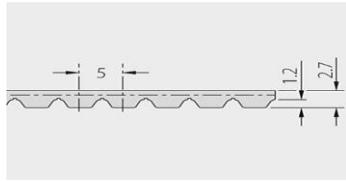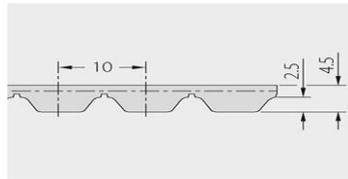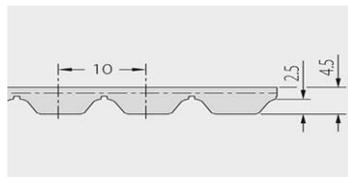# sumicor IBERICA

AT5

Width [mm]	Width tolerance [mm]	Weight. approx. [kg/m²]		$z_{(min)}$ minimum number of teeth	$d_{(min)}$ approx. [mm]	$d_{(min)}$ approx. [mm] tensioning roller on reverse side of belt		Open belts F_{perm} [N]		Endless welded belts F_{perm} [N]		Truly endless belts* F_{perm} [N]
		Steel	Kevlar			Steel	Kevlar	Steel	Kevlar	Steel	Kevlar	Steel
10	+/- 0.5	0.030	0.027	12	19	50	60	640	455	320	341	720
12	+/- 0.5	0.036	0.032	12	19	50	60	770	546	384	410	880
16	+/- 0.5	0.048	0.043	12	19	50	60	1120	757	560	568	1200
20	+/- 0.5	0.060	0.054	12	19	50	60	1470	997	640	820	1500
25	+/- 0.5	0.075	0.068	12	19	50	60	1840	1210	920	908	1920
32	+/- 0.5	0.096	0.086	12	19	50	60	2240	1562	1120	1172	2480
50	+/- 0.5	0.150	0.135	12	19	50	60	3680	2468	1840	1851	3920
75	+/- 0.5	0.225	0.203	12	19	50	60	5500	3727	2760	2795	5840
100	+/- 0.5	0.300	0.270	12	19	50	60	7350	4985	3680	3739	7840

AT10

Width [mm]	Width tolerance [mm]	Weight. approx. [kg/m²]		$z_{(min)}$ minimum number of teeth	$d_{(min)}$ approx. [mm]	$d_{(min)}$ approx. [mm] tensioning roller on reverse side of belt		Open belts F_{perm} [N]		Endless welded belts F_{perm} [N]		Truly endless belts* F_{perm} [N]
		Steel	Kevlar			Steel	Kevlar	Steel	Kevlar	Steel	Kevlar	Steel
12	+/- 0.5	0.077	0.050	15	48	90	120	1800	810	900	607	1680
16	+/- 0.5	0.102	0.067	15	48	90	120	2400	1078	1200	809	2400
20	+/- 0.5	0.128	0.084	15	48	90	120	3070	1470	1540	1103	2850
25	+/- 0.5	0.160	0.105	15	48	90	120	3840	1750	1920	1313	3840
32	+/- 0.5	0.205	0.134	15	48	90	120	4560	2273	2280	1705	5040
50	+/- 0.5	0.320	0.210	15	48	90	120	7680	3617	3840	2713	7920
75	+/- 0.5	0.480	0.315	15	48	90	120	11520	5483	5760	4113	12000
100	+/- 0.5	0.640	0.420	15	48	90	120	15360	7350	7680	5513	16080
150	+/- 0.5	0.960	0.630	15	48	90	120	26100	11083	13050	8313	

AT10E

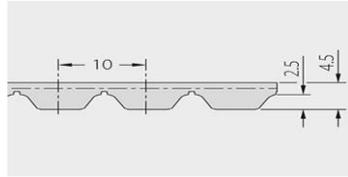| Width [mm]	Width tolerance [mm]	Weight. approx. [kg/m]		$z_{(min)}$ minimum number of teeth	$d_{(min)}$ approx. [mm]	$d_{(min)}$ approx. [mm] tensioning roller on reverse side of belt		Open belts F_{perm} [N]		Endless welded belts F_{perm} [N]		Truly endless belts* F_{perm} [N]
		Steel	Kevlar			Steel	Kevlar	Steel	Kevlar	Steel	Kevlar	Steel
10	+/- 0.5	0.064		14	45	90		1240		625		1100
12	+/- 0.5	0.077		14	45	90		1480		750		1350

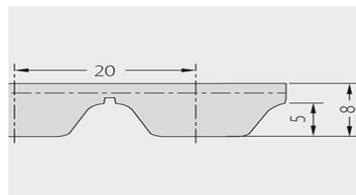| Width [mm]	Width tolerance [mm]	Weight. approx. [kg/m²] Steel	z(min) minimum number of teeth	d(min) approx. [mm]	d(min) approx. [mm] tensioning roller on reverse side of belt	Open belts F perm [N] Steel	Endless welded belts F perm [N] Steel	Truly endless belts* F perm [N] Steel
16 +/- 0.5	0.102	14	45	90	1950	970	1950
20 + /- 0.5	0.128	14	45	90	2480	1250	2340
25 +/- 0.5	0.160	14	45	90	3120	1560	3120
32 + /- 0.5	0.205	14	45	90	3700	1850	4090
50 + /- 0.5	0.320	14	45	90	6200	3100	6430
75 + /- 0.5	0.480	14	45	90	9360	4680	9750
100 + /- 0.5	0.640	14	45	90	12480	6240	13060

AT10L

Width [mm]	Width tolerance [mm]	Weight. approx. [kg/m²] Steel	Weight. approx. [kg/m²] Kevlar	z(min) minimum number of teeth	d(min) approx. [mm]	d(min) approx. [mm] tensioning roller on reverse side of belt Steel	d(min) Kevlar	Open belts F perm [N] Steel	Open belts F perm [N] Kevlar	Endless welded belts F perm [N] Steel	Endless welded belts F perm [N] Kevlar	Truly endless belts* F perm [N] Steel
10 +/- 0.5	0.068		25	80	120		3025		760		2760
12 + /- 0.5	0.082		25	80	120		3630		912		3300
16 + /- 0.5	0.109		25	80	120		4400		1200		4400
20 +/- 0.5	0.136		25	80	120		6050		1520		5500
25 + /- 0.5	0.170		25	80	120		6600		1900		7150
32 + /- 0.5	0.218		25	80	120		8800		2250		9350
50 + /- 0.5	0.340		25	80	120		14300		3800		14850
75 + /- 0.5	0.510		25	80	120		22550		5700		22000
100 + /- 0.5	0.680		25	80	120		30250		7600		29700

AT20

Width [mm]	Width tolerance [mm]	Weight. approx. [kg/m²] Steel	Weight. approx. [kg/m²] Kevlar	z(min) minimum number of teeth	d(min) approx. [mm]	d(min) approx. [mm] tensioning roller on reverse side of belt Steel	d(min) Kevlar	Open belts F perm [N] Steel	Open belts F perm [N] Kevlar	Endless welded belts F perm [N] Steel	Endless welded belts F perm [N] Kevlar	Truly endless belts* F perm [N] Steel
16 + /- 1.0	0.160	0.117	18	115	120	180	4400	1138	2200	853	4400
25 + /- 1.0	0.250	0.183	18	115	120	180	6600	1750	3300	1313	7150
32 + /- 1.0	0.320	0.234	18	115	120	180	8800	2275	4400	1706	9350
50 + /- 1.0	0.500	0.365	18	115	120	180	13200	3625	6600	2719	14850
75 +/- 1.0	0.750	0.548	18	115	120	180	19800	5500	9900	4125	22000
100 + /- 1.0	1.000	0.730	18	115	120	180	26400	7375	13200	5531	29700
150 + /- 1.0	1.500	1.095	18	115	120	180	46200	11125	23100	8344	

AT20L

Width [mm]	Width tolerance [mm]	Weight. approx. [kg/m²] Steel	Weight. approx. [kg/m²] Kevlar	z(min) minimum number of teeth	d(min) approx. [mm]	d(min) approx. [mm] tensioning roller on reverse side of belt Steel	d(min) Kevlar	Open belts F perm [N] Steel	Open belts F perm [N] Kevlar	Endless welded belts F perm [N] Steel	Endless welded belts F perm [N] Kevlar	Truly endless belts* F perm [N] Steel
25 + /- 1.0	0.278		22	140	170		8000				8000

32 +/- 1.0	0.355	22	140	170		10000		10000
50 +/- 1.0	0.555	22	140	170		17000		16000
75 +/- 1.0	0.833	22	140	170		26000		24000
100 +/- 1.0	1.110	22	140	170	35000			33000 undefined
150 +/- 1.0	1.665	22	140	170		53000		