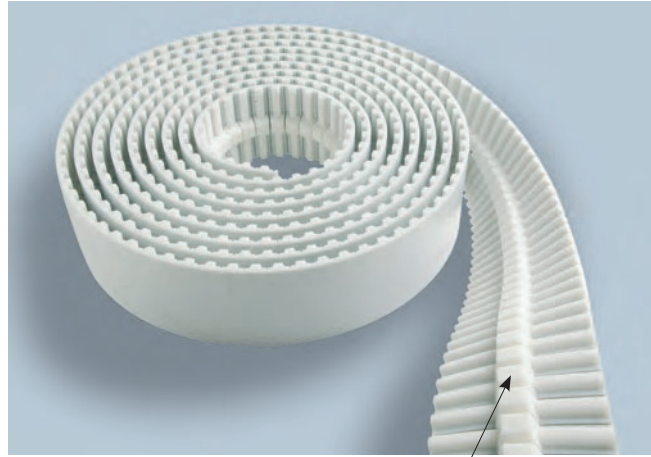


MEGALINEAR TG5 OPEN-END

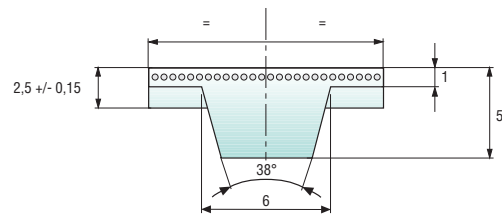
BELT CHARACTERISTICS

STANDARD WIDTHS (mm)	25	32	50
Weight (gr/m)	70	85	120

- 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
 - 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	8000
F _{p spec} (N/cm)	24	23	23	22	22	22	20	19	19	18	17	16	15	14	12	11	11	9

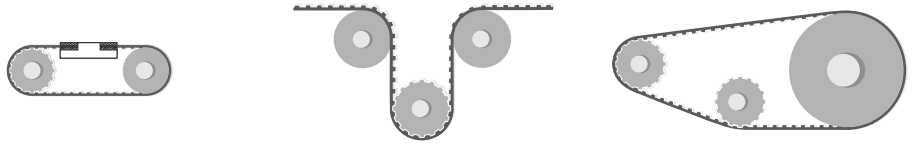
Minimum suggested number of teeth in clamp for linear movement: 7

TRACTION RESISTANCE

Belt width (mm)		25	32	50
Steel	Max Traction Load (N)	840	1060	1750
	Breaking Strength (N)	3375	4250	7000
	Elongation at MTL (mm/m)	4	4	4
Kevlar	Max Traction Load (N)	2225	2800	4615
	Breaking Strength (N)	8900	11210	18465
	Elongation at MTL (mm/m)	8	8	8

Average values

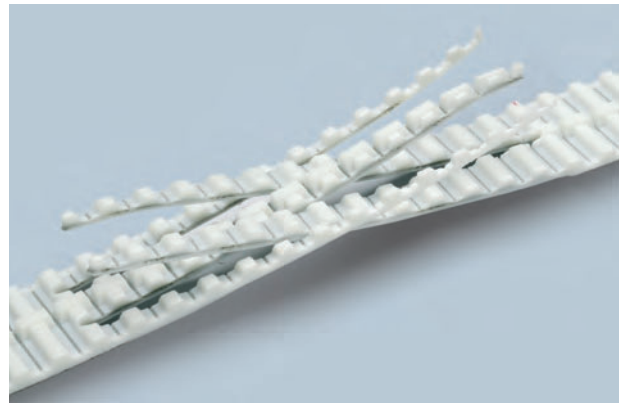
FLEXION RESISTANCE



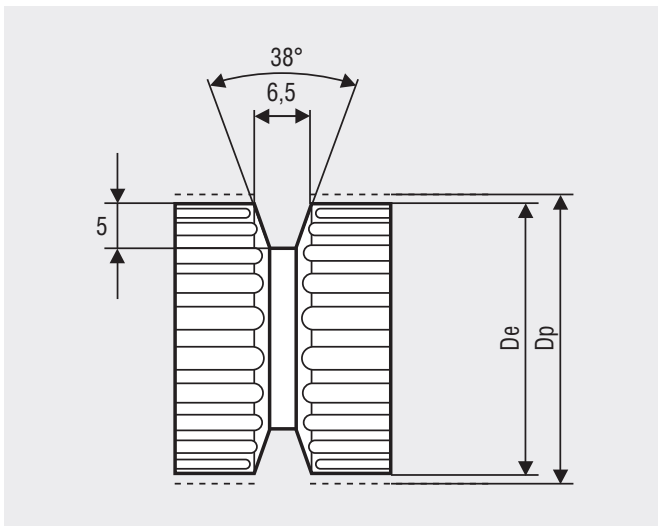
	Z_{min}	Z_{min}	Idler min dia (mm)	Z_{min}	Idler min dia (mm)
Standard steel cords	25	28	80	25	60
Kevlar cords	25	28	80	25	60

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 and NFB 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)



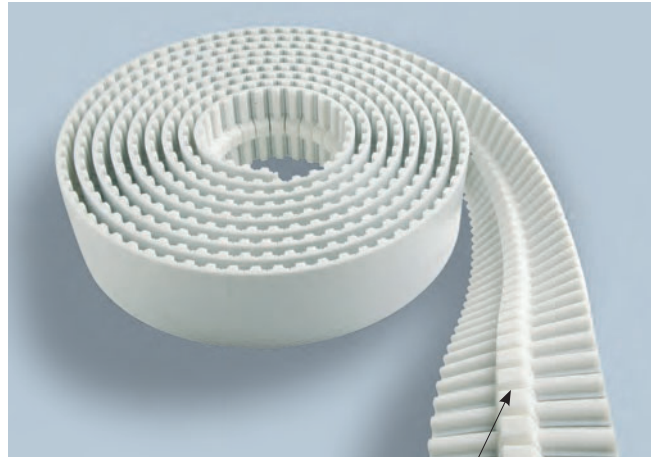
N° Teeth	Dp	De	N° Teeth	Dp	De
25	39,79	38,96	36	57,30	56,47
27	42,97	42,14	40	63,66	62,93
30	47,75	46,92	48	76,39	75,57
32	50,93	50,10	60	95,49	94,67

MEGALINEAR TG10 OPEN-END

BELT CHARACTERISTICS

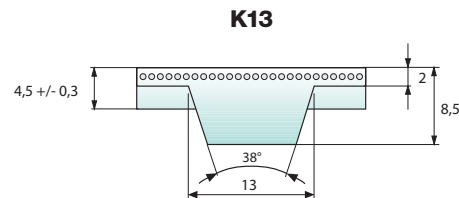
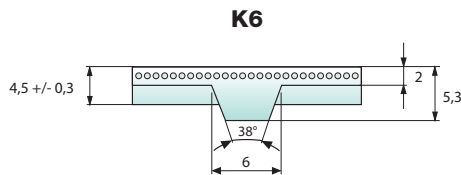
STANDARD WIDTHS (mm)	25TG10K13	32TG10K13	50TG10K13	75TG10K13	100TG10K13	50TG10K6
Weight (gr/m)	190	250	290	390	495	240

- 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)	51	49	48	47	46	45	41	39	37	36	33	31	28	25	22	20	18	14

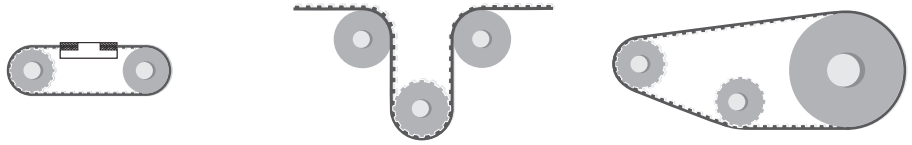
Minimum suggested number of teeth in clamp for linear movement: 7

TRACTION RESISTANCE

Belt width (mm)		25TG10K13	32TG10K13	50TG10K13	75TG10K13	100TG10K13	50TG10K6
Steel	Max Traction Load (N)	2415	3045	5040	8065	10830	5040
	Breaking Strength (N)	9660	12180	20160	30660	41160	20160
	Elongation at MTL (mm/m)	4	4	4	4	4	4
Kevlar	Max Traction Load (N)	2095	2615	4450	7165	9645	4450
	Breaking Strength (N)	8380	10475	17805	27235	36665	17805
	Elongation at MTL (mm/m)	8	8	8	8	8	8
Stainless	Max Traction Load (N)	2190	2760	4570	-	-	4570
	Breaking Strength (N)	8760	11045	18285	-	-	18285
	Elongation at MTL (mm/m)	3,8	3,8	3,8	-	-	3,8

Average values

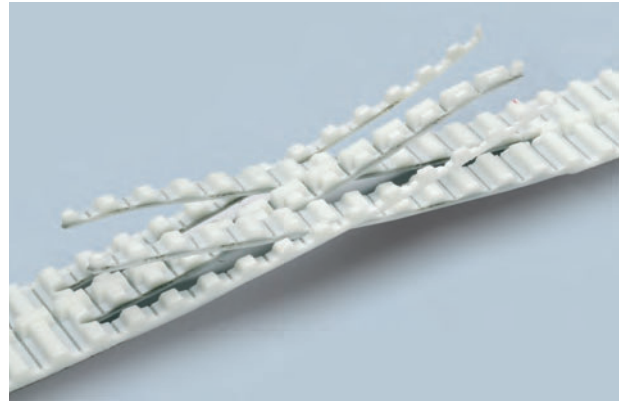
FLEXION RESISTANCE



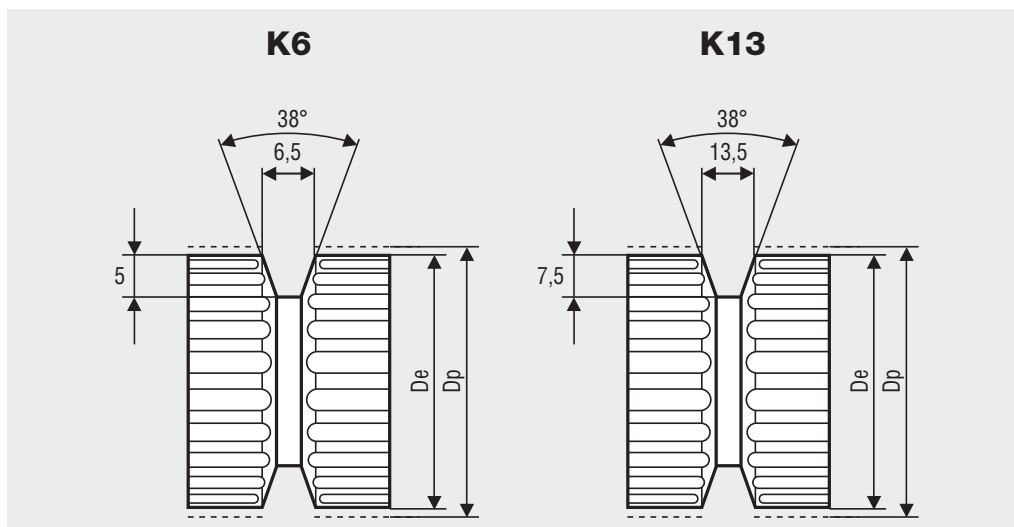
	Z_{min}	Z_{min}	Idler min dia (mm)	Z_{min}	Idler min dia (mm)
Standard steel cords	25	28	80	25	80
Kevlar cords	25	28	80	25	80
Stainless steel cords	31	34	90	31	90

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)



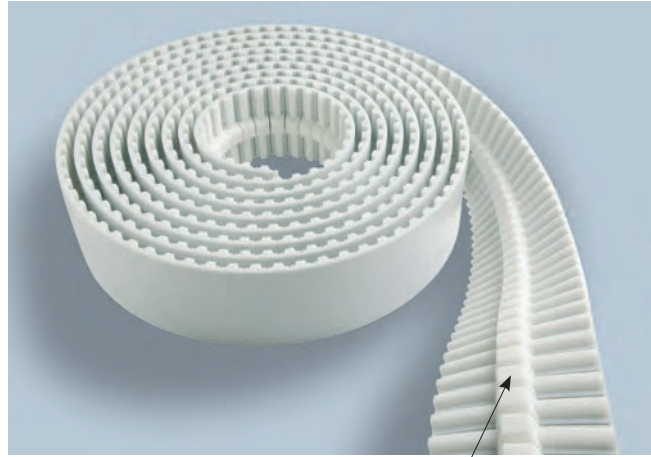
N° Teeth	Dp	De
25	79,58	77,73
27	85,94	84,10
30	95,49	93,65
32	101,86	100,01
36	114,59	112,74
40	127,32	125,48
48	152,79	150,94
60	190,99	189,14

MEGALINEAR TG20 OPEN-END

BELT CHARACTERISTICS

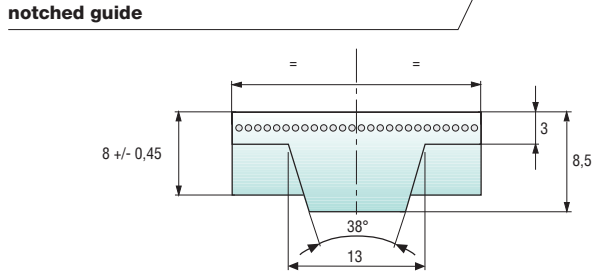
STANDARD WIDTHS (mm)	50	75	100
Weight (gr/m)	375	590	770

- 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
 - Cleats



Different back coating materials see page 120

* 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
$F_{p\ spec}$ (N/cm)	102	98	95	93	91	89	81	76	72	68	62	57	50	45	38	33	29

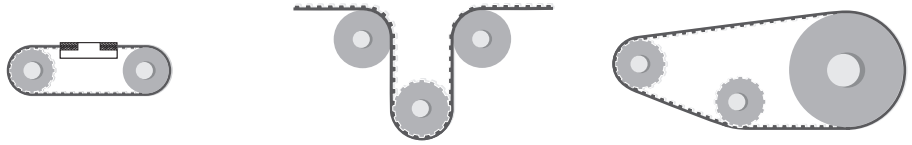
Minimum suggested number of teeth in clamp for linear movement: 7

TRACTION RESISTANCE

Belt width (mm)		50	75	100
Steel	Max Traction Load (N)	8075	13000	17500
	Breaking Strength (N)	32300	49400	66500
	Elongation at MTL (mm/m)	4	4	4
Kevlar	Max Traction Load (N)	10935	17715	23915
	Breaking Strength (N)	43755	67315	90875
	Elongation at MTL (mm/m)	8	8	8

Average values

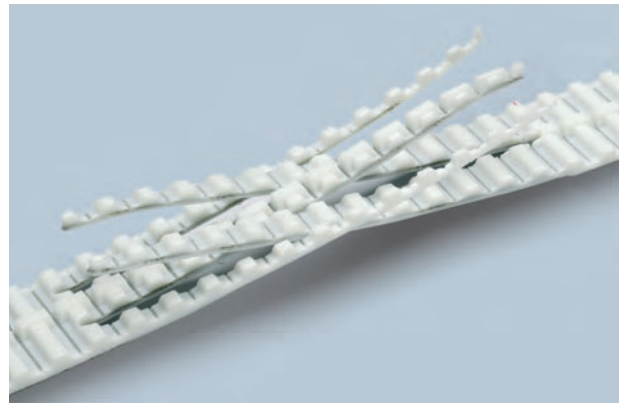
FLEXION RESISTANCE



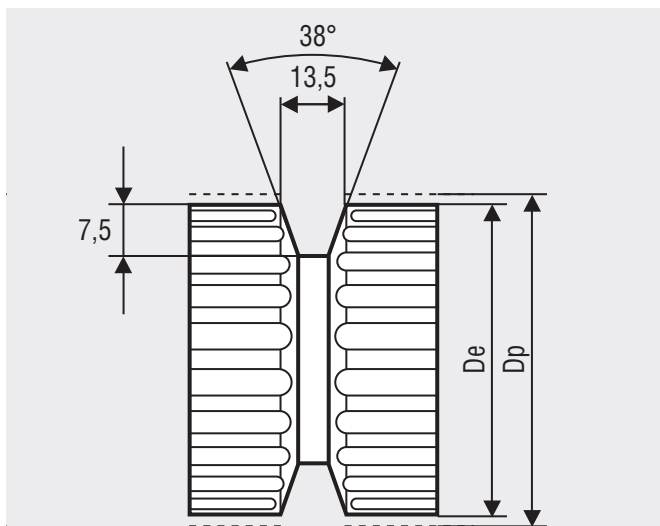
	Z_{min}	Z_{min}	Idler min dia (mm)	Z_{min}	Idler min dia (mm)
Standard steel cords	30	33	140	30	120
Kevlar cords	30	33	140	30	120

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 and NFB 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