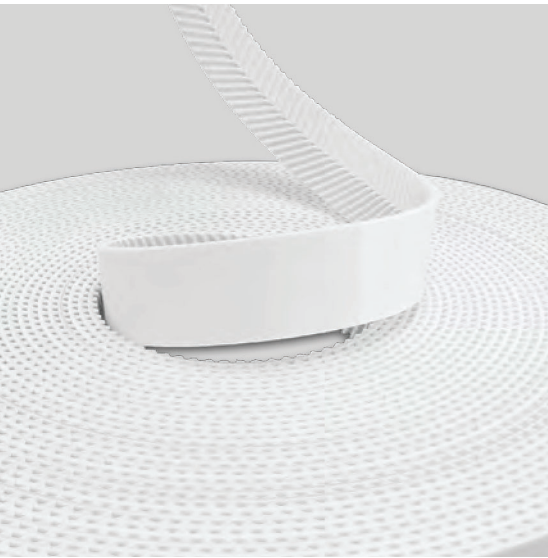


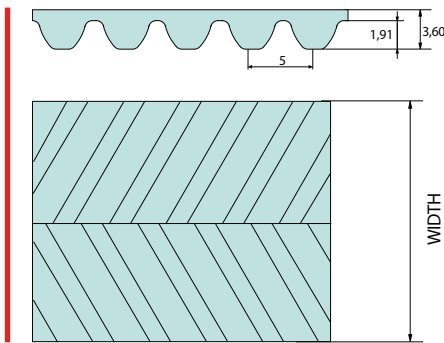
MEGALINEAR

QST5 OPEN-ENDED



STANDARD WIDTHS (mm)	12	24
Weight (gr/m)	60	120

Standard compound	white polyurethane thermoplastic 92 ShA
Standard back cover	none
Standard tooth cover	nylon fabric (NFT)
Standard cords	S and Z torsion zinked steel
Standard width tolerance	-/+ 0,5 mm
Standard length tolerance	-/+ 0,5 mm/m
Standard roll length	100 m
Standard thickness tolerance	-/+ 0,2



For different back coating materials see on page 134

Please ask about feasibility to our customer service or OEM team

TOOTH RESISTANCE

RPM (1/min)	0	20	40	60	80	100	200	300	400	500	750
F _{p spec} (N/cm)	38	37	37	36	36	35	34	33	32	31	30

TOOTH RESISTANCE (CONT.)

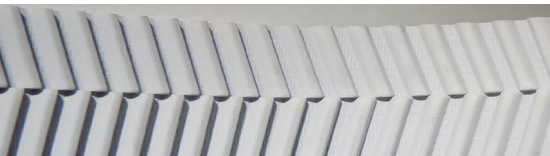
RPM (1/min)	1000	1250	1500	1750	2000	2500	3000	3500	4000	5000	8000
F _{p spec} (N/cm)	28	27	26	25	24	22	21	19	19	17	11

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

TRACTION RESISTANCE

CORD MATERIAL	BELT WIDTH (mm)	12	24
Steel	Max Traction Load (N)	1135	2497
	Breaking Strength (N)	4200	9240
	Elongation at MTL (mm/m)	4	4

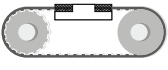
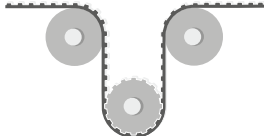
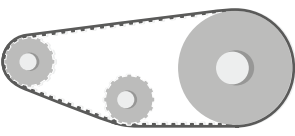
Average values

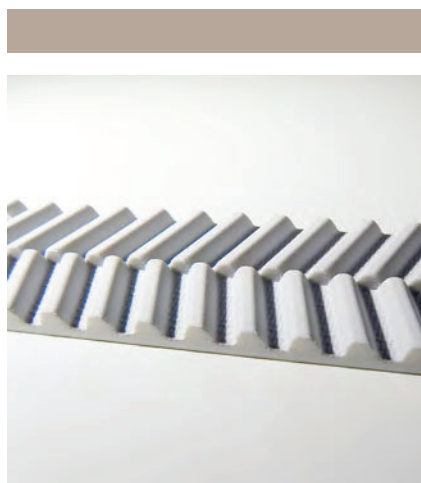


MEGALINEAR

QST5 OPEN-ENDED

FLEXION RESISTANCE

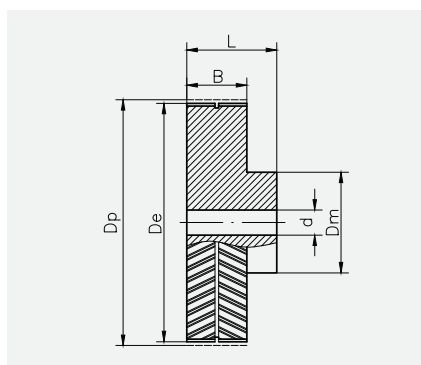
			
	Z_{MIN}	Z_{MIN} IDLER MIN DIA (mm)	Z_{MIN} IDLER MIN DIA (mm)
Standard steel cords	16	25 60	16 30



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, and AVAFC can be joined too
- Minimum diameters according above table
- For coated belts, minimum diameters on page 134

PULLEYS

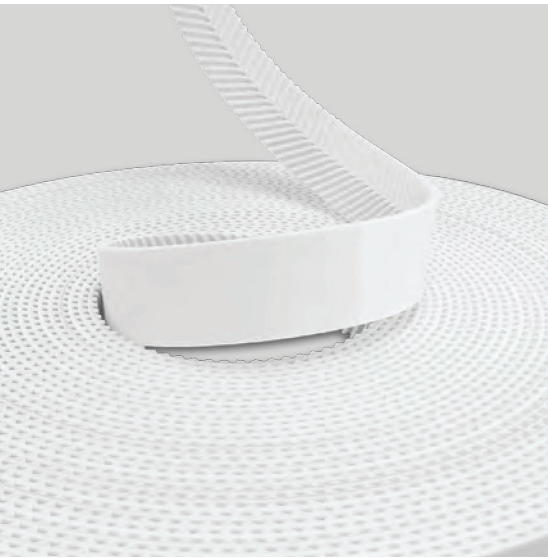


N° TEETH	DP	DE
16	25,46	24,32
18	28,65	27,5
20	31,83	30,69
21	33,42	32,28
22	35,01	33,87
24	38,2	37,05
26	41,38	40,24
28	44,56	43,42

N° TEETH	DP	DE
30	47,75	46,6
32	50,93	49,79
36	57,3	56,15
40	63,66	62,52
44	70,03	68,89
48	76,39	75,25
60	95,49	94,35
72	114,59	113,45

MEGALINEAR

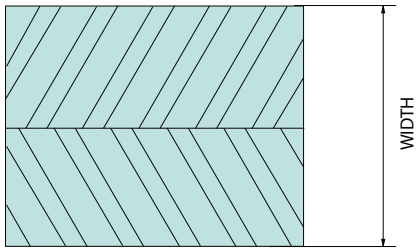
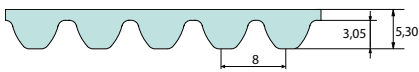
QST8 OPEN-ENDED



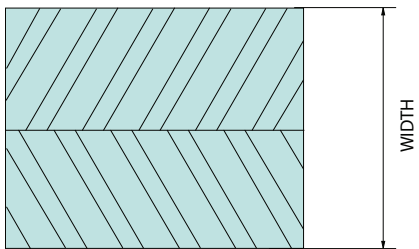
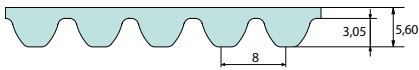
STANDARD WIDTHS (mm)	16	25	32	50
Weight (gr/m)	85	145	180	300

Standard compound	white polyurethane thermoplastic 92 ShA
Standard back cover	none
Standard tooth cover	nylon fabric (NFT)
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
Standard thickness tolerance	-/+ 0,3

STEEL CORDS



HP



For different back coating materials see on page 134

Please ask about feasibility to our customer service or OEM team

TOOTH RESISTANCE

RPM (1/min)	0	20	40	60	80	100	200	300	400	500	750
$F_{p\ spec}$ (N/cm)	85	83	82	81	80	79	75	71	68	66	61

TOOTH RESISTANCE (CONT.)

RPM (1/min)	1000	1250	1500	1750	2000	2500	3000	3500	4000	5000	8000
$F_{p\ spec}$ (N/cm)	57	54	51	48	46	43	40	37	35	31	23

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

HP cords minimum suggested number of teeth in clamp 10

TRACTION RESISTANCE

CORD MATERIAL	BELT WIDTH (mm)	16	25	32**	50**
Steel	Max Traction Load (N)	2610	4275	5460	8785
	Breaking Strength (N)	10450	17100	21850	35150
	Elongation at MTL (mm/m)	4	4	4	4
HP	Max Traction Load (N)	3740	6545	8415	14025
	Breaking Strength (N)	13840	24220	31140	51900
	Elongation at MTL (mm/m)	4	4	4	4

Average values

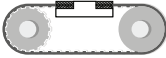
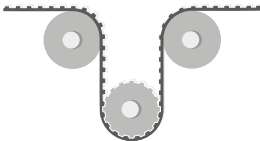
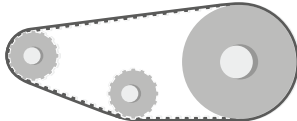
**HP VERSION Under construction

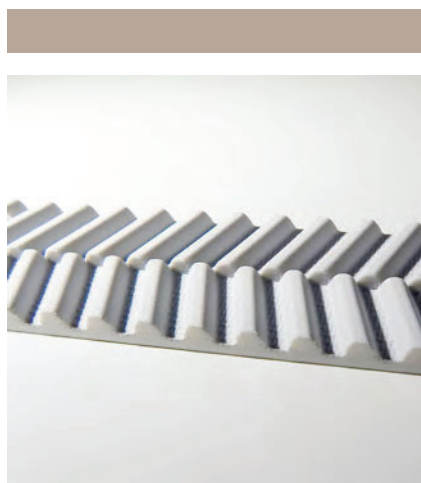


MEGALINEAR

QST8 OPEN-ENDED

FLEXION RESISTANCE

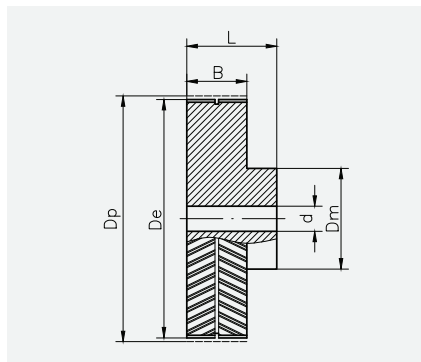
			
	Z_{MIN}	Z_{MIN} IDLER MIN DIA (mm)	Z_{MIN} IDLER MIN DIA (mm)
Standard steel cords	20	30 120	20 50
High-power cords	30	32 150	30 80



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, and AVAFC can be joined too
- Minimum diameters according above table
- For coated belts, minimum diameters on page 134

PULLEYS

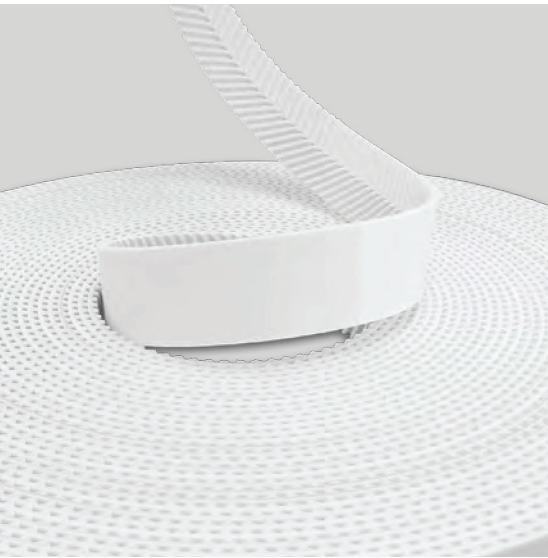


N° TEETH	DP	DE
18	45,84	44,47
22	56,02	54,65
24	61,12	59,75
26	66,21	64,84
28	71,3	69,93
30	76,4	75,03
32	81,49	80,12
34	86,58	85,21

N° TEETH	DP	DE
36	91,68	90,3
38	96,77	95,4
40	101,86	100,49
44	112,05	110,68
48	122,23	120,86
52	132,42	131,05
60	152,79	151,42

MEGALINEAR

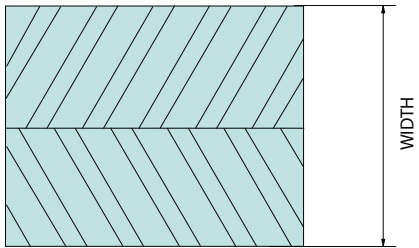
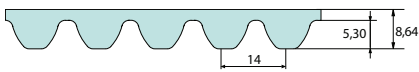
QST14 OPEN-ENDED



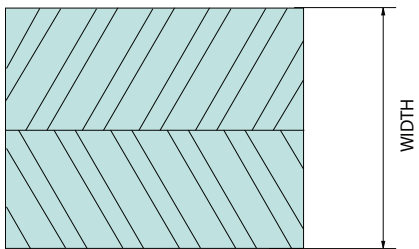
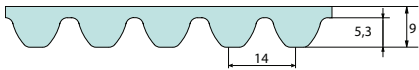
STANDARD WIDTHS (mm)	35	52,5	70	105
Weight (gr/m)	400	600	800	1200

Standard compound	white polyurethane thermoplastic 92 ShA
Standard back cover	none
Standard tooth cover	nylon fabric (NFT)
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
Standard thickness tolerance	-/+ 0,4

STEEL CORDS



XHP CORDS



For different back coating materials see on page 134

Please ask about feasibility to our customer service or OEM team

TOOTH RESISTANCE

RPM (1/min)	0	20	40	60	80	100	200	300	400	500
F _{p spec} (N/cm)	160	157	154	152	149	147	137	130	122	117

TOOTH RESISTANCE (CONT.)

RPM (1/min)	750	1000	1250	1500	1750	2000	2500	3000	3500	4000
F _{p spec} (N/cm)	105	96	89	83	77	72	64	57	50	47

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

XHP cords minimum suggested number of teeth in clamp 10

TRACTION RESISTANCE

CORD MATERIAL	BELT WIDTH (mm)	35	52,5	70**	105**
Steel	Max Traction Load (N)	11200	17680	23575	36210
	Breaking Strength (N)	44800	67200	89600	137600
	Elongation at MTL (mm/m)	4	4	4	4
XHP	Max Traction Load (N)	15155	26525	34105	53050
	Breaking Strength (N)	57600	100800	129600	201600
	Elongation at MTL (mm/m)	4	4	4	4

Average values

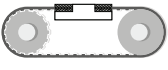
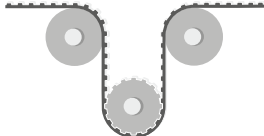
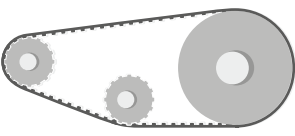
**XHP VERSION Under construction

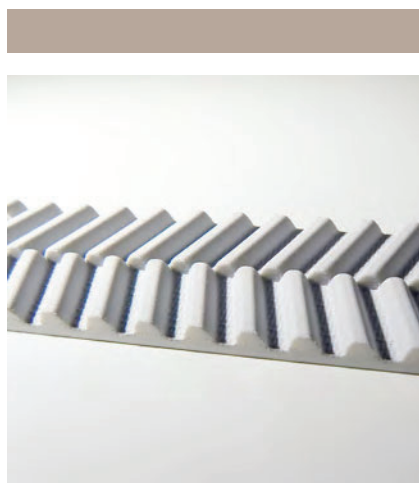


MEGALINEAR

QST14 OPEN-ENDED

FLEXION RESISTANCE

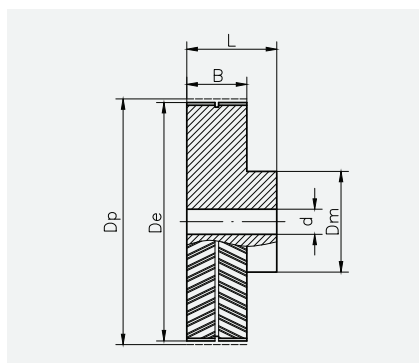
			
	Z_{MIN}	Z_{MIN} IDLER MIN DIA (mm)	Z_{MIN} IDLER MIN DIA (mm)
Standard steel cords	32	32 200	32 140
Extra high-power cords	32	32 200	32 140



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, and AVAFC can be joined too
- Minimum diameters according above table
- For coated belts, minimum diameters on page 134

PULLEYS



N° TEETH	DP	DE
32	142,61	139,81
34	151,52	148,73
36	160,43	157,64
38	169,35	166,55
40	178,26	175,46
48	213,91	211,12