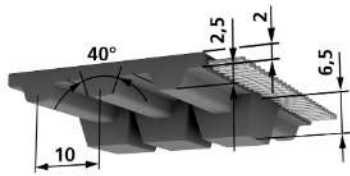
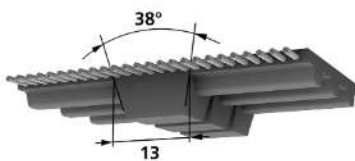


Standard



TK10K13 BAS

Standard



TK10K13 BAS

Available length and versions	TK10K13 BAS	Comment
Standard lengths	50 oder 100 m-Rolle	-
Cut to lengths / lengths > 100 m	-	-
In-between belt widths / other widths	not available	-
minimum length endless joined (b 100 mm)	1000 mm	Mindestbestellmenge anfragen
Standard material	TPUBAS	-
Riemenfarbe	anthrazit	-
Basic-Zugträger	Standard	-
PAZ	available	-

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

32	50	100
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Tooth shear strength (specific belt tooth load bearing)

R.p.m. n [min-1]	F _{tspez} [N/cm]	R.p.m. n [min-1]	F _{tspez} [N/cm]	R.p.m. n [min-1]	F _{tspez} [N/cm]	R.p.m. n [min-1]	F _{tspez} [N/cm]
0	50.5	800	32.4	2,000	25.4	5,000	18.06
20	49	900	31.5	2,200	24.6	5,500	17.28
40	47.7	1,000	30.7	2,400	23.9	6,000	16.58
60	46.6	1,100	30	2,600	23.3	6,500	15.93
80	45.7	1,200	29.3	2,800	22.7	7,000	15.33
100	44.8	1,300	28.7	3,000	22.2	7,500	14.76
200	41.4	1,400	28.2	3,200	21.7	8,000	14.24
300	39.1	1,500	27.6	3,400	21.2	8,500	13.74
400	37.2	1,600	27.1	3,600	20.7	9,000	13.28
500	35.7	1,700	26.7	3,800	20.3	9,500	12.84
600	34.4	1,800	26.2	4,000	19.86	10,000	12.42
700	33.3	1,900	25.8	4,500	18.91		

TK10K13 BAS			Admissible tensile force of the belt F_{adm} / belt weight		
	belt width	b [mm]	32	50	100
M	basic tension member	F_{Tadm} [N]	2,600	4,200	8,600
	Specific elasticity	C_{spez} [N]	$7.0 \cdot 10^5$	$11.0 \cdot 10^5$	$22.0 \cdot 10^5$
V	basic tension member	F_{Tadm} [N]	1,300	2,100	4,300
	weight	[kg/m]	0.282	0.407	0.735

TK10K13 BAS		Flexibility (Minimum number of teeth / minimum diameter)	
		M	V
	Minimum number of teeth without contraflexure (z_{min})	25	25
	Minimum diameter of tensioning roller without contraflexure (d_{min} [mm])	80	80
	Minimum number of teeth with contraflexure (z_{min})	25	25
	Minimum diameter of tensioning roller with contraflexure (d_{min} [mm])	80	80