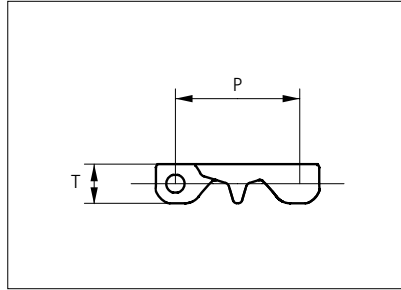


Plastic Modular Belt

Series **uni ECB** Type **C**



Straight running belt
 Nominal pitch: 50.8 mm (2.00 in)
 Surface type: Closed
 Surface opening: 0%
 Front- and backflex radius:
 65 mm (2.60 in)
 uni Snap link (pinless)

Belt material & color	POM SI W	mm	in		mm	in
		P (Nominal)	50.8	2.00	T	16.0

Non standard material and color: See uni Material and Color Overview.
 POM-SI B is available as MTO and can be used as marker in belt.
 Please note that uni ECB in POM-SI blue is not according to the standard color quality for blue. Small variations may occur.

Belt width			Permissible tensile force (Belt material)		Weight (Belt material)		Min No drive sprocket per shaft	Number of wear strips (min no)	
			POM-SI		POM-SI			**Carry (pcs)	**Return (pcs)
	mm	in	N	lb	kg/m	lb/ft			
K1600	402	15.8	4400	899	5.0	3.36	3	3	2
K1800	452	17.8	5500	1236	6.2	4.44	4	4	2
K2000	501	19.8	5500	1236	6.6	4.17	4	4	2
K2400	603	23.7	6600	1484	7.5	5.04	5	5	3
K3000	754	29.7	7700	1731	9.3	6.25	6	6	3
K3200	806	31.7	8800	1978	10.0	6.72	6	6	3

General belt tolerance is +0/-0.4% at 23°C/73°F.
 *Max. Load per Drive Sprocket. Belt material: 1500 N (337 lbf).
 **Max. Spacing between wear strips, Carry: 152 mm (6 in); Return: 304 mm (12 in).
 All materials are FDA approved for use with food contact. uni ECB complies to the following standards; EC 1935/2004, EU 10/2011, NSF/ANSI/3-A STANDARD 14159-1.
 Material temperature range: -40 to +90°C (-40 to +194°F).
 Non standard belt widths: K1600/K2400/K3200 can be bricklaid to make higher belt widths.
 Non standard belt widths is not recommended by uni-chains because of cleanability.

= Single Link

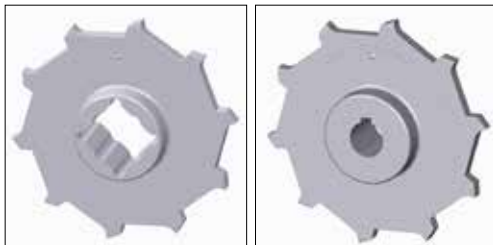


STANDARD
STRAIGHT RUNNING
PITCH 50.8 MM/2.00 IN

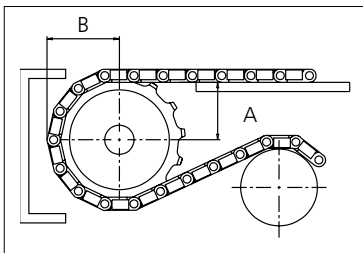
Sprocket

No of teeth	Bore size												Overall diameter		Pitch-diameter		Hub-diameter		* A-dimension		B-dimension		Single row/One way	Double row/Two way	Molded PA6 LG	Machined PA6 N
	Pilot bore	mm	20.0	25.0	25.4	30.0	31.8	38.1	40.0	60.0	63.5	90.0														
	in	0.78	0.98	1.00	1.18	1.25	1.50	1.57	2.36	2.50	3.54	mm	in	mm	in	mm	in	mm	in							
Z08	x				●	●	●	■	■				132.9	5.23	132.8	5.23	65	2.56	53.3	2.10	74.9	2.95	x		x	
Z10	x					●	●	■	■				166.3	6.55	164.4	6.47	65	2.56	70.2	2.76	90.7	3.57	x		x	
Z10										■	■		166.3	6.55	164.4	6.47	120	4.72	70.2	2.76	90.7	3.57	x		x	
Z12	x					●	●	■	■				198.6	7.82	196.3	7.73	65	2.56	86.8	3.42	106.6	4.20	x		x	
Z12										■	■		198.6	7.82	196.3	7.73	120	4.72	86.8	3.42	106.6	4.20	x		x	
Z16	x					●	●	■	■	■	■		263.8	10.39	260.4	10.25	150	5.90	119.7	4.71	138.7	5.46	x		x	

■ Molded sprocket ● Molded sprocket



Round bores are always delivered with keyway



Other sprocket sizes are available upon request.
 Two-part sprockets 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 = 9.5 mm (0.37 in)
 Width of sprocket = 42.3 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 ECB.
 For more detailed sprocket information, contact Customer Service.

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