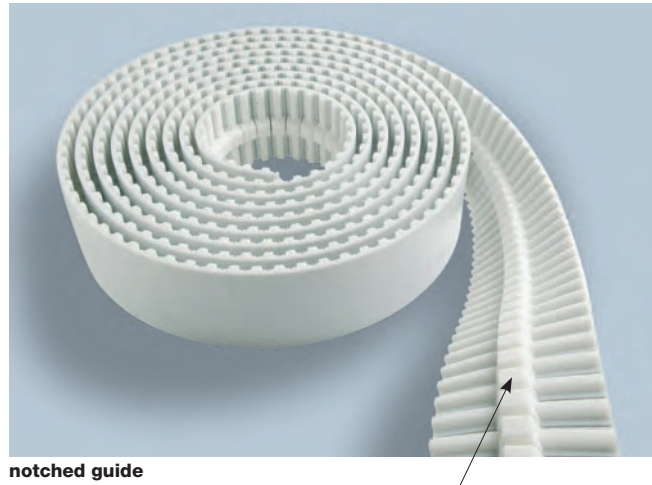


MEGALINEAR ATG5 OPEN-END

BELT CHARACTERISTICS

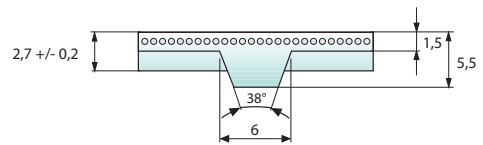
STANDARD WIDTHS (mm)	25	32	50
Weight (gr/m)	95	120	180

- Standard compound: **white Polyurethane thermoplastic 92 ShA**
- Standard back cover: **none**
- Standard tooth cover: **none**
- Standard cords: **S and Z torsion zinked steel**
- Standard width tolerance: **+/- 1 mm**
- Standard length tolerance: **+/- 0,8 mm/m**
- Standard roll length: **100 m**
- Belt options on request with minimum quantity:
 - Nylon fabric back
 - Nylon fabric teeth*
 - Antistatic nylon fabric
 - Transparent FDA compound
 - AVAFC 60/70/85 ShA
 - Cleats



Different back coating materials see page 120

* Nylon fabric teeth excluding guide (2 fabric strips on teeth only).



TOOTH RESISTANCE

RPM (1/min)	0	20	40	60	80	100	200	300	400	500	750	1000	1500	2000	3000	4000	5000	8000
F _{p spec} (N/cm)	35	35	35	34	34	34	32	31	30	29	27	26	24	22	19	18	16	13

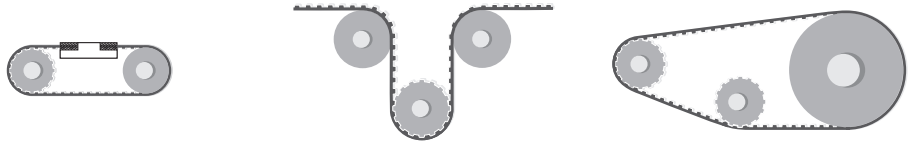
Minimum suggested number of teeth in clamp for linear movement: 7

TRACTION RESISTANCE

Belt width (mm)		25	32	50
Steel	Max Traction Load (N)	1805	2275	3750
	Breaking Strength (N)	7235	9110	15005
	Elongation at MTL (mm/m)	4	4	4

Average values

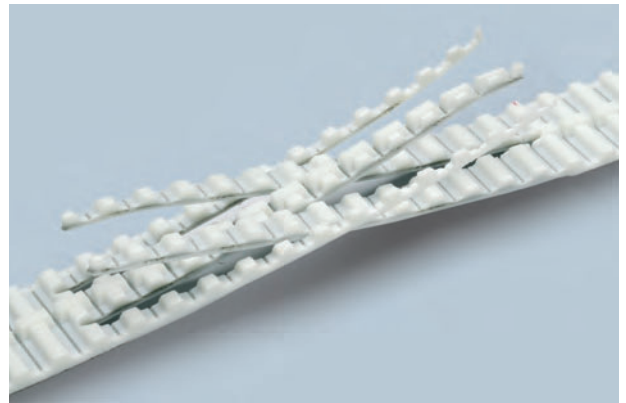
FLEXION RESISTANCE



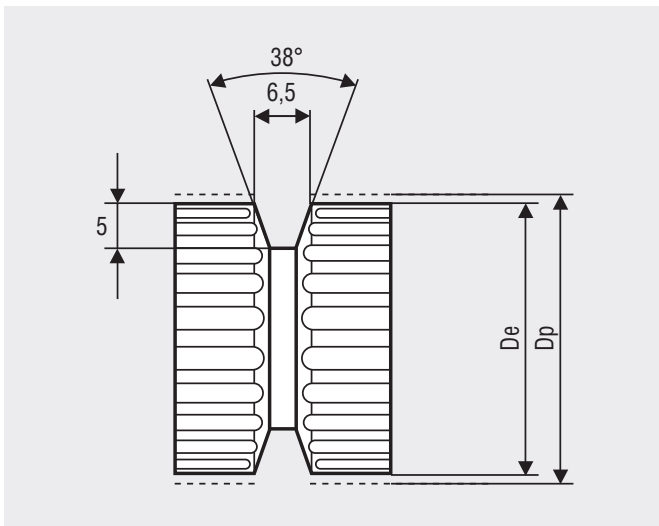
	Z_{min}	Z_{min}	Idler min dia (mm)	Z_{min}	Idler min dia (mm)
Standard steel cords	25	28	100	25	80

JOINED BELT INFORMATION

- Minimum splice length 900 mm
- Traction and tooth resistances = 50% less than open-end
- Joined belt can be used only in conveyor systems
- Rolls with NFT, NFB, and AVAFC can be joined too
- Minimum diameters according above table
- For coated belts, minimum diameters on page 120



PULLEYS (for more details please see our pulleys catalogue)



N° Teeth	Dp	De	N° Teeth	Dp	De
25	39,79	38,96	36	57,30	56,47
27	42,97	42,14	40	63,66	62,93
30	47,75	46,92	48	76,39	75,57
32	50,93	50,10	60	95,49	94,67

MEGALINEAR ATG10 OPEN-END

BELT CHARACTERISTICS

STANDARD WIDTHS (mm)	25 ATG10K13	32 ATG10K13	50 ATG10K13	75 ATG10K13	100 ATG10K13	150 ATG10K13	50 ATG10K6
Weight (gr/m)	180	230	330	465	620	930	290

Standard compound: **white Polyurethane thermoplastic 92 ShA**

Standard back cover: **none**

Standard tooth cover: **none**

Standard cords: **S and Z torsion zinked steel**

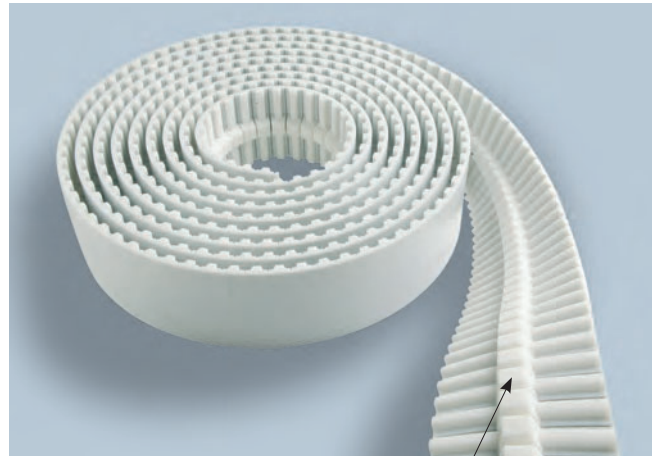
Standard width tolerance: **+/- 0,5 mm**

Standard length tolerance: **+/- 0,8 mm/m**

Standard roll length: **100 m**

Belt options on request with minimum quantity:

- Nylon fabric back
- Nylon fabric teeth*
- Antistatic nylon fabric
- Transparent FDA compound
- AVAFC 60/70/85 ShA
- Cleats



notched guide

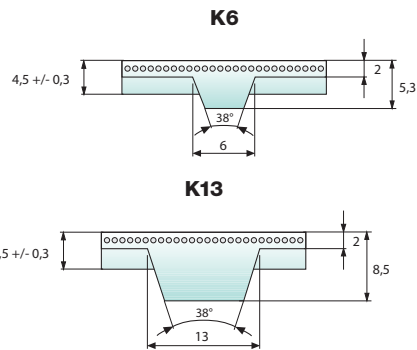
Different back coating materials see page 120

*K13 - Nylon fabric teeth excluding guide (2 fabric strips on teeth only) is standard version.

Nylon fabric teeth including guide (fabric on complete width) is only on request.

K6 - Nylon fabric teeth including guide (fabric on complete width) is standard version.

Nylon fabric teeth excluding guide (2 fabric strips on teeth only) is only on request.



TOOTH RESISTANCE

RPM (1/min)	0	20	40	60	80	100	200	300	400	500	750	1000	1500	2000	3000	4000	5000	8000
F _{p spec} (N/cm)	74	72	71	71	70	69	65	62	60	58	53	50	44	40	35	30	27	20

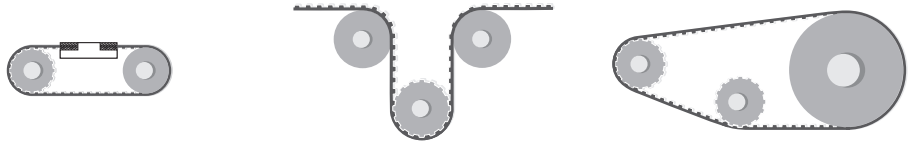
Minimum suggested number of teeth in clamp for linear movement: 7

TRACTION RESISTANCE

Belt width (mm)		25 ATG10K13	32 ATG10K13	50 ATG10K13	75 ATG10K13	100 ATG10K13	150 ATG10K13	50 ATG10K6
Steel	Max Traction Load (N)	3800	4750	8075	13000	17500	28225	8075
	Breaking Strength (N)	15200	19000	32300	49400	66500	98800	32300
	Elongation at MTL (mm/m)	4	4	4	4	4	4	4
Kevlar	Max Traction Load (N)	5045	6730	10935	17715	23915	39425	10935
	Breaking Strength (N)	20195	26925	43755	67315	90875	138000	43755
	Elongation at MTL (mm/m)	8	8	8	8	8	8	8
HP	Max Traction Load (N)	5190	6920	11245	18210	24580	40530	-
	Breaking Strength (N)	20760	27680	44980	69200	93420	141860	-
	Elongation at MTL (mm/m)	4	4	4	4	4	4	-
Stain-less	Max Traction Load (N)	3175	3970	6745	-	-	-	6745
	Breaking Strength (N)	12700	15880	26995	-	-	-	26995
	Elongation at MTL (mm/m)	3,8	3,8	3,8	-	-	-	3,8

Average values

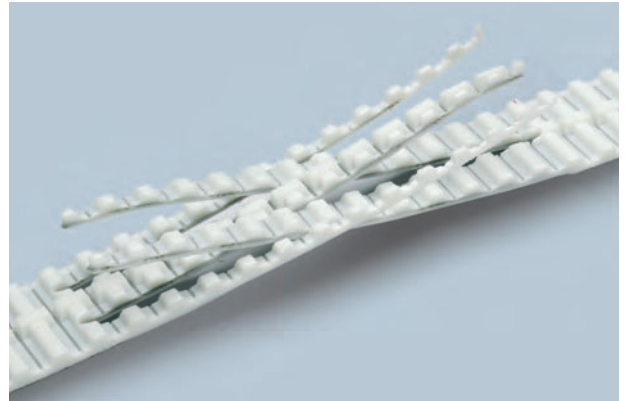
FLEXION RESISTANCE



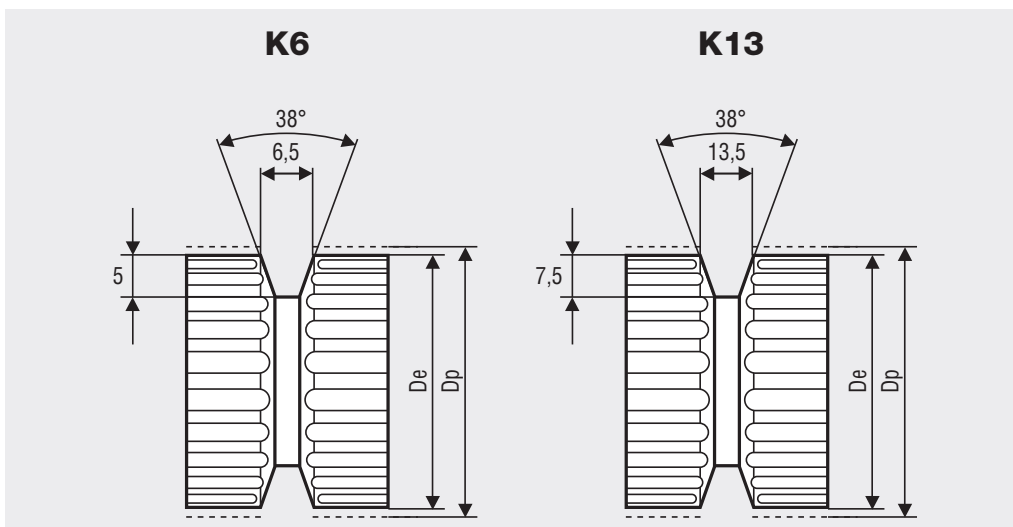
	Z_{min}	Z_{min}	Idler min dia (mm)	Z_{min}	Idler min dia (mm)
Standard steel cords	25	28	120	25	80
Kevlar cords	25	28	120	25	100
High Power cords	40	40	160	40	120
Stainless steel cords	32	34	130	32	130

JOINED BELT INFORMATION

- Minimum splice length 900 mm
- Traction and tooth resistances = 50% less than open-end
- Joined belt can be used only in conveyor systems
- Rolls with NFT, NFB, and AVAFC can be joined too
- Minimum diameters according above table
- For coated belts, minimum diameters on page 120



PULLEYS (for more details please see our pulleys catalogue)



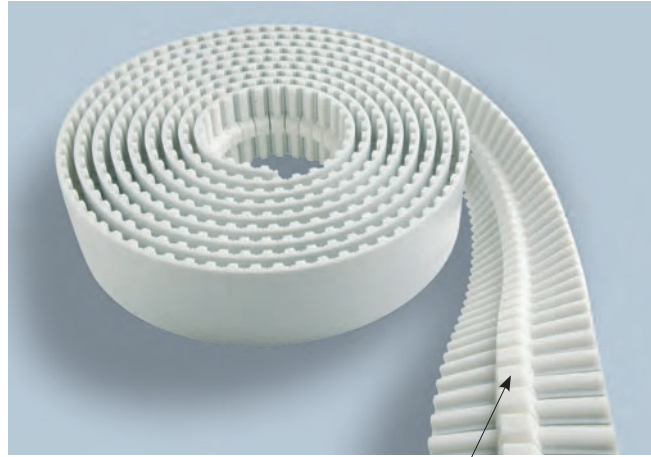
N° Teeth	Dp	De
25	79,58	77,73
27	85,94	84,10
30	95,49	93,65
32	101,86	100,01
36	114,59	112,74
40	127,32	125,48
48	152,79	150,94
60	190,99	189,14

MEGALINEAR ATG20 OPEN-END

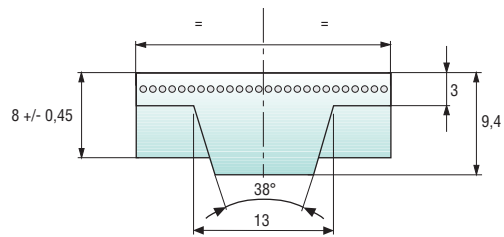
BELT CHARACTERISTICS

STANDARD WIDTHS (mm)	75	150
Weight (gr/m)	795	1500

- Standard compound: **white Polyurethane thermoplastic 92 ShA**
- Standard back cover: **none**
- Standard tooth cover: **none**
- Standard cords: **S and Z torsion zinked steel**
- Standard width tolerance: **+/- 1 mm**
- Standard length tolerance: **+/- 0,8 mm/m**
- Standard roll length: **100 m**
- Belt options on request with minimum quantity:
 - Nylon fabric back
 - Nylon fabric teeth*
 - Antistatic nylon fabric
 - Transparent FDA compound
 - AVAFC 60/70/85 ShA
 - Cleats



notched guide



Different back coating materials see page 120

* Nylon fabric teeth excluding guide (2 fabric strips on teeth only).

TOOTH RESISTANCE

RPM (1/min)	0	20	40	60	80	100	200	300	400	500	750	1000	1500	2000	3000	4000	5000
F _{p spec} (N/cm)	147	144	142	139	137	135	126	119	112	107	97	88	76	67	58	43	35

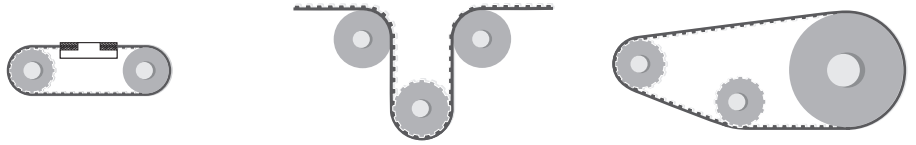
Minimum suggested number of teeth in clamp for linear movement: 7

TRACTION RESISTANCE

Belt width (mm)		75	150
Steel	Max Traction Load (N)	18210	40530
	Breaking Strength (N)	69200	141860
	Elongation at MTL (mm/m)	4	4

Average values

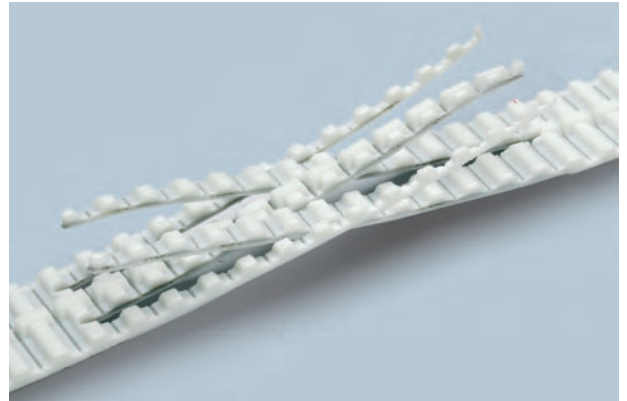
FLEXION RESISTANCE



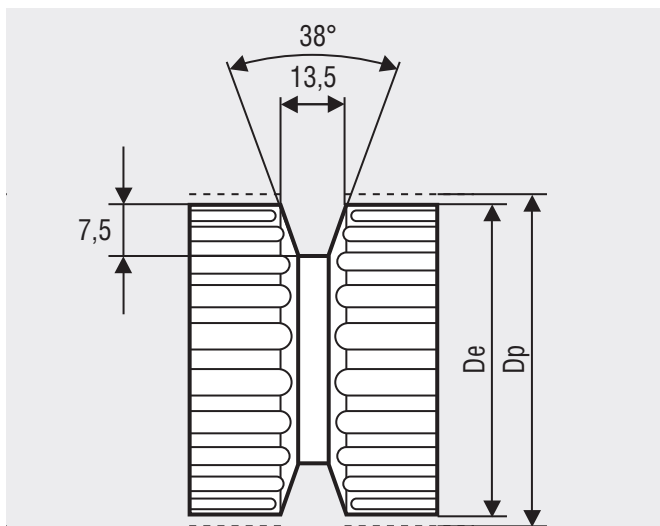
	Z_{min}	Z_{min}	Idler min dia (mm)	Z_{min}	Idler min dia (mm)
Standard steel cords	30	34	180	30	160

JOINED BELT INFORMATION

- Minimum splice length 900 mm
- Traction and tooth resistances = 50% less than open-end
- Joined belt can be used only in conveyor systems
- Rolls with NFT, NFB, and AVAFC can be joined too
- Minimum diameters according above table
- For coated belts, minimum diameters on page 120



PULLEYS (for more details please see our pulleys catalogue)



N° Teeth	Dp	De	N° Teeth	Dp	De
30	190,99	188,13	40	254,65	251,80
32	203,72	200,86	48	305,58	302,73
36	229,18	226,33	60	381,97	379,12