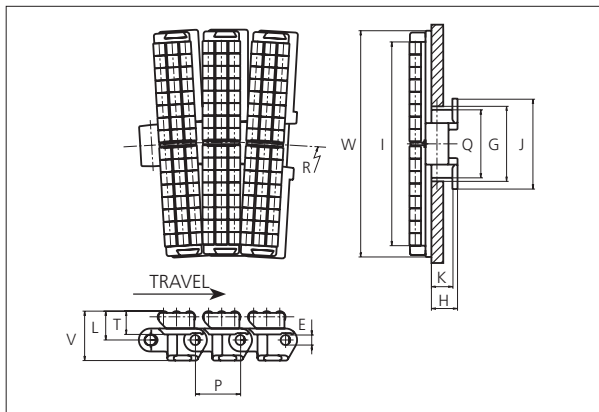




Special Plastic Chains

Series **uni 882** Type **Tab PRR**



Special Plastic Chains

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius:

101.0 mm (4.00 in)

Permissible tensile strength:

POM material: 4000 N (899 lbf)

Standard shipping lengths:

boxes of 80 links

= 3.048 m (10.0 ft)

Axle materials for $\varnothing 5.0$ mm

(0.20 in) accumulation rollers: See

uni Material and Color Overview.

E		G		H		I (K325)		I (K400)		I (K750)		J		K		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	mm	in	mm	in
8.7	0.34	59.5	2.34	22.2	0.87	79.3	3.12	98.3	3.87	174.5	6.87	76.2	3.00	17.5	0.69	23.5	0.93	38.1	1.50	57.2	2.25	19.0	0.75	41.2	1.62

All dimensions are for chains in POM material.

Width (W)			Base material & color	Roller material & color	Pin material	Weight		Min. radius (R)	
	mm	in				kg/m	lb/ft	mm	in
K375	95.3	3.75	POM-LF BR	POM-LF BR	SS304	3.4	2.28	610	24.02
K450	114.3	4.50	POM-LF BR	POM-LF BR	SS304	3.9	2.62	610	24.02
K750	190.5	7.50	POM-LF BR	POM-LF BR	SS304	5.6	3.76	610	24.02

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

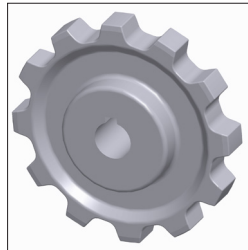
Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6 LG	Molded Cast Iron	Machined PA6 LG
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z9	111.4	4.39	112.7	4.44	20.0	0.79	45.0	1.77	60.0	2.36	57.1	2.25	79.4	3.13	✓	✓	
Z10	123.3	4.85	125.0	4.92	20.0	0.79	45.0	1.77	65.0	2.56	63.4	2.50	85.3	3.36	✓	✓	
Z11	135.2	5.32	137.4	5.41	20.0	0.79	50.0	1.97	73.5	2.89	69.6	2.74	91.3	3.59	✓	✓	
Z12	147.2	5.80	150.6	5.93	20.0	0.79	50.0	1.97	73.5	2.89	75.8	2.98	97.3	3.83	✓	✓	
Z15	183.3	7.22	186.9	7.36	20.0	0.79	50.0	1.97	120.0	4.72	94.3	3.71	115.3	4.54		✓	✓

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
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z9	111.4	4.39	112.7	4.31	20.0	0.79	45.0	1.77	60.0	2.36	57.1	2.25	79.4	3.13	✓
Z10	123.3	4.85	125.0	4.81	20.0	0.79	45.0	1.77	65.0	2.56	63.4	2.50	85.3	3.36	✓
Z11	135.2	5.32	137.4	5.30	20.0	0.79	50.0	1.97	73.5	2.89	69.6	2.74	91.3	3.59	✓
Z12	147.2	5.80	150.6	5.79	20.0	0.79	50.0	1.97	73.5	2.89	75.8	2.98	97.3	3.83	✓

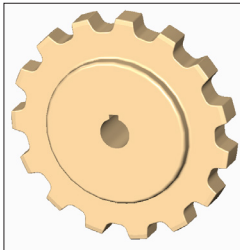
Molded sprocket



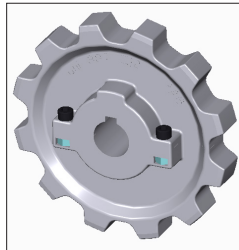
Cast iron sprocket



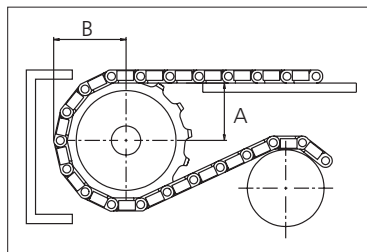
Machined sprocket



Molded 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: 22.20 mm/0.87 in
Width of sprocket: 42.3 mm/1.70 in
Width of cast iron sprocket: 41.3 mm/1.63 in
uni Retainer Rings: See uni Retainer Ring data sheet

uni 882 Tab PRR/2025:07



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