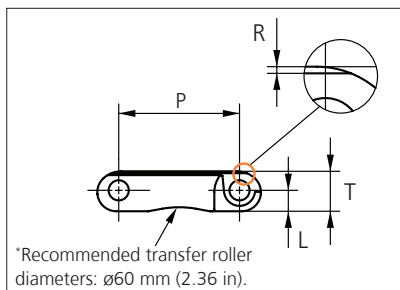
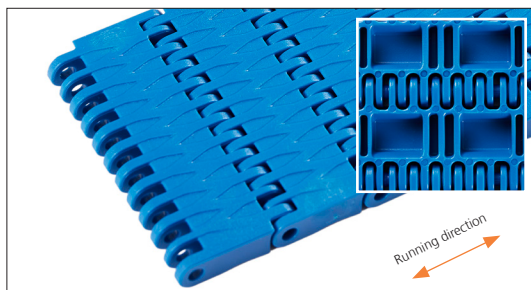




Plastic Modular Belt

Series **uni JCB** Type **Chain Y-Top**



Straight running belt
 Nominal pitch: 25.4 mm (1.00 in)
 Surface type: Y Pattern surface grid
 Surface opening: 0%
 Backflex radius: 25.0 mm (0.98 in)
 Pin diameter: 4.0 mm (0.16 in)

Belt material & color	POM SLF B
Pin material & color	PA6.6 B

	mm	in		mm	in		mm	in
P (Nominal)	25.4	1.00	T (K200)	8.4	0.33	R	0.4	0.02
L	4.4	0.17	T (K300)	9.4	0.37			

Non standard material and color: See uni Material and Color Overview.
 Alternative pin and lock systems and materials: Contact Customer Service.

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 SLF/PA6.6		POM SLF/PA6.6			***Carry (pcs)	**Return (pcs)
mm	in	N	lbf	kg/m	lb/ft			
51	2.0	1785	401	0.3	0.22	1	2	2
77	3.0	2695	606	0.5	0.34	1	2	2

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-SLF 2300 N (517 lbf).

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

***Full Carry way Support (FS) deck of wearstrip material recommended for safe walk belts.

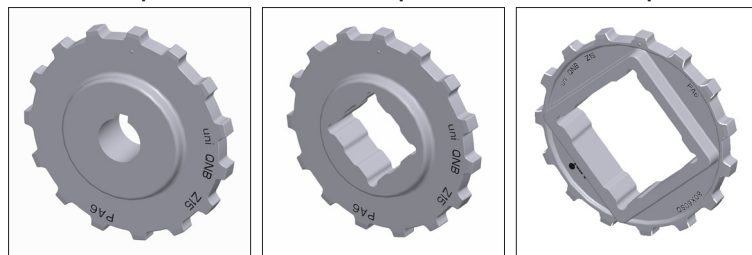
Sprocket

No. of teeth	Bore size										Overall diameter		Pitch diameter		Hub diameter		Dimension A		Dimension B		Single row/Two way	Moulded	PA6 LG
	Pilot bore	in		1.00	1.18	1.25	1.50	1.57	2.36	2.50													
	mm	25.4	30.0	31.8	38.1	40.0	60.0	63.5	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z10	✓	●	●	●	■	●			80.3	3.16	82.2	3.24	65.0	2.56	34.7	1.36	45.5	1.79	✓	✓	✓	✓	✓
Z12	✓	●	●	●	■	■			96.8	3.81	98.1	3.86	70.0	2.76	43.0	1.69	53.5	2.11	✓	✓	✓	✓	✓
Z15	✓		●	●	■	■	2	1	121.5	4.78	122.2	4.81	70.0 100.0 104.0	2.76 3.94 4.09	55.4	2.18	65.5	2.58	✓	✓	✓	✓	✓
Z18	✓		●	●	■	■	2	1	146.0	5.75	146.3	5.76	70.0 104.0 120.0	2.76 4.09 4.72	67.6	2.66	77.5	3.05	✓	✓	✓	✓	✓
Z19	✓		●	●	■	■	1	1	154.2	6.07	154.3	6.07	70.0 120.0	2.76 4.72	71.7	2.82	81.6	3.21	✓	✓	✓	✓	✓

● Moulded sprocket

■ Moulded sprocket

■ Moulded sprocket



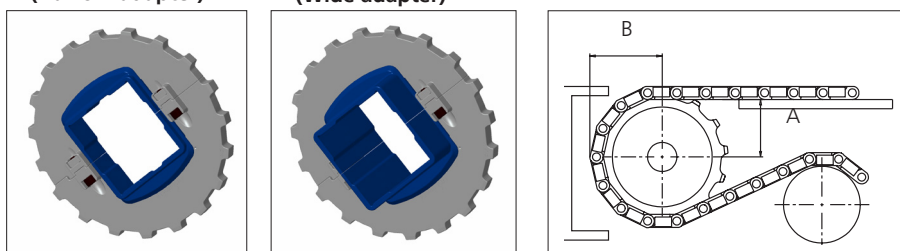
Other sprocket sizes are available upon request.
Round bores are always delivered with keyway.
Max load per sprocket shown does not take bore size into account.
Please also ensure that sufficient size shaft is chosen for corresponding load.
Other bore sizes are available upon request.
uni Retainer Rings: See uni Retainer Ring data sheet.
Width of tooth = 10.0 mm (0.39 in)
Width of OnePart sprocket = 25.0 mm (0.98 in)

uni UltraFit Two-Part Sprocket

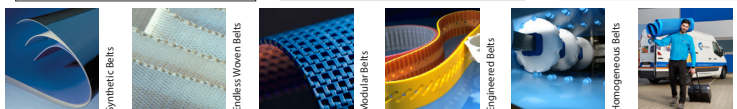
No. of teeth	Bore size					Overall diameter		Pitch diameter		Hub/adaptor diameter		Hub/adaptor width		Dimension A		Dimension B		Single row/Two way	Moulded	PA6 LG	Adaptor Moulded	POM-D B
	in		1.50	1.57	2.36																	
	mm	38.1	40.0	60.0	63.5	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in					
Z12		■	■			96.8	3.81	98.2	3.87	83.0	3.27	25.0 76.0	0.98 2.99	43	1.69	53.5	2.11	✓	✓	✓	✓	✓
Z13		■	■			104.8	4.13	106.2	4.18	83.0	3.27	25.0 76.0	0.98 2.99	47.1	1.86	57.1	2.25	✓	✓	✓	✓	✓
Z15		■	■	■	■	121.5	4.78	122.5	4.82	106.0	4.14	25.0 76.0	0.98 2.99	55.4	2.18	65.5	2.58	✓	✓	✓	✓	✓
Z16		■	■	■	■	129.7	5.11	130.2	5.13	106.0	4.14	25.0 76.0	0.98 2.99	59.5	2.35	69.5	2.74	✓	✓	✓	✓	✓
Z18		■	■	■	■	146.1	5.75	146.3	5.76	106.0	4.14	25.0 76.0	0.98 2.99	67.6	2.66	77.5	3.05	✓	✓	✓	✓	✓
Z19		■	■	■	■	154.2	6.07	154.3	6.07	106.0	4.14	25.0 76.0	0.98 2.99	71.7	2.82	81.6	3.21	✓	✓	✓	✓	✓

■ Moulded uni UltraFit TwoPart Sprocket (Narrow adapter)

■ Moulded uni UltraFit TwoPart Sprocket (Wide adapter)



For correct sprocket position:
See uni Assembly Instructions for uni JCB.
For more detailed sprocket information contact Customer Service.



Expert advice and quality solutions for all your belting needs.
ammegaalbeltech.com

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