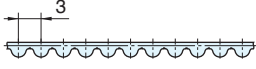
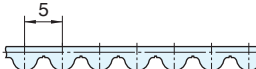

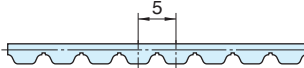
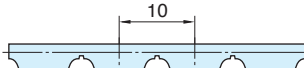
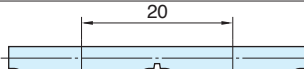


# Model and Type

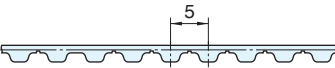
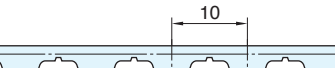
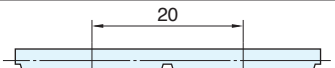
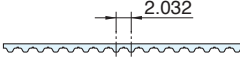
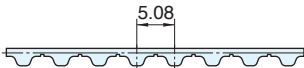
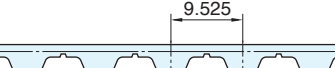
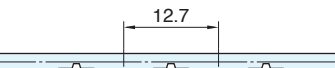
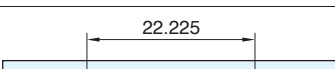
## Circular teethed MA belt

Type of teeth	Model	Shape	Pitch of teeth (mm)	Type			Page
				Flex	Joint	Linear	
Circular teethed belt	MA3		3	<input type="radio"/>		<input type="radio"/>	24
	MA5		5	<input type="radio"/>		<input type="radio"/>	26
	MA8		8	<input type="radio"/>		<input type="radio"/>	28

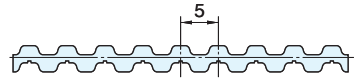
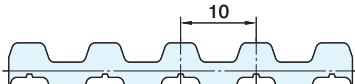
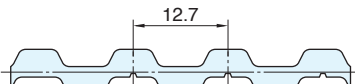
## Special trapezium teethed AT belt

Special trapezium teethed belt	AT5		5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	30
	AT10		10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	32
	AT20		20	<input type="radio"/>		<input type="radio"/>	34

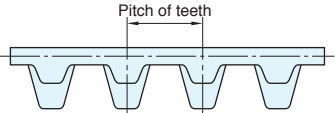
## Standard trapezium teethed belt

Trapezium teeth (meters)	T5		5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	36
	T10		10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	38
	T20		20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	40
Trapezium teeth (inches)	MXL		2.032 (0.08inch)			<input type="radio"/>	42
	XL		5.08 (0.2inch)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	44
	L		9.525 (0.375inch)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	46
	H		12.7 (0.5inch)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	48
	XH		22.225 (0.875inch)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	50

## Double sided belt equipped with trapezium teeth on both sides

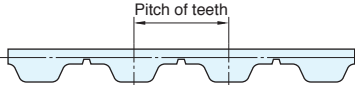
Type of teeth	Model	Shape	Pitch of teeth (mm)	Type			Page
				Flex	Joint	Linear	
Double sided teathed belt	DT5		5	○			52
	DT10		10	○			53
	DH		12.7 (0.5inch)	○			54

## Self-tracking belt

Self-tracking belt	MA5-V		5		○		55~59
	AT10-V		10		○		
	T5-V		5			○	
	T10-V		10			○	
	L-V		9.525			○	

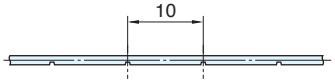
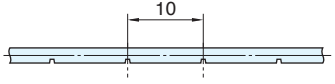
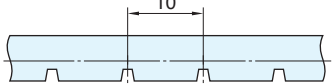
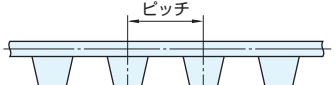
\*The figure in the picture depicts the T10-V.

## Wide teathed belt

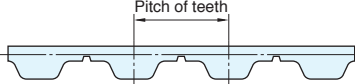
Wide teathed belt	Wide T10		10		○		60~61
	Wide H		12.7				

\*The figure in the picture depicts the T10.

## Flat belt

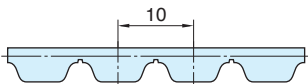
Flat belt	F12		—	○			62
	F20		—	○	○	○	63
	F60		—	○			64
Self-tracking flat belt	F10-V F20-V		—		○		65~66

## Double width toothed belts

Double width teathed belts (Two belts heat-welded together side-by-side)	AT10		10	○	○		67~69
	T10		10				
	H		12.7				

\*The figure in the picture depicts the T10.

## Free attachment belt

Free attachment belt	FAT1		10		○		70
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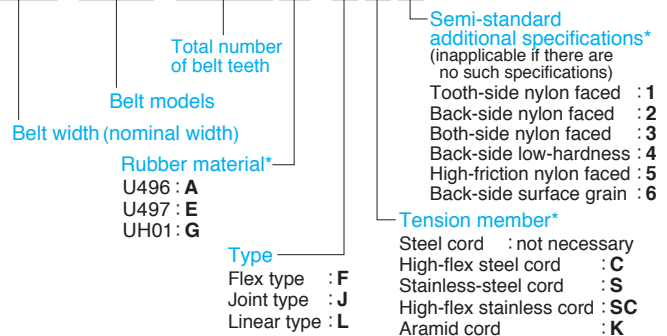
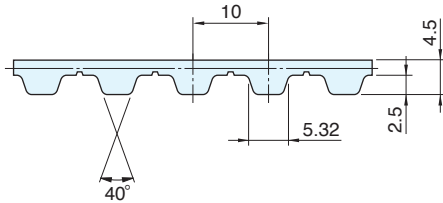
# Dimensions and specifications of trapezium teathed belts (meters)

# T10

This table provides the supported combinations of dimensions and specification with respect to Iron Rubber belts. Please contact us regarding any specifications not described in the table.

## Example of model dimension indication

### 025-T10-1500A-JK1



\*Please refer to the table below for the supported combinations of rubber material, tension member, and additional specifications.

Type	Belt width (Nominal width)	Length in mm (Number of teeth)	Additional specifications: symbol	Steel cord	High-flex steel cord	Stainless-steel cord	High-flex stainless cord
				Rubber material	Rubber material	Rubber material	Rubber material
<b>F</b> 	015 020 025 040 050	Minimum: 600 (60) Maximum: 30000 (3000)	Without any additional specifications	<b>E-F</b>	<b>E-FC</b>	<b>E-FS</b>	<b>E-FSC</b>
			Tooth-side nylon faced : 1 Minimum: 1350 (135)	<b>E-F1</b>	<b>E-FC1</b>	<b>E-FS1</b>	<b>E-FSC1</b>
	075 100	Minimum: 1350 (135) Maximum: 30000 (3000)	Without any additional specifications	<b>E-F</b>	<b>E-FC</b>	<b>E-FS</b>	<b>E-FSC</b>
			Tooth-side nylon faced : 1	<b>E-F1</b>	<b>E-FC1</b>	<b>E-FS1</b>	<b>E-FSC1</b>

Type	Belt width (Nominal width)	Length in mm (Number of teeth)	Additional specifications: symbol	Steel cord		Aramid cord		
				Rubber material		Rubber material		
				U496 (A)	U497 (E)	U496 (A)	U497 (E)	UH01 (G)
<b>J</b>  <b>L</b> 	(010) 015 020 025 040 050 075 100	Minimum: 700 (70) Maximum: 50000 (5000)	Without any additional specifications	<b>A-J</b> <b>A-L</b>	<b>E-J</b> <b>E-L</b>	<b>A-JK</b> <b>A-LK</b>	<b>E-JK</b> <b>E-LK</b>	<b>G-JK</b> <b>G-LK</b>
			Tooth-side nylon faced : 1	<b>A-J1</b> <b>A-L1</b>	—	<b>A-JK1</b> <b>A-LK1</b>	—	—
			Back-side nylon faced : 2	<b>A-J2</b> <b>A-L2</b>	—	<b>A-JK2</b> <b>A-LK2</b>	—	—
			Both-side nylon faced : 3	<b>A-J3</b> <b>A-L3</b>	—	—	—	—
			Back-side low-hardness : 4	<b>A-J4</b> <b>A-L4</b>	—	—	—	—
			High-friction nylon faced : 5	<b>A-J5</b> <b>A-L5</b>	—	—	—	—
			Back-side surface grain : 6	<b>A-J6</b> <b>A-L6</b>	—	—	—	—

Maximum length of belts lined with fabric on the teeth-side, those lined with fabric on the rear, and those lined with nylon on both sides: 50,000 (5,000); and the maximum length of belts with a rear surface grain: 40,000 (4,000). With backside low-hardness belts the thickness is 1mm and the total height 5.5mm (minimum number of pulley teeth: 28). For high-friction nylon faced belts, the thickness is 0.5mm and the total height is 5.0mm (minimum number of pulley teeth: 20 teeth). A width of 10mm is only supported by the Linear type. Linear type belts have no minimum length.

## Allowable tension **F** Unit : N

Belt width mm	Flex type <b>F</b>	Joint type <b>J</b>	Linear type <b>L</b>
10	—	—	470
15	790	290	640
20	1100	400	880
25	1420	640	1280
40	2400	960	1920
50	3040	1280	2560
75	4560	1920	3840
100	6160	2560	5120

## Product mass (reference value) Unit : g

Model	Flex type <b>F</b>	Joint type <b>J</b>	Linear type <b>L</b>	Remarks
<b>T10</b>	110	110 (92)		Width: 25mm, length: 1m

( ) : aramid fiber cord products

The allowable tension only pertains to the tensile load and should not be used as part of the selection criteria. Please calculate the initial tension setting using the procedure provided on page 76. Provides numerical values for steel cords and aramid cords. Set the allowable tension for stainless-steel cords at 80% of the value provided in the table.