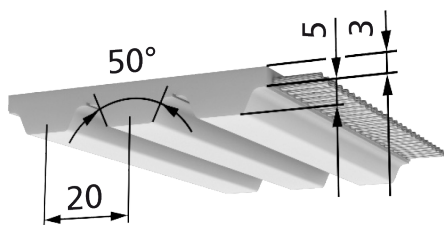
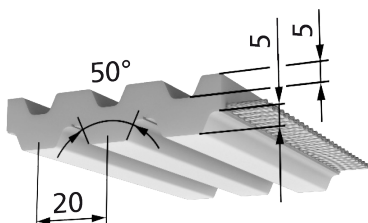


Standard



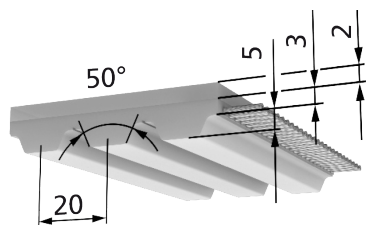
AT20

Double-sided



AT20-DL

Version T



AT20-T

Available length and versions	AT20	Comment
Standard lengths	see table	without minimum purchase amount
Sleeve width	b=100 mm	150 mm belt width available from 1,500 mm up to 15,000 mm
Minimum purchase	-	-
Any number of teeth available from	1,100 mm from 22,000 mm	in case of intermediate lengths minimum purchase amount on request
StandardPlus version	1,100 mm from 22,000 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 _{max} =100 mm)	available	Minimum purchase amount on request (coating only possible on inner side)
DR / DR-PAZ (b _{max} =100 mm)	not available	-
T / T-PAZ (b _{max} =100 mm)	available	Minimum purchase amount on request (coating only possible on inner side)

Standard lengths [mm] / number of teeth

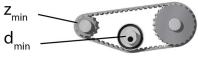

Length [mm]	number of teeth	Length [mm]	number of teeth	Length [mm]	number of teeth
1,500	75	2,800	140	5,300	265
1,600	80	3,000	150	5,600	280
1,700	85	3,160	158	6,000	300
1,800	90	3,360	168	6,300	315
1,900	95	3,560	178	6,700	335
2,000	100	3,760	188	7,100	355
2,120	106	4,000	200	7,500	375
2,240	112	4,260	213	8,000	400
2,360	118	4,500	225	8,500	425
2,500	125	4,760	238	9,000	450
2,660	133	5,000	250		

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

32	50	75	100	150
----	----	----	-----	-----

Tooth shear strength (specific belt tooth load bearing)							
R.p.m. n [min-1]	F _{Uspez} [N/cm]	M _{spez} [Ncm/cm]	P _{spez} [W/cm]	R.p.m. n [min-1]	F _{Uspez} [N/cm]	M _{spez} [Ncm/cm]	P _{spez} [W/cm]
0	175	55.732	0	2,000	79.678	25.375	53.142
20	171.733	54.692	1.145	2,200	75.94	24.185	55.713
40	168.692	53.724	2.25	2,400	72.494	23.087	58.021
60	165.847	52.818	3.318	2,600	69.299	22.07	60.085
80	163.175	51.966	4.353	2,800	66.319	21.121	61.925
100	160.655	51.164	5.357	3,000	63.528	20.232	63.556
200	149.85	47.723	9.994	3,200	60.904	19.396	64.992
300	141.179	44.961	14.124	3,400	58.426	18.607	66.245
400	133.936	42.655	17.866	3,600	56.081	17.86	67.327
500	127.717	40.674	21.295	3,800	53.854	17.151	68.245
600	122.268	38.939	24.464	4,000	51.735	16.476	69.01
700	117.419	37.395	27.41	4,500	46.843	14.918	70.294
800	113.051	36.004	30.16	5,000	42.44	13.516	70.764
900	109.077	34.738	32.737	5,500	38.437	12.241	70.498
1,000	105.432	33.577	35.159	6,000	34.767	11.072	69.565
1,100	102.066	32.505	37.44	6,500	31.38	9.994	68.02
1,200	98.938	31.509	39.592	0	0	0	0
1,300	96.018	30.579	41.626	0	0	0	0
1,400	93.279	29.707	43.549	0	0	0	0
1,500	90.7	28.885	45.37	0	0	0	0
1,600	88.264	28.11	47.095	0	0	0	0
1,700	85.956	27.374	48.729	0	0	0	0
1,800	83.762	26.676	50.279	0	0	0	0
1,900	81.673	26.01	51.748				

AT20		Admissible tensile force of the belt F _{adm} / belt weight					
belt width	b [mm]	32	50	75	100	150	
E / Steel tension member	F _{zul}	6,000	10,000	15,600	21,200	32,400	
Stainless steel tension member	F _{zul}	4,800	8,000	12,480	16,960	25,920	
Belt width	Standard	[kg/m]	0.307	0.48	0.72	0.96	1.423
	DL	[kg/m]	0.365	0.57	0.855	1.14	-
	DR	[kg/m]	-	-	-	-	-
	T	[kg/m]	0.372	0.588	0.888	1.187	-

AT20		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 _{min})	18	25	-	25	15	-	-	-	32	60	-	32
	Minimum diameter of tensioning roller without contraflexure (d _{min} [mm])	120	180	-	120	100	-	-	-	200	380	-	200
	Minimum number of teeth with contraflexure (z _{min})	25	25	-	25	22	-	-	-	60	40	-	60
	Minimum diameter of tensioning roller with contraflexure (d _{min} [mm])	180	180	-	180	150	-	-	-	380	300	-	380