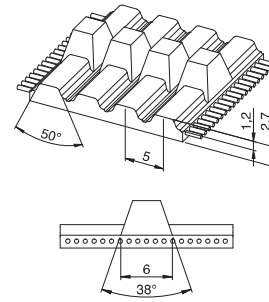


BELT CHARACTERISTICS

- Polyurethane self tracking timing belt with steel tension cords
- Tooth profile according to ISO 17396
- Profile AT5 with central guide - K6 x 4 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:	±0,5 [mm]
LENGTH TOLERANCE:	±0,5 [mm/m]
THICKNESS TOLERANCE:	±0,2 [mm]

TECHNICAL DATA

Standard steel cord

Belt width b [mm]		32	50	75	100
Allowable tensile load	F_{Tzul} [N]*	3450	5520	8400	11270
Breaking load	F_{Br} [N]	12600	20160	30660	41160
Specific spring rate	C_{spez} [N]	862500	1380000	2100000	2817500
Weight	[kg/m]	0,11	0,19	0,29	0,38

Other widths are available on request

Specialties

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

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	15	60 mm	25	80 mm
ARAMID	Guide K6	15	60 mm	25	80 mm

Elatech® V Joined informations

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