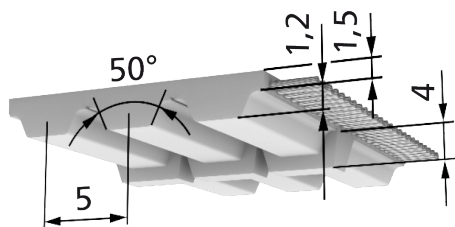
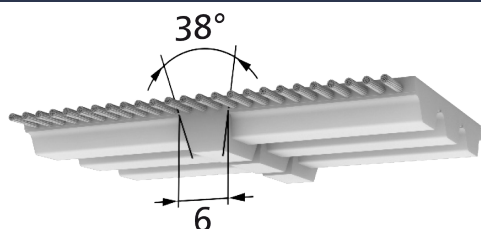


## Standard



ATK5K6

## Standard



ATK5K6

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

50

100


Available length and versions	ATK5K6	Comment
Standard lengths	see table	without minimum purchase amount
Sleeve width	b=100 mm	-
Minimum purchase	-	-
Any number of teeth available from	1,075 mm from 15,000 mm	in case of intermediate lengths minimum purchase amount on request
StandardPlus version	1,075 mm from 15,000 mm	-
Bigger lengths	on request	Minimum purchase amount on request
Standard material (BRECOFLEX to 700 mm)	-	-
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)	not available	-
DR / DR-PAZ (b <sub>max</sub> =100 mm)	not available	-
T / T-PAZ (b <sub>max</sub> =100 mm)	not available	-

## Standard lengths [mm] / number of teeth

Length [mm]	number of teeth	Length [mm]	number of teeth	Length [mm]	number of teeth
1,075	215	2,240	448	4,500	900
1,100	220	2,360	472	4,750	950
1,215	243	2,500	500	5,000	1,000
1,380	276	2,650	530	5,300	1,060
1,400	280	2,800	560	5,600	1,120
1,500	300	3,000	600	6,000	1,200
1,600	320	3,150	630	6,300	1,260
1,700	340	3,350	670	6,700	1,340
1,800	360	3,550	710	7,100	1,420
1,900	380	3,750	750	7,500	1,500
2,000	400	4,000	800		
2,120	424	4,250	850		

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	42	3.344	0	2,000	26.05	2.074	4.344
20	41.521	3.306	0.069	2,200	25.377	2.02	4.654
40	41.069	3.27	0.137	2,400	24.755	1.971	4.953
60	40.641	3.236	0.203	2,600	24.177	1.925	5.241
80	40.234	3.203	0.268	2,800	23.637	1.882	5.518
100	39.846	3.172	0.332	3,000	23.13	1.842	5.785
200	38.142	3.037	0.636	3,200	22.654	1.804	6.044
300	36.733	2.925	0.919	3,400	22.203	1.768	6.294
400	35.531	2.829	1.185	3,600	21.776	1.734	6.536
500	34.483	2.745	1.437	3,800	21.37	1.701	6.77
600	33.554	2.672	1.678	4,000	20.983	1.671	6.997
700	32.721	2.605	1.91	4,500	20.089	1.599	7.537
800	31.964	2.545	2.132	5,000	19.284	1.535	8.038
900	31.271	2.49	2.346	5,500	18.55	1.477	8.506
1,000	30.633	2.439	2.554	6,000	17.877	1.423	8.942
1,100	30.04	2.392	2.755	6,500	17.255	1.374	9.351
1,200	29.488	2.348	2.95	7,000	16.677	1.328	9.733
1,300	28.971	2.307	3.14	7,500	16.138	1.285	10.09
1,400	28.484	2.268	3.325	8,000	15.631	1.245	10.425
1,500	28.025	2.231	3.505	8,500	15.154	1.207	10.739
1,600	27.59	2.197	3.68	9,000	14.704	1.171	11.033
1,700	27.177	2.164	3.852	9,500	14.277	1.137	11.307
1,800	26.784	2.132	4.019	10,000	13.871	1.104	11.564
1,900	26.409	2.103	4.183				

ATK5K6			Admissible tensile force of the belt F <sub>adm</sub> / belt weight	
belt width	b [mm]		<b>50</b>	<b>100</b>
E / Steel tension member	F <sub>zul</sub>		4,200	8,610
Stainless steel tension member	F <sub>zul</sub>		2,730	5,597
Belt width	Standard	[kg/m]	0.167	0.334
	DL	[kg/m]	-	-
	DR	[kg/m]	-	-
	T	[kg/m]	-	-

ATK5K6		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> )	25	-	-	-	25	-	-	-	25	-	-	-
	Minimum diameter of tensioning roller without contraflexure (d <sub>min</sub> [mm])	40	-	-	-	40	-	-	-	40	-	-	-
	Minimum number of teeth with contraflexure (z <sub>min</sub> )	25	-	-	-	25	-	-	-	30	-	-	-
	Minimum diameter of tensioning roller with contraflexure (d <sub>min</sub> [mm])	80	-	-	-	80	-	-	-	80	-	-	-