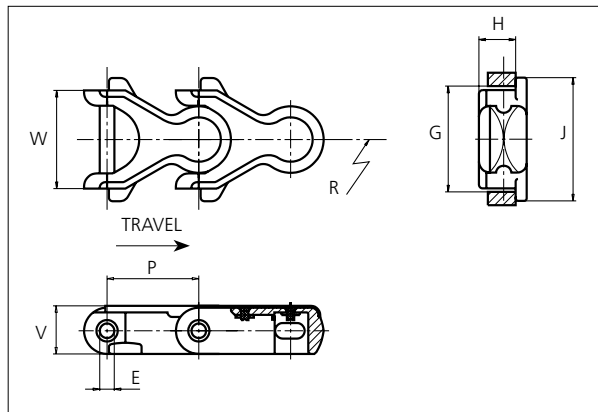




# uni Flex Plastic Chain

Series **uni 1701** Type **Tab R ST**



## uni Flex Plastic Chain

Side flexing chain  
Pitch: 50.0 mm (1.97 in)  
Backflex radius:  
75.0 mm (3.00 in)  
Permissible tensile strength:  
POM material 4000 N (899 lbf)  
Standard shipping lengths:  
boxes of 122 links  
= 6.105 m (20.0 ft)  
Steel top cover: SS430  
thickness 1.0 mm (0.04 in)

E		G		H		J		P		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
8.0	0.31	56.0	2.20	20.0	0.79	66.7	2.63	50.0	1.97	26.0	1.02

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
53.3	2.10	POM-LF <b>BR</b>	<b>SS304</b>	-	-	125.0	4.92

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

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

NON STANDARD

SIDE FLEXING

PITCH 50.0 MM/1.97 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	Machined SS304
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in				
<b>Z8</b>	130.7	5.14	133.0	5.20	20.00	0.80	40.00	1.60	63.00	2.50	47.90	1.90	82.40	3.20	✓	✓	✓	✓
<b>Z10</b>	161.8	6.37	166.1	6.50	20.00	0.80	40.00	1.60	63.00	2.50	64.50	2.50	97.30	3.80	✓	✓	✓	✓
<b>Z12</b>	193.2	7.61	196.0	7.70	20.00	0.80	40.00	1.60	63.00	2.50	80.80	3.20	112.40	4.40	✓	✓	✓	
<b>Z13</b>	208.9	8.22	214.0	8.40	20.00	0.80	40.00	1.60	63.00	2.50	88.90	3.50	120.10	4.70	✓	✓	✓	

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

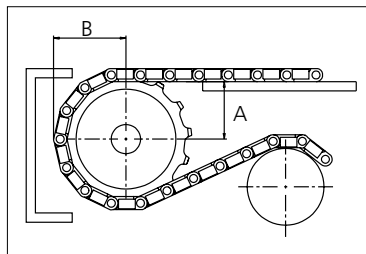
**Molded sprocket**



**Cast iron sprocket**



**Machined sprocket**



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

Other sprocket sizes are available upon request

Width of tooth: 11.0 mm/0.43 in

Width of sprocket: 42.3 mm/1.67 in

Width of cast iron sprocket: 41.3 mm/1.63 in

uni Retainer Rings: See uni Retainer Ring data sheet

uni Idler: See uni Idler data sheet

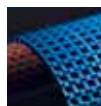
uni 1701 Tab R ST/2021.10.22



Synthetic Belts



Endless Woven Belts



Modular Belts



Engineered Belts



Homogeneous Belts



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