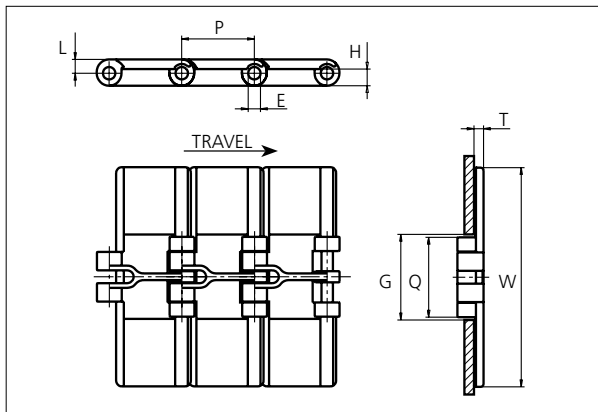




# Slat Top Plastic Chain

Series **uni 831** Type -



**Slat Top Plastic Chain**  
 Straight running chain  
 Pitch: 38.1 mm (1.50 in)  
 Backflex radius:  
 75.0 mm (3.00 in)  
 Permissible tensile strength:  
 POM material:  
 2000 N (450 lbf)  
 Standard shipping lengths:  
 boxes of 80 links  
 = 3.048 m (10.0 ft)

STANDARD

E		G		H		L		P		Q		T	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
6.4	0.25	44.5	1.75	8.5	0.33	7.1	0.28	38.1	1.50	41.5	1.63	5.0	0.20

All dimensions are for chains in POM material

	Width (W)		Material & color	Pin material	Weight	
	mm	in			kg/m	lb/ft
<b>K250</b>	63.5	2.50	-	-	-	-
<b>K325</b>	82.6	3.25	POM-LF <b>BR</b> POM-SLF <b>G</b>	<b>SS304</b>	1.0	0.67
<b>K350</b>	88.9	3.50	-	-	-	-
<b>K400</b>	101.6	4.00	POM-LF <b>BR</b>	<b>SS304</b>	1.2	0.81
<b>K450</b>	114.3	4.50	POM-LF <b>BR</b>	<b>SS304</b>	1.3	0.87
<b>K600</b>	152.4	6.00	POM-LF <b>BR</b>	<b>SS304</b>	1.6	1.05
<b>K750</b>	190.5	7.50	POM-LF <b>BR</b>	<b>SS304</b>	1.8	1.21

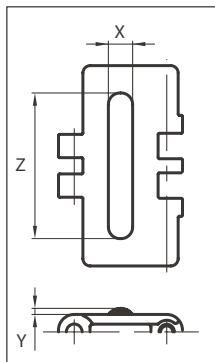
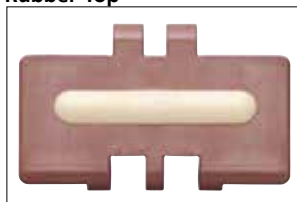
Non standard material and color: See uni Material and Color Overview.  
 Non standard pin material: See uni Material and Color Overview.

STRAIGHT RUNNING

PITCH 38.1 MM/1.50 IN

## Accessories

### Rubber Top



When ordering, please state the required distance between the Rubber Top.  
 Other Non Standard rubber profiles:  
 See uni Rubber Profile Overview.

Width	Link material	Rubber material	Z		X		Y	
			mm	in	mm	in	mm	in
<b>K325</b>	POM-LF <b>BR</b>	05 <b>I</b>	60	2.36	10	0.39	2.5	0.10
<b>K350</b>	POM-LF <b>BR</b>	05 <b>I</b>	60	2.36	10	0.39	2.5	0.10
<b>K400</b>	POM-LF <b>BR</b>	05 <b>I</b>	90	3.54	10	0.39	2.5	0.10
<b>K450</b>	POM-LF <b>BR</b>	05 <b>I</b>	105	4.13	10	0.39	2.5	0.10
<b>K600</b>	POM-LF <b>BR</b>	05 <b>I</b>	130	5.12	10	0.39	2.5	0.10
<b>K750</b>	POM-LF <b>BR</b>	05 <b>I</b>	170	6.69	10	0.39	2.5	0.10



## 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 LG
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z19	117.3	4.62	117.0	4.61	20.0	0.79	40.0	1.57	58.0	2.28	58.7	2.31	65.9	2.59	✓	✓	
Z21	129.2	5.09	130.0	5.12	20.0	0.79	40.0	1.57	58.0	2.28	65.0	2.56	71.8	2.83	✓	✓	
Z23	141.2	5.56	142.0	5.59	20.0	0.79	40.0	1.57	58.0	2.28	71.2	2.80	77.8	3.06	✓	✓	
Z25	153.2	6.03	155.0	6.10	20.0	0.79	40.0	1.57	58.0	2.28	77.4	3.05	83.8	3.30	✓	✓	
Z27	165.2	6.50	167.0	6.57	20.0	0.79	70.0	2.76	-	-	83.6	3.29	89.8	3.54		✓	✓
Z29	177.2	6.98	179.0	7.05	20.0	0.79	70.0	2.76	-	-	89.8	3.54	95.8	3.77		✓	✓
Z31	189.3	7.45	192.0	7.56	20.0	0.79	70.0	2.76	-	-	95.9	3.78	101.8	4.01		✓	✓

## 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	
Z19	117.3	4.62	117.0	4.31	20.0	0.79	40.0	1.57	58.0	2.28	58.7	2.31	65.9	2.59	✓
Z21	129.2	5.09	130.0	4.81	20.0	0.79	40.0	1.57	58.0	2.28	65.0	2.56	71.8	2.83	✓
Z23	141.2	5.56	142.0	5.30	20.0	0.79	40.0	1.57	58.0	2.28	71.2	2.80	77.8	3.06	✓
Z25	153.2	6.03	155.0	5.79	20.0	0.79	40.0	1.57	58.0	2.28	77.4	3.05	83.8	3.30	✓

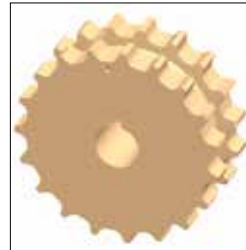
### Molded sprocket



### Cast iron sprocket



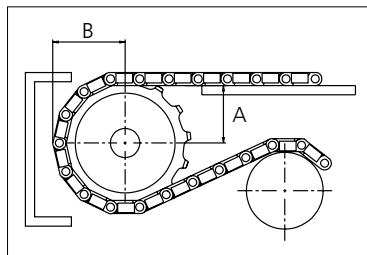
### Machined sprocket



### 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: 42.3 mm/1.70 in

Width of sprocket: 42.3 mm/1.70 in

uni Retainer Rings: See uni Retainer Ring data sheet

uni Idler: See uni Idler data sheet

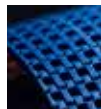
uni 831/160616



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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