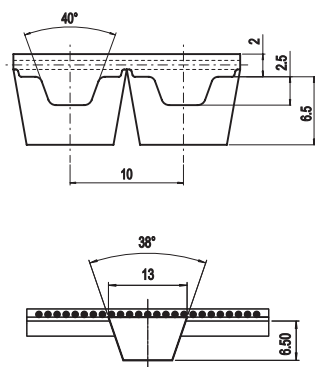


TK10 - K13



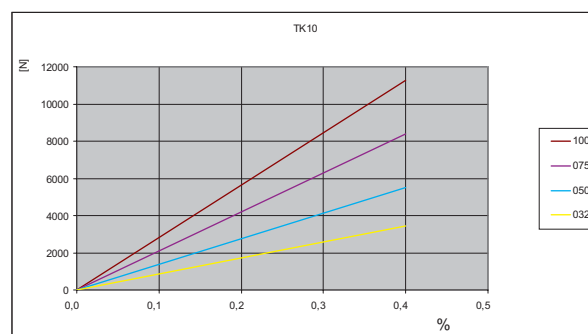
Belt characteristics

- 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 |

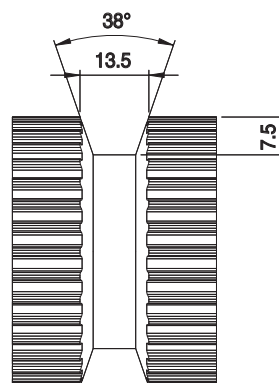
Load / Elongation [%]



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 |