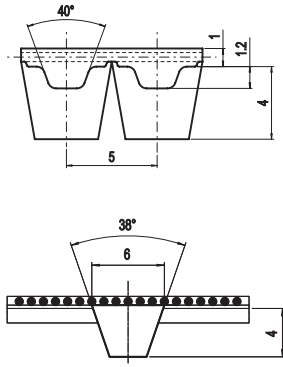


TK5 - K6



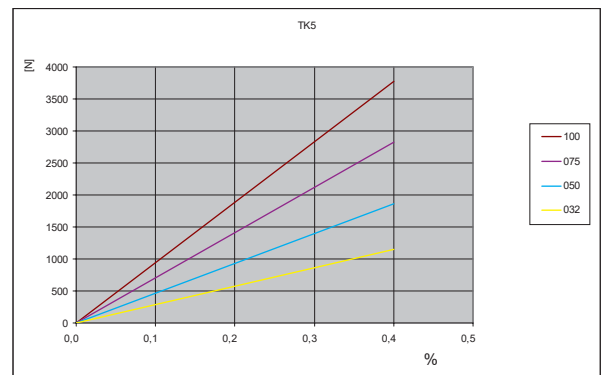
Belt characteristics

- 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

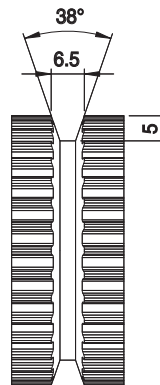
Load / Elongation [%]



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
	Timing pulley z_{min}	25	25
	Idler running on belt teeth d_{min}	60 mm	60 mm
	Timing pulley z_{min}	25	25
	Idler running on belt back d_{min}	80 mm	80 mm