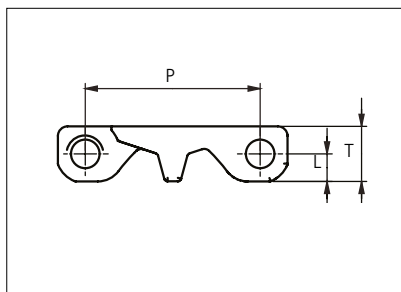
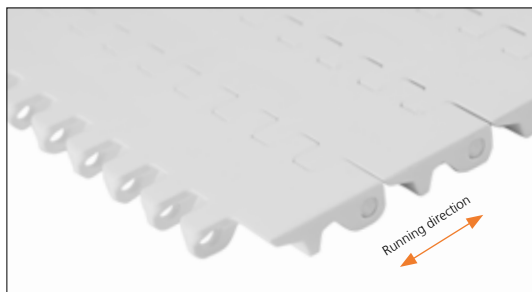


# Plastic Modular Belt

Series **uni DTB** Type **Closed**



Straight running belt  
 Nominal pitch: 50.8 mm (2.00 in)  
 Surface type: Flat  
 Surface opening: Closed  
 Backflex radius: 65.0 mm (2.6 in)  
 Pin diameter: 8.00 mm (0.31 in)

<b>Belt material &amp; color</b>	PK-I <span style="border: 1px solid black; padding: 0 2px;">W</span> <span style="border: 1px solid black; padding: 0 2px;">B</span>	<b>mm</b>	<b>in</b>	<b>mm</b>	<b>in</b>
<b>Pin material &amp; color</b>	PP <span style="border: 1px solid black; padding: 0 2px;">W</span>	<b>P (Nominal)</b>	50.8	2.00	<b>T</b>
		<b>L</b>	8.0	0.31	-
					16.0
					0.63

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.)	
		PK-I/PP		PK-I/PP			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	Kg/m	lb/ft			
402	15.8	7357	1654	4.3	2.90	3	2	2
427	16.8	7814	1757	4.6	3.08	3	2	2
452	17.8	8272	1859	4.8	3.26	4	2	2
477	18.8	8729	1962	5.1	3.44	4	2	2
503	19.8	9205	2069	5.4	3.63	4	3	2
528	20.8	9662	2172	5.7	3.81	4	3	2
553	21.8	10120	2275	5.9	3.99	4	3	2
579	22.8	10596	2382	6.2	4.18	4	3	2
604	23.8	11053	2485	6.5	4.36	5	3	3
629	24.8	11511	2588	6.7	4.54	5	3	3
654	25.7	11968	2690	7.0	4.72	5	3	3
680	26.8	12444	2797	7.3	4.90	5	3	3
705	27.8	12902	2900	7.6	5.08	5	3	3
730	28.7	13359	3003	7.8	5.26	5	3	3
756	29.8	13835	3110	8.1	5.45	6	4	3
781	30.7	14292	3213	8.4	5.63	6	4	3
806	31.7	14750	3316	8.6	5.81	6	4	3
832	32.8	15226	3423	8.9	6.00	6	4	3

Additional standard belt widths are available in steps of 25.4 mm (1.00 in).

908	35.7	16616	3735	9.7	6.55	7	4	4
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Additional standard belt widths are available in steps of 25.4 mm (1.00 in).

1060	41.7	19398	4361	11.4	7.64	8	5	4
1085	42.7	19856	4464	11.6	7.82	8	5	4

**Width above 42 inch consist of 3 links.**

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.

Maxi Link = Assembled with minimum amount of links per row.

\*Max. Load per Drive Sprocket. Belt material: PK 1500 N (337 lbf) with Snub roller, PK 1000 N (225 lbf) without Snub roller

\*\*Max. Spacing between wear strips, Carry: 254.0 mm (10.00 in); Return: 305.0 mm (12.00 in).

= Single Link  = Assembled with 2 maxi links



STANDARD

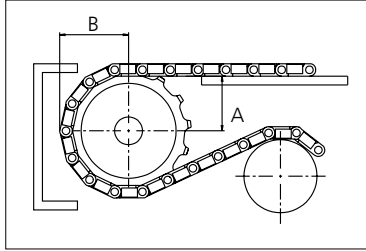
STRAIGHT RUNNING

PITCH 50.8 MM/2.00 IN

## uni UltraClean Sprocket

No. of teeth	Bore size			Overall diameter		Pitch-diameter		Hub-diameter		Dimension A		Dimension B		Single row/One way	Moulded	W PA6
	in	1.50	1.57													
	mm	38.1	40.0	mm	in	mm	in	mm	in	mm	in					
Z8		■	■	132.9	5.23	132.8	5.23	70.0	2.76	53.3	2.10	74.9	2.94	✓	✓	
Z10		■	■	166.3	6.55	164.4	6.47	70.0	2.76	70.2	2.76	90.7	3.57	✓	✓	
Z12		■	■	198.6	7.82	196.3	7.73	70.0	2.76	86.8	3.42	106.6	4.19	✓	✓	

### ■ Moulded uni UltraClean Sprocket



Width of UltraClean sprocket = Single row: 38.0 mm (1.50 in)  
 Width of UltraClean sprocket, tooth = Single row: 12.5 mm (0.37 in)

uni Retainer Rings: See uni Retainer Ring data sheet.  
 For correct sprocket position: See uni Assembly Instructions for uni DTB.  
 For more detailed sprocket information, contact Customer Service.



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