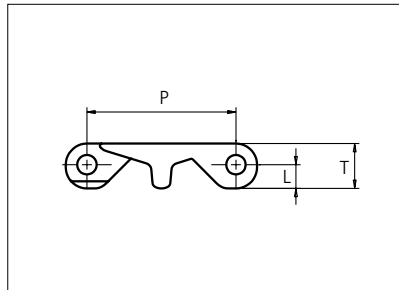




Plastic Modular Belt

Series **uni X-MPB** Type **C**



Straight running belt
Nominal pitch: 63.5 mm (2.50 in)
Surface type: Flat
Surface opening: Closed
Backflex radius: 75 mm (2.95 in)
Pin diameter: ø8 mm (0.31 in)

Belt material & color	POM-DI W	PE-I N		mm	in		mm	in
Pin and lock material & color	 PA6.6 N		P (Nominal)	63.5	2.50	T	19.1	0.75
			L	10.1	0.40	-	-	-

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

Alternative pin and lock materials: Lockpin: PP **W** PBT **LG**

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-DI/PA6.6		PE-I/PA6.6		POM-DI/PA6.6		PE-I/PA6.6			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft			
76	3.0	2280	513	760	171	1.1	0.75	0.8	0.51	2	2	2
151	6.0	4545	1022	1515	341	2.2	1.49	1.5	1.02	2	2	2
227	8.9	6809	1531	2270	510	3.3	2.23	2.3	1.53	2	2	2
302	11.9	9074	2040	3025	680	4.4	2.97	3.0	2.03	3	3	2
378	14.9	11339	2549	3780	850	5.5	3.71	3.8	2.54	3	3	2
453	17.9	13603	3058	4534	1019	6.6	4.45	4.5	3.05	4	4	2
529	20.8	15868	3567	5289	1189	7.7	5.19	5.3	3.55	4	4	2
604	23.8	18133	4076	6044	1359	8.8	5.93	6.0	4.06	5	5	3
680	26.8	20397	4585	6799	1528	9.9	6.67	6.8	4.57	5	5	3
755	29.7	22662	5094	7554	1698	11.0	7.41	7.6	5.08	6	6	3
831	32.7	24927	5604	8309	1868	12.1	8.15	8.3	5.58	6	6	3
906	35.7	27191	6113	9064	2038	13.2	8.89	9.1	6.09	7	7	4
982	38.7	29456	6622	9819	2207	14.3	9.63	9.8	6.60	7	7	4

Additional standard belt widths are available in steps of 75.5 mm (2.97 in.) Additional non-standard belt widths are available in steps of 25.2 mm (0.99 in.)

1963	77.3	58890	13238	19630	4413	28.7	19.26	19.6	13.19	14	14	7
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Additional standard belt widths are available in steps of 75.5 mm (2.97 in.) Additional non-standard belt widths are available in steps of 25.2 mm (0.99 in.)

2945	115.9	88350	19861	29450	6620	43.0	28.90	29.5	19.79	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.

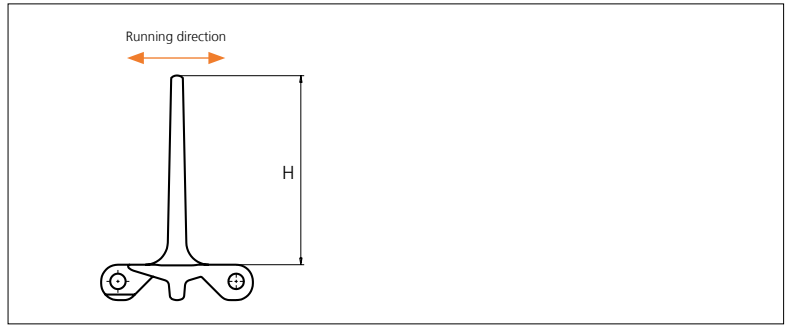
*Max. Load per Drive Sprocket. Belt material: POM-DI 4000 N (899 lbf), PE-I 3000 N (674 lbf)

**Max. Spacing between wear strips, Carry: 152 mm (6 in.) ; Return: 304 mm (12 in.)

= Single Link

Accessories

Flight



Type	Material & color	H		Link size	Width		Indent	
		mm	in		mm	in	mm	in
Flat	POM-DI W	101.6	4.00	K600	151.0	5.94	0.0	0.00

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

Sprocket

No of teeth	Pilot Bore	Bore size												Overall diameter		Pitch-diameter		Hub-diameter		A-dimension		B-dimension		Single row/Two way	Double row/Two way	Molded	Machined
		in	0.75	0.78	0.98	1.00	1.18	1.25	1.50	1.57	2.36	2.50	3.54														
		mm	19.1	20.0	25.0	25.4	30.0	31.8	38.1	40.0	60.0	63.5	90.0	mm	in	mm	in	mm	in	mm	in	mm	in				
Z06	x						●	●	●	●				124.2	4.89	126.0	4.96	70.0	2.76	44.9	1.77	72.5	2.85		x	x	
Z08	x								●	●				165.6	6.52	164.6	6.48	70.0	2.76	66.6	2.62	92.0	3.62		x	x	
Z10	x								●	●				206.6	8.13	203.9	8.03	70.0	2.76	87.6	3.45	111.7	4.40		x	x	
Z13	x								●	●				267.8	10.54	265.3	10.44	150.0	5.91	118.7	4.67	141.7	5.58		x		x

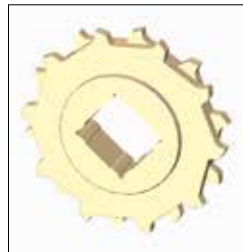
■ Molded sprocket



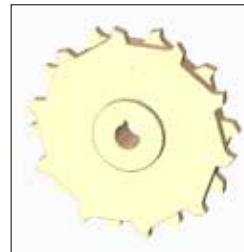
● Machined sprocket



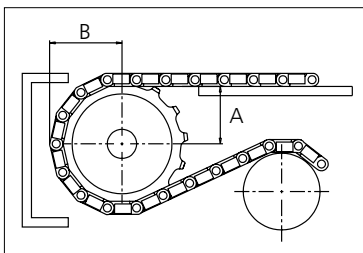
■ Molded sprocket



● Machined sprocket



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



Other sprocket sizes are available upon request.
Two-part sprocket are available upon request.
Round bores are always delivered with keyway.
Other bore sizes are available upon request.
uni Retainer Rings: See uni Retainer Ring data sheet.
Width of tooth = 12.0 mm (0.47 in)
Width of sprocket = 43.3 mm (1.67 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 X-MPB.
For more detailed sprocket information, contact Customer Service.



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