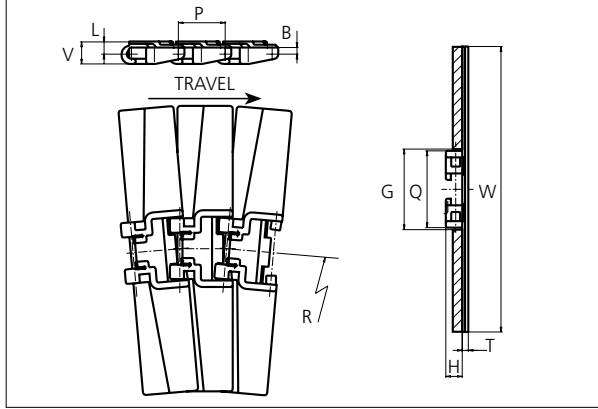


# Special Plastic Chain

Series **uni 982** Type **SC**



**Special Plastic Chain**

Side flexing chain  
 Pitch: 50.0 mm (1.97 in)  
 Backflex radius:  
 200 mm (7.9 in)  
 Permissible tensile strength:  
 POM material:  
 1000 N (225 lbf)  
  
 Standard shipping lengths:  
 boxes of 80 links  
 = 4.0 m (13.1 ft)

NON STANDARD

B		G		H		L		P		Q		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
7.0	0.28	85.0	3.35	17.5	0.69	13.5	0.53	50.0	1.97	82.0	3.23	6.5	0.26	24.0	0.95

All dimensions are for chains in POM material.

Width (W)		Recommended material & color	Weight		Min. radius (R)	
mm	in		kg/m	lb/ft	mm	in
254.0	10.00	POM-SLF <b>B</b> AR <b>W</b>	1.6	1.07	610.0	24.02

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

SIDE FLEXING

PITCH 50.0 MM/1.97 IN

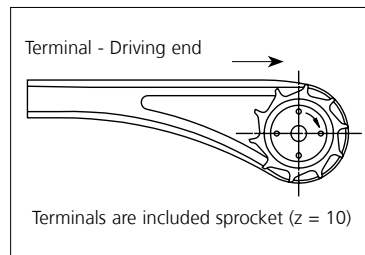
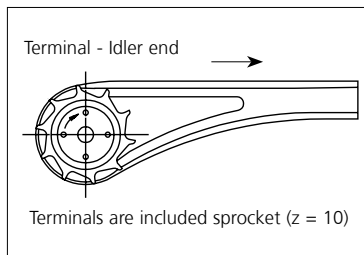
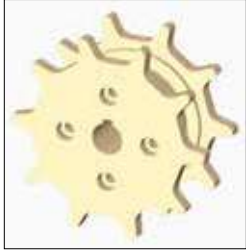


## Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. $\phi$ bore		Max. $\phi$ bore		Hub-diameter		Dimension A		Dimension B		Machined <input checked="" type="checkbox"/> PAG <input type="checkbox"/> N
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z10	161.8	6.37	-	-	19.1	0.75	40.0	1.57	64.0	2.52	-	-	-	-	✓

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

### 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: 25.0 mm/1.00 in

Width of sprocket: 42.3 mm/1.70 in

uni Retainer Rings: See uni Retainer Ring data sheet