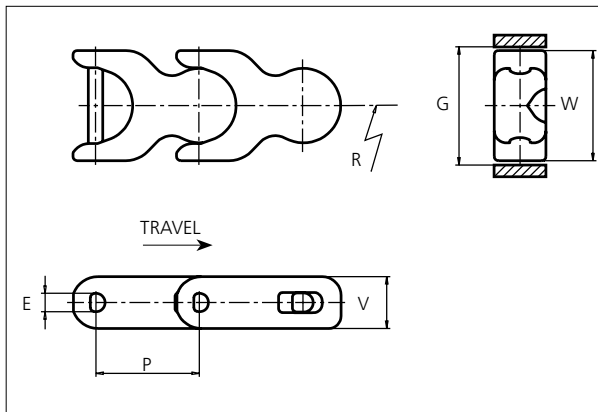




uni Flex Plastic Chain

Series **uni 1707** Type -



uni Flex Plastic Chain

Side flexing chain
Pitch: 50.0 mm (1.97 in)
Backflex radius:
70.0 mm (2.80 in)
Permissible tensile strength:
POM material 3200 N (719 lbf)

Standard shipping lengths:
boxes of 122 links
= 6.105 m (20.0 ft)

E		G		P		V	
mm	in	mm	in	mm	in	mm	in
8.7	0.34	57.0	2.24	50.0	1.97	25.0	0.98

All dimensions are for chains in POM material.

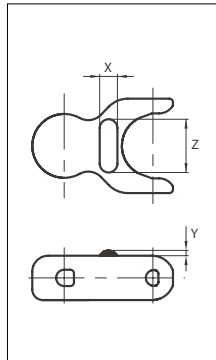
Width (W)		Recommended material & color	Recommended Pin material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
53.2	2.09	POM-D W	SS304	-	-	135.0	5.31

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

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

Accessories

Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview

Link material	Rubber material	X		Z		Y	
		mm	in	mm	in	mm	in
POM-D W	05 I	10.0	0.39	25.0	0.98	3.0	0.12

NON STANDARD

SIDE FLEXING

PITCH 50.0 MM/1.97 IN

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6 LG	Molded Cast Iron	Machined PA6 N	Machined SS304
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in				
Z8	130.7	5.14	133.0	5.20	20.00	0.80	40.00	1.60	63.00	2.50	47.90	1.90	82.40	3.20	✓	✓	✓	✓
Z10	161.8	6.37	166.1	6.50	20.00	0.80	40.00	1.60	63.00	2.50	64.50	2.50	97.30	3.80	✓	✓	✓	✓
Z12	193.2	7.61	196.0	7.70	20.00	0.80	40.00	1.60	63.00	2.50	80.80	3.20	112.40	4.40	✓	✓	✓	
Z13	208.9	8.22	214.0	8.40	20.00	0.80	40.00	1.60	63.00	2.50	88.90	3.50	120.10	4.70	✓	✓	✓	

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

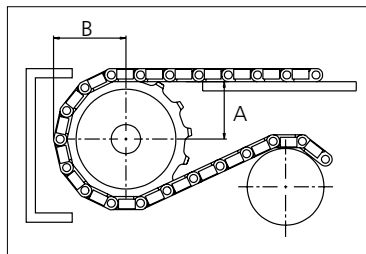
Molded sprocket



Cast iron sprocket



Machined sprocket



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request

Width of tooth: 11.0 mm/0.43 in

Width of sprocket: 42.3 mm/1.67 in

Width of cast iron sprocket: 41.3 mm/1.63 in

uni Retainer Rings: See uni Retainer Ring data sheet

uni Idler: See uni Idler data sheet

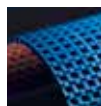
uni 1707/2021.10.22



Synthetic Belts



Endless Woven Belts



Modular Belts



Engineered Belts



Homogeneous Belts



Fabrication & Service

**Expert advice and quality solutions
for all your belting needs.**
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