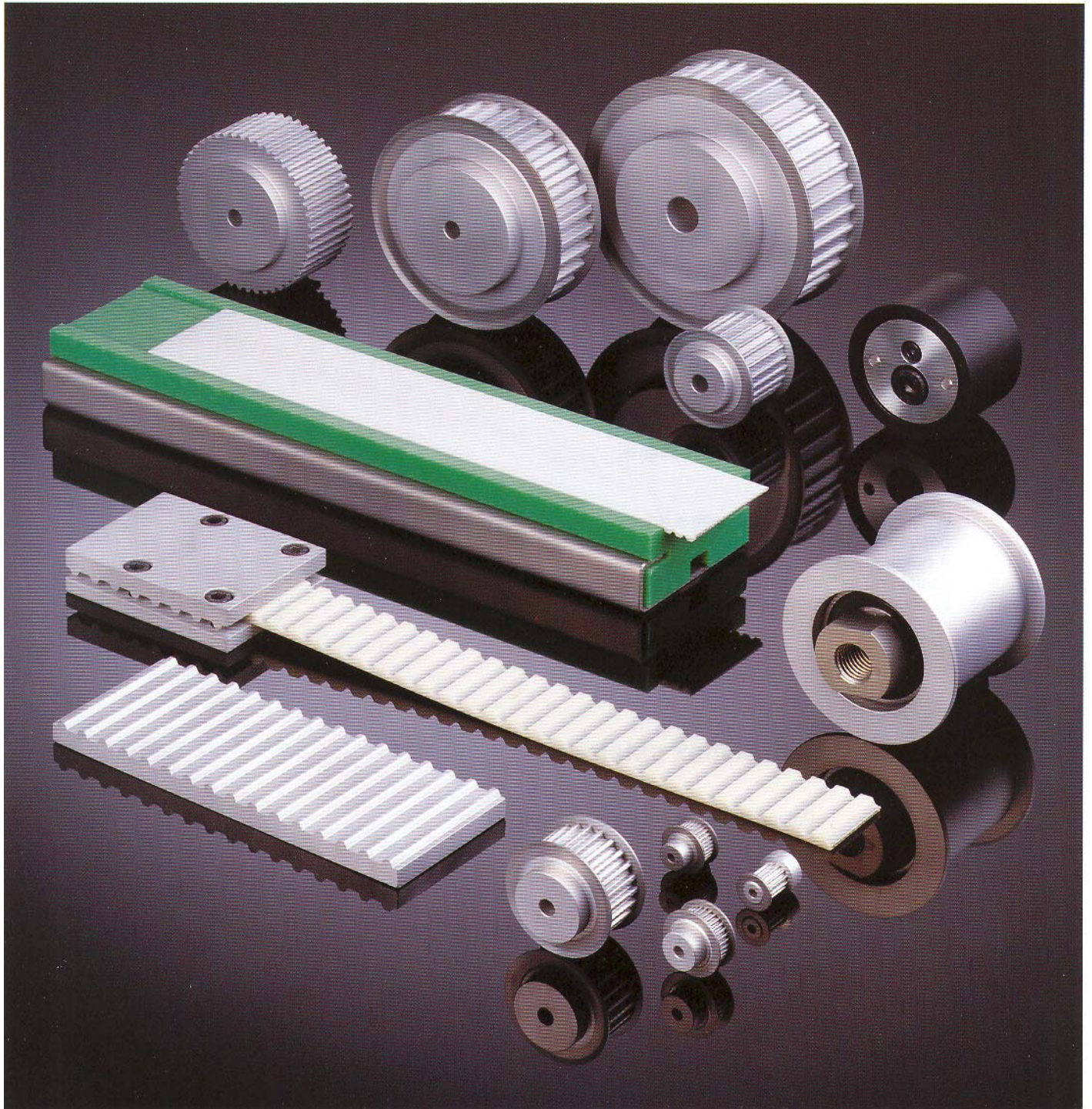


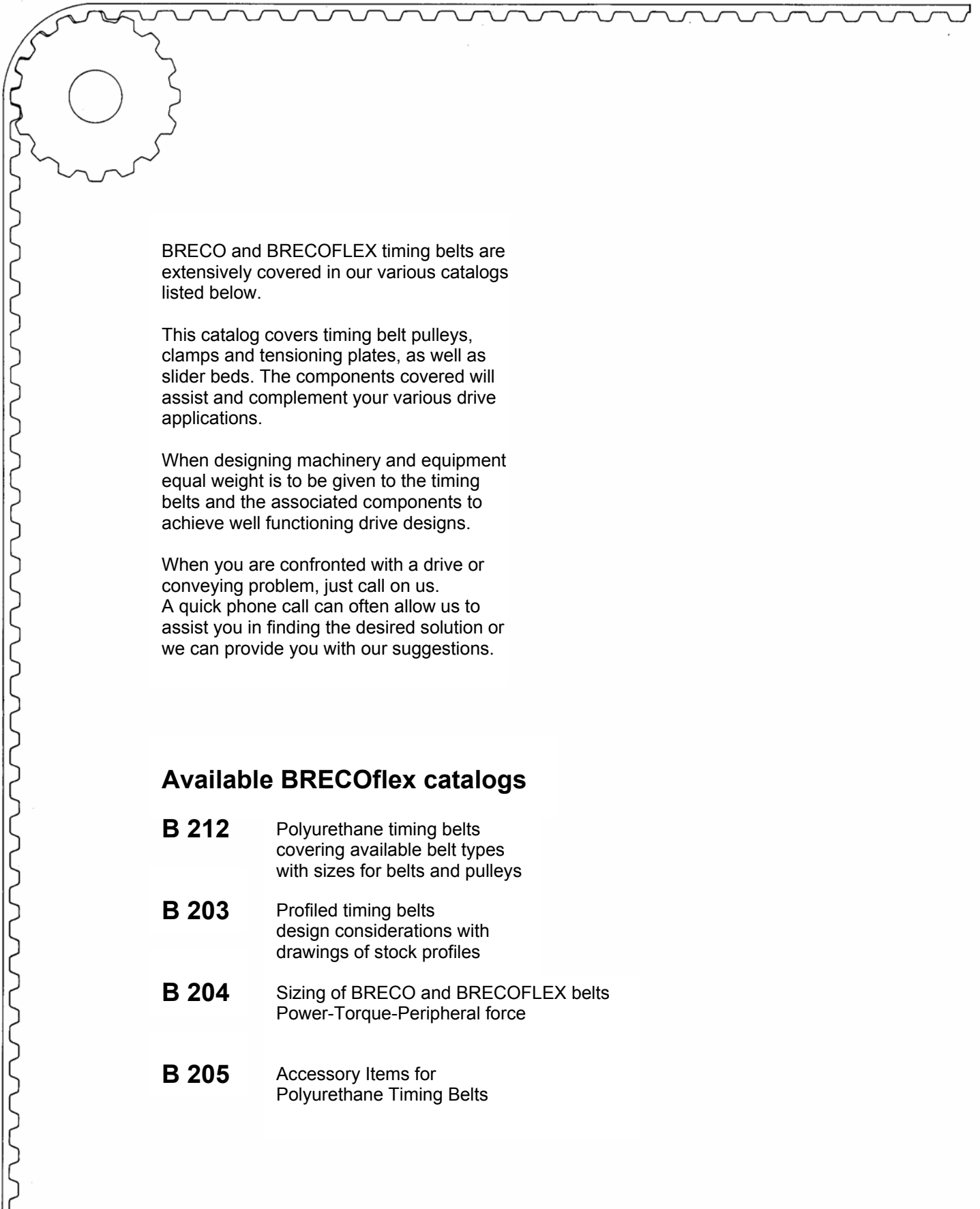
# BRECO *flex* CO., L.L.C.

High Precision Drive Components



B 205 B

**PULLEYS • TENSIONERS • CLAMPS • SLIDER BEDS**



BRECO and BRECOFLEX timing belts are extensively covered in our various catalogs listed below.

This catalog covers timing belt pulleys, clamps and tensioning plates, as well as slider beds. The components covered will assist and complement your various drive applications.

When designing machinery and equipment equal weight is to be given to the timing belts and the associated components to achieve well functioning drive designs.

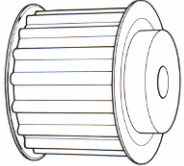
When you are confronted with a drive or conveying problem, just call on us. A quick phone call can often allow us to assist you in finding the desired solution or we can provide you with our suggestions.

## Available BRECOflex catalogs

- B 212** Polyurethane timing belts covering available belt types with sizes for belts and pulleys
- B 203** Profiled timing belts design considerations with drawings of stock profiles
- B 204** Sizing of BRECO and BRECOFLEX belts Power-Torque-Peripheral force
- B 205** Accessory Items for Polyurethane Timing Belts

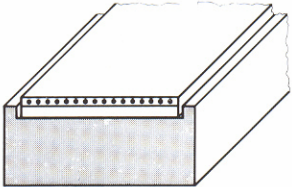
## Metal Pulleys

Introduction	Pages	5 - 7
Pulleys English Pitches	Pages	8 -10
Pulleys Metric Pitches	Pages	11 -14



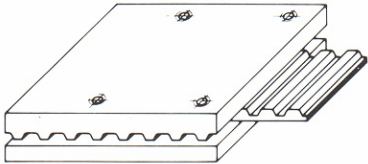
## Slider Beds

Introduction	Page	15
With V-Guide	Page	16
Without Edge Guide	Page	16
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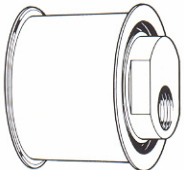
## Connectors

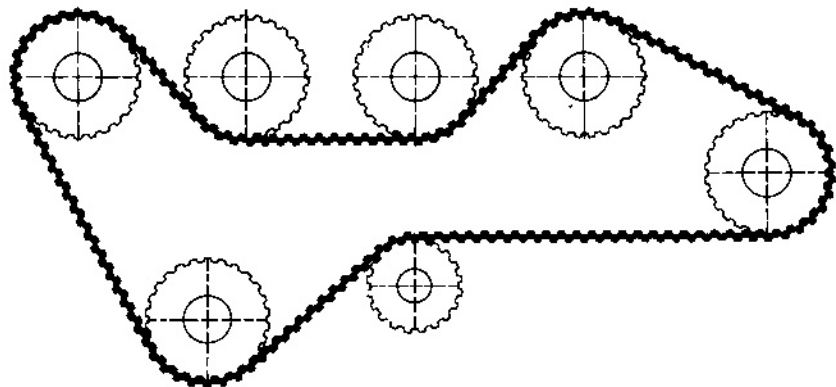
Metal Clamps	Pages	18 -19
Metal Tension Plates	Pages	20 -21



## Metal Tensioners

Eccentric Type B	Pages	22 -23
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The performance of timing belts is highly dependent on the quality of the pulleys used. For this reason we recommend that you use BRECOflex CO., L.L.C. pulleys in conjunction with BRECO and BRECOFLEX timing belts. This will assure proper performance in your applications.

## Material

Aluminum: For normal requirements pulleys made of aluminum are recommended. Stock pulleys and pulley bar stock are also made of aluminum. Custom pulleys made of aluminum can be supplied hard lube anodized.

Steel: For high-torque applications and pulleys running in abrasive environments (sand, cullets, metal chips, etc.) steel pulleys are recommended.

Stainless Steel: Certain applications cannot tolerate rust. In these cases stainless steel pulleys are suggested.

Delrin • Nylon: For applications requiring light weight and rust-free operation, pulleys made of Delrin, Nylon or other plastic materials are offered.

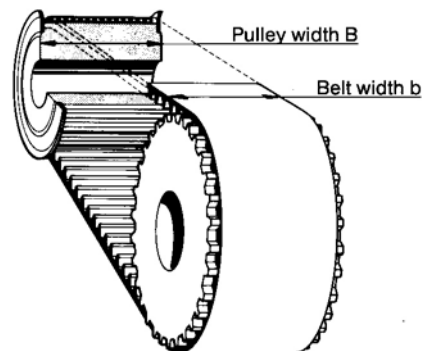
Note: Pulleys can be made in most commonly available materials. Please contact us for special requirements.

## Flanges

Standard flanges are supplied in steel zinc plate. Other materials are available and must be specified.

Preferably, flanges are to be specified on the small pulley.

The flanges are attached to the pulleys by rolling or fastened by screws, depending on tooth profile and number of teeth.



# TIMING BELT PULLEYS

## Custom Pulleys

Besides standard pulleys in English and metric pitches, we also manufacture pulleys based on your specific requirements and drawings.

A drawing of a custom pulley is shown with additional machining operations.

## Flat Idlers

For tensioning and support functions, flat idlers are offered in many materials and configurations. Send us your specifications and drawings for a quotation.

## Bores

Pulleys are offered in many bore configurations:

- Pilot bore
- Finished bore
- Bores for QD Bushings
- Bores for Taper Lock Bushings
- Counter bores

## Materials

Aluminum and steel are the most frequently used materials for flat idlers and pulleys. We manufacture these in most commonly available materials. The following is a partial listing of materials used (various grades available).

- Aluminum
- Aluminum hard lube anodized
- Delrin
- Nylon
- Steel
- Stainless Steel

Other materials or grades upon request.

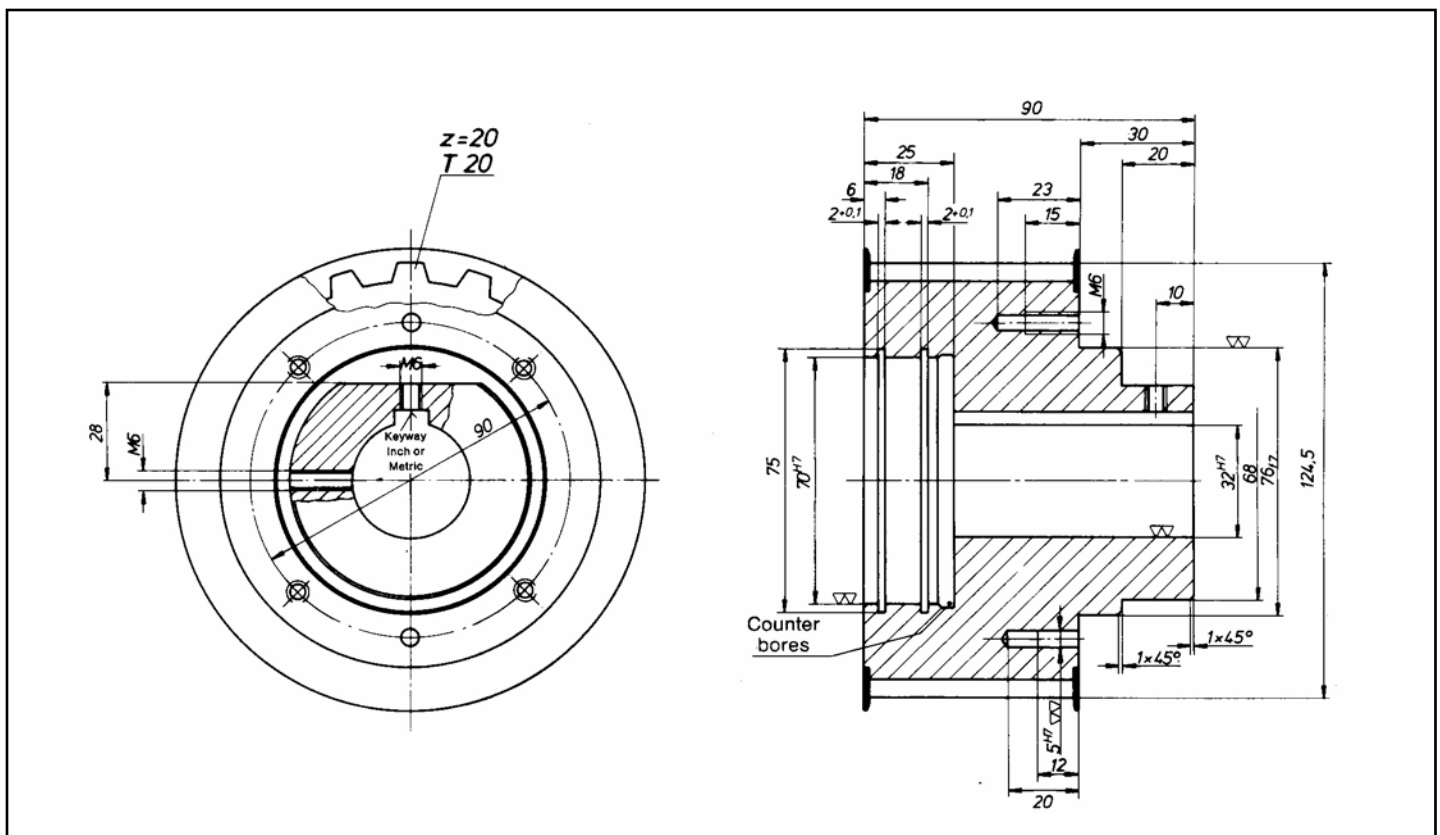
## Max. Pulley Sizes

Pulleys and idlers are available up to the following dimensions:

- Max. Width: 180 mm
- Max. Diameter: 640 mm

## Note:

If you need unusual or complex pulley configurations, please send us your specifications and drawings.



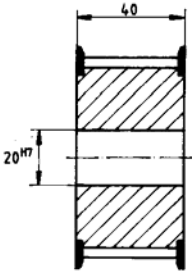
# TIMING BELT PULLEYS

## Ordering Examples

(Standard pulleys see page 8)

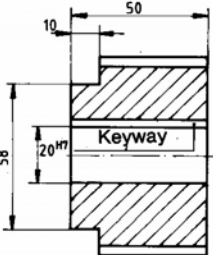
The configurations of a timing belt pulley can be specified based on the following examples.

Note: Keyways, set screws, bores, dimensions etc. can be specified in either English or metric measurements to meet your individual requirements.



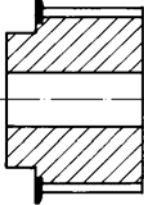
Material	AL
Pitch	AT10
No. of teeth	24
No. of flanges	2

Example: Pulley  
AL 40 AT 10/24-2  
Bore = 20 mm



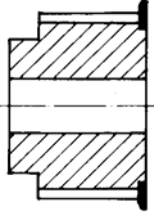
Material	AL
Pitch	AT10
No. of teeth	24
No. of flanges	0

Example: Pulley  
AL 50 AT 10/24-0  
Hub 58 x 10 mm  
Bore = 20 mm with  
Keyway



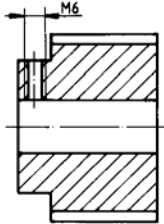
No. of flanges 1

Ordering code for one flange on hub side - 1a



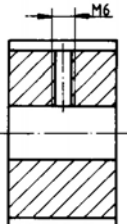
No. of flanges 1

Ordering code for one flange opposite hub - 1g



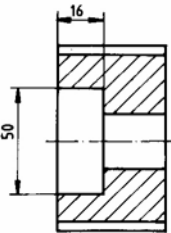
Set screw

Specifying threaded hole for set screw: M6 center of hub



Set screw

Specifying threaded hole for set screw: M6 center of teeth



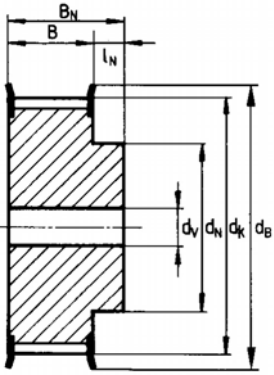
Counter bore

Ordering example for counter bore:  
Counter bore 50 mm dia. x 16 mm deep

For more complex pulley designs, please submit drawings.

# TIMING BELT PULLEYS

## Stock Pulleys XL 1/5" = 5.08 mm



Type - 2 z = 10 to 40 teeth

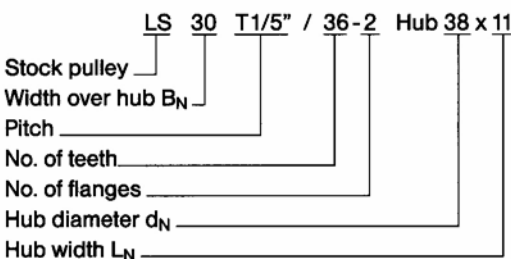
	# of teeth z	Diameters			Face Width B mm	Pilot Bore d <sub>v</sub> mm	Part Numbers
		Outside d <sub>k</sub> mm	Pitch d <sub>o</sub> mm	Flange d <sub>B</sub> mm			
XL 1/5" 5.08 mm  Belt Width b = 12.7 mm	10	15.68	16.18	20	19	4	LS 25 T1/5" / 10-2 Hub 10 x 6
	11	17.28	17.78	23	19	4	LS 25 T1/5" / 11-2 Hub 11 x 6
	12	18.90	19.41	25	19	4	LS 25 T1/5" / 12-2 Hub 13 x 6
	14	22.13	22.63	28	19	6	LS 25 T1/5" / 14-2 Hub 14 x 6
	15	23.75	24.26	28	19	6	LS 25 T1/5" / 15-2 Hub 16 x 6
	16	25.38	25.88	30	19	6	LS 25 T1/5" / 16-2 Hub 18 x 6
	18	28.60	29.11	36	19	6	LS 25 T1/5" / 18-2 Hub 21 x 6
	20	31.83	32.34	36	19	6	LS 27 T1/5" / 20-2 Hub 24 x 8
	21	33.44	33.96	38	19	6	LS 27 T1/5" / 21-2 Hub 24 x 8
	22	35.08	35.59	42	19	6	LS 27 T1/5" / 22-2 Hub 25 x 8
	24	38.31	38.81	44	19	6	LS 27 T1/5" / 24-2 Hub 27 x 8
	28	44.78	45.29	51	19	6	LS 27 T1/5" / 28-2 Hub 30 x 8
	30	48.01	48.52	54	19	6	LS 27 T1/5" / 30-2 Hub 35 x 8
	32	51.23	51.74	57	19	6	LS 30 T1/5" / 32-2 Hub 38 x 11
	36	57.71	58.22	63	19	6	LS 30 T1/5" / 36-2 Hub 38 x 11
	40	64.16	64.67	71	19	6	LS 30 T1/5" / 40-2 Hub 38 x 11
XL 1/5" 5.08 mm  Belt Width b = 25.4 mm	10	15.68	16.18	20	32	4	LS 38 T1/5" / 10-2 Hub 10 x 6
	11	17.28	17.78	23	32	4	LS 38 T1/5" / 11-2 Hub 11 x 6
	12	18.90	19.41	25	32	4	LS 38 T1/5" / 12-2 Hub 13 x 6
	14	22.13	22.63	28	32	6	LS 38 T1/5" / 14-2 Hub 14 x 6
	15	23.75	24.26	28	32	6	LS 38 T1/5" / 15-2 Hub 16 x 6
	16	25.38	25.88	30	32	6	LS 38 T1/5" / 16-2 Hub 18 x 6
	18	28.60	29.11	36	32	6	LS 38 T1/5" / 18-2 Hub 21 x 6
	20	31.83	32.34	36	32	6	LS 40 T1/5" / 20-2 Hub 24 x 8
	21	33.44	33.96	38	32	6	LS 40 T1/5" / 21-2 Hub 24 x 8
	22	35.08	35.59	42	32	6	LS 40 T1/5" / 22-2 Hub 25 x 8
	24	38.31	38.81	44	32	6	LS 40 T1/5" / 24-2 Hub 27 x 8
	28	44.78	45.29	51	32	6	LS 40 T1/5" / 28-2 Hub 30 x 8
	30	48.01	48.52	54	32	6	LS 40 T1/5" / 30-2 Hub 35 x 8
	32	51.23	51.74	57	32	6	LS 43 T1/5" / 32-2 Hub 38 x 11
	36	57.71	58.22	63	32	6	LS 43 T1/5" / 36-2 Hub 38 x 11
	40	64.16	64.67	71	32	6	LS 43 T1/5" / 40-2 Hub 38 x 11

### Material

Pulleys: Aluminum

Flanges: Steel Zinc Plate

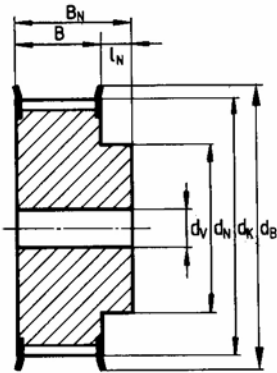
### Ordering Example





# TIMING BELT PULLEYS

## Stock Pulleys L 3/8" = 9.525 mm



Type -2 z = 10 to 40 teeth

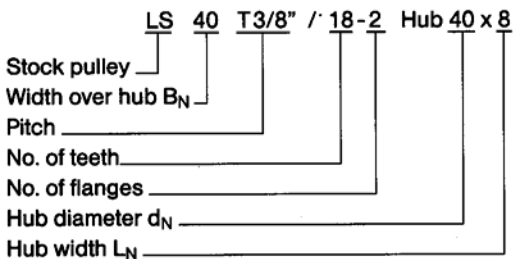
	# of teeth z	Diameters			Face Width B mm	Pilot Bore d <sub>v</sub> mm	Part Numbers
		Outside dk mm	Pitch do mm	Flange dB mm			
L 3/8" 9.525mm  Belt Width b = 25.4 mm	10	29.59	30.33	36	32	8	LS 40 T3/8" / 10-2 Hub 22 x 8
	11	32.64	33.35	38	32	8	LS 40 T3/8" / 11-2 Hub 24 x 8
	12	35.66	36.37	42	32	8	LS 40 T3/8" / 12-2 Hub 28 x 8
	13	38.71	39.42	44	32	8	LS 40 T3/8" / 13-2 Hub 30 x 8
	14	41.74	42.44	48	32	8	LS 40 T3/8" / 14-2 Hub 33 x 8
	15	44.78	45.47	51	32	8	LS 40 T3/8" / 15-2 Hub 22 x 8
	16	47.78	48.51	54	32	8	LS 40 T3/8" / 16-2 Hub 22 x 8
	17	50.83	51.54	57	32	10	LS 40 T3/8" / 17-2 Hub 22 x 8
	18	53.88	54.59	60	32	10	LS 40 T3/8" / 18-2 Hub 22 x 8
	19	56.92	57.61	63	32	10	LS 40 T3/8" / 19-2 Hub 22 x 8
	20	59.95	60.63	66	32	10	LS 42 T3/8" / 20-2 Hub 22 x 10
	21	63.00	63.68	71	32	10	LS 42 T3/8" / 21-2 Hub 22 x 10
	22	66.04	66.70	71	32	10	LS 42 T3/8" / 22-2 Hub 22 x 10
	24	72.11	72.77	79	32	10	LS 42 T3/8" / 24-2 Hub 22 x 10
L 3/8" 9.525mm  Belt Width b = 50.8 mm	10	29.59	30.33	36	32	8	LS 69 T3/8" / 10-2 Hub 22 x 10
	11	32.64	33.35	38	32	8	LS 69 T3/8" / 11-2 Hub 24 x 10
	12	35.66	36.37	42	32	8	LS 69 T3/8" / 12-2 Hub 28 x 10
	13	38.71	39.42	44	32	8	LS 69 T3/8" / 13-2 Hub 30 x 10
	14	41.74	42.44	48	32	8	LS 69 T3/8" / 14-2 Hub 33 x 10
	15	44.78	45.47	51	32	8	LS 69 T3/8" / 15-2 Hub 22 x 10
	16	47.78	48.51	54	32	8	LS 69 T3/8" / 16-2 Hub 22 x 10
	17	50.83	51.54	57	32	10	LS 69 T3/8" / 17-2 Hub 22 x 10
	18	53.88	54.59	60	32	10	LS 69 T3/8" / 18-2 Hub 22 x 10
	19	56.92	57.61	63	32	10	LS 69 T3/8" / 19-2 Hub 22 x 10
	20	59.95	60.63	66	32	10	LS 69 T3/8" / 20-2 Hub 22 x 10
	21	63.00	63.68	71	32	10	LS 69 T3/8" / 21-2 Hub 22 x 10
	22	66.04	66.70	71	32	10	LS 69 T3/8" / 22-2 Hub 22 x 10
	24	72.11	72.77	79	32	10	LS 69 T3/8" / 24-2 Hub 22 x 10

### Material

Pulleys: Aluminum

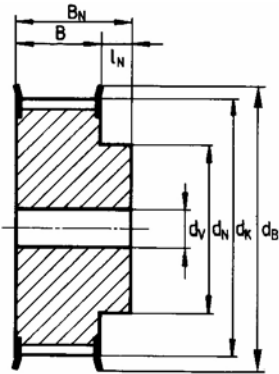
Flanges: Steel Zinc Plate

### Ordering Example



# TIMING BELT PULLEYS

## Stock Pulleys H 1/2" = 12.7 mm



Type -2 z = 14 to 40 teeth

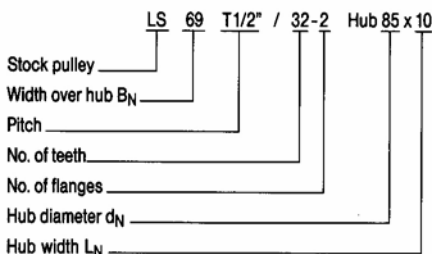
	# of teeth z	Diameters			Face Width B mm	Pilot Bore d <sub>v</sub> mm	Part Numbers	
		Outside d <sub>k</sub> mm	Pitch d <sub>o</sub> mm	Flange d <sub>B</sub> mm				
H 1/2" 12.7mm  Belt Width b = 25.4 mm	14	55.25	56.59	61	32	10	LS 42 T1/2" / 14-2 Hub 40 x 10	
	16	63.35	64.67	71	32	10	LS 42 T1/2" / 16-2 Hub 46 x 10	
	18	71.43	72.77	79	32	10	LS 42 T1/2" / 18-2 Hub 54 x 10	
	20	79.53	80.85	87	32	10	LS 42 T1/2" / 20-2 Hub 62 x 10	
	22	87.63	88.93	93	32	10	LS 42 T1/2" / 22-2 Hub 70 x 10	
	24	95.71	97.03	103	32	10	LS 42 T1/2" / 24-2 Hub 75 x 10	
	26	103.81	105.11	111	32	15	LS 42 T1/2" / 26-2 Hub 75 x 10	
	28	111.89	113.19	119	32	15	LS 42 T1/2" / 28-2 Hub 75 x 10	
	30	119.97	121.29	127	32	15	LS 42 T1/2" / 30-2 Hub 80 x 10	
	32	128.07	129.37	135	32	15	LS 42 T1/2" / 32-2 Hub 85 x 10	
	36	144.22	145.55	152	32	15	LS 42 T1/2" / 36-2 Hub 90 x 10	
	40	160.40	161.70	168	32	15	LS 42 T1/2" / 40-2 Hub 95 x 10	
	H 1/2" 12.7mm  Belt Width b = 38.1 mm	14	55.25	56.59	61	44	10	LS 54 T1/2" / 14-2 Hub 40 x 10
		16	63.35	64.67	71	44	10	LS 54 T1/2" / 16-2 Hub 46 x 10
18		71.43	72.77	79	44	10	LS 54 T1/2" / 18-2 Hub 54 x 10	
20		79.53	80.85	87	44	10	LS 54 T1/2" / 20-2 Hub 62 x 10	
22		87.63	88.93	93	44	10	LS 54 T1/2" / 22-2 Hub 70 x 10	
24		95.71	97.03	103	44	10	LS 54 T1/2" / 24-2 Hub 75 x 10	
26		103.81	105.11	111	44	15	LS 54 T1/2" / 26-2 Hub 75 x 10	
28		111.89	113.19	119	44	15	LS 54 T1/2" / 28-2 Hub 75 x 10	
30		119.97	121.29	127	44	15	LS 54 T1/2" / 30-2 Hub 80 x 10	
32		128.07	129.37	135	44	15	LS 54 T1/2" / 32-2 Hub 85 x 10	
36		144.22	145.55	152	44	15	LS 54 T1/2" / 36-2 Hub 90 x 10	
40		160.40	161.70	168	44	15	LS 54 T1/2" / 40-2 Hub 95 x 10	
H 1/2" 12.7mm  Belt Width b = 50.8 mm		14	55.25	56.59	61	59	10	LS 69 T1/2" / 14-2 Hub 40 x 10
		16	63.35	64.67	71	59	10	LS 69 T1/2" / 16-2 Hub 46 x 10
	18	71.43	72.77	79	59	10	LS 69 T1/2" / 18-2 Hub 54 x 10	
	20	79.53	80.85	87	59	10	LS 69 T1/2" / 20-2 Hub 62 x 10	
	22	87.63	88.93	93	59	10	LS 69 T1/2" / 22-2 Hub 70 x 10	
	24	95.71	97.03	103	59	10	LS 69 T1/2" / 24-2 Hub 75 x 10	
	26	103.81	105.11	111	59	15	LS 69 T1/2" / 26-2 Hub 75 x 10	
	28	111.89	113.19	119	59	15	LS 69 T1/2" / 28-2 Hub 75 x 10	
	30	119.97	121.29	127	59	15	LS 69 T1/2" / 30-2 Hub 80 x 10	
	32	128.07	129.37	135	59	15	LS 69 T1/2" / 32-2 Hub 85 x 10	
	36	144.22	145.55	152	59	15	LS 69 T1/2" / 36-2 Hub 90 x 10	
	40	160.40	161.70	168	59	15	LS 69 T1/2" / 40-2 Hub 95 x 10	
	H 1/2" 12.7mm  Belt Width b = 76.2 mm	14	55.25	56.59	61	84	10	LS 96 T1/2" / 14-2 Hub 40 x 12
		16	63.35	64.67	71	84	10	LS 96 T1/2" / 16-2 Hub 46 x 12
18		71.43	72.77	79	84	10	LS 96 T1/2" / 18-2 Hub 54 x 12	
20		79.53	80.85	87	84	10	LS 96 T1/2" / 20-2 Hub 62 x 12	
22		87.63	88.93	93	84	10	LS 96 T1/2" / 22-2 Hub 70 x 12	
24		95.71	97.03	103	84	10	LS 96 T1/2" / 24-2 Hub 75 x 12	
26		103.81	105.11	111	84	15	LS 96 T1/2" / 26-2 Hub 75 x 12	
28		111.89	113.19	119	84	15	LS 96 T1/2" / 28-2 Hub 75 x 12	
30		119.97	121.29	127	84	15	LS 96 T1/2" / 30-2 Hub 80 x 12	
32		128.07	129.37	135	84	15	LS 96 T1/2" / 32-2 Hub 85 x 12	
36		144.22	145.55	152	84	15	LS 96 T1/2" / 36-2 Hub 90 x 12	
40		160.40	161.70	168	84	15	LS 96 T1/2" / 40-2 Hub 95 x 12	

### Material

Pulleys: Aluminum

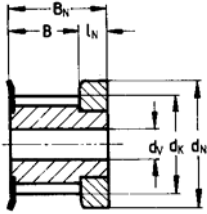
Flanges: Steel Zinc Plate

### Ordering Example

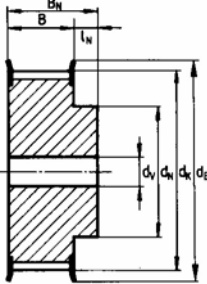


# TIMING BELT PULLEYS

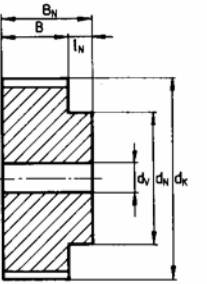
## Stock Pulleys MXL / T 2.5



Type -2 T2.5 z = 10 to 16 teeth



Type -2 MXL z = 24 to 48 teeth  
T2.5 z = 18 to 40 teeth



Type -0 MXL z = 15 to 20 teeth  
- not shown -  
T2.5 z = 48 to 60 teeth

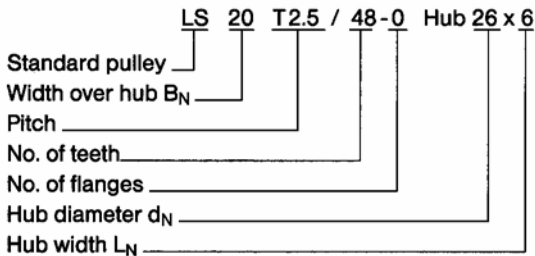
Material

Pulleys: Aluminum

Flanges: Steel Zinc Plate

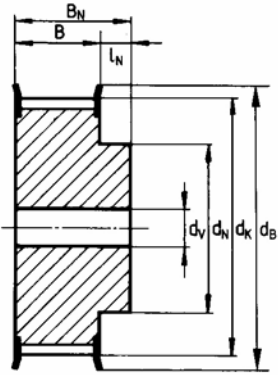
	# of teeth z	Diameters			Face Width B mm	Pilot Bore d <sub>v</sub> mm	Part Numbers	
		Outside d <sub>k</sub> mm	Pitch d <sub>o</sub> mm	Flange d <sub>B</sub> mm				
<b>MXL</b> Belt Width b = 6 mm	15	9.19	-	-	16	3	LS 16 M / 15-0	
	16	9.83	-	-	16	3	LS 16 M / 16-0	
	20	12.42	-	-	16	3	LS 16 M / 20-0	
	24	15.01	15.53	18	10	3	LS 16 M / 24-2 Hub 10 x 6	
	32	20.19	20.71	24	10	4	LS 16 M / 32-2 Hub 14 x 6	
	48	30.53	31.06	35	10	4	LS 16 M / 48-2 Hub 20 x 6	
<b>T 2.5</b> Belt Width b = 6 mm	10	7.45	7.96	10	10	3	LS 16 T2.5 / 10-2 Hub 10 x 6	
	12	9.00	9.55	13	10	3	LS 16 T2.5 / 12-2 Hub 12 x 6	
	14	10.60	11.14	14	10	3	LS 16 T2.5 / 14-2 Hub 14 x 6	
	15	11.40	11.94	15	10	3	LS 16 T2.5 / 15-2 Hub 15 x 6	
	16	12.20	12.73	16	10	4	LS 16 T2.5 / 16-2 Hub 16 x 6	
	18	13.80	14.32	17	10	4	LS 16 T2.5 / 18-2 Hub 10 x 6	
	19	14.60	15.12	18	10	4	LS 16 T2.5 / 19-2 Hub 10 x 6	
	20	15.40	15.92	19	10	4	LS 16 T2.5 / 20-2 Hub 12 x 6	
	24	18.55	19.10	22	10	4	LS 16 T2.5 / 24-2 Hub 14 x 6	
	25	19.35	19.89	24	10	4	LS 16 T2.5 / 25-2 Hub 14 x 6	
	30	23.35	23.87	28	10	6	LS 16 T2.5 / 30-2 Hub 16 x 6	
	32	24.95	25.47	28	10	6	LS 16 T2.5 / 32-2 Hub 16 x 6	
	36	28.10	28.65	32	10	6	LS 16 T2.5 / 36-2 Hub 20 x 6	
	40	31.30	31.83	35	10	6	LS 16 T2.5 / 40-2 Hub 22 x 6	
	48	37.70	38.20	-	10	6	LS 16 T2.5 / 48-0 Hub 26 x 6	
	60	47.25	47.75	-	10	8	LS 16 T2.5 / 60-0 Hub 34 x 6	
	<b>T 2.5</b> Belt Width b = 10 mm	10	7.45	7.96	10	14	3	LS 20 T2.5 / 10-2 Hub 10 x 6
		12	9.00	9.55	13	14	3	LS 20 T2.5 / 12-2 Hub 12 x 6
14		10.60	11.14	14	14	3	LS 20 T2.5 / 14-2 Hub 14 x 6	
15		11.40	11.94	15	14	3	LS 20 T2.5 / 15-2 Hub 15 x 6	
16		12.20	12.73	16	14	4	LS 20 T2.5 / 16-2 Hub 16 x 6	
18		13.80	14.32	17	14	4	LS 20 T2.5 / 18-2 Hub 10 x 6	
19		14.60	15.12	18	14	4	LS 20 T2.5 / 19-2 Hub 10 x 6	
20		15.40	15.92	19	14	4	LS 20 T2.5 / 20-2 Hub 12 x 6	
24		18.55	19.10	22	14	4	LS 20 T2.5 / 24-2 Hub 14 x 6	
25		19.35	19.89	24	14	4	LS 20 T2.5 / 25-2 Hub 14 x 6	
30		23.35	23.87	28	14	6	LS 20 T2.5 / 30-2 Hub 16 x 6	
32		24.95	25.47	28	14	6	LS 20 T2.5 / 32-2 Hub 16 x 6	
36		28.10	28.65	32	14	6	LS 20 T2.5 / 36-2 Hub 20 x 6	
40		31.30	31.83	35	14	6	LS 20 T2.5 / 40-2 Hub 22 x 6	
48		37.70	38.20	-	14	6	LS 20 T2.5 / 48-0 Hub 26 x 6	
60		47.25	47.75	-	14	8	LS 20 T2.5 / 60-0 Hub 34 x 6	

### Ordering Example

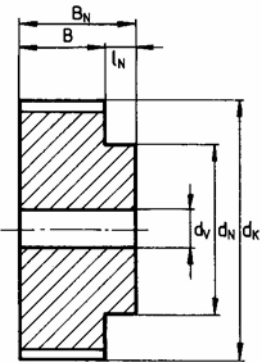


# TIMING BELT PULLEYS

## Stock Pulleys AT5 / AT10



Type -2 z = 20 to 44 teeth



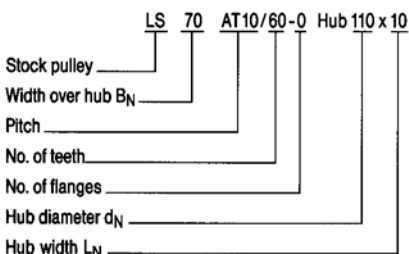
Type -0 z ≥ 48 teeth

### Material

Pulleys: Aluminum

Flanges: Steel Zinc Plate

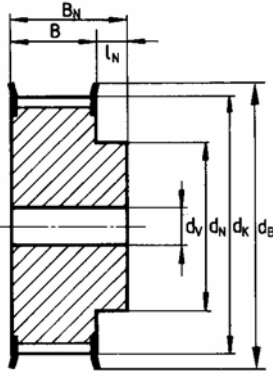
### Ordering Example



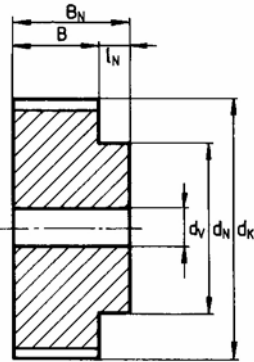
	# of teeth z	Diameters			Face Width B mm	Pilot Bore d <sub>v</sub> mm	Part Numbers
		Outside d <sub>k</sub> mm	Pitch d <sub>o</sub> mm	Flange d <sub>B</sub> mm			
AT5 Belt Width b = 25 mm	20	30.60	31.83	36	32	6	LS 38 AT5 / 20-2 Hub 24 x 6
	22	33.85	35.02	39	32	6	LS 38 AT5 / 22-2 Hub 24 x 6
	24	37.00	38.21	42	32	8	LS 38 AT5 / 24-2 Hub 26 x 6
	25	38.60	39.80	43	32	8	LS 38 AT5 / 25-2 Hub 26 x 6
	27	41.80	42.98	47	32	8	LS 38 AT5 / 27-2 Hub 30 x 6
	30	46.55	47.76	51	32	8	LS 38 AT5 / 30-2 Hub 34 x 6
	32	49.70	50.94	55	32	8	LS 38 AT5 / 32-2 Hub 38 x 6
	36	56.05	57.31	61	32	8	LS 38 AT5 / 36-2 Hub 38 x 6
	40	62.45	63.66	67	32	8	LS 38 AT5 / 40-2 Hub 40 x 6
	44	68.80	70.05	74	32	8	LS 38 AT5 / 44-2 Hub 50 x 6
	48	75.15	76.42	-	32	8	LS 38 AT5 / 48-0 Hub 50 x 6
	60	94.25	95.52	-	32	8	LS 38 AT5 / 60-0 Hub 65 x 6
	72	113.15	114.62	-	32	10	LS 38 AT5 / 72-0 Hub 80 x 6
AT10 Belt Width b = 25 mm	20	61.80	63.66	67	32	12	LS 42 AT10 / 20-2 Hub 46 x 10
	22	68.15	70.03	74	32	12	LS 42 AT10 / 22-2 Hub 50 x 10
	24	74.55	76.39	80	32	12	LS 42 AT10 / 24-2 Hub 58 x 10
	25	77.75	79.58	82	32	12	LS 42 AT10 / 25-2 Hub 60 x 10
	27	84.10	85.95	90	32	12	LS 42 AT10 / 27-2 Hub 60 x 10
	30	93.65	95.49	99	32	12	LS 42 AT10 / 30-2 Hub 60 x 10
	32	100.00	101.86	105	32	12	LS 42 AT10 / 32-2 Hub 65 x 10
	36	112.75	114.59	118	32	16	LS 42 AT10 / 36-2 Hub 70 x 10
	40	125.45	127.32	131	32	16	LS 42 AT10 / 40-2 Hub 80 x 10
	44	138.20	140.05	144	32	16	LS 42 AT10 / 44-2 Hub 90 x 10
	48	150.95	152.78	-	32	16	LS 42 AT10 / 48-0 Hub 95 x 10
60	189.10	190.98	-	32	16	LS 42 AT10 / 60-0 Hub 110 x 10	
AT10 Belt Width b = 32 mm	20	61.80	63.66	67	40	12	LS 50 AT10 / 20-2 Hub 46 x 10
	22	68.15	70.03	74	40	12	LS 50 AT10 / 22-2 Hub 50 x 10
	24	74.55	76.39	80	40	12	LS 50 AT10 / 24-2 Hub 58 x 10
	25	77.75	79.58	82	40	12	LS 50 AT10 / 25-2 Hub 60 x 10
	27	84.10	85.95	90	40	12	LS 50 AT10 / 27-2 Hub 60 x 10
	30	93.65	95.49	99	40	12	LS 50 AT10 / 30-2 Hub 60 x 10
	32	100.00	101.86	105	40	12	LS 50 AT10 / 32-2 Hub 65 x 10
	36	112.75	114.59	118	40	16	LS 50 AT10 / 36-2 Hub 70 x 10
	40	125.45	127.32	131	40	16	LS 50 AT10 / 40-2 Hub 80 x 10
	44	138.20	140.05	144	40	16	LS 50 AT10 / 44-2 Hub 90 x 10
	48	150.95	152.78	-	40	16	LS 50 AT10 / 48-0 Hub 95 x 10
60	189.10	190.98	-	40	16	LS 50 AT10 / 60-0 Hub 110 x 10	
AT10 Belt Width b = 50 mm	20	61.80	63.66	67	60	12	LS 70 AT10 / 20-2 Hub 46 x 10
	22	68.15	70.03	74	60	12	LS 70 AT10 / 22-2 Hub 50 x 10
	24	74.55	76.39	80	60	12	LS 70 AT10 / 24-2 Hub 58 x 10
	25	77.75	79.58	82	60	12	LS 70 AT10 / 25-2 Hub 60 x 10
	27	84.10	85.95	90	60	12	LS 70 AT10 / 27-2 Hub 60 x 10
	30	93.65	95.49	99	60	12	LS 70 AT10 / 30-2 Hub 60 x 10
	32	100.00	101.86	105	60	12	LS 70 AT10 / 32-2 Hub 65 x 10
	36	112.75	114.59	118	60	12	LS 70 AT10 / 36-2 Hub 70 x 10
	40	125.45	127.32	131	60	12	LS 70 AT10 / 40-2 Hub 80 x 10
	44	138.20	140.05	144	60	12	LS 70 AT10 / 44-2 Hub 90 x 10
	48	150.95	152.78	-	60	16	LS 70 AT10 / 48-0 Hub 95 x 10
60	189.10	190.98	-	60	16	LS 70 AT10 / 60-0 Hub 110 x 10	

## Stock Pulleys

### T5



Type -2 z = 10 to 40 teeth

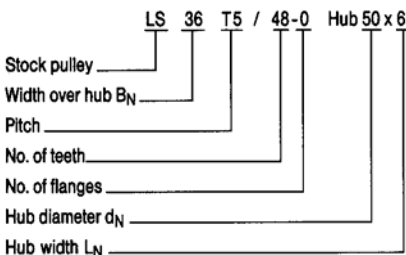


Type -0 z ≥ 48 teeth

### Material

Pulleys: Aluminum  
Flanges: Steel Zinc Plate

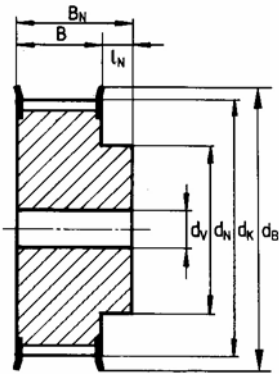
### Ordering Example



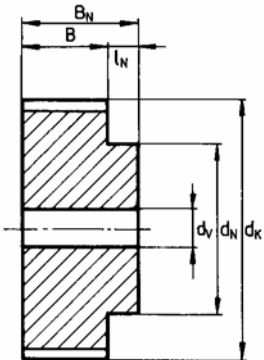
	# of teeth z	Diameters			Face Width B mm	Pilot Bore d <sub>v</sub> mm	Part Numbers	
		Outside d <sub>k</sub> mm	Pitch d <sub>o</sub> mm	Flange d <sub>B</sub> mm				
Belt Width b = 10 mm	10	15.05	15.92	20	15	4	LS 21 T5 / 10-2	Hub 8 x 6
	12	18.25	19.10	23	15	4	LS 21 T5 / 12-2	Hub 12 x 6
	14	21.45	22.29	26	15	6	LS 21 T5 / 14-2	Hub 14 x 6
	15	23.05	23.88	28	15	6	LS 21 T5 / 15-2	Hub 16 x 6
	16	24.60	25.47	30	15	6	LS 21 T5 / 16-2	Hub 18 x 6
	18	27.80	28.65	33	15	6	LS 21 T5 / 18-2	Hub 20 x 6
	19	29.40	30.25	34	15	6	LS 21 T5 / 19-2	Hub 22 x 6
	20	31.00	31.83	36	15	6	LS 21 T5 / 20-2	Hub 24 x 6
	24	37.40	38.21	42	15	6	LS 21 T5 / 24-2	Hub 26 x 6
	25	38.95	39.80	43	15	6	LS 21 T5 / 25-2	Hub 26 x 6
	27	42.20	42.98	47	15	8	LS 21 T5 / 27-2	Hub 30 x 6
	30	46.95	47.76	51	15	8	LS 21 T5 / 30-2	Hub 34 x 6
	32	50.10	50.94	55	15	8	LS 21 T5 / 32-2	Hub 38 x 6
	36	56.45	57.31	61	15	8	LS 21 T5 / 36-2	Hub 38 x 6
	40	62.85	63.66	67	15	8	LS 21 T5 / 40-2	Hub 40 x 6
48	75.55	76.42	-	15	8	LS 21 T5 / 48-0	Hub 50 x 6	
60	94.65	95.52	-	15	8	LS 21 T5 / 60-0	Hub 65 x 6	
Belt Width b = 16 mm	10	15.05	15.92	20	21	4	LS 27 T5 / 10-2	Hub 8 x 6
	12	18.25	19.10	23	21	4	LS 27 T5 / 12-2	Hub 12 x 6
	14	21.45	22.29	26	21	6	LS 27 T5 / 14-2	Hub 14 x 6
	15	23.05	23.88	28	21	6	LS 27 T5 / 15-2	Hub 16 x 6
	16	24.60	25.47	30	21	6	LS 27 T5 / 16-2	Hub 18 x 6
	18	27.80	28.65	33	21	6	LS 27 T5 / 18-2	Hub 20 x 6
	19	29.40	30.25	34	21	6	LS 27 T5 / 19-2	Hub 22 x 6
	20	31.00	31.83	36	21	6	LS 27 T5 / 20-2	Hub 24 x 6
	24	37.40	38.21	42	21	6	LS 27 T5 / 24-2	Hub 26 x 6
	25	38.95	39.80	43	21	6	LS 27 T5 / 25-2	Hub 26 x 6
	27	42.20	42.98	47	21	8	LS 27 T5 / 27-2	Hub 30 x 6
	30	46.95	47.76	51	21	8	LS 27 T5 / 30-2	Hub 34 x 6
	32	50.10	50.94	55	21	8	LS 27 T5 / 32-2	Hub 38 x 6
	36	56.45	57.31	61	21	8	LS 27 T5 / 36-2	Hub 38 x 6
	40	62.85	63.66	67	21	8	LS 27 T5 / 40-2	Hub 40 x 6
48	75.55	76.42	-	21	8	LS 27 T5 / 48-0	Hub 50 x 6	
60	94.65	95.52	-	21	8	LS 27 T5 / 60-0	Hub 65 x 6	
Belt Width b = 25 mm	10	15.05	15.92	20	30	6	LS 36 T5 / 10-2	Hub 8 x 6
	12	18.25	19.10	23	30	6	LS 36 T5 / 12-2	Hub 12 x 6
	14	21.45	22.29	26	30	6	LS 36 T5 / 14-2	Hub 14 x 6
	15	23.05	23.88	28	30	6	LS 36 T5 / 15-2	Hub 16 x 6
	16	24.60	25.47	30	30	6	LS 36 T5 / 16-2	Hub 18 x 6
	18	27.80	28.65	33	30	6	LS 36 T5 / 18-2	Hub 20 x 6
	19	29.40	30.25	34	30	6	LS 36 T5 / 19-2	Hub 22 x 6
	20	31.00	31.83	36	30	6	LS 36 T5 / 20-2	Hub 24 x 6
	24	37.40	38.21	42	30	8	LS 36 T5 / 24-2	Hub 26 x 6
	25	38.95	39.80	43	30	8	LS 36 T5 / 25-2	Hub 26 x 6
	27	42.20	42.98	47	30	8	LS 36 T5 / 27-2	Hub 30 x 6
	30	46.95	47.76	51	30	8	LS 36 T5 / 30-2	Hub 34 x 6
	32	50.10	50.94	55	30	8	LS 36 T5 / 32-2	Hub 38 x 6
	36	56.45	57.31	61	30	8	LS 36 T5 / 36-2	Hub 38 x 6
	40	62.85	63.66	67	30	8	LS 36 T5 / 40-2	Hub 40 x 6
48	75.55	76.42	-	30	8	LS 36 T5 / 48-0	Hub 50 x 6	
60	94.65	95.52	-	30	8	LS 36 T5 / 60-0	Hub 65 x 6	

# TIMING BELT PULLEYS

## Stock Pulleys T10



Type -2 z = up to 40 teeth



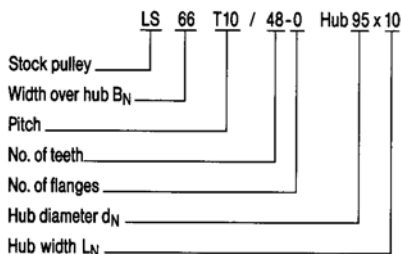
Type -0 z = 48 + 60 teeth

### Material

Pulleys: Aluminum

Flanges: Steel Zinc Plate

### Ordering Example



	# of teeth z	Diameters			Face Width B mm	Pilot Bore d <sub>v</sub> mm	Part Numbers	
		Outside d <sub>k</sub> mm	Pitch d <sub>o</sub> mm	Flange d <sub>B</sub> mm				
	12	36.35	38.20	42	21	6	LS 31 T10 / 12-2	Hub 28 x 10
	14	42.70	44.56	48	21	8	LS 31 T10 / 14-2	Hub 32 x 10
	15	45.90	47.75	51	21	8	LS 31 T10 / 15-2	Hub 32 x 10
	16	49.10	50.93	55	21	8	LS 31 T10 / 16-2	Hub 35 x 10
	18	55.45	57.29	61	21	8	LS 31 T10 / 18-2	Hub 40 x 10
	19	58.65	60.48	64	21	8	LS 31 T10 / 19-2	Hub 44 x 10
	20	61.80	63.66	67	21	8	LS 31 T10 / 20-2	Hub 46 x 10
	24	74.55	76.39	80	21	8	LS 31 T10 / 24-2	Hub 58 x 10
	25	77.75	79.58	82	21	8	LS 31 T10 / 25-2	Hub 60 x 10
	27	84.10	85.95	90	21	8	LS 31 T10 / 27-2	Hub 60 x 10
	30	93.65	95.49	99	21	8	LS 31 T10 / 30-2	Hub 60 x 10
	32	100.00	101.86	105	21	10	LS 31 T10 / 32-2	Hub 65 x 10
	36	112.75	114.59	118	21	10	LS 31 T10 / 36-2	Hub 70 x 10
	40	125.45	127.32	131	21	10	LS 31 T10 / 40-2	Hub 80 x 10
	48	150.95	152.78	-	21	16	LS 31 T10 / 48-0	Hub 95 x 10
	60	189.15	190.98	-	21	16	LS 31 T10 / 60-0	Hub 110 x 10
	12	36.35	38.20	42	30	6	LS 40 T10 / 12-2	Hub 28 x 10
	14	42.70	44.56	48	30	8	LS 40 T10 / 14-2	Hub 32 x 10
	15	45.90	47.75	51	30	8	LS 40 T10 / 15-2	Hub 32 x 10
	16	49.10	50.93	55	30	8	LS 40 T10 / 16-2	Hub 35 x 10
	18	55.45	57.29	61	30	8	LS 40 T10 / 18-2	Hub 40 x 10
	19	58.65	60.48	64	30	8	LS 40 T10 / 19-2	Hub 44 x 10
	20	61.80	63.66	67	30	8	LS 40 T10 / 20-2	Hub 46 x 10
	24	74.55	76.39	80	30	8	LS 40 T10 / 24-2	Hub 58 x 10
	25	77.75	79.58	82	30	8	LS 40 T10 / 25-2	Hub 60 x 10
	27	84.10	85.95	90	30	8	LS 40 T10 / 27-2	Hub 60 x 10
	30	93.65	95.49	99	30	8	LS 40 T10 / 30-2	Hub 60 x 10
	32	100.00	101.86	105	30	10	LS 40 T10 / 32-2	Hub 65 x 10
	36	112.75	114.59	118	30	10	LS 40 T10 / 36-2	Hub 70 x 10
	40	125.45	127.32	131	30	10	LS 40 T10 / 40-2	Hub 80 x 10
	48	150.95	152.78	-	30	16	LS 40 T10 / 48-0	Hub 95 x 10
	60	189.15	190.98	-	30	16	LS 40 T10 / 60-0	Hub 110 x 10
	18	55.45	57.29	61	40	10	LS 50 T10 / 18-2	Hub 40 x 10
	19	58.65	60.48	64	40	10	LS 50 T10 / 19-2	Hub 44 x 10
	20	61.80	63.66	67	40	12	LS 50 T10 / 20-2	Hub 46 x 10
	24	74.55	76.39	80	40	12	LS 50 T10 / 24-2	Hub 58 x 10
	25	77.75	79.58	82	40	12	LS 50 T10 / 25-2	Hub 60 x 10
	27	84.10	85.95	90	40	12	LS 50 T10 / 27-2	Hub 60 x 10
	30	93.65	95.49	99	40	12	LS 50 T10 / 30-2	Hub 60 x 10
	32	100.00	101.86	105	40	12	LS 50 T10 / 32-2	Hub 65 x 10
	36	112.75	114.59	118	40	16	LS 50 T10 / 36-2	Hub 70 x 10
	40	125.45	127.32	131	40	16	LS 50 T10 / 40-2	Hub 80 x 10
	48	150.95	152.78	-	40	16	LS 50 T10 / 48-0	Hub 95 x 10
	60	189.15	190.98	-	40	16	LS 50 T10 / 60-0	Hub 110 x 10
	18	55.45	57.29	61	56	10	LS 66 T10 / 18-2	Hub 40 x 10
	19	58.65	60.48	64	56	10	LS 66 T10 / 19-2	Hub 44 x 10
	20	61.80	63.66	67	56	12	LS 66 T10 / 20-2	Hub 46 x 10
	24	74.55	76.39	80	56	12	LS 66 T10 / 24-2	Hub 58 x 10
	25	77.75	79.58	82	56	12	LS 66 T10 / 25-2	Hub 60 x 10
	27	84.10	85.95	90	56	12	LS 66 T10 / 27-2	Hub 60 x 10
	30	93.65	95.49	99	56	12	LS 66 T10 / 30-2	Hub 60 x 10
	32	100.00	101.86	105	56	12	LS 66 T10 / 32-2	Hub 65 x 10
	36	112.75	114.59	118	56	16	LS 66 T10 / 36-2	Hub 70 x 10
	40	125.45	127.32	131	56	16	LS 66 T10 / 40-2	Hub 80 x 10
	48	150.95	152.78	-	56	16	LS 66 T10 / 48-0	Hub 95 x 10
	60	189.15	190.98	-	56	16	LS 66 T10 / 60-0	Hub 110 x 10

## APPLICATION

BRECO and BRECOFLEX timing belts have been very successful in solving conveying applications. Meshing of pulleys and belt teeth guarantee accurate drive forces. Steel cord tension members allow the transmission of high loads without post elongation. The belts are constructed of polyurethane, which has excellent properties with regards to abrasion and coefficient of friction.

To support the timing belt and the product to be conveyed, slider beds are to be provided. Depending on the functional requirements, slider beds are available with and without edge guiding.

Slider beds are available as standard accessory items based on the various belt widths. Standard sections are 2000 mm long. Longer lengths are also available.

## MATERIAL

The slider beds are constructed of UHMW. This material is abrasion resistant and, at the same time, has a low coefficient of friction. The dynamic coefficient in relation to BRECOFLEX timing belts is:

Standard Polyurethane  $\mu = .3$  approx.

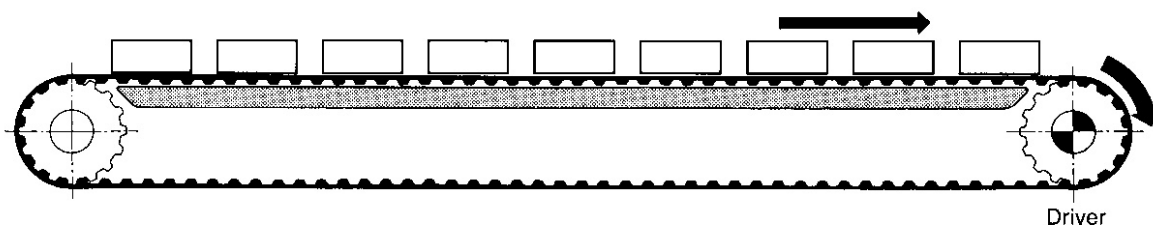
The C-section profile is constructed of zinc plated steel. A rectangular slot is provided to facilitate the use of mounting screws. The C-section profile is to be provided with mounting holes by the customer.

## INSTALLATION HINTS

Because of the relatively high coefficient of thermal expansion of UHMW, expansion slots have to be provided in the slider bed design, which should be cut at an angle of less than 30°. The slider bed should be attached to the C-section steel profile at one end to allow for expansion of the plastic material.

As a rule of thumb, the linear expansion of UHMW is 2 mm over a length of 1000 mm at a temperature variation of 10°C.

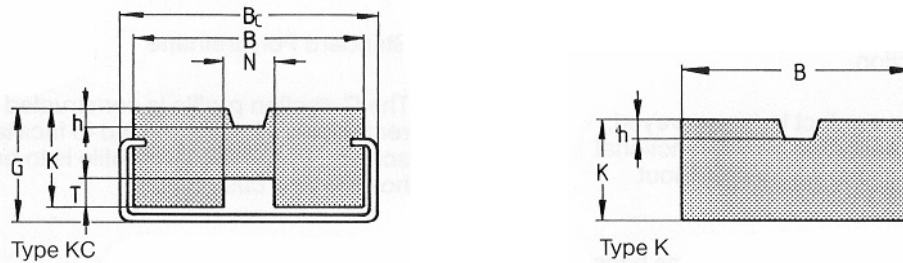
## CONVEYOR SYSTEM WITH TIMING BELT



# SLIDER BEDS

## Slider Beds for Self-tracking Belts

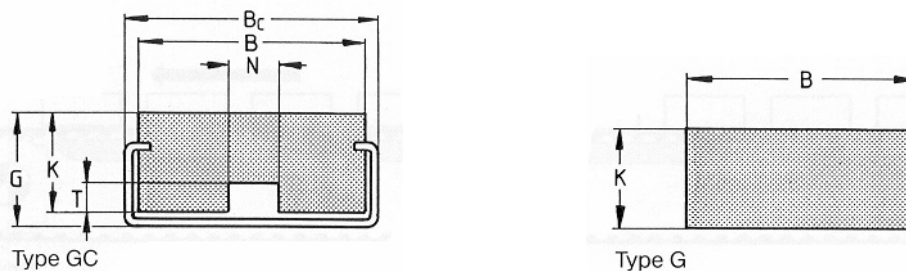
Slider beds with V-groove are used in combination with self-tracking belts.  
Please consult BRECOflex catalog on self-tracking belts.



Part Numbers		B	Bc	N	T	K	G	h	Recommended for Self-tracking belts		
Type KC	Type K	mm	mm	mm	mm	mm	mm	mm			
KC 32 x 4	K 32 x 4	45	50	11	7	22	23.5	4	32 ATK5	32 TK5	
KC 50 x 4	K 50 x 4	68	75	14	9	32	34.5	4	50 ATK5	50 TK5	
KC 32 x 4.5	K 32 x 4.5	45	50	11	7	22	23.5	4.5	32 ATK10	32 TK10	
KC 50 x 4.5	K 50 x 4.5	68	75	14	9	32	34.5	4.5	50 ATK10	50 TK10	50.8 HK
KC 75 x 4.5	K 75 x 4.5	93	100	14	9	32	34.5	4.5	75 ATK10	75 TK10	76.7 HK
KC 100 x 4.5	K 100 x 4.5	118	125	14	9	32	34.5	4.5	100 ATK10	100 TK10	101.6 HK
KC 50 x 2	K 50 x 2	68	75	14	9	32	34.5	2	50 ATK20	50 TK20	
KC 75 x 2	K 75 x 2	93	100	14	9	32	34.5	2	75 ATK20	75 TK20	
KC 100 x 2	K 100 x 2	118	125	14	9	32	34.5	2	100 ATK20	100 TK20	

## Slider Beds Without Edge Guiding

Slider beds without edge guiding can be used with all our polyurethane timing belts.  
They are recommended for all conveying applications with minimal side loads.

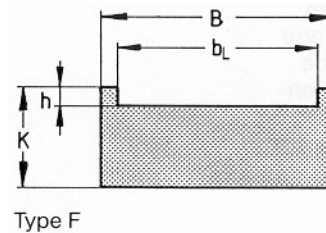
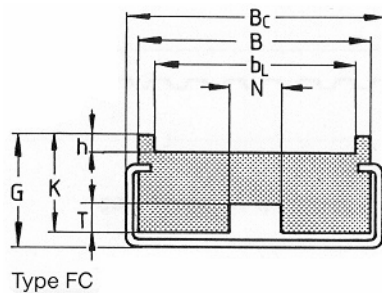


Part Numbers		B	Bc	N	T	K	G	Recommended For Belt Width	
Type GC	Type G	mm	mm	mm	mm	mm	mm		
GC 32	G 32	45	50	11	7	22	23.5	32	
GC 50	G 50	68	75	14	9	32	34.5	50 / 50.8	
GC 75	G 75	93	100	14	9	32	34.5	75 / 76.2	
GC 100	G 100	118	125	14	9	32	34.5	100 / 101.6	



## Slider Beds With Edge Guiding

Slider beds with edge guides are recommended for applications where the timing belt conveyor must be guided due to side thrusts.



Part Numbers		B	Bc	bL	N	T	K	G	h	Recommended for Self-tracking belts	
Type FC	Type F	mm	mm	mm	mm	mm	mm	mm	mm		
FC 32 x2	F 32 x2	45	50	33	11	7	22	23.5	2	32 AT5	32 T5
FC 50 x2	F 50 x2	68	75	51	14	9	32	34.5	2	50 AT5	50 T5
FC 75 x2	F 75 x2	93	100	46	14	9	32	34.5	2	75 AT5	75 T5
FC 100 x2	F 100 x2	118	125	101	14	9	32	34.5	2	100 AT5	100 T5
FC 51 x3	F 51 x3	68	75	52	14	9	32	34.5	3	50.8 T3/8"	
FC 76 x3	F 76 x3	93	100	77	14	9	32	34.5	3	76.2 T3/8"	
FC 101 x3	F 101 x3	118	125	103	14	9	32	34.5	3	101.6 T3/8"	
FC 51 x3.5	F 51 x3.5	68	75	52	14	9	32	34.5	3.5	50.8 T1/2"	
FC 76 x3.5	F 76 x3.5	93	100	77	14	9	32	34.5	3.5	76.2 T1/2"	
FC 101 x3.5	F 101 x3.5	118	125	103	14	9	32	34.5	3.5	101.6 T1/2"	
FC 32 x4	F 32 x4	45	50	33	14	7	22	23.5	4	32 AT10	32 T10
FC 50 x4	F 50 x4	68	75	51	14	9	32	34.5	4	50 AT10	50 T10
FC 75 x4	F 75 x4	93	100	76	14	9	32	34.5	4	75 AT10	75 T10
FC 100 x4	F 100 x4	118	125	101	14	9	32	34.5	4	100 AT10	100 T10
FC 50 x7	F 50 x7	68	75	51	14	9	32	34.5	7	50 AT20	50 T20
FC 75 x7	F 75 x7	93	100	76	14	9	32	34.5	7	75 AT20	75 T20
FC 100 x7	F 100 x7	118	125	101	14	9	32	34.5	7	100 AT20	100 T20

## Ordering Examples

Slider Bed  
Type F, FC, FC 50 x 4 / 2000  
For Belt Width \_\_\_\_\_  
Length in mm \_\_\_\_\_

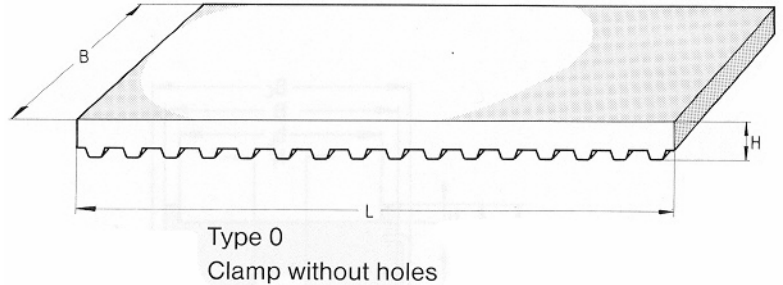
Slider Bed  
Type K, KC KC 50 x 4 / 2000  
For Belt Width \_\_\_\_\_  
Length in mm \_\_\_\_\_

Slider Bed  
Type G, GC GC 50 / 2000  
For Belt Width \_\_\_\_\_  
Length in mm \_\_\_\_\_

# CLAMPS

## STANDARD SIZES

Clamps are frequently used with linear drive applications when one or both ends of the belt are to be attached to the equipment. Pre-tension cannot be applied with clamps.

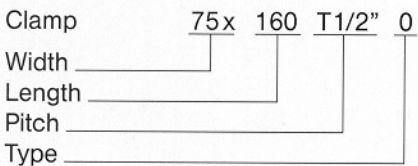


### English Pitches

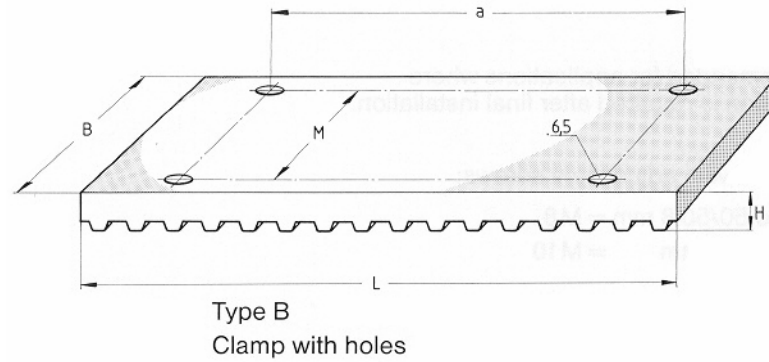
Material: Aluminum

Part Numbers	Belt Width b mm	B mm	L mm	H mm	Belt Type
50 x 120 T1/5"	25.4	50	120	10	25.4 T1/5"
50 x 160 T3/8"			160	10	25.4 T3/8"
50 x 160 T1/2"			160	10	25.4 T1/2"
50 x 200 T7/8"			200	20	25.4 T7/8"
60 x 160 T3/8"	38.1	60	160	10	38.1 T3/8"
60 x 160 T1/2"			160	10	38.1 T1/2"
60 x 200 T7/8"			200	20	38.1 T7/8"
75 x 160 T3/8"	50.8	75	160	10	50.8 T3/8"
75 x 160 T1/2"			160	10	50.8 T1/2"
75 x 200 T7/8"			200	20	50.8 T7/8"
110 x 160 T1/2"	76.2	110	160	10	76.2 T1/2"
110 x 200 T7/8"			200	20	76.2 T7/8"
140 x 160 T1/2"	101.6	140	160	10	101.6 T1/2"
140 x 200 T7/8"			200	20	101.6 T7/8"

### Ordering Example



## STANDARD SIZES

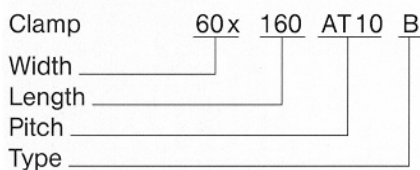


### Metric Pitches

Material: Aluminum

Part Numbers	Belt Width b mm	B mm	L mm	M mm	H mm	a mm	Belt Type
50 x 120 AT 5	25	50	120	38	10	80	25 AT5
50 x 160 AT10			160		10	110	25 AT10
50 x 200 AT20			200		20	160	25 AT20
50 x 120 T5			120		10	80	25 T5
50 x 160 T10			160		10	110	25 T10
50 x 200 T20			200		20	160	25 T20
60 x 120 AT5	32	60	120	46	10	80	32 AT5
60 x 160 AT10			160		10	110	32 AT10
60 x 200 AT20			200		20	160	32 AT20
60 x 120 T5			120		10	80	32 T5
60 x 160 T10			160		10	110	32 T10
60 x 200 T20			200		20	160	32 T20
75 x 120 AT5	50	75	120	62	10	80	50 AT5
75 x 160 AT10			160		10	110	50 AT10
75 x 200 AT20			200		20	160	50 AT20
75 x 120 T5			120		10	80	50 T5
75 x 160 T10			160		10	110	50 T10
75 x 200 T20			200		20	160	50 T20
110 x 120 AT5	75	110	120	94	10	80	75 AT5
110 x 160 AT10			160		10	110	75 AT10
110 x 200 AT20			200		20	160	75 AT20
110 x 120 T5			120		10	80	75 T5
110 x 160 T10			160		10	110	75 T10
110 x 200 T20			200		20	160	75 T20
140 x 120 AT5	100	140	120	124	10	80	100 AT5
140 x 160 AT10			160		10	110	100 AT10
140 x 200 AT20			200		20	160	100 AT20
140 x 120 T5			120		10	80	100 T5
140 x 160 T10			160		10	110	100 T10
140 x 200 T20			200		20	160	100 T20
190 x 160 AT10	150	190	160	174	10	110	150 AT10
190 x 200 AT20			200		20	160	150 AT20
190 x 200 T20			200		20	160	150 T20

### Ordering Example



# TENSIONERS

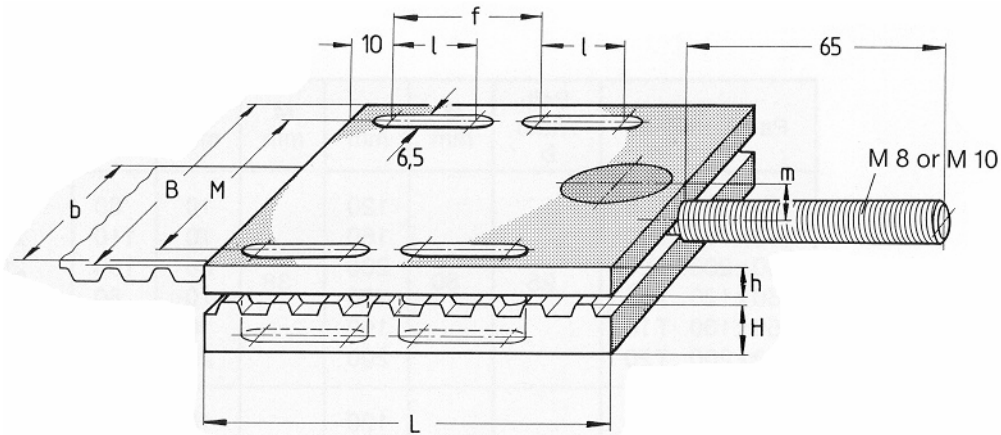
## STANDARD SIZES

Tensioners are recommended for applications where adjustment of pretension is required after final installation.

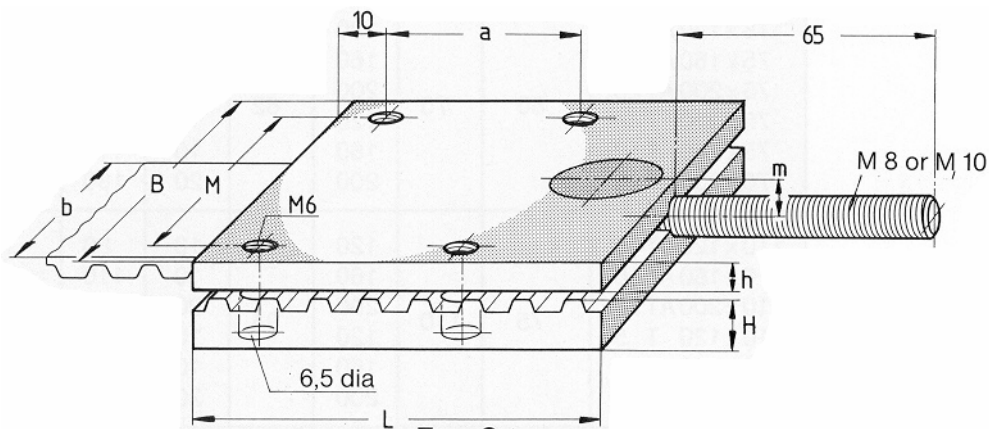
Tensioners are supplied with adjustment screws:

Belt width up to 50/50.8 mm = M 8  
 Belt width up to 150 = M 10

PLEASE  
 CONTACT US FOR  
 UPDATED  
 INFORMATION



**Type L**  
 Cover and toothed plate with slotted holes



**Type G**  
 Cover plate with threaded hole M 6  
 Toothed plate with through hole 6.5 mm dia  
 Belt engagement LE

## STANDARD SIZES

### English Pitches

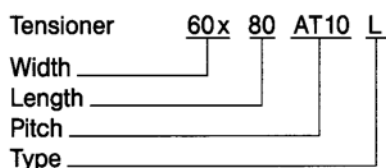
	Belt Width	B mm	L mm	M mm	LE mm	a mm	H mm	h mm	m mm	l mm	f mm	Belt Type
50 x 80 T1/5"	25.4	50	80	38	60	40	10	6	7	15	25	25.4 T1/5"
50 x 80 T3/8"	25.4	50	80	38	60	40	10	6	7	15	25	25.4 T3/8"
50 x 90 T1/2"	25.4	50	90	38	70	50	10	6	7	15	35	25.4 T1/2"
63 x 80 T3/8"	38.1	63	80	51	60	40	10	6	7	15	25	38.1 T3/8"
63 x 90 T1/2"	38.1	63	90	51	70	50	10	6	7	15	35	38.1 T1/2"
75.5 x 80 T3/8"	50.8	76	80	64	60	40	10	6	7	15	25	50.8 T3/8"
75.5 x 90 T1/2"	50.8	76	90	64	70	50	10	6	7	15	35	50.8 T1/2"
101 x 90 T1/2"	76.2	101	90	89	70	50	10	6	7	15	35	76.2 T1/2"
126 x 90 T1/2"	102	126	90	114	70	50	10	6	7	15	35	101.6 T1/2"
126 x 140 T7/8"	102	126	140	114	110	70	20	8	11	25	55	101.6 T7/8"

### Metric Pitches

50 x 80 AT5 50 x 80 T5 50 x 80 AT10 50 x 80 T10	25	50	80	38	60	40	10	6	7	15	25	25 AT5 25 T5 25 AT10 25 T10
50 x 130 AT20 50 x 130 T20	25	50	130	38	100	70	20	8	9.5	25	36	25 AT20 25 T20
60 x 80 AT5 60 x 80 T5 60 x 80 AT10 60 x 80 T10	32	60	80	46	60	40	10	6	7	15	25	32 AT5 32 T5 32 AT10 32 T10
60 x 130 AT20 60 x 130 T20	32	60	130	46	100	70	20	8	9.5	25	55	32 AT20 32 T20
75 x 80 AT5 75 x 80 T5 75 x 80 AT10 75 x 80 T10	50	75	80	62	60	40	10	6	7	15	25	50 AT5 50 T5 50 AT10 50 T10
75 x 130 AT20 75 x 130 T20	50	75	130	62	100	70	20	8	9.5	25	55	50 AT20 50 T20
110 x 80 AT5 110 x 80 T5 110 x 80 AT10 110 x 80 T10	75	110	80	94	60	40	10	6	7	15	25	75 AT5 75 T5 75 AT10 75 T10
110 x 130 AT20 110 x 130 T20	75	110	130	94	100	70	20	8	9.5	25	55	75 AT20 75 T20
140 x 80 AT5 140 x 80 T5 140 x 80 AT10 140 x 80 T10	100	140	80	124	60	40	10	6	7	15	25	100 AT5 100 T5 100 AT10 100 T10
140 x 130 AT20 140 x 130 T20	100	140	130	124	100	70	20	8	9.5	25	55	100 AT20 100 T20
190 x 80 AT10	150	190	80	174	60	40	10	6	7	15	25	150 AT10
190 x 130 AT20 190 x 130 T20	150	190	130	174	100	70	20	8	9.5	25	55	150 AT20 150 T20

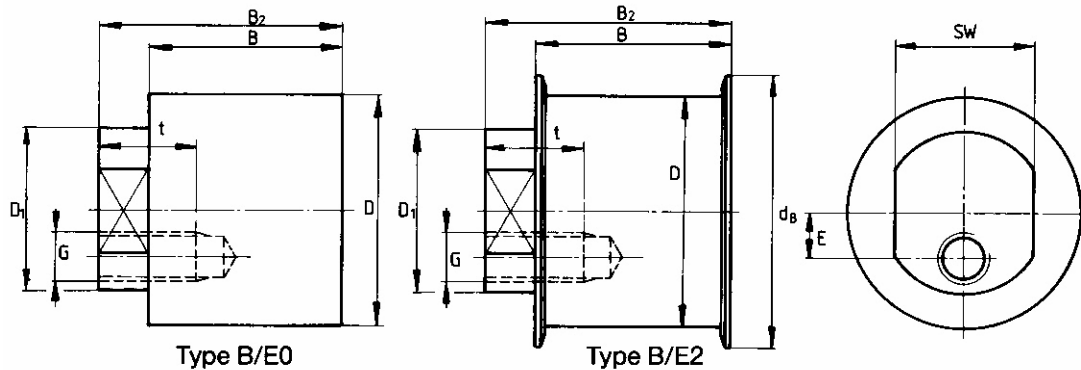
Material: Aluminum

### Ordering Example



# TENSIONERS

## Stock Type B With Eccentric Adjustment



### Specifications

Tensioners Type B incorporate 2 ball bearings. They are permanently lubricated and will not lose their lubricity up to 70°C continuous temperature. Intermittent temperatures up to 120°C are permissible.

#### Material

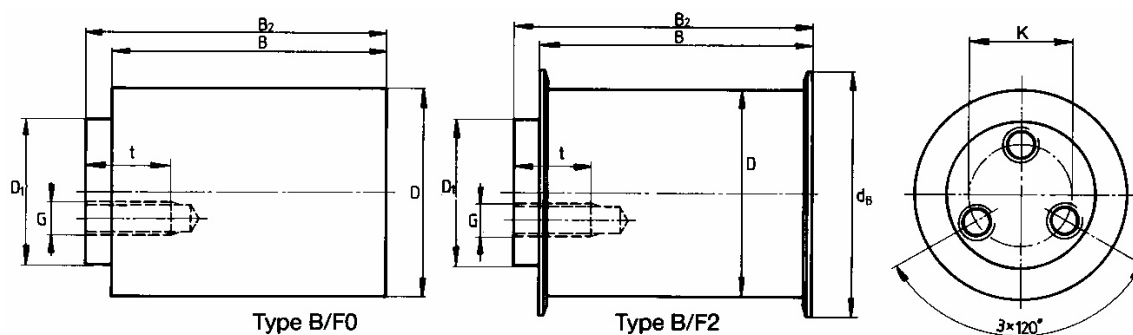
Shaft: Steel  
Flat pulley: Aluminum  
Flanges: Aluminum

#### Ordering Example

Tensioner Type B 117 / 180 - 2  
Width B  
Diameter  
No. of flanges

Part Numbers		Type	B	D	dB	B2	E
			mm	mm	mm	mm	mm
Tensioner type B	34 / 32-0	B/E0	34	32	-	42	5
Tensioner type B	34 / 32-2	B/E2	34	32	41.4	42	5
Tensioner type B	40 / 60-0	B/E0	40	60	-	50	5
Tensioner type B	AT5-40 / 60-2	B/E2	40	60	69.4	50	5
Tensioner type B	T10-40 / 60-2	B/E2	40	60	73.0	50	5
Tensioner type B	64 / 60-0	B/E0	64	60	-	74	5
Tensioner type B	AT5-64 / 60-2	B/E2	64	60	69.4	74	5
Tensioner type B	T10-64 / 60-2	B/E2	64	60	73.0	74	5
Tensioner type B	114 / 60-0	B/F0	114	60	-	124	-
Tensioner type B	AT5-114 / 60-2	B/F2	114	60	69.4	124	-
Tensioner type B	T10-114 / 60-2	B/F2	114	60	73.0	124	-
Tensioner type B	70 / 120-0	B/E0	70	120	-	85	5
Tensioner type B	AT10-70 / 120-2	B/E2	70	120	137.0	85	5
Tensioner type B	T20-70 / 120-2	B/E2	70	120	144.0	85	5
Tensioner type B	117 / 120-0	B/F0	117	120	-	131	-
Tensioner type B	AT10-117 / 120-2	B/F2	117	120	137.0	131	-
Tensioner type B	T20-117 / 120-2	B/F2	117	120	144.0	131	-
Tensioner type B	117 / 180-0	B/F0	117	180	-	131	-
Tensioner type B	117 / 180-2	B/F2	117	180	204.0	131	-

## Stock Type B With Flange



K mm	G mm	t mm	SW mm	D1 mm	Load Ratings		Max. rpm n	Recommended Applications	
					Cdynamic N	Cstatic N		Max. Belt Width mm	Belt Type mm
-	M6	15	17	20	7,950	3,920	30,000	25	T5, XL
-	M6	15	17	20	7,950	3,920	30,000	25	T5, XL
-	M12	20	27	30	19,300	13,100	15,000	32	AT5, T10, L, H
-	M12	20	27	30	19,300	13,100	15,000	32	AT5
-	M12	20	27	30	19,300	13,100	15,000	32	T10, L, H
-	M12	20	27	30	19,300	13,100	15,000	50	AT5, T10, L, H
-	M12	20	27	30	19,300	13,100	15,000	50	AT5
-	M12	20	27	30	19,300	13,100	15,000	50	T10, L, H
34	M8 (3x)	15	-	45	19,300	13,100	15,000	100	AT5, T10, L, H
34	M8 (3x)	15	-	45	19,300	13,100	15,000	100	AT5
34	M8 (3x)	15	-	45	19,300	13,100	15,000	100	T10
-	M20	30	36	45	70,500	48,000	7,500	50	AT10, T20
-	M20	30	36	45	70,500	48,000	7,500	50	AT10
-	M20	30	36	45	70,500	48,000	7,500	50	T20
65	M12 (3x)	24	-	85	70,500	48,000	7,500	100	AT10, T20
65	M12 (3x)	24	-	85	70,500	48,000	7,500	100	AT10
65	M12 (3x)	24	-	85	70,500	48,000	7,500	100	T20
80	M16 (3x)	25	-	106	106,000	76,000	6,300	100	AT20
80	M16 (3x)	25	-	106	106,000	76,000	6,300	100	AT20

# BRECOflex CO., L.L.C.

High Precision Drive Components



**BRECOflex CO., L.L.C.**  
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