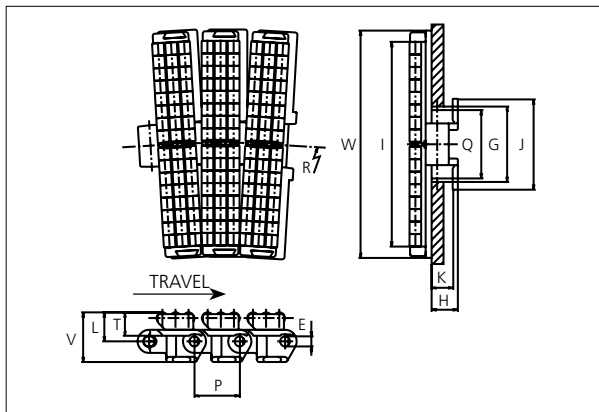




# Special Plastic Chain

Series **uni 882** Type **Tab PRR4**



**Special Plastic Chain**  
 Side flexing chain  
 Pitch: 38.1 mm (1.50 in)  
 Backflex radius: 101.0 mm (4.0 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  $\varnothing 4.0$  mm (0.16 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	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)		Recommended base material & color	Recommended roller material & color	Recommended pin material	Weight		Min. radius (R)	
	mm	in				kg/m	lb/ft	mm	in
<b>K375</b>	95.3	3.75	POM-LF <b>BR</b>	POM-D <b>K</b>	<b>SS304</b>	3.4	2.30	610	24.02
<b>K450</b>	114.3	4.50	POM-LF <b>BR</b>	POM-D <b>K</b>	<b>SS304</b>	3.9	2.55	610	24.02
<b>K750</b>	190.5	7.50	POM-LF <b>BR</b>	POM-D <b>K</b>	<b>SS304</b>	5.7	3.83	610	24.02

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

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

NON 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 N
	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	65.4	2.57	✓	✓	
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	71.3	2.81	✓	✓	
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	77.3	3.04	✓	✓	
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	83.3	3.28	✓	✓	
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	101.3	3.99		✓	✓

### 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	65.4	2.57	✓
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	71.3	2.81	✓
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	77.3	3.04	✓
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	83.3	3.28	✓

#### Molded sprocket



#### Cast iron sprocket



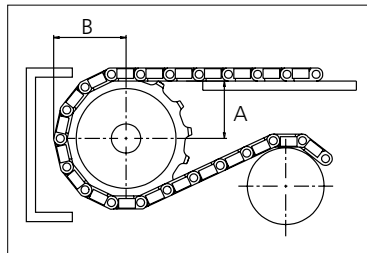
#### Machined sprocket



#### 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

uni Retainer Rings: See uni Retainer Ring data sheet



Conveyor Belts



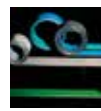
Seamless Belts



Modular Belts



Timing Belts



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