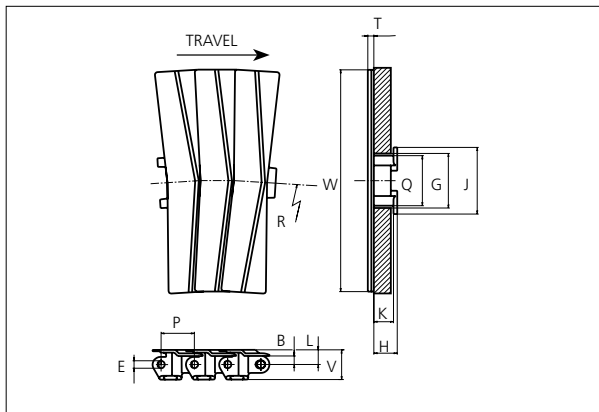




# Special Plastic Chain

Series **uni 882** Type **Tab SC**



**Special Plastic Chain**  
 Side flexing chain  
 Pitch: 38.1 mm (1.50 in)  
 Backflex radius: 125.0 mm (4.90 in)  
 Permissible tensile strength:  
 POM material: 4000 N (899 lbf)  
  
 Standard shipping lengths:  
 boxes of 80 links  
 = 3.048 m (10.0 ft)

STANDARD

B		E		G		H		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
9.7	0.38	8.7	0.34	59.5	2.34	21.9	0.86	76.2	3.00	17.5	0.69	16.7	0.66	38.1	1.50	57.2	2.25	7.0	0.28	29.0	1.14

All dimensions are for chains in POM material.

	Width (W)		Material & color	Pin material	Weight		min. radius R	
	mm	in			kg/m	lb/ft	mm	in
<b>K450</b>	114.3	4.50	POM-LF <b>BR</b>	<b>SS304</b>	2.2	1.48	610	24.02
<b>K750</b>	190.5	7.50	POM-LF <b>BR</b>	<b>SS304</b>	3.0	2.01	610	24.02
<b>K1000</b>	254.0	10.00	POM-LF <b>BR</b>	<b>SS304</b>	3.4	2.28	610	24.02

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

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		A-dimension		B-dimension		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	62.0	2.44	73.3	2.89	✓	✓	
Z10	123.3	4.85	125.0	4.92	20.0	0.79	45.0	1.77	65.0	2.56	68.3	2.69	79.3	3.12	✓	✓	
Z11	135.2	5.32	137.4	5.41	20.0	0.79	50.0	1.97	73.5	2.89	74.6	2.94	85.2	3.35	✓	✓	
Z12	147.2	5.80	150.6	5.93	20.0	0.79	50.0	1.97	73.5	2.89	80.8	3.18	91.2	3.59	✓	✓	
Z15	183.3	7.22	186.9	7.36	20.0	0.79	50.0	1.97	120.0	4.72	99.3	3.91	109.1	4.30		✓	✓

## 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
	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	62.0	2.44	73.3	2.89	✓
Z10	123.3	4.85	125.0	4.81	20.0	0.79	45.0	1.77	65.0	2.56	68.3	2.69	79.3	3.12	✓
Z11	135.2	5.32	137.4	5.30	20.0	0.79	50.0	1.97	73.5	2.89	74.6	2.94	85.2	3.35	✓
Z12	147.2	5.80	150.6	5.79	20.0	0.79	50.0	1.97	73.5	2.89	80.8	3.18	91.2	3.59	✓

### Molded sprocket



### Cast iron sprocket



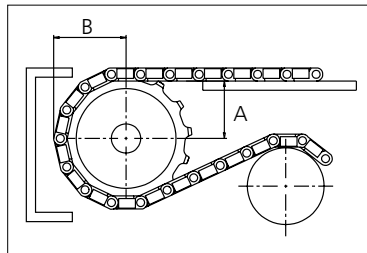
### Machined sprocket



### 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

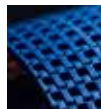
uni 882 Tab SC/160621



Conveyor Belts



Seamless Belts



Modular Belts



Timing Belts



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**Ammeraal Beltech Modular A/S**  
Hjulmagervej 21  
DK-7100 Vejle

T +45 7572 3100  
F +45 7572 3348  
admin@unichains.com  
www.unichains.com

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