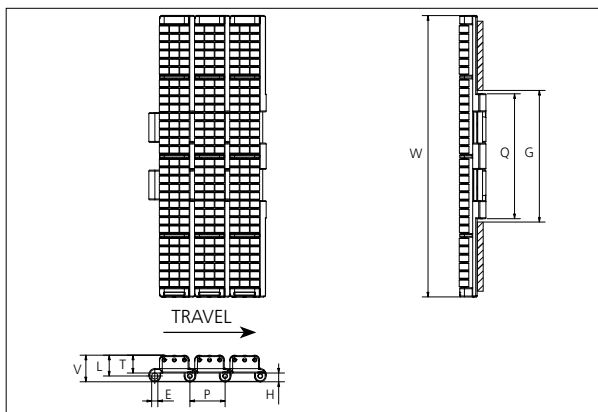
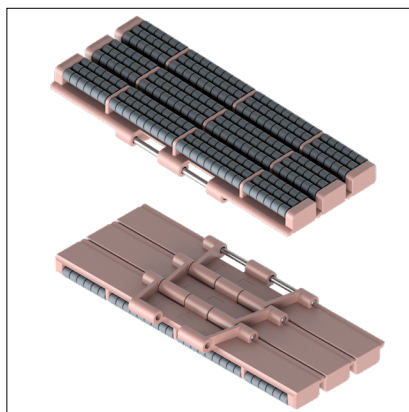




Special Plastic Chain

Series **uni 821** Type **LBP**



Special Plastic Chain

Straight running chain
Pitch: 38.1 mm (1.50 in)
Backflex radius: 150.0 mm (5.90 in)
Permissible tensile strength:
POM material: 2700 N (606 lbf)

Standard shipping lengths:
boxes of 40 links
= 1.524 m (5.0 ft)

Pin materials for ø4.0 mm
(0.16 in) accumulation rollers: See
uni Material and Color Overview.

E		G		H		L		P		Q		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
6.4	0.25	136.5	5.37	9.5	0.37	22.6	0.89	38.1	1.50	135.4	5.33	19.4	0.76	28.8	1.13

All dimensions are for chains in POM material.

	Width (W)		Base material & color	Roller material & color	Pin material	Weight	
	mm	in				kg/m	lb/ft
K750	190.5	7.50	POM-LF BR	POM-LF DG	SS304	5.1	3.43
K1000	254.0	10.00	POM-LF BR	POM-LF DG	SS304	7.1	4.77
K1200	304.8	12.00	POM-LF BR	POM-LF DG	SS304	8.3	5.58

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

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

STANDARD

STRAIGHT RUNNING

PITCH 38.1 MM/1.50 IN

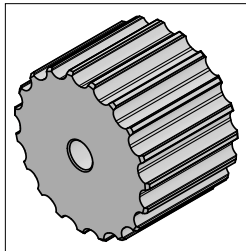
Sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Machined Cast Iron	Machined PA6 	Molded PA6 
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z15	93.7	3.69	93.0	3.66	20.0	0.79	40.0	1.57	0	0	50.1	1.97	71.5	2.81	✓	✓	
Z17	105.5	4.15	104.0	4.09	20.0	0.79	40.0	1.57	0	0	56.0	2.20	77.4	3.05	✓	✓	
Z19	117.0	4.60	117.0	4.60	20.0	0.79	40.0	1.57	0	0	61.9	2.44	83.3	3.28	✓	✓	✓
Z21	129.3	5.09	129.0	5.08	20.0	0.79	40.0	1.57	0	0	67.8	2.67	89.2	3.51	✓	✓	✓
Z23	141.2	5.56	141.0	5.55	20.0	0.79	40.0	1.57	0	0	73.8	2.91	95.2	3.75	✓	✓	✓
Z25	153.2	6.03	153.0	6.02	20.0	0.79	45.0	1.77	0	0	79.8	3.14	101.2	3.98	✓	✓	✓
Z27	165.2	6.50	165.0	6.50	20.0	0.79	40.0	1.57	0	0	85.8	3.38	107.2	4.22	✓		

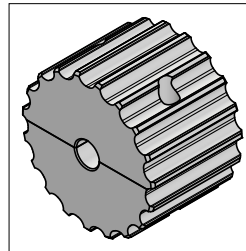
Two part sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Machined PA6 	Molded PA6 
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
Z15	93.7	3.69	93.0	3.66	20.0	0.79	40.0	1.57	0	0	50.1	1.97	71.5	2.81	✓	
Z17	105.5	4.15	104.0	4.09	20.0	0.79	40.0	1.57	0	0	56.0	2.20	77.4	3.05	✓	
Z19	117.0	4.60	117.0	4.60	20.0	0.79	40.0	1.57	0	0	61.9	2.44	83.3	3.28	✓	
Z21	129.3	5.09	129.0	5.08	20.0	0.79	40.0	1.57	0	0	67.8	2.67	89.2	3.51	✓	
Z23	141.2	5.56	141.0	5.55	20.0	0.79	40.0	1.57	0	0	73.8	2.91	95.2	3.75	✓	
Z25	153.2	6.03	153.0	6.02	20.0	0.79	45.0	1.77	0	0	79.8	3.14	101.2	3.98	✓	✓
Z27	165.2	6.50	165.0	6.50	20.0	0.79	40.0	1.57	0	0	85.8	3.38	107.2	4.22		

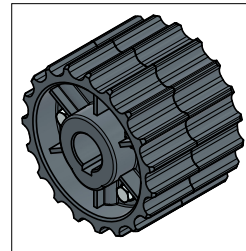
Machined solid sprocket



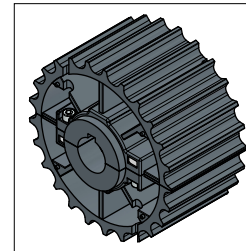
Machined two-part sprocket



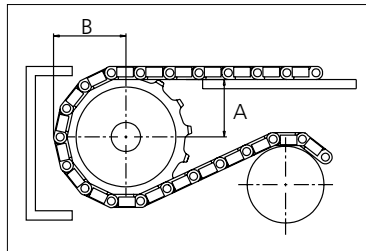
Moulded solid sprocket



Moulded 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: 80.0 mm (3.15 in)
Width of sprocket: 80.0 mm (3.15 in)
Width of moulded two-part sprocket: 100.0 mm (3.94 in)
uni Retainer Rings: See uni Retainer Ring data sheet:
<https://app.eptool.online/downloads?query=retainer+ring>



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