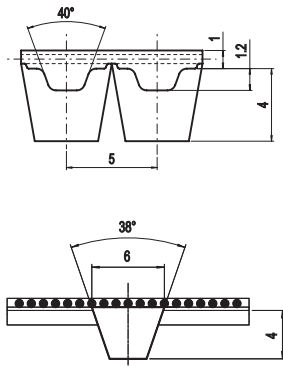


TK5 - K6



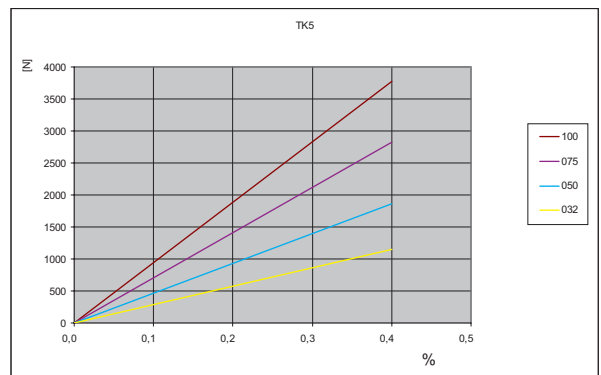
Belt characteristics

- Polyurethane self tracking timing belt with steel tension cords
- Profile T5 with central guide - K6 x 4 mm
- Central guide height 4,0 mm
- Allow to use pulleys without flanges
- The central guide is notched in order to maximize belt flexibility
- Ideal for conveying applications where a side load is generated by loading/unloading transferring a product

Technical data

Belt width b [mm]	Allowable tensile load Type M F_{Tzul} [N]	Allowable tensile load Type V F_{Tzul} [N]	Breaking load Type M F_{Br} [N]	Specific spring rate C_{spez} [N]	Weight [kg/m]
032	1150	575	4500	287500	0,08
050	1860	930	7250	465000	0,13
075	2820	1410	11000	705000	0,20
100	3780	1890	14750	945000	0,26

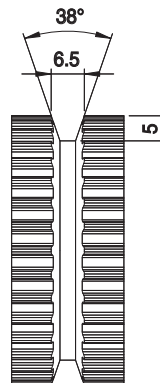
Load / Elongation [%]



Specialties

PROFILE	Belt width b [mm]	ARAMID CORD	
		F_{Tzul} [N] M type	F_{Br} [N]
TK5	032	2520	10080
	050	4060	16240
	075	6160	24640
	100	8260	33040

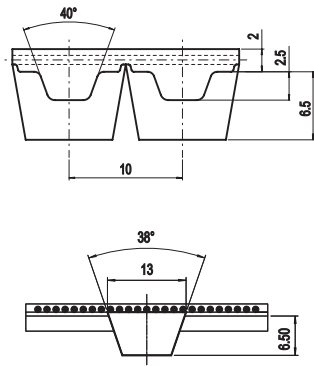
Pulley profile



Flexibility

Minimum number of teeth and minimum diameter			
PROFILE	TK5	TYPE OF CORD	
		STANDARD	ARAMID
 Drive without reverse bending	Timing pulley z_{min}	25	25
	Idler running on belt teeth d_{min}	60 mm	60 mm
 Drive with reverse bending	Timing pulley z_{min}	25	25
	Idler running on belt back d_{min}	80 mm	80 mm

TK10 - K13



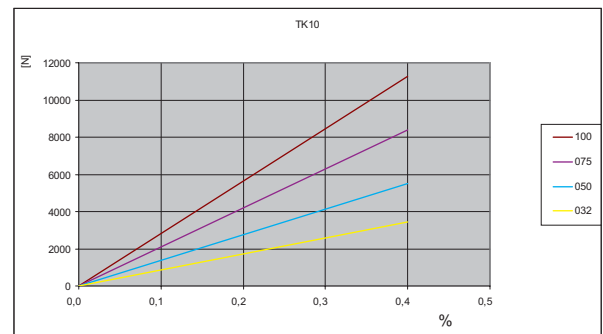
Belt characteristics

- Polyurethane self track timing belt with steel tension cords
- Profile T10 with central guide - K13 x 6,5
- Central guide height 6,5 mm
- Allow to use pulleys without flanges
- The central guide is notched in order to maximize belt flexibility
- Ideal for conveying applications where a side load is generated by loading/unloading transferring a product

Technical data

Belt width b [mm]	Allowable tensile load Type M F_{Tzul} [N]	Allowable tensile load Type V F_{Tzul} [N]	Breaking load Type M F_{Br} [N]	Specific spring rate C_{spez} [N]	Weight [kg/m]
032	3450	1725	12600	862500	0,22
050	5520	2760	20160	1380000	0,30
075	8400	4200	30660	2100000	0,41
100	11270	5635	41160	2817500	0,53

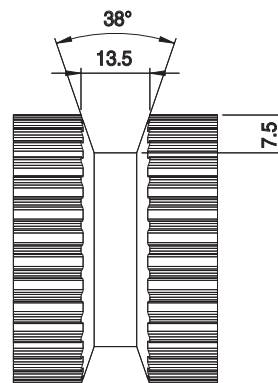
Load / Elongation [%]



Specialties

PROFILE	Belt width b [mm]	ARAMID CORD	
		F_{Tzul} [N] M type	F_{Br} [N]
TK10	032	3300	13500
	050	5280	21600
	075	8030	32850
	100	10780	44100

Pulley profile



Flexibility

Minimum pulley number of teeth and minimum idler diameter			
PROFILE	TK10	TYPE OF CORD	
		STANDARD	ARAMID
Drive without reverse bending 	Timing pulley z_{min}	25	25
	Idler running on belt teeth d_{min}	80 mm	80 mm
Drive with reverse bending 	Timing pulley z_{min}	25	25
	Idler running on belt back d_{min}	80 mm	80 mm