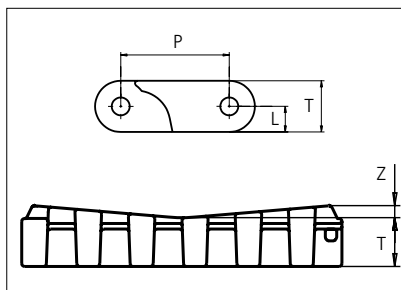




Plastic Modular Belt

Series **uni XLB** Type **M2 V8**



Straight running belt
Nominal pitch: 63.5 mm (2.50 in)
Surface type: V8
Surface opening: Closed
Backflex radius: 120.0 mm (4.72 in)
Pin diameter: 10.0 mm (0.39 in)

Belt material & color	POM-D K			mm	in		mm	in
	 PA6.6 	 SS 	P (Nominal)	63.5	2.50	T	30.0	1.18
			L	15.0	0.59	Z	8.0	0.31
Pin and lock material & color	 PP 	 PP 						

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-D/PA6.6		POM-D/SS		POM-D/PA6.6		POM-D/SS			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft			
201	7.9	18090	4067	20100	4518	6.8	4.58	8.5	5.71	2	2	2
401	15.8	36104	8116	40115	9018	13.6	9.14	17.0	11.40	3	3	2
601	23.7	54117	12166	60130	13517	20.4	13.70	25.4	17.09	5	5	3
801	31.6	72131	16215	80146	18017	27.2	18.26	33.9	22.78	6	6	3

Additional standard belt widths are available in steps of 201 mm (7.91 in) Additional non-standard belt widths are available in steps of 33.4 mm (1.31 in).
General belt tolerance is +0/-0.4% at 23°C/73°F. For exact belt width contact Customer Service. Non standard belt width on request.

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

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

= Single Link

STANDARD

STRAIGHT RUNNING

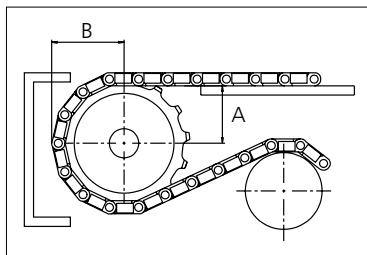
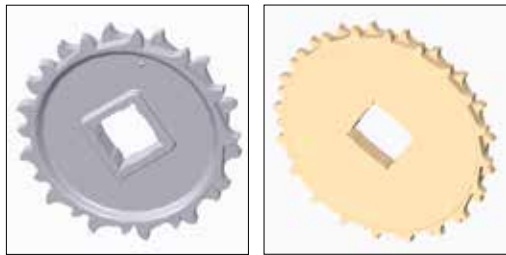
PITCH 63.5 MM/2.50 IN

Sprocket

No. of teeth	Bore size									Overall diameter		Pitch diameter		Hub diameter		Dimension A		Dimension B		Double row/Two way	PA6 LG	
	Pilot Bore	in	1.50	1.57	2.36	2.50	3.00	3.54	4.72													
			mm	38.1	40.0	60.0	63.5	76.2	90.0	120.0	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.

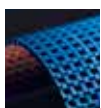
Non standard material
and color: See uni Material
and Color Overview.



Synthetic Belts



Endless Woven Belts



Modular Belts



Engineered Belts



Homogeneous Belts



Fabrication & Service

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for all your belting needs.**

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