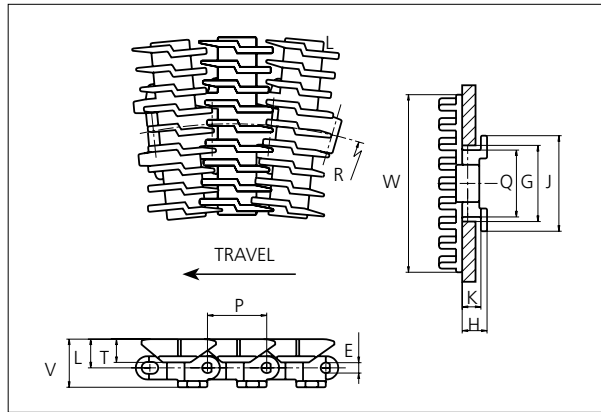
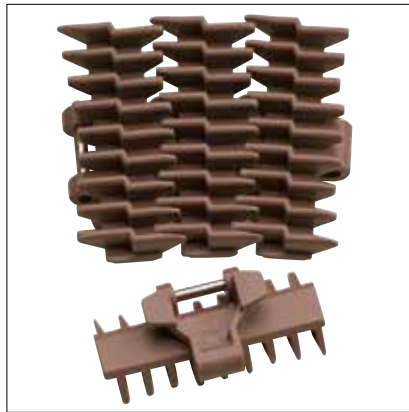


# Special Plastic Chain

Series **uni 880** Type **Rib**



### Special Plastic Chain

Side flexing chain  
 Pitch: 38.1 mm (1.50 in)  
 Backflex radius: 35.0 mm (1.4 in)  
 Permissible tensile strength:  
 POM material: 1800 N (405 lbf)  
  
 Delivery: 3.048 m (10 ft)  
 No. of links/box: 80

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
7.1	0.28	44.5	1.75	16.0	0.63	61.5	2.42	11.9	0.47	18.5	0.73	38.1	1.50	42.9	1.69	15.0	0.59	31.1	1.22

All dimensions are for chains in POM material.

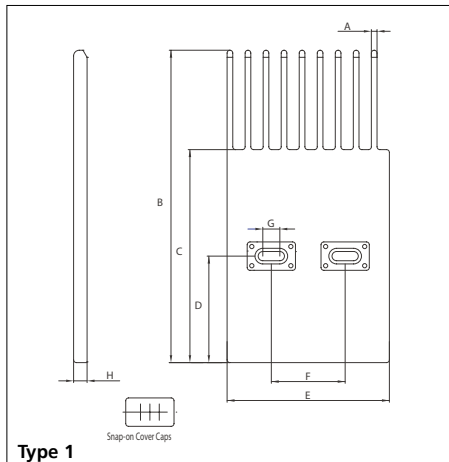
	Width (W)		Recommended material & color	Recommended pin material	Weight		Min. radius (R)	
	mm	in			kg/m	lb/ft	mm	in
<b>K250</b>	63.5	2.50	POM-LF <b>BR</b>	<b>SS304</b>	1.5	1.01	400	15.75
<b>K350</b>	88.9	3.50	POM-LF <b>BR</b>	<b>SS304</b>	1.6	1.08	400	15.75
<b>K450</b>	114.3	4.50	POM-LF <b>BR</b>	<b>SS304</b>	1.8	1.21	400	15.75

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

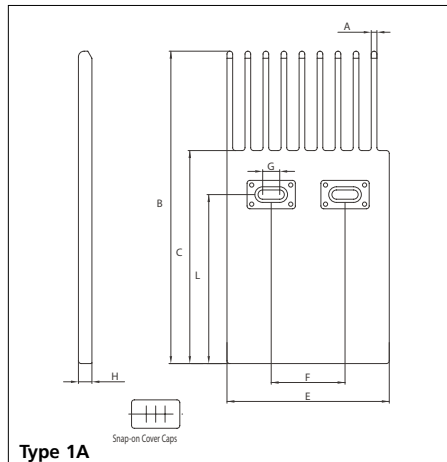
## Accessories

### Finger plates

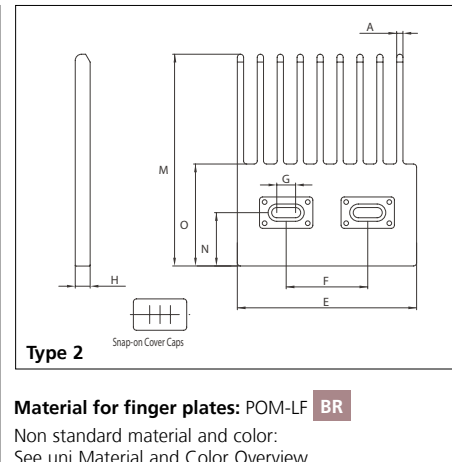
#### Single Sided



#### Single Sided



#### Single Sided



For the ribbed versions of uni special chains finger plates are available to facilitate product transfer between two conveyors. The finger plates are supplied with cover caps to close the screw holes. The cover caps can easily be removed with a screw driver.



A		B		C		D		E		F	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
4.0	0.16	220.0	8.66	150.0	5.91	75.0	2.95	114.3	4.50	52.0	2.05
G		H		L		M		N		O	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
12.0	0.47	9.5	0.37	119.0	4.69	135.0	5.31	34.0	1.34	65.0	2.56

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		A-dimension		B-dimension		Molded PA66 LG	Molded Cast Iron	Machined PA66
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
<b>Z9</b>	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	x	x	
<b>Z10</b>	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	x	x	
<b>Z11</b>	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	x	x	
<b>Z12</b>	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	x	x	
<b>Z15</b>	183.3	7.22	184.3	7.26	20.0	0.80	40.0	1.60	70.0	2.76	93.2	3.67	99.2	3.91	x	x	

## Two part sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		A-dimension		B-dimension		Molded PA66 LG	Molded Cast Iron	Machined PA66
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
<b>Z9</b>	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	x		
<b>Z10</b>	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	x		
<b>Z11</b>	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	x		
<b>Z12</b>	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	x		

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

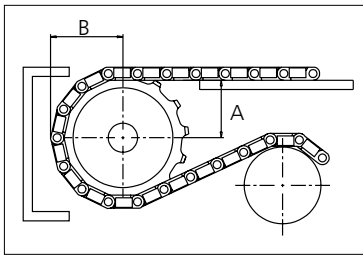
Molded sprocket



Cast iron sprocket



Molded two part sprocket



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

Other sprocket sizes are available upon request

Width of tooth: 15.8 mm/0.62 in

Width of sprocket: 42.3 mm/1.67 in

uni Retainer Rings: See uni Retainer Ring data sheet

uni Idler: See uni Idler data sheet

Any questions? Please contact us.

**Morskate Aandrijvingen BV**

Oosterveldsingel 47A  
7558 PJ Hengelo (Ov)  
The Netherlands

**NL**

T +31 (0)74 - 760 11 11  
info@morskateaandrijvingen.nl  
www.morskateaandrijvingen.nl

**DE**

T +49 692 - 222 34 95  
info@morskateantriebstechnik.de  
www.morskateantriebstechnik.de

**EN**

T +31 (0)74 - 760 11 11  
info@morskatedrivetechnology.com  
www.morskatedrivetechnology.com