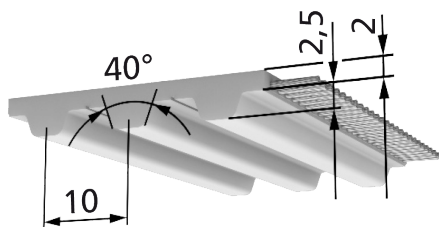
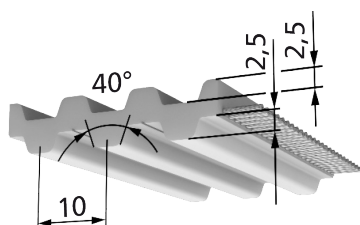


## Standard



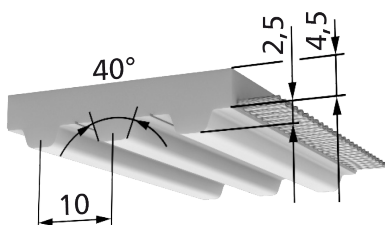
T10

## Double-sided



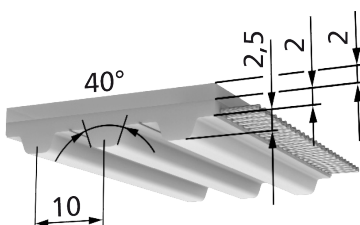
T10-DL

## Standard



T10-DR

## Version T



T10-T

Available length and versions	T10	Comment
Standard lengths	see table	without minimum purchase amount
Sleeve width	b=100 mm	-
Minimum purchase	1 sleeve	to 700 mm
Any number of teeth available from	720 mm to 22,000 mm	in case of intermediate lengths minimum purchase amount on request
StandardPlus version	720 mm to 22,000 mm	-
Bigger lengths	on request	Minimum purchase amount on request
Standard material (BRECOFLEX to 700 mm)	TPUST3	-
Standard material (BRECOFLEX from 720 mm)	TPUST1	further materials on request
Steel tension member	Standard	-
E tension member	available	Minimum purchase amount on request
Stainless steel tension member	available	Minimum purchase amount on request
PAZ	available	without minimum purchase amount at standard lengths
DL / DL-PAZ (b <sub>max</sub> =100 mm)	from 900 mm	Minimum purchase amount on request (coating only possible on inner side)
DR / DR-PAZ (b <sub>max</sub> =100 mm)	from 900 mm	Minimum purchase amount on request
T / T-PAZ (b <sub>max</sub> =100 mm)	available	Minimum purchase amount on request

## Standard lengths [mm] / number of teeth

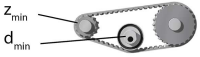

Length [mm]	number of teeth	Length [mm]	number of teeth	Length [mm]	number of teeth
500	50	1,080	108	2,650	265
530	53	1,150	115	2,800	280
560	56	1,210	121	3,000	300
600	60	1,240	124	3,100	310
610	61	1,250	125	3,150	315
630	63	1,320	132	3,350	335
660	66	1,350	135	3,750	375
690	69	1,390	139	4,000	400
700	70	1,400	140	4,250	425
720	72	1,420	142	4,500	450
780	78	1,460	146	4,750	475
810	81	1,500	150	5,000	500
840	84	1,560	156	5,300	530
880	88	1,610	161	5,600	560
890	89	1,750	175	6,000	600
920	92	1,780	178	6,300	630
960	96	1,880	188	6,700	670
970	97	1,960	196	7,100	710
980	98	2,250	225	7,500	750
990	99	2,360	236	8,000	800
1,010	101	2,500	250	9,000	900

## Belt widths b [mm] (In-between belt widths on request)

16	25	32	50	75	100
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Tooth shear strength (specific belt tooth load bearing)							
R.p.m. n [min-1]	F <sub>Uspez</sub> [N/cm]	M <sub>spez</sub> [Ncm/cm]	P <sub>spez</sub> [W/cm]	R.p.m. n [min-1]	F <sub>Uspez</sub> [N/cm]	M <sub>spez</sub> [Ncm/cm]	P <sub>spez</sub> [W/cm]
0	50.5	8.04	0	2,000	25.4	4.04	8.46
20	49	7.8	0.163	2,200	24.6	3.92	9.03
40	47.7	7.6	0.318	2,400	23.9	3.81	9.58
60	46.6	7.42	0.466	2,600	23.3	3.71	10.1
80	45.7	7.27	0.609	2,800	22.7	3.62	10.6
100	44.8	7.13	0.746	3,000	22.2	3.53	11.08
200	41.4	6.6	1.381	3,200	21.7	3.45	11.55
300	39.1	6.22	1.953	3,400	21.2	3.36	11.99
400	37.2	5.92	2.48	3,600	20.7	3.3	12.42
500	35.7	5.68	2.98	3,800	20.3	3.23	12.84
600	34.4	5.48	3.44	4,000	19.86	3.16	13.24
700	33.3	5.31	3.89	4,500	18.91	3.01	14.18
800	32.4	5.15	4.32	5,000	18.06	2.87	15.05
900	31.5	5.01	4.73	5,500	17.28	2.75	15.84
1,000	30.7	4.89	5.12	6,000	16.58	2.64	16.58
1,100	30	4.77	5.5	6,500	15.93	2.54	17.26
1,200	29.3	4.67	5.87	7,000	15.33	2.44	17.88
1,300	28.7	4.57	6.22	7,500	14.76	2.35	18.46
1,400	28.2	4.48	6.57	8,000	14.24	2.27	18.99
1,500	27.6	4.4	6.91	8,500	13.74	2.18	19.47
1,600	27.1	4.32	7.23	9,000	13.28	2.11	19.92
1,700	26.7	4.24	7.55	9,500	12.84	2.04	20.3
1,800	26.2	4.17	7.86	10,000	12.42	1.976	20.7
1,900	25.8	4.1	8.16				

T10		Admissible tensile force of the belt F <sub>adm</sub> / belt weight						
belt width	b [mm]	16	25	32	50	75	100	
E / Steel tension member	F <sub>zul</sub>	1,000	1,800	2,300	3,800	5,800	7,800	
Stainless steel tension member	F <sub>zul</sub>	800	1,440	1,840	3,040	4,640	6,240	
Belt width	Standard	[kg/m]	0.068	0.14	0.145	0.227	0.341	0.454
	DL	[kg/m]	0.09	0.143	0.183	0.228	0.432	0.577
	DR	[kg/m]	0.119	0.185	0.237	0.372	0.558	0.795
	T	[kg/m]	0.107	0.17	0.217	0.342	0.513	0.685

T10		Flexibility (Minimum number of teeth / minimum diameter)											
		Steel tension member				E / Steel tension member				Stainless steel tension member			
		Standard	DL	DR	T	Standard	DL	DR	T	Standard	DL	DR	T
	Minimum number of teeth without contraflexure (z <sub>min</sub> )	12	20	20	20	10	15	20	20	25	48	25	25
	Minimum diameter of tensioning roller without contraflexure (d <sub>min</sub> [mm])	60	60	60	60	50	50	60	60	80	130	80	80
	Minimum number of teeth with contraflexure (z <sub>min</sub> )	20	20	20	20	15	15	20	20	40	40	40	40
	Minimum diameter of tensioning roller with contraflexure (d <sub>min</sub> [mm])	60	60	80	80	50	50	80	80	130	130	130	130