

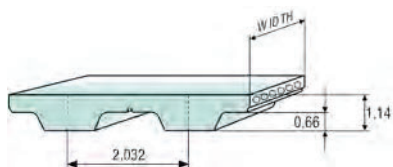
MEGALINEAR

MXL OPEN-ENDED

STANDARD WIDTHS (inch)	017	037	050
STANDARD WIDTHS (mm)	4,318	9,53	12,7
Weight (gr/m)	8	16	24

Standard compound:	white polyurethane thermoplastic 92 ShA
Standard back cover:	none
Standard tooth cover:	none
Standard cords:	S and Z torsion kevlar cords
Standard width tolerance:	+/- 0,38 mm
Standard thickness:	1,14 +/- 0,13 mm
Standard length tolerance:	+/- 0,8 mm/m
Standard roll length:	100 m
Belt options on request with a minimum quantity:	Antistatic compound

TOOTH PROFILE ACCORDING TO ISO 5296-1



TOOTH RESISTANCE

RPM (1/min)	0	20	40	60	80	100	200	300	400	500	750	1000	1500	2000	3000	4000
F _{p spec} (N/cm)	7,3	7	6,8	6,7	6,6	6,4	5,9	5,7	5,4	5,2	4,9	4,6	4,2	4	3,6	3,25

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

TRACTION RESISTANCE

CORD MATERIAL	BELT WIDTH (INCH)	017	037	050
Kevlar®	Max Traction Load (N)	240	450	600
	Breaking Strength (N)	960	1800	2405
	Elongation at MTL (mm/m)	8	8	8

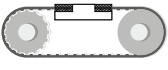
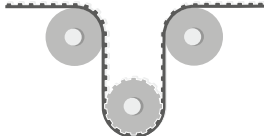
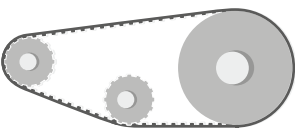
Average values



MEGALINEAR

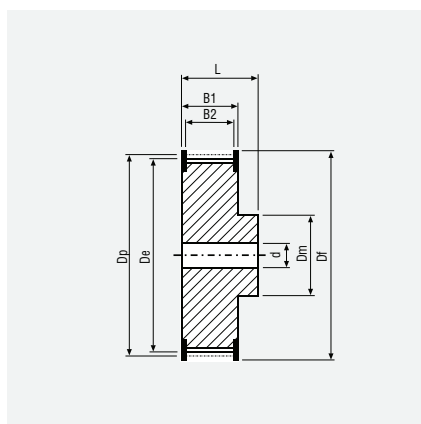
MXL OPEN-ENDED

FLEXION RESISTANCE

			
	Z_{MIN}	Z_{MIN} IDLER MIN DIA (mm)	Z_{MIN} IDLER MIN DIA (mm)
Kevlar® cords	12	15 30	12 20

PULLEYS

(FOR MORE DETAILS, PLEASE SEE OUR PULLEYS CATALOGUE)



N° TEETH	DP	DE
10	6,47	5,96
12	7,76	7,25
13	8,41	7,90
14	9,06	8,55
15	9,70	9,19
16	10,35	9,84
17	11,00	10,49
18	11,64	11,13
19	12,29	11,78
20	12,94	12,43
21	13,58	13,07
22	14,23	13,72
24	15,52	15,01

N° TEETH	DP	DE
26	16,81	16,30
28	18,11	17,60
30	19,40	18,89
32	20,70	20,19
34	21,99	21,48
36	23,29	22,78
40	25,87	25,36
42	27,17	26,66
44	28,46	27,95
48	31,05	30,54
60	38,81	38,30
65	42,04	41,53
72	46,57	46,06



MEGALINEAR

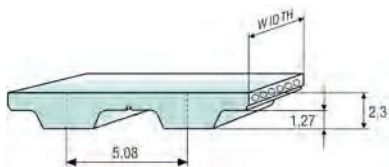
XL OPEN-ENDED

STANDARD WIDTHS (inch)	025	037	050	075	100	150	200
STANDARD WIDTHS (mm)	6,35	9,53	12,7	19,05	25,4	38,1	50,8
Weight (gr/m)	15	20	30	45	60	90	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 thickness	2,3 +/- 0,3 mm
Standard length tolerance	+/- 0,8 mm/m
Standard roll length	100 m

Belt options on request with a minimum quantity	Nylon fabric back Nylon fabric teeth Antistatic nylon fabric Transparent FDA compound AVAFC 60/70/85 ShA APL Cleats
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TOOTH PROFILE ACCORDING TO ISO 5296-1



For different back coating materials see page 134

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)	19	19	18	18	17	17	16	15	15	14	13	13	12	11	10	9	8	7

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

TRACTION RESISTANCE

CORD MATERIAL	BELT WIDTH (INCH)	025	037	050	075	100	150	200
Steel	Max Traction Load (N)	155	250	375	625	840	1310	1750
	Breaking Strength (N)	625	1000	1500	2500	3375	5250	7000
	Elongation at MTL (mm/m)	4	4	4	4	4	4	4
Kevlar®	Max Traction Load (N)	230	370	560	935	1260	1965	2755
	Breaking Strength (N)	935	1495	2245	3740	5050	7860	10480
	Elongation at MTL (mm/m)	8	8	8	8	8	8	8
Stainless	Max Traction Load (N)	125	205	305	515	695	-	-
	Breaking Strength (N)	515	820	1235	2060	2780	-	-
	Elongation at MTL (mm/m)	3,8	3,8	3,8	3,8	3,8	-	-


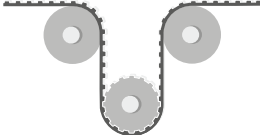
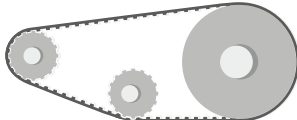
Average values



MEGALINEAR

XL OPEN-ENDED

FLEXION RESISTANCE

			
	Z_{MIN}	Z_{MIN} IDLER MIN DIA (mm)	Z_{MIN} IDLER MIN DIA (mm)
Standard steel cords	10	15 30	10 30
Kevlar® cords	10	15 30	10 20
Stainless steel cords	13	15 35	13 35

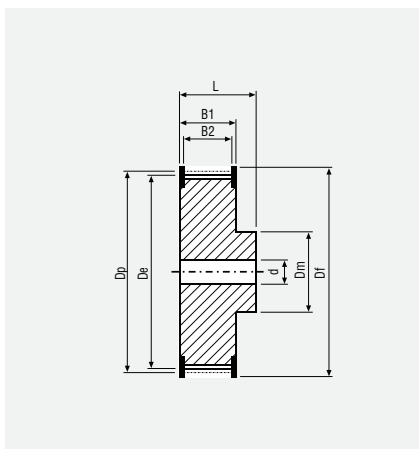
JOINED BELT INFORMATION:



- Minimum splice length 900 mm
- Traction and tooth resistance = 50% less than open-ended
- Joined belt can be used only in conveyor systems
- Rolls with NFT, NFB, AVAFC, and APL can be joined too
- Minimum diameters according above table
- For coated belts, minimum diameters on page 134

PULLEYS

(FOR MORE DETAILS, PLEASE SEE OUR PULLEYS CATALOGUE)



N° TEETH	DP	DE	N° TEETH	DP	DE
10	16,17	15,66	26	42,04	41,53
11	17,79	17,28	27	43,67	43,16
12	19,40	18,89	28	45,28	44,77
13	21,02	20,51	29	46,89	46,38
14	22,64	22,13	30	48,51	48,00
15	24,26	23,75	32	51,74	51,23
16	25,87	25,36	34	54,98	54,47
17	27,49	26,98	35	56,60	56,09
18	29,11	28,60	36	58,21	57,70
19	30,72	30,21	38	61,45	60,94
20	32,34	31,83	39	63,06	62,55
21	33,96	33,45	40	64,68	64,17
22	35,57	35,07	42	67,91	67,40
24	38,81	38,30	44	71,15	70,64



MEGALINEAR

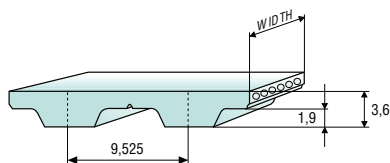
L OPEN-ENDED

STANDARD WIDTHS (inch)	037	050	075	100	150	200	400
STANDARD WIDTHS (mm)	9,53	12,7	19,05	25,4	38,1	50,8	101,6
Weight (gr/m)	35	45	65	90	135	180	325

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 thickness	3,6 +/- 0,3 mm
Standard length tolerance	+/- 0,8 mm/m
Standard roll length	100 m

- Nylon fabric back**
 - Nylon fabric teeth**
 - Antistatic nylon fabric**
 - Transparent FDA compound**
 - AVAFC 60/70/85 ShA**
 - APL**
 - Cleats**
- Belt options on request with a minimum quantity

TOOTH PROFILE ACCORDING TO ISO 5296-1



For different back coating materials see page 134

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)	37	36	35	35	34	33	31	29	28	27	24	23	20	19	16	15	13	11

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

TRACTION RESISTANCE

CORD MATERIAL	BELT WIDTH (INCH)	037	050	075	100	150	200	400
Steel	Max Traction Load (N)	600	800	1340	1805	2810	3750	7500
	Breaking Strength (N)	2410	3215	5360	7235	11255	15005	26260
	Elongation at MTL (mm/m)	4	4	4	4	4	4	4
Kevlar®	Max Traction Load (N)	740	985	1645	2225	3460	4860	9230
	Breaking Strength (N)	2965	3955	6595	8900	13850	18465	32320
	Elongation at MTL (mm/m)	8	8	8	8	8	8	8
Stainless	Max Traction Load (N)	530	705	1180	1590	-	-	-
	Breaking Strength (N)	2120	2830	4724	6370	-	-	-
	Elongation at MTL (mm/m)	3,8	3,8	3,8	3,8	-	-	-


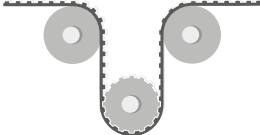
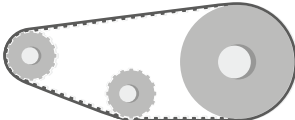
Average values



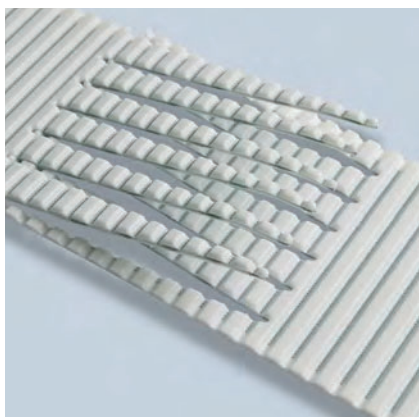
MEGALINEAR

L OPEN-ENDED

FLEXION RESISTANCE

			
	Z_{MIN}	Z_{MIN} IDLER MIN DIA (mm)	Z_{MIN} IDLER MIN DIA (mm)
Standard steel cords	15	20 60	15 60
Kevlar® cords	15	20 60	15 60
Stainless steel cords	18	20 65	18 65

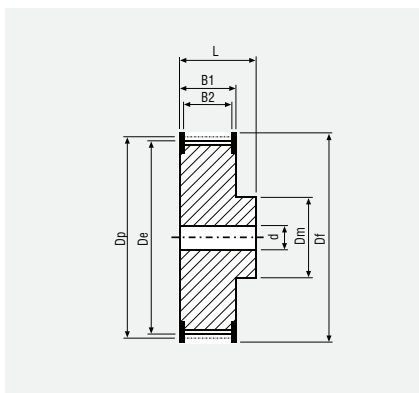
JOINED BELT INFORMATION:



- Minimum splice length 900 mm
- Traction and tooth resistance = 50% less than open-ended
- Joined belt can be used only in conveyor systems
- Rolls with NFT, NFB, AVAFC, and APL can be joined too
- Minimum diameters according above table
- For coated belts, minimum diameters on page 134

PULLEYS

(FOR MORE DETAILS, PLEASE SEE OUR PULLEYS CATALOGUE)



N° TEETH	DP	DE	N° TEETH	DP	DE
15	45,48	44,72	27	81,86	81,10
16	48,51	47,75	28	84,89	84,13
17	51,54	50,78	29	87,93	87,17
18	54,57	53,81	30	90,96	90,20
19	57,61	56,85	32	97,02	96,26
20	60,64	59,88	34	103,08	102,32
21	63,67	62,91	36	109,15	108,39
22	66,70	65,94	40	121,28	120,52
23	69,73	68,97	44	133,40	132,64
24	72,77	72,01	48	145,53	144,76
25	75,80	75,04	56	169,79	169,03
26	78,83	78,07			



MEGALINEAR

H OPEN-ENDED

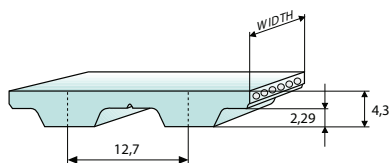
STANDARD WIDTHS (inch)	050	075	100	150	200	300	400	600
STANDARD WIDTHS (mm)	12,7	19,05	25,4	38,1	50,8	76,2	101,6	152,4
Weight (gr/m)	55	80	110	160	215	325	430	645

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 thickness	4,3 +/- 0,3 mm
Standard length tolerance	+/- 0,8 mm/m
Standard roll length	100 m

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

Belt options on request with a minimum quantity

TOOTH PROFILE ACCORDING TO ISO 5296-1



For different back coating materials see page 134

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)	44	43	42	41	40	39	36	34	33	31	29	27	24	22	19	17	16	12

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

TRACTION RESISTANCE

CORD MATERIAL	BELT WIDTH (INCH)	050	075	100	150	200	300	400	600
Steel	Max Traction Load (N)	1050	1785	2415	3675	5040	8065	11760	12480
	Breaking Strength (N)	4200	7140	9660	14700	20160	30660	41160	43680
	Elongation at MTL (mm/m)	4	4	4	4	4	4	4	4
Kevlar®	Max Traction Load (N)	915	1570	2095	3270	4685	7165	10475	15560
	Breaking Strength (N)	3665	6285	8380	13095	17805	27235	36665	54475
	Elongation at MTL (mm/m)	8	8	8	8	8	8	8	8
Stainless	Max Traction Load (N)	950	1615	2190	3330	4570	-	-	-
	Breaking Strength (N)	3810	6475	8760	13335	18285	-	-	-
	Elongation at MTL (mm/m)	3,8	3,8	3,8	3,8	3,8	-	-	-


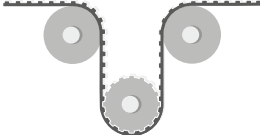
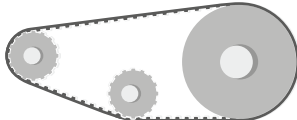
Average values



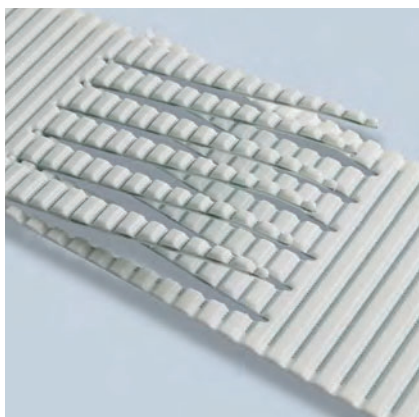
MEGALINEAR

H OPEN-ENDED

FLEXION RESISTANCE

			
	Z_{MIN}	Z_{MIN} IDLER MIN DIA (mm)	Z_{MIN} IDLER MIN DIA (mm)
Standard steel cords	14	20 80	14 60
Kevlar® cords	14	20 80	14 60
Stainless steel cords	18	20 80	18 65

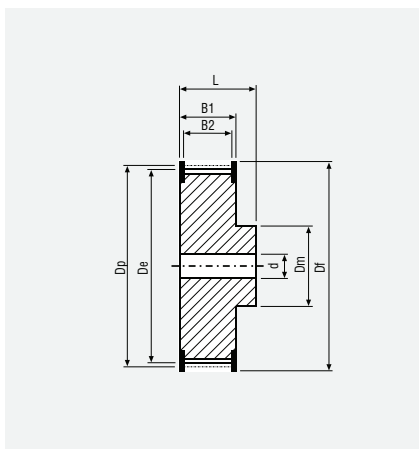
JOINED BELT INFORMATION:



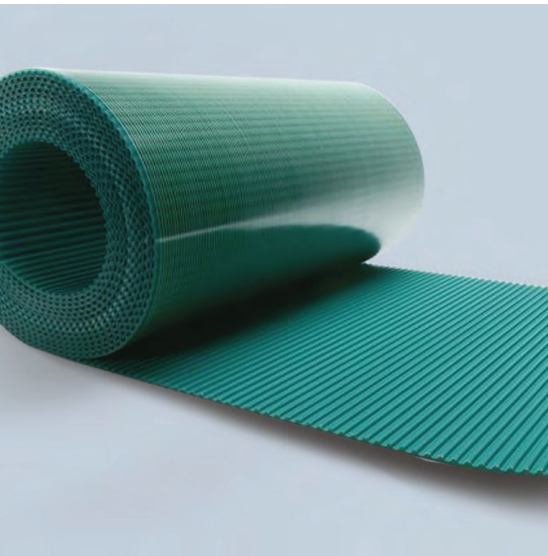
- Minimum splice length 900 mm
- Traction and tooth resistance = 50% less than open-ended
- Joined belt can be used only in conveyor systems
- Rolls with NFT, NFB, AVAFC, and APL can be joined too
- Minimum diameters according above table
- For coated belts, minimum diameters on page 134

PULLEYS

(FOR MORE DETAILS PLEASE SEE OUR PULLEYS CATALOGUE)



N° TEETH	DP	DE	N° TEETH	DP	DE
14	56,60	55,23	28	113,19	111,82
15	60,64	59,27	29	117,23	115,86
16	64,68	63,31	30	121,28	119,91
17	68,72	67,35	32	129,36	127,99
18	72,77	71,40	33	133,40	132,03
19	76,81	75,44	34	137,45	136,08
20	80,85	79,48	35	141,49	140,12
21	84,89	83,52	36	145,53	144,16
22	88,94	87,57	38	153,62	152,25
23	92,98	91,61	40	161,70	160,33
24	97,02	95,65	44	177,87	176,50
25	101,06	99,69	48	194,04	192,67
26	105,11	103,74	52	210,21	208,84
27	109,15	107,78	60	242,55	241,18



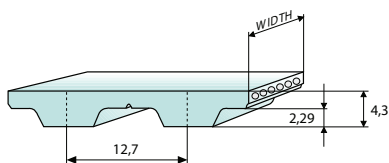
MEGALINEAR

H WIDE OPEN-ENDED

STANDARD WIDTHS (inch)	800	1000	1200	1600	2000
STANDARD WIDTHS (mm)	203,2	254	304,8	406,4	508
Weight (gr/m)	410	510	615	820	1020

Standard compound	transparent polyurethane thermoplastic 92 ShA
Standard back cover	none
Standard tooth cover	none
Standard cords	S and Z torsion Kevlar® at pitch 3,2 mm
Standard width tolerance	+/- 2 mm
Standard thickness	4,3 +/- 0,3 mm
Standard length tolerance	+/- 0,8 mm/m
Standard roll length	100 m
Belt options on request with a minimum quantity	Nylon fabric back Nylon fabric teeth Antistatic nylon fabric Transparent FDA compound

TOOTH PROFILE ACCORDING TO ISO 5296-1



TOOTH RESISTANCE

RPM (1/min)	0	20	40	60	80	100	200	300	400	500	750	1000
F _{p spec} (N/cm)	31	30	29	29	28	27	25	24	23	21	20	19

TRACTION RESISTANCE

CORD MATERIAL	BELT WIDTH (INCH)	800	1000	1200	1600	2000
Kevlar®	Max Traction Load (N)	8530	10475	12570	16910	20950
	Breaking Strength (N)	29855	36665	43995	59185	73330
	Elongation at MTL (mm/m)	8	8	8	8	8

Average values

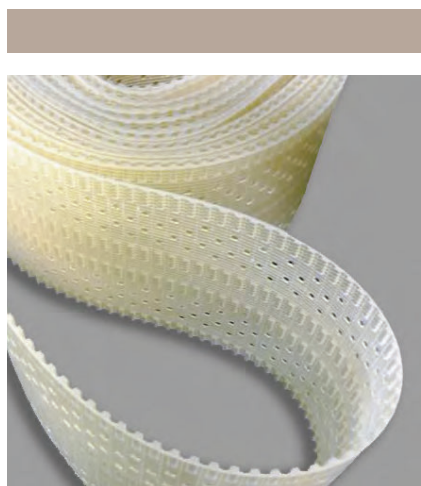


MEGALINEAR

H WIDE OPEN-ENDED

FLEXION RESISTANCE

	Z_{MIN}	IDLER MIN DIA (mm)	Z_{MIN}	IDLER MIN DIA (mm)
Kevlar® cords	20	80	14	60

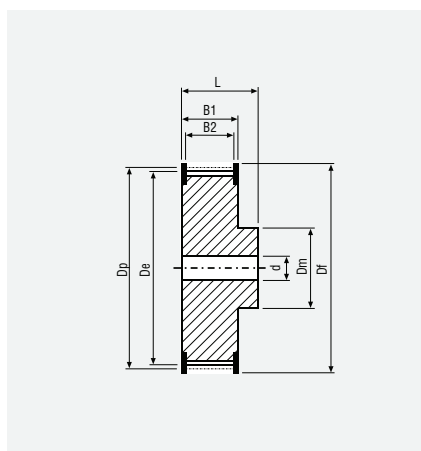


JOINED BELT INFORMATION:

- Traction and tooth resistance = 50% less than open-ended
- Joined belt can be used only in conveyor systems
- Rolls with NFT, and NFB can be joined too
- Minimum diameters according above table

PULLEYS

(FOR MORE DETAILS PLEASE SEE OUR PULLEYS CATALOGUE)



N° TEETH	DP	DE	N° TEETH	DP	DE
14	56,60	55,23	28	113,19	111,82
15	60,64	59,27	29	117,23	115,86
16	64,68	63,31	30	121,28	119,91
17	68,72	67,35	32	129,36	127,99
18	72,77	71,40	33	133,40	132,03
19	76,81	75,44	34	137,45	136,08
20	80,85	79,48	35	141,49	140,12
21	84,89	83,52	36	145,53	144,16
22	88,94	87,57	38	153,62	152,25
23	92,98	91,61	40	161,70	160,33
24	97,02	95,65	44	177,87	176,50
25	101,06	99,69	48	194,04	192,67
26	105,11	103,74	52	210,21	208,84
27	109,15	107,78	60	242,55	241,18



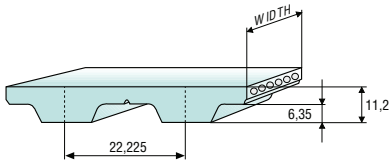
MEGALINEAR

XH OPEN-ENDED

STANDARD WIDTHS (inch)	100	150	200	300	400	600
STANDARD WIDTHS (mm)	25,4	38,1	50,8	76,2	101,6	152,4
Weight (gr/m)	250	400	530	795	1060	1625

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 thickness	11,2 +/- 0,5 mm
Standard length tolerance	+/- 0,8 mm/m
Standard roll length	100 m

TOOTH PROFILE ACCORDING TO ISO 5296-1



Belt options on request with a minimum quantity

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

For different back coating materials see page 134

TOOTH RESISTANCE

RPM (1/min)	0	20	40	60	80	100	200	300	400	500	750	1000	1500	2000	3000	4000
F _{p spec} (N/cm)	115	111	108	105	103	101	92	86	81	78	70	65	57	51	43	37

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

TRACTION RESISTANCE

CORD MATERIAL	BELT WIDTH (INCH)	100	150	200	300	400	600
Steel	Max Traction Load (N)	3800	5935	8075	13000	19000	28225
	Breaking Strength (N)	15200	23750	32300	49400	66500	98800
	Elongation at MTL (mm/m)	4	4	4	4	4	4
Kevlar®	Max Traction Load (N)	5045	7990	11515	17715	25965	39425
	Breaking Strength (N)	20195	31975	43755	67315	90875	138000
	Elongation at MTL (mm/m)	8	8	8	8	8	8
Stainless	Max Traction Load (N)	3175	4960	6745	-	-	-
	Breaking Strength (N)	12700	19850	26995	-	-	-
	Elongation at MTL (mm/m)	3,8	3,8	3,8	-	-	-


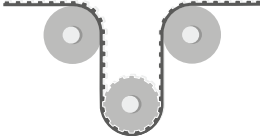
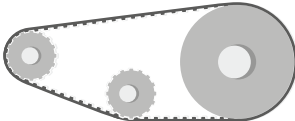
Average values



MEGALINEAR

XH OPEN-ENDED

FLEXION RESISTANCE

			
	Z_{MIN}	Z_{MIN} IDLER MIN DIA (mm)	Z_{MIN} IDLER MIN DIA (mm)
Standard steel cords	18	20 180	18 150
Kevlar® cords	18	20 180	18 150
Stainless steel cords	23	25 180	23 165

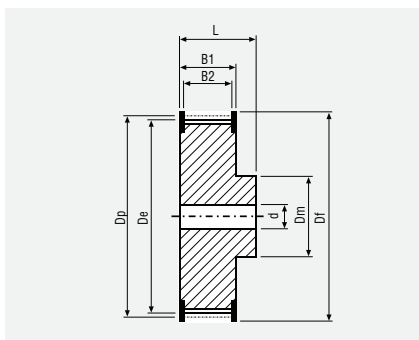
JOINED BELT INFORMATION:



- Minimum splice length 900 mm
- Traction and tooth resistance = 50% less than open-ended
- Joined belt can be used only in conveyor systems
- Rolls with NFT, NFB, AVAFC, and APL can be joined too
- Minimum diameters according above table
- For coated belts, minimum diameters on page 134

PULLEYS

(FOR MORE DETAILS PLEASE SEE OUR PULLEYS CATALOGUE)



N° TEETH	DP	DE	N° TEETH	DP	DE
18	127,34	124,55	40	282,98	280,19
20	141,49	138,70	44	311,28	308,48
22	155,64	152,83	48	339,57	336,78
24	169,79	167,00	60	424,47	421,68
26	183,92	181,13	72	509,36	506,57
28	198,08	195,29	84	594,25	591,46
30	212,23	209,44	96	679,15	676,35
32	226,38	223,59	120	848,93	846,14