	35.80	211.8	8.40	3.0•	172.00	336.40
120-2 B	24A-2	1 1/2" x 1"	38.100	25.55	35.15	22.23	11.11	36.20	95.6	5.40	45.40	296.0	12.20	3.0•	256.00	500.69
140-2 B	28A-2	1 3/4" x 1"	44.450	25.40	36.60	25.40	12.71	42.20	103.2	6.70	48.90	372.6	15.10	1.5•	307.00	600.44
160-2 B	32A-2	2" x 1 1/4"	50.800	31.75	44.55	28.58	14.29	48.20	121.4	8.80	58.50	455.0	19.60	1.5•	407.00	796.02
200-2 B*	40A-2	2 1/2" x 1 1/2"	63.500	38.10	54.10	39.68	19.85	60.10	149.4	9.90	71.60	782.4	32.50	1.5	807.00	1578.35
240-2 B*	48A-2	3" x 1 7/8"	76.200	48.00	67.00	47.63	23.80	72.40	182.2	13.60	87.80	1100.0	49.00	1.5	1551.00	3033.49
<b>ANSI-Roller chain (Triplex)</b>																
35-3 B <sup>1)</sup> *	06C-3	3/8" x 3/16"	9.525	4.80	7.30	5.08 <sup>2)</sup>	3.58	9.00	32.0	1.30	10.10	19.6	1.03	5.0•	48.80	95.44
40-3 B*	08A-3	1/2" x 5/16"	12.700	7.95	10.95	7.92	3.96	12.00	45.0	2.10	14.40	46.8	1.94	5.0•	57.30	112.07
50-3 B*	10A-3	5/8" x 3/8"	15.875	9.55	13.55	10.16	5.08	15.00	56.6	2.10	18.10	79.2	3.18	5.0•	81.30	159.01
60-3 B*	12A-3	3/4" x 1/2"	19.050	12.70	17.50	11.91	5.95	18.00	71.1	2.40	22.80	113.1	4.60	5.0•	92.00	179.94
80-3 B*	16A-3	1" x 5/8"	25.400	15.90	22.30	15.88	7.94	24.10	91.4	4.90	29.30	211.8	8.30	3.0•	181.00	354.01
100-3 B*	20A-3	1 1/4" x 3/4"	31.750	19.15	27.15	19.05	9.53	30.10	111.6	5.00	35.80	317.7	12.50	3.0•	274.00	535.90
120-3 B*	24A-3	1 1/2" x 1"	38.100	25.55	35.15	22.23	11.11	36.20	141.0	5.40	45.40	444.0	18.30	1.5•	450.00	880.12
140-3 B*	28A-3	1 3/4" x 1"	44.450	25.40	36.60	25.40	12.71	42.20	152.1	6.70	48.90	558.9	22.60	1.5•	500.00	977.92
160-3 B*	32A-3	2" x 1 1/4"	50.800	31.75	44.55	28.58	14.29	48.20	179.9	8.80	58.50	682.5	29.30	1.5•	614.00	1200.88
200-3 B*	40A-3	2 1/2" x 1 1/2"	63.500	38.10	54.10	39.68	19.85	60.10	221.0	9.90	71.60	1173.6	48.60	1.5	1319.00	2579.74
240-3 B*	48A-3	3" x 1 7/8"	76.200	48.00	67.00	47.63	23.80	72.40	270.0	13.60	87.80	1650.0	73.10	1.0	2323.00	4543.39



Part No.	DIN/ISO No.	Designation	Pitch	Inside width	Connector inside width	Roller diameter	Pin diameter	Plate height	Track width	Pro-jection	Trans-verse pitch	Breaking strength	Weight	Pack- ing unit	Euro/m	DM/m
			p (mm)	b <sub>1 min</sub> (mm)	b <sub>2 max</sub> (mm)	d <sub>1 max</sub> (mm)	d <sub>2</sub> (mm)	g <sub>max</sub> (mm)	l (mm)	k (mm)	e (mm)	F <sub>B min</sub> (kN)	q (= kg/m)	m		
<b>Roller chain – American Standard – H-Series (Heavy)</b>																
60H-1 B	—	3/4" x 1/2"	19.050	12.70	19.10	11.91	5.95	18.00	28.7	2.20	—	37.7	1.88	5.0•	<b>39.80</b>	<b>77.84</b>
80H-1 B	—	1" x 5/8"	25.400	15.90	23.90	15.88	7.94	24.10	35.9	3.30	—	70.6	3.10	5.0•	<b>72.10</b>	<b>141.02</b>
100H-1 B	—	1 1/4" x 3/4"	31.750	19.15	28.75	19.05	9.53	30.10	43.1	3.60	—	105.9	4.60	5.0•	<b>116.00</b>	<b>266.88</b>

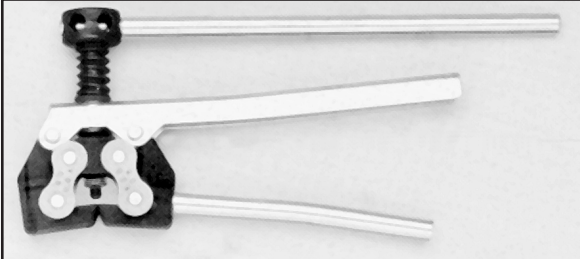
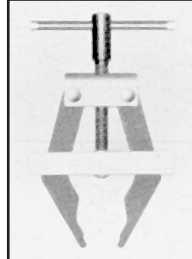
All items marked • are packed in a carton.

1) Bushed chain    2) Bush diameter

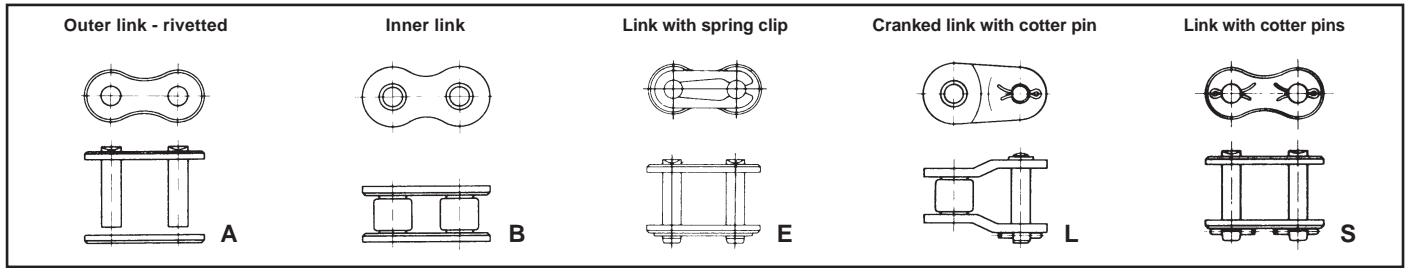
Surcharges for lengths from 1 to 5 m:

For roller chain up to and including 12 B (3/4") — 8 % surcharge  
 For roller chain 16 B (1") and over — 12 % surcharge

Lengths under 1 meter and other roller chain construction on request.

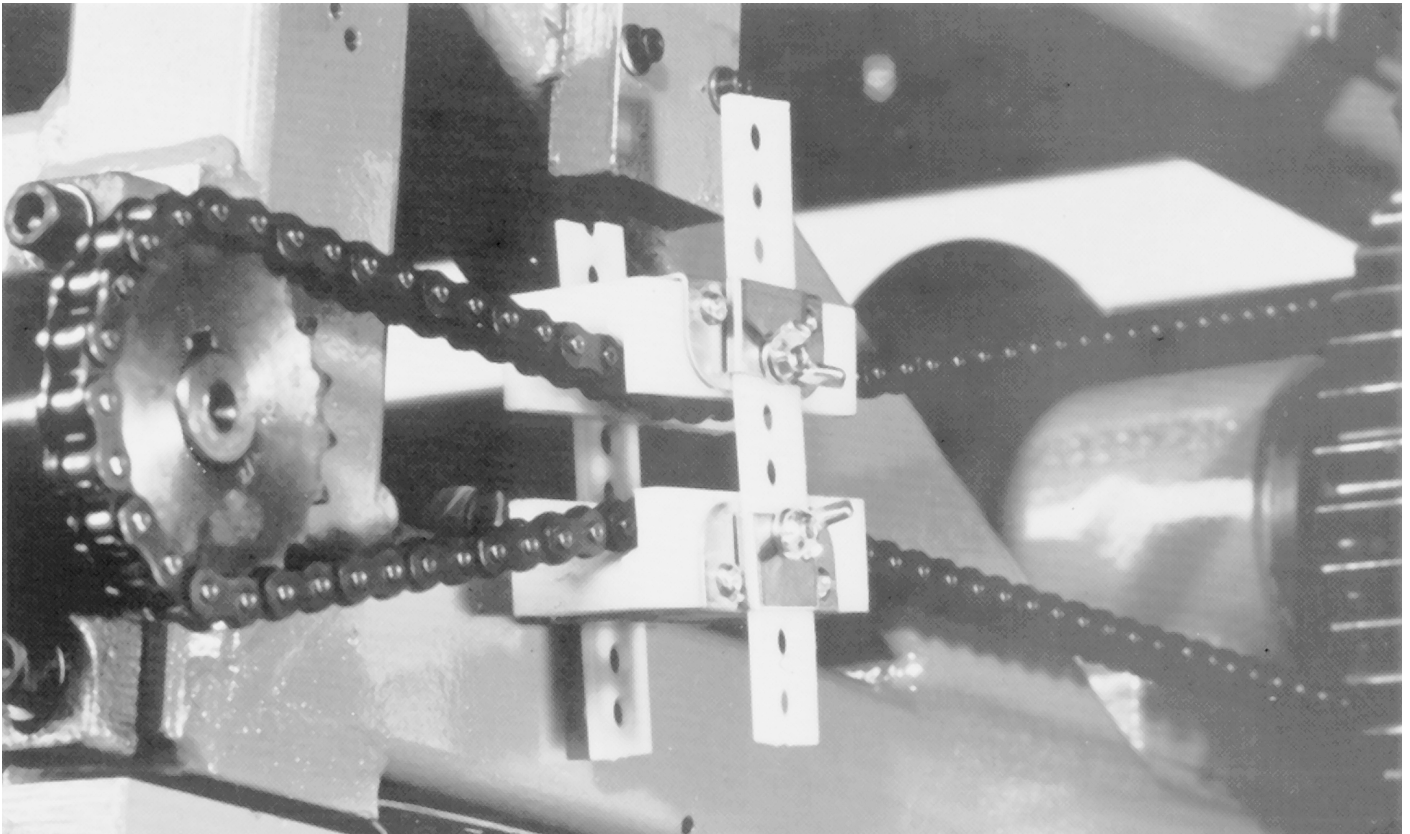
<h3>Chain breakers</h3> <p>Model 1: (05 to 12) <b>Euro 68.00 / DM 133.00</b>                  Model 2: (12 to 20) <b>Euro 102.00 / DM 199.49</b></p> 	<h3>Chain pullers</h3> <p>Model 35: (06 to 12) <b>Euro 58.00 / DM 113.44</b>                  Model 50: (08 to 16) <b>Euro 91.00 / DM 177.98</b>                  Model 80: (16 to 40) <b>Euro 109.00 / DM 213.19</b></p> 
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Part No.	DIN/ISO No.	Designation	Outer link rivetted		Inner link		Link with spring clip		Cranked link with cotter pin		Link with cotter pins	
			A		B		E		L		S	
			Euro each	DM each	Euro each	DM each	Euro each	DM each	Euro each	DM each	Euro each	DM each
<b>ANSI-Roller chain (Simplex)</b>												
25-1 B <sup>1)</sup>	04C-1	1/4" x 1/8"	0.70*	1.37*	1.00*	1.96*	1.40*	2.74*	4.00*	7.82*	—	—
35-1 B <sup>1)</sup>	06C-1	3/8" x 3/16"	0.70*	1.37*	1.00*	1.96*	1.40*	2.74*	2.80*	5.48*	—	—
40-1 B	08A-1	1/2" x 5/16"	0.90	1.76	1.20	2.35	1.70	3.32	3.40	6.65	—	—
50-1 B	10A-1	5/8" x 3/8"	1.30	2.54	1.70	3.32	2.30	4.50	4.50	8.80	—	—
60-1 B	12A-1	3/4" x 1/2"	1.80	3.52	2.60	5.09	3.20	6.26	6.10	11.93	—	—
80-1 B	16A-1	1" x 5/8"	5.40	10.56	6.70	13.10	6.20	12.13	17.70	34.62	—	—
100-1 B	20A-1	1 1/4" x 3/4"	8.70	17.02	10.80	21.12	—	—	30.00	58.67	8.00	15.65
120-1 B	24A-1	1 1/2" x 1"	15.50	30.32	19.30	37.75	—	—	41.50	81.17	14.60	28.56
140-1 B	28A-1	1 3/4" x 1"	22.20	43.42	27.60	53.98	—	—	74.10	144.93	24.30	47.53
160-1 B	32A-1	2" x 1 1/4"	32.30	63.17	40.10	78.43	—	—	81.80	159.99	33.40	65.32
200-1 B	40A-1	2 1/2" x 1 1/2"	93.00*	181.89*	115.00*	224.92*	—	—	229.00*	447.89*	86.60*	169.37*
240-1 B	48A-1	3" x 1 7/8"	—	—	—	—	—	—	320.00*	625.87*	141.00*	275.77*
<b>ANSI-Roller chain (Duplex)</b>												
25-2 B <sup>1)</sup>	04C-2	1/4" x 1/8"	—	—	—	—	3.00*	5.87*	7.90*	15.45*	—	—
35-2 B <sup>1)</sup>	06C-2	3/8" x 3/16"	1.50*	2.93*	—	—	2.30*	4.50*	5.70*	11.15*	—	—
40-2 B	08A-2	1/2" x 5/16"	2.00	3.91	—	—	2.50	4.89	6.70	13.10	—	—
50-2 B	10A-2	5/8" x 3/8"	2.90	5.67	—	—	3.60	7.04	8.70	17.02	—	—
60-2 B	12A-2	3/4" x 1/2"	4.00	7.82	—	—	4.90	9.58	12.00	23.47	—	—
80-2 B	16A-2	1" x 5/8"	11.90	23.27	—	—	11.20	21.91	35.50	69.43	—	—
100-2 B	20A-2	1 1/4" x 3/4"	19.00	37.16	—	—	—	—	59.90	117.15	14.10	27.58
120-2 B	24A-2	1 1/2" x 1"	34.10	66.69	—	—	—	—	82.80	161.94	26.40	51.63
140-2 B	28A-2	1 3/4" x 1"	48.80	95.44	—	—	—	—	163.00	318.80	43.70	85.47
160-2 B	32A-2	2" x 1 1/4"	77.50	151.58	—	—	—	—	180.00	352.05	73.30	143.36
200-2 B	40A-2	2 1/2" x 1 1/2"	204.00*	398.99*	—	—	—	—	504.00*	985.74*	190.00*	371.61*
240-2 B	48A-2	3" x 1 7/8"	—	—	—	—	—	—	679.00*	1328.01*	310.00*	606.31*
<b>ANSI-Roller chain (Triplex)</b>												
35-3 B <sup>1)</sup>	06C-3	3/8" x 3/16"	—	—	—	—	3.50*	6.85*	8.50*	16.62*	—	—
40-3 B	08A-3	1/2" x 5/16"	—	—	—	—	5.20*	10.17*	11.00*	21.51*	—	—
50-3 B	10A-3	5/8" x 3/8"	—	—	—	—	5.50*	10.76*	14.50*	28.36*	—	—
60-3 B	12A-3	3/4" x 1/2"	—	—	—	—	7.70*	15.06*	18.00*	35.20*	—	—
80-3 B	16A-3	1" x 5/8"	—	—	—	—	17.40*	34.03*	53.10*	103.85*	—	—
100-3 B	20A-3	1 1/4" x 3/4"	—	—	—	—	—	—	90.00*	176.02*	22.10*	43.22*
120-3 B	24A-3	1 1/2" x 1"	—	—	—	—	—	—	124.00*	242.52*	40.80*	79.80*
140-3 B	28A-3	1 3/4" x 1"	—	—	—	—	—	—	244.00*	477.22*	67.80*	132.61*
160-3 B	32A-3	2" x 1 1/4"	—	—	—	—	—	—	270.00*	528.07*	110.00*	215.14*
200-3 B	40A-3	2 1/2" x 1 1/2"	—	—	—	—	—	—	756.00*	1478.61*	286.00*	559.37*
240-3 B	48A-3	3" x 1 7/8"	—	—	—	—	—	—	1056.00*	2065.36*	466.00*	911.42*
<b>Roller chain – American Standard – H-Series (Heavy duty)</b>												
60H-1 B	—	3/4" x 1/2"	3.80	7.43	3.40	6.65	—	—	6.70	13.10	3.40	6.65
80H-1 B	—	1" x 5/8"	10.30	20.15	8.70	17.02	—	—	24.20	47.33	8.20	16.04
100H-1 B	—	1 1/4" x 3/4"	17.40	34.03	14.00	27.38	—	—	33.30	65.13	11.20	21.91





## Design and operation

The Optichain-CC standard construction consists of two shaped guides connected on either side by punched, adjustable bands.

Because of the large radius of the shaped guides and because the tensioner rides directly on the chain it absorbs jerks and vibrations. This ensures the chain runs smoothly and reduces noise and chain wear.

The Optichain-CC requires no fixed mounting points and therefore eliminates the need for complicated and expensive bracketry. The two spans of the chain drive are pressed towards each other by the two guides. As the chain stretches the chain controller moves towards one of the two sprockets (where  $i \neq 1$  towards the smaller sprocket). This increases the wrap of the chain on the sprocket which in turn takes up the added length of the chain. The life of belts the chain and the sprockets benefits from the improved meshing.

Optichain-CC offers the following advantages:

- **simple and quick installation**
- **light weight**
- **no mounts or brackets required**
- **reduced chain and sprocket wear**
- **correct and constant chain tension**
- **economic components**

Further more errors in axial alignment are compensated for by the guides which contributes considerably to the life improvement of both chains and sprocket.

## Characteristics

The chain guides are made from ultra high molecular weight polyethylene (UHMW) with a very high degree of polymerisation. Due to its high molecular weight this material combines several technically important properties desirable in this particular application:

- **strength (impact value) even at low temperatures**
- **stability of shape in hot conditions**
- **resistance to stress corrosion**
- **resistance to friction at high temperatures**
- **high degree of shock absorption**
- **resistance to wear**

Please ask for further information.

Roller chain type		Standard			Type V (reinforced)			Type H (heat resistant)		
European standard/ DIN/ISO	American standard/ ANSI	Part No.	Euro/each	DM/each	Part No.	Euro/each	DM/each	Part No.	Euro/each	DM/each
	25-1	CC 25	<b>44.50</b>	<b>87.03</b>	CC 25-V	<b>64.70</b>	<b>126.54</b>	CC 25-H	<b>146.00</b>	<b>285.55</b>
	35-1	CC 35	<b>53.30</b>	<b>104.25</b>	CC 35-V	<b>72.90</b>	<b>142.58</b>	CC 35-H	<b>154.00</b>	<b>301.20</b>
06 B-1 08 B-1	25-2 40-1	CC 40	<b>72.80</b>	<b>142.38</b>	CC 40-V	<b>89.00</b>	<b>174.07</b>	CC 40-H	<b>235.00</b>	<b>459.62</b>
06 B-2 10 B-1	35-2 50-1	CC 50	<b>85.60</b>	<b>167.42</b>	CC 50-V	<b>113.00</b>	<b>221.01</b>	CC 50-H	<b>299.00</b>	<b>584.79</b>
08 B-2 12 B-1	35-3 60-1 60H-1	CC 60	<b>97.00</b>	<b>189.72</b>	CC 60-V	<b>138.00</b>	<b>269.90</b>	CC 60-H	<b>315.00</b>	<b>616.09</b>
10 B-2 16 B-1	40-2 50-2 80-1 80H-1	CC 80	<b>125.00</b>	<b>244.48</b>	CC 80-V	<b>162.00</b>	<b>316.84</b>	CC 80-H	<b>486.00</b>	<b>950.53</b>
08 B-3 12 B-2 20 B-1	40-3 100-1 100H-1	CC 100	<b>165.00</b>	<b>322.71</b>	CC 100-V	<b>226.00</b>	<b>442.02</b>	CC 100-H	<b>736.00</b>	<b>1439.49</b>
10 B-3 24 B-1	50-3 60-2 80-2 120-1 60H-2 120H-1	CC 120	<b>213.00</b>	<b>416.59</b>	CC 120-V	<b>283.00</b>	<b>553.50</b>	CC 120-H	<b>1132.00</b>	<b>2214.00</b>
	140H-1	CC 140	<b>311.00</b>	<b>608.26</b>	CC 140-V	—	—	CC 140-H	—	—
12 B-3 16 B-2 28 B-1 32 B-1	160-1 80H-1 160H-1	CC 160	<b>408.00</b>	<b>797.98</b>	CC 160-V	<b>550.00</b>	<b>1075.71</b>	CC 160-H	<b>2281.00</b>	<b>4461.25</b>
20 B-2	60-3 100-2 180-1 100H-2 180H-1	CC 180	<b>505.00</b>	<b>987.69</b>	CC 180-V	<b>607.00</b>	<b>1187.19</b>	CC 180-H	<b>2507.00</b>	<b>4903.27</b>
40 B-1	80-3 120-2 200-1 200H-1	CC 200	<b>695.00</b>	<b>1359.30</b>	CC 200-V	<b>630.00</b>	<b>1232.17</b>	CC 200-H	<b>3300.00</b>	<b>6454.24</b>
16 B-3 20 B-3 24 B-2 28 B-2	100-3 140-2 160-2 240-1 80H-3 100H-3 120H-2 140H-2 240H-1	CC 240	<b>776.00</b>	<b>1517.72</b>	CC 240-V	<b>1116.00</b>	<b>2182.71</b>	CC 240-H	<b>4278.00</b>	<b>8367.04</b>
24 B-3 28 B-3 32 B-3 32 B-2 40 B-2	120-3 140-3 160-3 180-2 200-2 240-2 120H-3 140H-3 160H-2 160H-3 200H-2	CC 300	on request	on request	CC 300-V	on request	on request	CC 300-H	on request	on request

For the most difficult applications such as extreme contamination by dust or grit or with high power/high speed drives with irregular loads we recommend the use of Type V.

With ambient temperatures from 100 °C up to 240 °C we suggest the use of Type H.

Optichain-CC Chain Control solves tensioning problems in temperature conditions which other tensioning systems cannot cope with.

Please specify the type of chain being used when ordering CC 300 units. These items are made to order and 6 to 8 weeks should be allowed for delivery.



<b>optibelt-TN Bolt on hubs</b>														
Part No.	Material	Taper bush	D <sub>A</sub> (mm)	D <sub>T</sub> (mm)	D + 0/- 0,1 (mm)	D <sub>K</sub> (mm)	B (mm)	b (mm)	Z (mm)	B <sub>M</sub> (mm)	d (mm)	Weight without bush (= kg)	Euro/each without bush	DM/each without bush
SM 12	GG	1210	180	135	90	75	25	6.5	2.5	11.5	6 x 7.5	1.5	34.20	66.89
SM 16	GG	1615	200	150	110	85	38	7.5	2.5	12.5	6 x 7.5	3.0	39.80	77.84
SM 20	GG	2012	270	190	140	110	32	8.5	2.5	13.5	6 x 9.5		57.20	111.87
SM 25	GG	2517	340	240	170	125	45	9.5	2.5	14.5	8 x 11.5	7.6	89.30	174.66
SM 30-1	GG	3020	430	300	220	160	51	13.5	2.5	18.5	8 x 13.5	16.6	128.00	250.35
SM 30-2	GG	3020	485	340	250	160	51	13.5	2.5	18.5	8 x 13.5	20.5	202.00	395.08

<b>optibelt-TN Weld on hubs type WM</b>												
Part No.	Material	Taper bush	D <sub>A</sub> (mm)	D + 0/- 0,05 (mm)	D <sub>K</sub> (mm)	B + 0,5/- 0,05 (mm)	b <sub>1</sub> (mm)	b <sub>2</sub> (mm)	Weight without bush (= kg)	Euro/each without bush	DM/each without bush	
WM 1210	St	1210	70	60	58	25	9	10	0.3	25.60	50.07	
WM 1615	St	1615	83	70	68	38	16	11	0.6	31.60	61.80	
WM 2012	St	2012	95	90	88	32	12	12	0.7	33.20	64.93	
WM 2517	St	2517	127	110	108	44	19	13	1.8	41.30	80.78	
WM 3030	St	3030	152	130	125	76	25	19	3.5	73.80	144.34	
WM 3535	St	3535	184	155	151	89	32	25	10.0	132.00	258.17	
WM 4040	St	4040	225	195	187	102	32	32	13.2	189.00	369.65	
WM 4545	St	4545	254	220	213	115	38	38	20.1	293.00	573.06	
WM 5050	St	5050	276	242	228	127	38	38	25.4	454.00	887.95	

<b>optibelt-TN Weld on hubs type WH</b>												
Part No.	Material	Taper bush	D <sub>A</sub> (mm)	D + 0/- 0,05 (mm)	D <sub>K</sub> (mm)	B + 0,5/- 0,05 (mm)	b <sub>1</sub> (mm)	b <sub>2</sub> (mm)	Weight without bush (= kg)	Euro/each without bush	DM/each without bush	
WH 1210	St	1210	70	65	64.5	25	9	10	0.3	25.60	50.07	
WH 1610	St	1610	80	75	74.5	25	9	10		31.60	61.80	
WH 2012	St	2012	95	90	89.5	32	12	12		33.20	64.93	
WH 2517	St	2517	115	110	109.5	44	19	15		41.30	80.78	
WH 3020	St	3020	145	140	139.5	50	19	15	2.7	73.80	144.34	
WH 3525	St	3525	190	180	179.5	65	25	25		102.00	199.49	
WH 3535	St	3535	190	180	179.5	89	32	25	10.0	132.00	258.17	
WH 4040	St	4040	200	190	189.5	101	32	30		189.00	369.65	
WH 4545	St	4545	210	200	199.5	115	40	30		293.00	573.06	
WH 5050	St	5050	230	220	219.5	127	40	35		454.00	887.95	

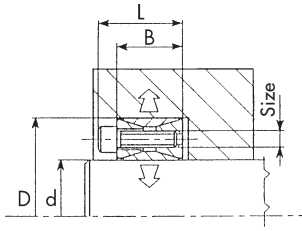
Taper bush	1210	1610	1615	2012	2517	3020	3030	3525	3535	4040	4545	5050
Bore d <sub>2</sub> (mm) from ... to ...	11-32	14-42	14-42	14-50	16-60	25-75	35-75	35-90	35-90	40-100	44-110	70-125
<b>Euro/each</b>	<b>8.60</b>	<b>10.30</b>	<b>10.70</b>	<b>12.60</b>	<b>15.80</b>	<b>20.60</b>	<b>26.90</b>	<b>54.70</b>	<b>51.90</b>	<b>72.90</b>	<b>92.80</b>	<b>149.00</b>
<b>DM/each</b>	<b>16.82</b>	<b>20.15</b>	<b>20.93</b>	<b>24.64</b>	<b>30.90</b>	<b>40.29</b>	<b>52.61</b>	<b>106.98</b>	<b>101.51</b>	<b>142.58</b>	<b>181.50</b>	<b>291.42</b>



Part No.	Material	Taper bush	D (mm)	B (mm)	Keyway dimensions	Minimum hub diameter			Weight without bush (= kg)	Euro/each without bush	DM/each without bush
						Material					
						GG	GGG	St			
1008 AM 1008 BM	St St	1008 1008	45 45	22 22	5 x 2,5	71 75	62 67	56 60	0,1 0,1	<b>20.90</b> <b>20.90</b>	<b>40.88</b> <b>40.88</b>
1210 AM 1210 BM	St St	1210 1210	60 60	25 25	6 x 3	86 92	79 86	73 83	0,2 0,2	<b>31.40</b> <b>32.80</b>	<b>61.41</b> <b>64.15</b>
1610 AM 1610 BM	St St	1610 1610	70 70	25 25	10 x 4	95 102	89 95	83 89	0,3 0,3	<b>37.70</b> <b>39.10</b>	<b>73.73</b> <b>76.47</b>
1615 AM 1615 BM	St St	1615 1615	70 70	38 38	10 x 4	95 102	89 95	83 89	0,4 0,4	<b>41.20</b> <b>42.60</b>	<b>80.58</b> <b>83.32</b>
2517 AM 2517 BM	St St	2517 2517	105 105	45 45	16 x 4	143 149	133 140	121 127	1,0 1,0	<b>55.10</b> <b>55.80</b>	<b>107.77</b> <b>109.14</b>
3030 AM 3030 BM	St St	3030 3030	130 130	76 76	20 x 5	178 187	165 175	156 159	2,5 2,5	<b>94.90</b> <b>97.00</b>	<b>185.61</b> <b>189.72</b>
3535 AM 3535 BM	St St	3535 3535	160 160	89 89	22 x 5	222 232	203 213	191 200	5,2 5,2	<b>155.00</b> <b>158.00</b>	<b>303.15</b> <b>309.02</b>
4040 AM 4040 BM	St St	4040 4040	185 185	102 102	24 x 5	273 283	248 257	229 238	8,0 8,0	<b>190.00</b> <b>193.00</b>	<b>371.61</b> <b>377.48</b>

St = Steel GG = Cast iron GGG = Speroital graphite iron AM = without keyway BM = with keyway

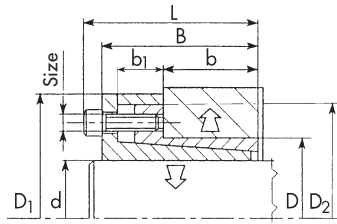
Taper bush	1008	1210	1610	1615	2517	3030	3535	4040
Bore d <sub>2</sub> (mm) from ... to ...	10-25	11-32	14-42	14-42	16-60	35-75	35-90	40-100
<b>Euro/each</b>	<b>5.70</b>	<b>8.60</b>	<b>10.30</b>	<b>10.70</b>	<b>15.80</b>	<b>26.90</b>	<b>51.90</b>	<b>72.90</b>
<b>DM/each</b>	<b>11.15</b>	<b>16.82</b>	<b>20.15</b>	<b>20.93</b>	<b>30.90</b>	<b>52.61</b>	<b>101.51</b>	<b>142.58</b>



Type CE01														
Part No.	Dimension				Screws			with tightening torque $M_s$ applied		Pressure		Weight	Euro/each	DM/each
	d	D	B	L	Size	No.	Tightening torque $M_s$	Torque	Axial force	Shaft	Hub			
								M	F	$P_w$	$P_N$			
								(mm)	(mm)	(mm)	(mm)	each		
CE01- 18	18	47	20	26	M6 x 18	8	16	250	28	240	92	0.210	25.40	49.68
CE01- 19	19	47	20	26	M6 x 18	8	16	260	28	225	92	0.210	25.40	49.68
CE01- 20	20	47	20	26	M6 x 18	8	16	280	28	215	92	0.210	25.40	49.68
CE01- 22	22	47	20	26	M6 x 18	8	16	310	28	195	92	0.200	25.40	49.68
CE01- 24	24	50	20	26	M6 x 18	8	16	330	28	180	87	0.222	26.50	51.83
CE01- 25	25	50	20	26	M6 x 18	8	16	350	28	175	87	0.220	26.50	51.83
CE01- 28	28	55	20	26	M6 x 18	12	16	580	42	230	118	0.266	27.70	54.18
CE01- 30	30	55	20	26	M6 x 18	12	16	630	42	215	118	0.254	27.70	54.18
CE01- 32	32	60	20	26	M6 x 18	12	16	670	42	200	110	0.302	30.50	59.65
CE01- 35	35	60	20	26	M6 x 18	12	16	730	42	185	110	0.282	30.50	59.65
CE01- 38	38	65	20	26	M6 x 18	15	16	990	52	215	125	0.328	32.90	64.35
CE01- 40	40	65	20	26	M6 x 18	15	16	1040	52	200	125	0.318	32.90	64.35
CE01- 42	42	75	24	32	M8 x 22	12	38	1600	76	240	140	0.560	37.60	73.54
CE01- 45	45	75	24	32	M8 x 22	12	38	1700	76	225	140	0.528	37.60	73.54
CE01- 48	48	80	24	32	M8 x 22	12	38	1800	76	210	120	0.590	40.20	78.62
CE01- 50	50	80	24	32	M8 x 22	12	38	1900	76	200	130	0.560	40.20	78.62
CE01- 55	55	85	24	32	M8 x 22	15	38	2600	95	230	150	0.622	40.20	78.62
CE01- 60	60	90	24	32	M8 x 22	15	38	2850	95	210	140	0.660	45.40	88.79
CE01- 65	65	95	24	32	M8 x 22	15	38	3100	95	195	130	0.798	47.30	92.51
CE01- 70	70	110	28	38	M10 x 25	15	75	5350	150	240	160	1.238	66.70	130.45
CE01- 75	75	115	28	38	M10 x 25	15	75	5730	150	225	150	1.294	69.20	135.34
CE01- 80	80	120	28	38	M10 x 25	15	75	6100	150	210	140	1.364	70.60	138.08
CE01- 85	85	125	28	38	M10 x 25	15	75	6500	150	200	140	1.428	83.50	163.31
CE01- 90	90	130	28	38	M10 x 25	15	75	6900	150	185	130	1.482	85.60	167.42
CE01- 95	95	135	28	38	M10 x 25	18	75	8700	180	210	150	1.568	89.50	175.05
CE01-100	100	145	30	42	M12 x 30	15	130	11200	220	230	160	2.154	106.00	207.32
CE01-110	110	155	30	42	M12 x 30	15	130	12300	220	205	150	2.306	110.00	215.14
CE01-120	120	165	30	42	M12 x 30	16	130	14300	240	200	150	2.486	114.00	222.96
CE01-130	130	180	38	50	M12 x 35	20	130	19400	300	180	130	3.586	164.00	320.76
CE01-140	140	190	38	50	M12 x 35	22	130	23000	330	180	140	3.810	176.00	344.23
CE01-150	150	200	38	50	M12 x 35	24	130	26900	360	185	140	4.084	194.00	379.43
CE01-160	160	210	38	50	M12 x 35	26	130	31000	390	190	150	4.360	216.00	422.46
CE01-170	170	225	44	58	M14 x 40	22	200	36300	430	175	140	5.700	247.00	483.09
CE01-180	180	235	44	58	M14 x 40	24	200	42000	470	180	140	6.000	277.00	541.76
CE01-190	190	250	52	66	M14 x 45	28	200	51800	550	165	130	8.000	374.00	731.48
CE01-200	200	260	52	66	M14 x 45	30	200	58300	590	165	130	8.200	405.00	792.11
CE01-220*	220	285	56	72	M16 x 50	26	300	74100	680	160	130	11.000	508.00	993.56
CE01-240*	240	305	56	72	M16 x 50	30	300	93200	780	170	140	12.300	564.00	1103.09
CE01-260*	260	325	56	72	M16 x 50	34	300	114500	890	180	150	13.000	792.00	1549.02
CE01-280*	280	355	66	84	M18 x 60	32	410	141000	1000	160	130	19.000	1001.00	1957.79
CE01-300*	300	375	66	84	M18 x 60	36	410	170000	1140	165	140	20.200	1151.00	2251.16
CE01-320*	320	405	78	98	M20 x 70	36	590	235500	1500	170	140	30.600		
CE01-340*	340	425	78	98	M20 x 70	36	590	250000	1500	160	130	30.800		
CE01-360*	360	455	90	112	M22 x 80	36	790	329000	1800	160	130	43.200		
CE01-380*	380	475	90	112	M22 x 80	36	790	346400	1800	150	120	45.000		
CE01-400*	400	495	90	112	M22 x 80	36	790	365000	1800	145	120	46.800		

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

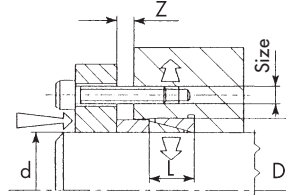




**Type CE02**

Part No.	Dimension								Screws			with tightening torque $M_s$ applied		Pressure		Weight (kg)	Euro/each	DM/each
	d	D	D <sub>1</sub>	D <sub>2</sub>	b	b <sub>1</sub>	B	L	Size	No.	Tightening torque $M_s$ (N <sub>m</sub> )	Torque	Axial force	Shaft	Hub			
												M	F	P <sub>w</sub>	P <sub>N</sub>			
												(N <sub>m</sub> )	(K <sub>N</sub> )	(N/mm <sup>2</sup> )	(N/mm <sup>2</sup> )			
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)		each	(N <sub>m</sub> )	(N <sub>m</sub> )	(K <sub>N</sub> )	(N/mm <sup>2</sup> )	(N/mm <sup>2</sup> )	(kg)			
CE02- 6*	6	14	25	23	9	9.5	21.5	24.5	M3 x 10	4	2	14	4.8	103	95	0.080	<b>34.70</b>	<b>67.87</b>
CE02- 8*	8	15	27	24	12	10.0	25.0	29.0	M4 x 10	3	5	28	7.0	104	101	0.100	<b>34.70</b>	<b>67.87</b>
CE02- 10*	10	16	29	26	14	8.5	26.0	30.0	M4 x 10	4	5	46	9.0	110	108	0.120	<b>34.70</b>	<b>67.87</b>
CE02- 12	12	18	32	28	14	8.5	26.0	30.0	M4 x 10	4	5	55	9.0	88	96	0.140	<b>34.70</b>	<b>67.87</b>
CE02- 14	14	23	38	33	14	8.5	26.0	30.0	M4 x 10	4	5	64	9.0	75	75	0.150	<b>34.70</b>	<b>67.87</b>
CE02- 15	15	24	45	40	16	12.5	36.0	42.0	M6 x 16	4	15	150	19.0	102	132	0.209	<b>34.70</b>	<b>67.87</b>
CE02- 16	16	24	45	40	16	12.5	36.0	42.0	M6 x 16	4	15	150	19.0	96	132	0.218	<b>34.70</b>	<b>67.87</b>
CE02- 18	18	26	47	43	18	13.0	38.0	44.0	M6 x 18	4	17	200	23.0	102	129	0.226	<b>34.70</b>	<b>67.87</b>
CE02- 19	19	27	49	44	18	13.0	38.0	44.0	M6 x 18	4	17	210	23.0	97	125	0.248	<b>34.70</b>	<b>67.87</b>
CE02- 20	20	28	49	44	18	13.0	38.0	44.0	M6 x 18	4	17	220	23.0	92	120	0.248	<b>35.80</b>	<b>70.02</b>
CE02- 22	22	32	54	49	25	13.0	45.0	51.0	M6 x 18	4	17	250	23.0	69	76	0.325	<b>36.80</b>	<b>71.97</b>
CE02- 24	24	34	56	51	25	13.0	45.0	51.0	M6 x 18	4	17	270	23.0	63	71	0.344	<b>36.80</b>	<b>71.97</b>
CE02- 25	25	34	56	51	25	13.0	45.0	51.0	M6 x 18	4	17	280	23.0	61	71	0.332	<b>39.40</b>	<b>77.06</b>
CE02- 28	28	39	61	56	25	13.0	45.0	51.0	M6 x 18	6	17	500	34.0	81	93	0.410	<b>39.40</b>	<b>77.06</b>
CE02- 30	30	41	62	57	25	13.0	45.0	51.0	M6 x 18	6	17	520	34.0	76	89	0.414	<b>39.40</b>	<b>77.06</b>
CE02- 32	32	43	65	59	30	13.0	50.0	56.0	M6 x 18	8	17	730	46.0	84	94	0.478	<b>47.10</b>	<b>92.12</b>
CE02- 35	35	47	69	64	30	13.0	50.0	56.0	M6 x 18	8	17	800	46.0	77	86	0.546	<b>47.10</b>	<b>92.12</b>
CE02- 38	38	50	72	67	30	13.0	50.0	56.0	M6 x 18	8	17	900	46.0	71	81	0.580	<b>51.00</b>	<b>99.75</b>
CE02- 40	40	53	75	70	30	13.0	50.0	56.0	M6 x 18	8	17	900	46.0	67	76	0.626	<b>51.00</b>	<b>99.75</b>
CE02- 42	42	55	78	73	40	17.0	65.0	73.0	M8 x 22	8	41	1800	84.0	89	101	0.880	<b>59.30</b>	<b>115.98</b>
CE02- 45	45	59	85	79	40	17.0	65.0	73.0	M8 x 22	8	41	1900	84.0	84	94	1.028	<b>63.40</b>	<b>124.00</b>
CE02- 48	48	62	87	82	45	17.0	70.0	78.0	M8 x 22	8	41	2000	84.0	72	79	0.980	<b>69.10</b>	<b>135.15</b>
CE02- 50	50	65	92	85	45	17.0	70.0	78.0	M8 x 22	10	41	2600	105.0	87	95	1.270	<b>73.10</b>	<b>142.97</b>
CE02- 55	55	71	98	92	50	17.0	75.0	83.0	M8 x 22	10	41	2900	105.0	73	78	1.480	<b>88.60</b>	<b>173.29</b>
CE02- 60	60	77	104	98	50	17.0	75.0	83.0	M8 x 22	10	41	3100	105.0	67	72	1.658	<b>99.10</b>	<b>193.82</b>
CE02- 65	65	84	111	105	50	17.0	75.0	83.0	M8 x 22	10	41	3400	105.0	62	66	1.922	<b>113.00</b>	<b>221.01</b>
CE02- 70	70	90	119	114	60	20.0	91.0	101.0	M10 x 25	10	83	5800	170.0	91	82	2.936	<b>144.00</b>	<b>281.64</b>
CE02- 75	75	95	126	120	60	20.0	91.0	101.0	M10 x 25	10	83	6200	170.0	70	77	2.290	<b>172.00</b>	<b>336.40</b>
CE02- 80	80	100	131	125	65	20.0	96.0	106.0	M10 x 25	12	83	7800	200.0	74	81	3.342	<b>186.00</b>	<b>363.78</b>
CE02- 85	85	106	137	131	65	20.0	96.0	106.0	M10 x 25	12	83	8500	200.0	70	77	3.622	<b>188.00</b>	<b>367.70</b>
CE02- 90	90	112	143	137	65	20.0	96.0	106.0	M10 x 25	15	83	11200	250.0	83	91	3.956	<b>202.00</b>	<b>395.08</b>
CE02- 95*	95	120	153	146	65	20.0	96.0	106.0	M10 x 25	15	83	11800	250.0	78	85	4.460	<b>223.00</b>	<b>436.15</b>
CE02-100*	100	125	162	155	65	24.0	102.0	114.0	M12 x 30	12	145	14600	300.0	82	95	6.000	<b>223.00</b>	<b>436.15</b>

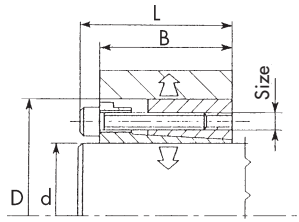




**Type CE03**

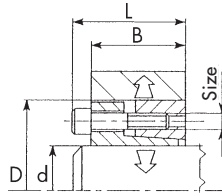
Part No.	Dimension							with tightening torque $M_s$ applied		Pressure		Total axial force on the tension screws	Weight	Euro/each	DM/each
	d	D	L	Z				Torque	Axial force	Shaft	Hub				
				1	2	3	4	M	F	$P_w$	$P_N$	$F_a$			
				(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Nm)	(kN)	(N/mm <sup>2</sup> )		
CE03- 6*	6	9	4.5	3	3	3	4	2	0.8	96	65	4	0.001	<b>5.80</b>	<b>11.34</b>
CE03- 8*	8	11	4.5	3	3	3	4	5	1.0	108	80	6	0.001	<b>5.80</b>	<b>11.34</b>
CE03- 10*	10	13	4.5	3	3	3	4	10	2.0	112	100	16	0.002	<b>5.80</b>	<b>11.34</b>
CE03- 12*	12	15	4.5	3	3	3	4	11	2.0	111	90	16	0.002	<b>5.80</b>	<b>11.34</b>
CE03- 14	14	18	6.3	3	4	4	5	22	3.0	112	90	26	0.004	<b>5.80</b>	<b>11.34</b>
CE03- 15	15	19	6.3	3	4	4	5	25	3.0	112	90	27	0.004	<b>5.80</b>	<b>11.34</b>
CE03- 16	16	20	6.3	3	4	4	5	26	3.0	112	90	27	0.005	<b>5.80</b>	<b>11.34</b>
CE03- 17	17	21	6.3	3	4	4	5	30	3.0	112	90	27	0.006	<b>5.80</b>	<b>11.34</b>
CE03- 18	18	22	6.3	3	4	4	5	33	3.0	112	90	33	0.006	<b>5.80</b>	<b>11.34</b>
CE03- 19	19	24	6.3	3	4	4	5	40	4.0	112	90	33	0.006	<b>5.80</b>	<b>11.34</b>
CE03- 20	20	25	6.3	3	4	4	5	44	4.0	112	90	33	0.008	<b>5.80</b>	<b>11.34</b>
CE03- 22	22	26	6.3	3	4	4	5	50	4.0	100	90	34	0.010	<b>5.80</b>	<b>11.34</b>
CE03- 24	24	28	6.3	3	4	4	5	68	6.0	114	100	34	0.006	<b>5.80</b>	<b>11.34</b>
CE03- 25	25	30	6.3	3	4	4	5	75	6.0	120	100	37	0.010	<b>5.80</b>	<b>11.34</b>
CE03- 28	28	32	6.3	3	4	4	5	90	6.0	111	100	40	0.008	<b>6.10</b>	<b>11.93</b>
CE03- 30	30	35	6.3	3	4	4	5	100	7.0	111	100	40	0.012	<b>6.10</b>	<b>11.93</b>
CE03- 32	32	36	6.3	3	4	4	5	120	7.0	111	100	40	0.010	<b>6.10</b>	<b>11.93</b>
CE03- 35	35	40	7.0	3	4	4	5	160	9.0	111	100	50	0.015	<b>6.10</b>	<b>11.93</b>
CE03- 38	38	44	7.0	4	5	5	6	190	10.0	111	100	60	0.020	<b>6.10</b>	<b>11.93</b>
CE03- 40	40	45	8.0	4	5	5	6	230	11.0	111	100	70	0.020	<b>6.10</b>	<b>11.93</b>
CE03- 42	42	48	8.0	4	5	5	6	260	12.0	111	100	70	0.025	<b>9.10</b>	<b>17.80</b>
CE03- 45	45	52	10.0	4	5	5	6	390	17.0	111	100	110	0.039	<b>9.10</b>	<b>17.80</b>
CE03- 48	48	55	10.0	4	5	5	6	430	18.0	111	100	110	0.042	<b>9.10</b>	<b>17.80</b>
CE03- 50	50	57	10.0	4	5	5	6	470	19.0	111	100	110	0.044	<b>9.10</b>	<b>17.80</b>
CE03- 55	55	62	10.0	4	5	5	6	580	21.0	111	100	120	0.048	<b>10.80</b>	<b>21.12</b>
CE03- 60	60	68	12.0	4	5	6	7	840	28.0	111	100	160	0.072	<b>10.80</b>	<b>21.12</b>
CE03- 65	65	73	12.0	4	5	6	7	1000	30.0	111	100	160	0.078	<b>12.40</b>	<b>24.25</b>
CE03- 70	70	79	14.0	4	5	6	7	1300	38.0	111	100	200	0.112	<b>15.20</b>	<b>29.73</b>
CE03- 75	75	84	14.0	4	5	6	7	1500	41.0	111	100	220	0.120	<b>17.80</b>	<b>34.81</b>
CE03- 80	80	91	17.0	5	6	7	8	2100	54.0	111	100	300	0.190	<b>20.60</b>	<b>40.29</b>
CE03- 85*	85	96	17.0	5	6	7	8	2300	56.0	111	100	310	0.200	<b>27.50</b>	<b>53.79</b>
CE03- 90	90	101	17.0	5	6	7	8	2700	61.0	111	100	320	0.212	<b>27.50</b>	<b>53.79</b>
CE03- 95*	95	106	17.0	5	6	7	8	3500	73.0	111	100	380	0.230	<b>32.90</b>	<b>64.35</b>
CE03-100	100	114	21.0	5	6	8	9	4200	84.0	111	100	440	0.376	<b>32.90</b>	<b>64.35</b>
CE03-110*	110	124	21.0	5	6	8	9	4300	86.0	111	90	450	0.410	<b>35.30</b>	<b>69.04</b>
CE03-120*	120	134	21.0	5	6	8	9	5100	88.0	111	90	460	0.450	<b>38.90</b>	<b>76.08</b>
CE03-130*	130	148	28.0	6	7	9	11	8100	125.0	111	90	650	0.828	<b>52.40</b>	<b>102.49</b>
CE03-140*	140	158	28.0	6	7	9	11	9400	135.0	111	90	690	0.898	<b>60.80</b>	<b>118.91</b>
CE03-150*	150	168	28.0	6	7	9	11	11000	145.0	111	90	720	0.973	<b>64.50</b>	<b>126.15</b>

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



**Type CE04**

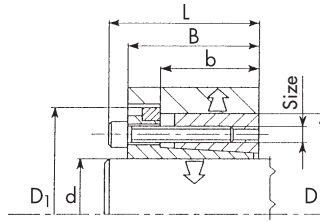
Part No.	Dimension				Screws			with tightening torque $M_s$ applied		Pressure		Weight	Euro/each	DM/each
								Torque	Axial force	Shaft	Hub			
	d	D	B	L	Size	No.	Tightening torque $M_s$	M	F	$P_w$	$P_N$			
	(mm)	(mm)	(mm)	(mm)		each	(N <sub>m</sub> )	(N <sub>m</sub> )	(K <sub>N</sub> )	(N/ mm <sup>2</sup> )	(N/ mm <sup>2</sup> )			
CE04- 20	20	47	42	48	M6 x 25	6	17	530	52	190	110	0.384	27.60	53.98
CE04- 22	22	47	42	48	M6 x 25	6	17	580	52	170	110	0.366	27.60	53.98
CE04- 24	24	50	42	48	M6 x 25	6	17	630	52	160	100	0.410	30.40	59.46
CE04- 25	25	50	42	48	M6 x 25	6	17	660	52	150	100	0.402	30.40	59.46
CE04- 28	28	55	42	48	M6 x 25	6	17	740	52	130	100	0.482	30.40	59.46
CE04- 30	30	55	42	48	M6 x 25	6	17	790	52	130	100	0.458	30.40	59.46
CE04- 32	32	60	42	48	M6 x 25	8	17	1180	70	160	120	0.520	32.20	62.98
CE04- 35	35	60	42	48	M6 x 25	8	17	1230	70	140	120	0.510	32.20	62.98
CE04- 38	38	65	42	48	M6 x 25	8	17	1300	70	130	110	0.600	33.20	64.93
CE04- 40	40	65	42	48	M6 x 25	8	17	1400	70	125	110	0.568	33.20	64.93
CE04- 42	42	75	50	58	M8 x 30	6	41	2000	100	130	120	1.020	41.00	80.19
CE04- 45	45	75	50	58	M8 x 30	6	41	2200	100	125	120	0.934	41.00	80.19
CE04- 48	48	80	50	58	M8 x 30	8	41	3200	130	155	150	1.050	42.60	83.32
CE04- 50	50	80	50	58	M8 x 30	8	41	3300	130	150	150	1.008	42.60	83.32
CE04- 55	55	85	50	58	M8 x 30	8	41	3600	130	135	140	1.124	47.50	92.90
CE04- 60	60	90	50	58	M8 x 30	8	41	3900	130	125	130	1.210	50.50	98.77
CE04- 65	65	95	50	58	M8 x 30	8	41	4200	130	115	120	1.234	87.40	170.94
CE04- 70	70	110	60	70	M10 x 30	8	83	7500	210	150	130	2.306	95.20	186.20
CE04- 75*	75	115	60	70	M10 x 30	8	83	8000	210	140	130	2.466	98.10	191.87
CE04- 80	80	120	60	70	M10 x 30	8	83	8500	210	130	120	2.588	99.50	194.61
CE04- 85*	85	125	60	70	M10 x 30	10	83	11400	270	155	150	2.700	111.00	217.10
CE04- 90	90	130	60	70	M10 x 30	10	83	12000	270	145	140	2.832	114.00	222.96
CE04-100	100	145	68	80	M12 x 35	8	145	15000	300	130	120	3.936	147.00	287.51
CE04-110*	110	155	68	80	M12 x 35	8	145	16500	300	120	110	4.300	218.00	426.37
CE04-120*	120	165	68	80	M12 x 35	10	145	22500	370	135	130	4.600	241.00	471.36
CE04-130*	130	180	68	80	M12 x 35	12	145	29300	450	150	140	5.500	271.00	530.03
CE04-140*	140	190	76	90	M14 x 40	10	210	32200	460	130	125	6.700	273.00	533.64
CE04-150*	150	200	76	90	M14 x 40	12	210	41400	550	145	140	7.000	276.00	539.81
CE04-160*	160	210	76	90	M14 x 40	12	210	44100	550	135	130	7.500	284.00	555.46
CE04-170*	170	225	76	90	M14 x 40	14	210	54700	640	150	150	8.700	345.00	674.76
CE04-180*	180	235	76	90	M14 x 40	14	210	57900	640	140	140	9.200	362.00	708.01



**Type CE05**

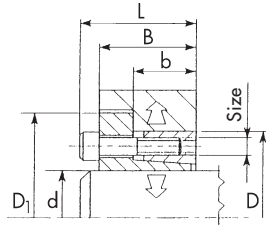
Part No.	Dimension				Screws			with tightening torque $M_s$ applied		Pressure		Weight	Euro/each	DM/each
								Torque	Axial force	Shaft	Hub			
	d	D	B	L	Size	No.	Tightening torque $M_s$	M	F	$P_w$	$P_N$			
	(mm)	(mm)	(mm)	(mm)		each	(N <sub>m</sub> )	(N <sub>m</sub> )	(K <sub>N</sub> )	(N/mm <sup>2</sup> )	(N/mm <sup>2</sup> )			
CE05- 20	20	47	28	34	M6 x 20	6	14	410	41	218	137	0.260	<b>23.70</b>	<b>46.35</b>
CE05- 22	22	47	28	34	M6 x 20	6	14	450	41	198	137	0.250	<b>23.70</b>	<b>46.35</b>
CE05- 24*	24	50	28	34	M6 x 20	6	14	490	41	182	128	0.276	<b>26.10</b>	<b>51.05</b>
CE05- 25	25	50	28	34	M6 x 20	6	14	510	41	175	128	0.268	<b>26.10</b>	<b>51.05</b>
CE05- 28*	28	55	28	34	M6 x 20	6	14	570	41	156	117	0.322	<b>26.10</b>	<b>51.05</b>
CE05- 30	30	55	28	34	M6 x 20	6	14	610	41	145	117	0.304	<b>27.20</b>	<b>53.20</b>
CE05- 32*	32	60	28	34	M6 x 20	8	14	880	54	182	143	0.370	<b>30.20</b>	<b>59.07</b>
CE05- 35	35	60	28	34	M6 x 20	8	14	960	54	166	143	0.344	<b>30.20</b>	<b>59.07</b>
CE05- 38*	38	65	28	34	M6 x 20	8	14	1040	54	153	132	0.408	<b>31.90</b>	<b>62.39</b>
CE05- 40	40	65	28	34	M6 x 20	8	14	1090	54	145	132	0.378	<b>31.90</b>	<b>62.39</b>
CE05- 42*	42	75	33	41	M8 x 25	8	35	2200	105	201	186	0.630	<b>36.90</b>	<b>72.17</b>
CE05- 45	45	75	33	41	M8 x 25	8	35	2360	105	207	186	0.630	<b>36.90</b>	<b>72.17</b>
CE05- 48*	48	80	33	41	M8 x 25	8	35	2520	105	194	174	0.680	<b>39.30</b>	<b>76.86</b>
CE05- 50	50	80	33	41	M8 x 25	8	35	2620	105	186	174	0.686	<b>39.30</b>	<b>76.86</b>
CE05- 55*	55	85	33	41	M8 x 25	8	35	2890	105	169	164	0.720	<b>45.90</b>	<b>89.77</b>
CE05- 60	60	90	33	41	M8 x 25	8	35	3150	105	155	155	0.794	<b>45.90</b>	<b>89.77</b>
CE05- 65*	65	95	33	41	M8 x 25	8	35	3410	105	143	174	0.842	<b>57.60</b>	<b>112.66</b>
CE05- 70*	70	110	40	50	M10 x 30	8	70	5990	170	180	172	1.534	<b>88.40</b>	<b>172.90</b>
CE05- 75*	75	115	40	50	M10 x 30	8	70	6420	170	168	165	1.634	<b>97.10</b>	<b>189.91</b>
CE05- 80*	80	120	40	50	M10 x 30	8	70	6850	170	158	158	1.722	<b>97.10</b>	<b>189.91</b>
CE05- 85*	95	125	40	50	M10 x 30	10	70	9090	210	186	189	1.834	<b>108.00</b>	<b>211.23</b>
CE05- 90*	90	130	40	50	M10 x 30	10	70	9630	210	175	182	1.900	<b>112.00</b>	<b>219.05</b>
CE05-100*	100	145	44	56	M12 x 30	8	115	11900	240	158	168	2.618	<b>143.00</b>	<b>279.68</b>
CE05-110*	110	155	44	56	M12 x 30	8	115	13090	240	144	157	2.788	<b>151.00</b>	<b>295.33</b>
CE05-120*	120	165	44	56	M12 x 30	9	115	16060	270	148	166	3.600	<b>153.00</b>	<b>299.24</b>
CE05-130*	130	180	52	64	M12 x 30	12	115	23200	360	152	155	4.410	<b>209.00</b>	<b>408.77</b>
CE05-140*	140	190	54	68	M14 x 40	9	185	25500	360	138	150	4.920	<b>218.00</b>	<b>426.37</b>
CE05-150*	150	200	54	68	M14 x 40	10	185	30300	400	143	158	5.200	<b>256.00</b>	<b>500.69</b>
CE05-160*	160	210	54	68	M14 x 40	12	185	38800	490	161	181	5.600	<b>266.00</b>	<b>520.25</b>
CE05-180*	180	235	64	78	M14 x 40	12	185	43700	490	119	125	8.500	<b>333.00</b>	<b>651.29</b>
CE05-200*	200	260	64	78	M14 x 40	15	185	60700	610	134	141	9.600	<b>433.00</b>	<b>846.87</b>

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



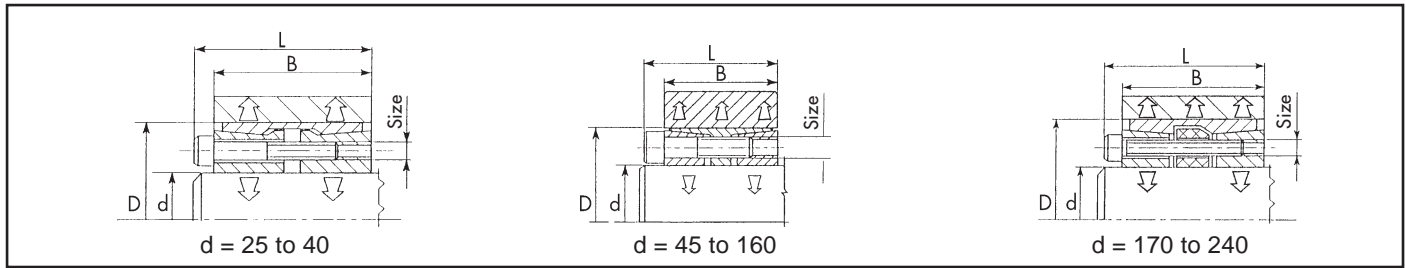
**Type CE06**

Part No.	Dimension						Screws			with tightening torque $M_s$ applied		Pressure		Weight	Euro/each	DM/each
										Torque	Axial force	Shaft	Hub			
	d	D	D <sub>1</sub>	b	B	L	Size	No.	Tightening torque $M_s$	M	F	P <sub>w</sub>	P <sub>N</sub>			
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)		each	(N <sub>m</sub> )	(N <sub>m</sub> )	(K <sub>N</sub> )	(N/mm <sup>2</sup> )	(N/mm <sup>2</sup> )			
CE06- 20	20	47	53	31.0	42	48	M6 x 25	6	17	320	33	116	70	0.416	<b>30.70</b>	<b>60.04</b>
CE06- 22	22	47	53	31.0	42	48	M6 x 25	6	17	360	33	105	70	0.398	<b>30.70</b>	<b>60.04</b>
CE06- 24	24	50	56	31.0	42	48	M6 x 25	6	17	390	33	97	70	0.442	<b>33.70</b>	<b>65.91</b>
CE06- 25	25	50	56	31.0	42	48	M6 x 25	6	17	400	33	93	70	0.434	<b>33.70</b>	<b>65.91</b>
CE06- 28	28	55	61	31.0	42	48	M6 x 25	6	17	450	33	83	60	0.516	<b>33.70</b>	<b>65.91</b>
CE06- 30	30	55	61	31.0	42	48	M6 x 25	6	17	490	33	77	60	0.492	<b>33.70</b>	<b>65.91</b>
CE06- 32	32	60	66	31.0	42	48	M6 x 25	8	17	690	43	97	70	0.560	<b>36.50</b>	<b>71.39</b>
CE06- 35	35	60	66	31.0	42	48	M6 x 25	8	17	750	43	88	70	0.548	<b>36.50</b>	<b>71.39</b>
CE06- 38	38	65	71	31.0	42	48	M6 x 25	8	17	820	43	81	70	0.650	<b>37.60</b>	<b>73.54</b>
CE06- 40	40	65	71	31.0	42	48	M6 x 25	8	17	860	43	77	70	0.608	<b>37.60</b>	<b>73.54</b>
CE06- 42	42	75	81	36.0	50	58	M8 x 30	6	41	1250	60	82	70	1.090	<b>45.30</b>	<b>88.60</b>
CE06- 45	45	75	81	36.0	50	58	M8 x 30	6	41	1340	60	77	70	1.004	<b>45.30</b>	<b>88.60</b>
CE06- 48	48	80	86	36.0	50	58	M8 x 30	8	41	1910	80	96	90	1.100	<b>47.00</b>	<b>91.92</b>
CE06- 50	50	80	86	36.0	50	58	M8 x 30	8	41	1990	80	92	90	1.074	<b>47.00</b>	<b>91.92</b>
CE06- 55	55	85	91	36.0	50	58	M8 x 30	8	41	2200	80	84	90	1.204	<b>52.80</b>	<b>103.27</b>
CE06- 60	60	90	96	36.0	50	58	M8 x 30	8	41	2400	80	77	80	1.292	<b>58.40</b>	<b>114.22</b>
CE06- 65	65	95	101	36.0	50	58	M8 x 30	8	41	2600	80	71	70	1.308	<b>95.80</b>	<b>187.37</b>
CE06- 70	70	110	119	46.0	60	70	M10 x 30	8	83	4600	130	92	80	2.440	<b>103.00</b>	<b>201.45</b>
CE06- 75*	75	115	124	46.0	60	70	M10 x 30	8	83	4930	130	86	80	2.596	<b>107.00</b>	<b>209.27</b>
CE06- 80	80	120	129	46.0	60	70	M10 x 30	8	83	5200	130	81	70	2.730	<b>108.00</b>	<b>211.23</b>
CE06- 85*	85	125	134	46.0	60	70	M10 x 30	10	83	7000	165	95	90	2.800	<b>120.00</b>	<b>234.70</b>
CE06- 90	90	130	139	46.0	60	70	M10 x 30	10	83	7400	165	90	80	2.986	<b>123.00</b>	<b>240.57</b>
CE06-100	100	145	155	52.0	68	80	M12 x 35	8	145	9700	190	84	80	4.136	<b>160.00</b>	<b>312.93</b>
CE06-110*	110	155	165	52.0	68	80	M12 x 35	8	145	10680	190	77	70	4.500	<b>235.00</b>	<b>459.62</b>
CE06-120*	120	165	175	52.0	68	80	M12 x 35	10	145	14500	240	88	90	4.800	<b>265.00</b>	<b>518.29</b>
CE06-130*	130	180	188	52.0	68	80	M12 x 35	12	145	18900	290	97	100	5.800	<b>298.00</b>	<b>582.84</b>
CE06-140*	140	190	199	58.5	76	90	M14 x 40	10	230	22800	325	91	90	7.000	<b>300.00</b>	<b>586.75</b>
CE06-150*	150	200	209	58.5	76	90	M14 x 40	12	230	29300	390	102	100	7.300	<b>307.00</b>	<b>600.44</b>
CE06-160*	160	210	219	58.5	76	90	M14 x 40	12	230	31300	390	95	100	7.800	<b>322.00</b>	<b>629.78</b>
CE06-170*	170	225	234	58.5	76	90	M14 x 40	14	230	38800	460	105	110	9.600	<b>384.00</b>	<b>751.04</b>
CE06-180*	180	235	244	58.5	76	90	M14 x 40	14	230	41000	460	99	100	9.000	<b>389.00</b>	<b>760.82</b>



Type CE07																
Part No.	Dimension						Screws			with tightening torque $M_s$ applied		Pressure		Weight		
										Torque	Axial force	Shaft	Hub			
	d	D	D <sub>1</sub>	b	B	L	Size	No.	Tightening torque $M_s$	M	F	P <sub>w</sub>	P <sub>N</sub>			
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)		each	(N <sub>m</sub> )	(N <sub>m</sub> )	(K <sub>N</sub> )	(N/mm <sup>2</sup> )	(N/mm <sup>2</sup> )			
CE07- 20	20	47	56	22	28	34	M6 x 20	6	17	320	32	171	100	0.280	23.70	46.35
CE07- 22	22	47	56	22	28	34	M6 x 20	6	17	350	32	156	100	0.270	23.70	46.35
CE07- 24	24	50	59	22	28	34	M6 x 20	6	17	390	32	143	100	0.310	26.10	51.05
CE07- 25	25	50	59	22	28	34	M6 x 20	6	17	400	32	137	100	0.304	26.10	51.05
CE07- 28	28	55	64	22	28	34	M6 x 20	6	17	450	32	122	90	0.362	26.10	51.05
CE07- 30	30	55	64	22	28	34	M6 x 20	6	17	490	32	114	90	0.346	27.20	53.20
CE07- 32	32	60	69	22	28	34	M6 x 20	8	17	700	43	143	110	0.420	30.20	59.07
CE07- 35	35	60	69	22	28	34	M6 x 20	8	17	760	43	131	110	0.390	30.20	59.07
CE07- 38	38	65	74	22	28	34	M6 x 20	8	17	820	43	120	100	0.454	31.90	62.39
CE07- 40	40	65	74	22	28	34	M6 x 20	8	17	870	43	114	100	0.446	31.90	62.39
CE07- 42	42	75	84	25	33	41	M8 x 25	6	41	1700	80	168	140	0.440	36.90	72.17
CE07- 45	45	75	84	25	33	41	M8 x 25	6	41	1800	80	157	140	0.696	36.90	72.17
CE07- 48	48	80	89	25	33	41	M8 x 25	8	41	1900	80	147	130	0.800	39.30	76.86
CE07- 50	50	80	89	25	33	41	M8 x 25	8	41	2000	80	141	130	0.756	39.30	76.86
CE07- 55	55	85	91	25	33	41	M8 x 25	8	41	2200	80	128	120	0.850	45.90	89.77
CE07- 60	60	90	99	25	33	41	M8 x 25	8	41	2400	80	117	120	0.900	45.90	89.77
CE07- 65	65	95	104	25	33	41	M8 x 25	8	41	2600	80	108	110	0.934	57.60	112.66
CE07- 70	70	110	119	30	40	50	M10 x 30	8	83	4600	130	138	130	1.670	88.40	172.90
CE07- 75	75	115	124	30	40	50	M10 x 30	8	83	5000	130	129	130	1.760	97.10	189.91
CE07- 80	80	120	129	30	40	50	M10 x 30	8	83	5300	130	121	120	1.868	97.10	189.91
CE07- 85	85	125	134	30	40	50	M10 x 30	10	83	7000	160	142	150	1.966	108.00	211.23
CE07- 90	90	130	139	30	40	50	M10 x 30	10	83	7400	160	135	140	2.046	112.00	219.05
CE07-100	100	145	154	32	44	56	M12 x 30	8	145	9700	200	129	140	2.830	143.00	279.68
CE07-110	110	155	164	32	44	56	M12 x 30	8	145	10700	200	117	130	3.100	151.00	295.33
CE07-120	120	165	174	32	44	56	M12 x 30	9	145	13100	220	121	140	3.284	153.00	299.24
CE07-130	130	180	189	40	52	64	M12 x 30	12	145	19000	290	124	130	4.600	209.00	408.77
CE07-140*	140	190	199	40	54	68	M14 x 40	9	230	20500	300	111	120	4.980	218.00	426.37
CE07-150*	150	200	209	40	54	68	M14 x 40	10	230	24500	330	115	130	5.200	256.00	500.69
CE07-160*	160	210	219	40	54	68	M14 x 40	12	230	31300	390	130	150	5.600	266.00	520.25
CE07-180*	180	235	244	50	64	78	M14 x 40	12	230	35000	390	96	100	8.500	333.00	651.29
CE07-200*	200	260	269	50	64	78	M14 x 40	15	230	49000	500	108	110	9.600	433.00	846.87

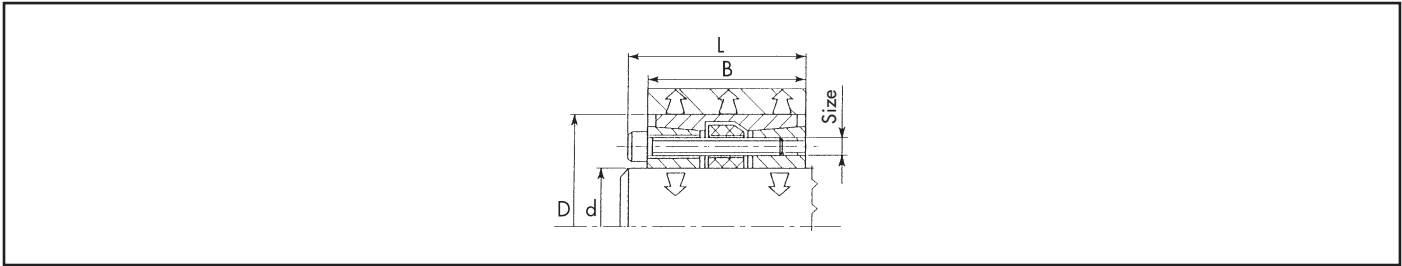
\* Non stock items We reserve the right to make technical changes



**Type CE08**

Part No.	Dimension				Screws			with tightening torque $M_s$ applied		Pressure		Weight	Euro/each	DM/each
								Torque	Axial force	Shaft	Hub			
	d	D	B	L	Size	No.	Tightening torque $M_s$	M	F	$P_w$	$P_N$			
	(mm)	(mm)	(mm)	(mm)		each	(N <sub>m</sub> )	(N <sub>m</sub> )	(K <sub>N</sub> )	(N/ mm <sup>2</sup> )	(N/ mm <sup>2</sup> )			
CE08- 25*	25	50	45	51	M6 x 35	6	17	700	55	157	80	0.415	<b>63.20</b>	<b>123.61</b>
CE08- 30*	30	55	45	51	M6 x 35	8	17	1200	70	175	90	0.464	<b>65.70</b>	<b>128.50</b>
CE08- 35*	35	60	45	51	M6 x 35	8	17	1400	70	150	90	0.526	<b>72.90</b>	<b>142.58</b>
CE08- 40*	40	65	45	51	M6 x 35	10	17	2000	90	164	100	0.550	<b>87.80</b>	<b>171.72</b>
CE08- 45	45	75	45	53	M8 x 35	8	41	3200	140	216	130	0.768	<b>102.00</b>	<b>199.49</b>
CE08- 50	50	80	64	72	M8 x 55	8	41	3600	140	165	80	1.326	<b>117.00</b>	<b>228.83</b>
CE08- 55*	55	85	64	72	M8 x 55	8	41	4000	140	150	80	1.430	<b>128.00</b>	<b>250.35</b>
CE08- 60	60	90	64	72	M8 x 55	10	41	5400	170	171	90	1.524	<b>131.00</b>	<b>256.21</b>
CE08- 65*	65	95	64	72	M8 x 55	10	41	5800	170	158	90	2.000	<b>161.00</b>	<b>314.89</b>
CE08- 70	70	110	78	88	M10 x 60	10	83	10300	280	199	100	2.932	<b>189.00</b>	<b>369.65</b>
CE08- 75*	75	115	78	88	M10 x 60	10	83	11000	280	186	100	3.100	<b>210.00</b>	<b>410.72</b>
CE08- 80	80	120	78	88	M10 x 60	12	83	14000	340	209	110	3.300	<b>217.00</b>	<b>424.42</b>
CE08- 85*	85	125	78	88	M10 x 60	12	83	15000	340	197	110	3.400	<b>230.00</b>	<b>449.84</b>
CE08- 90	90	130	78	88	M10 x 60	12	83	16000	340	186	100	3.600	<b>234.00</b>	<b>457.66</b>
CE08- 95*	95	135	78	88	M10 x 60	12	83	17000	340	176	100	4.000	<b>286.00</b>	<b>559.37</b>
CE08-100	100	145	100	112	M12 x 80	12	145	26000	500	198	100	6.000	<b>304.00</b>	<b>594.57</b>
CE08-110*	110	155	100	112	M12 x 80	12	145	29000	500	180	100	6.000	<b>343.00</b>	<b>670.85</b>
CE08-120*	120	165	100	112	M12 x 80	14	145	36400	600	192	110	6.000	<b>369.00</b>	<b>721.70</b>
CE08-130*	130	180	116	130	M14 x 90	12	230	45400	700	174	100	10.100	<b>509.00</b>	<b>995.52</b>
CE08-140*	140	190	116	130	M14 x 90	14	230	57000	800	189	110	10.500	<b>626.00</b>	<b>1224.35</b>
CE08-150*	150	200	116	130	M14 x 90	16	230	70000	900	201	120	11.000	<b>665.00</b>	<b>1300.63</b>
CE08-160*	160	210	116	130	M14 x 90	16	230	75000	900	189	110	12.000	<b>704.00</b>	<b>1376.90</b>
CE08-170*	170	225	146	162	M16 x 110	14	355	95000	1100	168	100	17.000	<b>808.00</b>	<b>1580.31</b>
CE08-180*	180	235	146	162	M16 x 110	15	355	115000	1200	182	110	18.400	<b>860.00</b>	<b>1682.01</b>
CE08-190*	190	250	146	162	M16 x 110	16	355	121500	1200	172	100	21.400	<b>1003.00</b>	<b>1961.70</b>
CE08-200*	200	260	146	162	M16 x 110	16	355	128000	1200	163	100	21.800	<b>1069.00</b>	<b>2090.78</b>

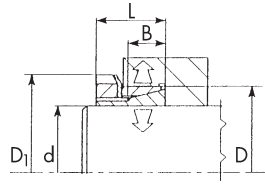




**Type CE09**

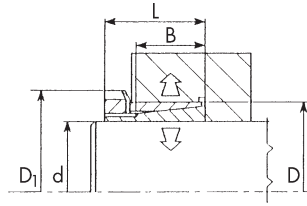
Part No.	Dimension				Screws			with tightening torque $M_s$ applied		Pressure		Weight		
								Torque	Axial force	Shaft	Hub			
	d	D	B	L	Size	No.	Tightening torque $M_s$	M	F	$P_w$	$P_N$			
	(mm)	(mm)	(mm)	(mm)		each	(N <sub>m</sub> )	(N <sub>m</sub> )	(K <sub>N</sub> )	(N/mm <sup>2</sup> )	(N/mm <sup>2</sup> )			
CE09- 45*	45	75	64	72	M8 x 55	8	41	3200	120	210	125	1.000	<b>153.00</b>	<b>299.24</b>
CE09- 50*	50	80	78	86	M8 x 65	8	41	3550	120	140	65	1.500	<b>166.00</b>	<b>324.67</b>
CE09- 60	60	90	78	86	M8 x 65	10	41	5330	150	146	75	2.000	<b>188.00</b>	<b>367.70</b>
CE09- 70	70	110	102	112	M10 x 90	10	83	10260	250	147	75	4.000	<b>283.00</b>	<b>553.50</b>
CE09- 80*	80	120	102	112	M10 x 90	12	83	14000	300	154	85	5.000	<b>319.00</b>	<b>623.91</b>
CE09- 90*	90	130	102	112	M10 x 90	12	83	15800	300	137	75	6.000	<b>331.00</b>	<b>647.38</b>
CE09-100*	100	145	122	134	M12 x 110	12	145	26000	450	149	85	7.000	<b>430.00</b>	<b>841.01</b>

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



**Type CE10**

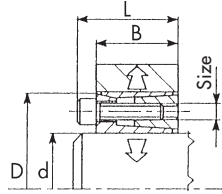
Part No.	Dimension					Screws			with tightening torque $M_s$ applied		Pressure		Weight		
									Torque	Axial force	Shaft	Hub			
	d	D	$D_1$	B	L	Size	No.	Tightening torque $M_s$	M	F	$P_w$	$P_N$			
	(mm)	(mm)	(mm)	(mm)	(mm)		each	(N <sub>m</sub> )	(N <sub>m</sub> )	(K <sub>N</sub> )	(N/mm <sup>2</sup> )	(N/mm <sup>2</sup> )			
CE10-14	14	25	32	6.5	16.5	M20 x 1.5	1	65	37	6	171	73	0.052	13.40	26.21
CE10-15	15	25	32	6.5	16.5	M20 x 1.5	1	65	40	6	159	73	0.050	13.40	26.21
CE10-16	16	25	32	6.5	16.5	M20 x 1.5	1	65	42	6	149	73	0.048	14.80	28.95
CE10-18	18	30	38	7.0	17.0	M25 x 1.5	1	85	65	8	168	80	0.080	14.80	28.95
CE10-19	19	30	38	7.0	17.0	M25 x 1.5	1	95	60	7	136	70	0.078	16.00	31.29
CE10-20	20	30	38	7.0	17.0	M25 x 1.5	1	110	70	8	149	80	0.074	16.00	31.29
CE10-24	24	35	45	7.0	17.0	M30 x 1.5	1	155	100	10	147	80	0.100	16.80	32.86
CE10-25	25	35	45	7.0	17.0	M30 x 1.5	1	160	110	10	146	90	0.092	16.80	32.86
CE10-28	28	40	52	8.0	20.0	M35 x 1.5	1	200	140	11	126	70	0.140	18.30	35.79
CE10-30	30	40	52	8.0	20.0	M35 x 1.5	1	240	170	14	138	80	0.130	20.00	39.12
CE10-32	32	45	58	9.0	22.0	M40 x 1.5	1	320	210	15	135	80	0.170	20.30	39.70
CE10-35	35	45	58	9.0	22.0	M40 x 1.5	1	320	230	15	123	80	0.168	20.30	39.70
CE10-40	40	50	64	9.0	23.0	M45 x 1.5	1	440	330	19	132	90	0.216	20.30	39.70
CE10-45	45	55	70	10.0	25.5	M50 x 1.5	1	550	440	23	127	90	0.266	21.70	42.44
CE10-50*	50	60	75	10.0	25.5	M55 x 1.5	1	660	530	25	125	90	0.278	27.00	52.81
CE10-60*	60	70	85	12.0	29.5	M65 x 1.5	1	900	830	32	112	80	0.390	27.00	52.81



**Type CE11**

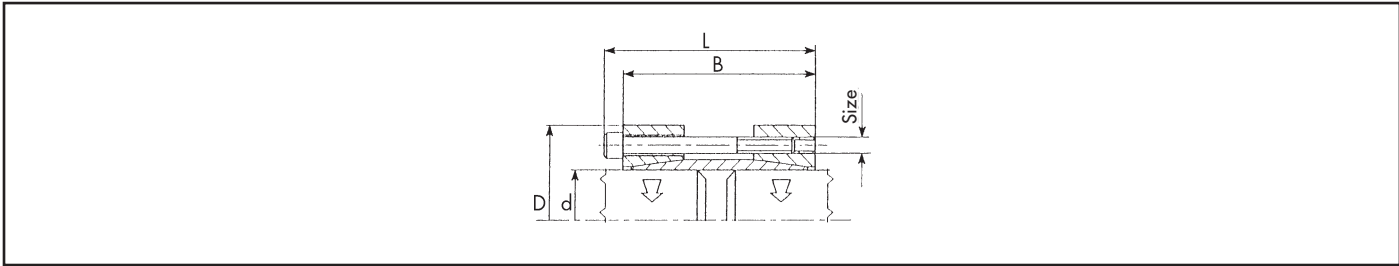
Part No.	Dimension					Screws			with tightening torque $M_s$ applied		Pressure		Weight	Euro/each	DM/each
									Torque	Axial force	Shaft	Hub			
	d	D	D <sub>1</sub>	B	L	Size	No.	Tightening torque $M_s$	M	F	P <sub>w</sub>	P <sub>N</sub>			
	(mm)	(mm)	(mm)	(mm)	(mm)		each	(N <sub>m</sub> )	(N <sub>m</sub> )	(K <sub>N</sub> )	(N/mm <sup>2</sup> )	(N/mm <sup>2</sup> )			
CE11-14	14	25	32	17	29	M20 x 1.5	1	90	90	15	145	80	0.080	20.20	39.51
CE11-15	15	25	32	17	29	M20 x 1.5	1	90	100	15	136	80	0.074	20.20	39.51
CE11-16	16	25	32	17	29	M20 x 1.5	1	70	80	12	99	60	0.072	20.20	39.51
CE11-18	18	30	38	18	31	M25 x 1.5	1	190	200	25	179	110	0.120	21.30	41.66
CE11-19	19	30	38	18	31	M25 x 1.5	1	150	170	20	134	90	0.114	21.30	41.66
CE11-20	20	30	38	18	31	M25 x 1.5	1	110	130	15	93	60	0.104	21.30	41.66
CE11-24	24	35	45	22	35	M30 x 1.5	1	230	270	26	112	80	0.162	23.10	45.18
CE11-25	25	35	45	22	35	M30 x 1.5	1	170	200	19	80	60	0.150	23.10	45.18
CE11-28	28	40	52	22	35	M35 x 1.5	1	390	460	38	141	110	0.214	23.10	45.18
CE11-30	30	40	52	22	35	M35 x 1.5	1	240	300	24	63	70	0.192	23.10	45.18
CE11-32	32	45	58	27	42	M40 x 1.5	1	320	420	31	80	70	0.280	27.00	52.81
CE11-35	35	45	58	28	42	M40 x 1.5	1	320	460	31	70	60	0.270	27.00	52.81
CE11-40	40	50	64	28	44	M45 x 1.5	1	440	640	37	75	70	0.330	27.00	52.81
CE11-45	45	55	70	28	45	M50 x 1.5	1	550	760	40	71	60	0.386	33.30	65.13
CE11-50	50	60	75	28	46	M50 x 1.5	1	660	930	44	70	60	0.408	36.70	71.78
CE11-60	60	70	85	28	52	M65 x 1.5	1	1050	1500	59	79	70	0.550	44.00	86.06

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



**Type CE12**

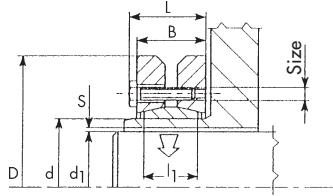
Part No.	Dimension				Screws			with tightening torque $M_s$ applied		Pressure		Weight		
								Torque	Axial force	Shaft	Hub			
	d	D	B	L	Size	No.	Tightening torque $M_s$	M	F	$P_w$	$P_N$			
	(mm)	(mm)	(mm)	(mm)		each	(N <sub>m</sub> )	(N <sub>m</sub> )	(K <sub>N</sub> )	(N/ mm <sup>2</sup> )	(N/ mm <sup>2</sup> )			
CE12-16*	16	32	17.0	21.0	M4 x 14	4	5	80	13	134	68	0.070	29.90	58.48
CE12-18*	18	40	18.0	24.0	M6 x 15	4	17	180	24	119	100	0.122	34.20	66.89
CE12-19*	19	41	18.0	24.0	M6 x 15	4	17	190	24	215	100	0.126	34.20	66.89
CE12-20*	20	42	18.0	24.0	M6 x 15	4	17	200	24	204	100	0.130	34.20	66.89
CE12-22*	22	44	18.0	24.0	M6 x 15	4	17	220	24	186	90	0.138	34.20	66.89
CE12-24*	24	46	18.0	24.0	M6 x 15	6	17	360	36	170	130	0.150	36.70	71.78
CE12-25*	25	47	18.0	24.0	M6 x 15	6	17	380	36	245	130	0.160	36.70	71.78
CE12-28*	28	50	18.0	24.0	M6 x 15	6	17	420	36	219	120	0.165	38.50	75.30
CE12-30*	30	52	18.0	24.0	M6 x 15	6	17	450	36	204	120	0.174	38.50	75.30
CE12-32*	32	54	18.0	24.0	M6 x 15	6	17	480	36	191	110	0.184	42.70	83.51
CE12-35*	35	57	21.5	27.5	M6 x 15	6	17	520	36	139	90	0.242	42.70	83.51
CE12-40*	40	62	21.5	27.5	M6 x 15	8	17	600	36	122	80	0.272	45.70	89.38
CE12-45*	45	73	28.0	36.0	M8 x 22	8	41	1700	90	84	130	0.514	54.30	106.20
CE12-50*	50	78	28.0	36.0	M8 x 22	8	41	1840	90	187	120	0.570	54.30	106.20
CE12-60*	60	88	28.0	36.0	M8 x 22	8	41	2200	90	156	100	0.644	89.30	174.66



**Type CE13**

Part No.	Dimension				Screws			with tightening torque $M_s$ applied		Pressure		Weight	Euro/each	DM/each
								Torque	Axial force	Shaft	Hub			
	d	D	B	L	Size	No.	Tightening torque $M_s$	M	F	$P_w$	$P_N$			
	(mm)	(mm)	(mm)	(mm)		each	(N <sub>m</sub> )	(N <sub>m</sub> )	(K <sub>N</sub> )	(N/mm <sup>2</sup> )	(N/mm <sup>2</sup> )			
CE13-15*	15	45	50	56	M6 x 45	4	17	150	18	81		0.378	<b>37.70</b>	<b>73.73</b>
CE13-16*	16	45	50	56	M6 x 45	4	17	160	18	76		0.370	<b>37.70</b>	<b>73.73</b>
CE13-18*	18	50	50	56	M6 x 45	4	17	180	18	68		0.450	<b>37.70</b>	<b>73.73</b>
CE13-19*	19	50	50	56	M6 x 45	4	17	190	18	64		0.444	<b>37.70</b>	<b>73.73</b>
CE13-20*	20	50	50	56	M6 x 45	4	17	200	18	61		0.436	<b>37.70</b>	<b>73.73</b>
CE13-24*	24	55	60	66	M6 x 55	6	17	360	27	63		0.632	<b>38.90</b>	<b>76.08</b>
CE13-25*	25	55	60	66	M6 x 55	6	17	380	27	60		0.616	<b>44.80</b>	<b>87.62</b>
CE13-28*	28	60	60	66	M6 x 55	6	17	370	24	46		0.752	<b>47.60</b>	<b>93.10</b>
CE13-30*	30	60	60	66	M6 x 55	6	17	400	24	43		0.712	<b>47.60</b>	<b>93.10</b>
CE13-35*	35	75	75	83	M8 x 70	4	41	640	32	41		1.328	<b>62.70</b>	<b>122.63</b>
CE13-40*	40	75	75	83	M8 x 70	4	41	730	32	36		1.188	<b>66.30</b>	<b>129.67</b>
CE13-45*	45	85	85	93	M8 x 80	6	41	1200	48	41		1.716	<b>69.60</b>	<b>136.13</b>
CE13-50*	50	90	85	93	M8 x 80	6	41	1340	48	37		1.884	<b>71.90</b>	<b>140.62</b>
CE13-60*	60	100	85	93	M8 x 80	8	41	2200	64	41		2.174	<b>101.00</b>	<b>197.54</b>
CE13-70*	70	115	100	110	M10 x 80	6	83	3200	80	38		4.000	<b>157.00</b>	<b>307.07</b>

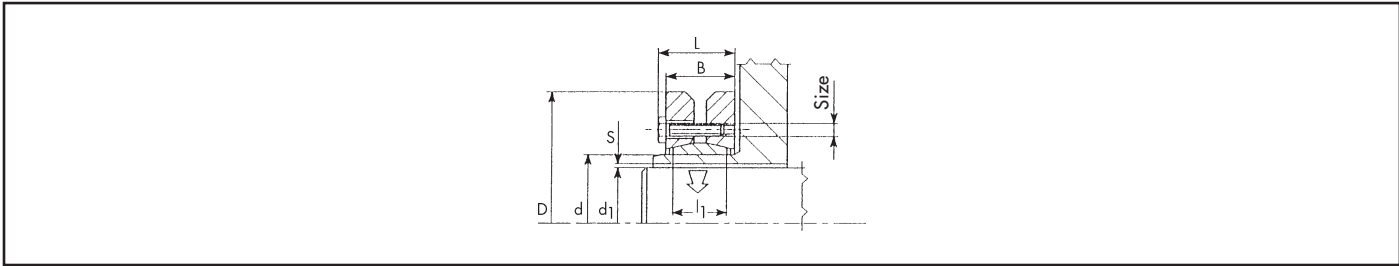
\* Non stock items We reserve the right to make technical changes



**Type CE14**

Part No.	Dimension							Screws			with tightening torque $M_s$ applied		Pressure		Weight	Euro/each	DM/each
	d	d <sub>1</sub>	D	B	L	l <sub>1</sub>	S	Size	No.	Tightening torque $M_s$	Torque	Axial force	Shaft	Hub			
											M	F	P <sub>w</sub>	P <sub>N</sub>			
											(N <sub>m</sub> )	(K <sub>N</sub> )	(N/ mm <sup>2</sup> )	(N/ mm <sup>2</sup> )			
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)		each	(N <sub>m</sub> )	(K <sub>N</sub> )	(N/ mm <sup>2</sup> )	(N/ mm <sup>2</sup> )	(kg)				
CE14- 24*	24	19	50	19	23.0	14	0.017	M5	6	4	180	26	140	280	0.184	61.60	120.48
		20									27	170	280				
		21									29	200	280				
CE14- 30*	30	24	60	21	25.0	16	0.017	M5	6	4	310	26	200	300	0.288	63.40	124.00
		25									27	205	300				
		26									28	220	300				
CE14- 36*	36	28	72	23	27.0	18	0.017	M6	6	12	460	50	235	360	0.468	68.50	133.97
		30									54	240	360				
		31									58	260	360				
CE14- 44*	44	32	80	25	29.0	20	0.032	M6	8	12	630	65	225	350	0.590	73.70	144.14
		35									74	240	350				
		36									77	255	350				
CE14- 50*	50	38	90	27	31.0	22	0.032	M6	8	12	940	79	180	285	0.794	78.50	153.53
		40									85	200	285				
		42									90	220	285				
CE14- 55*	55	42	100	30	34.0	23	0.032	M6	8	12	1200	80	155	250	1.104	85.10	166.44
		45									90	180	250				
		48									100	200	250				
CE14- 62*	62	48	110	30	34.0	23	0.032	M6	10	12	1800	100	190	270	1.312	91.80	179.55
		50									110	195	270				
		52									120	210	270				
CE14- 68*	68	50	115	30	34.0	23	0.038	M6	10	12	2000	100	140	250	1.304	96.90	189.52
		55									110	175	250				
		60									120	210	250				
CE14- 75*	75	55	138	33	38.0	25	0.048	M8	8	30	2500	120	190	300	1.700	100.00	195.58
		60									140	220	300				
		65									150	250	300				
CE14- 80*	80	60	145	32	38.0	25	0.048	M8	8	30	3200	120	185	280	2.540	114.00	222.96
		65									140	210	280				
		70									160	240	280				
CE14- 90*	90	65	155	39	45.0	30	0.048	M8	10	30	4700	170	180	260	3.300	173.00	338.36
		70									190	200	260				
		75									210	220	260				
CE14-100*	100	70	170	44	49.5	34	0.048	M8	12	30	6900	180	165	250	4.410	199.00	389.21
		75									220	185	250				
		80									240	190	250				
CE14-110*	110	75	185	50	57.0	39	0.048	M10	10	59	7200	230	160	260	5.900	302.00	590.66
		80									250	170	260				
		85									260	185	260				
CE14-115*	115	80	188	50	57.0	39	0.048	M10	10	59	8500	210	150	245	9.000	307.00	600.44
		85									240	170	245				
		90									270	180	245				
CE14-125*	125	85	215	54	61.0	42	0.056	M10	12	59	11000	300	160	260	8.600	309.00	604.35
		90									320	180	260				
		95									350	190	260				
CE14-130*	130	90	215	52	59.0	42	0.056	M10	12	59	13700	300	160	250	8.700	381.00	745.17
		95									330	180	250				
		100									360	190	250				

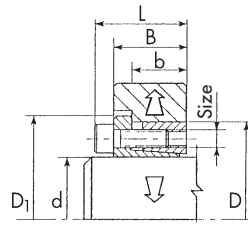




**Type CE14**

Part No.	Dimension							Screws			with tightening torque $M_s$ applied		Pressure		Weight (kg)	Euro/each	DM/each
	d	d <sub>1</sub>	D	B	L	l <sub>1</sub>	S	Size	No.	Tightening torque $M_s$	Torque	Axial force	Shaft	Hub			
											M	F	P <sub>w</sub>	P <sub>N</sub>			
											(N <sub>m</sub> )	(K <sub>N</sub> )	(N/mm <sup>2</sup> )	(N/mm <sup>2</sup> )			
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)		each	(N <sub>m</sub> )	(K <sub>N</sub> )	(N/mm <sup>2</sup> )	(N/mm <sup>2</sup> )	(kg)				
CE14-140*	140	95	230	60	68.0	46	0.056	M12	10	100	15000	360	170	260	10.000	490.00	958.36
		100									400	185	260				
		20000									420	195	260				
CE14-155*	155	105	263	62	70.0	50	0.069	M12	12	100	20000	390	180	255	11.500	624.00	1220.44
		23000									420	190	255				
		26000									450	200	255				
CE14-165*	165	115	290	68	78.0	56	0.069	M16	8	250	36000	630	195	265	20.600	705.00	1378.86
		39000									660	200	265				
		44000									700	210	265				
CE14-175*	175	125	300	68	78.0	56	0.079	M16	8	250	40000	650	185	250	21.400	727.00	1421.89
		44000									680	190	250				
		49000									720	200	250				
CE14-185*	185	135	330	86	96.0	71	0.079	M16	10	250	55000	815	175	230	33.400	853.00	1668.32
		60000									875	185	230				
		65000									896	190	230				
CE14-195*	195	140	350	86	96.0	71	0.079	M16	12	250	66000	950	210	265	38.000	1321.00	2583.65
		76000									1000	220	265				
		82000									1100	230	265				
CE14-220*	220	160	370	104	114.0	88	0.079	M16	15	250	95000	1200	190	235	54.000	1593.00	3115.64
		102000									1300	195	235				
		110000									1300	200	235				
CE14-240*	240	170	405	109	122.0	92	0.079	M20	12	490	120000	1500	210	260	67.000	2086.00	4079.86
		140000									1600	220	260				
		160000									1700	225	260				
CE14-260*	260	190	430	120	133.0	103	0.090	M20	14	490	165000	1700	205	250	82.000	2454.00	4799.61
		185000									1900	220	250				
		205000									2000	225	250				

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



**Type CE16**

Part No.	Dimension						Screws			with tightening torque $M_s$ applied		Pressure		Weight (kg)	Euro/each	DM/each
	d (mm)	D (mm)	D <sub>1</sub> (mm)	b (mm)	B (mm)	L (mm)	Size	No. each	Tightening torque $M_s$ (N <sub>m</sub> )	Torque	Axial force	Shaft	Hub			
										M	F	P <sub>w</sub>	P <sub>N</sub>			
										(N <sub>m</sub> )	(K <sub>N</sub> )	(N/mm <sup>2</sup> )	(N/mm <sup>2</sup> )			
CE16-14x55	14	55	62	23	31	39	M8 x 25	4	41	287	41	311	103	0.480	30.90	60.44
CE16-16x55	16	55	62	23	31	39	M8 x 25	4	41	329	41	272	103	0.460	30.90	60.44
CE16-18x55	18	55	62	23	31	39	M8 x 25	4	41	370	41	242	103	0.450	30.90	60.44
CE16-19x55	19	55	62	23	31	39	M8 x 25	4	41	390	41	229	103	0.440	30.90	60.44
CE16-20x55	20	55	62	23	31	39	M8 x 25	4	41	410	41	218	103	0.440	30.90	60.44
CE16-22x55	22	55	62	23	31	39	M8 x 25	4	41	451	41	198	103	0.420	30.90	60.44
CE16-24x55	24	55	62	23	31	39	M8 x 25	4	41	492	41	182	103	0.410	30.90	60.44
CE16-25x55	25	55	62	23	31	39	M8 x 25	4	41	513	41	174	103	0.410	30.90	60.44
CE16-28x55	28	55	62	23	31	39	M8 x 25	4	41	575	41	156	103	0.390	30.90	60.44
CE16-30x55	30	55	62	23	31	39	M8 x 25	4	41	616	41	145	103	0.370	30.90	60.44
CE16-24x65	24	65	72	23	31	39	M8 x 25	5	41	616	51	227	111	0.600	36.10	70.61
CE16-25x65	25	65	72	23	31	39	M8 x 25	5	41	641	51	218	111	0.600	36.10	70.61
CE16-28x65	28	65	72	23	31	39	M8 x 25	5	41	718	51	194	111	0.580	36.10	70.61
CE16-30x65	30	65	72	23	31	39	M8 x 25	5	41	770	51	182	111	0.570	36.10	70.61
CE16-32x65	32	65	72	23	31	39	M8 x 25	5	41	821	51	170	111	0.540	36.10	70.61
CE16-35x65	35	65	72	23	31	39	M8 x 25	5	41	898	51	156	111	0.520	36.10	70.61
CE16-38x65	38	65	72	23	31	39	M8 x 25	5	41	975	51	143	111	0.480	36.10	70.61
CE16-40x65	40	65	72	23	31	39	M8 x 25	5	41	1026	51	136	111	0.460	36.10	70.61
CE16-30x80	30	80	88	26	34	42	M8 x 25	7	41	1077	72	227	108	1.040	44.20	86.45
CE16-32x80	32	80	88	26	34	42	M8 x 25	7	41	1150	72	213	108	1.000	44.20	86.45
CE16-35x80	35	80	88	26	34	42	M8 x 25	7	41	1257	72	194	108	0.960	44.20	86.45
CE16-38x80	38	80	88	26	34	42	M8 x 25	7	41	1364	72	179	108	0.930	44.20	86.45
CE16-40x80	40	80	88	26	34	42	M8 x 25	7	41	1436	72	170	108	0.900	44.20	86.45
CE16-42x80	42	80	88	26	34	42	M8 x 25	7	41	1509	72	162	108	0.900	44.20	86.45
CE16-45x80	45	80	88	26	34	42	M8 x 25	7	41	1616	72	151	108	0.870	44.20	86.45
CE16-48x80	48	80	88	26	34	42	M8 x 25	7	41	1723	72	142	108	0.850	44.20	86.45
CE16-50x80	50	80	88	26	34	42	M8 x 25	7	41	1796	72	136	108	0.820	44.20	86.45

# optichain-RK/RKB

## For Calculation / Check of Chain Drive

Company \_\_\_\_\_  
 Street/P.O. Box \_\_\_\_\_  
 Town/Postcode \_\_\_\_\_  
 Contact \_\_\_\_\_  
 Department \_\_\_\_\_ Date \_\_\_\_\_  
 Tel. (        ) \_\_\_\_\_ Fax: \_\_\_\_\_

For test       New drive   
 For initial production       Existing drive   
 For series production       Usage \_\_\_\_\_ pieces/year

fitted with:

Type			

### Prime Mover

Type (e. g. electric motor, diesel engine 3 cyl.) \_\_\_\_\_  
 Size of starting torque (e. g.  $M_A = 1.8 M_N$ ) \_\_\_\_\_  
 Method of starting (e. g. star delta) \_\_\_\_\_  
 Operational hours per day \_\_\_\_\_ hours  
 Number of starts \_\_\_\_\_ per hour  per day   
 Rotational reverses \_\_\_\_\_ per minute  per hour   
 Power: P normal \_\_\_\_\_ kW  
           P maximal \_\_\_\_\_ kW  
 or maximum torque \_\_\_\_\_ Nm at  $n_1$  \_\_\_\_\_ r.p.m.  
 Speed  $n_1$  \_\_\_\_\_ r.p.m.  
 Position of shafts: horizontal  vertical   
                           angled  ↗ \_\_\_\_\_°

### Driven Machine

Tape (e. g. lathe, compressor) \_\_\_\_\_  
 Start: loaded  unloaded   
 Nature of load: constant  pulsating   
                           shock   
 Rating: P normal \_\_\_\_\_ kW  
           P maximal \_\_\_\_\_ kW  
 or maximum torque \_\_\_\_\_ Nm at  $n_2$  \_\_\_\_\_ r.p.m.  
 Speed  $n_2$  \_\_\_\_\_ r.p.m.  
            $n_{2 \min}$  \_\_\_\_\_ r.p.m.  
            $n_{2 \max}$  \_\_\_\_\_ r.p.m.

### Required sprocket:

Pitch diameter or number of teeth  
 $d_{o1}$  \_\_\_\_\_ mm  $z_1$  \_\_\_\_\_

Pitch diameter or number of teeth  
 $d_{o2}$  \_\_\_\_\_ mm  $z_2$  \_\_\_\_\_

Speed ratio  $i$  \_\_\_\_\_  $i_{\min}$  \_\_\_\_\_  $i_{\max}$  \_\_\_\_\_  
 Centre distance  $a$  \_\_\_\_\_ mm  $a_{\min}$  \_\_\_\_\_ mm  $a_{\max}$  \_\_\_\_\_ mm

### Which lubrication method is to be used?

Hand greasing       Drip lubrication       Oil bath  
 Pressure lubrication       \_\_\_\_\_

### Drive Conditions: Ambient temperature

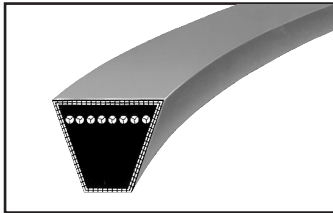
\_\_\_\_\_ °C minimum  
 \_\_\_\_\_ °C maximum

Contamination?  yes  no  
 water  (e. g. spray)  
 acid  (type, concentration, temperature) \_\_\_\_\_  
 dust  (type)

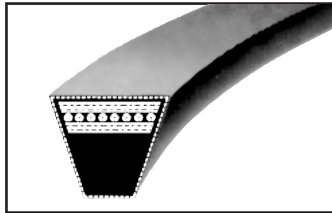
Special conditions: Where the drive is subjected to unusual conditions (e. g. inside or outside idler sprockets, two or more driven sprockets, full or partial twist), then a sketch and any other relevant information should accompany this sheet.



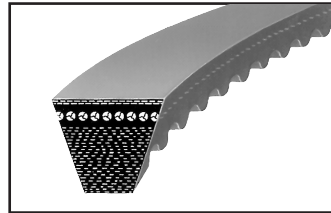
## Power Transmission



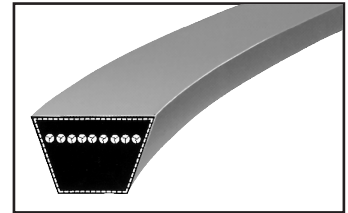
**optibelt-SK**  
High performance wedge belts to BS 3790, DIN 7753 Part 1 and RMA/MPTA



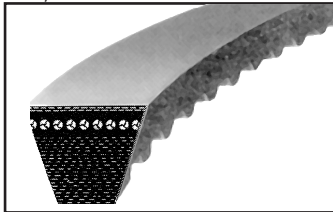
**optibelt RED POWER**  
High performance wedge belts to BS 3790, DIN 7753 Part 1 and RMA/MPTA - service free



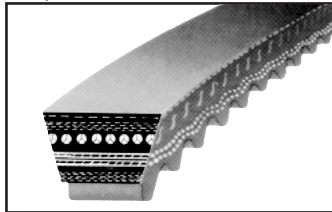
**optibelt SUPERTYX M-5**  
Moulded cogged raw edge belts to BS 3790 and DIN 7753 Part 1



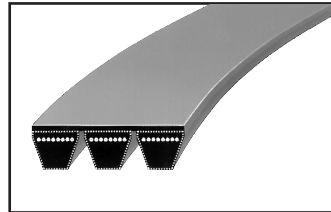
**optibelt-VB**  
Classical V-Belts to BS 3790 and DIN 2215



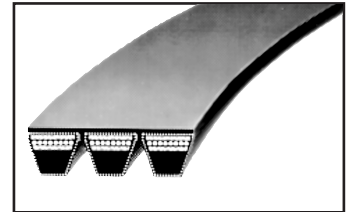
**optibelt MARATHON 1**  
Automotive fan belts – raw edge, moulded cogged, maintenance free



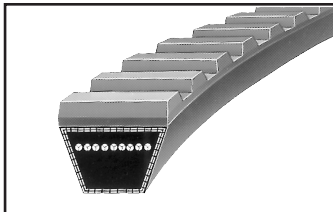
**optibelt MARATHON 2 M-5**  
Automotive fan belts – raw edge, moulded cogged, maintenance free, heavy duty, may be used in sets without restrictions



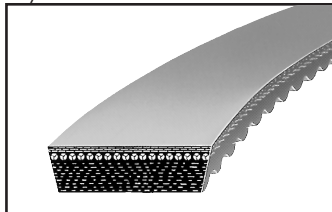
**optibelt-KB**  
Kraftbands



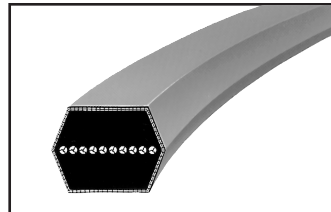
**optibelt-KB RED POWER**  
Kraftbands



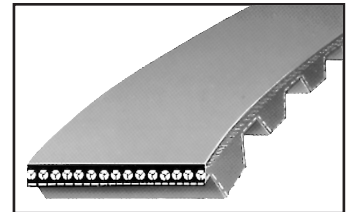
**optibelt-PKR**  
Endless V-belts with patterned top surface DIN 2215



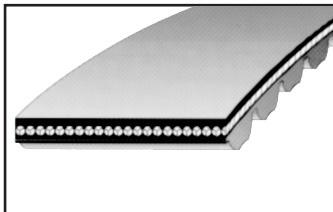
**optibelt SUPER VIX**  
Variable speed belts – moulded cogged raw edge



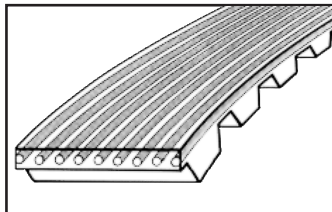
**optibelt-DK**  
Double section V-belts DIN 7722



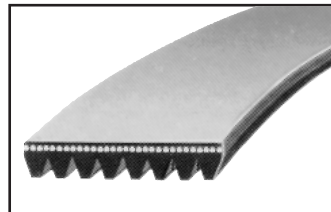
**optibelt-ZR/HTD®/ZRK**  
Timing belts



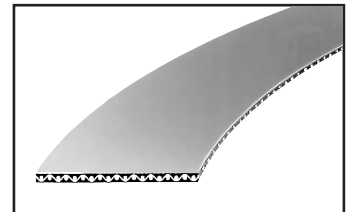
**optibelt OMEGA**  
Timing belts



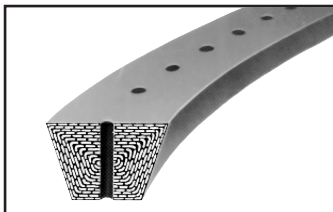
**optibelt-ZRM/ZRP/ZRL**  
Polyurethane timing belts and open ended timing belting



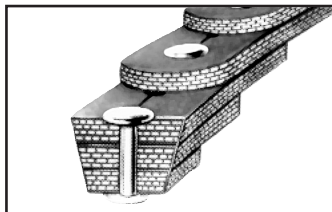
**optibelt-RB/RBK**  
Ribbed belts



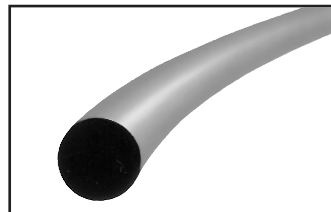
**optimax-HF**  
Endless flat belts



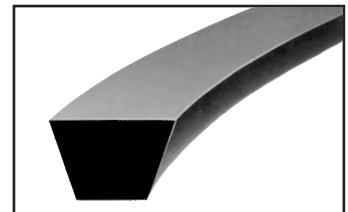
**optimat-OE**  
Open ended V-belt, punched DIN 2216



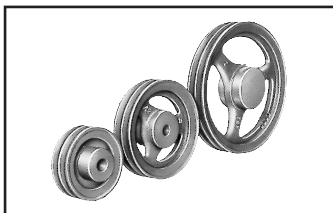
**optibelt-LB**  
Link belting



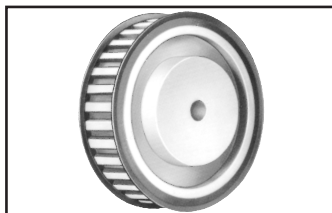
**optibelt-RR**  
Round plastic belting



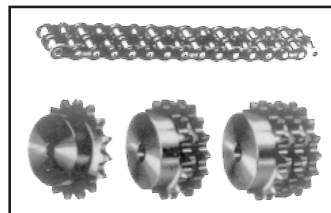
**optibelt-KK**  
Plastic V-belt



**optibelt-KS**  
V-grooved pulleys



**optibelt-ZRS**  
Timing belt pulleys



**optichain-RK/KTR**  
Roller chain  
Chain sprockets



**optibelt-CE**  
Clamping bushes

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