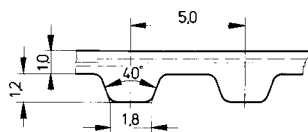
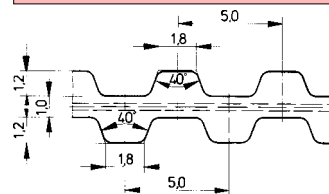


T5 BELTS
SS SINGLE SIDED

DL DOUBLE SIDED

AVAILABILITY


TYPE profile/length	No. of teeth Z	SYNCHROFLEX		BRECO M / V		BRECOFLEX	
		SS	DL	SS	DL	SS	DL
T5 / 100	20	●					
T5 / 150	30		●				
T5 / 165	33	●					
T5 / 180	36	●					
T5 / 185	37	●					
T5 / 200	40	●				■	
T5 / 210	42	●					
T5 / 215	43	●				■	
T5 / 220	44	●				■	
T5 / 225	45	●				■	
T5 / 240	48	●				■	
T5 / 245	49	●				■	
T5 / 250	50	●					
T5 / 255	51	●				■	
T5 / 260	52	●	●				
T5 / 270	54	●				■	
T5 / 280	56	●				■	
T5 / 295	59	●				■	
T5 / 300	60	●	●				
T5 / 305	61	●				■	
T5 / 330	66	●				■	
T5 / 340	68	●				■	
T5 / 355	71	●				■	
T5 / 365	73	●				■	
T5 / 370	74	●				■	
T5 / 390	78	●				■	
T5 / 400	80	●				■	
T5 / 410	82	●	●			■	
T5 / 420	84	●				■	
T5 / 435	87	●				■	
T5 / 455	91	●				■	
T5 / 460	92	●	●				
T5 / 480	96	●				■	
T5 / 500	100	●				■	
T5 / 505	101	●				■	
T5 / 510	102	●					
T5 / 515	103	●	●			■	
T5 / 525	105	●	●			■	
T5 / 545	109	●				■	
T5 / 550	110	●				■	
T5 / 560	112	●				■	
T5 / 575	115	●				■	
T5 / 590	118	●	●			■	
T5 / 610	122	●				■	
T5 / 620	124	●	●			■	
T5 / 625	125	●	●				
T5 / 630	126	●				■	
T5 / 650	130	●				■	
T5 / 660	132	●				■	
T5 / 690	138	●				■	
T5 / 700	140	●				■	
T5 / 720	144	●				■	
T5 / 725	145	●				■	

Any joined length available in pitch multiples from 500mm.
Minimum quantities apply to belts of 6, 8, 10, 12 or 16mm width

Min. length 650mm
Min. qty. as per SS

BELT ORDER CODE EXAMPLE

Width	Profile / length	Specification
10	T5 / 455	Synchroflex
25	T5 / 1600	Brecoflex

TECHNICAL DATA SUMMARY

Potential capacity 5 kW
Maximum speed 40000 rpm
Maximum linear speed 80 m/s
Allowable tensile load F_{zul} 350N / 10mm of belt width
Weight per metre 0.024 kg / 10mm of belt width
Full technical data see page 113

STANDARD BELT AND PULLEY WIDTHS

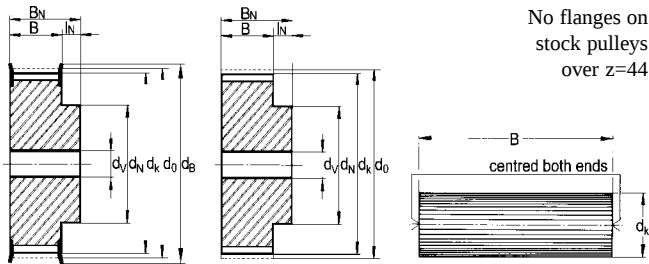
Standard belt widths b	6	10	12	16	20	25	32	50	75
Pulley face width B	11	15	17	21	25	30	37	55	80
Stock pulley width B_N		21		27		36			

TYPE profile/length	No. of teeth Z	SYNCHROFLEX		BRECO M / V		BRECOFLEX	
		SS	DL	SS	DL	SS	DL
T5 / 750	150	●	●			■	
T5 / 755	151					■	
T5 / 765	153	●					
T5 / 780	156	●				■	
T5 / 800	160	●					
T5 / 815	163	●	●			■	
T5 / 840	168	●				■	
T5 / 860	172		●				
T5 / 900	180	●				■	
T5 / 920	184	●					
T5 / 925	185	●					
T5 / 940	188	●	●				
T5 / 945	189					■	
T5 / 990	198	●				■	
T5 / 1040	208						
T5 / 1075	215	●				■	■
T5 / 1100	220	●	●			■	■
T5 / 1160	232	●					
T5 / 1215	243	●				■	■
T5 / 1315	263	●					
T5 / 1325	265		●				
T5 / 1380	276	●				■	■
T5 / 1400	280					■	■
T5 / 1500	300	●				■	■
T5 / 1600	320					■	■
T5 / 1700	340					■	■
T5 / 1800	360					■	■
T5 / 1900	380					■	■
T5 / 2000	400					■	■
T5 / 2120	424					■	■
T5 / 2240	448					■	■
T5 / 2360	472					■	■
T5 / 2500	500					■	■
T5 / 2650	530					■	■
T5 / 2800	560					■	■
T5 / 3000	600					■	■
T5 / 3150	630					■	■
T5 / 3350	670					■	■
T5 / 3550	710					■	■
T5 / 3750	750					■	■
T5 / 4000	800					■	■
T5 / 4250	850					■	■
T5 / 4500	900					■	■
T5 / 4750	950					■	■
T5 / 5000	1000					■	■
T5 / 5300	1060					■	■
T5 / 5600	1120					■	■
T5 / 6000	1200					■	■
T5 / 6300	1260					■	■
T5 / 6700	1340					■	■
T5 / 7100	1420					■	■
T5 / 7500	1500					■	■

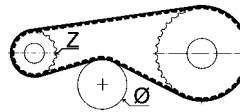
FLEX=endless, M=open length, V=joined

- Standard belt length, normally held in stock
- Standard belt length, only available to special order.
- * Intermediate lengths available between 1050-15000mm, only available to special order. Min. quantity will apply.

PULLEY & BAR DIMENSIONS

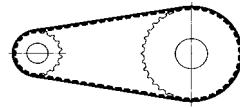


REVERSE BENDING



Minimum pulley and roller Ø:	Z min	Ø min
Standard cord	15	30
E tension cord	12	18
Reinforced cord	*	*
PAR backing	25	40
*please consult our technical department		

NORMAL USE



Minimum pulley and roller Ø:	Z min	Ø min
Standard cord	10	30
E tension cord	10	18
Reinforced cord	*	*
PAR backing	25	40
*please consult our technical department		

Pulley width B _N			Z no. teeth	d ₀ (mm)	d _k (mm)	d _B * (mm)	d _N (mm)	bore size	
21	27	36						d _v	d _{max}
● ● ●			125	10	15.92	15.05	20	8	6
			125	11	17.51	16.65	22	—	6
● ● ●			125	12	19.10	18.25	23	12*	6
			125	13	20.69	19.85	25	—	8
● ● ●			132	14	22.28	21.45	26	14	8
● ● ●			132	15	23.87	23.05	28	16	10
● ● ●			140	16	25.46	24.60	30	18	12
			140	17	27.06	26.20	31	—	14
● ● ●			140	18	28.65	27.80	33	20	16
● ● ●			140	19	30.24	29.40	34	22	16
● ● ●			140	20	31.83	31.00	36	24*	18
			160	21	33.42	32.60	37	—	20
● ● ●			160	22	35.01	34.15	39	24	22
			160	23	36.61	35.75	40	—	24
● ● ●			160	24	38.20	37.35	42	26	24
● ● ●			160	25	39.79	38.95	43	26	25
● ● ●			160	26	41.38	40.55	45	26	25
● ● ●			160	27	42.97	42.15	47	30	27
● ● ●			160	28	44.56	43.75	48	32	29
			160	29	46.15	45.30	50	—	31
● ● ●			160	30	47.75	46.90	51	34	33
				31	49.34	48.50	53	—	35
● ● ●			160	32	50.93	50.10	55	38	37
				33	52.52	51.70	56	—	39
			160	34	54.11	53.30	58	—	39
				35	55.70	54.85	59	—	40
● ● ●			160	36	57.30	56.45	61	38	42
				37	58.89	58.05	62	—	43
			160	38	60.48	59.65	64	—	45
				39	62.07	61.25	66	—	45
● ● ●			160	40	63.66	62.85	67	40	47
				41	65.25	64.40	69	—	48
● ● ●			160	42	66.85	66.00	70	40	50
				43	68.44	67.60	72	—	52
● ● ●			160	44	70.03	69.20	74	45	52
				45	71.62	70.80	75	—	54
			160	46	73.21	72.40	77	—	56
				47	74.80	73.95	78	—	58
● ● ●			160	48	76.39	75.55	80	50	60
				49	77.99	77.15	82	—	60
			160	50	79.58	78.75	83	—	60
				51	81.17	80.35	85	—	62
				52	82.76	81.95	86	—	64
				53	84.35	83.55	88	—	66
				54	85.94	85.10	90	—	66
				55	87.54	86.70	91	—	68
				56	89.13	88.30	93	—	70
				57	90.72	89.90	94	—	72
				58	92.31	91.50	96	—	74

Pulley width B _N			Z no. teeth	d ₀ (mm)	d _k (mm)	d _B * (mm)	d _N (mm)	bore size	
21	27	36						d _v	d _{max}
● ● ●			160	59	93.90	93.10	97	—	74
				60	95.49	94.65	99	65	76
				61	97.08	96.25	101	—	79
				62	98.68	97.85	102	—	80
				63	100.27	99.45	104	—	82
				64	101.86	101.05	105	—	82
				65	103.45	102.65	107	—	84
				66	105.04	104.20	109	—	86
				67	106.63	105.80	110	—	88
				68	108.23	107.40	112	—	90
				69	109.82	109.00	113	—	90
				70	111.41	110.60	115	—	90
				71	113.00	112.20	117	—	92
			160	72	114.59	113.75	118	—	94
				73	116.18	115.35	120	—	96
				74	117.77	116.95	121	—	96
				75	119.37	118.55	123	—	98
				76	120.96	120.15	125	—	100
				77	122.55	121.75	126	—	102
				78	124.14	123.35	128	—	104
				79	125.73	124.90	129	—	104
				80	127.32	126.50	131	—	106
				81	128.92	128.10	133	—	108
				82	130.51	129.70	134	—	110
				83	132.10	131.30	136	—	110
				84	133.69	132.90	137	—	112
				85	135.28	134.45	139	—	114
				86	136.87	136.05	140	—	116
				87	138.46	137.65	142	—	119
				88	140.06	139.25	144	—	119
				89	141.65	140.85	145	—	120
				90	143.24	142.45	147	—	120
				91	144.83	144.00	148	—	122
				92	146.42	145.60	150	—	124
				93	148.01	147.20	152	—	126
				94	149.61	148.80	153	—	126
				95	151.20	150.40	155	—	129
				96	152.79	152.00	156	—	130
				97	154.38	153.55	158	—	130
				98	155.97	155.15	160	—	132
				99	157.56	156.75	161	—	132
				100	159.15	158.35	163	—	134
				101	160.75	159.95	164	—	136
				102	162.34	161.55	166	—	139
				103	163.93	163.15	168	—	140
				104	165.52	164.70	169	—	140
				105	167.11	166.30	171	—	140
				106	168.70	167.90	172	—	142
				107	170.30	169.50	174	—	146

● 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	27	T5 / 48	-0	

d₀ = Pitch circle diameter

d_k = Outside diameter

d_N = Hub diameter (* variable)

d_v / d_{max} = Stock pulley bore diameter / max. bore

d_B = Flange diameter (*approximate)