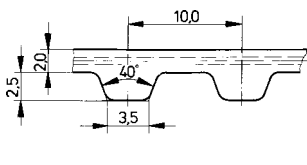
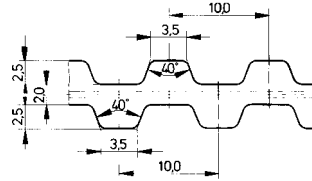


T10 BELTS
SS SINGLE SIDED

DL DOUBLE SIDED

AVAILABILITY

TECHNICAL DATA SUMMARY

Potential capacity 30 kW
 Maximum speed 15000 rpm
 Maximum linear speed 60 m/s
 Allowable tensile load F_{zul} 720N / 10mm of belt width
 Weight per metre 0.048 kg / 10mm of belt width
 Full technical data see page 114

STANDARD BELT AND PULLEY WIDTHS

Standard belt widths b	12	16	20	25	32	50	75	100	150
Pulley face width B	17	21	25	30	37	56	81	106	156
Stock pulley width B_N		31		40	47	66			

Also available 450mm wide in Kevlar (see page 72)

TYPE profile/length	No. of teeth Z	SYNCHROFLEX		BRECO M / V		BRECOFLEX	
		SS	DL	SS	DL	SS	DL
T10 / 260	26	●	●				
T10 / 320	32	●					
T10 / 370	37	●					
T10 / 410	41	●					
T10 / 440	44	●					
T10 / 500	50	●				■	
T10 / 530	53	●	●			■	
T10 / 560	56	●				■	
T10 / 600	60	●				■	
T10 / 610	61	●				■	
T10 / 630	63	●	●			■	
T10 / 660	66	●	●			■	
T10 / 680	68	●				■	
T10 / 690	69	●				■	
T10 / 700	70	●				■	
T10 / 720	72	●	●			■	
T10 / 730	73	●				■	
T10 / 750	75	●				■	
T10 / 760	76	●				■	
T10 / 780	78	●				■	
T10 / 810	81	●				■	
T10 / 840	84	●	●			■	
T10 / 850	85	●				■	
T10 / 880	88	●				■	
T10 / 890	89	●				■	
T10 / 920	92	●				■	
T10 / 960	96	●				■	
T10 / 970	97	●				■	
T10 / 980	98	●	●			■	
T10 / 990	99	●				■	
T10 / 1010	101	●				■	■*
T10 / 1080	108	●				■	■*
T10 / 1110	111	●				■	■*
T10 / 1140	114	●				■	■*
T10 / 1150	115	●				■	■*
T10 / 1210	121	●	●			■	■*
T10 / 1240	124	●	●			■	■*
T10 / 1250	125	●	●			■	■*
T10 / 1300	130	●				■	■*
T10 / 1320	132	●	●			■	■*
T10 / 1350	135	●	●			■	■*
T10 / 1390	139	●				■	■*
T10 / 1400	140	●				■	■*
T10 / 1420	142	●	●			■	■*
T10 / 1450	145	●				■	■*
T10 / 1460	146	●				■	■*
T10 / 1500	150	●				■	■*

TYPE profile/length	No. of teeth Z	SYNCHROFLEX		BRECO M / V		BRECOFLEX	
		SS	DL	SS	DL	SS	DL
T10 / 1560	156	●				■	■
T10 / 1610	161	●	●			■	■
T10 / 1750	175	●				■	■
T10 / 1780	178	●				■	■
T10 / 1880	188	●	●			■	■
T10 / 1960	196	●				■	■
T10 / 2250	225	●				■	■
T10 / 2360	236					■	■
T10 / 2500	250					■	■
T10 / 2650	265					■	■
T10 / 2800	280					■	■
T10 / 3000	300					■	■
T10 / 3100	310	●				■	■
T10 / 3150	315					■	■
T10 / 3350	335					■	■
T10 / 3750	375					■	■
T10 / 4000	400					■	■
T10 / 4250	425					■	■
T10 / 4500	450					■	■
T10 / 4750	475					■	■
T10 / 4780	478	●	●			■	■
T10 / 5000	500					■	■
T10 / 5300	530					■	■
T10 / 5600	560					■	■
T10 / 6000	600					■	■
T10 / 6300	630					■	■
T10 / 6700	670					■	■
T10 / 7100	710					■	■
T10 / 7500	750					■	■
T10 / 8000	800					■	■
T10 / 9000	900					■	■

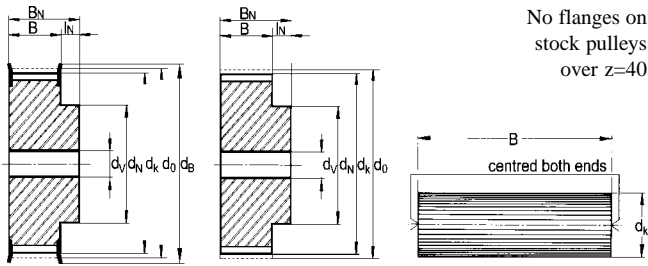
BELT ORDER CODE EXAMPLE

Width	Profile / length	Specification
25	T10 / 1780	Synchroflex
32	T10 / 9000	Brecoflex

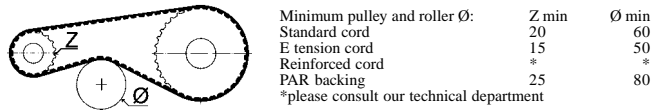
FLEX=endless, M=open length, V=joined

- Standard belt length, normally held in stock.
- Standard belt length, only available to special order.
- * Intermediate lengths available between 1050-22000mm, only available to special order. Min. quantity will apply.

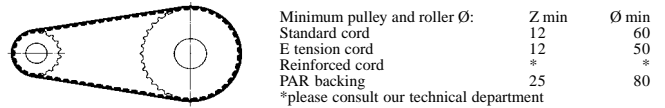
PULLEY & BAR DIMENSIONS



REVERSE BENDING



NORMAL USE



Pulley width B _N		Z, no. teeth	d _o (mm)	d _k (mm)	d _B * (mm)	d _N (mm)	bore size		
31	40						47	66	Bar
● ●		140	12	38.20	36.35	42	28	6	24
		140	13	41.38	39.55	45			26
● ●		160	14	44.56	42.70	48	32	8	30
● ●		160	15	47.75	45.90	51	32	8	34
● ●		160	16	50.93	49.10	55	35	8	36
		160	17	54.11	52.25	58			40
● ● ● ●		160	18	57.30	55.45	61	40	8	44
● ● ● ●		160	19	60.48	58.65	64	44	8	46
● ● ● ●		160	20	63.66	61.80	67	46	8	50
		160	21	66.85	65.00	70			52
● ● ● ●		160	22	70.03	68.20	74	52	8	56
		160	23	73.21	71.35	76			60
● ● ● ●		160	24	76.39	74.55	80	58	8	62
● ● ● ●		160	25	79.58	77.75	82	60	8	66
● ● ● ●		160	26	82.76	80.90	86	60	8	68
● ● ● ●		160	27	85.94	84.10	90	60	8	72
● ● ● ●		160	28	89.13	87.25	93	60	8	76
		160	29	92.31	90.45	96			78
● ● ● ●		160	30	95.49	93.65	99	60	8	82
		160	31	98.68	96.80	102			84
● ● ● ●		160	32	101.86	100.00	105	65	10	88
		160	33	105.04	103.20	109			88
		160	34	108.23	106.35	112			92
		160	35	111.41	109.55	115			96
● ● ● ●		160	36	114.59	112.75	118	70	10	98
		160	37	117.77	115.90	121			101
		160	38	120.96	119.10	125			104
		160	39	124.14	122.30	128			106
● ● ● ●		160	40	127.32	125.45	131	80	10	110
		160	41	130.51	128.65	134			110
		160	42	133.69	131.85	137			112
		160	43	136.87	135.00	140			114
● ● ● ●		160	44	140.06	138.20	144	88	16	118
		160	45	143.24	141.40	147			120
		160	46	146.42	144.55	150			122
		160	47	149.61	147.75	153			122
● ● ● ●		160	48	152.79	150.95	156	95	16	124
		160	49	155.97	154.10	160			126
		160	50	159.15	157.30	162			130
		160	51	162.34	160.50	166			134
		160	52	165.52	163.65	169			136
		160	53	168.70	166.85	172			140
		160	54	171.89	170.05	176			144
		160	55	175.07	173.20	178			146
		160	56	178.25	176.40	182			150
		160	57	181.44	179.60	185			152
		160	58	184.62	182.75	188			156
		160	59	187.80	185.95	191			160
● ● ● ●		160	60	190.99	189.15	195	110	16	162

● Available from stock in Aluminium. Preferred sizes shaded red.
 Non stock sizes available to order (see page 86)

STOCK PULLEY ORDER CODE EXAMPLE

Mat'l	Width B _N	Type / no. teeth	No of. flanges	Special instructions
AL	47	T10 / 40	-2	

Pulley width B _N		Z, no. teeth	d _o (mm)	d _k (mm)	d _B * (mm)	d _N (mm)	bore size	
31	40						47	66
		61	194.17	192.30	198			164
		62	197.35	195.50	201			166
		63	200.54	198.70	204			170
		64	203.72	201.85	207			171
		65	206.90	205.05	210			174
		66	210.08	208.25	214			175
		67	213.27	211.40	217			177
		68	216.45	214.60	220			181
		69	219.63	217.80	223			185
		70	222.82	220.95	226			187
		71	226.00	224.15	230			191
	160	72	229.18	227.35	232			193
		73	232.37	230.50	236			197
		74	235.55	233.70	239			201
		75	238.73	236.90	242			203
		76	241.92	240.05	245			207
		77	245.10	243.25	248			209
		78	248.28	246.40	252			213
		79	251.46	249.60	255			215
		80	254.65	252.80	258			219
		81	257.83	255.95	261			223
		82	261.01	259.15	265			225
		83	264.20	262.35	268			229
		84	267.38	265.50	271			231
		85	270.56	268.70	274			235
		86	273.75	271.90	277			239
		87	276.93	275.05	280			241
		88	280.11	278.25	284			245
		89	283.30	281.45	287			247
		90	286.48	284.60	290			251
		91	289.66	287.80	293			255
		92	292.85	291.00	296			257
		93	296.03	294.15	300			261
		94	299.21	297.35	302			263
		95	302.39	300.55	306			267
		96	305.58	303.70	309			269
		97	308.76	306.90	312			273
		98	311.94	310.10	315			279
		99	315.13	313.25	318			283
		100	318.31	316.45	322			285
		101	321.49	319.65	325			289
		102	324.68	322.80	328			293
		103	327.86	326.00	332			295
		104	331.04	329.20	335			299
		105	334.23	332.35	338			301
		106	337.41	335.55	341			305
		107	340.59	338.75	344			309
		108	343.77	341.90	347			311
		109	346.96	345.10	351			315

d_o = Pitch circle diameter
 d_k = Outside diameter
 d_N = Hub diameter
 d_v / d_{max} = Stock pulley bore diameter / max. bore
 d_B = Flange diameter (*approximate)