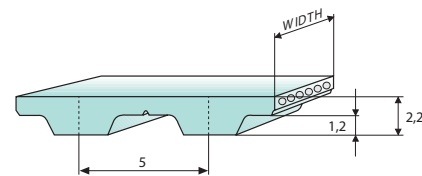
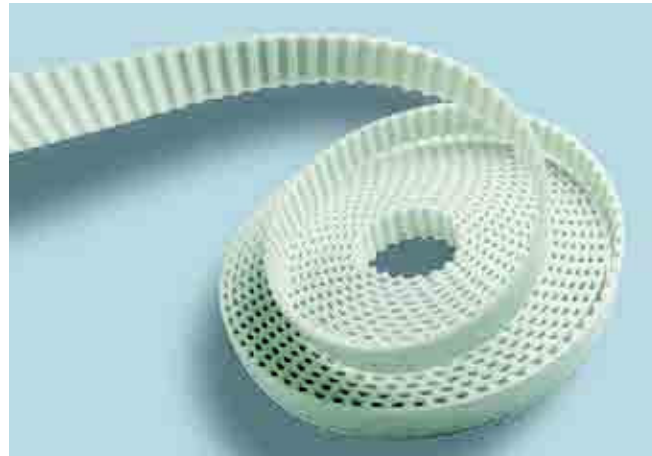


# MEGALINEAR T5 OPEN-END

## BELT CHARACTERISTICS

STANDARD WIDTHS (mm)	6	10	16	25	32	50	75	100	150
Weight (gr/m)	15	20	35	55	70	105	160	215	330

- 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: **2,2 +/- 0,15 mm**
- Standard thickness with NFT-NFB: **2,4 +/- 0,15 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
  - APL
  - Fishbone
  - Ribbed
  - Cleats



Different back coating materials see page 118

TOOTH PROFILE ACCORDING ISO 17396

## TOOTH RESISTANCE

RPM (1/min)	0	20	40	60	80	100	200	300	400	500	750	1000	1500	2000	3000	4000	5000	8000
F <sub>p spec</sub> (N/cm)	<b>24</b>	<b>23</b>	<b>23</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>20</b>	<b>19</b>	<b>19</b>	<b>18</b>	<b>17</b>	<b>16</b>	<b>15</b>	<b>14</b>	<b>12</b>	<b>11</b>	<b>11</b>	<b>9</b>

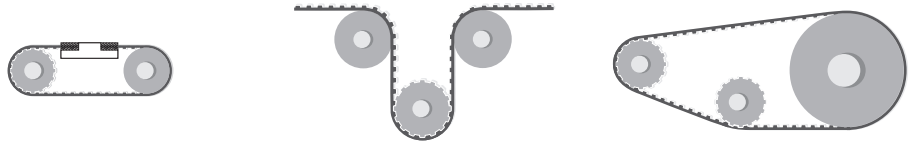
Minimum suggested number of teeth in clamp for linear movement: 7

## TRACTION RESISTANCE

Belt width (mm)		6	10	16	25	32	50	75	100	150
Steel	Max Traction Load (N)	185	375	500	840	1060	1750	2400	3220	3640
	Breaking Strength (N)	750	1500	2000	3375	4250	7000	9125	12250	12750
	Elongation at MTL (mm/m)	4	4	4	4	4	4	4	4	4
Kevlar	Max Traction Load (N)	395	795	1060	1795	2260	3720	5110	6860	7750
	Breaking Strength (N)	1595	3190	4255	7180	9040	14895	19415	26065	27130
	Elongation at MTL (mm/m)	8	8	8	8	8	8	8	8	8
HP	Max Traction Load (N)	–	585	780	1315	1655	2730	3745	5025	–
	Breaking Strength (N)	–	2340	3120	5265	6630	10920	14235	19110	–
	Elongation at MTL (mm/m)	–	4	4	4	4	4	4	4	–
HF	Max Traction Load (N)	–	490	655	1105	1390	2295	3150	4225	–
	Breaking Strength (N)	–	1965	2620	4425	5575	9180	11970	16070	–
	Elongation at MTL (mm/m)	–	5	5	5	5	5	5	5	–
Stainless	Max Traction Load (N)	105	210	285	480	–	–	–	–	–
	Breaking Strength (N)	425	855	1140	1920	–	–	–	–	–
	Elongation at MTL (mm/m)	3,8	3,8	3,8	3,8	–	–	–	–	–

Average values

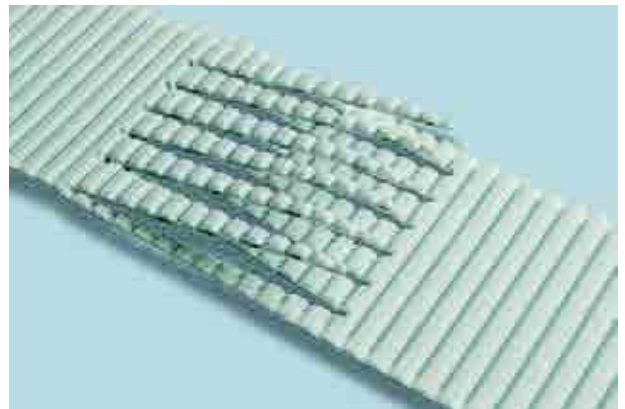
## FLEXION RESISTANCE



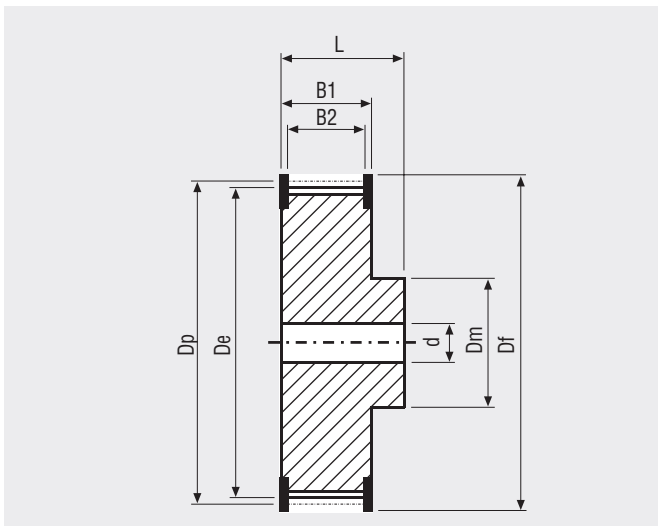
	$Z_{min}$	$Z_{min}$	Idler min dia (mm)	$Z_{min}$	Idler min dia (mm)
Standard steel cords	10	15	30	10	30
Kevlar cords	12	15	30	12	30
High Power cords	15	15	40	15	60
High Flexibility cords	10	12	30	10	30
Stainless steel cords	15	18	40	15	40

## JOINED BELT INFORMATIONS

- 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, AVAFC and APL can be joined too
- Minimum diameters according above table
- For coated belts, minimum diameters on page 118



## PULLEYS (for more details please see our pulleys catalogue)



N° Teeth	Dp	De	N° Teeth	Dp	De
10	15,92	15,09	25	39,79	38,96
12	19,10	18,27	28	44,56	43,73
14	22,28	21,45	30	47,75	46,92
15	23,87	23,04	32	50,93	50,10
16	25,46	24,64	36	57,30	56,47
18	28,65	27,82	40	63,66	62,93
19	30,24	29,41	42	66,85	66,02
20	31,83	31,00	44	70,03	69,20
22	35,01	34,19	48	76,39	75,57
24	38,20	37,37	60	95,49	94,67