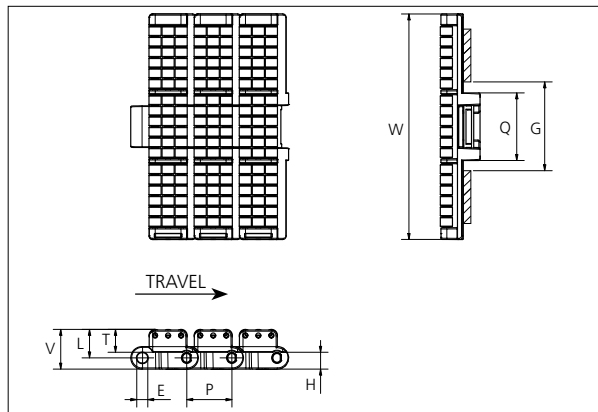
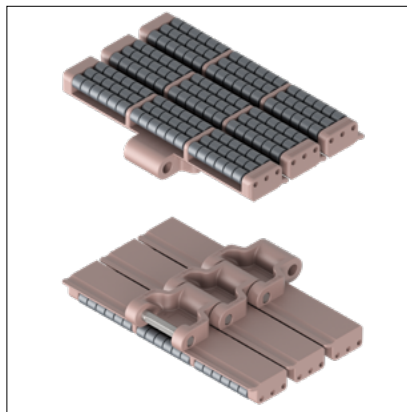




Special Plastic Chain

Series **uni 8257** Type **LBP**



Special Plastic Chain

Side flexing chain
Pitch: 38.1 mm (1.50 in)
Backflex radius:
150.0 mm (5.9 in)
Permissible tensile strength:
POM material:
3900 N (876 lbf)
Standard shipping lengths:
boxes of 40 links
= 1.524 m (5.0 ft)

E		G		H		L		P		Q		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
9.3	0.37	60.0	2.36	14.2	0.56	24.0	0.94	38.1	1.50	57.0	2.24	19.3	0.76	33.5	1.32

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 G	SS304	5.6	3.70
K1000	254.0	10.00	POM-LF BR	POM-D G	SS304	7.3	4.87
K1200	304.8	12.00	POM-LF BR	POM-D G	SS304	8.5	5.64

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

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

STANDARD

SIDE FLEXING

PITCH 38.1 MM/1.50 IN

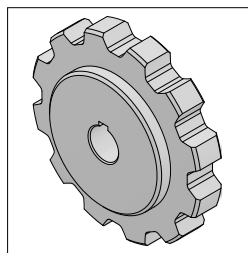
Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Machined PA6 
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z9	111.4	4.39	112.5	4.43	25.0	0.98	40.0	1.57	62.5	2.46	60.4	2.38	83.0	3.27	✓
Z10	123.4	4.86	124.9	4.92	25.0	0.98	40.0	1.57	74.9	2.95	66.4	2.62	88.4	3.48	✓
Z11	135.2	5.32	136.4	5.37	25.0	0.98	40.0	1.57	86.4	3.40	72.3	2.85	94.3	3.71	✓
Z12	147.2	5.80	148.5	5.85	25.0	0.98	40.0	1.57	98.5	3.88	78.6	3.09	100.3	3.95	✓

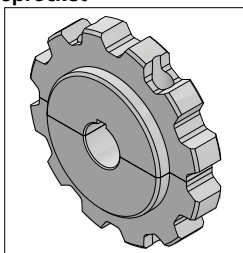
Two-part sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6 LG	Machined PA6 
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
Z9	111.4	4.39	112.5	4.43	25.0	0.98	45.0	1.77	62.5	2.46	60.4	2.38	83.0	3.27		✓
Z10	123.4	4.86	124.9	4.92	25.0	0.98	45.0	1.77	74.9	2.95	66.4	2.62	88.4	3.48		✓
Z11	135.2	5.32	136.4	5.37	25.0	0.98	45.0	1.77	86.4	3.40	72.3	2.85	94.3	3.71		✓
Z12	147.2	5.80	148.5	5.85	25.0	0.98	45.0	1.77	98.5	3.88	78.6	3.09	100.3	3.95	✓	✓

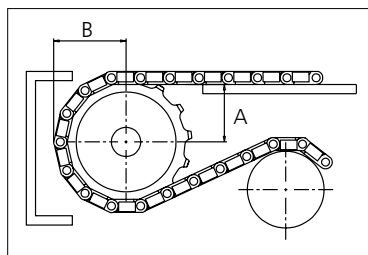
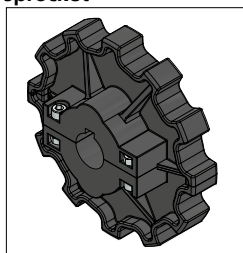
Machined sprocket



Machined two-part sprocket



Molded two-part sprocket



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

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

Other sprocket sizes are available upon request
Width of tooth: 22.20 mm/0.87 in
Width of Machined sprocket: 42.0 mm/1.65 in
Width of Moulded sprocket: 58.5 mm/2.30 in
uni Retainer Rings: See uni Retainer Ring data sheet:
<https://app.eptool.online/downloads?query=retainer+ring>



uni 8257 LBP / 2025.10.08



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