



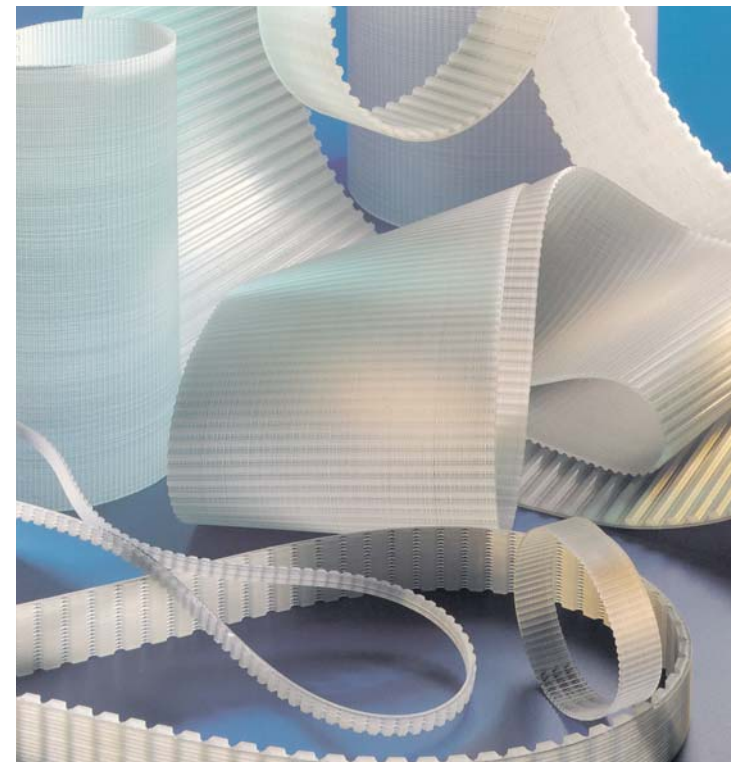
Polyurethane Flex timing belts

easy drive® PU Flex timing belts are extruded of abrasion-resistant polyurethane and high-strength steel cords, aramid cords or high flexible steel cords and VA steel with endless winded cords. In these belts the cords are helically spooled. These timing belts can be used for all kinds of power transmission applications because of their high power transfer, and their high flexibility make them suitable for synchronous transport and positioning applications. By using standard polyurethane and such other belt materials as polyurethane that is cold resistant, heat resistant or suitable for contact with foodstuffs a wide spectrum of applications is possible.

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

- Special designs**
- double-sided toothing as of 1500mm length
 - antistatic properties
 - foodstuff-resistant PU compound
 - polyamide fabric on tooth facing PAZ

- 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 100 mm length	800	800	900	800	800	900
min. length in mm up to 150 mm length	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. teeth without contra-flexure Zmin	10	14	15	15	15	18
min. diameter tension roller on tooth side mm	30	60	120	25	50	120
min. teeth with contra-flexure Zmin	18	20	25	20	25	25
min.diameter tension roller on backside mm	30	60	120	50	120	180
Double sided toothing available	x	x	x	x	x	x

	XL	L	H	XH
min. length in mm up to 100 mm length	800	800	800	1500
min. length in mm up to 150 mm length				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. teeth without contra-flexure Zmin	15	15	14	18
min. diameter tension roller on tooth side mm	30	60	60	150
min. teeth with contra-flexure Zmin	18	20	20	25
min.diameter tension roller on backside mm	30	60	80	180
Double sided toothing available		x	x	

	HTD5M	HTD8M	HTD14M	STD5	STD8	STD14
min. length in mm up to 100 mm length	800	800	1500	800	1500	1500
min. length in mm up to 150 mm length	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. teeth without contra-flexure Zmin	16	18	25	14	20	32
min. diameter tension roller on tooth side mm	25	50	125	22	50	140
min. teeth with contra-flexure Zmin	16	18	25	14	20	32
min.diameter tension roller on backside mm	60	120	180	60	120	250
Double sided toothing available	x	x	x		x	