

Keiper PU FLEX timing belts are extruded endless with helically spooled steel or aramid cords. PU FLEX timing belts exhibit the same high mechanical, chemical and physical properties as our other PU timing belts. Endless, helically spooled timing belts provide a substantially higher transfer of power than endless welded timing belts. Therefore, they can be used for all kinds of power transmission as well as conveying and positioning applications.

Tension members

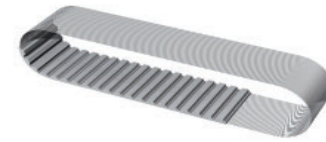
- Standard steel
- Special designs with aramid, high-flexible steel HF, reinforced steel L and stainless steel available on request

Special designs

- Double sided starting from a length of 1500 mm
- Anti-static properties
- PU compound suitable for foodstuffs
- Polyamide fabric on the tooth side NT

Applications

- Heavy load tasks
- High power transfer
- Foil machines
- Textile industry
- Conveyor systems
- Wood and glass industries



	T5	T10	T20	AT5	AT10	AT20
Min. length in mm up to 700 mm width	800	800	900	800	800	900
Min. length in mm up to 750 mm width	1500	1500	1500	1500	1500	1500
Max. length in mm	23500	23500	23500	23500	23500	23500
Width tolerance +/- in mm	0.5	0.5	1	0.5	0.5	1
Thickness tolerance +/- in mm	0.2	0.2	0.2	0.2	0.2	0.2
Min. no. of teeth without counter flection Zmin	10	14	15	15	15	18
Tension pulley on tooth side dmin mm	30	60	120	25	50	120
Min. no. of teeth with counter flection Zmin	18	20	25	20	25	25
Tension pulley on belt back dmin mm	30	60	120	50	120	180
Double-sided toothing possible	x	x	x	x	x	x

	XL	L	H	XH
Min. length in mm up to 707.6 mm width	800	800	800	1500
Min. length in mm up to 752.4 mm width				1500
Max. length in mm	22758	22758	22758	22758
Width tolerance +/- in mm	0.5	0.5	0.5	1
Thickness tolerance +/- in mm	0.2	0.2	0.2	0.2
Min. no. of teeth without counter flection Zmin	15	15	14	18
Tension pulley on tooth side dmin mm	30	60	60	150
Min. no. of teeth with counter flection Zmin	18	20	20	25
Tension pulley on belt back dmin mm	30	60	80	180
Double-sided toothing possible		x	x	

	HTD5M	HTD8M	HTD14M	STD5	STD8	STD14
Min. length in mm up to 700 mm width	800	800	1500	800	1500	1500
Min. length in mm up to 750 mm width	1500	1500	1500	1500	1500	
Max. length in mm	22768	22768	22768	22768	22768	22768
Width tolerance +/- in mm	0,5	1	1,5	0,5	1	1,5
Thickness tolerance +/- in mm	0,2	0,2	0,2	0,2	0,2	0,2
Min. no. of teeth without counter flection Zmin	16	18	25	14	20	32
Tension pulley on tooth side dmin mm	25	50	125	22	50	140
Min. no. of teeth with counter flection Zmin	16	18	25	14	20	32
Tension pulley on belt back dmin mm	60	120	180	60	120	250
Double-sided toothing possible	x	x	x		x	