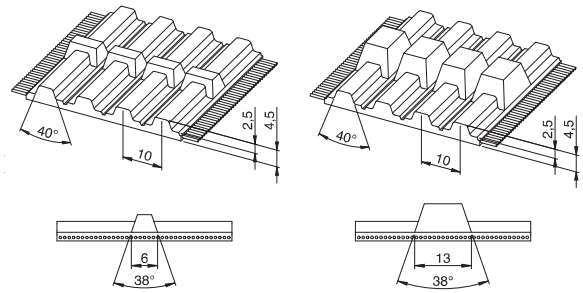


BELT CHARACTERISTICS

- Polyurethane self tracking timing belt with steel tension cords
- Tooth profile according to ISO 17396
- Profile T10 with central guide - K13 x 6,5 mm (+0/-1)
- Profile T10 with central guide - K6 x 4,0 mm (+0/-1)
- 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



STANDARD TOLERANCES

WIDTH TOLERANCE: $\pm 0,5$ [mm]
 LENGTH TOLERANCE: $\pm 0,5$ [mm/m]
 THICKNESS TOLERANCE: $\pm 0,2$ [mm]

TECHNICAL DATA

Standard steel cord

Belt width b [mm]		32	50	75	100	150
Allowable tensile load	F_{Tzul} [N]*	3450	5520	8400	11270	17020
Breaking load	F_{Br} [N]	12600	20160	30660	41160	62160
Specific spring rate	C_{spez} [N]	862500	1380000	2100000	2817500	4255000
Weight	[kg/m]	0,220	0,300	0,410	0,530	0,850

Other widths are available on request

Specialties

Belt width b [mm]		32	50	75	100	150
ARAMID CORD	F_{Tzul} [N]*	3300	5280	8030	10780	16280
	F_{Br} [N]	13500	21600	32850	44100	66600

Flexibility

Minimum pulley number of teeth and minimum idler diameter		Drive without reverse bending		Drive with reverse bending	
		z_{min}	idler d_{min}	z_{min}	idler d_{min}
STANDARD	Guide K6	14	60 mm	20	60 mm
	Guide K13	16	80 mm	20	60 mm
ARAMID	Guide K6	14	60 mm	20	60 mm
	Guide K13	16	80 mm	20	60 mm

Elatech® V Joined informations

Allowable tensile load of joined belt is 50% of M - open end [*]