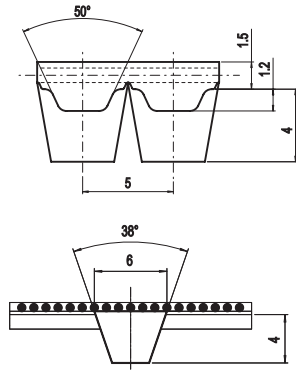


# ATK5 - K6



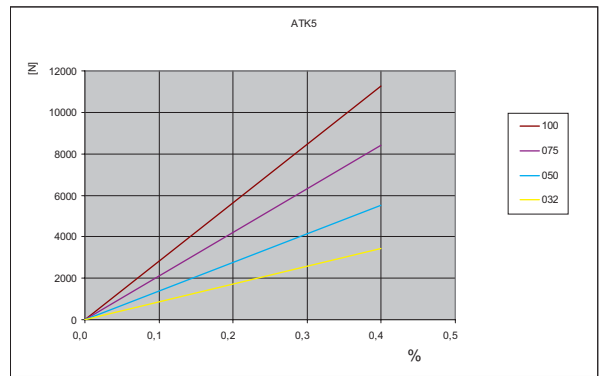
## Belt characteristics

- Polyurethane self track timing belt with steel tension cords
- Profile AT5 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	3450	1725	12600	862500	0,11
050	5520	2760	20160	1380000	0,19
075	8400	4200	30660	2100000	0,29
100	11270	5635	41160	2817500	0,38

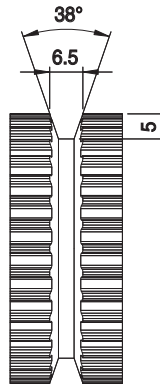
## Load / Elongation [ % ]



## Specialties

PROFILE	Belt width b [mm]	ARAMID CORD	
		$F_{Tzul}$ [N] M type	$F_{Br}$ [N]
ATK5	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	ATK5	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