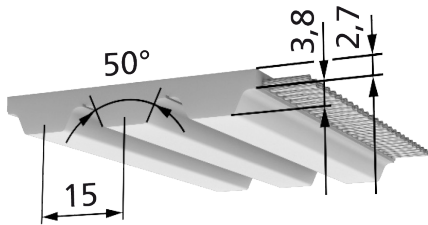
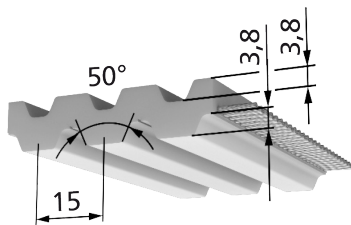


Standard



ATS15

Double-sided



ATS15-DL

Available length and versions	ATS15	Comment
Standard lengths	-	-
Sleeve width	b=100 mm	-
Minimum purchase	1 sleeve	-
Any number of teeth available from	1,500 mm to 22,000 mm	-
StandardPlus version	1,500 mm to 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	not available	-
Stainless steel tension member	available	Minimum purchase amount on request
PAZ	available	-
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)	not available	-

Standard lengths [mm] / number of teeth

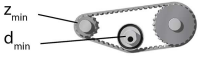

Length [mm]	number of teeth	Length [mm]	number of teeth	Length [mm]	number of teeth
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Belt widths b [mm] (In-between belt widths on request)

25	32	50	75	100
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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	168	40.127	0	2,000	85.382	20.394	42.709
20	165.244	39.469	0.827	2,200	82.094	19.608	45.171
40	162.67	38.854	1.627	2,400	79.063	18.884	47.458
60	160.255	38.278	2.405	2,600	76.25	18.213	49.584
80	157.982	37.734	3.161	2,800	73.626	17.586	51.561
100	155.833	37.221	3.898	3,000	71.168	16.999	53.399
200	146.574	35.01	7.332	3,200	68.856	16.447	55.109
300	139.098	33.224	10.437	3,400	66.674	15.925	56.697
400	132.827	31.726	13.288	3,600	64.607	15.432	58.171
500	127.427	30.436	15.935	3,800	62.644	14.963	59.538
600	122.685	29.304	18.411	4,000	60.775	14.516	60.802
700	118.457	28.294	20.739	4,500	56.462	13.486	63.547
800	114.643	27.383	22.939	5,000	52.578	12.558	65.751
900	111.17	26.553	25.024	5,500	49.047	11.715	67.468
1,000	107.981	25.792	27.007	6,000	45.809	10.942	68.743
1,100	105.033	25.087	28.897	6,500	42.819	10.227	69.611
1,200	102.292	24.433	30.701	0	0	0	0
1,300	99.732	23.821	32.427	0	0	0	0
1,400	97.329	23.247	34.08	0	0	0	0
1,500	95.066	22.707	35.665	0	0	0	0
1,600	92.927	22.196	37.187	0	0	0	0
1,700	90.899	21.712	38.649	0	0	0	0
1,800	88.972	21.251	40.055	0	0	0	0
1,900	87.135	20.813	41.407				

ATS15		Admissible tensile force of the belt F _{adm} / belt weight					
belt width	b [mm]	25	32	50	75	100	
E / Steel tension member	F _{zul}	6,150	7,995	12,915	19,680	26,445	
Stainless steel tension member	F _{zul}	4,900	6,370	10,290	15,680	21,070	
Belt width	Standard	[kg/m]	0.219	0.28	0.438	0.656	0.875
	DL	[kg/m]	0.294	0.377	0.589	0.883	1.178
	DR	[kg/m]	-	-	-	-	-
	T	[kg/m]	-	-	-	-	-

ATS15		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})	25	40	-	-	-	-	-	-	30	60	-	-
	Minimum diameter of tensioning roller without contraflexure (d _{min} [mm])	120	250	-	-	-	-	-	-	180	300	-	-
	Minimum number of teeth with contraflexure (z _{min})	40	40	-	-	-	-	-	-	60	60	-	-
	Minimum diameter of tensioning roller with contraflexure (d _{min} [mm])	250	250	-	-	-	-	-	-	300	300	-	-