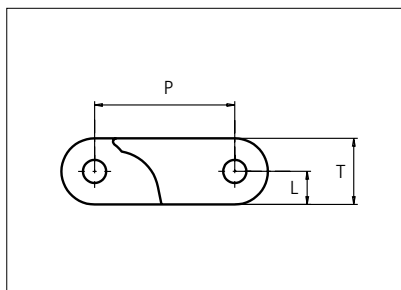




Plastic Modular Belt

Series **uni XLB** Type **M2 Closed**



Straight running belt
Nominal pitch: 63.5 mm (2.50 in)
Surface type: Flat
Surface opening: Closed
Backflex radius: 100.0 mm (3.90 in)
Pin diameter: 10.0 mm (0.39 in)

Belt material & color	POM-NL K			mm	in		mm	in
	 PA6.6 N  PP D	 SS G  PP D	P (Nominal)	63.5	2.50	T	30.0	1.18
Pin and lock material & color			L	15.0	0.59	-	-	-

Non standard material and color: See uni Material and Color Overview.

Belt width		Permissible tensile force (Belt/pin material)				Belt weight (Belt/pin material)				*Min. No. drive sprocket per shaft	Number of wear strips (Min. No.)	
		POM-NL/PA6.6		POM-NL/SS		POM-NL/PA6.6		POM-NL/SS			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft			
82***	3.2	7560	1699	8400	1888	2.6	1.75	3.4	2.30	2	2	2
101	4.0	9045	2033	10050	2259	3.1	2.09	4.1	2.76	2	2	2
201	7.9	18054	4059	20060	4510	6.2	4.18	8.2	5.50	2	2	2
301	11.8	27063	6084	30070	6760	9.3	6.26	12.3	8.25	3	3	2
401	15.8	36072	8109	40080	9010	12.4	8.35	16.4	10.99	3	3	2
501	19.7	45082	10134	50091	11260	15.5	10.44	20.4	13.73	4	4	2
601	23.7	54091	12160	60101	13511	18.6	12.52	24.5	16.48	5	5	3
701	27.6	63100	14185	70111	15761	21.7	14.61	28.6	19.22	5	5	3
801	31.5	72109	16210	80121	18011	24.8	16.69	32.7	21.97	6	6	3
901	35.5	81118	18235	90131	20261	27.9	18.78	36.8	24.71	7	7	4
1001	39.4	90127	20261	100141	22512	31.0	20.86	40.9	27.46	7	7	4
1102	43.4	99136	22286	110151	24762	34.1	22.95	44.9	30.20	8	8	4

Additional standard belt widths are available in steps of 100.1 mm (3.94 in). Additional non-standard belt widths are available in steps of 33.4 mm (1.31 in).

1902	74.9	171180	38481	190200	42757	59.0	39.63	77.6	52.15	13	13	7
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Additional standard belt widths are available in steps of 100.1 mm (3.94 in). Additional non-standard belt widths are available in steps of 33.4 mm (1.31 in).

2903	114.3	261270	58733	290300	65259	90.0	60.48	118.4	79.60	20	20	10
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General belt tolerance is +0/-0.4% at 23°C/73°F and 50% RH. For exact belt width contact Customer Service. Non standard belt width on request.

*Max. Load per Drive Sprocket. Belt material: POM-NL 12000 N (2698 lbf).

**Max. Spacing between wear strips, Carry: 152.0 mm (6.00 in); Return: 304.0 mm (12.00 in).

***Type: uni XLB M1 C.

= Single Link

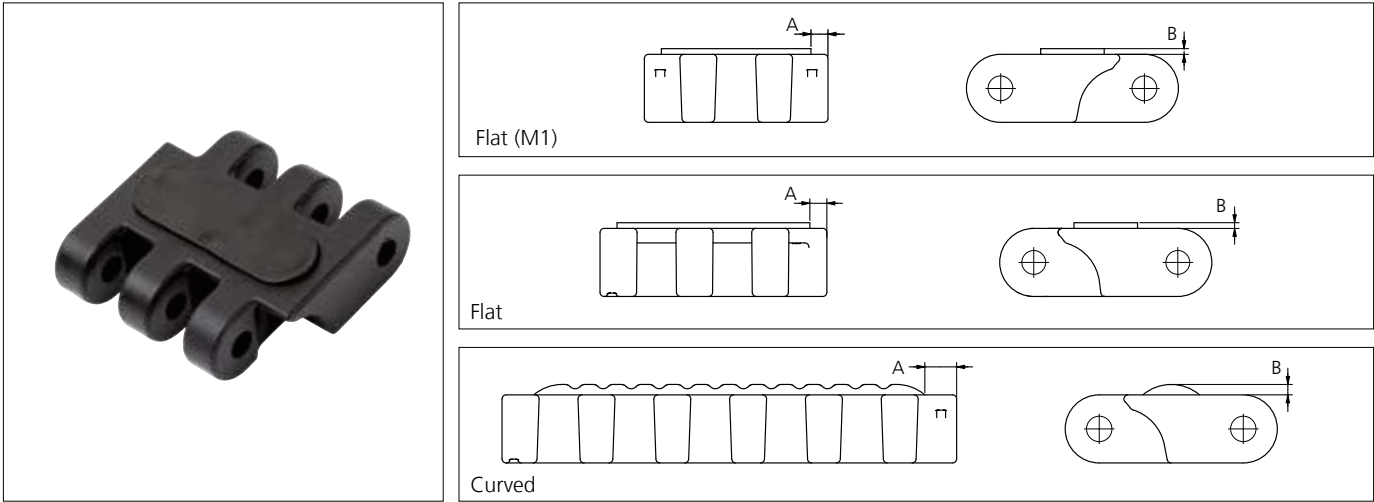
STANDARD

STRAIGHT RUNNING

PITCH 63.5 MM/2.50 IN

Accessories

Rubber Top

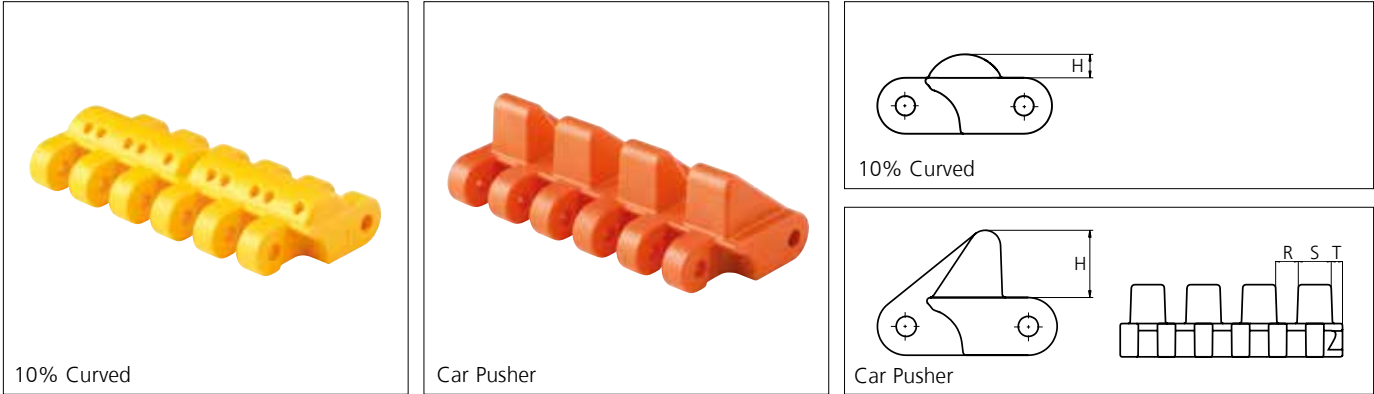


Type	Belt Material & color	Rubber Material & color	A		B		Link size	Width	
			mm	in	mm	in		mm	in
Flat	POM-NL K	05 K	7.5	0.3	2.5	0.10	K318	81.1	3.19
			7.5	0.3	2.5	0.10	K400	100.1	3.94
Curved Rib			14.0	0.58	4.6	0.18	K800	200.2	7.88

Other Non Standard Rubber profiles: See uni Rubber Profile Overview.

Accessories

Flight



Type	Material & color	H		Link size	Width		R		S		T	
		mm	in		mm	in	mm	in	mm	in	mm	in
10% Curved	POM-D UV Y	12.5	0.49	K400	101.6	4.00	-	-	-	-	-	-
				K800	199.6	7.86	-	-	-	-	-	-
Car Pusher	POM-DK O	35.0	1.38	K800	199.6	7.86	18.1	0.71	32.0	1.26	9.0	0.35

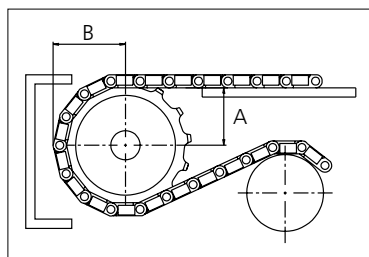
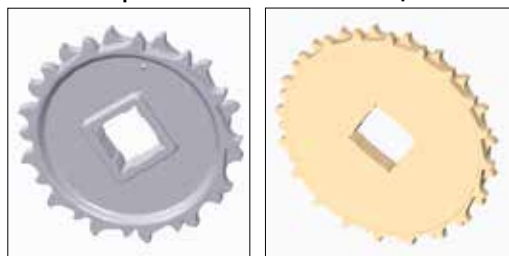
Non Standard material and color: See uni Material and Color Overview.

Sprocket

No. of teeth	Bore size								Overall diameter		Pitch diameter		Hub diameter		Dimension A		Dimension B		Double row/Two way	LG	N
	Pilot Bore	in	1.50	1.57	2.36	2.50	3.00	3.54													
	mm	38.1	40.0	60.0	63.5	76.2	90.0	120.0	mm	in	mm	in	mm	in	mm	in	mm	in			
Z10	✓		■	■	■	■	■	■	204.3	8.04	205.5	8.09	100.0	3.94	82.7	3.26	117.8	4.64	✓	✓	
Z13	✓		■	■	■	■	■	■	264.4	10.41	265.4	10.45	150.0	5.91	113.8	4.48	147.7	5.81	✓	✓	✓
Z15	✓		■	■	■	■	■	■	306.0	12.05	305.4	12.02	150.0	5.91	134.4	5.29	167.7	6.60	✓	✓	
Z20	✓		■	■	■	■	■	■	408.0	16.06	406.0	15.98	360.0	14.07	185.5	7.30	218	8.58	✓		✓

■ Molded sprocket

■ Machined sprocket



Other sprocket sizes are available upon request.

Two-part sprocket are available upon request.

Other bore sizes are available upon request.

uni Retainer Rings: See uni Retainer Ring data sheet

Width of tooth = 16.0 mm (0.63 in)

Width of sprocket = 33.0 mm (1.30 in)

Max load per sprocket shown does not take bore size into account.

Please also ensure that sufficient size shaft is chosen for corresponding load.

For correct sprocket position: See uni Assembly Instructions for uni XLB.

For more detailed sprocket information, contact Customer Service.

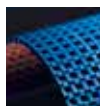
Non standard material
and color: See uni Material
and Color Overview.



Synthetic Belts



Endless Woven Belts



Modular Belts



Engineered Belts



Homogeneous Belts



Fabrication & Service

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for all your belting needs.**

ammeraalbeltech.com
eptool.online

Ammeraal Beltech Modular A/S

Hjulmagervej 21
DK-7100 Vejle
T +45 7572 3100

ammega.com

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