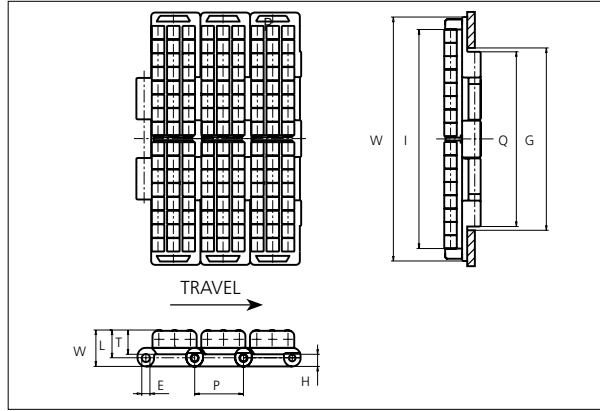


Special Plastic Chain

Series **uni 821** Type **PRR4**



Special Plastic Chain
 Straight running chain
 Pitch: 38.1 mm (1.50 in)
 Backflex radius: 225.0 mm (8.90 in)
 Permissible tensile strength:
 POM material: 3000 N (674 lbf)
 Delivery: 3.048 m (10 ft)
 No. of links/box: 80
 Axle materials for $\varnothing 5.0$ mm (0.20 in) accumulation rollers: See uni Material and Color Overview.

NON STANDARD

E		G		H		I (K750)		I (K1000)		I (K1200)		L		P		Q		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
6.4	0.25	140.0	5.51	9.5	0.37	174.5	6.87	238.0	9.37	288.8	11.37	22.2	0.87	38.1	1.50	136.5	5.37	19.0	0.75	28.5	1.12

All dimensions are for chains in POM material.

	Width (W)		Recommended base material & color	Recommended roller material & color	Recommended pin material	Weight	
	mm	in				kg/m	lb/ft
K750	190.5	7.50	POM-LF BR	POM-D K	SS304	6.9	4.64
K1000	254.0	10.00	POM-LF BR	POM-D K	SS304	8.8	5.91
K1200	304.8	12.00	POM-LF BR	POM-D K	SS304	10.2	6.85

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

STRAIGHT RUNNING

PITCH 38.1 MM/1.50 IN

Any questions? Please contact us.

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		A-dimension		B-dimension		Molded PA6 LG	Molded Cast Iron	Machined PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z19	117.3	4.62	117.0	4.61	20.0	0.79	40.0	1.57	58.0	2.28	58.7	2.31	64.5	2.54	x	x	x
Z21	129.2	5.09	130.0	5.12	20.0	0.79	40.0	1.57	58.0	2.28	65.0	2.56	70.5	2.78	x	x	x
Z23	141.2	5.56	142.0	5.59	20.0	0.79	40.0	1.57	58.0	2.28	71.2	2.80	76.5	3.01	x	x	x
Z25	153.2	6.03	155.0	6.10	20.0	0.79	40.0	1.57	58.0	2.28	77.4	3.05	82.5	3.25	x	x	x
Z27	165.2	6.50	167.0	6.57	20.0	0.79	70.0	2.76	0	0	83.6	3.29	88.5	3.48		x	x
Z29	177.2	6.98	179.0	7.05	20.0	0.79	70.0	2.76	0	0	89.8	3.54	94.6	3.72		x	x
Z31	189.3	7.45	192.0	7.56	20.0	0.79	70.0	2.76	0	0	95.9	3.78	100.6	3.96		x	x

Two part sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		A-dimension		B-dimension		Molded PA6 LG	Molded Cast Iron	Machined PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z25	153.2	6.03	155.0	6.10	20.0	0.79	40.0	1.57	58.0	2.28	77.4	3.05	82.5	3.25	x		

Molded sprocket



Cast iron sprocket



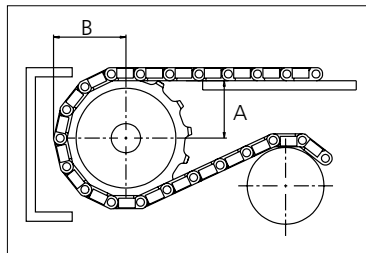
Machined sprocket



Two part sprocket



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



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

Other sprocket sizes are available upon request

Width of tooth: 79.4 mm/3.13 in

Width of sprocket: 79.4 mm/3.13 in

uni Retainer Rings: See uni Retainer Ring data sheet

uni Idler: See uni Idler data sheet

uni Guide Rings can be mounted on cast iron and machined sprockets. See uni Guide Rings data sheet

Any questions? Please contact us.