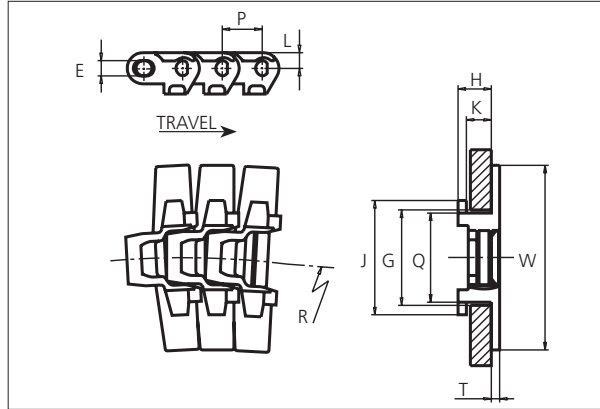


# Slat Top Plastic Chain

## uni 440 TAB



### Slat Top Plastic Chain

Side flexing chain

Pitch: 19.1 mm (0.75 in)

Backflex radius: 12.5 mm (0.5 in)

Permissible tensile strength:

POM material: 1100 N (247 lbf)

Delivery: 3.048 m (10 ft)

No. of links/box: 160

STANDARD

| E   |      | G    |      | H    |      | J    |      | K    |      | L   |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|-----|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   | mm   | in   | mm  | in   |
| 7.4 | 0.29 | 44.5 | 1.75 | 15.9 | 0.63 | 55.0 | 2.17 | 11.9 | 0.47 | 7.5 | 0.30 | 19.1 | 0.75 | 42.9 | 1.69 | 4.0 | 0.16 |

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   |
| K250 | 63.5      | 2.50 | POM-LF BR        | SS304        | 1.2    | 0.81  | 175             | 6.89 |
| K325 | 82.6      | 3.25 | POM-LF BR        | SS304        | 1.3    | 0.87  | 175             | 6.89 |
| K350 | 88.9      | 3.50 | POM-LF BR        | SS304        | 1.3    | 0.87  | 175             | 6.89 |
| K450 | 114.3     | 4.50 | POM-LF BR        | SS304        | 1.4    | 0.94  | 175             | 6.89 |
| K750 | 190.5     | 7.50 | POM-LF BR        | SS304        | 1.6    | 1.07  | 175             | 6.89 |

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

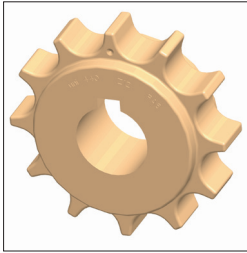
Non standard pin material: See uni Material and Color Overview.

SLAP TOP PLASTIC CHAIN

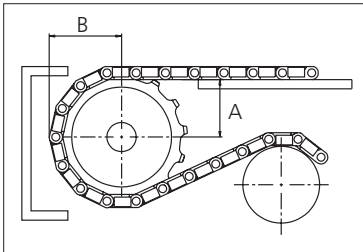
## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | Molded PA66 LG | Machined PA66 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|-----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |                |                 |
| <b>Z9</b>   | 55.8           | 2.20 | 57.0             | 2.20 | 10.0        | 0.40 | 25.0        | 1.00 | 37.0         | 1.50 | 29.8        | 1.20 | 35.6        | 1.40 |                | x               |
| <b>Z12</b>  | 73.8           | 2.91 | 76.0             | 3.00 | 10.0        | 0.40 | 30.0        | 1.20 | 56.0         | 2.20 | 39.2        | 1.50 | 44.5        | 1.80 |                | x               |
| <b>Z20</b>  | 122.1          | 4.81 | 125.3            | 4.90 | 18.0        | 0.70 | 70.0        | 2.80 | 105.0        | 4.10 | 63.8        | 2.50 | 68.6        | 2.70 |                | x               |

### Machined 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: 15.8 mm/0.60 in  
Width of sprocket: 25.0 mm/0.10 in  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 440 TAB/0412



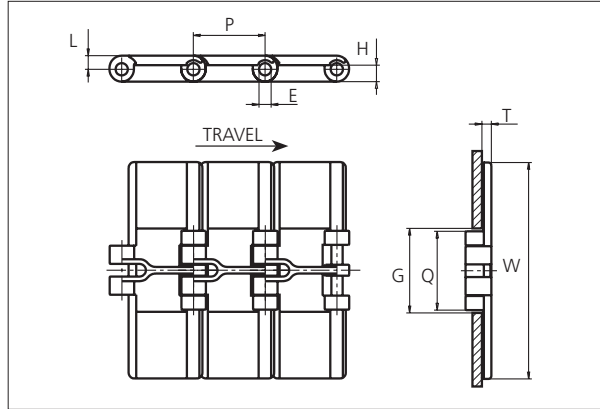
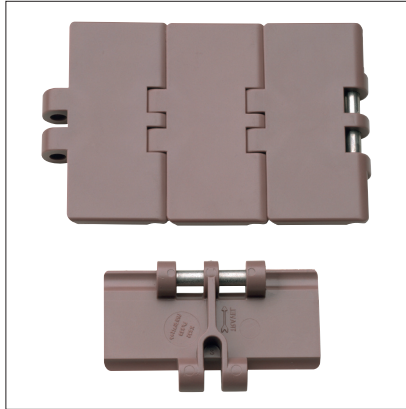
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# Slat Top Plastic Chain uni 820



## 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)

Delivery: 3.048 m (10 ft)

No. of links/box: 80

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 | 9.5 | 0.37 | 7.1 | 0.28 | 38.1 | 1.50 | 41.5 | 1.63 | 4.0 | 0.16 |

All dimensions are for chains in POM material.

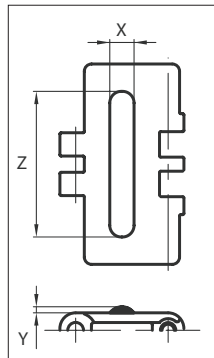
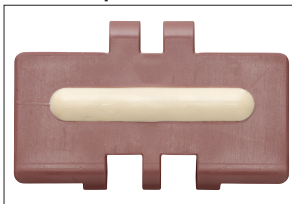
| Width (W) |       |      | Material & color                                                     |                                                    |  | Pin material |  | Weight |       |
|-----------|-------|------|----------------------------------------------------------------------|----------------------------------------------------|--|--------------|--|--------|-------|
|           | mm    | in   |                                                                      |                                                    |  |              |  | kg/m   | lb/ft |
| K250      | 63.5  | 2.50 | POM-LF <b>BR</b>                                                     | POM-SLF <b>DG</b>                                  |  | SS304        |  | 0.7    | 0.50  |
| K325      | 82.6  | 3.25 | POM-D <b>W</b><br>POM-LF <b>BR</b><br>AR <b>N</b><br>POM-EC <b>K</b> | POM-D <b>G</b><br>POM-SLF <b>DG</b><br>GR <b>K</b> |  | SS304        |  | 0.9    | 0.57  |
| K350      | 88.9  | 3.50 | POM-D <b>G</b>                                                       | POM-LF <b>BR</b>                                   |  | SS304        |  | 0.9    | 0.60  |
| K400      | 101.6 | 4.00 | POM-D <b>G</b>                                                       | POM-LF <b>BR</b> POM-SLF <b>DG</b>                 |  | SS304        |  | 1.0    | 0.64  |
| K450      | 114.3 | 4.50 | POM-D <b>W</b>                                                       | POM-D <b>G</b> POM-LF <b>BR</b>                    |  | SS304        |  | 1.0    | 0.69  |
| K600      | 152.4 | 6.00 | POM-D <b>G</b>                                                       | POM-LF <b>BR</b> POM-SLF <b>DG</b>                 |  | SS304        |  | 1.3    | 0.84  |
| K750      | 190.5 | 7.50 | POM-D <b>W</b><br>POM-LF <b>BR</b>                                   | POM-D <b>G</b><br>POM-SLF <b>DG</b>                |  | SS304        |  | 1.5    | 0.99  |

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

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

## 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   |
| K325  | POM-LF <b>BR</b> | 05 <b>I</b>     | 60  | 2.36 | 10 | 0.39 | 2.5 | 0.10 |
| K350  | POM-LF <b>BR</b> | 05 <b>I</b>     | 60  | 2.36 | 10 | 0.39 | 2.5 | 0.10 |
| K400  | POM-LF <b>BR</b> | 05 <b>I</b>     | 90  | 3.54 | 10 | 0.39 | 2.5 | 0.10 |
| K450  | POM-LF <b>BR</b> | 05 <b>I</b>     | 105 | 4.13 | 10 | 0.39 | 2.5 | 0.10 |
| K600  | POM-LF <b>BR</b> | 05 <b>I</b>     | 130 | 5.12 | 10 | 0.39 | 2.5 | 0.10 |
| K750  | POM-LF <b>BR</b> | 05 <b>I</b>     | 170 | 6.69 | 10 | 0.39 | 2.5 | 0.10 |

SLAT TOP PLASTIC CHAIN

## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | LG          | Cast Iron | N             |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|-------------|-----------|---------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded PA66 | Molded    | Machined PA66 |
| <b>Z19</b>  | 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 | x           | x         |               |
| <b>Z21</b>  | 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 | x           | x         |               |
| <b>Z23</b>  | 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 | x           | x         |               |
| <b>Z25</b>  | 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 | x           | x         |               |
| <b>Z27</b>  | 165.2          | 6.50 | 167.0            | 6.57 | 20.0        | 0.79 | 70.0        | 2.76 | -            | -    | 83.6        | 3.29 | 89.8        | 3.54 |             | x         | x             |
| <b>Z29</b>  | 177.2          | 6.98 | 179.0            | 7.05 | 20.0        | 0.79 | 70.0        | 2.76 | -            | -    | 89.8        | 3.54 | 95.8        | 3.77 |             | x         | x             |
| <b>Z31</b>  | 189.3          | 7.45 | 192.0            | 7.56 | 20.0        | 0.79 | 70.0        | 2.76 | -            | -    | 95.9        | 3.78 | 101.8       | 4.01 |             | x         | x             |

## Two part sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | LG          | Cast Iron | N             |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|-------------|-----------|---------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded PA66 | Molded    | Machined PA66 |
| <b>Z19</b>  | 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 | x           |           |               |
| <b>Z21</b>  | 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 | x           |           |               |
| <b>Z23</b>  | 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 | x           |           |               |
| <b>Z25</b>  | 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 | x           |           |               |

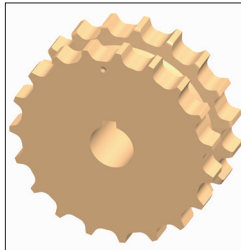
### Molded sprocket



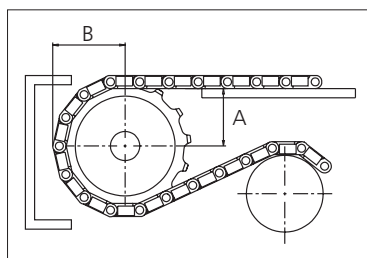
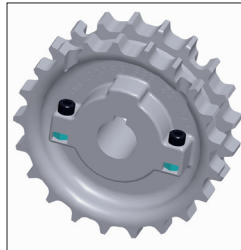
### Cast iron sprocket



### Machined sprocket



### Two part sprocket



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

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

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 820/0412



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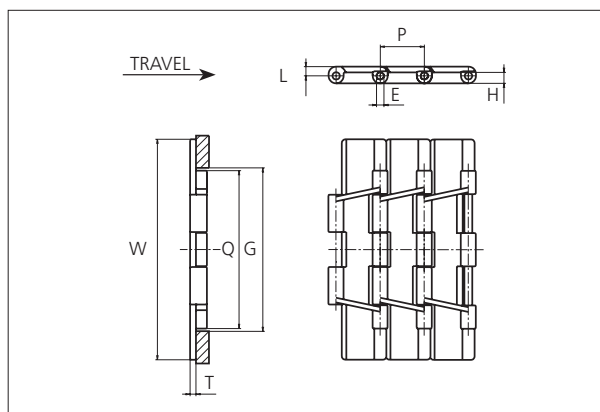
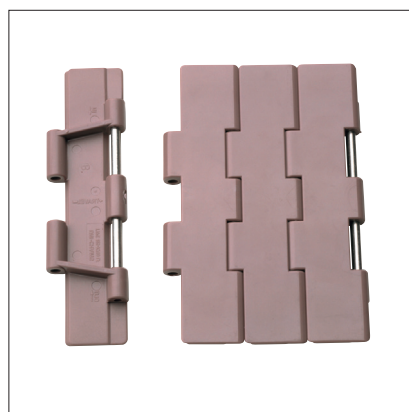
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# Slat Top Plastic Chain uni 821



## 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 3000 N (674 lbf)

Delivery: 3.048 m (10 ft)  
No. of links/box: 80

| 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 | 140.0 | 5.51 | 9.5 | 0.37 | 8.0 | 0.31 | 38.1 | 1.50 | 136.5 | 5.37 | 5.0 | 0.20 |

All dimensions are for chains in POM material.

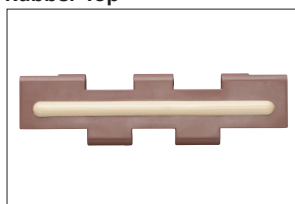
|       | Width (W) |       | Material & color                    |                  |  |  | Pin material | Weight |       |
|-------|-----------|-------|-------------------------------------|------------------|--|--|--------------|--------|-------|
|       | mm        | in    |                                     |                  |  |  |              | kg/m   | lb/ft |
| K750  | 190.5     | 7.50  | POM-D <b>G</b><br>POM-SLF <b>DG</b> | POM-LF <b>BR</b> |  |  | SS304        | 2.6    | 1.74  |
| K1000 | 254.0     | 10.00 | POM-D <b>G</b><br>POM-SLF <b>DG</b> | POM-LF <b>BR</b> |  |  | SS304        | 3.1    | 2.08  |
| K1200 | 304.8     | 12.00 | POM-D <b>G</b>                      | POM-LF <b>BR</b> |  |  | SS304        | 3.4    | 2.29  |

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

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

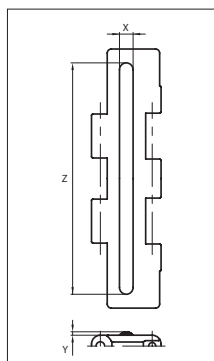
## Accessories

### 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   |
| K750  | POM-LF <b>BR</b> | 05 <b>I</b>     | 170 | 6.69  | 10 | 0.39 | 2.5 | 0.09 |
| K1000 | POM-LF <b>BR</b> | 05 <b>I</b>     | 200 | 7.87  | 10 | 0.39 | 2.5 | 0.09 |
| K1200 | POM-LF <b>BR</b> | 05 <b>I</b>     | 295 | 11.61 | 8  | 0.31 | 2.5 | 0.09 |

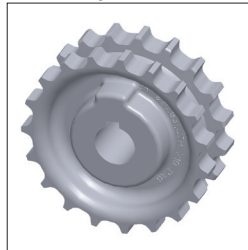
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|-----|-------------|-----|-------------|-----|--------------|-----|-------------|-----|-------------|-----|----------------|------------------|-----------------|
|             | mm             | in   | mm               | in  | mm          | in  | mm          | in  | mm           | in  | mm          | in  | mm          | in  |                |                  |                 |
| Z19         | 117.3          | 4.62 | 117.0            | 4.6 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 58.70       | 2.3 | 64.50       | 2.5 | x              |                  |                 |
| Z21         | 129.2          | 5.09 | 130.0            | 5.1 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 65.00       | 2.6 | 70.50       | 2.8 | x              | x                |                 |
| Z23         | 141.2          | 5.56 | 142.0            | 5.6 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 71.20       | 2.8 | 76.50       | 3.0 | x              | x                |                 |
| Z25         | 153.2          | 6.03 | 155.0            | 6.1 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 77.40       | 3.0 | 82.50       | 3.2 | x              | x                |                 |
| Z27         | 165.2          | 6.50 | 167.0            | 6.6 | 20.00       | 0.8 | 70.00       | 2.8 | 0.00         | 0.0 | 83.60       | 3.3 | 88.50       | 3.5 |                | x                | x               |
| Z29         | 177.2          | 6.98 | 179.0            | 7.0 | 20.00       | 0.8 | 70.00       | 2.8 | 0.00         | 0.0 | 89.80       | 3.5 | 94.60       | 3.7 |                | x                | x               |
| Z31         | 189.3          | 7.45 | 192.0            | 7.6 | 20.00       | 0.8 | 70.00       | 2.8 | 0.00         | 0.0 | 95.90       | 3.8 | 100.60      | 4.0 |                | 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 N |
|-------------|----------------|------|------------------|-----|-------------|-----|-------------|-----|--------------|-----|-------------|-----|-------------|-----|----------------|------------------|-----------------|
|             | mm             | in   | mm               | in  | mm          | in  | mm          | in  | mm           | in  | mm          | in  | mm          | in  |                |                  |                 |
| Z19         | 117.3          | 4.62 | 117.0            | 4.6 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 58.70       | 2.3 | 64.50       | 2.5 | x              |                  |                 |
| Z21         | 129.2          | 5.09 | 130.0            | 5.1 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 65.00       | 2.6 | 70.50       | 2.8 | x              |                  |                 |
| Z23         | 141.2          | 5.56 | 142.0            | 5.6 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 71.20       | 2.8 | 76.50       | 3.0 | x              |                  |                 |
| Z25         | 153.2          | 6.03 | 155.0            | 6.1 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 77.40       | 3.0 | 82.50       | 3.2 | x              |                  |                 |

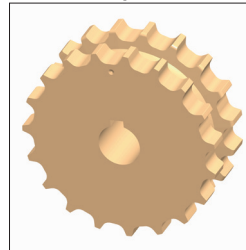
### Molded sprocket



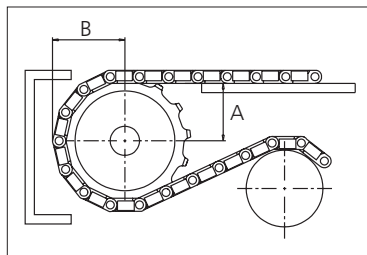
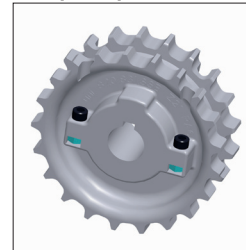
### Cast iron sprocket



### Machined sprocket



### 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: 79.4 mm/3.13 in

Width of sprocket: 49.4 mm/3.13 in

uni Retainer Rings: See uni Retainer Ring data sheet

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



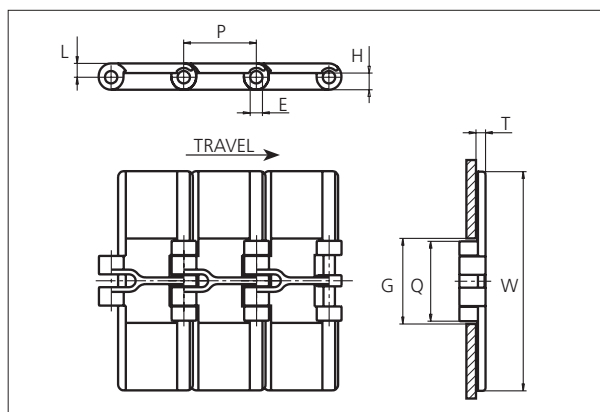
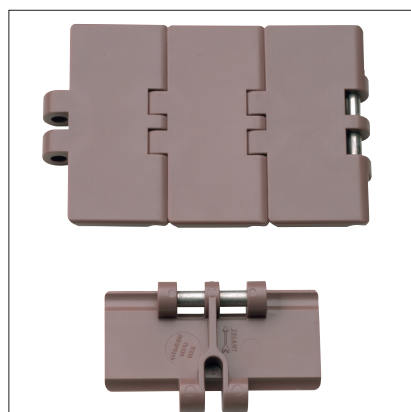
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# Slat Top Plastic Chain uni 831



## 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)

Delivery: 3.048 m (10 ft)  
No. of links/box: 80

| 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

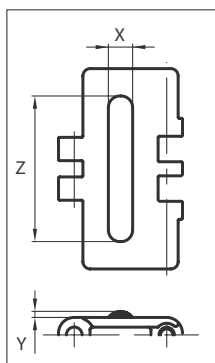
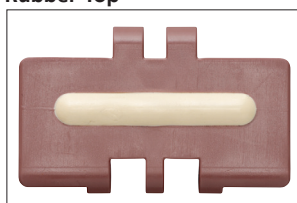
| Width (W) |       |      | Material & color                     | Pin material | Weight |       |
|-----------|-------|------|--------------------------------------|--------------|--------|-------|
|           | mm    | in   |                                      |              | kg/m   | lb/ft |
| K250      | 63.5  | 2.50 | -                                    | -            | -      | -     |
| K325      | 82.6  | 3.25 | POM-LF <b>BR</b><br>POM-SLF <b>G</b> | SS304        | 1.0    | 0.67  |
| K350      | 88.9  | 3.50 | POM-LF <b>BR</b>                     | SS304        | 1.1    | 0.74  |
| K400      | 101.6 | 4.00 | POM-LF <b>BR</b>                     | SS304        | 1.2    | 0.81  |
| K450      | 114.3 | 4.50 | POM-LF <b>BR</b>                     | SS304        | 1.3    | 0.87  |
| K600      | 152.4 | 6.00 | POM-LF <b>BR</b>                     | SS304        | 1.6    | 1.05  |
| K750      | 190.5 | 7.50 | POM-LF <b>BR</b>                     | SS304        | 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.

## 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   |
| K325  | POM-LF <b>BR</b> | 05 <b>I</b>     | 60  | 2.36 | 10 | 0.39 | 2.5 | 0.10 |
| K350  | POM-LF <b>BR</b> | 05 <b>I</b>     | 60  | 2.36 | 10 | 0.39 | 2.5 | 0.10 |
| K400  | POM-LF <b>BR</b> | 05 <b>I</b>     | 90  | 3.54 | 10 | 0.39 | 2.5 | 0.10 |
| K450  | POM-LF <b>BR</b> | 05 <b>I</b>     | 105 | 4.13 | 10 | 0.39 | 2.5 | 0.10 |
| K600  | POM-LF <b>BR</b> | 05 <b>I</b>     | 130 | 5.12 | 10 | 0.39 | 2.5 | 0.10 |
| K750  | 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 |      | A-dimension |      | B-dimension |      | LG          | Cast Iron | N             |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|-------------|-----------|---------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded PA66 | Molded    | Machined PA66 |
| <b>Z19</b>  | 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 | x           | x         |               |
| <b>Z21</b>  | 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 | x           | x         |               |
| <b>Z23</b>  | 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 | x           | x         |               |
| <b>Z25</b>  | 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 | x           | x         |               |
| <b>Z27</b>  | 165.2          | 6.50 | 167.0            | 6.57 | 20.0        | 0.79 | 70.0        | 2.76 | -            | -    | 83.6        | 3.29 | 89.8        | 3.54 |             | x         | x             |
| <b>Z29</b>  | 177.2          | 6.98 | 179.0            | 7.05 | 20.0        | 0.79 | 70.0        | 2.76 | -            | -    | 89.8        | 3.54 | 95.8        | 3.77 |             | x         | x             |
| <b>Z31</b>  | 189.3          | 7.45 | 192.0            | 7.56 | 20.0        | 0.79 | 70.0        | 2.76 | -            | -    | 95.9        | 3.78 | 101.8       | 4.01 |             | x         | x             |

## Two part sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | LG          | Cast Iron | N             |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|-------------|-----------|---------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded PA66 | Molded    | Machined PA66 |
| <b>Z19</b>  | 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 | x           |           |               |
| <b>Z21</b>  | 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 | x           |           |               |
| <b>Z23</b>  | 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 | x           |           |               |
| <b>Z25</b>  | 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 | x           |           |               |

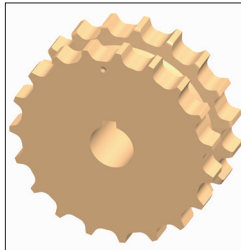
### Molded sprocket



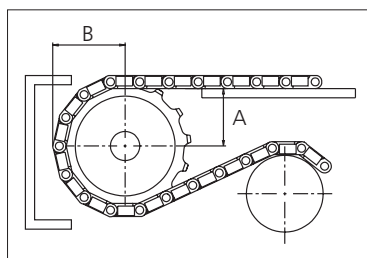
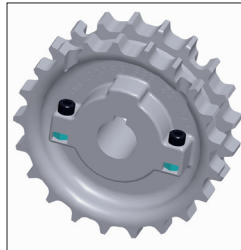
### Cast iron sprocket



### Machined sprocket



### Two part sprocket



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

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

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



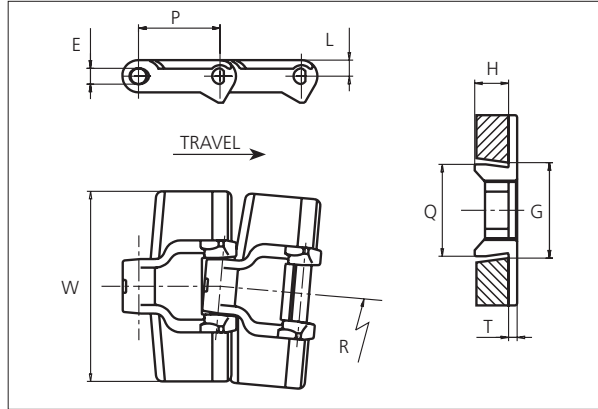
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# Slat Top Plastic Chain uni 879



## Slat Top Plastic Chain

Side flexing chain  
Pitch: 38.1 mm (1.50 in)  
Backflex radius: 75 mm (3 in)  
Permissible tensile strength:  
POM material: 2250 N (506 lbf)

Delivery: 3.048 m (10 ft)  
No. of links/box: 80

NON STANDARD

| E   |      | G*   |      | G**  |      | H    |      | J    |      | K    |      | L   |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|-----|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   | mm   | in   | mm  | in   |
| 7.1 | 0.28 | 41.3 | 1.63 | 46.6 | 1.83 | 15.9 | 0.63 | 61.5 | 2.42 | 11.9 | 0.47 | 8.5 | 0.33 | 38.1 | 1.50 | 43.1 | 1.70 | 5.0 | 0.20 |

\*Curve, \*\* Straight

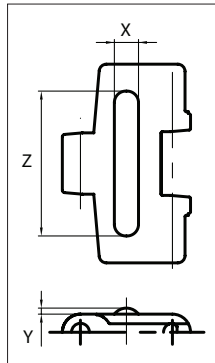
All dimensions are for chains in POM material.

| Width (W) |       |      | Recommended material & color               |                                             |                  |     | Recommended pin material | Weight |       | Min. radius (R) |    |
|-----------|-------|------|--------------------------------------------|---------------------------------------------|------------------|-----|--------------------------|--------|-------|-----------------|----|
|           | mm    | in   |                                            |                                             |                  |     |                          | kg/m   | lb/ft | mm              | in |
| K250      | 63.5  | 2.50 | POM-D <div>W</div><br>POM-LF <div>BR</div> | POM-D <div>G</div><br>POM-SLF <div>DG</div> | <div>SS304</div> | 1.0 | 0.67                     | 400    | 15.75 |                 |    |
| K325      | 82.6  | 3.25 | POM-D <div>W</div><br>POM-LF <div>BR</div> | POM-D <div>G</div><br>POM-SLF <div>DG</div> | <div>SS304</div> | 1.0 | 0.67                     | 400    | 15.75 |                 |    |
| K450      | 114.3 | 4.50 | POM-D <div>W</div><br>POM-LF <div>BR</div> | POM-D <div>G</div><br>POM-SLF <div>DG</div> | <div>SS304</div> | 1.3 | 0.87                     | 400    | 15.75 |                 |    |

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

## 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   |
| K325  | POM-LF <b>BR</b> | 05 <b>I</b>     | 60 | 2.36 | 10 | 0.39 | 2.5 | 0.10 |
| K450  | POM-LF <b>BR</b> | 05 <b>I</b>     | 90 | 3.54 | 10 | 0.39 | 2.5 | 0.10 |

SLAT TOP PLASTIC CHAIN

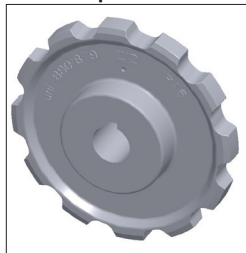
## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | LG          | Cast Iron | N             |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|-------------|-----------|---------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded PA66 | Molded    | Machined PA66 |
| <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 |      | LG          | Cast Iron | N             |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|-------------|-----------|---------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded PA66 | Molded    | Machined PA66 |
| <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           |           |               |

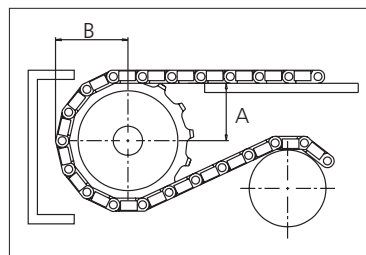
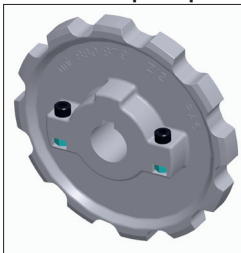
### Molded sprocket



### Cast iron sprocket



### Molded two part sprocket



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

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

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

uni 879/0412



Conveyor



Seamless



Modular



Timing



Transmission



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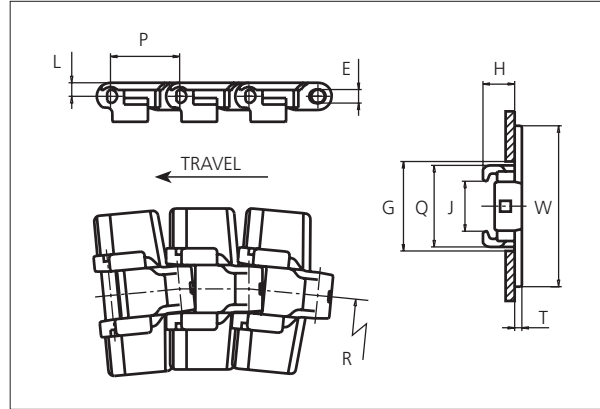
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# Slat Top Plastic Chain

## uni 879 Super Flex



### Slat Top Plastic Chain

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius: 75.0 mm (3.00 in)

Permissible tensile strength:

POM material: 2250 N (506 lbf)

Delivery: 3.048 m (10 ft)

No. of links/box: 80

STANDARD

| E   |      | G    |      | H    |      | J    |      | L   |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|-----|------|------|------|------|------|-----|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   | mm   | in   | mm  | in   |
| 7.0 | 0.28 | 46.0 | 1.81 | 17.5 | 0.69 | 27.5 | 1.08 | 7.5 | 0.30 | 38.1 | 1.50 | 42.3 | 1.67 | 5.0 | 0.20 |

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    |
| K450      | 114.3 | 4.50 | POM-D <b>W</b> POM-D <b>G</b><br>POM-LF <b>BR</b> POM-SLF <b>DG</b> | SS304        | 114.3  | 4.50  | 610             | 24.02 |

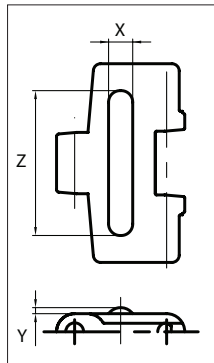
Non standard material and color: See uni Material and Color Overview.

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

SLAT TOP PLASTIC CHAIN

## 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   |
| K450  | POM-LF <b>BR</b> | 05 <b>I</b>     | 90 | 3.54 | 10 | 0.39 | 2.5 | 0.10 |



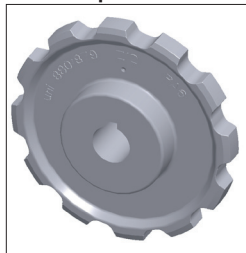
## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | LG          | Cast Iron | N             |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|-------------|-----------|---------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded PA66 | Molded    | Machined PA66 |
| <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 |      | LG          | Cast Iron | N             |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|-------------|-----------|---------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded PA66 | Molded    | Machined PA66 |
| <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           |           |               |

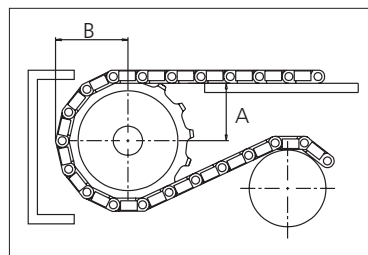
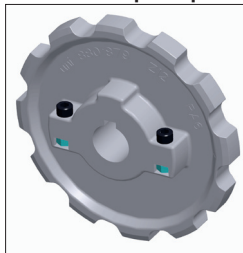
### Molded sprocket



### Cast iron sprocket



### Molded two part sprocket



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

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

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

uni 879-SFL/0412



Conveyor



Seamless



Modular



Timing



Transmission



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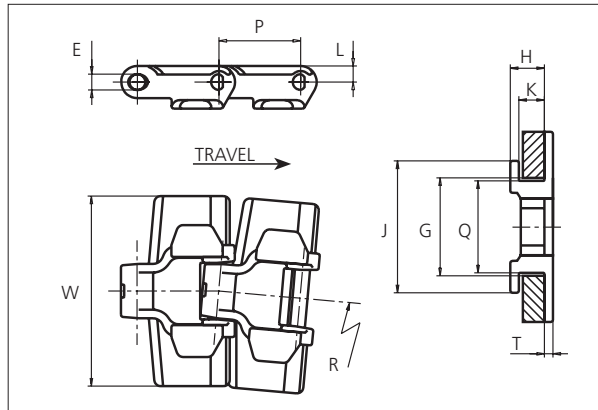
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# Slat Top Plastic Chain

## uni 879 TAB



### Slat Top Plastic Chain

Side flexing chain  
 Pitch: 38.1 mm (1.50 in)  
 Backflex radius: 75.0 mm (3.00 in)  
 Permissible tensile strength:  
 POM material: 2250 N (506 lbf)

Delivery: 3.048 m (10 ft)  
 No. of links/box: 80

STANDARD

| E   |      | G    |      | H    |      | J    |      | K    |      | L   |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|-----|------|
| 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 | 15.9 | 0.63 | 61.5 | 2.42 | 11.9 | 0.47 | 8.5 | 0.33 | 38.1 | 1.50 | 43.1 | 1.70 | 5.0 | 0.20 |

All dimensions are for chains in POM material.

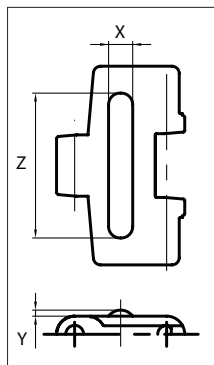
| Width (W) |       |      | Material & color | Pin material | Weight |       | Min. radius (R) |       |
|-----------|-------|------|------------------|--------------|--------|-------|-----------------|-------|
|           | mm    | in   |                  |              | kg/m   | lb/ft | mm              | in    |
| K250      | 63.5  | 2.50 | -                | -            | -      | -     | -               | -     |
| K325      | 82.6  | 3.25 | POM-LF BR        | SS304        | 1.1    | 0.74  | 400             | 15.75 |
| K450      | 114.3 | 4.50 | POM-LF BR        | SS304        | 1.3    | 0.87  | 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

#### 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   |
| K325  | POM-LF BR     | 05 I            | 60 | 2.36 | 10 | 0.39 | 2.5 | 0.10 |
| K450  | POM-LF BR     | 05 I            | 90 | 3.54 | 10 | 0.39 | 2.5 | 0.10 |

SLAT TOP PLASTIC CHAIN

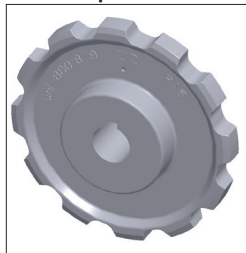
## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | LG          | Cast Iron | N             |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|-------------|-----------|---------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded PA66 | Molded    | Machined PA66 |
| <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 |      | LG          | Cast Iron | N             |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|-------------|-----------|---------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded PA66 | Molded    | Machined PA66 |
| <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           |           |               |

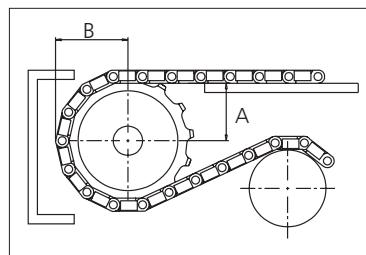
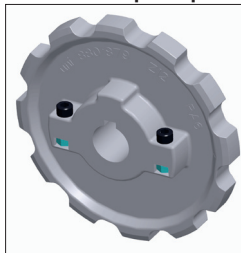
### Molded sprocket



### Cast iron sprocket



### Molded two part sprocket



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

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

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

uni 879 TAB/0412



Conveyor



Seamless



Modular



Timing



Transmission



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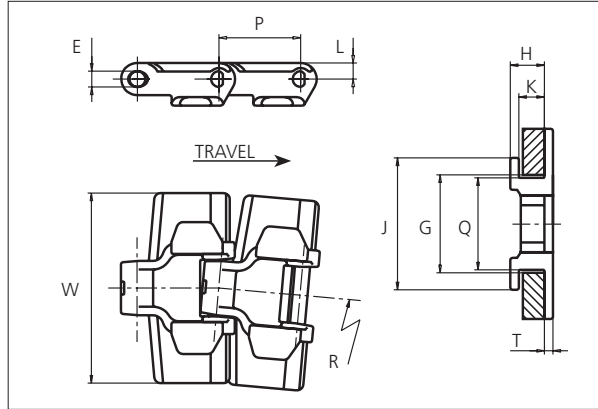
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# Slat Top Plastic Chain

## uni 879 TAB-R



### Slat Top Plastic Chain

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius: 75.0 mm (3.00 in)

Permissible tensile strength:

POM material: 2250 N (506 lbf)

Delivery: 3.048 m (10 ft)

No. of links/box: 80

STANDARD

| E   |      | G    |      | H    |      | J    |      | K    |      | L   |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|-----|------|
| 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 | 15.9 | 0.63 | 61.5 | 2.42 | 11.9 | 0.47 | 8.5 | 0.33 | 38.1 | 1.50 | 43.1 | 1.70 | 5.0 | 0.20 |

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   |
| K325      | 82.6  | 3.25 | POM-LF BR        | SS304        | 0.9    | 0.61  | 200             | 7.87 |
| K450      | 114.3 | 4.50 | POM-LF BR        | SS304        | 1.2    | 0.81  | 200             | 7.87 |

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

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

SLAT TOP PLASTIC CHAIN

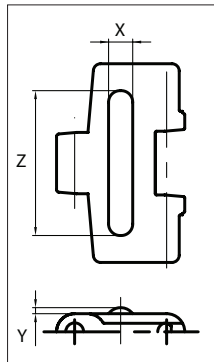
## Accessories

### 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   |
| K325  | POM-LF BR     | 05 I            | 60 | 2.36 | 10 | 0.39 | 2.5 | 0.10 |
| K450  | POM-LF BR     | 05 I            | 90 | 3.54 | 10 | 0.39 | 2.5 | 0.10 |

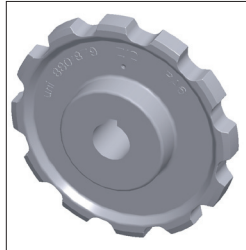
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | 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              |                  |                 |

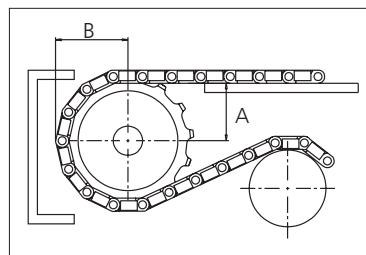
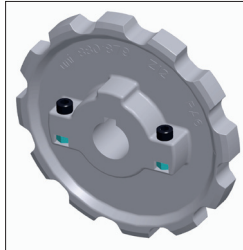
### Molded sprocket



### Cast iron sprocket



### Molded two part sprocket



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

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

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



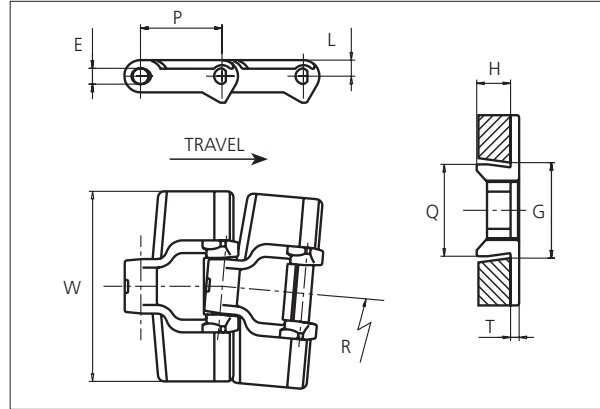
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# Slat Top Plastic Chain uni 880



## Slat Top Plastic Chain

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius: 75.0 mm (3.00 in)

Permissible tensile strength:

POM material: 2250 N (506 lbf)

Delivery: 3.048 m (10 ft)

No. of links/box: 80

| E   |      | G*   |      | G**  |      | H    |      | J    |      | K    |      | L   |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|-----|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   | mm   | in   | mm  | in   |
| 7.1 | 0.28 | 41.3 | 1.63 | 46.6 | 1.83 | 15.9 | 0.63 | 61.5 | 2.42 | 11.9 | 0.47 | 7.5 | 0.30 | 38.1 | 1.50 | 43.1 | 1.70 | 4.0 | 0.16 |

\*Curve, \*\* Straight

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    |
| K250      | 63.5  | 2.50 | -                                  | -            | -      | -     | -               | -     |
| K325      | 82.6  | 3.25 | POM-LF <b>BR</b><br>POM-D <b>G</b> | <b>SS304</b> | 0.9    | 0.60  | 400             | 15.75 |
| K350      | 88.9  | 3.50 | POM-LF <b>BR</b>                   | <b>SS304</b> | 1.0    | 0.67  | 400             | 15.75 |
| K450      | 114.3 | 4.50 | POM-LF <b>BR</b>                   | <b>SS304</b> | 1.4    | 0.94  | 400             | 15.75 |
| K750      | 190.5 | 7.50 | -                                  | -            | -      | -     | -               | -     |

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

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

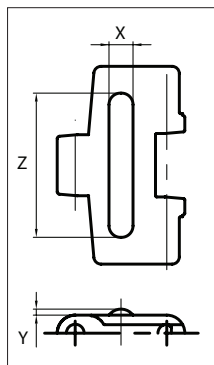
## Accessories

### 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   |
| K325  | POM-LF <b>BR</b> | 05 <b>I</b>     | 60 | 2.36 | 10 | 0.39 | 2.5 | 0.10 |
| K350  | POM-LF <b>BR</b> | 05 <b>I</b>     | 60 | 2.36 | 10 | 0.39 | 2.5 | 0.10 |
| K450  | POM-LF <b>BR</b> | 05 <b>I</b>     | 90 | 3.54 | 10 | 0.39 | 2.5 | 0.10 |

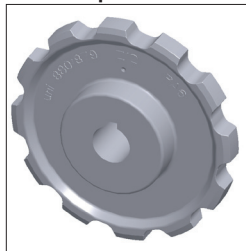
## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | LG          | Cast Iron | N             |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|-------------|-----------|---------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded PA66 | Molded    | Machined PA66 |
| <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 |      | LG          | Cast Iron | N             |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|-------------|-----------|---------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded PA66 | Molded    | Machined PA66 |
| <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           |           |               |

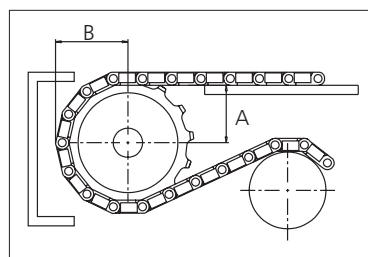
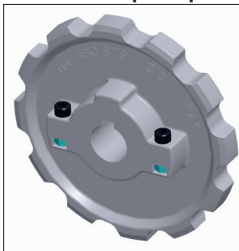
### Molded sprocket



### Cast iron sprocket



### Molded two part sprocket



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

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

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

uni 880/0412



Conveyor



Seamless



Modular



Timing



Transmission



Fabrication & service

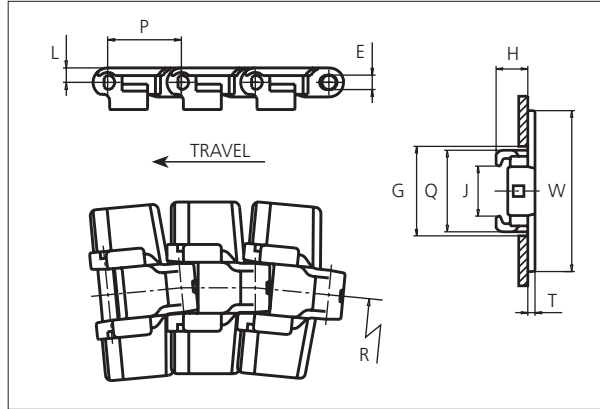
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# Slat Top Plastic Chain uni 880 Super Flex



## Slat Top Plastic Chain

Side flexing chain  
Pitch: 38.1 mm (1.50 in)  
Backflex radius: 75.0 mm (3.00 in)  
Permissible tensile strength:  
POM material: 2250 N (506 lbf)

Delivery: 3.048 m (10 ft)  
No. of links/box: 80

STANDARD

| E   |      | G    |      | H    |      | J    |      | L   |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|-----|------|------|------|------|------|-----|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   | mm   | in   | mm  | in   |
| 7.0 | 0.28 | 46.0 | 1.81 | 17.5 | 0.69 | 27.5 | 1.08 | 7.5 | 0.30 | 38.1 | 1.50 | 42.3 | 1.67 | 4.0 | 0.16 |

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    |
| K250 | 63.5      | 2.50 | -                | -            | -      | -     | -               | -     |
| K325 | 82.6      | 3.25 | POM-LF BR        | SS304        | 1.0    | 0.67  | 457.0           | 17.99 |
| K350 | 88.9      | 3.50 | -                | -            | -      | -     | -               | -     |
| K450 | 114.3     | 4.50 | POM-LF BR        | SS304        | 1.1    | 0.67  | 610.0           | 24.02 |
| K750 | 190.5     | 7.50 | -                | -            | -      | -     | -               | -     |

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

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

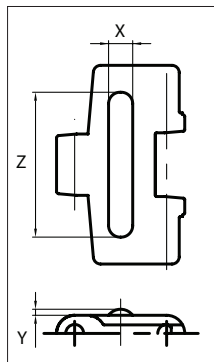
## Accessories

### 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   |
| K325  | POM-LF BR     | 05 I            | 60 | 2.36 | 10 | 0.39 | 2.5 | 0.10 |
| K450  | POM-LF BR     | 05 I            | 90 | 3.54 | 10 | 0.39 | 2.5 | 0.10 |

SLAT TOP PLASTIC CHAIN



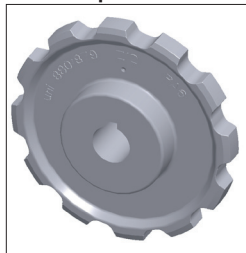
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | 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              |                  |                 |

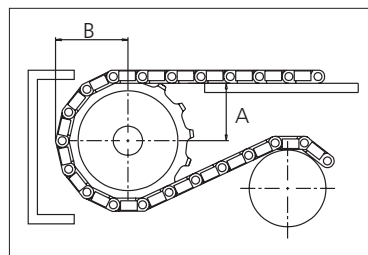
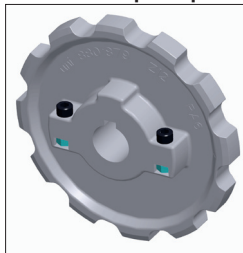
### Molded sprocket



### Cast iron sprocket



### Molded two part sprocket



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

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

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



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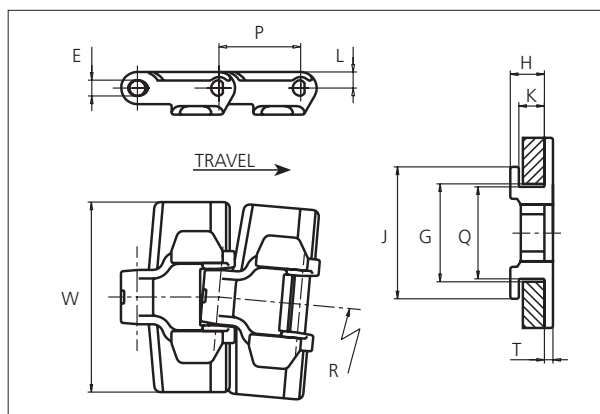
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# Slat Top Plastic Chain

## uni 880 TAB



### Slat Top Plastic Chain

Side flexing chain  
Pitch: 38.1 mm (1.50 in)  
Backflex radius: 75.0 mm (3.00 in)  
Permissible tensile strength:  
POM material: 2250 N (506 lbf)

Delivery: 3.048 m (10 ft)  
No. of links/box: 80

| E   |      | G    |      | H    |      | J    |      | K    |      | L   |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|-----|------|
| 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 | 15.9 | 0.63 | 61.5 | 2.42 | 11.9 | 0.47 | 7.5 | 0.30 | 38.1 | 1.50 | 43.1 | 1.70 | 4.0 | 0.16 |

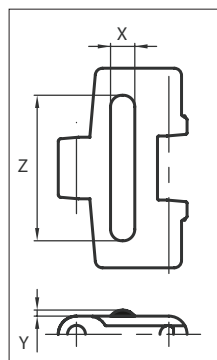
All dimensions are for chains in POM material.

| Width (W) |       |      | Material & color                                                                 | Pin material | Weight |       | Min. radius (R) |       |
|-----------|-------|------|----------------------------------------------------------------------------------|--------------|--------|-------|-----------------|-------|
|           | mm    | in   |                                                                                  |              | kg/m   | lb/ft | mm              | in    |
| K250      | 63.5  | 2.50 | -                                                                                | -            | -      | -     | -               | -     |
| K325      | 82.6  | 3.25 | POM-D <b>W</b> POM-LF <b>BR</b> POM-EC <b>K</b> POM-D <b>G</b> POM-SLF <b>DG</b> | SS304        | 1.0    | 0.67  | 400             | 15.75 |
| K350      | 88.9  | 3.50 | POM-LF <b>BR</b>                                                                 | SS304        | 1.0    | 0.67  | 400             | 15.75 |
| K450      | 114.3 | 4.50 | POM-D <b>W</b> POM-LF <b>BR</b> POM-D <b>G</b>                                   | SS304        | 1.1    | 0.74  | 400             | 15.75 |
| K750      | 190.5 | 7.50 | POM-D <b>W</b> POM-LF <b>BR</b> POM-D <b>G</b>                                   | SS304        | 1.5    | 1.00  | 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

### 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   |
| K325  | POM-LF <b>BR</b> | 05 <b>I</b>     | 60  | 2.36 | 10 | 0.39 | 2.5 | 0.10 |
| K350  | POM-LF <b>BR</b> | 05 <b>I</b>     | 60  | 2.36 | 10 | 0.39 | 2.5 | 0.10 |
| K450  | POM-LF <b>BR</b> | 05 <b>I</b>     | 90  | 3.54 | 10 | 0.39 | 2.5 | 0.10 |
| K750  | POM-LF <b>BR</b> | 05 <b>I</b>     | 130 | 5.12 | 10 | 0.39 | 2.5 | 0.10 |

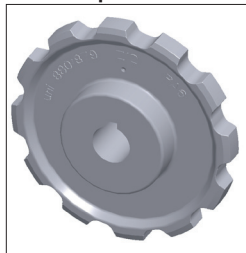
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | 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              |                  |                 |

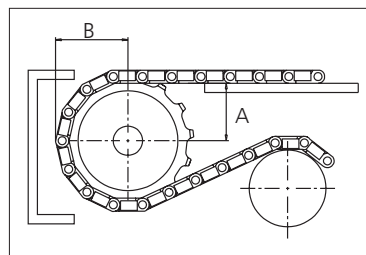
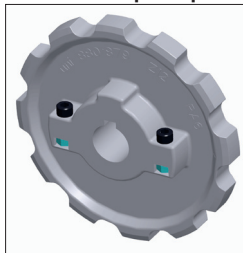
### Molded sprocket



### Cast iron sprocket



### Molded two part sprocket



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

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

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

uni 880 TAB/0412



Conveyor



Seamless



Modular



Timing



Transmission



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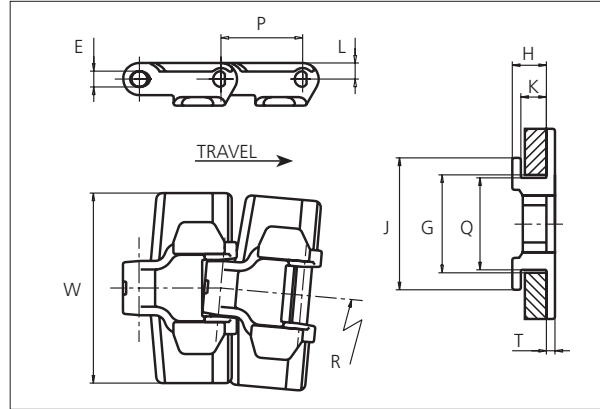
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# Slat Top Plastic Chain

## uni 880 TAB-R



### Slat Top Plastic Chain

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius: 75.0 mm (3.00 in)

Permissible tensile strength:

POM material: 250 N (506 lbf)

Delivery: 3.048 m (10 ft)

No. of links/box: 80

STANDARD

| E   |      | G    |      | H    |      | J    |      | K    |      | L   |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|-----|------|
| 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 | 15.9 | 0.63 | 61.5 | 2.42 | 11.9 | 0.47 | 7.5 | 0.30 | 38.1 | 1.50 | 43.1 | 1.70 | 4.0 | 0.16 |

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   |
| K200      | 50.6  | 2.00 | -                                  | -            | -      | -     | -               | -    |
| K250      | 63.5  | 2.50 | POM-LF <b>BR</b>                   | SS304        | 0.8    | 0.54  | 200             | 7.87 |
| K325      | 82.6  | 3.25 | POM-LF <b>BR</b> POM-SLF <b>DG</b> | SS304        | 1.0    | 0.67  | 200             | 7.87 |
| K450      | 114.3 | 4.50 | POM-LF <b>BR</b>                   | SS304        | 1.1    | 0.75  | 200             | 7.87 |

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

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

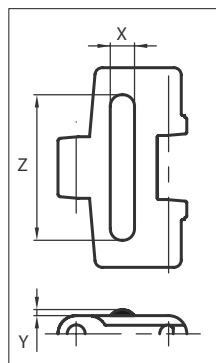
## Accessories

### 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   |
| K325  | POM-LF <b>BR</b> | 05 <b>I</b>     | 60 | 2.36 | 10 | 0.39 | 2.5 | 0.10 |
| K450  | POM-LF <b>BR</b> | 05 <b>I</b>     | 90 | 3.54 | 10 | 0.39 | 2.5 | 0.10 |

SLAT TOP PLASTIC CHAIN

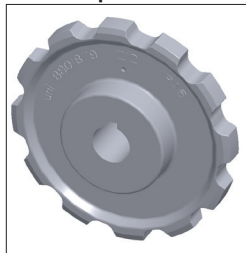
## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | LG          | Cast Iron | N             |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|-------------|-----------|---------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded PA66 | Molded    | Machined PA66 |
| <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 |      | LG          | Cast Iron | N             |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|-------------|-----------|---------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded PA66 | Molded    | Machined PA66 |
| <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           |           |               |

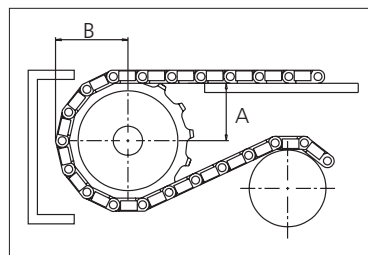
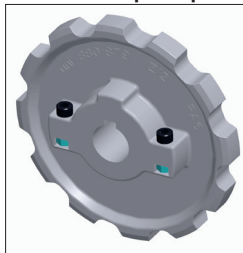
### Molded sprocket



### Cast iron sprocket



### Molded two part sprocket



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

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

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

uni 880 TAB-R/0412



Conveyor



Seamless



Modular



Timing



Transmission



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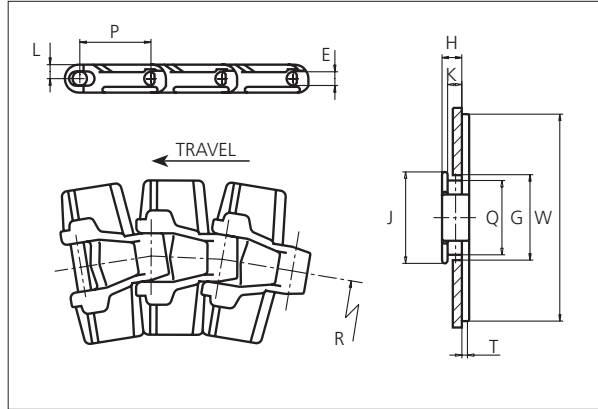
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# Slat Top Plastic Chain

## uni 880 TAB-RT



### Slat Top Plastic Chain

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius: 75.0 mm (3.00 in)

Permissible tensile strength:

POM material: 2250 N (506 lbf)

Delivery: 3.048 m (10 ft)

No. of links/box: 80

| E   |      | G    |      | H    |      | J    |      | K   |      | L   |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|-----|------|-----|------|------|------|------|------|-----|------|
| 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 | 11.0 | 0.43 | 50.4 | 1.98 | 7.9 | 0.30 | 7.5 | 0.30 | 38.1 | 1.50 | 41.2 | 1.62 | 4.0 | 0.16 |

All dimensions are for chains in POM material.

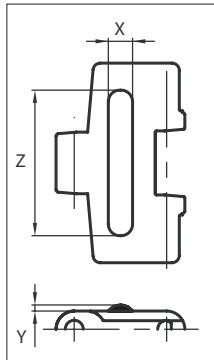
| Width (W) |       |      | Material & color | Pin material | Weight |       | Min. radius (R) |      |
|-----------|-------|------|------------------|--------------|--------|-------|-----------------|------|
|           | mm    | in   |                  |              | kg/m   | lb/ft | mm              | in   |
| K325      | 82.6  | 3.25 | POM-LF BR        | SS304        | 0.9    | 0.60  | 200             | 7.87 |
| K450      | 114.3 | 4.25 | -                | -            | -      | -     | -               | -    |

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

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

## 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   |
| K325  | POM-LF BR     | 05 I            | 60 | 2.36 | 10 | 0.39 | 2.5 | 0.10 |

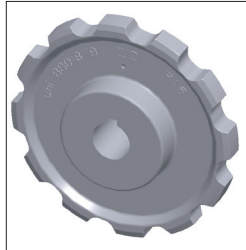
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | 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              |                  |                 |

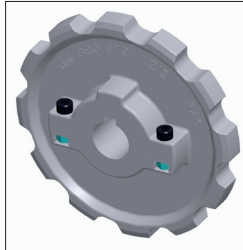
### Molded sprocket



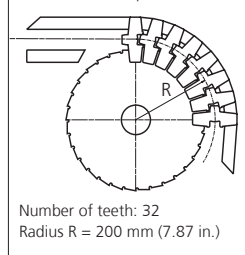
### Cast iron sprocket



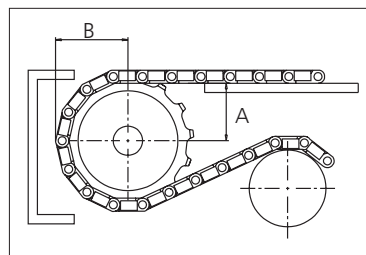
### Molded two part sprocket



uni 880 TAB-RT with a horizontal drive sprocket



Number of teeth: 32  
Radius R = 200 mm (7.87 in.)



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

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

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

uni 880 TAB-RT/0412



Conveyor



Seamless



Modular



Timing



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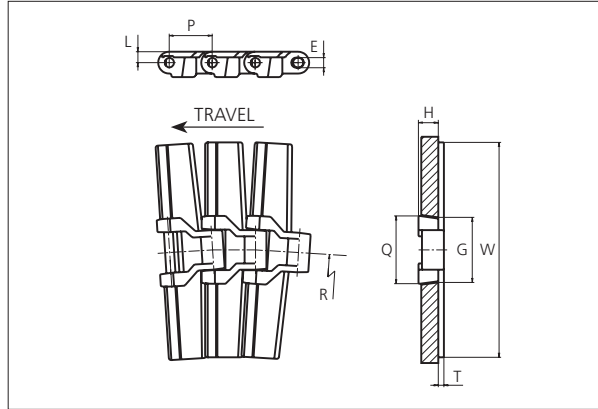
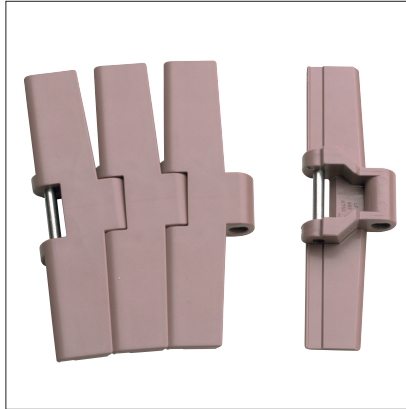
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# Slat Top Plastic Chain uni 882



## Slat Top Plastic Chain

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius: 75.0 mm (3.0 in)

Permissible tensile strength:

POM material: 4000 N (899 lbf)

Delivery: 3.048 m (10 ft)

No. of links/box: 80

NON STANDARD

SLAT TOP PLASTIC CHAIN

| E   |      | G*   |      | G**  |      | H    |      | L   |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|-----|------|------|------|------|------|-----|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   | mm   | in   | mm  | in   |
| 8.7 | 0.34 | 58.0 | 2.28 | 63.6 | 2.50 | 17.5 | 0.69 | 9.5 | 0.37 | 38.1 | 1.50 | 60.5 | 2.38 | 5.0 | 0.20 |

\*Curve. \*\* Straight

All dimensions are for chains in POM material.

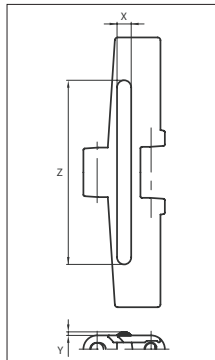
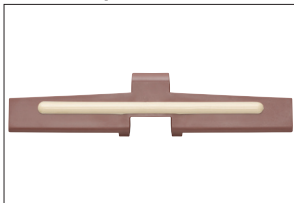
| Width (W) |       |       | Recommended material & color |                   | Recommended pin material | Weight |       | Min. radius (R) |       |
|-----------|-------|-------|------------------------------|-------------------|--------------------------|--------|-------|-----------------|-------|
|           | mm    | in    |                              |                   |                          | kg/m   | lb/ft | mm              | in    |
| K450      | 114.3 | 4.50  | POM-D <b>W</b>               | POM-D <b>G</b>    | SS304                    | 1.8    | 1.21  | 610             | 24.02 |
|           |       |       | POM-LF <b>BR</b>             | POM-SLF <b>DG</b> |                          |        |       |                 |       |
| K750      | 190.5 | 7.50  | POM-D <b>W</b>               | POM-D <b>G</b>    | SS304                    | 2.2    | 1.48  | 610             | 24.02 |
|           |       |       | POM-LF <b>BR</b>             | POM-SLF <b>DG</b> |                          |        |       |                 |       |
| K1000     | 254.0 | 10.00 | POM-D <b>W</b>               | POM-D <b>G</b>    | SS304                    | 2.5    | 1.68  | 610             | 24.02 |
|           |       |       | POM-LF <b>BR</b>             | POM-SLF <b>DG</b> |                          |        |       |                 |       |
| K1200     | 304.8 | 12.00 | POM-D <b>W</b>               | POM-D <b>G</b>    | SS304                    | 2.8    | 1.88  | 610             | 24.02 |
|           |       |       | POM-LF <b>BR</b>             | POM-SLF <b>DG</b> |                          |        |       |                 |       |

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

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

## 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   |
| K450  | POM-LF <b>BR</b> | 05 <b>I</b>     | 90.0  | 3.54  | 10.0 | 0.39 | 2.5 | 0.10 |
|       | POM-D <b>G</b>   |                 |       |       |      |      |     |      |
| K750  | POM-LF <b>BR</b> | 05 <b>I</b>     | 130.0 | 5.12  | 10.0 | 0.39 | 2.5 | 0.10 |
|       | POM-D <b>G</b>   |                 |       |       |      |      |     |      |
| K1000 | POM-LF <b>BR</b> | 05 <b>I</b>     | 200.0 | 7.87  | 10.0 | 0.39 | 2.5 | 0.10 |
|       | POM-D <b>G</b>   |                 |       |       |      |      |     |      |
| K1200 | POM-LF <b>BR</b> | 05 <b>I</b>     | 295.0 | 11.61 | 8.0  | 0.31 | 2.5 | 0.10 |
|       | POM-D <b>G</b>   |                 |       |       |      |      |     |      |

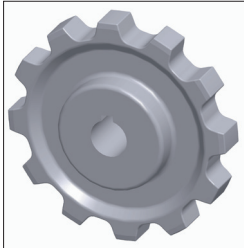
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |                |                  |                 |
| <b>Z9</b>   | 111.4          | 4.39 | 112.7            | 4.44 | 20.0        | 0.79 | 45.0        | 1.77 | 60.0         | 2.36 | 57.1        | 2.25 | 65.4        | 2.57 | x              | x                |                 |
| <b>Z10</b>  | 123.3          | 4.85 | 125.0            | 4.92 | 20.0        | 0.79 | 45.0        | 1.77 | 65.0         | 2.56 | 63.4        | 2.50 | 71.3        | 2.81 | x              | x                |                 |
| <b>Z11</b>  | 135.2          | 5.32 | 137.4            | 5.41 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 69.6        | 2.74 | 77.3        | 3.04 | x              | x                |                 |
| <b>Z12</b>  | 147.2          | 5.80 | 150.6            | 5.93 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 75.8        | 2.98 | 83.3        | 3.28 | x              | x                |                 |
| <b>Z15</b>  | 183.3          | 7.22 | 186.9            | 7.36 | 20.0        | 0.79 | 50.0        | 1.97 | 120.0        | 4.72 | 94.3        | 3.71 | 101.3       | 3.99 |                | 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |                |                  |                 |
| <b>Z9</b>   | 111.4          | 4.39 | 112.7            | 4.31 | 20.0        | 0.79 | 45.0        | 1.77 | 60.0         | 2.36 | 57.1        | 2.25 | 65.4        | 2.57 | x              |                  |                 |
| <b>Z10</b>  | 123.3          | 4.85 | 125.0            | 4.81 | 20.0        | 0.79 | 45.0        | 1.77 | 65.0         | 2.56 | 63.4        | 2.50 | 71.3        | 2.81 | x              |                  |                 |
| <b>Z11</b>  | 135.2          | 5.32 | 137.4            | 5.30 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 69.6        | 2.74 | 77.3        | 3.04 | x              |                  |                 |
| <b>Z12</b>  | 147.2          | 5.80 | 150.6            | 5.79 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 75.8        | 2.98 | 83.3        | 3.28 | x              |                  |                 |

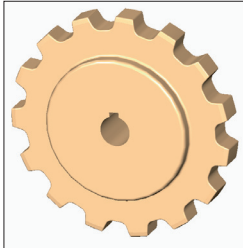
### Molded sprocket



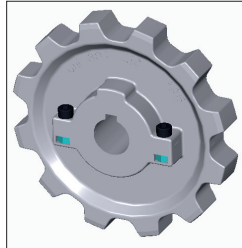
### Cast iron sprocket



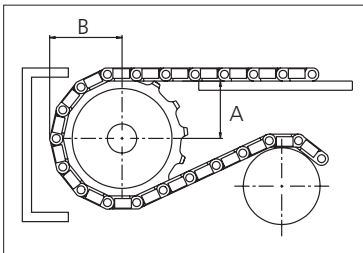
### Machined sprocket



### 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 882/0412



Conveyor



Seamless



Modular



Timing



Transmission



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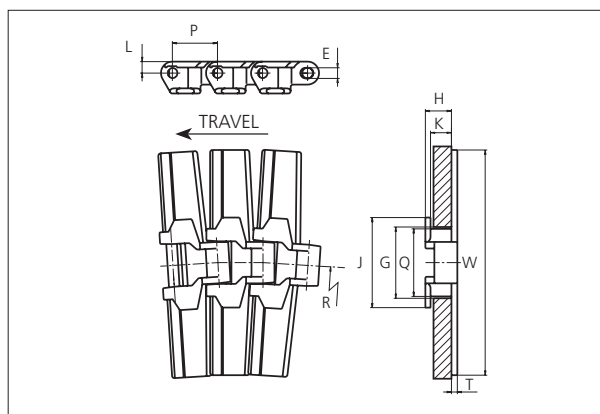
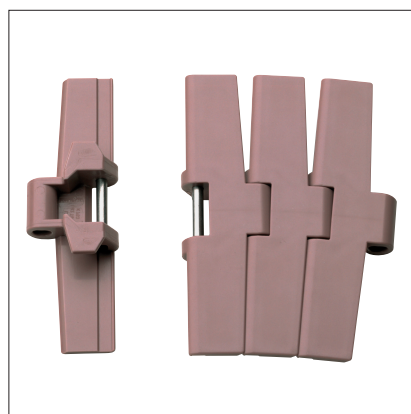
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# Slat Top Plastic Chain

## uni 882 TAB



### Slat Top Plastic Chain

Side flexing chain  
 Pitch: 38.1 mm (1.50 in)  
 Backflex radius: 75.0 mm (3.0 in)  
 Permissible tensile strength:  
 POM material: 4000 N (899 lbf)  
 Delivery: 3.048 m (10 ft)  
 No. of links/box: 80

| E   |      | G    |      | H    |      | J    |      | K    |      | L   |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|-----|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   | mm   | in   | mm  | in   |
| 8.7 | 0.34 | 58.0 | 2.28 | 22.2 | 0.87 | 76.2 | 3.00 | 17.5 | 0.69 | 9.5 | 0.37 | 38.1 | 1.50 | 57.2 | 2.25 | 5.0 | 0.20 |

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> | 1.9    | 1.28  | 610             | 24.02  |
| <b>K750</b>  | 190.5     | 7.50  | POM-D <b>G</b> POM-LF <b>BR</b>                   |  | <b>SS304</b> | 2.3    | 1.55  | 610             | 24.02  |
| <b>K1000</b> | 254.0     | 10.00 | POM-D <b>W</b> POM-LF <b>BR</b>                   |  | <b>SS304</b> | 2.7    | 1.81  | 610             | 24.02  |
| <b>K1200</b> | 304.8     | 12.00 | POM-D <b>W</b> POM-D <b>G</b><br>POM-LF <b>BR</b> |  | <b>SS304</b> | 2.9    | 1.95  | 610             | 24.02  |
| <b>K1500</b> | 381.0     | 15.00 | POM-LF <b>BR</b>                                  |  | <b>SS304</b> | 3.1    | 2.08  | 700*            | 27.56* |
| <b>K1600</b> | 406.4     | 16.00 | POM-LF <b>BR</b>                                  |  | <b>SS304</b> | 3.2    | 2.15  | 700*            | 27.56* |

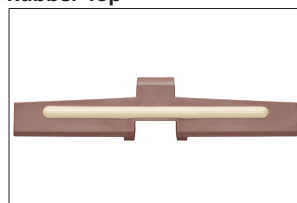
Non standard material and color: See uni Material and Color Overview.

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

\* For uni 882 TAB-K1500 and uni 882 TAB-K1600 we recommend minimum turn radius 700 mm/27.56 in because of the chain width and the danger of links overlapping.

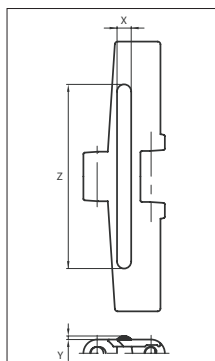
## Accessories

### 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>K450</b>  | POM-LF <b>BR</b>                   | 05 <b>I</b>     | 90.0  | 3.54  | 10.0 | 0.39 | 2.5 | 0.10 |
| <b>K750</b>  | POM-LF <b>BR</b><br>POM-D <b>G</b> | 05 <b>I</b>     | 130.0 | 5.12  | 10.0 | 0.39 | 2.5 | 0.10 |
| <b>K1000</b> | POM-LF <b>BR</b>                   | 05 <b>I</b>     | 200.0 | 7.87  | 10.0 | 0.39 | 2.5 | 0.10 |
| <b>K1200</b> | POM-LF <b>BR</b><br>POM-D <b>G</b> | 05 <b>I</b>     | 295.0 | 11.61 | 8.0  | 0.31 | 2.5 | 0.10 |
| <b>K1500</b> | POM-LF <b>BR</b>                   | 05 <b>I</b>     | 295.0 | 11.61 | 8.0  | 0.31 | 2.5 | 0.10 |
| <b>K1600</b> | POM-LF <b>BR</b>                   | 05 <b>I</b>     | 295.0 | 11.61 | 8.0  | 0.31 | 2.5 | 0.10 |

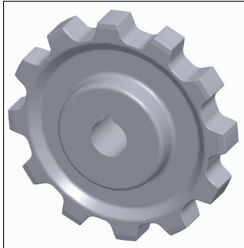
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |                |                  |                 |
| <b>Z9</b>   | 111.4          | 4.39 | 112.7            | 4.44 | 20.0        | 0.79 | 45.0        | 1.77 | 60.0         | 2.36 | 57.1        | 2.25 | 65.4        | 2.57 | x              | x                |                 |
| <b>Z10</b>  | 123.3          | 4.85 | 125.0            | 4.92 | 20.0        | 0.79 | 45.0        | 1.77 | 65.0         | 2.56 | 63.4        | 2.50 | 71.3        | 2.81 | x              | x                |                 |
| <b>Z11</b>  | 135.2          | 5.32 | 137.4            | 5.41 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 69.6        | 2.74 | 77.3        | 3.04 | x              | x                |                 |
| <b>Z12</b>  | 147.2          | 5.80 | 150.6            | 5.93 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 75.8        | 2.98 | 83.3        | 3.28 | x              | x                |                 |
| <b>Z15</b>  | 183.3          | 7.22 | 186.9            | 7.36 | 20.0        | 0.79 | 50.0        | 1.97 | 120.0        | 4.72 | 94.3        | 3.71 | 101.3       | 3.99 |                | 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |                |                  |                 |
| <b>Z9</b>   | 111.4          | 4.39 | 112.7            | 4.31 | 20.0        | 0.79 | 45.0        | 1.77 | 60.0         | 2.36 | 57.1        | 2.25 | 65.4        | 2.57 | x              |                  |                 |
| <b>Z10</b>  | 123.3          | 4.85 | 125.0            | 4.81 | 20.0        | 0.79 | 45.0        | 1.77 | 65.0         | 2.56 | 63.4        | 2.50 | 71.3        | 2.81 | x              |                  |                 |
| <b>Z11</b>  | 135.2          | 5.32 | 137.4            | 5.30 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 69.6        | 2.74 | 77.3        | 3.04 | x              |                  |                 |
| <b>Z12</b>  | 147.2          | 5.80 | 150.6            | 5.79 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 75.8        | 2.98 | 83.3        | 3.28 | x              |                  |                 |

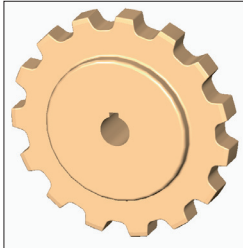
### Molded sprocket



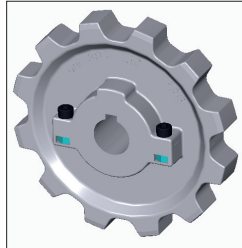
### Cast iron sprocket



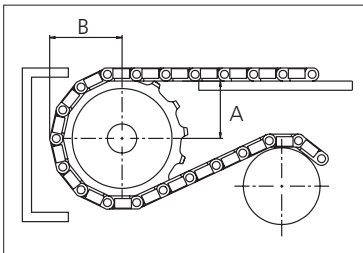
### Machined sprocket



### 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



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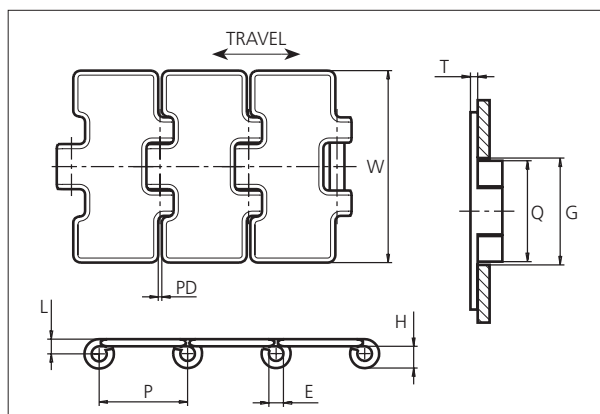
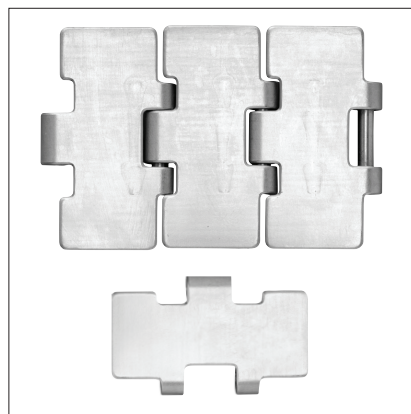
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# Slat Top Steel Chain

## uni S810



### Slat Top Steel Chain

Straight running chain

Pitch: 38.1 mm (1.50 in)

Backflex radius: 150.0 mm (5.91 in)

Permissible tensile strength:  
4000 N (899 lbf)

Delivery: 3.048 m (10 ft)

No. of links/box: 80

| E   |      | G    |      | H   |      | L   |      | P    |      | Q    |      | T   |      | PD  |      |
|-----|------|------|------|-----|------|-----|------|------|------|------|------|-----|------|-----|------|
| mm  | in   | mm   | in   | mm  | in   | mm  | in   | mm   | in   | mm   | in   | mm  | in   | mm  | in   |
| 6.4 | 0.25 | 45.0 | 1.77 | 9.9 | 0.39 | 6.5 | 0.26 | 38.1 | 1.50 | 42.5 | 1.67 | 3.0 | 0.12 | 1.6 | 0.06 |

| Width (W) |       |      | Material       | Pin material   | Weight |       |
|-----------|-------|------|----------------|----------------|--------|-------|
|           | mm    | in   |                |                | kg/m   | lb/ft |
| K225      | 57.2  | 2.25 | Hardened Steel | Hardened Steel | 2.2    | 1.48  |
| K250      | 63.5  | 2.50 | Hardened Steel | Hardened Steel | 2.3    | 1.55  |
| K325      | 82.6  | 3.25 | Hardened Steel | Hardened Steel | 2.5    | 1.68  |
| K400      | 101.6 | 4.00 | Hardened Steel | Hardened Steel | 2.7    | 1.81  |
| K450      | 114.3 | 4.50 | Hardened Steel | Hardened Steel | 3.0    | 2.02  |
| K600      | 152.4 | 6.00 | Hardened Steel | Hardened Steel | 4.2    | 2.82  |
| K750      | 190.5 | 7.50 | Hardened Steel | Hardened Steel | 5.1    | 3.43  |

STANDARD

SLAT TOP STEEL CHAIN

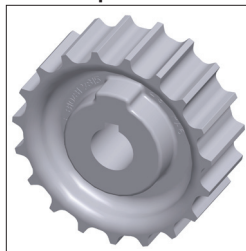
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |                |
| <b>Z19</b>  | 117.3          | 4.62 | 117.0            | 4.61 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 58.7        | 2.31 | 64.5        | 2.54 | x             | x                |                |
| <b>Z21</b>  | 129.2          | 5.09 | 130.0            | 5.12 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 65.0        | 2.56 | 70.5        | 2.78 | x             | x                |                |
| <b>Z23</b>  | 141.2          | 5.56 | 142.0            | 5.59 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 71.2        | 2.80 | 76.5        | 3.01 | x             | x                |                |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             | x                |                |
| <b>Z27</b>  | 165.2          | 6.50 | 167.0            | 6.57 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 83.6        | 3.29 | 88.5        | 3.48 |               | x                | x              |
| <b>Z29</b>  | 177.2          | 6.98 | 179.0            | 7.05 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 89.8        | 3.54 | 94.6        | 3.72 |               | x                | x              |
| <b>Z31</b>  | 189.3          | 7.45 | 192.0            | 7.56 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 95.9        | 3.78 | 100.6       | 3.96 |               | 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 PA6 LG | Molded Cast Iron | Machined PA6 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |                |
| <b>Z19</b>  | 117.3          | 4.62 | 117.0            | 4.61 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 58.7        | 2.31 | 64.5        | 2.54 | x             |                  |                |
| <b>Z21</b>  | 129.2          | 5.09 | 130.0            | 5.12 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 65.0        | 2.56 | 70.5        | 2.78 | x             |                  |                |
| <b>Z23</b>  | 141.2          | 5.56 | 142.0            | 5.59 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 71.2        | 2.80 | 76.5        | 3.01 | x             |                  |                |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             |                  |                |

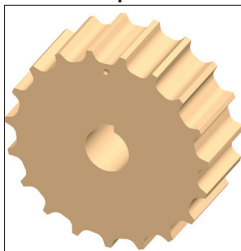
### Molded sprocket



### Cast iron sprocket



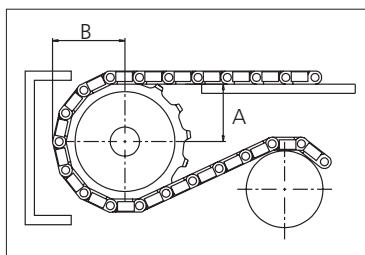
### Machined sprocket



### 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: 31.8 mm/1.25 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

uni Guide Rings can be mounted on cast iron and machined sprockets. See data sheet

uni S810/0712



Conveyor



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Modular



Timing



Transmission



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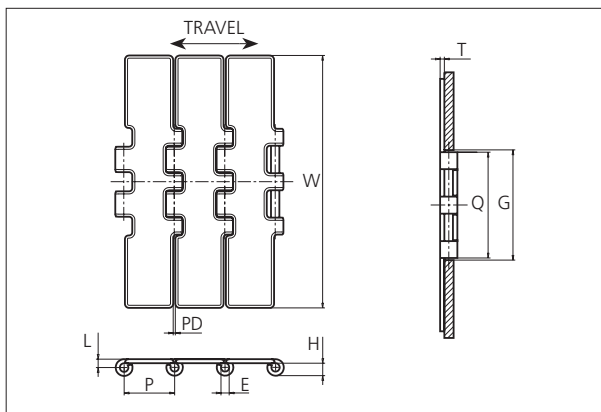
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# Slat Top Steel Chain

## uni S800



### Slat Top Steel Chain

Straight running chain  
Pitch: 38.1 mm (1.50 in)  
Backflex radius: 150.0 mm (5.91 in)  
Permissible tensile strength:  
6000 N (1349 lbf)

Delivery: 3.048 m (10 ft)  
No. of links/box: 80

| E   |      | G    |      | H   |      | L   |      | P    |      | Q    |      | T   |      | PD  |      |
|-----|------|------|------|-----|------|-----|------|------|------|------|------|-----|------|-----|------|
| mm  | in   | mm   | in   | mm  | in   | mm  | in   | mm   | in   | mm   | in   | mm  | in   | mm  | in   |
| 6.4 | 0.25 | 82.5 | 3.25 | 9.9 | 0.39 | 6.5 | 0.26 | 38.1 | 1.50 | 80.5 | 3.17 | 3.0 | 0.12 | 1.6 | 0.06 |

| Width (W) |       |      | Material       | Pin material   | Weight |       |
|-----------|-------|------|----------------|----------------|--------|-------|
|           | mm    | in   |                |                | kg/m   | lb/ft |
| K750      | 190.5 | 7.50 | Hardened Steel | Hardened Steel | 5.8    | 3.90  |

STANDARD

SLAT TOP STEEL CHAIN



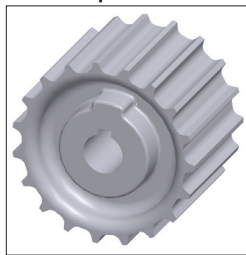
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |                |
| <b>Z19</b>  | 117.3          | 4.62 | 117.0            | 4.61 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 58.7        | 2.31 | 64.5        | 2.54 | x             | x                | x              |
| <b>Z21</b>  | 129.2          | 5.09 | 130.0            | 5.12 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 65.0        | 2.56 | 70.5        | 2.78 | x             | x                | x              |
| <b>Z23</b>  | 141.2          | 5.56 | 142.0            | 5.59 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 71.2        | 2.80 | 76.5        | 3.01 | x             | x                | x              |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             | x                | x              |
| <b>Z27</b>  | 165.2          | 6.50 | 167.0            | 6.57 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 83.6        | 3.29 | 88.5        | 3.48 |               | x                | x              |
| <b>Z29</b>  | 177.2          | 6.98 | 179.0            | 7.05 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 89.8        | 3.54 | 94.6        | 3.72 |               | x                | x              |
| <b>Z31</b>  | 189.3          | 7.45 | 192.0            | 7.56 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 95.9        | 3.78 | 100.6       | 3.96 |               | 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 PA6 LG | Molded Cast Iron | Machined PA6 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |                |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             |                  |                |

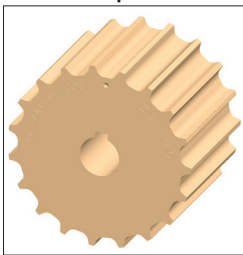
### Molded sprocket



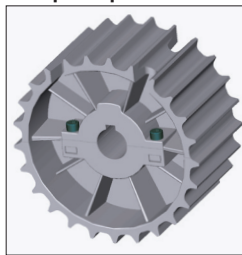
### Cast iron sprocket



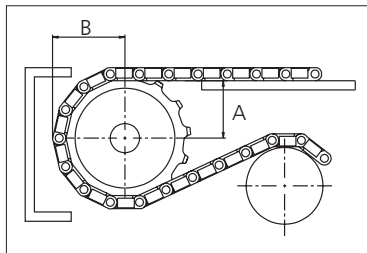
### Machined sprocket



### 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: 79.4 mm/3.13 in

Width of sprocket: 79.4 mm/3.13 in

uni Retainer Rings: See uni Retainer Ring data sheet

uni Idler: See uni Idler data sheet

uni Guide Rings can be mounted on cast iron and machined sprockets. See data sheet

uni S800/0712



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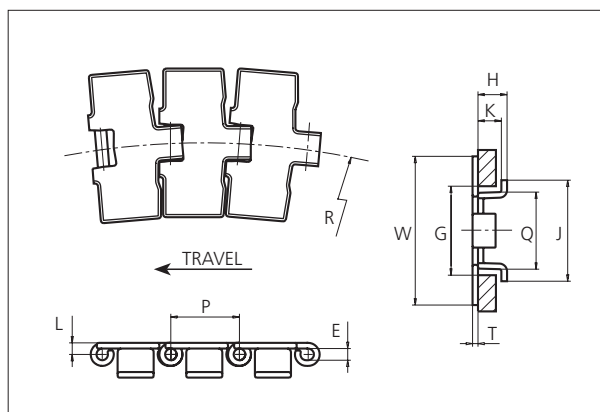
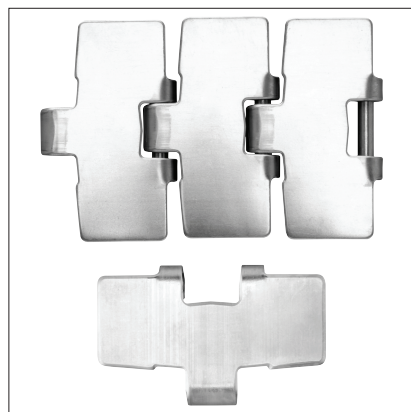
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# Slat Top Steel Chain

## uni S881 TAB



### Slat Top Steel Chain

Side flexing chain  
Pitch: 38.1 mm (1.50 in)  
Backflex radius: 76.2 mm (3.00 in)  
Permissible tensile strength:  
4000 N (899 lbf)

Delivery: 3.048 m (10 ft)  
No. of links/box: 80

STANDARD

| E   |      | G    |      | H    |      | J    |      | K    |      | L   |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|-----|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   | mm   | in   | mm  | in   |
| 6.4 | 0.25 | 44.5 | 1.75 | 16.3 | 0.64 | 56.2 | 2.21 | 12.7 | 0.50 | 6.5 | 0.26 | 38.1 | 1.50 | 43.0 | 1.69 | 3.0 | 0.12 |

| Width (W) |       |      | Material       | Pin material   | Weight |       | Min. radius (R) |       |
|-----------|-------|------|----------------|----------------|--------|-------|-----------------|-------|
|           | mm    | in   |                |                | kg/m   | lb/ft | mm              | in    |
| K325      | 82.6  | 3.25 | Hardened Steel | Hardened Steel | 3.1    | 2.08  | 457.0           | 17.99 |
| K450      | 114.3 | 4.50 | Hardened Steel | Hardened Steel | 3.8    | 2.55  | 500.0           | 19.69 |
| K750      | 190.5 | 7.50 | Hardened Steel | Hardened Steel | 5.5    | 3.70  | 500.0           | 19.69 |

SLAT TOP STEEL CHAIN

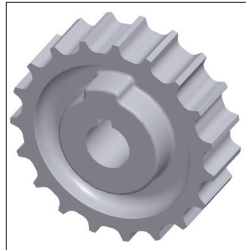
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |                |
| <b>Z19</b>  | 117.3          | 4.62 | 117.0            | 4.61 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 58.7        | 2.31 | 64.5        | 2.54 | x             | x                | x              |
| <b>Z21</b>  | 129.2          | 5.09 | 130.0            | 5.12 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 65.0        | 2.56 | 70.5        | 2.78 | x             | x                | x              |
| <b>Z23</b>  | 141.2          | 5.56 | 142.0            | 5.59 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 71.2        | 2.80 | 76.5        | 3.01 | x             | x                | x              |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             | x                | x              |
| <b>Z27</b>  | 165.2          | 6.50 | 167.0            | 6.57 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 83.6        | 3.29 | 88.5        | 3.48 |               | x                | x              |
| <b>Z29</b>  | 177.2          | 6.98 | 179.0            | 7.05 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 89.8        | 3.54 | 94.6        | 3.72 |               | x                | x              |
| <b>Z31</b>  | 189.3          | 7.45 | 192.0            | 7.56 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 95.9        | 3.78 | 100.6       | 3.96 |               | 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 PA6 LG | Molded Cast Iron | Machined PA6 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |                |
| <b>Z19</b>  | 117.3          | 4.62 | 117.0            | 4.61 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 58.7        | 2.31 | 64.5        | 2.54 | x             |                  |                |
| <b>Z21</b>  | 129.2          | 5.09 | 130.0            | 5.12 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 65.0        | 2.56 | 70.5        | 2.78 | x             |                  |                |
| <b>Z23</b>  | 141.2          | 5.56 | 142.0            | 5.59 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 71.2        | 2.80 | 76.5        | 3.01 | x             |                  |                |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             |                  |                |

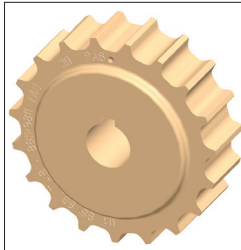
### Molded sprocket



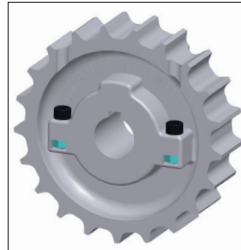
### Cast iron sprocket



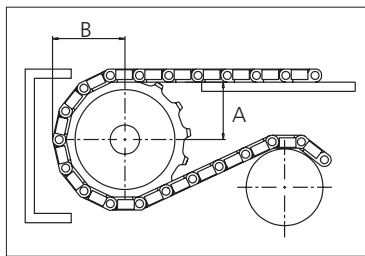
### Machined sprocket



### 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: 31.8 mm/1.25 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

uni S881 TAB/0712



Conveyor



Seamless



Modular



Timing



Transmission



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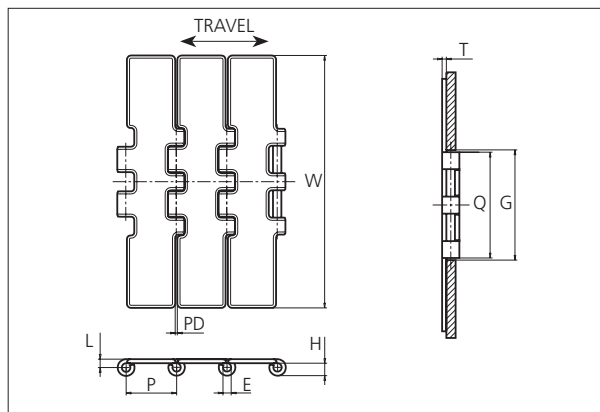
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# Slat Top Steel Chain

## uni SS802



### Slat Top Steel Chain

Straight running chain  
Pitch: 38.1 mm (1.50 in)  
Backflex radius: 150.0 mm (5.91 in)  
Permissible tensile strength:  
3500 N (787 lbf)

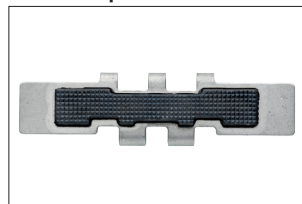
Delivery: 3.048 m (10 ft)  
No. of links/box: 80

| E   |      | G    |      | H   |      | L   |      | P    |      | Q    |      | T   |      | PD  |      |
|-----|------|------|------|-----|------|-----|------|------|------|------|------|-----|------|-----|------|
| mm  | in   | mm   | in   | mm  | in   | mm  | in   | mm   | in   | mm   | in   | mm  | in   | mm  | in   |
| 6.4 | 0.25 | 82.5 | 3.25 | 9.9 | 0.39 | 6.5 | 0.26 | 38.1 | 1.50 | 80.5 | 3.17 | 3.0 | 0.12 | 1.6 | 0.06 |

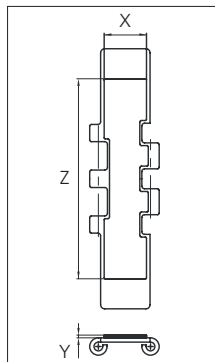
| Width (W) |       |      | Material | Pin material | Weight |       |
|-----------|-------|------|----------|--------------|--------|-------|
|           | mm    | in   |          |              | kg/m   | lb/ft |
| K750      | 190.5 | 7.50 | SS430    | SS431        | 5.8    | 3.90  |

### Accessories

#### Rubber Top



Sold only in full coils of:  
3.048m (10 ft), No. of links: 80



| Width | Rubber material | Z     |      | X    |      | Y   |      |
|-------|-----------------|-------|------|------|------|-----|------|
|       |                 | mm    | in   | mm   | in   | mm  | in   |
| K750  | 06 K            | 139.6 | 5.50 | 24.5 | 0.96 | 3.0 | 0.12 |

STANDARD

SLAT TOP STEEL CHAIN

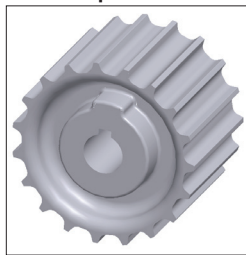
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |                |
| <b>Z19</b>  | 117.3          | 4.62 | 117.0            | 4.61 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 58.7        | 2.31 | 64.5        | 2.54 | x             | x                | x              |
| <b>Z21</b>  | 129.2          | 5.09 | 130.0            | 5.12 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 65.0        | 2.56 | 70.5        | 2.78 | x             | x                | x              |
| <b>Z23</b>  | 141.2          | 5.56 | 142.0            | 5.59 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 71.2        | 2.80 | 76.5        | 3.01 | x             | x                | x              |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             | x                | x              |
| <b>Z27</b>  | 165.2          | 6.50 | 167.0            | 6.57 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 83.6        | 3.29 | 88.5        | 3.48 |               | x                | x              |
| <b>Z29</b>  | 177.2          | 6.98 | 179.0            | 7.05 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 89.8        | 3.54 | 94.6        | 3.72 |               | x                | x              |
| <b>Z31</b>  | 189.3          | 7.45 | 192.0            | 7.56 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 95.9        | 3.78 | 100.6       | 3.96 |               | 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 PA6 LG | Molded Cast Iron | Machined PA6 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |                |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             |                  |                |

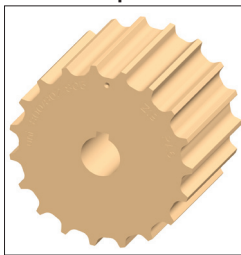
### Molded sprocket



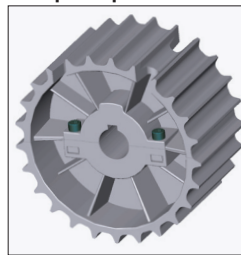
### Cast iron sprocket



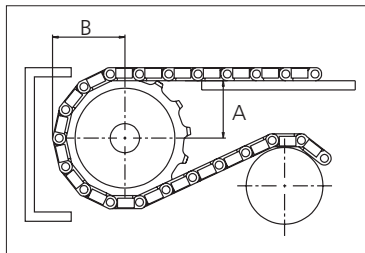
### Machined sprocket



### 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: 79.4 mm/3.13 in

Width of sprocket: 79.4 mm/3.13 in

uni Retainer Rings: See uni Retainer Ring data sheet

uni Idler: See uni Idler data sheet

uni Guide Rings can be mounted on cast iron and machined sprockets. See data sheet

uni SS802/0712



Conveyor



Seamless



Modular



Timing



Transmission



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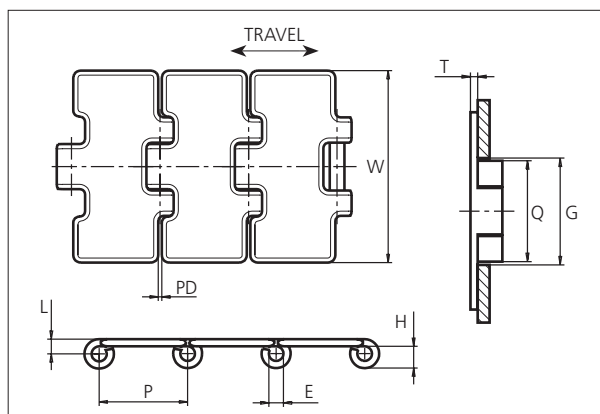
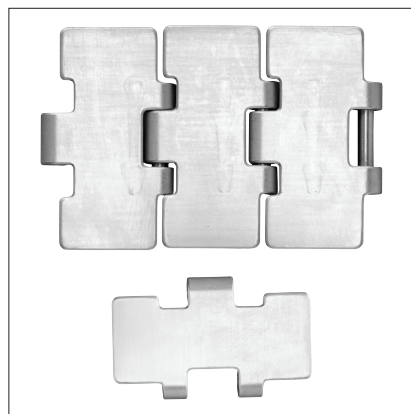
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# Slat Top Steel Chain

## uni SS812



### Slat Top Steel Chain

Straight running chain

Pitch: 38.1 mm (1.50 in)

Backflex radius: 150.0 mm (5.91 in)

Permissible tensile strength:  
2250 N (506 lbf)

Delivery: 3.048 m (10 ft)

No. of links/box: 80

STANDARD

| E   |      | G    |      | H   |      | L   |      | P    |      | Q    |      | T   |      | PD  |      |
|-----|------|------|------|-----|------|-----|------|------|------|------|------|-----|------|-----|------|
| mm  | in   | mm   | in   | mm  | in   | mm  | in   | mm   | in   | mm   | in   | mm  | in   | mm  | in   |
| 6.4 | 0.25 | 45.0 | 1.77 | 9.9 | 0.39 | 6.5 | 0.26 | 38.1 | 1.50 | 42.5 | 1.67 | 3.0 | 0.12 | 1.6 | 0.06 |

| Width (W) |       |      | Material | Pin material | Weight |       |
|-----------|-------|------|----------|--------------|--------|-------|
|           | mm    | in   |          |              | kg/m   | lb/ft |
| K225      | 57.2  | 2.25 | SS430    | SS431        | 2.2    | 1.48  |
| K250      | 63.5  | 2.50 | SS430    | SS431        | 2.3    | 1.55  |
| K325      | 82.6  | 3.25 | SS430    | SS431        | 2.7    | 1.81  |
| K400      | 101.6 | 4.00 | SS430    | SS431        | 3.0    | 2.02  |
| K450      | 114.3 | 4.50 | SS430    | SS431        | 3.3    | 2.22  |
| K600      | 152.4 | 6.00 | SS430    | SS431        | 4.2    | 2.82  |
| K750      | 190.5 | 7.50 | SS430    | SS431        | 5.1    | 3.43  |

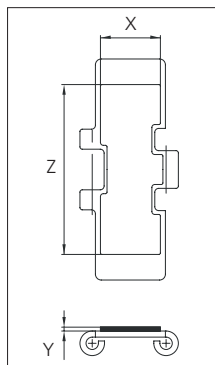
SLAT TOP STEEL CHAIN

### Accessories

#### Rubber Top



Sold only in full coils of:  
3.048m (10 ft), No. of links: 80



| Width | Rubber material | Z     |      | X     |      | Y   |      |
|-------|-----------------|-------|------|-------|------|-----|------|
|       |                 | mm    | in   | mm    | in   | mm  | in   |
| K125  | 06 K            | 25.7  | 1.01 | 19.7  | 0.78 | 3.0 | 0.12 |
| K325  | 06 K            | 76.7  | 3.02 | 28.8  | 1.13 | 3.0 | 0.12 |
| K450  | 06 K            | 108.0 | 4.25 | 27.2* | 1.07 | 3.0 | 0.12 |
| K600  | 06 K            | 146.0 | 5.75 | 30.7  | 1.21 | 3.0 | 0.12 |
| K750  | 06 K            | 146.0 | 5.75 | 30.7  | 1.21 | 3.0 | 0.12 |

\* Is an average measurement, because the rubber is conical

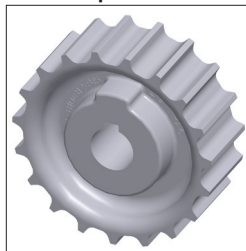
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |                |
| <b>Z19</b>  | 117.3          | 4.62 | 117.0            | 4.61 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 58.7        | 2.31 | 64.5        | 2.54 | x             | x                |                |
| <b>Z21</b>  | 129.2          | 5.09 | 130.0            | 5.12 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 65.0        | 2.56 | 70.5        | 2.78 | x             | x                |                |
| <b>Z23</b>  | 141.2          | 5.56 | 142.0            | 5.59 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 71.2        | 2.80 | 76.5        | 3.01 | x             | x                |                |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             | x                |                |
| <b>Z27</b>  | 165.2          | 6.50 | 167.0            | 6.57 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 83.6        | 3.29 | 88.5        | 3.48 |               | x                | x              |
| <b>Z29</b>  | 177.2          | 6.98 | 179.0            | 7.05 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 89.8        | 3.54 | 94.6        | 3.72 |               | x                | x              |
| <b>Z31</b>  | 189.3          | 7.45 | 192.0            | 7.56 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 95.9        | 3.78 | 100.6       | 3.96 |               | 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 PA6 LG | Molded Cast Iron | Machined PA6 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |                |
| <b>Z19</b>  | 117.3          | 4.62 | 117.0            | 4.61 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 58.7        | 2.31 | 64.5        | 2.54 | x             |                  |                |
| <b>Z21</b>  | 129.2          | 5.09 | 130.0            | 5.12 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 65.0        | 2.56 | 70.5        | 2.78 | x             |                  |                |
| <b>Z23</b>  | 141.2          | 5.56 | 142.0            | 5.59 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 71.2        | 2.80 | 76.5        | 3.01 | x             |                  |                |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             |                  |                |

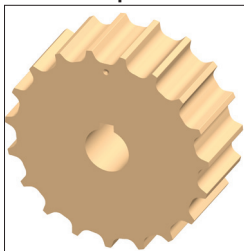
### Molded sprocket



### Cast iron sprocket



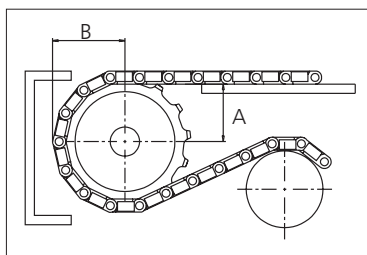
### Machined sprocket



### 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: 31.8 mm/1.25 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

uni Guide Rings can be mounted on cast iron and machined sprockets. See data sheet



Conveyor



Seamless



Modular



Timing



Transmission



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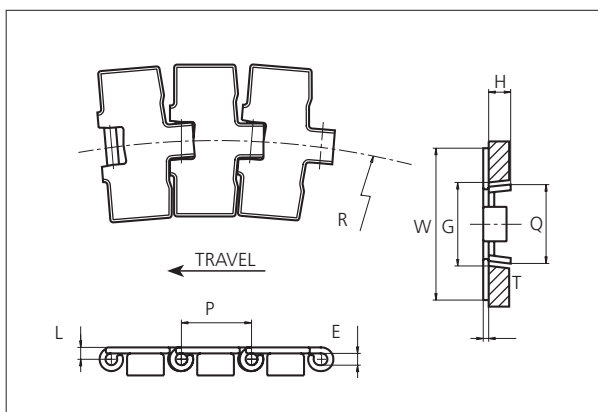
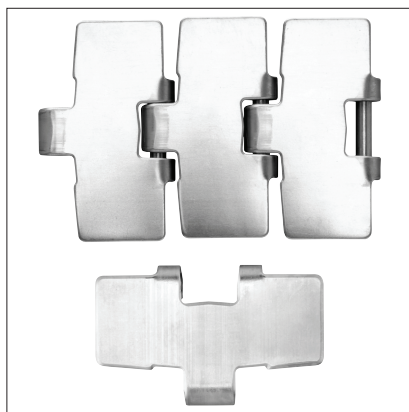
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# Slat Top Steel Chain

## uni SS881



### Slat Top Steel Chain

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius: 76.2 mm (3.00 in)

Permissible tensile strength:  
2250 N (506 lbf)

Delivery: 3.048 m (10 ft)

No. of links/box: 80

| E   |      | G*   |      | G**  |      | H    |      | L   |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|-----|------|------|------|------|------|-----|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   | mm   | in   | mm  | in   |
| 6.4 | 0.25 | 41.3 | 1.63 | 46.6 | 1.83 | 11.2 | 0.44 | 6.5 | 0.26 | 38.1 | 1.50 | 43.0 | 1.69 | 3.0 | 0.12 |

\*Curve, \*\* Straight

| Width (W) |       |      | Material | Pin material | Weight |       | Min. radius (R) |       |
|-----------|-------|------|----------|--------------|--------|-------|-----------------|-------|
|           | mm    | in   |          |              | kg/m   | lb/ft | mm              | in    |
| K325      | 82.6  | 3.25 | SS430    | SS431        | 2.9    | 1.95  | 457.0           | 17.99 |
| K450      | 114.3 | 4.50 | SS430    | SS431        | 3.6    | 2.42  | 500.0           | 19.69 |
| K750      | 190.5 | 7.50 | SS430    | SS431        | 5.3    | 3.56  | 500.0           | 19.69 |

STANDARD

SLAT TOP STEEL CHAIN

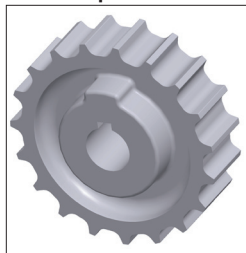
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |                |
| <b>Z19</b>  | 117.3          | 4.62 | 117.0            | 4.61 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 58.7        | 2.31 | 64.5        | 2.54 | x             | x                | x              |
| <b>Z21</b>  | 129.2          | 5.09 | 130.0            | 5.12 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 65.0        | 2.56 | 70.5        | 2.78 | x             | x                | x              |
| <b>Z23</b>  | 141.2          | 5.56 | 142.0            | 5.59 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 71.2        | 2.80 | 76.5        | 3.01 | x             | x                | x              |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             | x                | x              |
| <b>Z27</b>  | 165.2          | 6.50 | 167.0            | 6.57 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 83.6        | 3.29 | 88.5        | 3.48 |               | x                | x              |
| <b>Z29</b>  | 177.2          | 6.98 | 179.0            | 7.05 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 89.8        | 3.54 | 94.6        | 3.72 |               | x                | x              |
| <b>Z31</b>  | 189.3          | 7.45 | 192.0            | 7.56 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 95.9        | 3.78 | 100.6       | 3.96 |               | 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 PA6 LG | Molded Cast Iron | Machined PA6 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |                |
| <b>Z19</b>  | 117.3          | 4.62 | 117.0            | 4.61 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 58.7        | 2.31 | 64.5        | 2.54 | x             |                  |                |
| <b>Z21</b>  | 129.2          | 5.09 | 130.0            | 5.12 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 65.0        | 2.56 | 70.5        | 2.78 | x             |                  |                |
| <b>Z23</b>  | 141.2          | 5.56 | 142.0            | 5.59 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 71.2        | 2.80 | 76.5        | 3.01 | x             |                  |                |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             |                  |                |

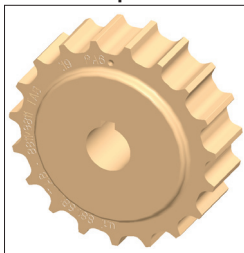
### Molded sprocket



### Cast iron sprocket



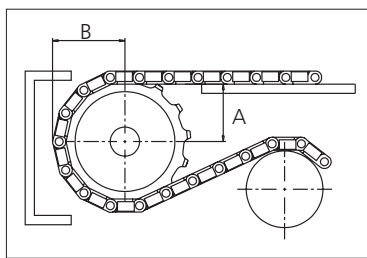
### Machined sprocket



### 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: 31.8 mm/1.25 in

Width of sprocket: 42.3 mm/1.67 in

uni Retainer Rings: See uni Retainer Ring data sheet

uni SS881/0712



Conveyor



Seamless



Modular



Timing



Transmission



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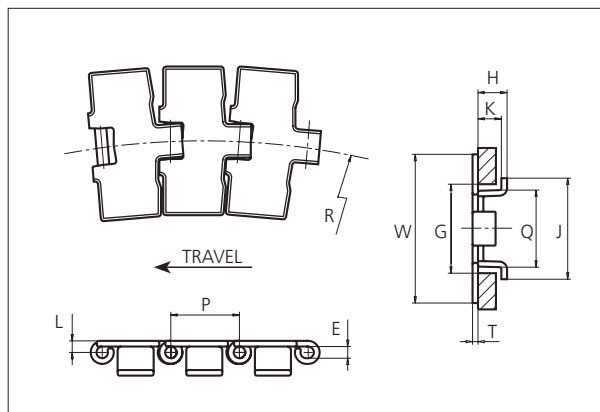
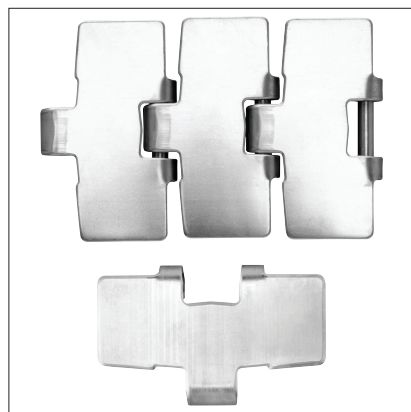
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F +45 7572 3348  
admin@unichains.com  
www.unichains.com

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# Slat Top Steel Chain

## uni SS881 TAB



### Slat Top Steel Chain

Side flexing chain  
Pitch: 38.1 mm (1.50 in)  
Backflex radius: 76.2 mm (3.00 in)  
Permissible tensile strength:  
2250 N (506 lbf)

Delivery: 3.048 m (10 ft)  
No. of links/box: 80

STANDARD

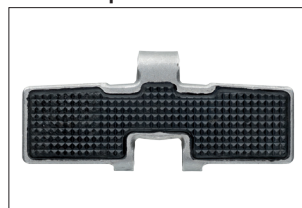
| E   |      | G    |      | H    |      | J    |      | K    |      | L   |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|-----|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   | mm   | in   | mm  | in   |
| 6.4 | 0.25 | 44.5 | 1.75 | 16.3 | 0.64 | 56.2 | 2.21 | 12.7 | 0.50 | 6.5 | 0.26 | 38.1 | 1.50 | 43.0 | 1.69 | 3.0 | 0.12 |

| Width (W) |       |      | Material | Pin material | Weight |       | Min. radius (R) |       |
|-----------|-------|------|----------|--------------|--------|-------|-----------------|-------|
|           | mm    | in   |          |              | kg/m   | lb/ft | mm              | in    |
| K325      | 82.6  | 3.25 | SS430    | SS431        | 3.1    | 2.08  | 457.0           | 17.99 |
| K450      | 114.3 | 4.50 | SS430    | SS431        | 3.8    | 2.55  | 500.0           | 19.69 |
| K750      | 190.5 | 7.50 | SS430    | SS431        | 5.5    | 3.70  | 500.0           | 19.69 |

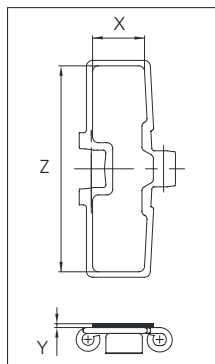
SLAT TOP STEEL CHAIN

### Accessories

#### Rubber Top



Sold only in full coils of:  
3.048m (10 ft), No. of links: 80



| Width | Rubber material | Z     |      | X    |      | Y   |      |
|-------|-----------------|-------|------|------|------|-----|------|
|       |                 | mm    | in   | mm   | in   | mm  | in   |
| K325  | 06 K            | 76.1  | 3.00 | 28.0 | 1.10 | 3.0 | 1.12 |
| K450  | 06 K            | 108.3 | 4.26 | 27.5 | 1.08 | 3.0 | 1.12 |
| K750  | 06 K            | 185.0 | 7.28 | 26.0 | 1.02 | 3.0 | 1.12 |

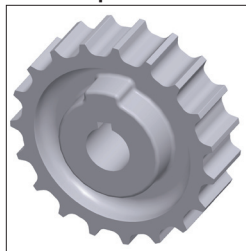
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |                |
| <b>Z19</b>  | 117.3          | 4.62 | 117.0            | 4.61 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 58.7        | 2.31 | 64.5        | 2.54 | x             | x                | x              |
| <b>Z21</b>  | 129.2          | 5.09 | 130.0            | 5.12 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 65.0        | 2.56 | 70.5        | 2.78 | x             | x                | x              |
| <b>Z23</b>  | 141.2          | 5.56 | 142.0            | 5.59 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 71.2        | 2.80 | 76.5        | 3.01 | x             | x                | x              |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             | x                | x              |
| <b>Z27</b>  | 165.2          | 6.50 | 167.0            | 6.57 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 83.6        | 3.29 | 88.5        | 3.48 |               | x                | x              |
| <b>Z29</b>  | 177.2          | 6.98 | 179.0            | 7.05 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 89.8        | 3.54 | 94.6        | 3.72 |               | x                | x              |
| <b>Z31</b>  | 189.3          | 7.45 | 192.0            | 7.56 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 95.9        | 3.78 | 100.6       | 3.96 |               | 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 PA6 LG | Molded Cast Iron | Machined PA6 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |                |
| <b>Z19</b>  | 117.3          | 4.62 | 117.0            | 4.61 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 58.7        | 2.31 | 64.5        | 2.54 | x             |                  |                |
| <b>Z21</b>  | 129.2          | 5.09 | 130.0            | 5.12 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 65.0        | 2.56 | 70.5        | 2.78 | x             |                  |                |
| <b>Z23</b>  | 141.2          | 5.56 | 142.0            | 5.59 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 71.2        | 2.80 | 76.5        | 3.01 | x             |                  |                |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             |                  |                |

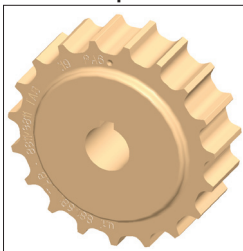
### Molded sprocket



### Cast iron sprocket



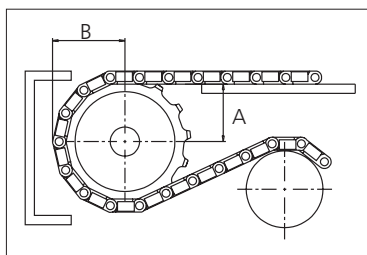
### Machined sprocket



### 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: 31.8 mm/1.25 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

uni SS881 TAB/0712



Conveyor



Seamless



Modular



Timing



Transmission



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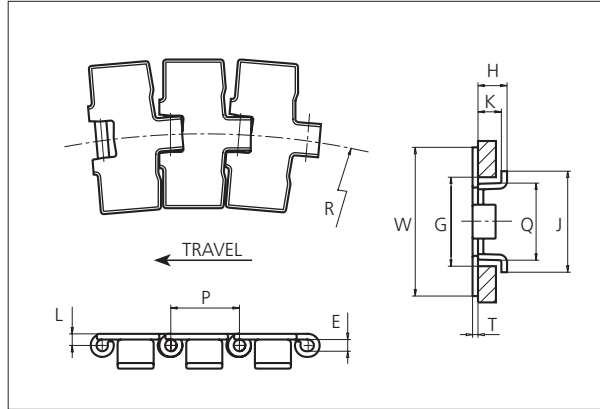
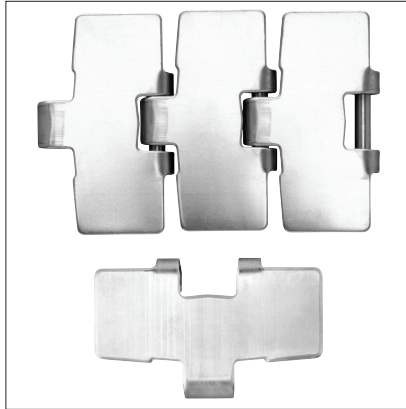
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# Slat Top Steel Chain

## uni SS881 TAB-R



### Slat Top Steel Chain

Side flexing chain  
 Pitch: 38.1 mm (1.50 in)  
 Backflex radius: 76.2 mm (3.00 in)  
 Permissible tensile strength:  
 2250 N (506 lbf)  
 Delivery: 3.048 m (10 ft)  
 No. of links/box: 80

STANDARD

| E   |      | G    |      | H    |      | J    |      | K    |      | L   |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|-----|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   | mm   | in   | mm  | in   |
| 6.4 | 0.25 | 44.5 | 1.75 | 16.3 | 0.64 | 56.2 | 2.21 | 12.7 | 0.50 | 6.5 | 0.26 | 38.1 | 1.50 | 43.0 | 1.69 | 3.0 | 0.12 |

| Width (W) |      |      | Material | Pin material | Weight |       | Min. radius (R) |      |
|-----------|------|------|----------|--------------|--------|-------|-----------------|------|
|           | mm   | in   |          |              | kg/m   | lb/ft | mm              | in   |
| K325      | 82.6 | 3.25 | SS430    | SS431        | 3.0    | 2.02  | 190.0           | 7.48 |

SLAT TOP STEEL CHAIN

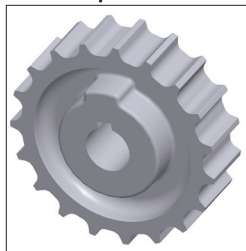
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |                |
| <b>Z19</b>  | 117.3          | 4.62 | 117.0            | 4.61 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 58.7        | 2.31 | 64.5        | 2.54 | x             | x                | x              |
| <b>Z21</b>  | 129.2          | 5.09 | 130.0            | 5.12 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 65.0        | 2.56 | 70.5        | 2.78 | x             | x                | x              |
| <b>Z23</b>  | 141.2          | 5.56 | 142.0            | 5.59 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 71.2        | 2.80 | 76.5        | 3.01 | x             | x                | x              |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             | x                | x              |
| <b>Z27</b>  | 165.2          | 6.50 | 167.0            | 6.57 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 83.6        | 3.29 | 88.5        | 3.48 |               | x                | x              |
| <b>Z29</b>  | 177.2          | 6.98 | 179.0            | 7.05 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 89.8        | 3.54 | 94.6        | 3.72 |               | x                | x              |
| <b>Z31</b>  | 189.3          | 7.45 | 192.0            | 7.56 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 95.9        | 3.78 | 100.6       | 3.96 |               | 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 PA6 LG | Molded Cast Iron | Machined PA6 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |                |
| <b>Z19</b>  | 117.3          | 4.62 | 117.0            | 4.61 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 58.7        | 2.31 | 64.5        | 2.54 | x             |                  |                |
| <b>Z21</b>  | 129.2          | 5.09 | 130.0            | 5.12 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 65.0        | 2.56 | 70.5        | 2.78 | x             |                  |                |
| <b>Z23</b>  | 141.2          | 5.56 | 142.0            | 5.59 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 71.2        | 2.80 | 76.5        | 3.01 | x             |                  |                |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             |                  |                |

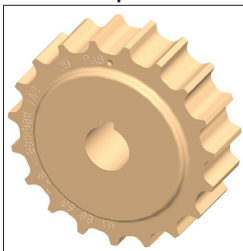
### Molded sprocket



### Cast iron sprocket



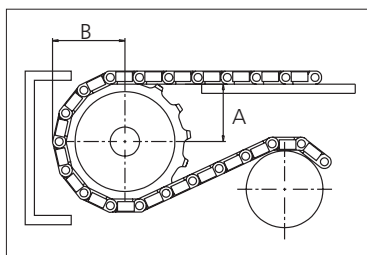
### Machined sprocket



### 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: 31.8 mm/1.25 in

Width of sprocket: 42.3 mm/1.67 in

uni Retainer Rings: See uni Retainer Ring data sheet

uni SS881 TAB-R/0712



Conveyor



Seamless



Modular



Timing



Transmission



Fabrication & service

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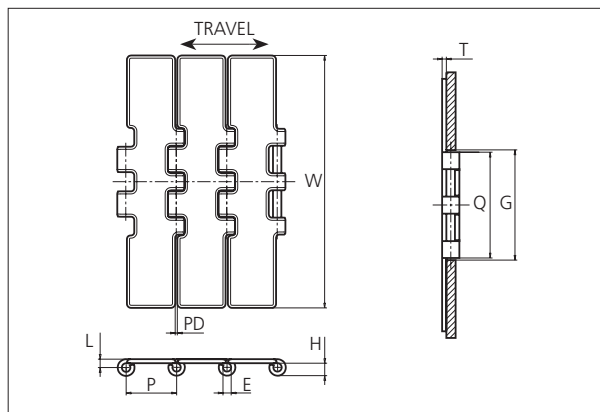
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# Slat Top Steel Chain

## uni SSS805



### Slat Top Steel Chain

Straight running chain  
Pitch: 38.1 mm (1.50 in)  
Backflex radius: 150.0 mm (5.91 in)  
Permissible tensile strength:  
3500 N (787 lbf)

Delivery: 3.048 m (10 ft)  
No. of links/box: 80

| E   |      | G    |      | H   |      | L   |      | P    |      | Q    |      | T   |      | PD  |      |
|-----|------|------|------|-----|------|-----|------|------|------|------|------|-----|------|-----|------|
| mm  | in   | mm   | in   | mm  | in   | mm  | in   | mm   | in   | mm   | in   | mm  | in   | mm  | in   |
| 6.4 | 0.25 | 82.5 | 3.25 | 9.9 | 0.39 | 6.5 | 0.26 | 38.1 | 1.50 | 80.5 | 3.17 | 3.0 | 0.12 | 1.6 | 0.06 |

| Width (W) |       |      | Material | Pin material | Weight |       |
|-----------|-------|------|----------|--------------|--------|-------|
|           | mm    | in   |          |              | kg/m   | lb/ft |
| K750      | 190.5 | 7.50 | SS304    | SS431        | 5.8    | 3.90  |

STANDARD

SLAT TOP STEEL CHAIN



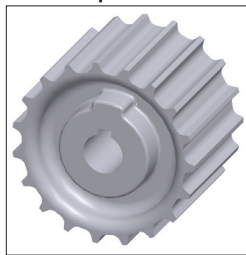
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |                |
| <b>Z19</b>  | 117.3          | 4.62 | 117.0            | 4.61 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 58.7        | 2.31 | 64.5        | 2.54 | x             | x                | x              |
| <b>Z21</b>  | 129.2          | 5.09 | 130.0            | 5.12 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 65.0        | 2.56 | 70.5        | 2.78 | x             | x                | x              |
| <b>Z23</b>  | 141.2          | 5.56 | 142.0            | 5.59 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 71.2        | 2.80 | 76.5        | 3.01 | x             | x                | x              |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             | x                | x              |
| <b>Z27</b>  | 165.2          | 6.50 | 167.0            | 6.57 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 83.6        | 3.29 | 88.5        | 3.48 |               | x                | x              |
| <b>Z29</b>  | 177.2          | 6.98 | 179.0            | 7.05 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 89.8        | 3.54 | 94.6        | 3.72 |               | x                | x              |
| <b>Z31</b>  | 189.3          | 7.45 | 192.0            | 7.56 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 95.9        | 3.78 | 100.6       | 3.96 |               | 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 PA6 LG | Molded Cast Iron | Machined PA6 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |                |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             |                  |                |

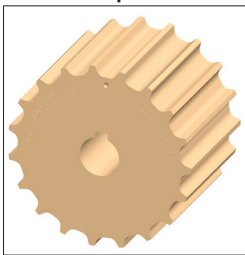
### Molded sprocket



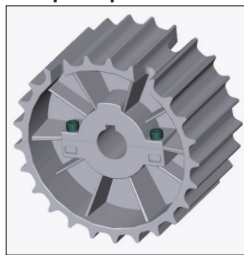
### Cast iron sprocket



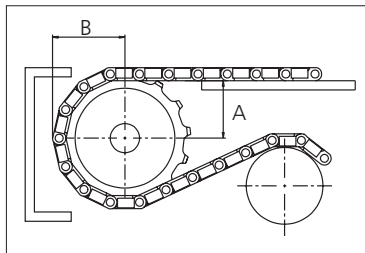
### Machined sprocket



### 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: 79.4 mm/3.13 in

Width of sprocket: 79.4 mm/3.13 in

uni Retainer Rings: See uni Retainer Ring data sheet

uni Idler: See uni Idler data sheet

uni Guide Rings can be mounted on cast iron and machined sprockets. See data sheet

uni SSS805/0712



Conveyor



Seamless



Modular



Timing



Transmission



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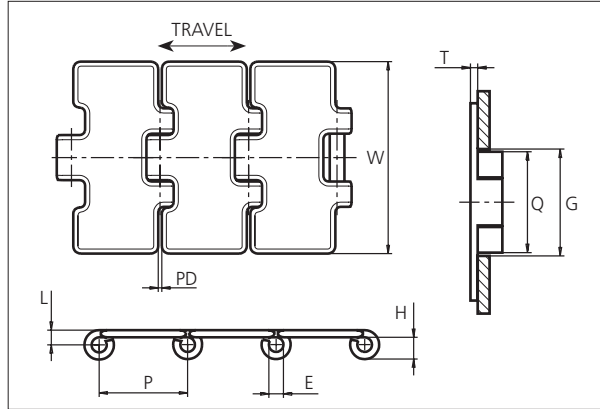
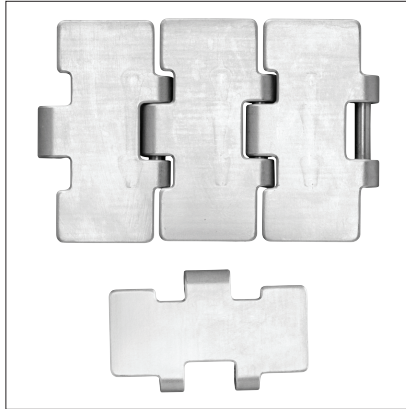
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# Slat Top Steel Chain

## uni SSS815



### Slat Top Steel Chain

Straight running chain  
 Pitch: 38.1 mm (1.50 in)  
 Backflex radius: 150.0 mm (5.91 in)  
 Permissible tensile strength:  
 2250 N (506 lbf)  
 Delivery: 3.048 m (10 ft)  
 No. of links/box: 80

STANDARD

| E   |      | G    |      | H   |      | L   |      | P    |      | Q    |      | T   |      | PD  |      |
|-----|------|------|------|-----|------|-----|------|------|------|------|------|-----|------|-----|------|
| mm  | in   | mm   | in   | mm  | in   | mm  | in   | mm   | in   | mm   | in   | mm  | in   | mm  | in   |
| 6.4 | 0.25 | 45.0 | 1.77 | 9.9 | 0.39 | 6.5 | 0.26 | 38.1 | 1.50 | 42.5 | 1.67 | 3.0 | 0.12 | 1.6 | 0.06 |

SLAT TOP STEEL CHAIN

| Width (W) |       |      | Material | Pin material | Weight |       |
|-----------|-------|------|----------|--------------|--------|-------|
|           | mm    | in   |          |              | kg/m   | lb/ft |
| K250      | 63.5  | 2.50 | SS304    | SS431        | 2.3    | 1.55  |
| K325      | 82.6  | 3.25 | SS304    | SS431        | 2.7    | 1.81  |
| K400      | 101.6 | 4.00 | SS304    | SS431        | 3.0    | 2.02  |
| K450      | 114.3 | 4.50 | SS304    | SS431        | 3.3    | 2.22  |
| K600      | 152.4 | 6.00 | SS304    | SS431        | 4.2    | 2.82  |
| K750      | 190.5 | 7.50 | SS304    | SS431        | 5.1    | 3.43  |

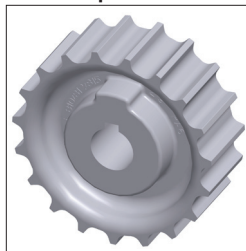
## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | Molded LG PA6 | Molded Cast Iron | Machined PA6 |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|--------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |              |
| <b>Z19</b>  | 117.3          | 4.62 | 117.0            | 4.61 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 58.7        | 2.31 | 64.5        | 2.54 | x             | x                |              |
| <b>Z21</b>  | 129.2          | 5.09 | 130.0            | 5.12 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 65.0        | 2.56 | 70.5        | 2.78 | x             | x                |              |
| <b>Z23</b>  | 141.2          | 5.56 | 142.0            | 5.59 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 71.2        | 2.80 | 76.5        | 3.01 | x             | x                |              |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             | x                |              |
| <b>Z27</b>  | 165.2          | 6.50 | 167.0            | 6.57 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 83.6        | 3.29 | 88.5        | 3.48 |               | x                | x            |
| <b>Z29</b>  | 177.2          | 6.98 | 179.0            | 7.05 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 89.8        | 3.54 | 94.6        | 3.72 |               | x                | x            |
| <b>Z31</b>  | 189.3          | 7.45 | 192.0            | 7.56 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 95.9        | 3.78 | 100.6       | 3.96 |               | 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 LG PA6 | Molded Cast Iron | Machined PA6 |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|--------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |              |
| <b>Z19</b>  | 117.3          | 4.62 | 117.0            | 4.61 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 58.7        | 2.31 | 64.5        | 2.54 | x             |                  |              |
| <b>Z21</b>  | 129.2          | 5.09 | 130.0            | 5.12 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 65.0        | 2.56 | 70.5        | 2.78 | x             |                  |              |
| <b>Z23</b>  | 141.2          | 5.56 | 142.0            | 5.59 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 71.2        | 2.80 | 76.5        | 3.01 | x             |                  |              |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             |                  |              |

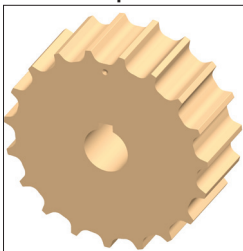
### Molded sprocket



### Cast iron sprocket



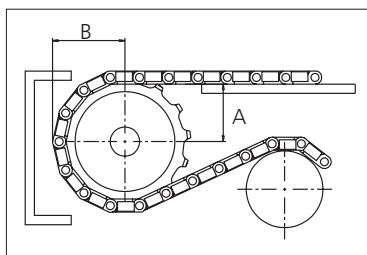
### Machined sprocket



### 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: 31.8 mm/1.25 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

uni Guide Rings can be mounted on cast iron and machined sprockets. See data sheet

uni SSS815/0712



Conveyor



Seamless



Modular



Timing



Transmission



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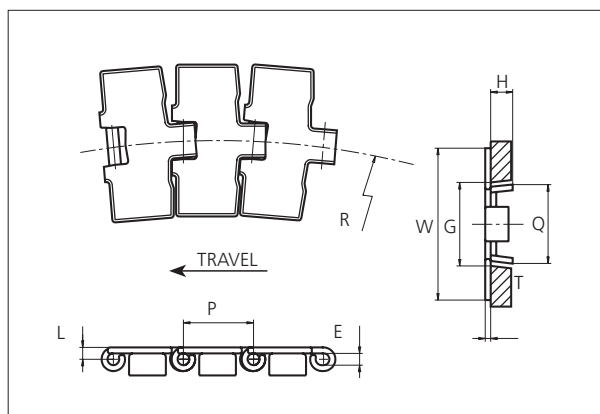
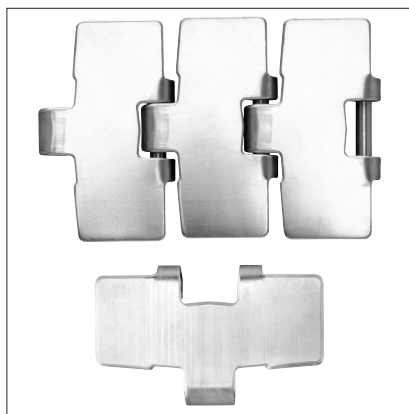
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# Slat Top Steel Chain

## uni SSS881



### Slat Top Steel Chain

Side flexing chain  
Pitch: 38.1 mm (1.50 in)  
Backflex radius: 76.2 mm (3.00 in)  
Permissible tensile strength:  
2250 N (506 lbf)

Delivery: 3.048 m (10 ft)  
No. of links/box: 80

| E   |      | G*   |      | G**  |      | H    |      | L   |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|-----|------|------|------|------|------|-----|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   | mm   | in   | mm  | in   |
| 6.4 | 0.25 | 41.3 | 1.63 | 46.6 | 1.83 | 11.2 | 0.44 | 6.5 | 0.26 | 38.1 | 1.50 | 43.0 | 1.69 | 3.0 | 0.12 |

\*Curve, \*\* Straight

| Width (W) |       |      | Material | Pin material | Weight |       | Min. radius (R) |       |
|-----------|-------|------|----------|--------------|--------|-------|-----------------|-------|
|           | mm    | in   |          |              | kg/m   | lb/ft | mm              | in    |
| K325      | 82.6  | 3.25 | SS304    | SS431        | 2.9    | 1.95  | 457.0           | 17.99 |
| K450      | 114.3 | 4.50 | SS304    | SS431        | 3.5    | 2.42  | 500.0           | 19.69 |
| K750      | 190.5 | 7.50 | SS304    | SS431        | 5.3    | 3.56  | 500.0           | 19.69 |

STANDARD

SLAT TOP STEEL CHAIN

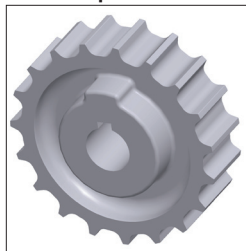
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |                |
| <b>Z19</b>  | 117.3          | 4.62 | 117.0            | 4.61 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 58.7        | 2.31 | 64.5        | 2.54 | x             | x                | x              |
| <b>Z21</b>  | 129.2          | 5.09 | 130.0            | 5.12 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 65.0        | 2.56 | 70.5        | 2.78 | x             | x                | x              |
| <b>Z23</b>  | 141.2          | 5.56 | 142.0            | 5.59 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 71.2        | 2.80 | 76.5        | 3.01 | x             | x                | x              |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             | x                | x              |
| <b>Z27</b>  | 165.2          | 6.50 | 167.0            | 6.57 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 83.6        | 3.29 | 88.5        | 3.48 |               | x                | x              |
| <b>Z29</b>  | 177.2          | 6.98 | 179.0            | 7.05 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 89.8        | 3.54 | 94.6        | 3.72 |               | x                | x              |
| <b>Z31</b>  | 189.3          | 7.45 | 192.0            | 7.56 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 95.9        | 3.78 | 100.6       | 3.96 |               | 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 PA6 LG | Molded Cast Iron | Machined PA6 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |                |
| <b>Z19</b>  | 117.3          | 4.62 | 117.0            | 4.61 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 58.7        | 2.31 | 64.5        | 2.54 | x             |                  |                |
| <b>Z21</b>  | 129.2          | 5.09 | 130.0            | 5.12 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 65.0        | 2.56 | 70.5        | 2.78 | x             |                  |                |
| <b>Z23</b>  | 141.2          | 5.56 | 142.0            | 5.59 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 71.2        | 2.80 | 76.5        | 3.01 | x             |                  |                |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             |                  |                |

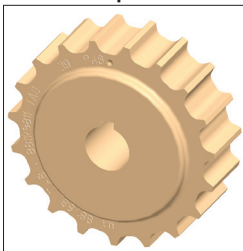
### Molded sprocket



### Cast iron sprocket



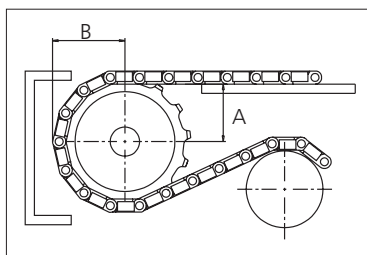
### Machined sprocket



### 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: 31.8 mm/1.25 in

Width of sprocket: 42.3 mm/1.67 in

uni Retainer Rings: See uni Retainer Ring data sheet

uni SSS881/0712



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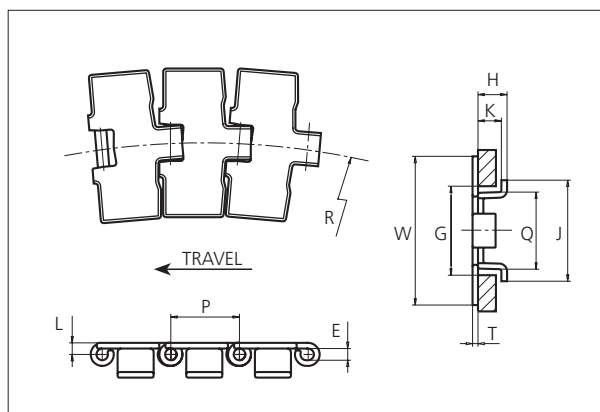
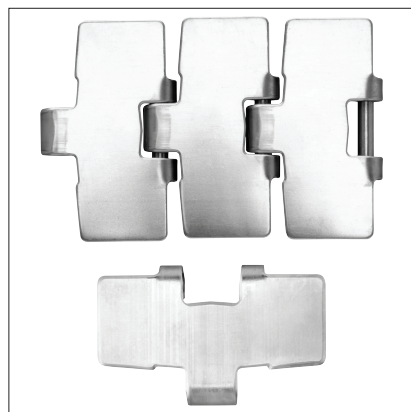
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# Slat Top Steel Chain

## uni SSS881 TAB



### Slat Top Steel Chain

Side flexing chain  
Pitch: 38.1 mm (1.50 in)  
Backflex radius: 76.2 mm (3.00 in)  
Permissible tensile strength:  
2250 N (506 lbf)

Delivery: 3.048 m (10 ft)  
No. of links/box: 80

STANDARD

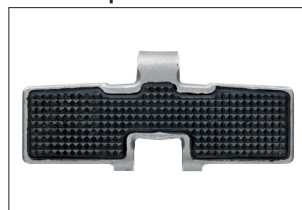
| E   |      | G    |      | H    |      | J    |      | K    |      | L   |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|-----|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   | mm   | in   | mm  | in   |
| 6.4 | 0.25 | 44.5 | 1.75 | 16.3 | 0.64 | 56.2 | 2.21 | 12.7 | 0.50 | 6.5 | 0.26 | 38.1 | 1.50 | 43.0 | 1.69 | 3.0 | 0.12 |

| Width (W) |       |      | Material | Pin material | Weight |       | Min. radius (R) |       |
|-----------|-------|------|----------|--------------|--------|-------|-----------------|-------|
|           | mm    | in   |          |              | kg/m   | lb/ft | mm              | in    |
| K325      | 82.6  | 3.25 | SS304    | SS431        | 3.1    | 2.08  | 457.0           | 17.99 |
| K450      | 114.3 | 4.50 | SS304    | SS431        | 3.8    | 2.55  | 500.0           | 19.69 |
| K750      | 190.5 | 7.50 | SS304    | SS431        | 5.5    | 3.70  | 500.0           | 19.69 |

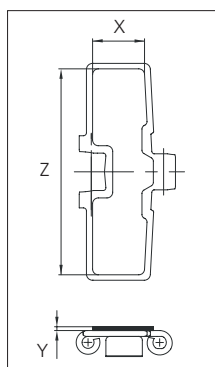
SLAT TOP STEEL CHAIN

### Accessories

#### Rubber Top



Sold only in full coils of:  
3.048m (10 ft), No. of links: 80



| Width | Rubber material | Z     |      | X    |      | Y   |      |
|-------|-----------------|-------|------|------|------|-----|------|
|       |                 | mm    | in   | mm   | in   | mm  | in   |
| K325  | 06 K            | 76.1  | 3.00 | 28.0 | 1.10 | 3.0 | 1.12 |
| K450  | 06 K            | 108.3 | 4.26 | 27.5 | 1.08 | 3.0 | 1.12 |
| K750  | 06 K            | 185.0 | 7.28 | 26.0 | 1.02 | 3.0 | 1.12 |

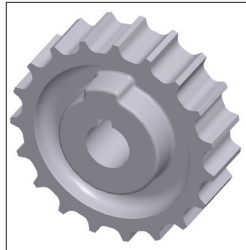
## Sprocket

| 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  |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|--------------------------------------------------------------------------------------------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |                                                                                                  |
| <b>Z19</b>  | 117.3          | 4.62 | 117.0            | 4.61 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 58.7        | 2.31 | 64.5        | 2.54 | x             | x                | x                                                                                                |
| <b>Z21</b>  | 129.2          | 5.09 | 130.0            | 5.12 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 65.0        | 2.56 | 70.5        | 2.78 | x             | x                | x                                                                                                |
| <b>Z23</b>  | 141.2          | 5.56 | 142.0            | 5.59 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 71.2        | 2.80 | 76.5        | 3.01 | x             | x                | x                                                                                                |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             | x                | x                                                                                                |
| <b>Z27</b>  | 165.2          | 6.50 | 167.0            | 6.57 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 83.6        | 3.29 | 88.5        | 3.48 |               | x                | x                                                                                                |
| <b>Z29</b>  | 177.2          | 6.98 | 179.0            | 7.05 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 89.8        | 3.54 | 94.6        | 3.72 |               | x                | x                                                                                                |
| <b>Z31</b>  | 189.3          | 7.45 | 192.0            | 7.56 | 20.0        | 0.79 | 70.0        | 2.76 | 0            | 0    | 95.9        | 3.78 | 100.6       | 3.96 |               | 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 PA6 LG | Molded Cast Iron | Machined PA6  |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|--------------------------------------------------------------------------------------------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |                                                                                                  |
| <b>Z19</b>  | 117.3          | 4.62 | 117.0            | 4.61 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 58.7        | 2.31 | 64.5        | 2.54 | x             |                  |                                                                                                  |
| <b>Z21</b>  | 129.2          | 5.09 | 130.0            | 5.12 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 65.0        | 2.56 | 70.5        | 2.78 | x             |                  |                                                                                                  |
| <b>Z23</b>  | 141.2          | 5.56 | 142.0            | 5.59 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 71.2        | 2.80 | 76.5        | 3.01 | x             |                  |                                                                                                  |
| <b>Z25</b>  | 153.2          | 6.03 | 155.0            | 6.10 | 20.0        | 0.79 | 40.0        | 1.57 | 58.0         | 2.28 | 77.4        | 3.05 | 82.5        | 3.25 | x             |                  |                                                                                                  |

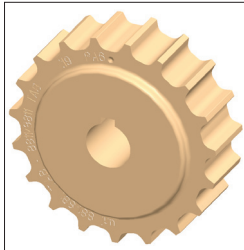
### Molded sprocket



### Cast iron sprocket



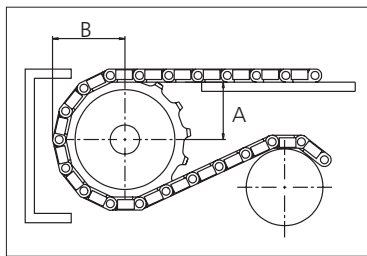
### Machined sprocket



### 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: 31.8 mm/1.25 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



Conveyor



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Modular



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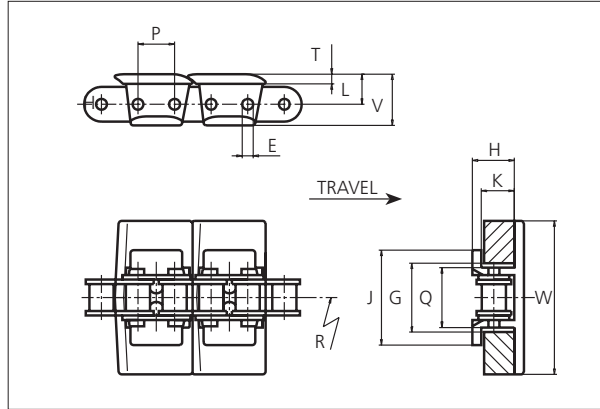
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# Snap-On Plastic Chain uni 1843



## Snap-On Plastic Chain

Side flexing chain

Pitch: 12.7 mm (0.50 in)

Backflex radius: 155.0 mm (6.10 in)

Permissible tensile strength:

uni 1843 with (SS304) stainless steel  
chain: 2000 N (450 lbf)

uni 1873 with carbon steel

chain: 1500 N (3400 lbf)

Delivery:

3.048 m (10 ft)

No. of links/box: 240

No. of flights/box: 120

| 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   |
| 3.6 | 0.14 | 22.0 | 0.87 | 13.8 | 0.54 | 31.4 | 1.24 | 10.8 | 0.43 | 9.3 | 0.37 | 12.7 | 0.50 | 19.8 | 0.78 | 3.3 | 0.13 | 17.1 | 0.67 |

All dimensions are for chains in POM material.

All Snap-On versions can be delivered either with a stainless steel chain (SS304) or a carbon steel chain.

|      | Width (W) |      | Flight material & color | Chain material        | Weight |       | Min. radius R |       |
|------|-----------|------|-------------------------|-----------------------|--------|-------|---------------|-------|
|      | mm        | in   |                         |                       | kg/m   | lb/ft | mm            | in    |
| K125 | 31.5      | 1.25 | POM-LFI BR              | SS304 or Carbon steel | 0.8    | 0.54  | 254.0         | 10.00 |
| K150 | 37.9      | 1.50 | -                       | -                     | -      | -     | -             | -     |
| K200 | 50.6      | 2.00 | POM-LFI BR              | SS304 or Carbon steel | 0.9    | 0.60  | 254.0         | 10.00 |
| K325 | 82.6      | 3.25 | POM-LFI BR              | SS304 or Carbon steel | 1.0    | 0.67  | 254.0         | 10.00 |

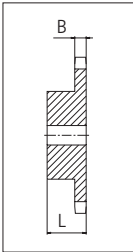
Non standard material and color: See uni Material and Color Overview.

STANDARD

SNAP-ON PLASTIC CHAIN

Sprocket

| No of teeth | Pitch diameter |      | Hub diameter |      | Overall width L |      | Tooth width B |      | Bore |      | Machined SS304 |
|-------------|----------------|------|--------------|------|-----------------|------|---------------|------|------|------|----------------|
|             | mm             | in   | mm           | in   | mm              | in   | mm            | in   | mm   | in   |                |
| Z18         | 73.1           | 2.88 | 56.0         | 2.20 | 28.0            | 1.10 | 7.2           | 0.28 | 12.0 | 0.47 | x              |
| Z25         | 101.3          | 3.99 | 70.0         | 2.76 | 28.0            | 1.10 | 7.2           | 0.28 | 14.0 | 0.55 | x              |



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

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

Other sprocket sizes are available upon request  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 1843/0412



Conveyor



Seamless



Modular



Timing



Transmission



Fabrication & service

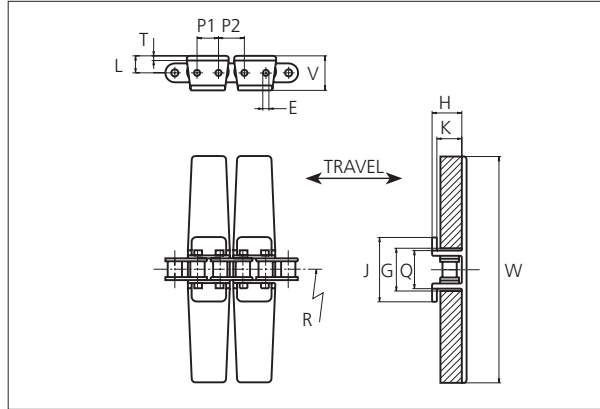
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# Snap-On Plastic Chain uni 1873



## Snap-On Plastic Chain

Side flexing chain

Pitch: 19.1 mm (0.75 in)

Backflex radius: 150.0 mm (5.90 in)

Permissible tensile strength:

uni 1873 with (SS304) stainless steel chain: 2000 N (450 lbf)

uni 1873 with carbon steel chain: 4000 N (900 lbf)

Delivery:

3.048 m (10 ft)

No. of links/box: 160

No. of flights/box: 80

| E   |      | G    |      | H    |      | J    |      | K    |      | L    |      | P1   |      | P2   |      | 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   |
| 5.1 | 0.20 | 34.9 | 1.37 | 25.0 | 0.98 | 54.5 | 2.15 | 21.0 | 0.83 | 14.3 | 0.56 | 18.1 | 0.71 | 20.1 | 0.79 | 31.8 | 1.25 | 4.0 | 0.16 | 29.0 | 1.14 |

All dimensions are for chains in POM material.

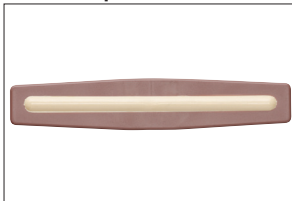
All Snap-On versions can be delivered either with a stainless steel chain (SS304) or a carbon steel chain.

|       | Width (W) |       | Flight material & color | Chain material        | Weight |       | Min. radius R |       |
|-------|-----------|-------|-------------------------|-----------------------|--------|-------|---------------|-------|
|       | mm        | in    |                         |                       | kg/m   | lb/ft | mm            | in    |
| K225  | 57.2      | 2.25  | -                       | -                     | -      | -     | -             | -     |
| K250  | 63.5      | 2.50  | -                       | -                     | -      | -     | -             | -     |
| K325  | 82.6      | 3.25  | POM-LFI <b>BR</b>       | SS304 or Carbon steel | 2.1    | 1.41  | 356.0         | 14.02 |
| K450  | 114.3     | 4.50  | POM-DI <b>G</b>         | SS304 or Carbon steel | 2.3    | 1.55  | 356.0         | 14.02 |
| K600  | 152.4     | 6.00  | -                       | -                     | -      | -     | -             | -     |
| K750  | 190.5     | 7.50  | -                       | -                     | -      | -     | -             | -     |
| K1000 | 254.0     | 10.00 | -                       | -                     | -      | -     | -             | -     |
| K1200 | 304.8     | 12.00 | POM-LFI <b>BR</b>       | SS304 or Carbon steel | 3.0    | 2.02  | 457.0         | 17.99 |

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

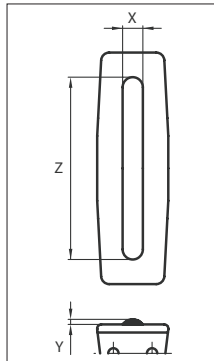
## Accessories

### Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:  
See uni Rubber Profile Overview

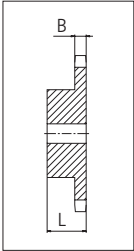


| Width | Link material     | Rubber material | Z     |       | X    |      | Y   |      |
|-------|-------------------|-----------------|-------|-------|------|------|-----|------|
|       |                   |                 | mm    | in    | mm   | in   | mm  | in   |
| K325  | POM-LFI <b>BR</b> | 05 <b>I</b>     | 60.0  | 2.36  | 10.0 | 0.39 | 2.5 | 0.10 |
| K1200 | POM-LFI <b>BR</b> | 05 <b>I</b>     | 295.0 | 11.61 | 8.0  | 0.31 | 2.5 | 0.10 |

Sprocket

| No of teeth | Pitch diameter |      | Hub diameter |      | Overall width L |      | Tooth width B |      | Bore |      | Machined SS304 |
|-------------|----------------|------|--------------|------|-----------------|------|---------------|------|------|------|----------------|
|             | mm             | in   | mm           | in   | mm              | in   | mm            | in   | mm   | in   |                |
| Z19         | 115.7          | 4.56 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| Z20         | 121.8          | 4.79 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| Z25         | 152.0          | 5.98 | 90.0         | 3.54 | 40.0            | 1.57 | 11.7          | 0.46 | 20.0 | 0.79 | x              |

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  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 1873/0412



Conveyor



Seamless



Modular



Timing



Transmission



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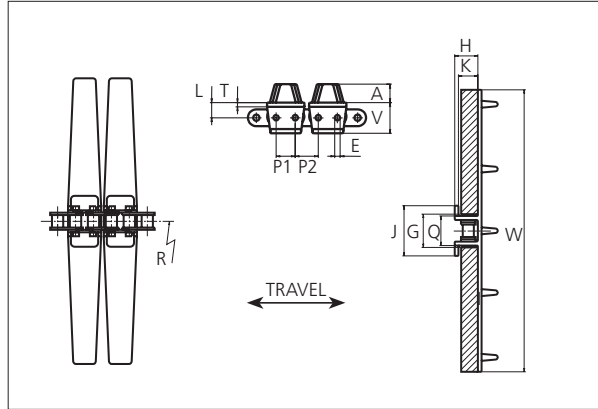
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# Snap-On Plastic Chain

## uni 1873 SE



### Snap-On Plastic Chain

Side flexing chain

Pitch: 19.1 mm (0.75 in)

Backflex radius: 150.0 mm (5.90 in)

Permissible tensile strength:

uni 1873 SE with (SS304) stainless

steel chain: 1500 N (340 lbf)

uni 1873 SE with carbon steel

chain: 2000 N (450 lbf)

Delivery:

3.048 m (10 ft)

No. of links/box: 160

No. of flights/box: 80

NON STANDARD

SNAP-ON PLASTIC CHAIN

| A    |      | E    |      | G    |      | H    |      | J    |      | K    |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   |
| 14.4 | 2.14 | 5.1  | 0.20 | 34.9 | 1.37 | 25.0 | 0.98 | 54.4 | 2.14 | 21.0 | 0.83 |
| L    |      | P1   |      | P2   |      | Q    |      | T    |      | V    |      |
| mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   |
| 14.3 | 0.56 | 18.1 | 0.71 | 20.1 | 0.79 | 31.8 | 1.25 | 4.0  | 0.16 | 29.0 | 1.14 |

All dimensions are for chains in POM material.

All Snap-On versions can be delivered either with a stainless steel chain (SS304) or a carbon steel chain.

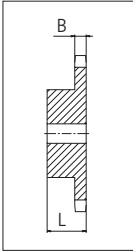
| Width (W) |       |       | Recommended flight material & color | Recommended chain material | Weight |       | Min. radius R |       |
|-----------|-------|-------|-------------------------------------|----------------------------|--------|-------|---------------|-------|
|           | mm    | in    |                                     |                            | kg/m   | lb/ft | mm            | in    |
| K1200     | 304.8 | 12.00 | POM-DI <b>W</b>                     | Carbon steel               | 3.5    | 2.35  | 457.0         | 17.99 |
| K1200     | 304.8 | 12.00 | POM-DI <b>G</b>                     | SS304 or Carbon steel      | 3.5    | 2.35  | 457.0         | 17.99 |

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

Sprocket

| No of teeth | Pitch diameter |      | Hub diameter |      | Overall width L |      | Tooth width B |      | Bore |      | Machined SS304 |
|-------------|----------------|------|--------------|------|-----------------|------|---------------|------|------|------|----------------|
|             | mm             | in   | mm           | in   | mm              | in   | mm            | in   | mm   | in   |                |
| Z19         | 115.7          | 4.56 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| Z20         | 121.8          | 4.79 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| Z25         | 152.0          | 5.98 | 90.0         | 3.54 | 40.0            | 1.57 | 11.7          | 0.46 | 20.0 | 0.79 | x              |

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  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 1873 SE/0412



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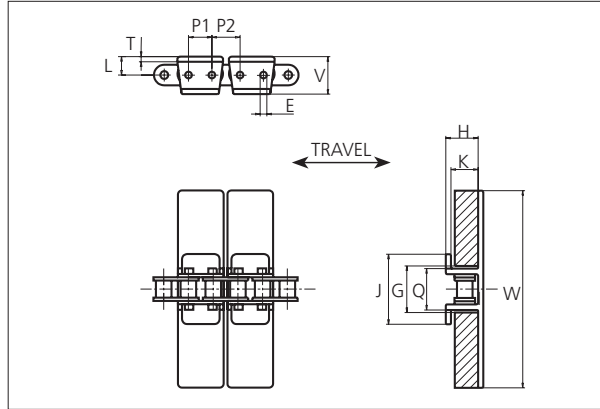
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# Snap-On Plastic Chain

## uni 1873 ST



### Snap-On Plastic Chain

Straight running chain  
Pitch: 19.1 mm (0.75 in)  
Backflex radius: 150.0 mm (5.90 in)  
Permissible tensile strength:  
uni 1873 ST with (SS304) stainless  
steel chain: 1500 N (340 lbf)  
uni 1873 ST with carbon steel  
chain: 2000 N (450 lbf)

Delivery:  
3.048 m (10 ft)  
No. of links/box: 160  
No. of flights/box: 80

NON STANDARD

| E   |      | G    |      | H    |      | J    |      | L    |      | P1   |      | P2   |      | Q    |      | T   |      | V    |      |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   |
| 5.1 | 0.20 | 34.9 | 1.37 | 25.0 | 0.98 | 54.4 | 2.14 | 14.3 | 0.56 | 18.1 | 0.71 | 20.1 | 0.79 | 31.8 | 1.25 | 4.0 | 0.16 | 29.0 | 1.14 |

All dimensions are for chains in POM material.

All Snap-On versions can be delivered either with a stainless steel chain (SS304) or a carbon steel chain.

|      | Width (W) |      | Recommended flight material & color | Recommended chain material | Weight |       |
|------|-----------|------|-------------------------------------|----------------------------|--------|-------|
|      | mm        | in   |                                     |                            | kg/m   | lb/ft |
| K325 | 82.6      | 3.25 | POM-D <b>G</b> POM-LFI <b>BR</b>    | SS304 or Carbon steel      | -      | -     |
| K450 | 114.3     | 4.50 | POM-D <b>G</b> POM-LFI <b>BR</b>    | SS304 or Carbon steel      | -      | -     |
| K600 | 152.4     | 6.00 | POM-D <b>G</b> POM-LFI <b>BR</b>    | SS304 or Carbon steel      | -      | -     |

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

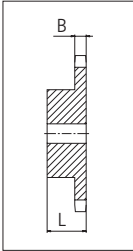
SNAP-ON PLASTIC CHAIN



Sprocket

| No of teeth | Pitch diameter |      | Hub diameter |      | Overall width L |      | Tooth width B |      | Bore |      | Machined SS304 |
|-------------|----------------|------|--------------|------|-----------------|------|---------------|------|------|------|----------------|
|             | mm             | in   | mm           | in   | mm              | in   | mm            | in   | mm   | in   |                |
| Z19         | 115.7          | 4.56 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| Z20         | 121.8          | 4.79 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| Z25         | 152.0          | 5.98 | 90.0         | 3.54 | 40.0            | 1.57 | 11.7          | 0.46 | 20.0 | 0.79 | x              |

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  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 1873 ST/0412



Conveyor



Seamless



Modular



Timing



Transmission



Fabrication & service

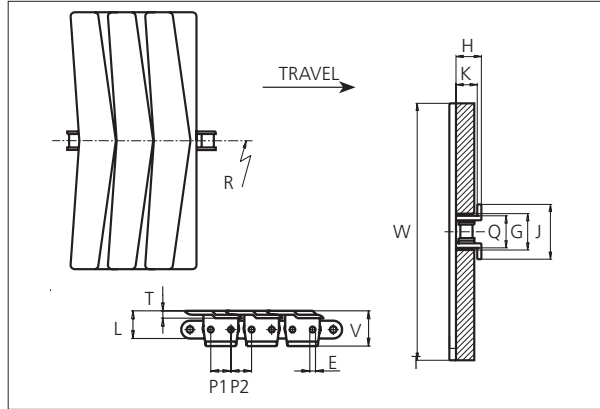
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# Snap-On Plastic Chain uni 3873



## Snap-On Plastic Chain

Side flexing chain

Pitch: 19.1 mm (0.75 in)

Backflex radius: 150.0 mm (5.90 in)

Permissible tensile strength:

uni 3873 with (SS304) stainless steel

chain: 1500 N (340 lbf)

uni 3873 with carbon steel

chain: 2000 N (450 lbf)

Delivery:

3.048 m (10 ft)

No. of links/box: 160

No. of flights/box: 80

| E   |      | G    |      | H    |      | J    |      | K    |      | L    |      | P1   |      | P2   |      | 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   |
| 5.1 | 0.20 | 34.9 | 1.37 | 24.9 | 0.98 | 54.2 | 2.13 | 21.0 | 0.83 | 16.6 | 0.65 | 18.1 | 0.71 | 20.1 | 0.79 | 31.8 | 1.25 | 6.6 | 0.26 | 29.0 | 1.14 |

All dimensions are for chains in POM material.

All Snap-On versions can be delivered either with a stainless steel chain (SS304) or a carbon steel chain.

| Width (W) |       |       | Flight material & color |                   | Chain material        |  | Weight |       | Min. radius R |       |
|-----------|-------|-------|-------------------------|-------------------|-----------------------|--|--------|-------|---------------|-------|
|           | mm    | in    |                         |                   |                       |  | kg/m   | lb/ft | mm            | in    |
| K1000     | 254.0 | 10.00 | POM-D <b>G</b>          | POM-LFI <b>BR</b> | SS304 or Carbon steel |  | 3.5    | 2.35  | 356.0         | 14.02 |

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

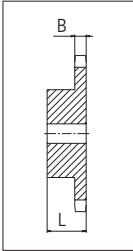
STANDARD

SNAP-ON PLASTIC CHAIN

Sprocket

| No of teeth | Pitch diameter |      | Hub diameter |      | Overall width L |      | Tooth width B |      | Bore |      | Machined SS304 |
|-------------|----------------|------|--------------|------|-----------------|------|---------------|------|------|------|----------------|
|             | mm             | in   | mm           | in   | mm              | in   | mm            | in   | mm   | in   |                |
| Z19         | 115.7          | 4.56 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| Z20         | 121.8          | 4.79 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| Z25         | 152.0          | 5.98 | 90.0         | 3.54 | 40.0            | 1.57 | 11.7          | 0.46 | 20.0 | 0.79 | x              |

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  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 3873/0412



Conveyor



Seamless



Modular



Timing



Transmission



Fabrication & service

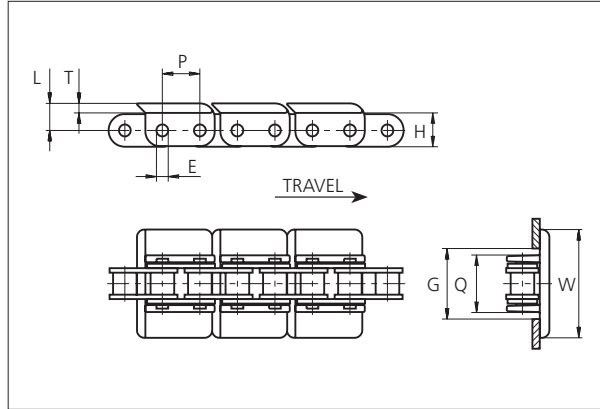
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# Snap-On Plastic Chain uni 843



## Snap-On Plastic Chain

Straight running chain  
Pitch: 12.7 mm (0.50 in)  
Backflex radius: 100.0 mm (3.90 in)  
Permissible tensile strength:  
uni 843 with (SS304) stainless steel chain:  
1500 N (340 lbf)  
uni 843 with carbon steel chain:  
2000 N (450 lbf)

Delivery:  
6.096 m (20 ft)  
No. of links/box: 480  
No. of flights/box: 240

\* uni 843-K325  
3.048 m (10 ft)  
No. of links/box: 240  
No. of flights/box: 120

NON STANDARD

SNAP-ON PLASTIC CHAIN

| E   |      | G    |      | H    |      | L   |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|-----|------|------|------|------|------|-----|------|
| mm  | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   | mm   | in   | mm  | in   |
| 4.0 | 0.16 | 20.5 | 0.81 | 11.5 | 0.45 | 9.1 | 0.36 | 12.7 | 0.50 | 19.1 | 0.75 | 3.2 | 0.13 |

All dimensions are for chains in POM material.

All Snap-On versions can be delivered either with a stainless steel chain (SS304) or a carbon steel chain.

|      | Width (W) |      | Recommended flight material & color | Recommended chain material | Weight |       |
|------|-----------|------|-------------------------------------|----------------------------|--------|-------|
|      | mm        | in   |                                     |                            | kg/m   | lb/ft |
| K100 | 25.4      | 1.00 | POM-D <b>G</b> POM-LF <b>BR</b>     | SS304 or Carbon steel      | 0.8    | 0.54  |
| K138 | 34.9      | 1.37 | POM-D <b>G</b> POM-LF <b>BR</b>     | SS304 or Carbon steel      | 0.8    | 0.54  |
| K144 | 36.4      | 1.43 | POM-D <b>G</b> POM-LF <b>BR</b>     | SS304 or Carbon steel      | 0.8    | 0.54  |
| K175 | 44.4      | 1.75 | POM-D <b>G</b> POM-LF <b>BR</b>     | SS304 or Carbon steel      | 0.8    | 0.54  |
| K200 | 50.8      | 2.00 | POM-D <b>G</b> POM-LF <b>BR</b>     | SS304 or Carbon steel      | 0.9    | 0.60  |
| K250 | 63.5      | 2.50 | POM-D <b>G</b> POM-LF <b>BR</b>     | SS304 or Carbon steel      | 0.9    | 0.60  |
| K325 | 82.6      | 3.25 | POM-D <b>G</b> POM-LF <b>BR</b>     | SS304 or Carbon steel      | 1.0    | 0.67  |

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

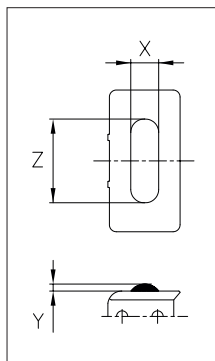
## Accessories

### Rubber Top



When ordering, please state the required distance between the Rubber Top.

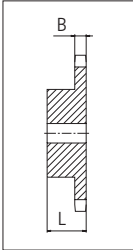
Other Non Standard rubber profiles:  
See uni Rubber Profile Overview



| Width | Link material    | Rubber material | Z    |      | X    |      | Y   |      |
|-------|------------------|-----------------|------|------|------|------|-----|------|
|       |                  |                 | mm   | in   | mm   | in   | mm  | in   |
| K100  | POM-LF <b>BR</b> | 05 <b>I</b>     | 12.0 | 0.47 | 10.0 | 0.39 | 2.5 | 0.10 |
| K138  | POM-LI <b>BR</b> | 05 <b>I</b>     | 25.0 | 0.98 | 10.0 | 0.39 | 2.5 | 0.10 |
| K144  | POM-LF <b>BR</b> | 05 <b>I</b>     | 30.0 | 1.18 | 10.0 | 0.39 | 2.5 | 0.10 |
| K175  | POM-LF <b>BR</b> | 05 <b>I</b>     | 30.0 | 1.18 | 10.0 | 0.39 | 2.5 | 0.10 |
| K200  | POM-LF <b>BR</b> | 05 <b>I</b>     | 30.0 | 1.18 | 10.0 | 0.39 | 2.5 | 0.10 |
| K250  | POM-LF <b>BR</b> | 05 <b>I</b>     | 30.0 | 1.18 | 10.0 | 0.39 | 2.5 | 0.10 |
| K325  | POM-LF <b>BR</b> | 05 <b>I</b>     | 30.0 | 1.18 | 10.0 | 0.39 | 2.5 | 0.10 |

Sprocket

| No of teeth | Pitch diameter |      | Hub diameter |      | Overall width L |      | Tooth width B |      | tBore |      | Machined SS304 |
|-------------|----------------|------|--------------|------|-----------------|------|---------------|------|-------|------|----------------|
|             | mm             | in   | mm           | in   | mm              | in   | mm            | in   | mm    | in   |                |
| Z18         | 73.1           | 2.88 | 56.0         | 2.20 | 28.0            | 1.10 | 7.2           | 0.28 | 12.0  | 0.47 | x              |
| Z25         | 101.3          | 3.99 | 70.0         | 2.76 | 28.0            | 1.10 | 7.2           | 0.28 | 14.0  | 0.55 | x              |



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

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

Other sprocket sizes are available upon request  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 843/0412



Conveyor



Seamless



Modular



Timing



Transmission



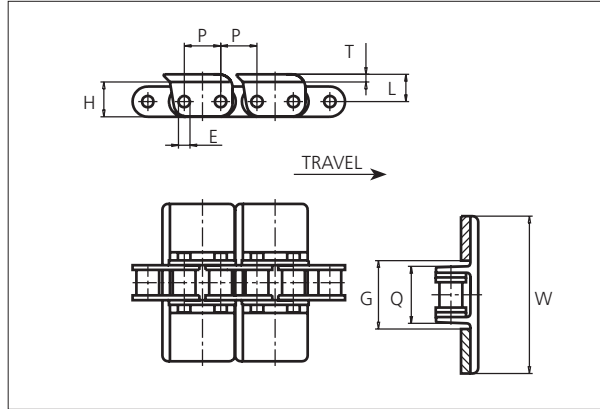
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# Snap-On Plastic Chain uni 863



## Snap-On Plastic Chain

Straight running chain  
Pitch: 19.1 mm (0.75 in)  
Backflex radius: 150.0 mm (5.90 in)  
Permissible tensile strength:  
uni 863 with (SS304) stainless steel chain:  
1500 N (340 lbf)  
uni 863 with carbon steel chain:  
2000 N (450 lbf)

Delivery:  
3.048 m (10 ft)  
No. of links/box: 160  
No. of flights/box: 80

STANDARD

| E   |      | G    |      | H    |      | L    |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|------|------|------|------|-----|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   |
| 6.0 | 0.24 | 36.5 | 1.44 | 18.6 | 0.73 | 14.3 | 0.56 | 19.1 | 0.75 | 30.5 | 1.20 | 4.0 | 0.16 |

All dimensions are for chains in POM material.

All Snap-On versions can be delivered either with a stainless steel chain (SS304) or a carbon steel chain.

| Width (W) |       |      | Flight material & color | Chain material        | Weight |       |
|-----------|-------|------|-------------------------|-----------------------|--------|-------|
|           | mm    | in   |                         |                       | kg/m   | lb/ft |
| K175      | 44.5  | 1.75 | -                       | -                     | -      | -     |
| K250      | 63.5  | 2.50 | -                       | -                     | -      | -     |
| K325      | 82.6  | 3.25 | POM-DI <b>G</b>         | SS304 or Carbon steel | 2.1    | 1.41  |
| K450      | 114.3 | 4.50 | POM-LFI <b>BR</b>       | SS304 or Carbon steel | 2.3    | 1.55  |
| K600      | 152.4 | 6.00 | -                       | -                     | -      | -     |
| K750      | 190.5 | 7.50 | -                       | -                     | -      | -     |

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

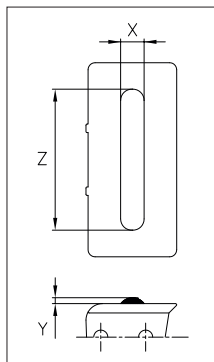
## Accessories

### Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:  
See uni Rubber Profile Overview

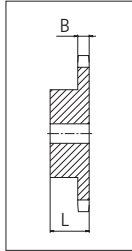


| Width | Link material     | Rubber material | Z     |      | X    |      | Y   |      |
|-------|-------------------|-----------------|-------|------|------|------|-----|------|
|       |                   |                 | mm    | in   | mm   | in   | mm  | in   |
| K325  | POM-DI <b>G</b>   | 05 <b>I</b>     | 60.0  | 2.36 | 10.0 | 0.39 | 2.5 | 0.10 |
| K450  | POM-LFI <b>BR</b> | 05 <b>I</b>     | 105.0 | 4.13 | 10.0 | 0.39 | 2.5 | 0.10 |

SNAP-ON PLASTIC CHAIN

## Sprocket

| No of teeth | Pitch diameter |      | Hub diameter |      | Overall width L |      | Tooth width B |      | Bore |      | Machined SS304 |
|-------------|----------------|------|--------------|------|-----------------|------|---------------|------|------|------|----------------|
|             | mm             | in   | mm           | in   | mm              | in   | mm            | in   | mm   | in   |                |
| <b>Z19</b>  | 115.7          | 4.56 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| <b>Z20</b>  | 121.8          | 4.79 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| <b>Z25</b>  | 152.0          | 5.98 | 90.0         | 3.54 | 40.0            | 1.57 | 11.7          | 0.46 | 20.0 | 0.79 | x              |



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

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

Other sprocket sizes are available upon request  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 863/0412



Conveyor



Seamless



Modular



Timing



Transmission



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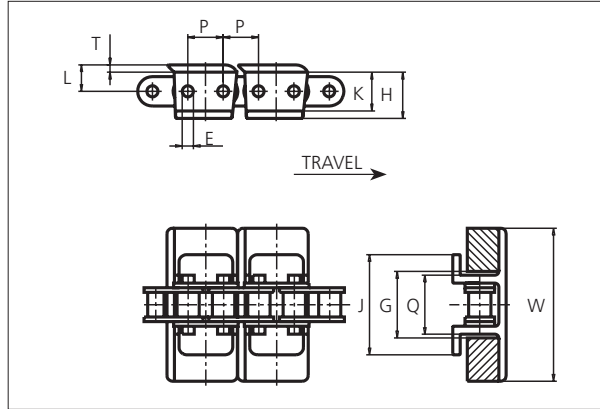
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# Snap-On Plastic Chain

## uni 863 TAB



### Snap-On Plastic Chain

Straight running chain  
Pitch: 19.1 mm (0.75 in)  
Backflex radius: 150.0 mm (5.90 in)  
Permissible tensile strength:  
uni 863 TAB with (SS304) stainless  
steel chain: 1500 N (340 lbf)  
uni 863 TAB with carbon steel  
chain: 2000 N (450 lbf)

Delivery:  
3.048 m (10 ft)  
No. of links/box: 160  
No. of flights/box: 80

STANDARD

| E   |      | G    |      | H    |      | K    |      | L    |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   |
| 6.0 | 0.24 | 34.9 | 1.37 | 25.1 | 0.99 | 20.9 | 0.82 | 14.3 | 0.56 | 19.1 | 0.75 | 31.9 | 1.25 | 4.0 | 0.16 |

All dimensions are for chains in POM material.

All Snap-On versions can be delivered either with a stainless steel chain (SS304) or a carbon steel chain.

|       | Width (W) |      | Flight material & color | Chain material | Weight |       |
|-------|-----------|------|-------------------------|----------------|--------|-------|
|       | mm        | in   |                         |                | kg/m   | lb/ft |
| K250  | 63.5      | 2.50 | -                       | -              | -      | -     |
| K325  | 82.6      | 3.25 | POM-DI <b>G</b>         | SS304 SS430    | 2.2    | 1.48  |
| K450  | 114.3     | 4.50 | -                       | -              | -      | -     |
| K500  | 127.0     | 5.0  | -                       | -              | -      | -     |
| K1000 | 2.54      | 10.0 | POM-LFI <b>BR</b>       | SS304 SS430    | 3.2    | 2.15  |

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

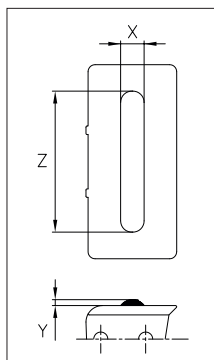
### Accessories

#### Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:  
See uni Rubber Profile Overview



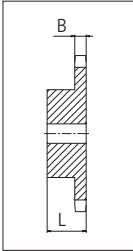
| Width | Link material   | Rubber material | Z    |      | X    |      | Y   |      |
|-------|-----------------|-----------------|------|------|------|------|-----|------|
|       |                 |                 | mm   | in   | mm   | in   | mm  | in   |
| K325  | POM-DI <b>G</b> | 05 <b>I</b>     | 60.0 | 2.36 | 10.0 | 0.39 | 2.5 | 0.10 |

SNAP-ON PLASTIC CHAIN

Sprocket

| No of teeth | Pitch diameter |      | Hub diameter |      | Overall width L |      | Tooth width B |      | Bore |      | Machined SS304 |
|-------------|----------------|------|--------------|------|-----------------|------|---------------|------|------|------|----------------|
|             | mm             | in   | mm           | in   | mm              | in   | mm            | in   | mm   | in   |                |
| Z19         | 115.7          | 4.56 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| Z20         | 121.8          | 4.79 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| Z25         | 152.0          | 5.98 | 90.0         | 3.54 | 40.0            | 1.57 | 11.7          | 0.46 | 20.0 | 0.79 | x              |

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  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 863 TAB/0412



Conveyor



Seamless



Modular



Timing



Transmission



Fabrication & service

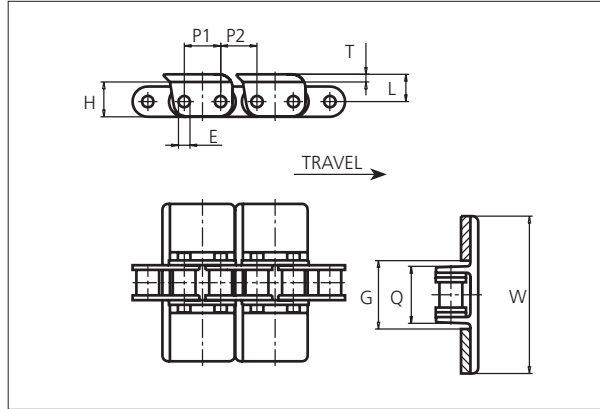
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# Snap-On Plastic Chain uni 963



## Snap-On Plastic Chain

Straight running chain  
Pitch: 19.1 mm (0.75 in)  
Backflex radius: 150.0 mm (5.90 in)  
Permissible tensile strength:  
uni 963 with (SS304) stainless steel  
chain: 1500 N (340 lbf)  
uni 963 with carbon steel  
chain: 2000 N (450 lbf)

Delivery:  
3.048 m (10 ft)  
No. of links/box: 160  
No. of flights/box: 80

STANDARD

SNAP-ON PLASTIC CHAIN

| E   |      | G    |      | H    |      | L    |      | P1   |      | P2   |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   |
| 5.1 | 0.20 | 36.5 | 1.44 | 18.6 | 0.73 | 14.3 | 0.56 | 18.1 | 0.71 | 20.1 | 0.79 | 30.5 | 1.20 | 4.0 | 0.16 |

All dimensions are for chains in POM material.

All Snap-On versions can be delivered either with a stainless steel chain (SS304) or a carbon steel chain.

| Width (W) |       |      | Flight material & color | Chain material               | Weight |       |
|-----------|-------|------|-------------------------|------------------------------|--------|-------|
|           | mm    | in   |                         |                              | kg/m   | lb/ft |
| K325      | 82.6  | 3.25 | POM-LFI <b>BR</b>       | SS304 or <b>Carbon steel</b> | 2.1    | 1.41  |
| K450      | 114.3 | 4.50 | -                       | -                            | -      | -     |
| K600      | 152.4 | 6.00 | -                       | -                            | -      | -     |
| K750      | 190.5 | 7.50 | -                       | -                            | -      | -     |

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

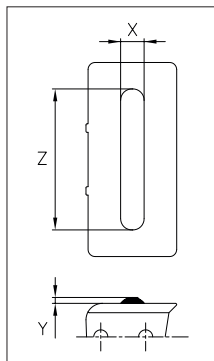
## Accessories

### Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:  
See uni Rubber Profile Overview

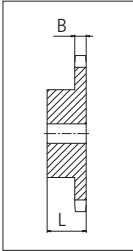


| Width | Link material     | Rubber material | Z    |      | X    |      | Y   |      |
|-------|-------------------|-----------------|------|------|------|------|-----|------|
|       |                   |                 | mm   | in   | mm   | in   | mm  | in   |
| K325  | POM-LFI <b>BR</b> | 05 <b>I</b>     | 60.0 | 2.36 | 10.0 | 0.39 | 2.5 | 0.10 |

Sprocket

| No of teeth | Pitch diameter |      | Hub diameter |      | Overall width L |      | Tooth width B |      | Bore |      | Machined SS304 |
|-------------|----------------|------|--------------|------|-----------------|------|---------------|------|------|------|----------------|
|             | mm             | in   | mm           | in   | mm              | in   | mm            | in   | mm   | in   |                |
| Z19         | 115.7          | 4.56 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| Z20         | 121.8          | 4.79 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| Z25         | 152.0          | 5.98 | 90.0         | 3.54 | 40.0            | 1.57 | 11.7          | 0.46 | 20.0 | 0.79 | x              |

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  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 963/0412



Conveyor



Seamless



Modular



Timing



Transmission



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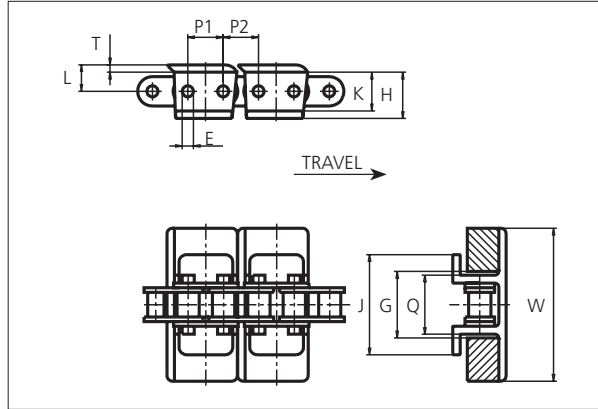
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# Snap-On Plastic Chain

## uni 963 TAB



### Snap-On Plastic Chain

Straight running chain

Pitch: 19.1 mm (0.75 in)

Backflex radius: 150.0 mm (5.90 in)

Permissible tensile strength:

uni 963 TAB with (SS304) stainless

steel chain: 1500 N (340 lbf)

uni 963 TAB with carbon steel

chain: 2000 N (450 lbf)

Delivery:

3.048 m (10 ft)

No. of links/box: 160

No. of flights/box: 80

| E   |      | G    |      | H    |      | J    |      | K    |      | L    |      | P1   |      | P2   |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   |
| 5.1 | 0.20 | 34.9 | 1.37 | 25.1 | 0.99 | 50.8 | 2.00 | 20.9 | 0.82 | 14.3 | 0.56 | 18.1 | 0.71 | 20.1 | 0.79 | 31.9 | 1.25 | 4.0 | 0.16 |

All dimensions are for chains in POM material.

All Snap-On versions can be delivered either with a stainless steel chain (SS304) or a carbon steel chain.

|       | Width (W) |      | Recommended flight material & color | Recommended chain material | Weight |       |
|-------|-----------|------|-------------------------------------|----------------------------|--------|-------|
|       | mm        | in   |                                     |                            | kg/m   | lb/ft |
| K250  | 63.5      | 2.50 | POM-D <b>G</b> POM-LFI <b>BR</b>    | SS304 or Carbon steel      | 2.1    | 1.41  |
| K325  | 82.6      | 3.25 | POM-D <b>G</b> POM-LFI <b>BR</b>    | SS304 or Carbon steel      | 2.2    | 1.48  |
| K450  | 114.3     | 4.50 | POM-D <b>G</b> POM-LFI <b>BR</b>    | SS304 or Carbon steel      | 2.4    | 1.61  |
| K500  | 127.0     | 5.0  | POM-D <b>G</b> POM-LFI <b>BR</b>    | SS304 or Carbon steel      | 2.4    | 1.61  |
| K1000 | 2.54      | 10.0 | POM-D <b>G</b> POM-LFI <b>BR</b>    | SS304 or Carbon steel      | 3.2    | 2.15  |

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

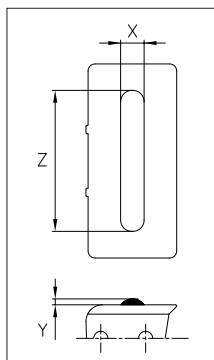
### Accessories

#### Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:  
See uni Rubber Profile Overview

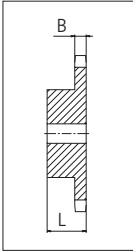


| Width | Link material     | Rubber material | Z     |      | X    |      | Y   |      |
|-------|-------------------|-----------------|-------|------|------|------|-----|------|
|       |                   |                 | mm    | in   | mm   | in   | mm  | in   |
| K325  | POM-LFI <b>BR</b> | 05 <b>I</b>     | 60.0  | 2.36 | 10.0 | 0.39 | 2.5 | 0.10 |
| K450  | POM-LFI <b>BR</b> | 05 <b>I</b>     | 105.0 | 4.13 | 10.0 | 0.39 | 2.5 | 0.10 |
| K600  | POM-LFI <b>BR</b> | 05 <b>I</b>     | 130.0 | 5.12 | 10.0 | 0.39 | 2.5 | 0.10 |
| K750  | POM-LFI <b>BR</b> | 05 <b>I</b>     | 170.0 | 6.69 | 10.0 | 0.39 | 2.5 | 0.10 |

Sprocket

| No of teeth | Pitch diameter |      | Hub diameter |      | Overall width L |      | Tooth width B |      | Bore |      | Machined SS304 |
|-------------|----------------|------|--------------|------|-----------------|------|---------------|------|------|------|----------------|
|             | mm             | in   | mm           | in   | mm              | in   | mm            | in   | mm   | in   |                |
| Z19         | 115.7          | 4.56 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| Z20         | 121.8          | 4.79 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| Z25         | 152.0          | 5.98 | 90.0         | 3.54 | 40.0            | 1.57 | 11.7          | 0.46 | 20.0 | 0.79 | x              |

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  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 963 TAB/0412



Conveyor



Seamless



Modular



Timing



Transmission



Fabrication & service

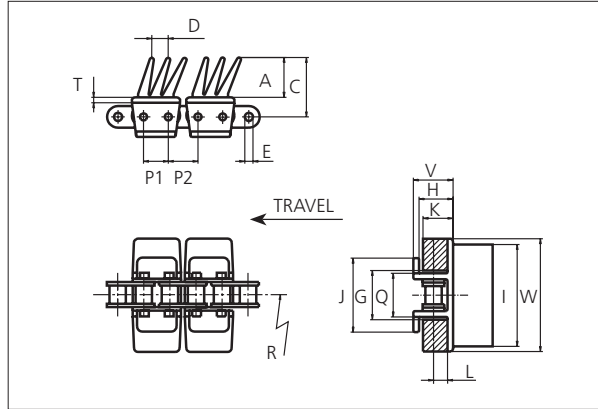
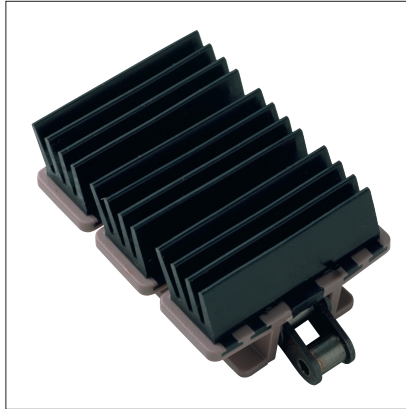
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# Snap-On Plastic Chain uni GRIP 1873-G3



## Snap-On Plastic Chain

Side flexing chain

Pitch: 19.1 mm (0.75 in)

Backflex radius: 150.0 mm (5.90 in)

Permissible tensile strength:

uni 1873 GRIP-G3 (SS304) stainless

steel chain: 2000 N (450 lbf)

uni 1873 GRIP-G3 carbon steel

chain: 4000 N (900 lbf)

Delivery:

3.048 m (10 ft)

No. of links/box: 160

No. of flights/box: 80

NON STANDARD

SNAP-ON PLASTIC CHAIN

| A    |      | C    |      | D    |      | E    |      | G    |      | H    |      | I    |      | J    |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   |
| 29.0 | 1.14 | 44.3 | 1.74 | 12.0 | 0.47 | 5.1  | 0.20 | 34.9 | 1.37 | 24.9 | 0.98 | 75.0 | 2.95 | 54.4 | 2.14 |
| K    |      | L    |      | P1   |      | P2   |      | Q    |      | T    |      | V    |      |      |      |
| mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   |      |      |
| 20.6 | 0.81 | 10.3 | 0.41 | 18.1 | 0.71 | 20.1 | 0.79 | 31.8 | 1.25 | 5.0  | 0.20 | 30.0 | 1.18 |      |      |

All dimensions are for chains in POM material.

All Snap-On versions can be delivered either with a stainless steel chain (SS304) or a carbon steel chain.

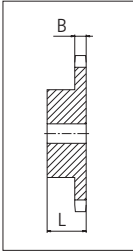
| Width (W) |      |      | Recommended flight material & color                                                                                                                                                                                                 | Recommended chain material | Weight |       | Min. radius R |    |
|-----------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------|-------|---------------|----|
|           | mm   | in   |                                                                                                                                                                                                                                     |                            | kg/m   | lb/ft | mm            | in |
| K325      | 82.6 | 3.25 | POM-D <span style="background-color: #d3d3d3;">G</span> – 01 <span style="background-color: #ffff00;">N</span><br>POM-LFI <span style="background-color: #800000;">BR</span> – 04 <span style="background-color: #000000;">K</span> | SS304 or Carbon steel      | -      | -     | -             | -  |

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

Sprocket

| No of teeth | Pitch diameter |      | Hub diameter |      | Overall width L |      | Tooth width B |      | Bore |      | Machined SS304 |
|-------------|----------------|------|--------------|------|-----------------|------|---------------|------|------|------|----------------|
|             | mm             | in   | mm           | in   | mm              | in   | mm            | in   | mm   | in   |                |
| Z19         | 115.7          | 4.56 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| Z20         | 121.8          | 4.79 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| Z25         | 152.0          | 5.98 | 90.0         | 3.54 | 40.0            | 1.57 | 11.7          | 0.46 | 20.0 | 0.79 | x              |

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  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 1873 GRIP-G3/0412



Conveyor



Seamless



Modular



Timing



Transmission



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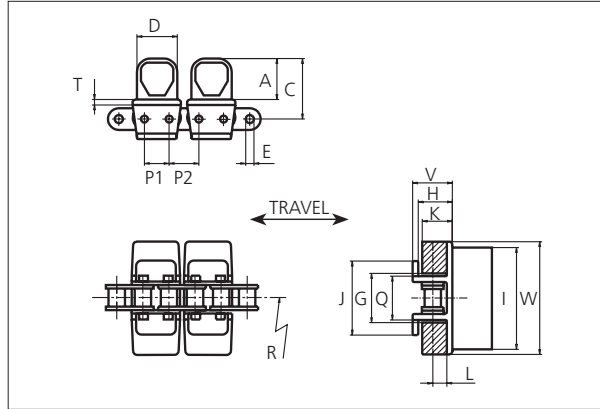
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# Snap-On Plastic Chain uni GRIP 1873-D



## Snap-On Plastic Chain

Side flexing chain

Pitch: 19.1 mm (0.75 in)

Backflex radius: 150.0 mm (5.90 in)

Permissible tensile strength:

uni 1873 GRIP-D (SS304) stainless

steel chain: 2000 N (450 lbf)

uni 1873 GRIP-D carbon steel

chain: 4000 N (900 lbf)

Delivery:

3.048 m (10 ft)

No. of links/box: 160

No. of flights/box: 80

STANDARD

SNAP-ON PLASTIC CHAIN

| A    |      | C    |      | D    |      | E    |      | G    |      | H    |      | I    |      | J    |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   |
| 30.0 | 1.18 | 45.3 | 1.78 | 29.6 | 1.17 | 5.1  | 0.20 | 34.9 | 1.37 | 24.9 | 0.98 | 78.5 | 3.09 | 54.4 | 2.14 |
| K    |      | L    |      | P1   |      | P2   |      | Q    |      | T    |      | V    |      |      |      |
| mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   |      |      |
| 20.6 | 0.81 | 10.3 | 0.41 | 18.1 | 0.71 | 20.1 | 0.79 | 31.8 | 1.25 | 5.0  | 0.20 | 30.0 | 1.18 |      |      |

All dimensions are for chains in POM material.

All Snap-On versions can be delivered either with a stainless steel chain (SS304) or a carbon steel chain.

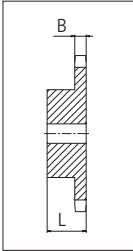
| Width (W) |      |      | Flight material & color | Chain material        | Weight |       | Min. radius R |       |
|-----------|------|------|-------------------------|-----------------------|--------|-------|---------------|-------|
|           | mm   | in   |                         |                       | kg/m   | lb/ft | mm            | in    |
| K325      | 82.6 | 3.25 | POM-LFI BR – 04 K       | SS304 or Carbon steel | 2.9    | 1.95  | 356.0         | 14.02 |

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

Sprocket

| No of teeth | Pitch diameter |      | Hub diameter |      | Overall width L |      | Tooth width B |      | Bore |      | Machined SS304 |
|-------------|----------------|------|--------------|------|-----------------|------|---------------|------|------|------|----------------|
|             | mm             | in   | mm           | in   | mm              | in   | mm            | in   | mm   | in   |                |
| Z19         | 115.7          | 4.56 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| Z20         | 121.8          | 4.79 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| Z25         | 152.0          | 5.98 | 90.0         | 3.54 | 40.0            | 1.57 | 11.7          | 0.46 | 20.0 | 0.79 | x              |

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  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 1873 GRIP-D/0412



Conveyor



Seamless



Modular



Timing



Transmission



Fabrication & service

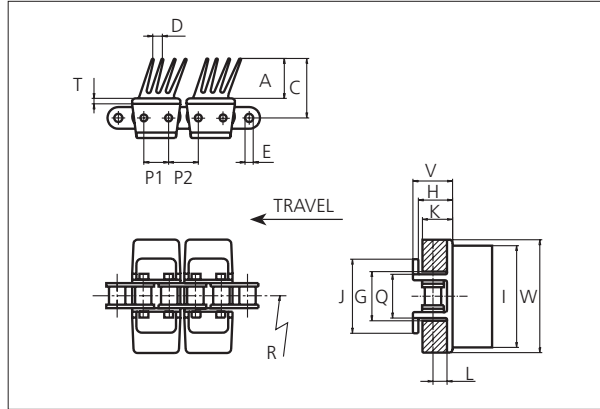
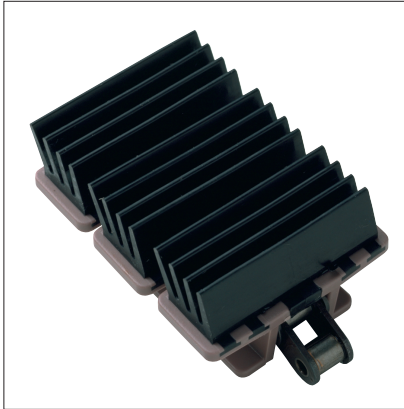
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# Snap-On Plastic Chain uni GRIP 1873-G4



## Snap-On Plastic Chain

Side flexing chain

Pitch: 19.1 mm (0.75 in)

Backflex radius: 150.0 mm (5.90 in)

Permissible tensile strength:

uni 1873 GRIP-G4 (SS304) stainless

steel chain: 2000 N (450 lbf)

uni 1873 GRIP-G4 carbon steel

chain: 4000 N (900 lbf)

Delivery:

3.048 m (10 ft)

No. of links/box: 160

No. of flights/box: 80

STANDARD

SNAP-ON PLASTIC CHAIN

| A    |      | C    |      | D    |      | E    |      | G    |      | H    |      | I (K325) |      | I (K450) |      |
|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|----------|------|
| mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm       | in   | mm       | in   |
| 29.0 | 1.14 | 44.3 | 1.74 | 9.0  | 0.35 | 5.1  | 0.20 | 34.9 | 1.37 | 25.9 | 1.02 | 75.0     | 2.95 | 106.0    | 4.17 |
| J    |      | K    |      | L    |      | P1   |      | P2   |      | Q    |      | T        |      | V        |      |
| mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm       | in   | mm       | in   |
| 54.4 | 2.14 | 20.6 | 0.81 | 10.3 | 0.41 | 18.1 | 0.71 | 20.1 | 0.79 | 31.8 | 1.25 | 5.0      | 0.20 | 30.0     | 1.18 |

All dimensions are for chains in POM material.

All Snap-On versions can be delivered either with a stainless steel chain (SS304) or a carbon steel chain.

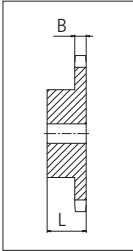
| Width (W) |       |      | Flight material & color | Chain material        | Weight |       | Min. radius R |       |
|-----------|-------|------|-------------------------|-----------------------|--------|-------|---------------|-------|
|           | mm    | in   |                         |                       | kg/m   | lb/ft | mm            | in    |
| K325      | 82.6  | 3.25 | POM-LFI BR – 04 K       | SS304 or Carbon steel | 3.0    | 2.02  | 356.0         | 14.02 |
| K450      | 114.3 | 4.50 | -                       | -                     | -      | -     | -             | -     |

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

Sprocket

| No of teeth | Pitch diameter |      | Hub diameter |      | Overall width L |      | Tooth width B |      | Bore |      | Machined SS304 |
|-------------|----------------|------|--------------|------|-----------------|------|---------------|------|------|------|----------------|
|             | mm             | in   | mm           | in   | mm              | in   | mm            | in   | mm   | in   |                |
| Z19         | 115.7          | 4.56 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| Z20         | 121.8          | 4.79 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| Z25         | 152.0          | 5.98 | 90.0         | 3.54 | 40.0            | 1.57 | 11.7          | 0.46 | 20.0 | 0.79 | x              |

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  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 1873 GRIP-G4/0412



Conveyor



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Modular



Timing



Transmission



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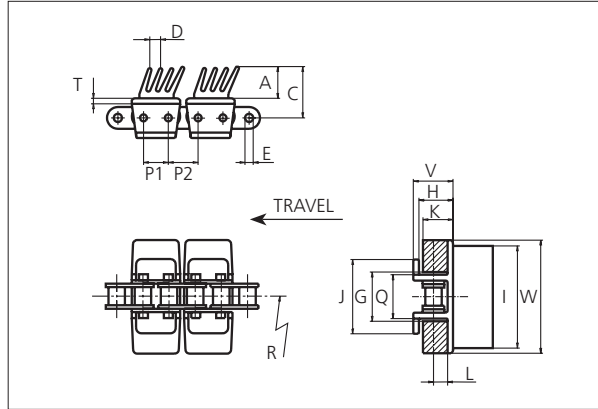
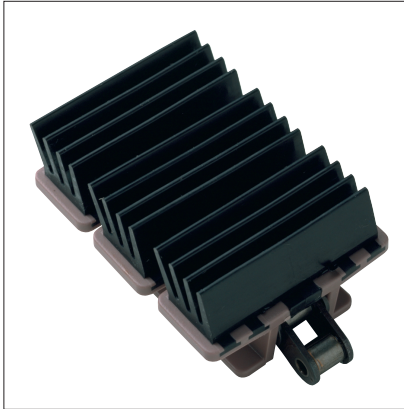
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# Snap-On Plastic Chain

## uni GRIP 1873-G4L



### Snap-On Plastic Chain

Side flexing chain

Pitch: 19.1 mm (0.75 in)

Backflex radius: 150.0 mm (5.90 in)

Permissible tensile strength:

uni 1873 GRIP-G4L (SS304) stainless

steel chain: 2000 N (450 lbf)

uni 1873 GRIP-G4L carbon steel

chain: 4000 N (900 lbf)

Delivery:

3.048 m (10 ft)

No. of links/box: 160

No. of flights/box: 80

STANDARD

SNAP-ON PLASTIC CHAIN

| A    |      | C    |      | D    |      | E    |      | G    |      | H    |      | I    |      | J    |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   |
| 21.0 | 0.83 | 36.3 | 1.43 | 12.0 | 0.47 | 5.1  | 0.20 | 34.9 | 1.37 | 24.9 | 0.98 | 75.0 | 2.95 | 54.4 | 2.14 |
| K    |      | L    |      | P1   |      | P2   |      | Q    |      | T    |      | V    |      |      |      |
| mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   |      |      |
| 20.6 | 0.81 | 10.3 | 0.41 | 18.1 | 0.71 | 20.1 | 0.79 | 31.8 | 1.25 | 5.0  | 0.20 | 30.0 | 1.18 |      |      |

All dimensions are for chains in POM material.

All Snap-On versions can be delivered either with a stainless steel chain (SS304) or a carbon steel chain.

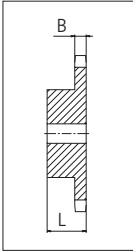
| Width (W) |      |      | Flight material & color | Chain material        | Weight |       | Min. radius R |       |
|-----------|------|------|-------------------------|-----------------------|--------|-------|---------------|-------|
|           | mm   | in   |                         |                       | kg/m   | lb/ft | mm            | in    |
| K325      | 82.6 | 3.25 | POM-LFI BR – 04 K       | SS304 or Carbon steel | 3.2    | 2.15  | 356.0         | 14.02 |

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

Sprocket

| No of teeth | Pitch diameter |      | Hub diameter |      | Overall width L |      | Tooth width B |      | Bore |      | Machined SS304 |
|-------------|----------------|------|--------------|------|-----------------|------|---------------|------|------|------|----------------|
|             | mm             | in   | mm           | in   | mm              | in   | mm            | in   | mm   | in   |                |
| Z19         | 115.7          | 4.56 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| Z20         | 121.8          | 4.79 | 80.0         | 3.15 | 35.0            | 1.38 | 11.7          | 0.46 | 16.0 | 0.63 | x              |
| Z25         | 152.0          | 5.98 | 90.0         | 3.54 | 40.0            | 1.57 | 11.7          | 0.46 | 20.0 | 0.79 | x              |

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  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 1873 GRIP-G4L/0412



Conveyor



Seamless



Modular



Timing



Transmission



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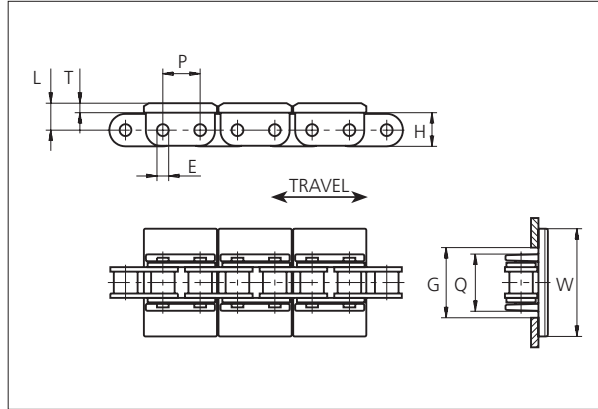
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# Snap-On Plastic Chain

## uni SK843



### Snap-On Plastic Chain

Straight running chain  
Pitch: 12.7 mm (0.50 in)  
Backflex radius:  
K138: 250.0 mm (9.80 in)  
K200: 150.0 mm (5.90 in)  
Permissible tensile strength:  
uni SK843 with (SS304) stainless  
steel chain: 1500 N (340 lbf)  
uni SK843 with carbon steel  
chain: 2000 N (450 lbf)

Delivery:  
6.096 m (20 ft)  
No. of links/box: 240  
No. of flights/box: 120

STANDARD

| E   |      | G    |      | H    |      | L   |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|-----|------|------|------|------|------|-----|------|
| mm  | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   | mm   | in   | mm  | in   |
| 4.0 | 0.16 | 20.5 | 0.81 | 11.5 | 0.45 | 9.1 | 0.36 | 12.7 | 0.50 | 19.1 | 0.75 | 3.2 | 0.13 |

All dimensions are for chains in POM material.

All Snap-On versions can be delivered either with a stainless steel chain (SS304) or a carbon steel chain.

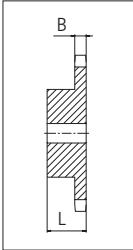
| Width (W) |      |      | Flight material & color | Chain material        | Weight |       |
|-----------|------|------|-------------------------|-----------------------|--------|-------|
|           | mm   | in   |                         |                       | kg/m   | lb/ft |
| K138      | 34.9 | 1.37 | POM-DI <b>G</b>         | SS304 or Carbon steel | 0.9    | 0.60  |
| K200      | 50.8 | 2.00 | POM-LFI <b>BR</b>       | SS304 or Carbon steel | 0.9    | 0.60  |

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

SNAP-ON PLASTIC CHAIN

Sprocket

| No of teeth | Pitch diameter |      | Hub diameter |      | Overall width L |      | Tooth width B |      | tBore |      | Machined SS304 |
|-------------|----------------|------|--------------|------|-----------------|------|---------------|------|-------|------|----------------|
|             | mm             | in   | mm           | in   | mm              | in   | mm            | in   | mm    | in   |                |
| Z18         | 73.1           | 2.88 | 56.0         | 2.20 | 28.0            | 1.10 | 7.2           | 0.28 | 12.0  | 0.47 |                |
| Z25         | 101.3          | 3.99 | 70.0         | 2.76 | 28.0            | 1.10 | 7.2           | 0.28 | 14.0  | 0.55 |                |



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

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

Other sprocket sizes are available upon request  
uni Retainer Rings: See uni Retainer Ring data sheet

uni SK843/0412



Conveyor



Seamless



Modular



Timing



Transmission



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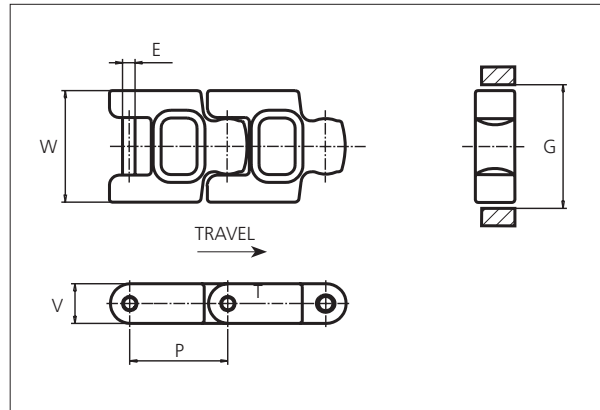
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# Special Plastic Chain

## uni 3200



### Special Plastic Chain

Straight running chain

Pitch: 50.8 mm (2.00 in)

Backflex radius: 60.0 mm (2.40 in)

Permissible tensile strength:

POM material: 3150 N (708 lbf)

Delivery: 6.1 m (20.0 ft)

No. of links/box: 120

STANDARD

| E   |      | G    |      | P    |      | V    |      |
|-----|------|------|------|------|------|------|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   |
| 6.4 | 0.25 | 59.5 | 2.34 | 50.8 | 2.00 | 20.3 | 0.80 |

All dimensions are for chains in POM material.

| Width (W) |      | Material & color | Pin material | Weight |       |
|-----------|------|------------------|--------------|--------|-------|
| mm        | in   |                  |              | kg/m   | lb/ft |
| 57.2      | 2.25 | POM-DI <b>G</b>  | <b>SS304</b> | 57.2   | 2.25  |

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

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

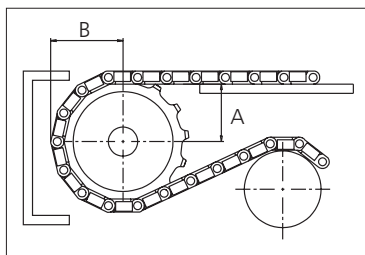
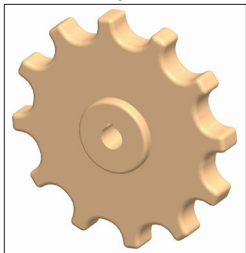
SPECIAL PLASTIC CHAIN

## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | Molded PA66 LG | Machined PA66 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|-----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |                |                 |
| <b>Z8</b>   | 132.9          | 5.23 | 134.0            | 5.30 | 19.1        | 0.80 | 40.0        | 1.60 | 65.0         | 2.60 | 51.2        | 2.00 | 79.6        | 3.10 |                | x               |
| <b>Z10</b>  | 164.5          | 6.48 | 160.0            | 6.30 | 19.1        | 0.80 | 40.0        | 1.60 | 65.0         | 2.60 | 68.0        | 2.70 | 92.4        | 3.60 |                | x               |
| <b>Z10</b>  | 164.5          | 6.48 | 160.0            | 6.30 | 40.0        | 1.60 | 70.0        | 2.80 | 120.0        | 4.70 | 68.0        | 2.70 | 92.4        | 3.60 |                | x               |
| <b>Z12</b>  | 194.4          | 7.65 | 204.0            | 8.00 | 19.1        | 0.80 | 40.0        | 1.60 | 65.0         | 2.60 | 84.7        | 3.30 | 108.4       | 4.30 |                | x               |
| <b>Z12</b>  | 194.4          | 7.65 | 204.0            | 8.00 | 40.0        | 1.60 | 70.0        | 2.80 | 120.0        | 4.70 | 84.7        | 3.30 | 108.4       | 4.30 |                | x               |
| <b>Z15</b>  | 244.4          | 9.62 | 250.0            | 9.80 | 19.1        | 0.80 | 40.0        | 1.60 | 65.0         | 2.60 | 109.4       | 4.30 | 132.4       | 5.20 |                | x               |
| <b>Z15</b>  | 244.4          | 9.62 | 250.0            | 9.80 | 40.0        | 1.60 | 70.0        | 2.80 | 120.0        | 4.70 | 109.4       | 4.30 | 132.4       | 5.20 |                | x               |

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

uni 3200/0412



Conveyor



Seamless



Modular



Timing



Transmission



Fabrication & service

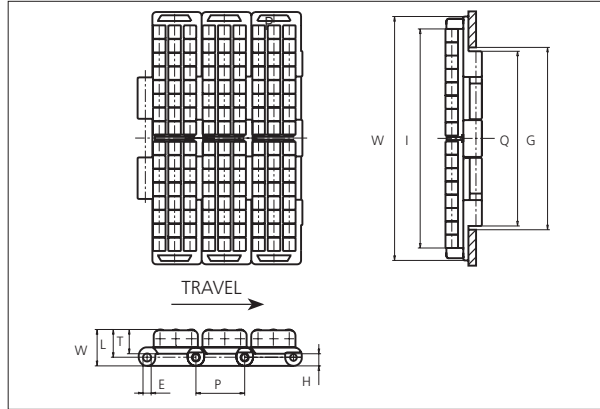
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# Special Plastic Chain uni 821-PRR



## Special Plastic Chain

Straight running chain

Pitch: 38.1 mm (1.50 in)

Backflex radius: 225.0 mm (8.90 in)

Permissible tensile strength:

POM material: 3000 N (674 lbf)

Delivery: 3.048 m (10 ft)

No. of links/box: 80

Axle materials for  $\varnothing 5.0$  mm (0.20 in)  
accumulation rollers: See  
uni Material and Color Overview.

STANDARD

| E   |      | G     |      | H   |      | I (K750) |      | I (K1000) |      | I (K1200) |       | 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   |
| 6.4 | 0.25 | 140.0 | 5.51 | 9.5 | 0.37 | 174.5    | 6.87 | 238.0     | 9.37 | 288.8     | 11.37 | 22.2 | 0.87 | 38.1 | 1.50 | 136.5 | 5.37 | 19.0 | 0.75 | 28.5 | 1.12 |

All dimensions are for chains in POM material.

| Width (W) |       |       | Base<br>material & color | Roller<br>material & color | Pin material | Weight |       |
|-----------|-------|-------|--------------------------|----------------------------|--------------|--------|-------|
|           | mm    | in    |                          |                            |              | kg/m   | lb/ft |
| K750      | 190.5 | 7.50  | POM-LF <b>BR</b>         | POM-LF <b>BR</b>           | <b>SS304</b> | 5.1    | 3.43  |
| K1000     | 254.0 | 10.00 | -                        | -                          | -            | -      | -     |
| K1200     | 304.8 | 12.00 | POM-LF <b>BR</b>         | POM-LF <b>BR</b>           | <b>SS304</b> | 8.3    | 5.58  |

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

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

SPECIAL PLASTIC CHAIN

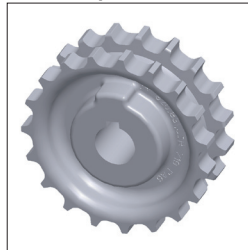
## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |     | Min. ø bore |     | Max. ø bore |     | Hub-diameter |     | A-dimension |     | B-dimension |     | LG          | Cast Iron | N             |
|-------------|----------------|------|------------------|-----|-------------|-----|-------------|-----|--------------|-----|-------------|-----|-------------|-----|-------------|-----------|---------------|
|             | mm             | in   | mm               | in  | mm          | in  | mm          | in  | mm           | in  | mm          | in  | mm          | in  | Molded PA66 | Molded    | Machined PA66 |
| Z19         | 117.3          | 4.62 | 117.0            | 4.6 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 58.70       | 2.3 | 64.50       | 2.5 | x           |           |               |
| Z21         | 129.2          | 5.09 | 130.0            | 5.1 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 65.00       | 2.6 | 70.50       | 2.8 | x           | x         |               |
| Z23         | 141.2          | 5.56 | 142.0            | 5.6 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 71.20       | 2.8 | 76.50       | 3.0 | x           | x         |               |
| Z25         | 153.2          | 6.03 | 155.0            | 6.1 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 77.40       | 3.0 | 82.50       | 3.2 | x           | x         |               |
| Z27         | 165.2          | 6.50 | 167.0            | 6.6 | 20.00       | 0.8 | 70.00       | 2.8 | 0.00         | 0.0 | 83.60       | 3.3 | 88.50       | 3.5 |             | x         | x             |
| Z29         | 177.2          | 6.98 | 179.0            | 7.0 | 20.00       | 0.8 | 70.00       | 2.8 | 0.00         | 0.0 | 89.80       | 3.5 | 94.60       | 3.7 |             | x         | x             |
| Z31         | 189.3          | 7.45 | 192.0            | 7.6 | 20.00       | 0.8 | 70.00       | 2.8 | 0.00         | 0.0 | 95.90       | 3.8 | 100.60      | 4.0 |             | x         | x             |

## Two part sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |     | Min. ø bore |     | Max. ø bore |     | Hub-diameter |     | A-dimension |     | B-dimension |     | LG          | Cast Iron | N             |
|-------------|----------------|------|------------------|-----|-------------|-----|-------------|-----|--------------|-----|-------------|-----|-------------|-----|-------------|-----------|---------------|
|             | mm             | in   | mm               | in  | mm          | in  | mm          | in  | mm           | in  | mm          | in  | mm          | in  | Molded PA66 | Molded    | Machined PA66 |
| Z19         | 117.3          | 4.62 | 117.0            | 4.6 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 58.70       | 2.3 | 64.50       | 2.5 | x           |           |               |
| Z21         | 129.2          | 5.09 | 130.0            | 5.1 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 65.00       | 2.6 | 70.50       | 2.8 | x           |           |               |
| Z23         | 141.2          | 5.56 | 142.0            | 5.6 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 71.20       | 2.8 | 76.50       | 3.0 | x           |           |               |
| Z25         | 153.2          | 6.03 | 155.0            | 6.1 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 77.40       | 3.0 | 82.50       | 3.2 | x           |           |               |

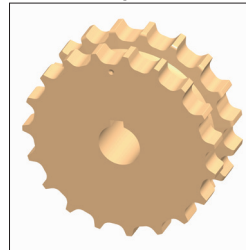
### Molded sprocket



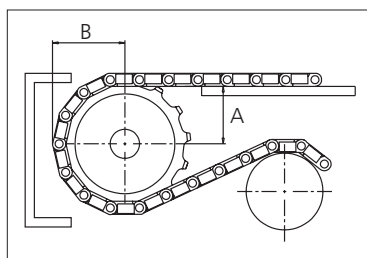
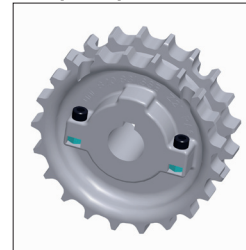
### Cast iron sprocket



### Machined sprocket



### 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: 79.4 mm/3.13 in  
 Width of sprocket: 49.4 mm/3.13 in  
 uni Retainer Rings: See uni Retainer Ring data sheet

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



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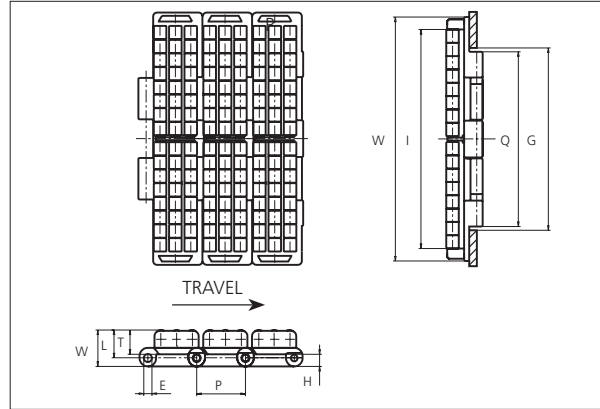
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# Special Plastic Chain

## uni 821-PRR4



### Special Plastic Chain

Straight running chain

Pitch: 38.1 mm (1.50 in)

Backflex radius: 225.0 mm (8.90 in)

Permissible tensile strength:

POM material: 3000 N (674 lbf)

Delivery: 3.048 m (10 ft)

No. of links/box: 80

Axle materials for  $\varnothing 5.0$  mm (0.20 in)

accumulation rollers: See

uni Material and Color Overview.

NON STANDARD

| E   |      | G     |      | H   |      | I (K750) |      | I (K1000) |      | I (K1200) |       | 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   |
| 6.4 | 0.25 | 140.0 | 5.51 | 9.5 | 0.37 | 174.5    | 6.87 | 238.0     | 9.37 | 288.8     | 11.37 | 22.2 | 0.87 | 38.1 | 1.50 | 136.5 | 5.37 | 19.0 | 0.75 | 28.5 | 1.12 |

All dimensions are for chains in POM material.

|              | Width (W) |       | Recommended base material & color | Recommended roller material & color | Recommended pin material | Weight |       |
|--------------|-----------|-------|-----------------------------------|-------------------------------------|--------------------------|--------|-------|
|              | mm        | in    |                                   |                                     |                          | kg/m   | lb/ft |
| <b>K750</b>  | 190.5     | 7.50  | POM-LF <b>BR</b>                  | POM-D <b>K</b>                      | <b>SS304</b>             | 6.9    | 4.64  |
| <b>K1000</b> | 254.0     | 10.00 | POM-LF <b>BR</b>                  | POM-D <b>K</b>                      | <b>SS304</b>             | 8.8    | 5.91  |
| <b>K1200</b> | 304.8     | 12.00 | POM-LF <b>BR</b>                  | POM-D <b>K</b>                      | <b>SS304</b>             | 10.2   | 6.85  |

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

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

SPECIAL PLASTIC CHAIN

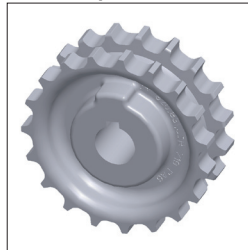
## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |     | Min. ø bore |     | Max. ø bore |     | Hub-diameter |     | A-dimension |     | B-dimension |     | LG          | Cast Iron | N             |
|-------------|----------------|------|------------------|-----|-------------|-----|-------------|-----|--------------|-----|-------------|-----|-------------|-----|-------------|-----------|---------------|
|             | mm             | in   | mm               | in  | mm          | in  | mm          | in  | mm           | in  | mm          | in  | mm          | in  | Molded PA66 | Molded    | Machined PA66 |
| Z19         | 117.3          | 4.62 | 117.0            | 4.6 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 58.70       | 2.3 | 64.50       | 2.5 | x           |           |               |
| Z21         | 129.2          | 5.09 | 130.0            | 5.1 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 65.00       | 2.6 | 70.50       | 2.8 | x           | x         |               |
| Z23         | 141.2          | 5.56 | 142.0            | 5.6 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 71.20       | 2.8 | 76.50       | 3.0 | x           | x         |               |
| Z25         | 153.2          | 6.03 | 155.0            | 6.1 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 77.40       | 3.0 | 82.50       | 3.2 | x           | x         |               |
| Z27         | 165.2          | 6.50 | 167.0            | 6.6 | 20.00       | 0.8 | 70.00       | 2.8 | 0.00         | 0.0 | 83.60       | 3.3 | 88.50       | 3.5 |             | x         | x             |
| Z29         | 177.2          | 6.98 | 179.0            | 7.0 | 20.00       | 0.8 | 70.00       | 2.8 | 0.00         | 0.0 | 89.80       | 3.5 | 94.60       | 3.7 |             | x         | x             |
| Z31         | 189.3          | 7.45 | 192.0            | 7.6 | 20.00       | 0.8 | 70.00       | 2.8 | 0.00         | 0.0 | 95.90       | 3.8 | 100.60      | 4.0 |             | x         | x             |

## Two part sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |     | Min. ø bore |     | Max. ø bore |     | Hub-diameter |     | A-dimension |     | B-dimension |     | LG          | Cast Iron | N             |
|-------------|----------------|------|------------------|-----|-------------|-----|-------------|-----|--------------|-----|-------------|-----|-------------|-----|-------------|-----------|---------------|
|             | mm             | in   | mm               | in  | mm          | in  | mm          | in  | mm           | in  | mm          | in  | mm          | in  | Molded PA66 | Molded    | Machined PA66 |
| Z19         | 117.3          | 4.62 | 117.0            | 4.6 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 58.70       | 2.3 | 64.50       | 2.5 | x           |           |               |
| Z21         | 129.2          | 5.09 | 130.0            | 5.1 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 65.00       | 2.6 | 70.50       | 2.8 | x           |           |               |
| Z23         | 141.2          | 5.56 | 142.0            | 5.6 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 71.20       | 2.8 | 76.50       | 3.0 | x           |           |               |
| Z25         | 153.2          | 6.03 | 155.0            | 6.1 | 20.00       | 0.8 | 40.00       | 1.6 | 58.00        | 2.3 | 77.40       | 3.0 | 82.50       | 3.2 | x           |           |               |

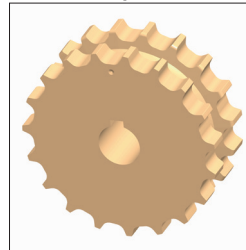
### Molded sprocket



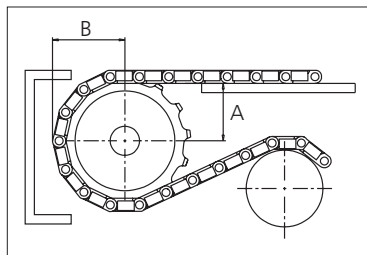
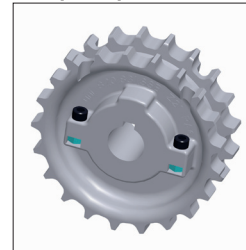
### Cast iron sprocket



### Machined sprocket



### 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: 79.4 mm/3.13 in  
 Width of sprocket: 49.4 mm/3.13 in  
 uni Retainer Rings: See uni Retainer Ring data sheet

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



Conveyor



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Modular



Timing



Transmission



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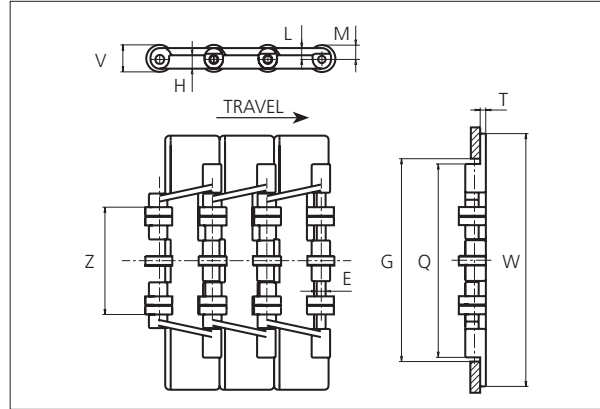
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# Special Plastic Chain

## uni 821-RO



### Special 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: 2500 N (562 lbf)

Delivery: 3.048 m (10 ft)

No. of links/box: 80

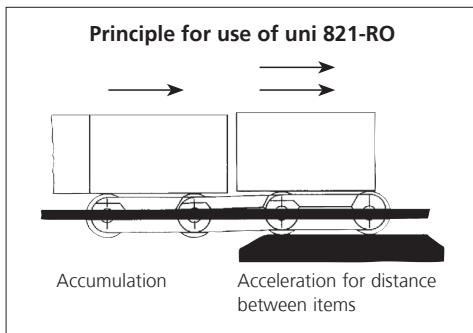
| E   |      | G     |      | H   |      | L   |      | M   |      | P    |      | Q     |      | T   |      | V    |      | Z    |      |
|-----|------|-------|------|-----|------|-----|------|-----|------|------|------|-------|------|-----|------|------|------|------|------|
| mm  | in   | mm    | in   | mm  | in   | mm  | in   | mm  | in   | mm   | in   | mm    | in   | mm  | in   | mm   | in   | mm   | in   |
| 6.4 | 0.25 | 140.0 | 5.51 | 9.5 | 0.37 | 8.0 | 0.31 | 9.5 | 0.37 | 38.1 | 1.50 | 136.5 | 5.37 | 5.0 | 0.20 | 19.0 | 0.75 | 75.0 | 2.95 |

All dimensions are for chains in POM material.

| Width (W) |       |      | Recommended material & color | Recommended roller material & color | Recommended pin material | Weight |       |
|-----------|-------|------|------------------------------|-------------------------------------|--------------------------|--------|-------|
|           | mm    | in   |                              |                                     |                          | kg/m   | lb/ft |
| K750      | 190.5 | 7.50 | POM-LF <b>BR</b>             | POM-LF <b>BR</b>                    | <b>SS304</b>             | 2.6    | 1.75  |

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

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



NON STANDARD

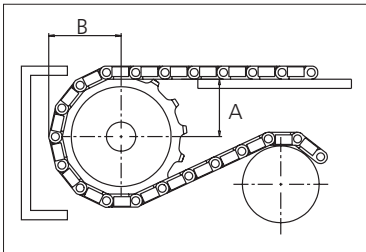
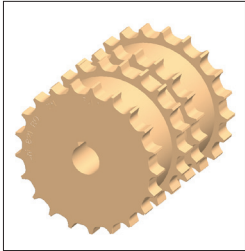
SPECIAL PLASTIC CHAIN

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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |                |                  |                 |
| Z10         | 129.2          | 5.09 | 130.0            | 5.11 | 18.0        | 0.71 | 70.0        | 2.76 | 0.0          | 0.00 | 67.8        | 2.67 | 71.0        | 2.80 | x              |                  |                 |

Molded 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: 13.8 mm/0.54 in  
Width of sprocket: 135.0 mm/5.30 in  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 821-RO/0412



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Timing



Transmission



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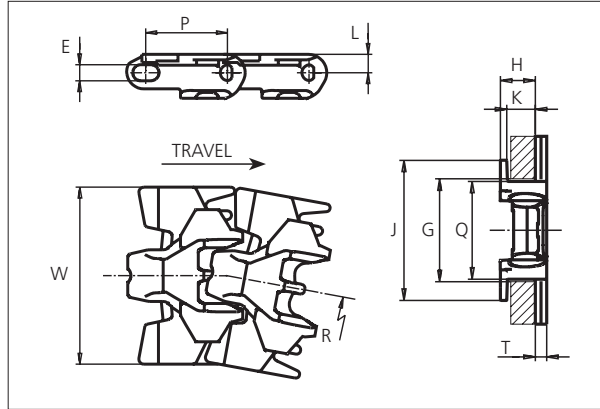
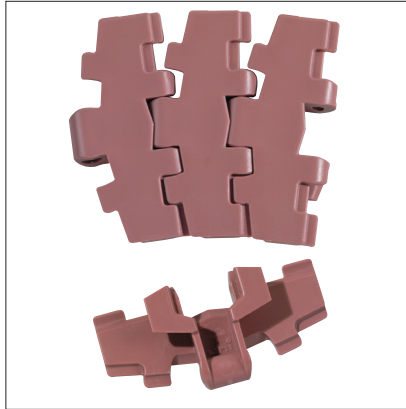
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# Special Plastic Chain uni 879 TAB Safety



## Special Plastic Chain

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius: 75.0 mm (3.00 in)

Permissible tensile strength:

POM material: 2250 N (506 lbf)

Delivery: 3.048 m (10 ft)

No. of links/box: 80

STANDARD

| E   |      | G    |      | H    |      | J    |      | K    |      | L   |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|-----|------|
| 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 | 15.9 | 0.63 | 61.5 | 2.42 | 11.9 | 0.47 | 8.5 | 0.33 | 38.1 | 1.50 | 43.1 | 1.70 | 5.0 | 0.20 |

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   |
| K325      | 82.6  | 3.25 | POM-LFI <b>BR</b> | <b>SS304</b> | 1.0    | 0.67  | 200             | 7.87 |
| K450      | 114.3 | 4.50 | -                 | -            | -      | -     | -               | -    |

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

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

SPECIAL PLASTIC CHAIN

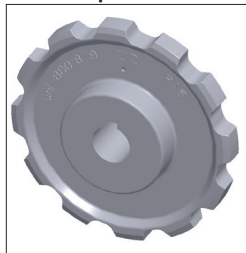
## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | LG          | Cast Iron | N             |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|-------------|-----------|---------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded PA66 | Molded    | Machined PA66 |
| <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 |      | LG          | Cast Iron | N             |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|-------------|-----------|---------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded PA66 | Molded    | Machined PA66 |
| <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           |           |               |

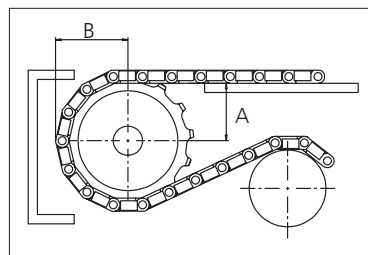
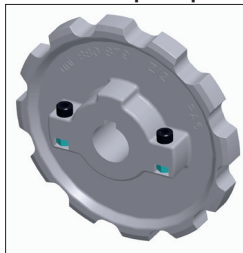
### Molded sprocket



### Cast iron sprocket



### Molded two part sprocket



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

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

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

uni 879 TAB/0412



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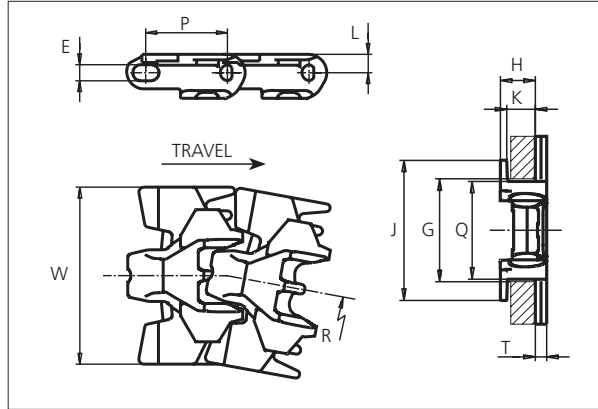
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# Special Plastic Chain

## uni 879 TAB Safety Finger



### Special Plastic Chain

Side flexing chain  
 Pitch: 38.1 mm (1.50 in)  
 Backflex radius: 90 mm (3.50 in)  
 Permissible tensile strength:  
 POM material: 2250 N (506 lbf)

Delivery: 3.048 m (10 ft)  
 No. of links/box: 80

STANDARD

| E   |      | G    |      | H    |      | J    |      | K    |      | L   |      | P    |      | Q    |      | T   |      |
|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|-----|------|
| 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 | 15.9 | 0.63 | 61.5 | 2.42 | 11.9 | 0.47 | 8.5 | 0.33 | 38.1 | 1.50 | 43.1 | 1.70 | 5.0 | 0.20 |

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   |
| K325      | 82.6 | 3.25 | POM-DI <b>W</b>  | SS304        | 1.0    | 0.67  | 200             | 7.87 |

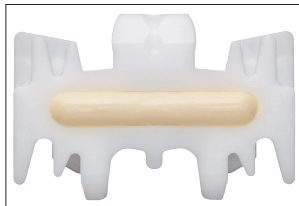
Non standard material and color: See uni Material and Color Overview.

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

SPECIAL PLASTIC CHAIN

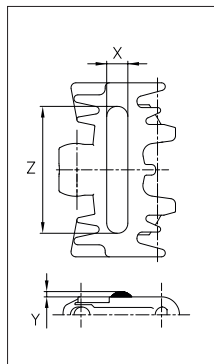
### Accessories

#### 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   |
| K325  | POM-DI <b>W</b> | 05 <b>I</b>     | 60 | 2.36 | 10 | 0.39 | 2.5 | 0.10 |

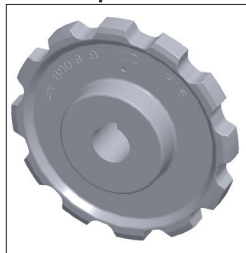
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | 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              |                  |                 |

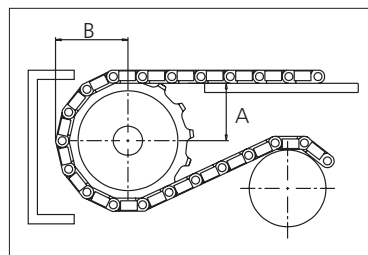
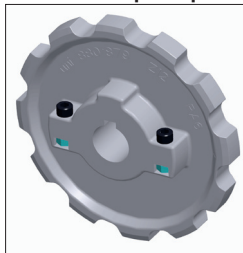
### Molded sprocket



### Cast iron sprocket



### Molded two part sprocket



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

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

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



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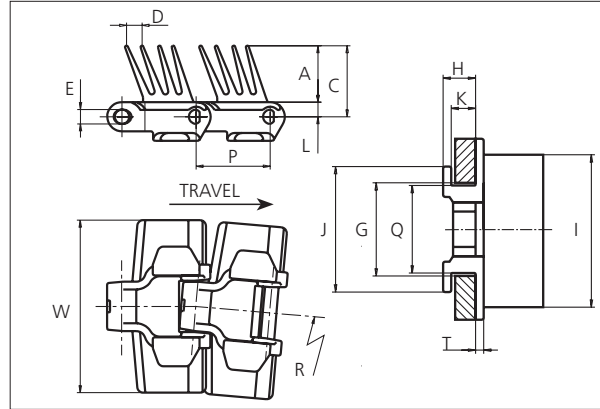
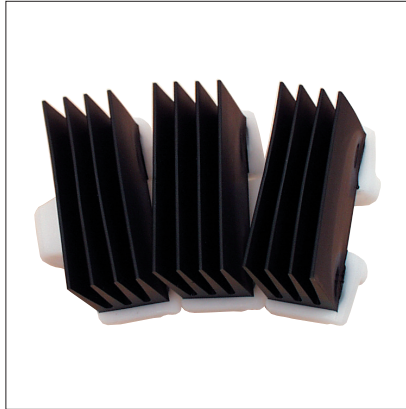
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# Special Plastic Chain

## uni 879 TAB-R-G4



### Special Plastic Chain

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius: 200 mm (7.87 in)

Permissible tensile strength:

POM material: 2250 N (506 lbf)

Delivery: 3.048 m (10 ft)

No. of links/box: 80

STANDARD

| A    |      | C    |      | D   |      | E   |      | G    |      | H    |      | I    |      | J    |      | K    |      | L   |      | P    |      | Q    |      | T   |      |
|------|------|------|------|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|-----|------|
| mm   | in   | mm   | in   | mm  | in   | mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   | mm   | in   | mm  | in   |
| 29.0 | 1.14 | 37.5 | 1.48 | 9.0 | 0.36 | 7.1 | 0.28 | 44.5 | 1.75 | 15.9 | 0.63 | 75.0 | 2.95 | 61.5 | 2.42 | 11.9 | 0.47 | 8.5 | 0.33 | 38.1 | 1.50 | 42.9 | 1.69 | 5.0 | 0.20 |

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   |
| K325      | 82.6 | 3.25 | POM-LF <b>BR</b> – 04 <b>K</b> | <b>SS304</b> | 1.3    | 0.87  | 200             | 7.87 |

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

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

SPECIAL PLASTIC CHAIN

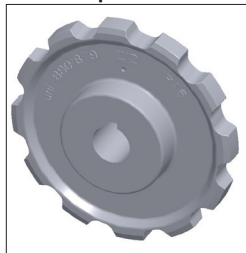
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | 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              |                  |                 |

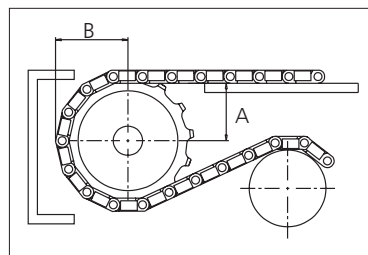
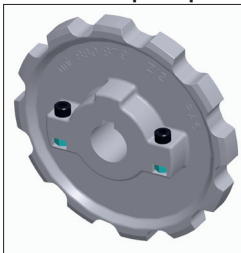
### Molded sprocket



### Cast iron sprocket



### Molded two part sprocket



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

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

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



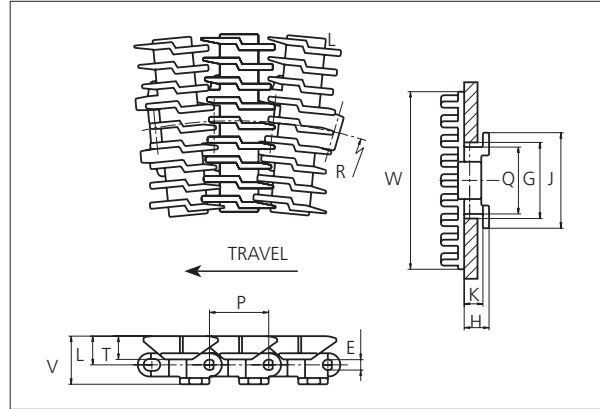
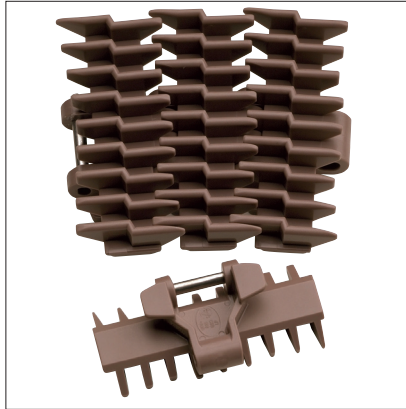
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# Special Plastic Chain uni 880 Rib



## 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.

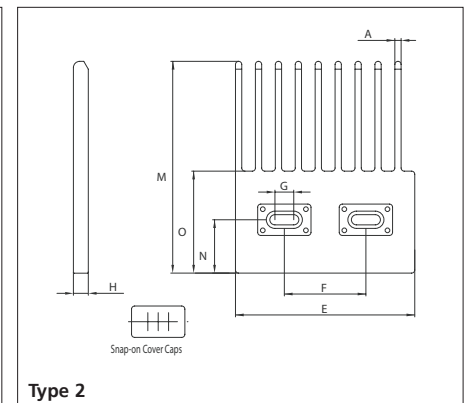
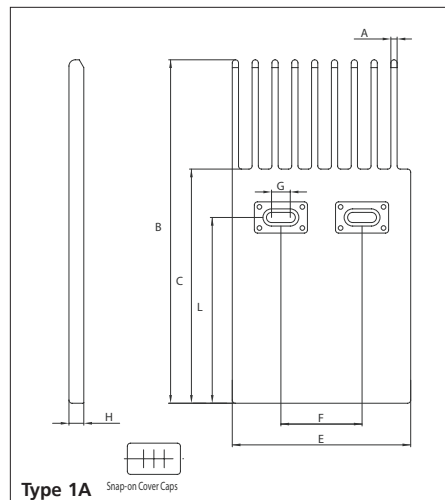
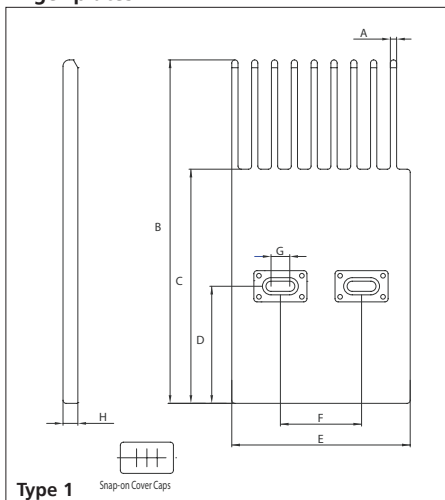
|      | Width (W) |      | Recommended material & color | Recommended pin material | Weight |       | Min. radius (R) |       |
|------|-----------|------|------------------------------|--------------------------|--------|-------|-----------------|-------|
|      | mm        | in   |               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



Material for finger plates: POM-LF **BR**

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

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

SPECIAL PLASTIC CHAIN

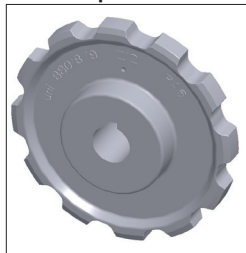
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | 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              |                  |                 |

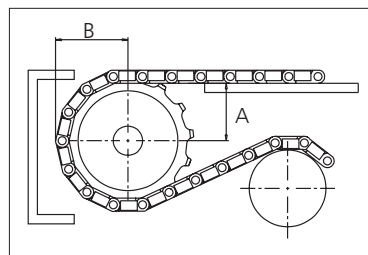
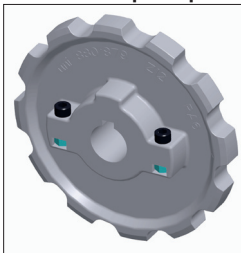
### Molded sprocket



### Cast iron sprocket



### Molded two part sprocket



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

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

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

uni 880 Rib/0412



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Seamless



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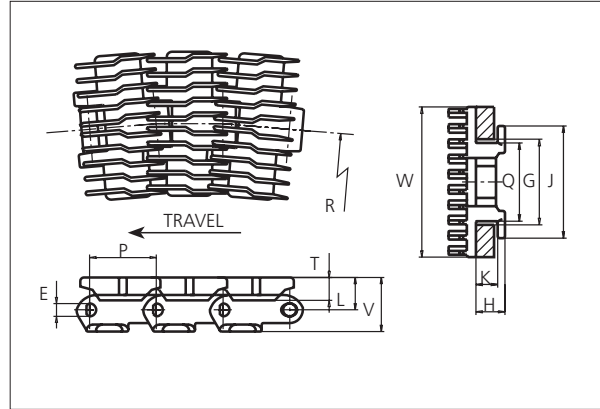
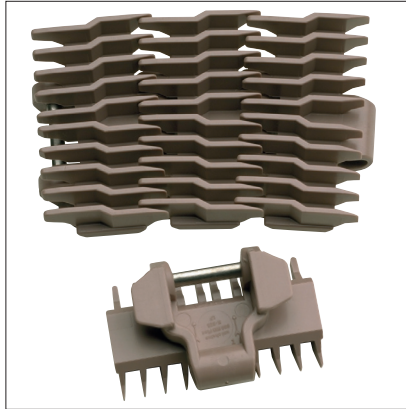
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# Special Plastic Chain uni 880 Rib-Flex



## Special Plastic Chain

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius: 90.0 mm (3.5 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   |
| 7.2 | 0.28 | 44.5 | 1.75 | 15.9 | 0.63 | 61.5 | 2.42 | 11.9 | 0.47 | 18.5 | 0.73 | 38.1 | 1.50 | 42.9 | 1.69 | 14.9 | 0.59 | 30.7 | 1.21 |

All dimensions are for chains in POM material.

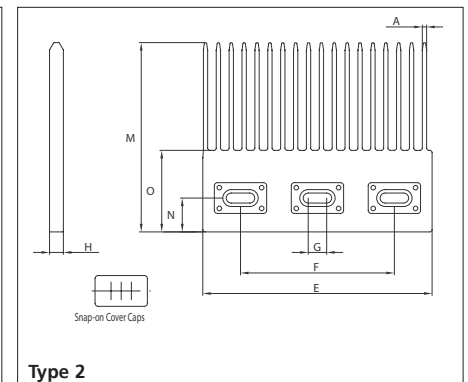
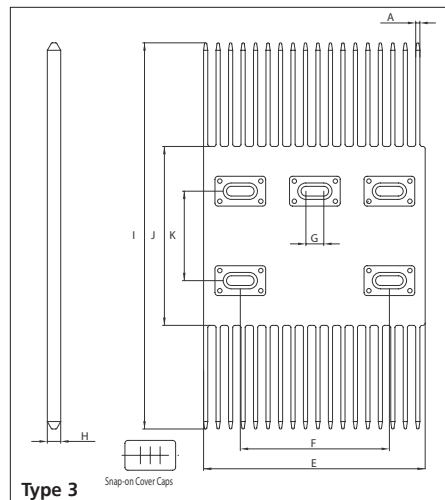
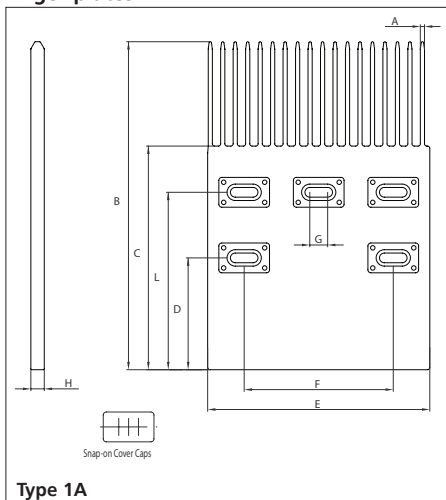
|      | Width (W) |      | Recommended material & color | Recommended pin material | Weight |       | Min. radius (R) |       |
|------|-----------|------|------------------------------|--------------------------|--------|-------|-----------------|-------|
|      | mm        | in   |                              |                          | kg/m   | lb/ft | mm              | in    |
| K250 | 63.5      | 2.50 | POM-LF BR                    | SS304                    | 1.2    | 0.81  | 457             | 17.99 |
| K325 | 82.6      | 3.25 | POM-LF BR                    | SS304                    | 1.3    | 0.87  | 457             | 17.99 |
| K450 | 114.3     | 4.50 | POM-LF BR                    | SS304                    | 1.5    | 1.01  | 457             | 17.99 |

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

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

## Accessories

### Finger plates



Material for finger plates: POM-LF BR

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

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     |      | G    |      | H   |      |
|-------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|------|------|-----|------|
| mm    | in    | mm    | in   | mm    | in   | mm    | in   | mm    | in   | mm    | in   | mm   | in   | mm  | in   |
| 2.8   | 0.11  | 220.0 | 8.66 | 150.0 | 5.91 | 75.0  | 2.95 | 149.0 | 5.87 | 100.0 | 3.94 | 12.0 | 0.47 | 9.0 | 0.35 |
| I     |       | J     |      | K     |      | L     |      | M     |      | N     |      | O    |      | -   |      |
| mm    | in    | mm    | in   | mm    | in   | mm    | in   | mm    | in   | mm    | in   | mm   | in   | mm  | in   |
| 259.0 | 10.20 | 120.0 | 4.72 | 60.0  | 2.36 | 119.0 | 4.69 | 123.0 | 4.84 | 22.0  | 0.87 | 53.0 | 2.09 | -   | -    |

NON STANDARD

SPECIAL PLASTIC CHAIN

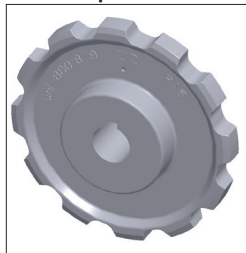
## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | LG          | Cast Iron | N             |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|-------------|-----------|---------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded PA66 | Molded    | Machined PA66 |
| <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 |      | LG          | Cast Iron | N             |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|-------------|-----------|---------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded PA66 | Molded    | Machined PA66 |
| <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           |           |               |

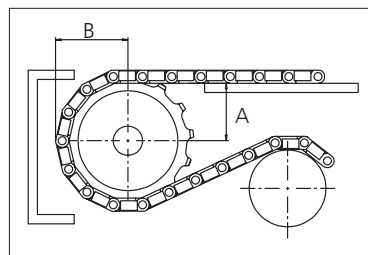
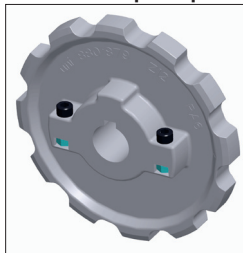
### Molded sprocket



### Cast iron sprocket



### Molded two part sprocket



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

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

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



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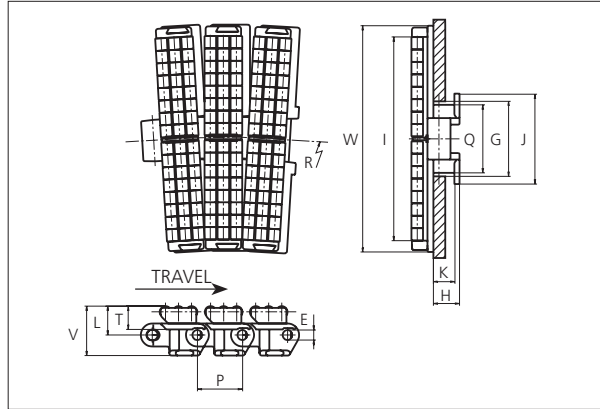
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# Special Plastic Chain

## uni 882 PRR-TAB



### Special Chains

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius: 101.0 mm (4.0 in)

Permissible tensile strength:

POM material: 4000 N (899 lbf)

Delivery: 3.048 m (10 ft)

No. of links/box: 80

Axle materials for  $\varnothing 5.0$  mm (0.20 in)  
accumulation rollers: See  
uni Material and Color Overview.

STANDARD

| E   |      | G    |      | H    |      | I (K325) |      | I (K400) |      | I (K750) |      | 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   | mm   | in   | mm   | in   |
| 8.7 | 0.34 | 59.5 | 2.34 | 22.2 | 0.87 | 79.3     | 3.12 | 98.3     | 3.87 | 174.5    | 6.87 | 73.0 | 2.87 | 17.5 | 0.69 | 23.5 | 0.93 | 38.1 | 1.50 | 57.2 | 2.25 | 19.0 | 0.75 | 41.2 | 1.62 |

All dimensions are for chains in POM material.

| Width (W) |       |      | Base<br>material & color | Roller<br>material & color | Pin material | Weight |       | Min. radius (R) |       |
|-----------|-------|------|--------------------------|----------------------------|--------------|--------|-------|-----------------|-------|
|           | mm    | in   |                          |                            |              | kg/m   | lb/ft | mm              | in    |
| K375      | 95.3  | 3.75 | POM-LF <b>BR</b>         | POM-LF <b>BR</b>           | <b>SS304</b> | 3.4    | 2.28  | 610             | 24.02 |
| K450      | 114.3 | 4.50 | POM-LF <b>BR</b>         | POM-LF <b>BR</b>           | <b>SS304</b> | 3.9    | 2.62  | 610             | 24.02 |
| K750      | 190.5 | 7.50 | POM-LF <b>BR</b>         | POM-LF <b>BR</b>           | <b>SS304</b> | 5.6    | 3.76  | 610             | 24.02 |

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

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

SPECIAL PLASTIC CHAIN

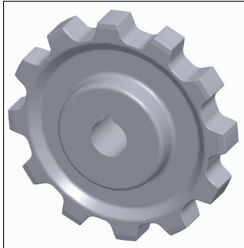
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |                |                  |                 |
| <b>Z9</b>   | 111.4          | 4.39 | 112.7            | 4.44 | 20.0        | 0.79 | 45.0        | 1.77 | 60.0         | 2.36 | 57.1        | 2.25 | 65.4        | 2.57 | x              | x                |                 |
| <b>Z10</b>  | 123.3          | 4.85 | 125.0            | 4.92 | 20.0        | 0.79 | 45.0        | 1.77 | 65.0         | 2.56 | 63.4        | 2.50 | 71.3        | 2.81 | x              | x                |                 |
| <b>Z11</b>  | 135.2          | 5.32 | 137.4            | 5.41 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 69.6        | 2.74 | 77.3        | 3.04 | x              | x                |                 |
| <b>Z12</b>  | 147.2          | 5.80 | 150.6            | 5.93 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 75.8        | 2.98 | 83.3        | 3.28 | x              | x                |                 |
| <b>Z15</b>  | 183.3          | 7.22 | 186.9            | 7.36 | 20.0        | 0.79 | 50.0        | 1.97 | 120.0        | 4.72 | 94.3        | 3.71 | 101.3       | 3.99 |                | 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |                |                  |                 |
| <b>Z9</b>   | 111.4          | 4.39 | 112.7            | 4.31 | 20.0        | 0.79 | 45.0        | 1.77 | 60.0         | 2.36 | 57.1        | 2.25 | 65.4        | 2.57 | x              |                  |                 |
| <b>Z10</b>  | 123.3          | 4.85 | 125.0            | 4.81 | 20.0        | 0.79 | 45.0        | 1.77 | 65.0         | 2.56 | 63.4        | 2.50 | 71.3        | 2.81 | x              |                  |                 |
| <b>Z11</b>  | 135.2          | 5.32 | 137.4            | 5.30 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 69.6        | 2.74 | 77.3        | 3.04 | x              |                  |                 |
| <b>Z12</b>  | 147.2          | 5.80 | 150.6            | 5.79 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 75.8        | 2.98 | 83.3        | 3.28 | x              |                  |                 |

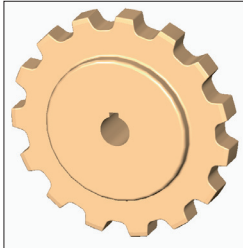
### Molded sprocket



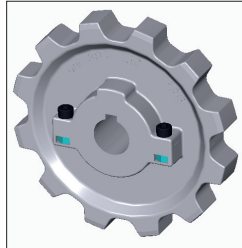
### Cast iron sprocket



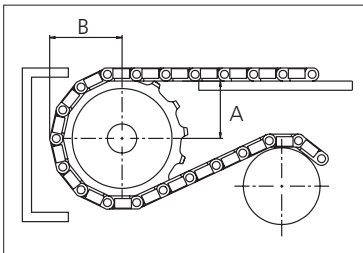
### Machined sprocket



### 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



Conveyor



Seamless



Modular



Timing



Transmission



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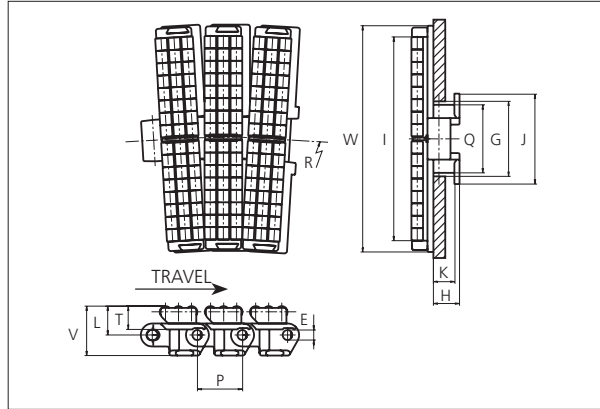
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# Special Plastic Chain

## uni 882 PRR-TAB4



### Special Plastic Chain

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius: 101.0 mm (4.0 in)

Permissible tensile strength:

POM material: 4000 N (899 lbf)

Delivery: 3.048 m (10 ft)

No. of links/box: 80

Axle materials for  $\varnothing 4.0$  mm (0.16 in)  
accumulation rollers: See  
uni Material and Color Overview.

NON STANDARD

| E   |      | G    |      | H    |      | I (K325) |      | I (K400) |      | I (K750) |      | 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   | mm   | in   | mm   | in   |
| 8.7 | 0.34 | 59.5 | 2.34 | 22.2 | 0.87 | 79.3     | 3.12 | 98.3     | 3.87 | 174.5    | 6.87 | 73.0 | 2.87 | 17.5 | 0.69 | 23.5 | 0.93 | 38.1 | 1.50 | 57.2 | 2.25 | 19.0 | 0.75 | 41.2 | 1.62 |

All dimensions are for chains in POM material.

| Width (W) |       |      | Recommended base<br>material & color | Recommended roller<br>material & color | Recommended<br>pin material | Weight |       | Min. radius (R) |       |
|-----------|-------|------|--------------------------------------|----------------------------------------|-----------------------------|--------|-------|-----------------|-------|
|           | mm    | in   |                                      |                                        |                             | kg/m   | lb/ft | mm              | in    |
| K375      | 95.3  | 3.75 | POM-LF <b>BR</b>                     | POM-D <b>K</b>                         | <b>SS304</b>                | 3.4    | 2.30  | 610             | 24.02 |
| K450      | 114.3 | 4.50 | POM-LF <b>BR</b>                     | POM-D <b>K</b>                         | <b>SS304</b>                | 3.9    | 2.55  | 610             | 24.02 |
| K750      | 190.5 | 7.50 | POM-LF <b>BR</b>                     | POM-D <b>K</b>                         | <b>SS304</b>                | 5.7    | 3.83  | 610             | 24.02 |

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

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

SPECIAL PLASTIC CHAIN

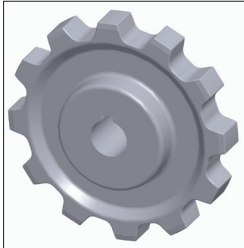
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |                |                  |                 |
| <b>Z9</b>   | 111.4          | 4.39 | 112.7            | 4.44 | 20.0        | 0.79 | 45.0        | 1.77 | 60.0         | 2.36 | 57.1        | 2.25 | 65.4        | 2.57 | x              | x                |                 |
| <b>Z10</b>  | 123.3          | 4.85 | 125.0            | 4.92 | 20.0        | 0.79 | 45.0        | 1.77 | 65.0         | 2.56 | 63.4        | 2.50 | 71.3        | 2.81 | x              | x                |                 |
| <b>Z11</b>  | 135.2          | 5.32 | 137.4            | 5.41 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 69.6        | 2.74 | 77.3        | 3.04 | x              | x                |                 |
| <b>Z12</b>  | 147.2          | 5.80 | 150.6            | 5.93 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 75.8        | 2.98 | 83.3        | 3.28 | x              | x                |                 |
| <b>Z15</b>  | 183.3          | 7.22 | 186.9            | 7.36 | 20.0        | 0.79 | 50.0        | 1.97 | 120.0        | 4.72 | 94.3        | 3.71 | 101.3       | 3.99 |                | 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |                |                  |                 |
| <b>Z9</b>   | 111.4          | 4.39 | 112.7            | 4.31 | 20.0        | 0.79 | 45.0        | 1.77 | 60.0         | 2.36 | 57.1        | 2.25 | 65.4        | 2.57 | x              |                  |                 |
| <b>Z10</b>  | 123.3          | 4.85 | 125.0            | 4.81 | 20.0        | 0.79 | 45.0        | 1.77 | 65.0         | 2.56 | 63.4        | 2.50 | 71.3        | 2.81 | x              |                  |                 |
| <b>Z11</b>  | 135.2          | 5.32 | 137.4            | 5.30 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 69.6        | 2.74 | 77.3        | 3.04 | x              |                  |                 |
| <b>Z12</b>  | 147.2          | 5.80 | 150.6            | 5.79 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 75.8        | 2.98 | 83.3        | 3.28 | x              |                  |                 |

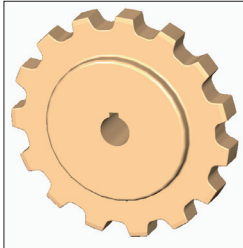
### Molded sprocket



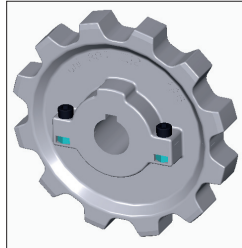
### Cast iron sprocket



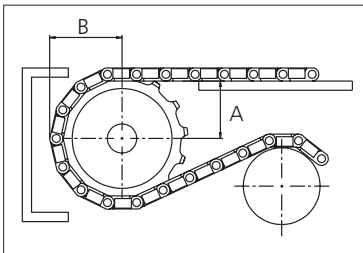
### Machined sprocket



### 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



Conveyor



Seamless



Modular



Timing



Transmission



Fabrication & service

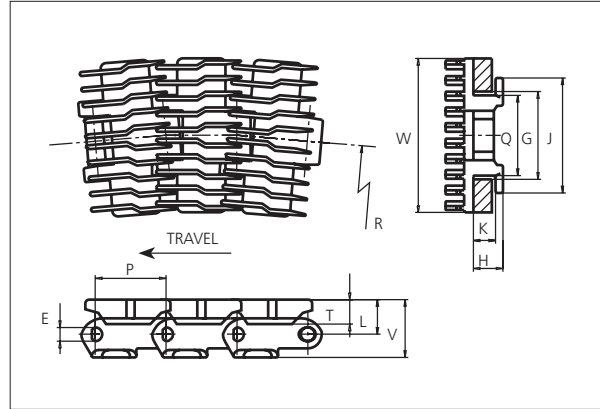
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# Special Plastic Chain uni 882 Rib-Flex



## Special Chains

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius: 75.0 mm (3.00 in)

Permissible tensile strength:

POM material: 4000 N (899 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   |
| 8.7 | 0.34 | 59.5 | 2.34 | 22.2 | 0.87 | 76.20 | 3.00 | 17.5 | 0.69 | 19.7 | 0.78 | 38.1 | 1.50 | 57.2 | 2.25 | 15.0 | 0.59 | 37.0 | 1.46 |

All dimensions are for chains in POM material.

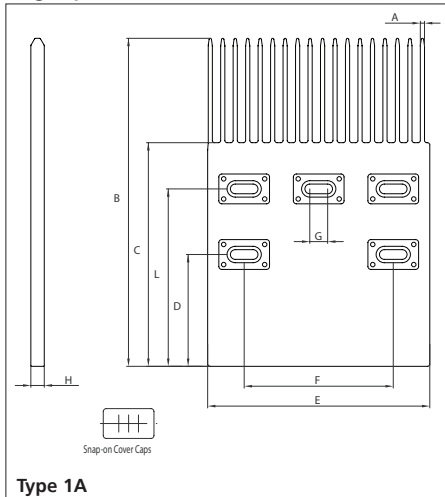
| Width (W) |       |      | Recommended material & color | Recommended pin material | Weight |       | min. radius R |       |
|-----------|-------|------|------------------------------|--------------------------|--------|-------|---------------|-------|
|           | mm    | in   |                              |                          | kg/m   | lb/ft | mm            | in    |
| K600      | 147.4 | 5.80 | POM-LF <b>BR</b>             | <b>SS304</b>             | 2.4    | 1.61  | 610.0         | 24.02 |

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

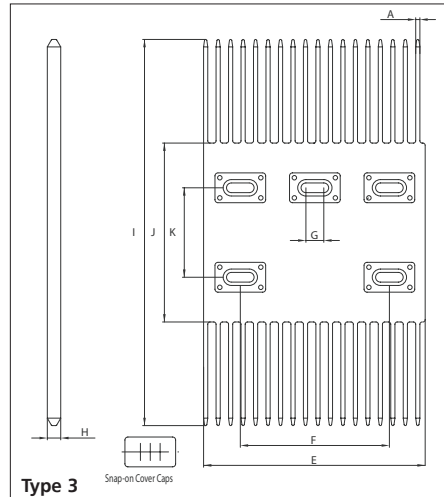
Non standard pin material: See uni Material and Color Overview.

## Accessories

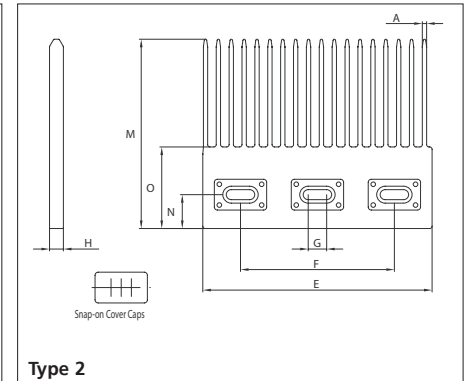
### Finger plates



Type 1A



Type 3



Type 2

Material for finger plates: POM-LF **BR**

Non standard material and color:

See uni Material and Color Overview.

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     |      | G    |      | H   |      |
|-----|------|-------|------|-------|------|------|------|-------|------|-------|------|------|------|-----|------|
| mm  | in   | mm    | in   | mm    | in   | mm   | in   | mm    | in   | mm    | in   | mm   | in   | mm  | in   |
| 2.8 | 0.11 | 220.0 | 8.66 | 150.0 | 5.91 | 75.0 | 2.95 | 149.0 | 5.87 | 100.0 | 3.94 | 12.0 | 0.47 | 9.0 | 0.35 |

| I     |       | J     |      | K    |      | L     |      | M     |      | N    |      | O    |      | -  |    |
|-------|-------|-------|------|------|------|-------|------|-------|------|------|------|------|------|----|----|
| mm    | in    | mm    | in   | mm   | in   | mm    | in   | mm    | in   | mm   | in   | mm   | in   | mm | in |
| 259.0 | 10.20 | 120.0 | 4.72 | 60.0 | 2.36 | 119.0 | 4.69 | 123.0 | 4.84 | 22.0 | 0.87 | 53.0 | 2.09 | -  | -  |



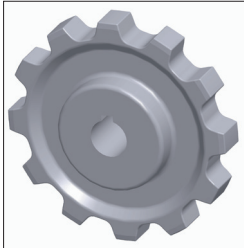
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |                |                  |                 |
| <b>Z9</b>   | 111.4          | 4.39 | 112.7            | 4.44 | 20.0        | 0.79 | 45.0        | 1.77 | 60.0         | 2.36 | 57.1        | 2.25 | 65.4        | 2.57 | x              | x                |                 |
| <b>Z10</b>  | 123.3          | 4.85 | 125.0            | 4.92 | 20.0        | 0.79 | 45.0        | 1.77 | 65.0         | 2.56 | 63.4        | 2.50 | 71.3        | 2.81 | x              | x                |                 |
| <b>Z11</b>  | 135.2          | 5.32 | 137.4            | 5.41 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 69.6        | 2.74 | 77.3        | 3.04 | x              | x                |                 |
| <b>Z12</b>  | 147.2          | 5.80 | 150.6            | 5.93 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 75.8        | 2.98 | 83.3        | 3.28 | x              | x                |                 |
| <b>Z15</b>  | 183.3          | 7.22 | 186.9            | 7.36 | 20.0        | 0.79 | 50.0        | 1.97 | 120.0        | 4.72 | 94.3        | 3.71 | 101.3       | 3.99 |                | 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |                |                  |                 |
| <b>Z9</b>   | 111.4          | 4.39 | 112.7            | 4.31 | 20.0        | 0.79 | 45.0        | 1.77 | 60.0         | 2.36 | 57.1        | 2.25 | 65.4        | 2.57 | x              |                  |                 |
| <b>Z10</b>  | 123.3          | 4.85 | 125.0            | 4.81 | 20.0        | 0.79 | 45.0        | 1.77 | 65.0         | 2.56 | 63.4        | 2.50 | 71.3        | 2.81 | x              |                  |                 |
| <b>Z11</b>  | 135.2          | 5.32 | 137.4            | 5.30 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 69.6        | 2.74 | 77.3        | 3.04 | x              |                  |                 |
| <b>Z12</b>  | 147.2          | 5.80 | 150.6            | 5.79 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 75.8        | 2.98 | 83.3        | 3.28 | x              |                  |                 |

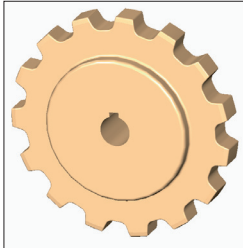
### Molded sprocket



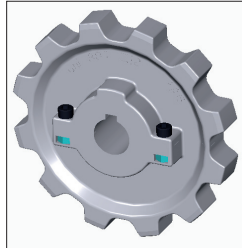
### Cast iron sprocket



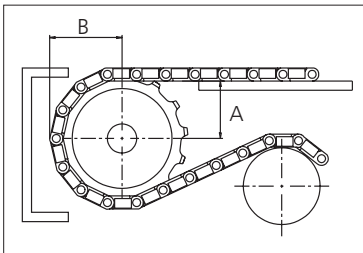
### Machined sprocket



### 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



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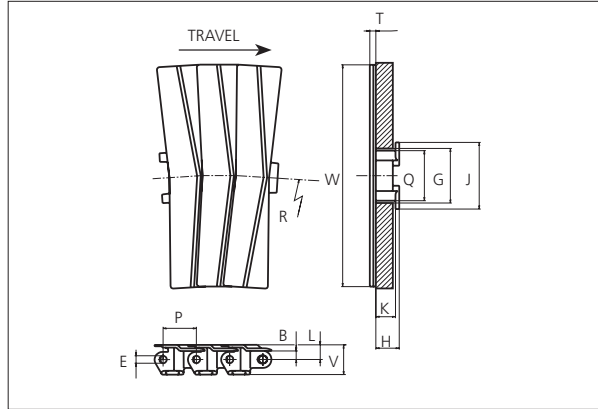
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# Special Plastic Chain

## uni 882 SC-TAB



### 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)

Delivery: 3.048 m (10 ft)

No. of links/box: 80

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    |
| K450  | 114.3     | 4.50  | POM-LF BR        | SS304        | 2.2    | 1.48  | 610           | 24.02 |
| K750  | 190.5     | 7.50  | POM-LF BR        | SS304        | 3.0    | 2.01  | 610           | 24.02 |
| K1000 | 254.0     | 10.00 | POM-LF BR        | SS304        | 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.

SPECIAL PLASTIC CHAIN

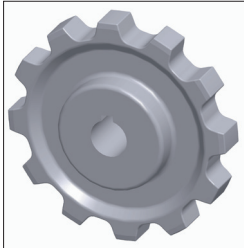
## Sprocket

| 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |                |                  |                 |
| <b>Z9</b>   | 111.4          | 4.39 | 112.7            | 4.44 | 20.0        | 0.79 | 45.0        | 1.77 | 60.0         | 2.36 | 57.1        | 2.25 | 65.4        | 2.57 | x              | x                |                 |
| <b>Z10</b>  | 123.3          | 4.85 | 125.0            | 4.92 | 20.0        | 0.79 | 45.0        | 1.77 | 65.0         | 2.56 | 63.4        | 2.50 | 71.3        | 2.81 | x              | x                |                 |
| <b>Z11</b>  | 135.2          | 5.32 | 137.4            | 5.41 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 69.6        | 2.74 | 77.3        | 3.04 | x              | x                |                 |
| <b>Z12</b>  | 147.2          | 5.80 | 150.6            | 5.93 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 75.8        | 2.98 | 83.3        | 3.28 | x              | x                |                 |
| <b>Z15</b>  | 183.3          | 7.22 | 186.9            | 7.36 | 20.0        | 0.79 | 50.0        | 1.97 | 120.0        | 4.72 | 94.3        | 3.71 | 101.3       | 3.99 |                | 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 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|------------------|-----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |                |                  |                 |
| <b>Z9</b>   | 111.4          | 4.39 | 112.7            | 4.31 | 20.0        | 0.79 | 45.0        | 1.77 | 60.0         | 2.36 | 57.1        | 2.25 | 65.4        | 2.57 | x              |                  |                 |
| <b>Z10</b>  | 123.3          | 4.85 | 125.0            | 4.81 | 20.0        | 0.79 | 45.0        | 1.77 | 65.0         | 2.56 | 63.4        | 2.50 | 71.3        | 2.81 | x              |                  |                 |
| <b>Z11</b>  | 135.2          | 5.32 | 137.4            | 5.30 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 69.6        | 2.74 | 77.3        | 3.04 | x              |                  |                 |
| <b>Z12</b>  | 147.2          | 5.80 | 150.6            | 5.79 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 75.8        | 2.98 | 83.3        | 3.28 | x              |                  |                 |

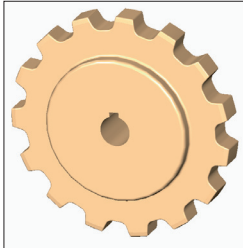
### Molded sprocket



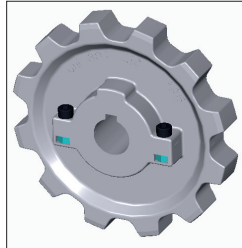
### Cast iron sprocket



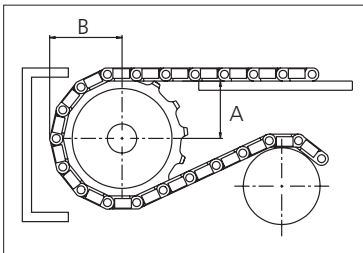
### Machined sprocket



### 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



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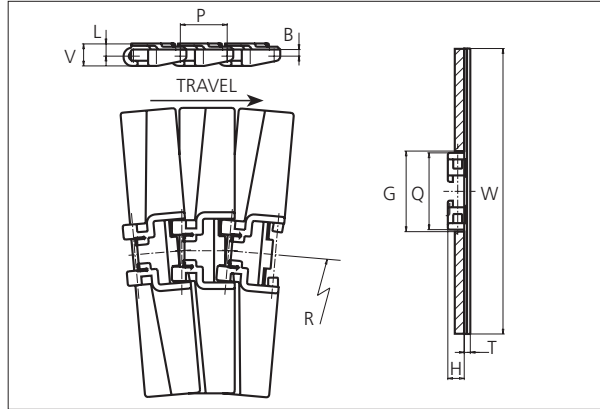
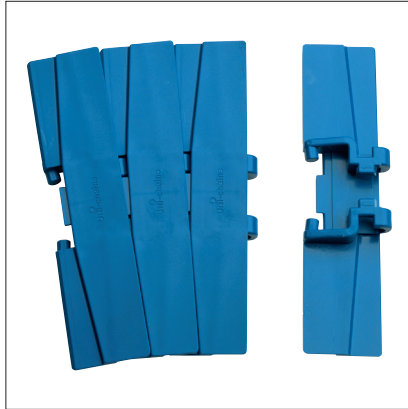
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# Special Plastic Chain

## uni 982 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)

Delivery: 3.050 m (10 ft)  
 No. of links/box: 80

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.

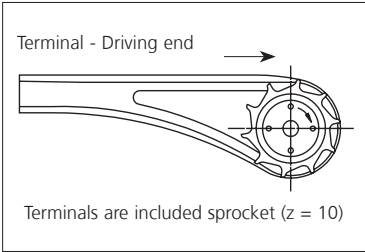
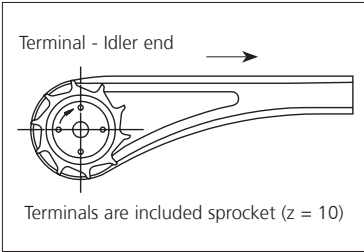
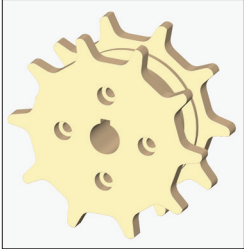
SPECIAL PLASTIC CHAIN

Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |    | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |    | B-dimension |    | Molded PA66 LG | Machined PA66 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 |             |    |             |    |                | x               |

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

uni 982 SC/0412



Conveyor



Seamless



Modular



Timing



Transmission



Fabrication & service

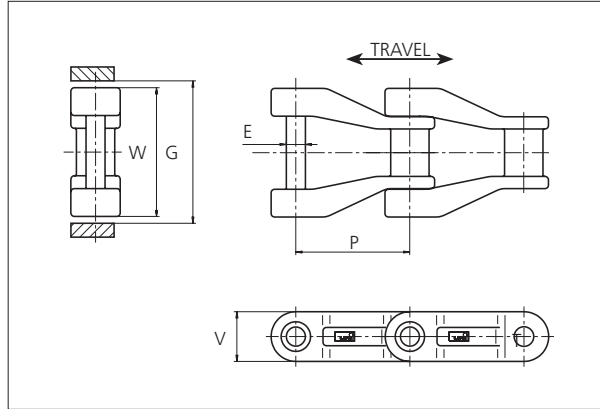
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# Special Plastic Chain uni NH78



## Special Plastic Chain

Straight running chain

Pitch: 66.3 mm (2.61 in)

Backflex radius: 75 mm (3 in)

Permissible tensile strength:

T1: (POM) 9000 N\* (2023 lbf)

T2: (POM) 7000 N (1574 lbf)

T3: (POM) 6000 N (1349 lbf)

T4: (POM) 6000 N (1349 lbf)

T5: (POM) 5000 N (1124 lbf)

\* For PA6: 7000 N (1574 lbf)

Delivery: 6.1 m (20 ft)

No. of links/box: 92

STANDARD

SPECIAL PLASTIC CHAIN

| E    |      | G    |      | P    |      | V    |      |
|------|------|------|------|------|------|------|------|
| mm   | in   | mm   | in   | mm   | in   | mm   | in   |
| 11.0 | 0.43 | 78.0 | 3.07 | 66.3 | 2.61 | 28.6 | 1.13 |

All dimensions are for chains in POM material.

## Standard material & colors

| Width (W)   |      |      | Material & color           | Pin material | Pin fixing | Pin ø |      | Weight |       |
|-------------|------|------|----------------------------|--------------|------------|-------|------|--------|-------|
|             | mm   | in   |                            |              |            | mm    | in   | kg/m   | lb/ft |
| uni NH78 T1 | 74.0 | 2.91 | POM-LF<br>POM-D<br>BR<br>G | SS304        | Staked     | 11.0  | 0.43 | 2.1    | 1.41  |

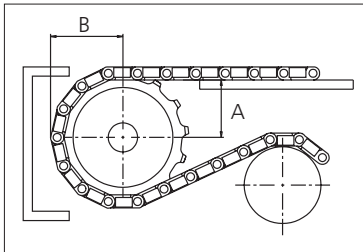
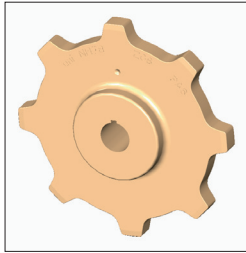
## Non Standard material & colors

| Width (W)   |      |      | Material & color               | Pin material | Pin fixing            | Pin ø |      | Weight |       |
|-------------|------|------|--------------------------------|--------------|-----------------------|-------|------|--------|-------|
|             | mm   | in   |                                |              |                       | mm    | in   | kg/m   | lb/ft |
| uni NH78 T1 | 74.0 | 2.91 | POM-PA6<br>K                   | SS304        | Staked                | 11.0  | 0.43 | 2.1    | 1.41  |
| uni NH78 T2 | 74.0 | 2.91 | POM-GR<br>POM-PA66GF<br>K<br>K | SS304        | Staked                | 11.0  | 0.43 | 2.1    | 1.41  |
| uni NH78 T3 | 74.0 | 2.91 | POM-PA66GF<br>K                | SS304        | Staked (PE sleeve)    | 10.0  | 0.39 | 2.1    | 1.41  |
| uni NH78 T4 | 74.0 | 2.91 | POM-PA66GF<br>K                | SS304        | Cotterpin (PE sleeve) | 10.0  | 0.39 | 2.1    | 1.41  |
| uni NH78 T5 | 74.0 | 2.91 | POM-AR<br>I                    | SS304        | Staked                | 11.0  | 0.43 | 2.1    | 1.41  |

## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | Molded PA66 LG | Machined PA66 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|-----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |                |                 |
| <b>Z9</b>   | 132.6          | 5.22 | 137.4            | 5.40 | 20.0        | 0.80 | 40.0        | 1.60 | 65.0         | 2.60 | 43.1        | 1.70 | 80.6        | 3.20 |                | x               |
| <b>Z10</b>  | 173.3          | 6.82 | 182.6            | 7.20 | 20.0        | 0.80 | 40.0        | 1.60 | 65.0         | 2.60 | 65.8        | 2.60 | 100.9       | 4.00 |                | x               |
| <b>Z11</b>  | 214.5          | 8.44 | 226.6            | 8.90 | 20.0        | 0.80 | 50.0        | 2.00 | 73.5         | 2.90 | 87.7        | 3.50 | 121.6       | 4.80 |                | x               |

## 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: 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 NH78/0412



Conveyor



Seamless



Modular



Timing



Transmission



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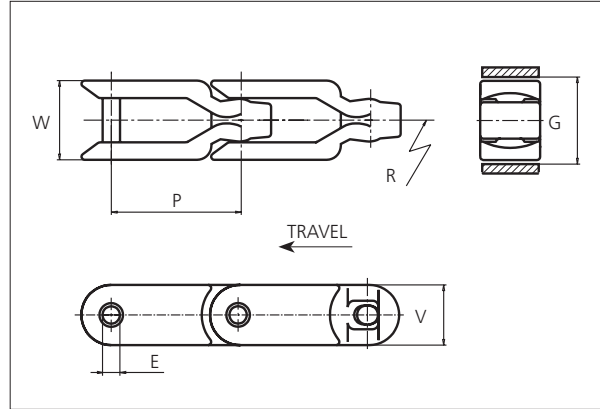
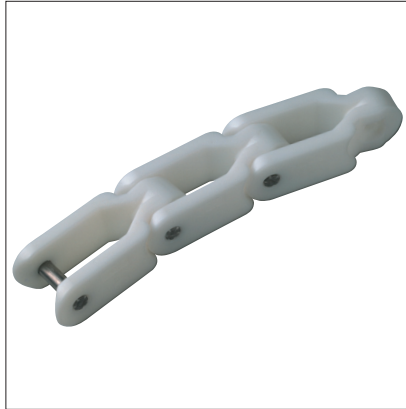
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# uni Flex Plastic Chain

## uni 1400



### uni Flex Chains

Side flexing chain  
Pitch: 82.5 mm (3.25 in)  
Backflex radius: 75.0 mm (2.90 in)  
Permissible tensile strength:  
POM material 8000 N (1798 lbf)

Delivery: 6.1 m (20.0 ft)  
No. of links/box: 74

STANDARD

| E    |      | G    |      | P    |      | V    |      |
|------|------|------|------|------|------|------|------|
| mm   | in   | mm   | in   | mm   | in   | mm   | in   |
| 11.0 | 0.43 | 54.0 | 2.13 | 82.5 | 3.25 | 38.0 | 1.50 |

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    |
| 50.0      | 1.97 | POM-D <b>W</b>   | <b>SS304</b> | 2.1    | 1.41  | 450             | 17.72 |

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

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

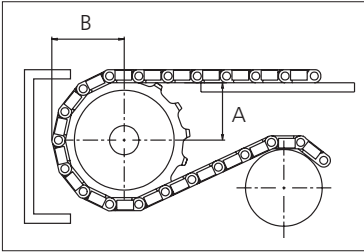
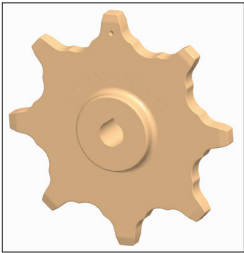
UNI FLEX PLASTIC CHAIN

Sprocket

| No of teeth | Pitch diameter |       | Overall-diameter |       | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | Molded LG PA66 | Machined N PA66 |
|-------------|----------------|-------|------------------|-------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|-----------------|
|             | mm             | in    | mm               | in    | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |                |                 |
| Z6          | 164.5          | 6.48  | 177.0            | 7.00  | 20.0        | 0.80 | 40.0        | 1.60 | 63.0         | 2.50 | 52.5        | 2.10 | 101.5       | 4.00 |                | x               |
| Z8          | 215.2          | 8.47  | 227.6            | 9.00  | 20.0        | 0.80 | 50.0        | 2.00 | 73.5         | 2.90 | 80.6        | 3.20 | 126.8       | 5.00 |                | x               |
| Z10         | 266.7          | 10.50 | 279.0            | 11.00 | 20.0        | 0.80 | 50.0        | 2.00 | 73.5         | 2.90 | 108.0       | 4.30 | 152.5       | 6.00 |                | x               |

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: 15.0 mm/0.59 in  
Width of sprocket: 42.3 mm/1.67 in  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 1400/0412



Conveyor



Seamless



Modular



Timing



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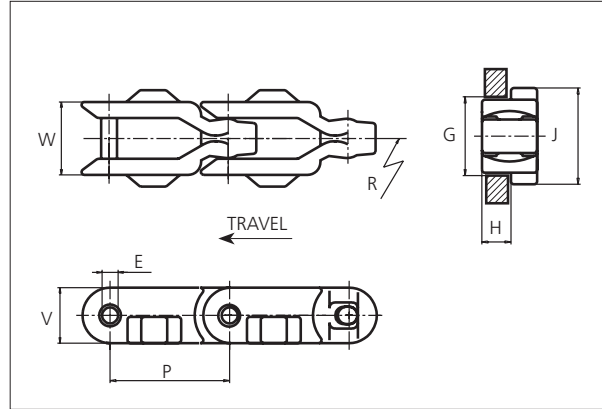
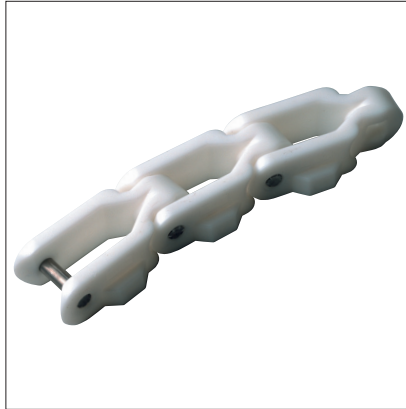
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# uni Flex Plastic Chain

## uni 1400 TAB



### uni Flex Plastic Chain

Side flexing chain  
 Pitch: 82.5 mm (3.25 in)  
 Backflex radius: 75.0 mm (2.90 in)  
 Permissible tensile strength:  
 POM material 8000 N (1798 lbf)  
 Delivery: 6.1 m (20.0 ft)  
 No. of links/box: 74

| E    |      | G    |      | H    |      | J    |      | P    |      | V    |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   |
| 11.0 | 0.43 | 54.0 | 2.13 | 20.0 | 0.79 | 66.0 | 2.60 | 82.5 | 3.25 | 38.0 | 1.50 |

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    |
| 50.0      | 1.97 | POM-D <b>W</b>   | <b>SS304</b> | 2.3    | 1.55  | 450             | 17.72 |

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

STANDARD

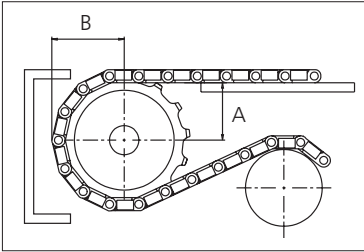
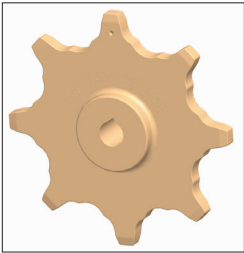
UNI FLEX PLASTIC CHAIN

Sprocket

| No of teeth | Pitch diameter |       | Overall-diameter |       | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | Molded PA66 LG | Machined PA66 N |
|-------------|----------------|-------|------------------|-------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|-----------------|
|             | mm             | in    | mm               | in    | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |                |                 |
| Z6          | 164.5          | 6.48  | 177.0            | 7.00  | 20.0        | 0.80 | 40.0        | 1.60 | 63.0         | 2.50 | 52.5        | 2.10 | 101.5       | 4.00 |                | x               |
| Z8          | 215.2          | 8.47  | 227.6            | 9.00  | 20.0        | 0.80 | 50.0        | 2.00 | 73.5         | 2.90 | 80.6        | 3.20 | 126.8       | 5.00 |                | x               |
| Z10         | 266.7          | 10.50 | 279.0            | 11.00 | 20.0        | 0.80 | 50.0        | 2.00 | 73.5         | 2.90 | 108.0       | 4.30 | 152.5       | 6.00 |                | x               |

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: 15.0 mm/0.59 in  
Width of sprocket: 42.3 mm/1.67 in  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 1400 TAB/0412



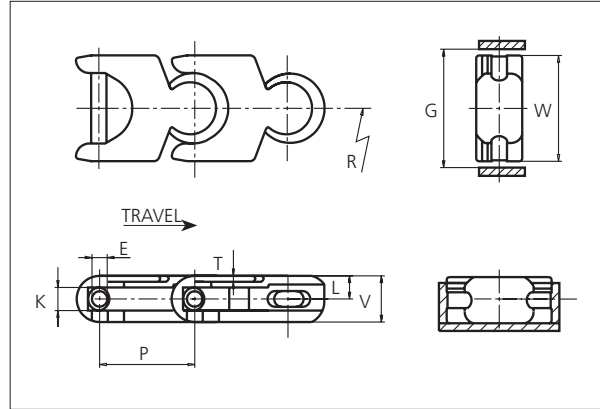
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# uni Flex Plastic Chain

## uni 1700



### 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)

Delivery: 6.1 m (20.0 ft)  
No. of links/box: 122

STANDARD

| E   |      | G    |      | K    |      | L    |      | P    |      | T   |      | V    |      |
|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   |
| 8.0 | 0.31 | 59.0 | 2.32 | 11.9 | 0.37 | 12.0 | 0.47 | 50.0 | 1.97 | 3.1 | 0.12 | 24.0 | 0.94 |

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   |
| 55.0      | 2.17 | POM-D <b>W</b><br>POM-D <b>G</b><br>POM-LF <b>W</b><br>POM-LF <b>BR</b><br>GR <b>K</b> | SS304        | 1.4    | 0.94  | 150.0           | 5.91 |

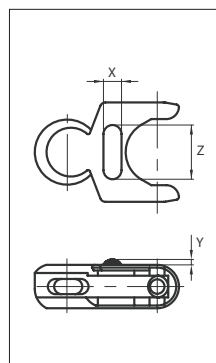
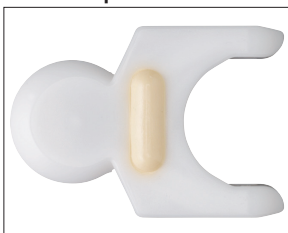
Non standard material and color: See uni Material and Color Overview.

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

UNI FLEX PLASTIC CHAIN

## Accessories

### Rubber Top



When ordering, please state the required distance between the Rubber Top.

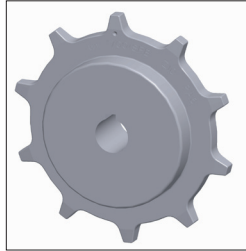
Other Non Standard rubber profiles:  
See uni Rubber Profile Overview

| Link material  | Rubber material | X    |      | Z    |      | Y   |      |
|----------------|-----------------|------|------|------|------|-----|------|
|                |                 | mm   | in   | mm   | in   | mm  | in   |
| POM-D <b>W</b> | 05 <b>I</b>     | 10.0 | 0.39 | 30.0 | 1.18 | 3.0 | 0.12 |

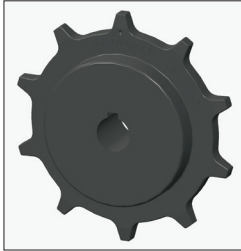
## Sprocket

| 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 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 | x              | x                | x               | x              |
| <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 | x              | x                | x               | x              |
| <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 | x              | x                | x               |                |
| <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 | x              | x                | x               |                |

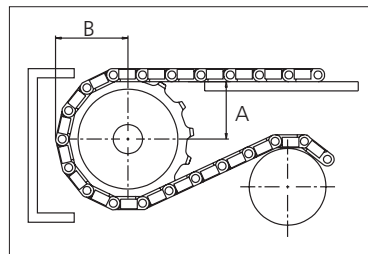
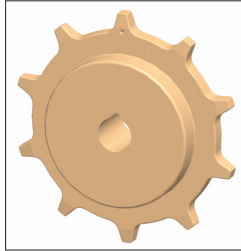
**Molded sprocket**



**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: 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

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

uni 1700/0412



Conveyor



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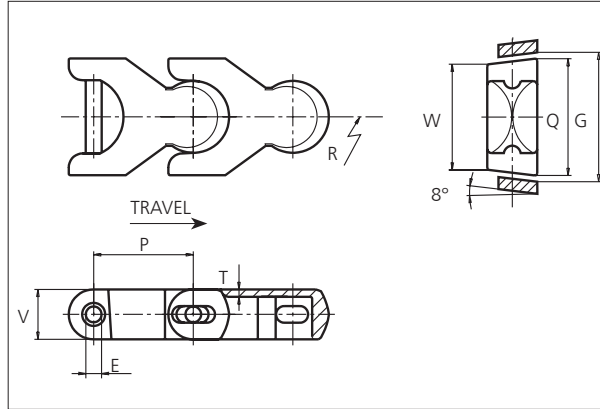
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# uni Flex Plastic Chain

## uni 1701



### 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)  
 Delivery: 6.1 m (20.0 ft)  
 No. of links/box: 122

STANDARD

| E   |      | G (curve) |      | G (straight) |      | P    |      | Q    |      | T   |      | V    |      |
|-----|------|-----------|------|--------------|------|------|------|------|------|-----|------|------|------|
| mm  | in   | mm        | in   | mm           | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   |
| 8.0 | 0.31 | 60.0      | 2.37 | 62.0         | 2.44 | 50.0 | 1.97 | 58.4 | 2.30 | 3.9 | 0.15 | 25.0 | 0.98 |

All dimensions are for chains in POM material.

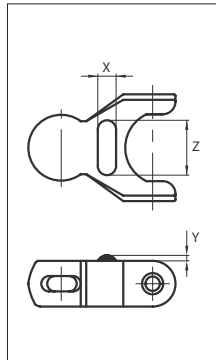
| Width (W) |      | Material & color                                     | Pin material | Weight |       | Min. radius (R) |      |
|-----------|------|------------------------------------------------------|--------------|--------|-------|-----------------|------|
| mm        | in   |                                                      |              | kg/m   | lb/ft | mm              | in   |
| 52.4      | 2.06 | POM-D <b>W</b><br>POM-D <b>G</b><br>POM-LF <b>BR</b> | SS304        | 1.5    | 1.01  | 150.0           | 5.91 |

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

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

### Accessories

#### Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:  
 See uni Rubber Profile Overview

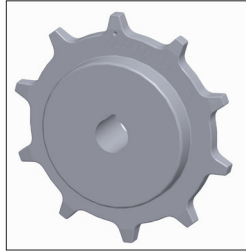
| Link material  | Rubber material | X    |      | Z    |      | Y   |      |
|----------------|-----------------|------|------|------|------|-----|------|
|                |                 | mm   | in   | mm   | in   | mm  | in   |
| POM-D <b>W</b> | 05 <b>I</b>     | 10.0 | 0.39 | 30.0 | 1.18 | 3.0 | 0.12 |

UNI FLEX PLASTIC CHAIN

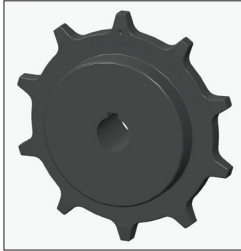
## Sprocket

| 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 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 | x              | x                | x               | x              |
| <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 | x              | x                | x               | x              |
| <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 | x              | x                | x               |                |
| <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 | x              | x                | x               |                |

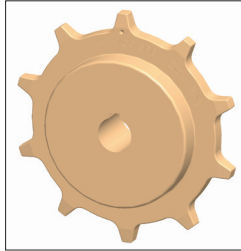
**Molded sprocket**



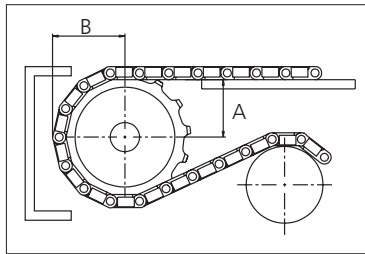
**Cast iron sprocket**



**Machined 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: 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

uni 1701/0412



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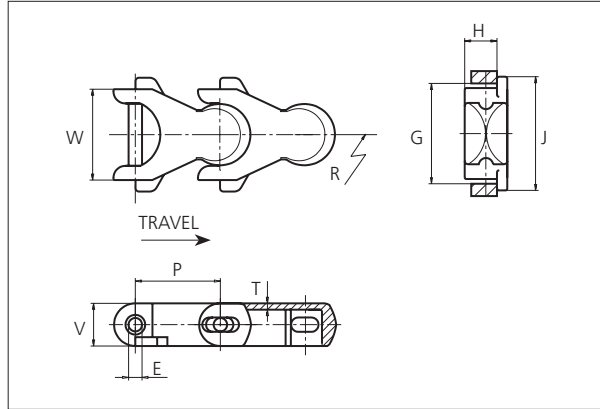
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# uni Flex Plastic Chain

## uni 1701 TAB



### 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)

Delivery: 6.1 m (20.0 ft)  
No. of links/box: 122

STANDARD

| E   |      | G    |      | H    |      | J    |      | P    |      | T   |      | V    |      |
|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   |
| 8.0 | 0.31 | 56.0 | 2.20 | 19.0 | 0.75 | 66.7 | 2.63 | 50.0 | 1.97 | 3.9 | 0.15 | 25.0 | 0.98 |

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   |
| 53.3      | 2.10 | POM-D <b>W</b><br>POM-D <b>G</b><br>POM-LF <b>BR</b> | <b>SS304</b> | 1.5    | 1.01  | 150.0           | 5.91 |

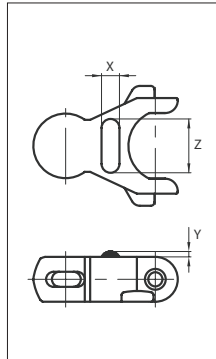
Non standard material and color: See uni Material and Color Overview.

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

UNI FLEX PLASTIC CHAIN

### Accessories

#### Rubber Top



When ordering, please state the required distance between the Rubber Top.

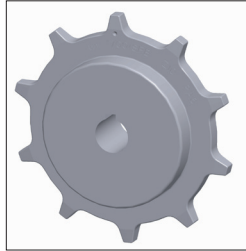
Other Non Standard rubber profiles:  
See uni Rubber Profile Overview

| Link material  | Rubber material | X    |      | Z    |      | Y   |      |
|----------------|-----------------|------|------|------|------|-----|------|
|                |                 | mm   | in   | mm   | in   | mm  | in   |
| POM-D <b>W</b> | 05 <b>I</b>     | 10.0 | 0.39 | 30.0 | 1.18 | 3.0 | 0.12 |

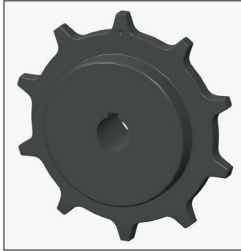
## Sprocket

| 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 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 | x              | x                | x               | x              |
| <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 | x              | x                | x               | x              |
| <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 | x              | x                | x               |                |
| <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 | x              | x                | x               |                |

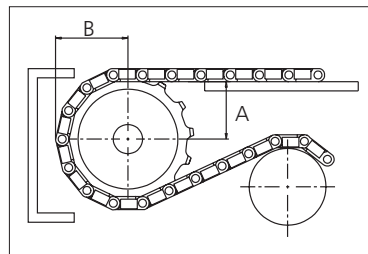
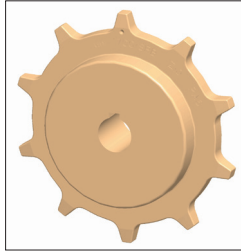
**Molded sprocket**



**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: 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

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

uni 1701 TAB/0412



Conveyor



Seamless



Modular



Timing



Transmission



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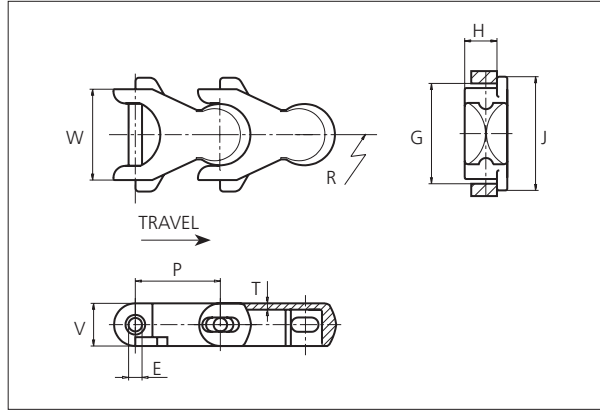
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# uni Flex Plastic Chain

## uni 1701 TAB-R



### 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)

Delivery: 6.1 m (20.0 ft)  
No. of links/box: 122

STANDARD

| E   |      | G    |      | H    |      | J    |      | P    |      | T   |      | V    |      |
|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   |
| 8.0 | 0.31 | 53.2 | 2.20 | 19.0 | 0.75 | 66.7 | 2.63 | 50.0 | 1.97 | 3.9 | 0.15 | 25.0 | 0.98 |

All dimensions are for chains in POM material.

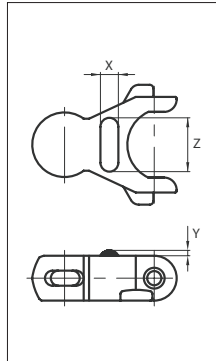
| Width (W) |      | Material & color | Pin material | Weight |       | Min. radius (R) |      |
|-----------|------|------------------|--------------|--------|-------|-----------------|------|
| mm        | in   |                  |              | kg/m   | lb/ft | mm              | in   |
| 53.2      | 2.09 | POM-LF <b>BR</b> | <b>SS304</b> | 1.5    | 1.01  | 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.

### Accessories

#### Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:  
See uni Rubber Profile Overview

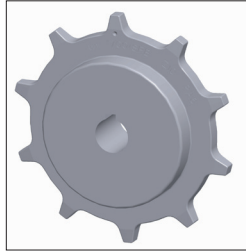
| Link material    | Rubber material | X    |      | Z    |      | Y   |      |
|------------------|-----------------|------|------|------|------|-----|------|
|                  |                 | mm   | in   | mm   | in   | mm  | in   |
| POM-LF <b>BR</b> | 05 <b>I</b>     | 10.0 | 0.39 | 30.0 | 1.18 | 3.0 | 0.12 |

UNI FLEX PLASTIC CHAIN

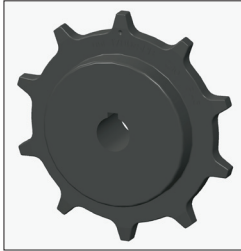
## Sprocket

| 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 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 | x              | x                | x               | x              |
| <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 | x              | x                | x               | x              |
| <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 | x              | x                | x               |                |
| <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 | x              | x                | x               |                |

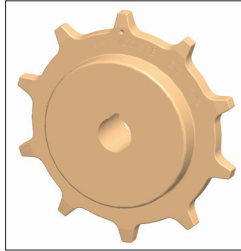
**Molded sprocket**



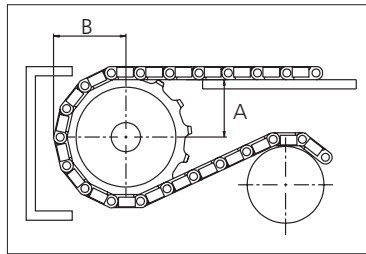
**Cast iron sprocket**



**Machined 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: 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

uni 1701 TAB-R/0412



Conveyor



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Modular



Timing



Transmission



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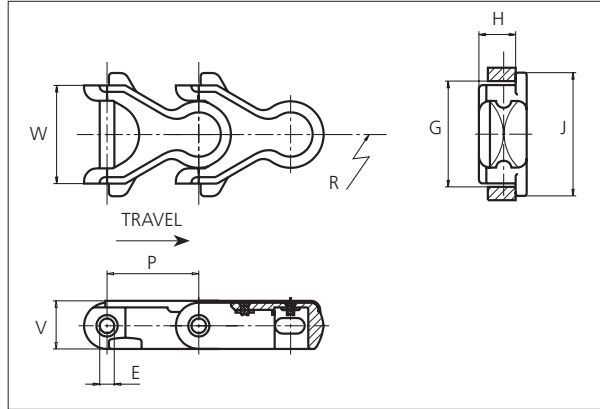
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# uni Flex Plastic Chain

## uni 1701 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)  
  
 Delivery: 6.1 m (20.0 ft)  
 No. of links/box: 122

| 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.

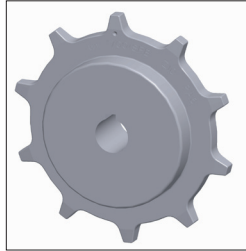
NON STANDARD

UNI FLEX PLASTIC CHAIN

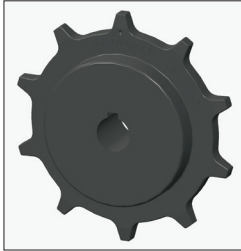
## Sprocket

| 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 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 | x              | x                | x               | x              |
| <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 | x              | x                | x               | x              |
| <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 | x              | x                | x               |                |
| <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 | x              | x                | x               |                |

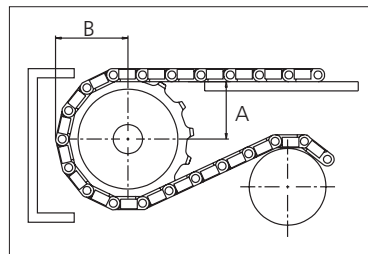
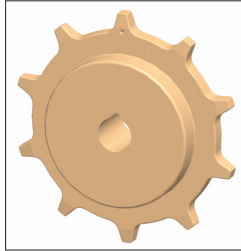
**Molded sprocket**



**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: 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

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

uni 1701 TAB-R-ST/0412



Conveyor



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Modular



Timing



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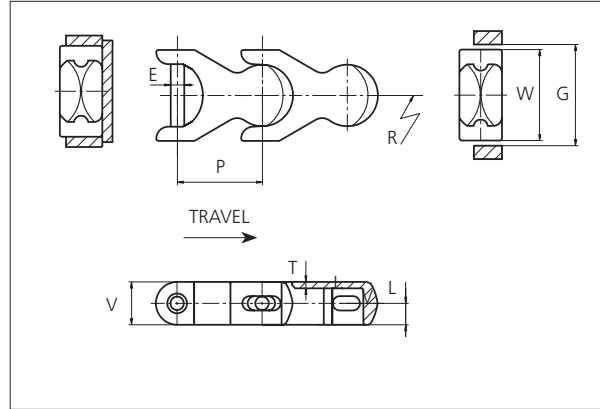
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# uni Flex Plastic Chain

## uni 1702



### 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)

Delivery: 6.1 m (20.0 ft)  
No. of links/box: 122

STANDARD

| E   |       | G    |      | L    |      | P    |      | T   |      | V    |      |
|-----|-------|------|------|------|------|------|------|-----|------|------|------|
| mm  | in    | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   |
| 8.0 | 56.90 | 59.0 | 2.24 | 12.7 | 0.50 | 50.0 | 1.97 | 3.5 | 0.14 | 25.0 | 0.98 |

All dimensions are for chains in POM material.

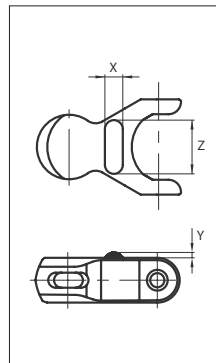
| Width (W) |      | Material & color                                                       | Pin material | Weight |       | Min. radius (R) |      |
|-----------|------|------------------------------------------------------------------------|--------------|--------|-------|-----------------|------|
| mm        | in   |                                                                        |              | kg/m   | lb/ft | mm              | in   |
| 53.3      | 2.10 | POM-D <b>W</b><br>POM-D <b>G</b><br>POM-D <b>BR</b><br>POM-D <b>DG</b> | SS304        | 1.5    | 1.01  | 150.0           | 5.91 |

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

UNI FLEX PLASTIC CHAIN

### Accessories

#### Rubber Top



When ordering, please state the required distance between the Rubber Top.

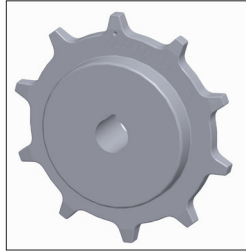
Other Non Standard rubber profiles:  
See uni Rubber Profile Overview

| Link material  | Rubber material | X    |      | Z    |      | Y   |      |
|----------------|-----------------|------|------|------|------|-----|------|
|                |                 | mm   | in   | mm   | in   | mm  | in   |
| POM-D <b>W</b> | 05 <b>I</b>     | 10.0 | 0.39 | 30.0 | 1.18 | 3.0 | 0.12 |

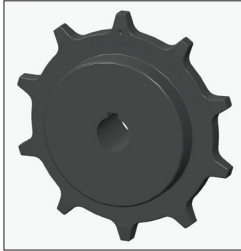
## Sprocket

| 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 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 | x              | x                | x               | x              |
| <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 | x              | x                | x               | x              |
| <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 | x              | x                | x               |                |
| <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 | x              | x                | x               |                |

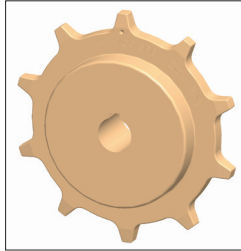
**Molded sprocket**



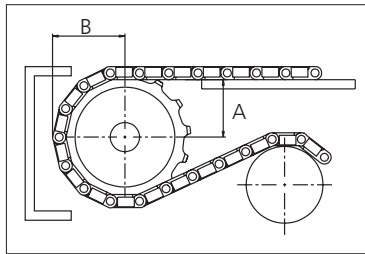
**Cast iron sprocket**



**Machined 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: 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

uni 1702/0412



Conveyor



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Modular



Timing



Transmission



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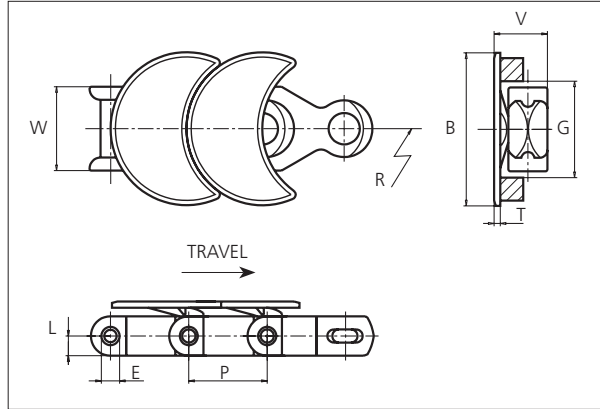
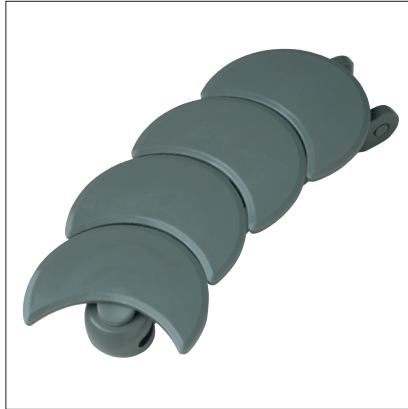
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# uni Flex Plastic Chain

## uni 1702 H



### uni Flex Plastic Chain

Side flexing chain  
Pitch: 50.0 mm (1.97 in)  
Permissible tensile strength:  
POM material 4000 N (899 lbf)

Delivery: 3.05 m (10.0 ft)  
No. of links/box: 61

| B    |      | E   |      | G    |      | L    |      | P    |      | T   |      | V    |      |
|------|------|-----|------|------|------|------|------|------|------|-----|------|------|------|
| mm   | in   | mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   |
| 98.0 | 3.86 | 8.0 | 0.31 | 56.9 | 2.24 | 12.7 | 0.50 | 50.0 | 1.97 | 4.0 | 0.16 | 35.0 | 1.38 |

All dimensions are for chains in POM material.

| Width (W) |      | Recommended<br>base material & color                | Recommended<br>plate material                       | Weight |       | Min. radius (R) |      |
|-----------|------|-----------------------------------------------------|-----------------------------------------------------|--------|-------|-----------------|------|
| mm        | in   |                                                     |                                                     | kg/m   | lb/ft | mm              | in   |
| 53.3      | 2.10 | POM-D <b>W</b><br>POM-D <b>G</b><br>POM-D <b>BR</b> | POM-D <b>W</b><br>POM-D <b>G</b><br>POM-D <b>BR</b> | -      | -     | 150.0           | 5.91 |

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

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

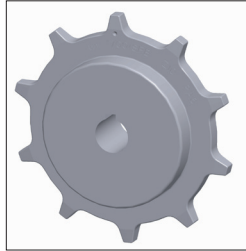
NON STANDARD

UNI FLEX PLASTIC CHAIN

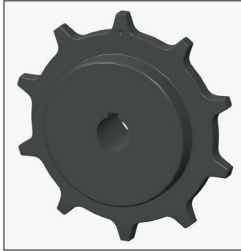
## Sprocket

| 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 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 | x              | x                | x               | x              |
| <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 | x              | x                | x               | x              |
| <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 | x              | x                | x               |                |
| <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 | x              | x                | x               |                |

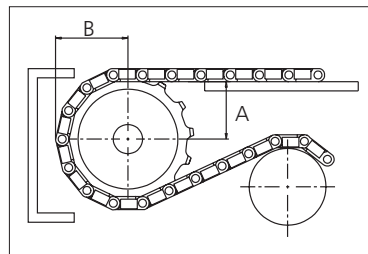
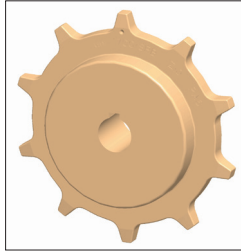
**Molded sprocket**



**Cast iron sprocket**



**Machined sprocket**



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

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

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

uni 1702 H/0412



Conveyor



Seamless



Modular



Timing



Transmission



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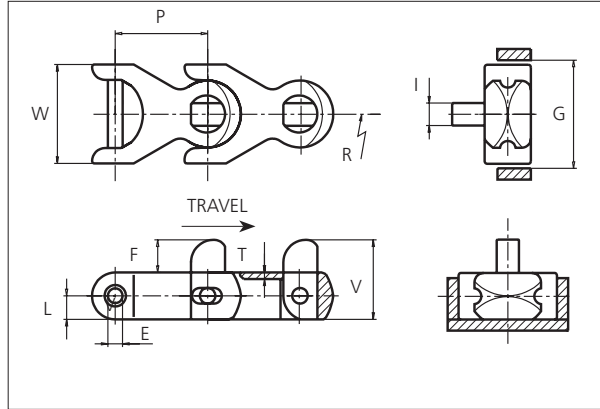
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# uni Flex Plastic Chain

## uni 1702 M



### uni Flex Plastic Chain

Side flexing chain  
Pitch: 50.0 mm (1.97 in)  
Backflex radius: 125.0 mm (4.90 in)  
Permissible tensile strength:  
POM material 4000 N (899 lbf)

Delivery: 6.1 m (20.0 ft)  
No. of links/box: 122

STANDARD

| E   |      | F    |      | I    |      | L    |      | P    |      | T   |      | V    |      |
|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   |
| 8.0 | 0.31 | 17.5 | 0.69 | 12.0 | 0.47 | 12.7 | 0.50 | 50.0 | 1.97 | 3.5 | 0.14 | 42.5 | 1.67 |

All dimensions are for chains in POM material.

| Width (W) |      | Base material & color | Peg material                     | Pin material | Weight |       | Min. radius (R) |      |
|-----------|------|-----------------------|----------------------------------|--------------|--------|-------|-----------------|------|
| mm        | in   |                       |                                  |              | kg/m   | lb/ft | mm              | in   |
| 53.3      | 2.10 | POM-D <b>W</b>        | POM-D <b>W</b><br>POM-D <b>G</b> | <b>SS304</b> | 1.5    | 1.01  | 150.0           | 5.91 |

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

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

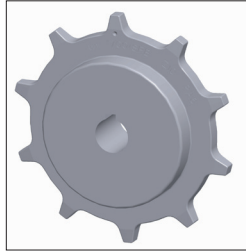
**When ordering, please state the required distance between the pegs.**

UNI FLEX PLASTIC CHAIN

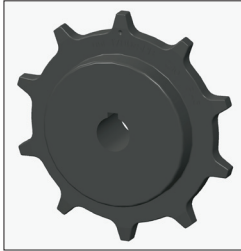
## Sprocket

| 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 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 | x              | x                | x               | x              |
| <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 | x              | x                | x               | x              |
| <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 | x              | x                | x               |                |
| <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 | x              | x                | x               |                |

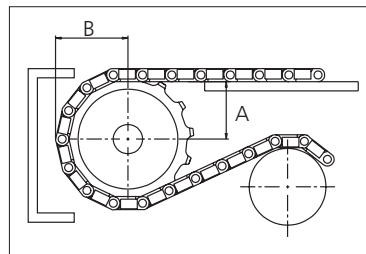
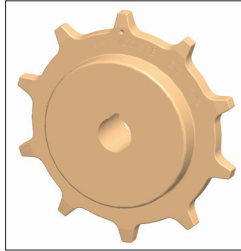
**Molded sprocket**



**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: 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

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

uni 1702 M/0412



Conveyor



Seamless



Modular



Timing



Transmission



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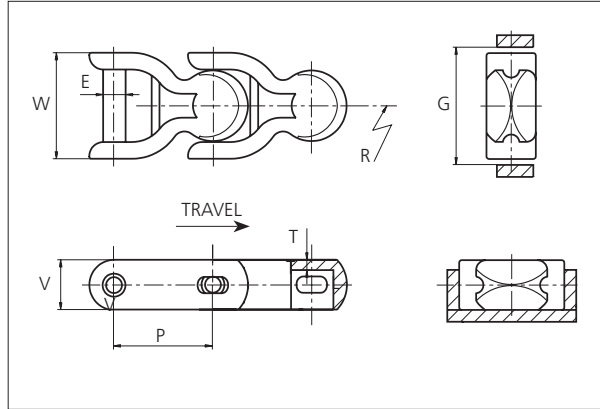
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# uni Flex Plastic Chain

## uni 1703



### 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)  
 AR material 2800 N (630 lbf)  
  
 Delivery: 6.1 m (20.0 ft)  
 No. of links/box: 122

STANDARD

| E   |      | G    |      | P    |      | T   |      | V    |      |
|-----|------|------|------|------|------|-----|------|------|------|
| mm  | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   |
| 8.0 | 0.31 | 56.9 | 2.24 | 50.0 | 1.97 | 4.0 | 0.16 | 25.0 | 0.98 |

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   |
| 53.3      | 2.10 | POM-D <b>W</b><br>AR <b>W</b> | <b>SS304</b> | 1.4    | 0.94  | 150.0           | 5.91 |

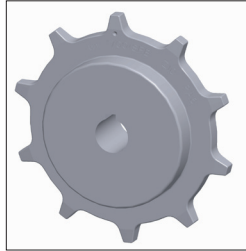
Non standard material and color: See uni Material and Color Overview.  
 Non standard pin material: See uni Material and Color Overview.

UNI FLEX PLASTIC CHAIN

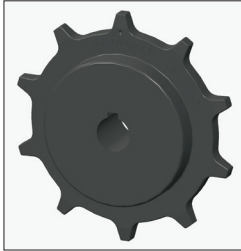
## Sprocket

| 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 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 | x              | x                | x               | x              |
| <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 | x              | x                | x               | x              |
| <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 | x              | x                | x               |                |
| <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 | x              | x                | x               |                |

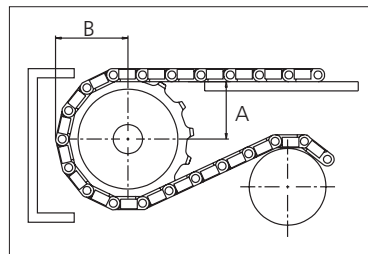
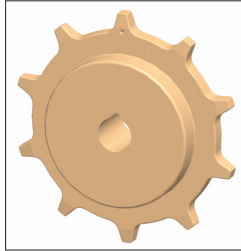
**Molded sprocket**



**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: 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

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

uni 1703/0412



Conveyor



Seamless



Modular



Timing



Transmission



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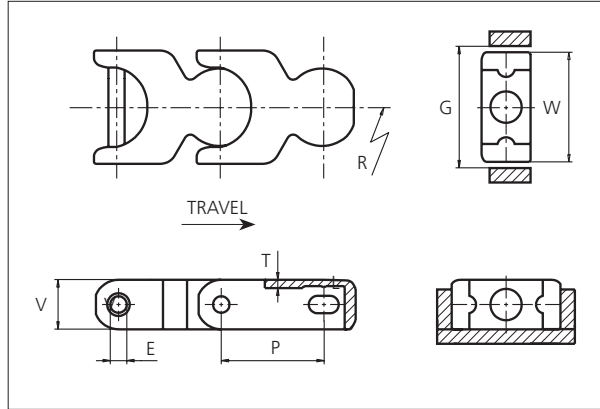
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# uni Flex Plastic Chain

## uni 1704



### 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)

Delivery: 6.1 m (20.0 ft)  
No. of links/box: 122

STANDARD

| E   |      | G    |      | P    |      | T   |      | V    |      |
|-----|------|------|------|------|------|-----|------|------|------|
| mm  | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   |
| 8.0 | 0.31 | 56.9 | 2.24 | 50.0 | 1.97 | 4.0 | 0.16 | 23.9 | 0.94 |

All dimensions are for chains in POM material.

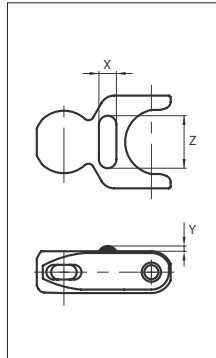
| Width (W) |      | Material & color                 | Pin material | Weight |       | Min. radius (R) |      |
|-----------|------|----------------------------------|--------------|--------|-------|-----------------|------|
| mm        | in   |                                  |              | kg/m   | lb/ft | mm              | in   |
| 53.3      | 2.10 | POM-D <b>W</b><br>POM-D <b>G</b> | <b>SS304</b> | 1.3    | 0.87  | 137.5           | 5.41 |

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

UNI FLEX PLASTIC CHAIN

### Accessories

#### Rubber Top



When ordering, please state the required distance between the Rubber Top.

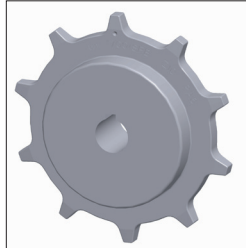
Other Non Standard rubber profiles:  
See uni Rubber Profile Overview

| Link material  | Rubber material | X    |      | Z    |      | Y   |      |
|----------------|-----------------|------|------|------|------|-----|------|
|                |                 | mm   | in   | mm   | in   | mm  | in   |
| POM-D <b>W</b> | 05 <b>I</b>     | 10.0 | 0.39 | 30.0 | 1.18 | 3.0 | 0.12 |

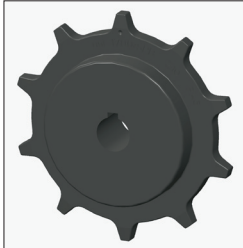
## Sprocket

| 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 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 | x              | x                | x               | x              |
| <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 | x              | x                | x               | x              |
| <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 | x              | x                | x               |                |
| <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 | x              | x                | x               |                |

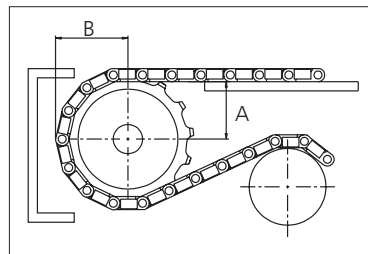
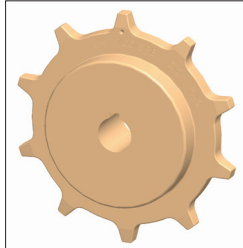
**Molded sprocket**



**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: 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

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

uni 1704/0412



Conveyor



Seamless



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Transmission



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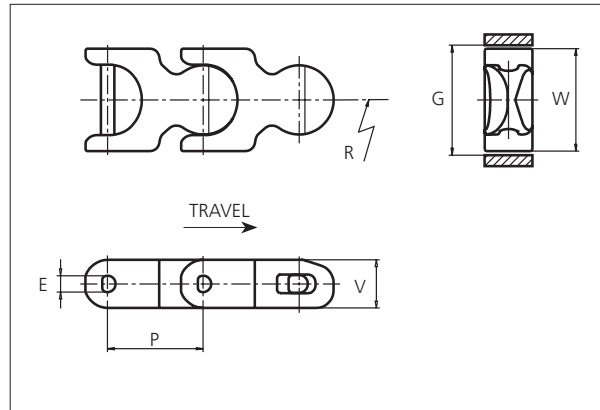
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# uni Flex Plastic Chain

## uni 1705



### 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 3100 N (689 lbf)

Delivery: 6.1 m (20.0 ft)  
No. of links/box: 122

STANDARD

| E   |      | G    |      | P    |      | V    |      |
|-----|------|------|------|------|------|------|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   |
| 8.7 | 0.34 | 57.0 | 2.24 | 50.0 | 1.97 | 25.0 | 0.98 |

All dimensions are for chains in POM material.

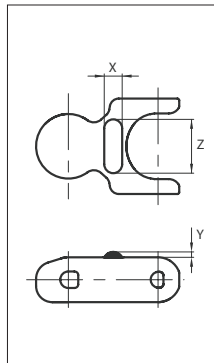
| Width (W) |      | Material & color | Pin material | Weight |       | Min. radius (R) |      |
|-----------|------|------------------|--------------|--------|-------|-----------------|------|
| mm        | in   |                  |              | kg/m   | lb/ft | mm              | in   |
| 53.2      | 2.09 | POM-D <b>W</b>   | <b>SS304</b> | 1.4    | 0.94  | 136.0           | 5.35 |

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

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

### Accessories

#### Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:  
See uni Rubber Profile Overview

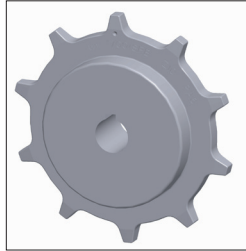
| Link material  | Rubber material | X    |      | Z    |      | Y   |      |
|----------------|-----------------|------|------|------|------|-----|------|
|                |                 | mm   | in   | mm   | in   | mm  | in   |
| POM-D <b>W</b> | 05 <b>I</b>     | 10.0 | 0.39 | 30.0 | 1.18 | 3.0 | 0.12 |

UNI FLEX PLASTIC CHAIN

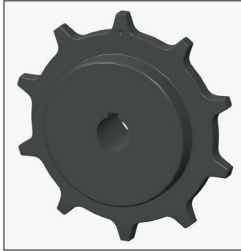
## Sprocket

| 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 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 | x              | x                | x               | x              |
| <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 | x              | x                | x               | x              |
| <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 | x              | x                | x               |                |
| <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 | x              | x                | x               |                |

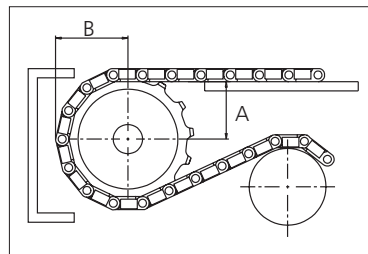
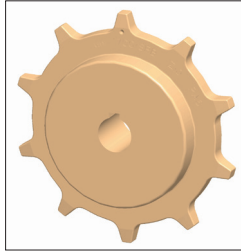
**Molded sprocket**



**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: 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

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

uni 1705/0412



Conveyor



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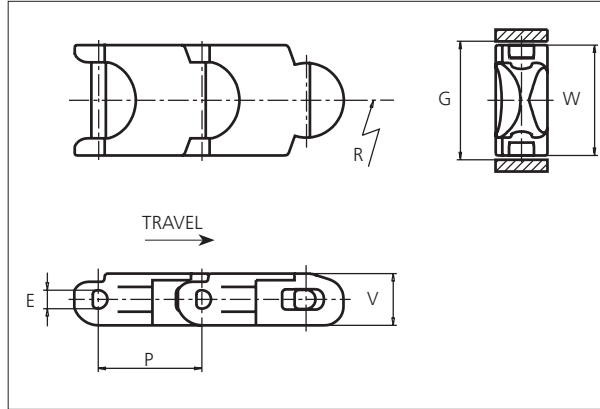
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# uni Flex Plastic Chain

## uni 1706



### uni Flex Plastic Chain

Side flexing chain  
Pitch: 50.0 mm (1.97 in)  
Backflex radius: 120.0 mm (4.70 in)  
Permissible tensile strength:  
POM material 3100 N (689 lbf)

Delivery: 6.1 m (20.0 ft)  
No. of links/box: 122

STANDARD

| E   |      | G    |      | P    |      | V    |      |
|-----|------|------|------|------|------|------|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   |
| 8.7 | 0.34 | 57.0 | 2.24 | 50.0 | 1.97 | 24.0 | 0.95 |

All dimensions are for chains in POM material.

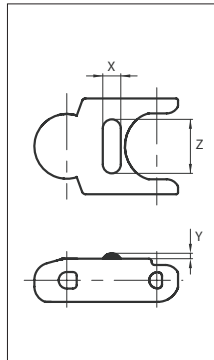
| Width (W) |      | Material & color | Pin material | Weight |       | Min. radius (R) |      |
|-----------|------|------------------|--------------|--------|-------|-----------------|------|
| mm        | in   |                  |              | kg/m   | lb/ft | mm              | in   |
| 53.2      | 2.09 | POM-D <b>W</b>   | <b>SS304</b> | 1.4    | 0.94  | 150.0           | 5.91 |

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

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

### Accessories

#### Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:  
See uni Rubber Profile Overview

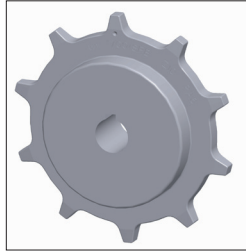
| Link material  | Rubber material | X    |      | Z    |      | Y   |      |
|----------------|-----------------|------|------|------|------|-----|------|
|                |                 | mm   | in   | mm   | in   | mm  | in   |
| POM-D <b>W</b> | 05 <b>I</b>     | 10.0 | 0.39 | 30.0 | 1.18 | 3.0 | 0.12 |

UNI FLEX PLASTIC CHAIN

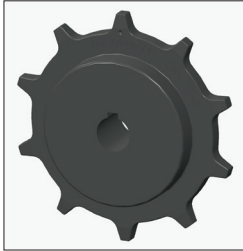
## Sprocket

| 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 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 | x              | x                | x               | x              |
| <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 | x              | x                | x               | x              |
| <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 | x              | x                | x               |                |
| <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 | x              | x                | x               |                |

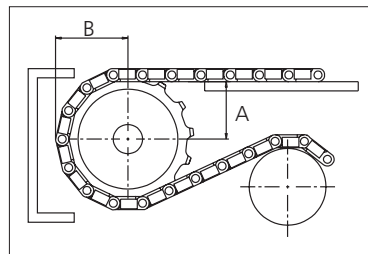
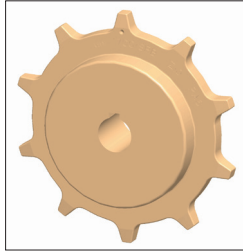
**Molded sprocket**



**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: 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

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

uni 1706/0412



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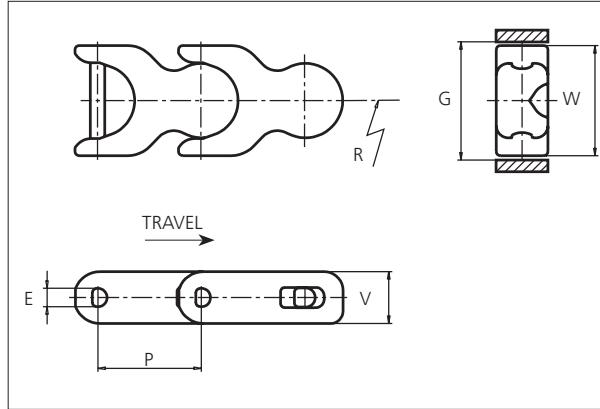
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# uni Flex Plastic Chain

## uni 1707



### uni Flex Plastic Chain

Side flexing chain  
Pitch: 50.0 mm (1.97 in)  
Backflex radius: 70.0 mm (2.80 in)  
Permissible tensile strength:  
POM material 3200 N (719 lbf)

Delivery: 6.1 m (20.0 ft)  
No. of links/box: 122

| E   |      | G    |      | P    |      | V    |      |
|-----|------|------|------|------|------|------|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   |
| 8.7 | 0.34 | 57.0 | 2.24 | 50.0 | 1.97 | 25.0 | 0.98 |

All dimensions are for chains in POM material.

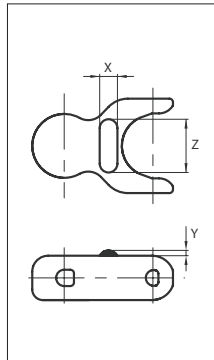
| Width (W) |      | Recommended material & color | Recommended Pin material | Weight |       | Min. radius (R) |      |
|-----------|------|------------------------------|--------------------------|--------|-------|-----------------|------|
| mm        | in   |                              |                          | kg/m   | lb/ft | mm              | in   |
| 53.2      | 2.09 | POM-D <b>W</b>               | <b>SS304</b>             | -      | -     | 135.0           | 5.31 |

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

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

### Accessories

#### Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:  
See uni Rubber Profile Overview

| Link material  | Rubber material | X    |      | Z    |      | Y   |      |
|----------------|-----------------|------|------|------|------|-----|------|
|                |                 | mm   | in   | mm   | in   | mm  | in   |
| POM-D <b>W</b> | 05 <b>I</b>     | 10.0 | 0.39 | 30.0 | 1.18 | 3.0 | 0.12 |

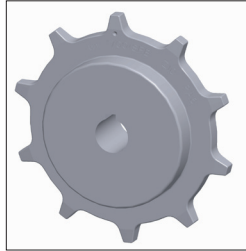
NON STANDARD

UNI FLEX PLASTIC CHAIN

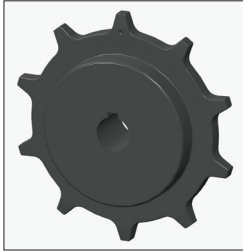
## Sprocket

| 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 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 | x              | x                | x               | x              |
| <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 | x              | x                | x               | x              |
| <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 | x              | x                | x               |                |
| <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 | x              | x                | x               |                |

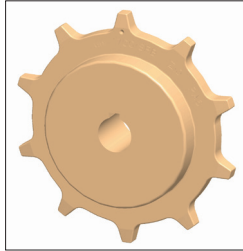
**Molded sprocket**



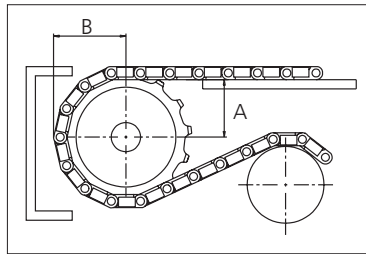
**Cast iron sprocket**



**Machined 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: 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

uni 1707/0412



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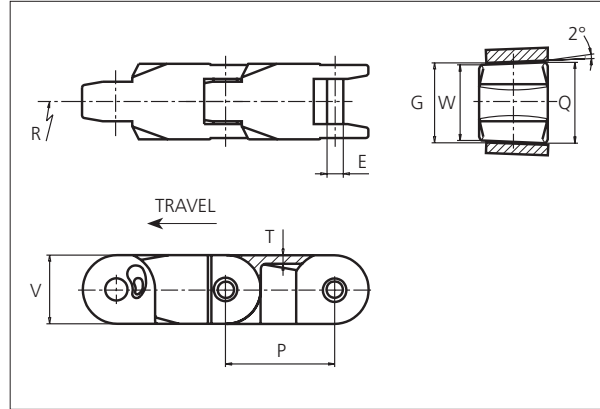
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# uni Flex Plastic Chain

## uni 2500



### uni Flex Plastic Chain

Side flexing chain  
Pitch: 63.5 mm (2.50 in)  
Backflex radius: 75.0 mm (3.00 in)  
Permissible tensile strength:  
POM material 7500 N (1686 lbf)

Delivery: 6.1 m (20.0 ft)  
No. of links/box: 96

STANDARD

| E   |      | G    |      | P    |      | Q    |      | T   |      | V    |      |
|-----|------|------|------|------|------|------|------|-----|------|------|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   |
| 9.5 | 0.37 | 46.4 | 1.83 | 63.5 | 2.50 | 47.0 | 1.85 | 5.0 | 0.20 | 40.0 | 1.57 |

All dimensions are for chains in POM material.

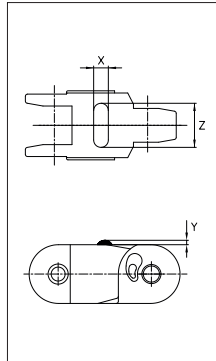
| Width (W) |      | Material & color | Pin material | Weight |       | Min. radius (R) |       |
|-----------|------|------------------|--------------|--------|-------|-----------------|-------|
| mm        | in   |                  |              | kg/m   | lb/ft | mm              | in    |
| 44.0      | 1.73 | POM-D <b>W</b>   | <b>SS304</b> | 2.0    | 1.34  | 600.0           | 23.62 |

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

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

### Accessories

#### Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:  
See uni Rubber Profile Overview

| Link material  | Rubber material | Z    |      | X    |      | Y   |      |
|----------------|-----------------|------|------|------|------|-----|------|
|                |                 | mm   | in   | mm   | in   | mm  | in   |
| POM-D <b>W</b> | 05 <b>I</b>     | 30.0 | 1.18 | 10.0 | 0.39 | 3.0 | 0.12 |

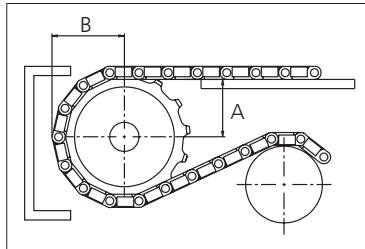
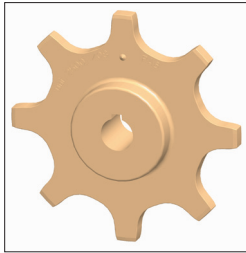
UNI FLEX PLASTIC CHAIN

## Sprocket

| No of teeth | Pitch diameter |       | Overall-diameter |       | Min. ø bore |     | Max. ø bore |     | Hub-diameter |     | A-dimension |     | B-dimension |     | Molded PA66 LG | Machined PA66 N |
|-------------|----------------|-------|------------------|-------|-------------|-----|-------------|-----|--------------|-----|-------------|-----|-------------|-----|----------------|-----------------|
|             | mm             | in    | mm               | in    | mm          | in  | mm          | in  | mm           | in  | mm          | in  | mm          | in  |                |                 |
| <b>Z6</b>   | 126.7          | 4.99  | 136.0            | 5.35  | 20.00       | 0.8 | 40.00       | 1.6 | 63.00        | 2.5 | 35.00       | 1.4 | 83.30       | 3.3 |                | x               |
| <b>Z8</b>   | 165.7          | 6.52  | 176.0            | 6.93  | 20.00       | 0.8 | 40.00       | 1.6 | 73.50        | 2.9 | 56.70       | 2.2 | 102.80      | 4.0 |                | x               |
| <b>Z15</b>  | 305.3          | 12.02 | 317.4            | 12.50 | 20.00       | 0.8 | 40.00       | 1.6 | 73.50        | 2.9 | 129.40      | 5.1 | 172.70      | 6.8 |                | x               |

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: 11.0 mm/0.43 in  
Width of sprocket: 42.3 mm/1.66 in  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 2500/0412



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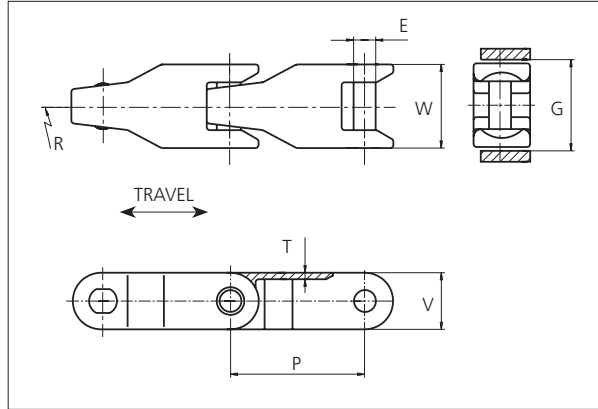
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# uni Flex Plastic Chain

## uni 2600-C



### uni Flex Plastic Chain

Side flexing chain  
Pitch: 63.5 mm (2.50 in)  
Backflex radius: 75.0 mm (3.00 in)  
Permissible tensile strength:  
POM material 6000 N (1686 lbf)

Delivery: 6.1 m (20.0 ft)  
No. of links/box: 96

STANDARD

| E    |      | G    |      | P    |      | T   |      | V    |      |
|------|------|------|------|------|------|-----|------|------|------|
| mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   |
| 11.0 | 0.43 | 44.5 | 1.75 | 63.5 | 2.50 | 3.5 | 0.14 | 28.4 | 1.12 |

All dimensions are for chains in POM material.

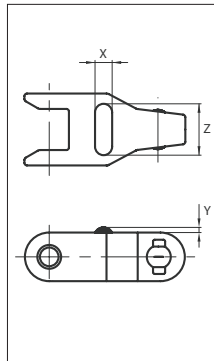
| Width (W) |      | Material & color                 | Pin material | Weight |       | Min. radius (R) |       |
|-----------|------|----------------------------------|--------------|--------|-------|-----------------|-------|
| mm        | in   |                                  |              | kg/m   | lb/ft | mm              | in    |
| 42.0      | 1.65 | POM-D <b>W</b><br>POM-D <b>G</b> | <b>SS304</b> | 1.4    | 0.94  | 600.0           | 23.62 |

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

UNI FLEX PLASTIC CHAIN

### Accessories

#### Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:  
See uni Rubber Profile Overview.

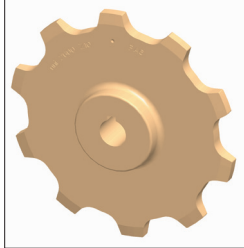
| Link material  | Rubber material | Z    |      | X    |      | Y   |      |
|----------------|-----------------|------|------|------|------|-----|------|
|                |                 | mm   | in   | mm   | in   | mm  | in   |
| POM-D <b>W</b> | 05 <b>I</b>     | 30.0 | 1.18 | 10.0 | 0.39 | 3.0 | 0.12 |

## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | PA66 LG | Cast iron | SS304    |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------|-----------|----------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded  | Molded    | Machined |
| <b>Z6</b>   | 127.0          | 5.00 | 128.0            | 5.04 | 20.0        | 0.79 | 40.0        | 1.57 | 63.0         | 2.48 | 40.8        | 1.61 | 78.1        | 3.07 | x       | x         |          |
| <b>Z8</b>   | 165.9          | 6.53 | 168.9            | 6.65 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 62.5        | 2.46 | 97.5        | 3.84 | x       | x         | x        |
| <b>Z10</b>  | 205.5          | 8.09 | 210.5            | 8.29 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 83.5        | 3.29 | 117.2       | 4.61 | x       | x         |          |
| <b>Z11</b>  | 225.4          | 8.87 | 231.4            | 9.11 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 93.9        | 3.70 | 127.1       | 5.00 | x       | x         |          |

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

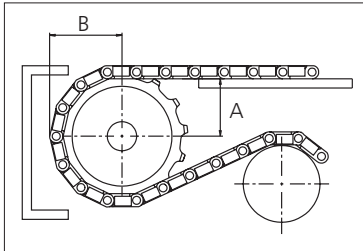
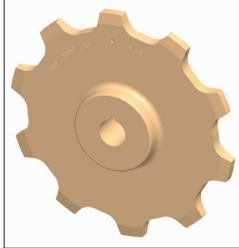
**Machined sprocket**



**Cast iron sprocket**



**SS304 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/1.66 in  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 2600-C/0412



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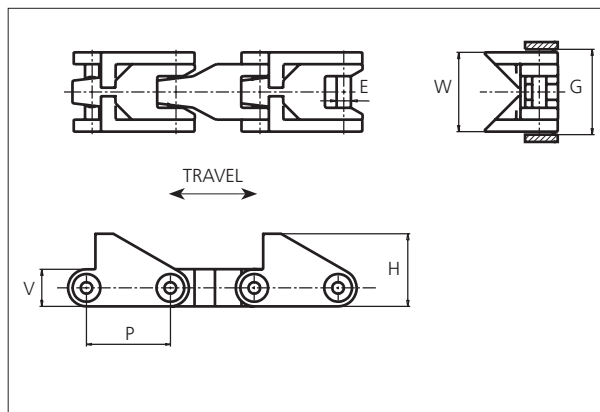
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# uni Flex Plastic Chain

## uni 2600-CV



### uni Flex Plastic Chain

Side flexing chain  
Pitch: 63.5 mm (2.50 in)  
Backflex radius: 75.0 mm (3.00 in)  
Permissible tensile strength:  
POM material: 6000 N (1349 lbf)

Delivery: 6.1 m (20.0 ft)  
No. of links/box: 96

| E    |      | G    |      | H    |      | P    |      | V    |      |
|------|------|------|------|------|------|------|------|------|------|
| mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   |
| 11.0 | 0.43 | 64.0 | 2.52 | 55.0 | 2.17 | 63.5 | 2.50 | 28.4 | 1.12 |

All dimensions are for chains in POM material.

| Width (W) |      | Recommended Material & color | Recommended Pin material | Weight |       |
|-----------|------|------------------------------|--------------------------|--------|-------|
| mm        | in   |                              |                          | kg/m   | lb/ft |
| 61.5      | 2.42 | POM-D <b>W</b>               | <b>SS304</b>             | 2.1    | 1.41  |

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

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

NON STANDARD

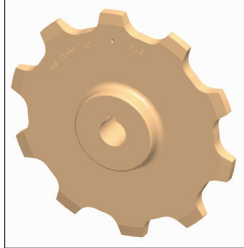
UNI FLEX PLASTIC CHAIN

## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | PA66 LG | Cast iron | SS304    |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------|-----------|----------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded  | Molded    | Machined |
| <b>Z6</b>   | 127.0          | 5.00 | 128.0            | 5.04 | 20.0        | 0.79 | 40.0        | 1.57 | 63.0         | 2.48 | 40.8        | 1.61 | 78.1        | 3.07 | x       | x         |          |
| <b>Z8</b>   | 165.9          | 6.53 | 168.9            | 6.65 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 62.5        | 2.46 | 97.5        | 3.84 | x       | x         | x        |
| <b>Z10</b>  | 205.5          | 8.09 | 210.5            | 8.29 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 83.5        | 3.29 | 117.2       | 4.61 | x       | x         |          |
| <b>Z11</b>  | 225.4          | 8.87 | 231.4            | 9.11 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 93.9        | 3.70 | 127.1       | 5.00 | x       | x         |          |

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

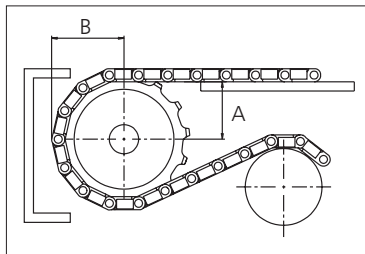
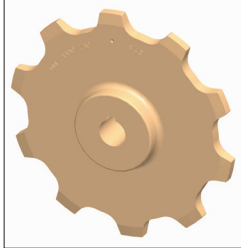
**Machined sprocket**



**Cast iron sprocket**



**SS304 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/1.66 in  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 2600-CV/0412



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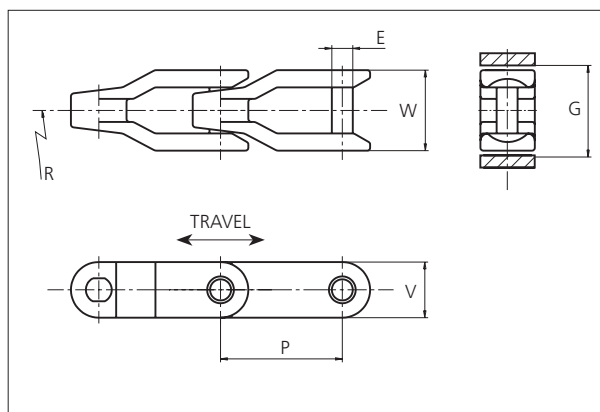
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# uni Flex Plastic Chain

## uni 2600-O



### uni Flex Chains

Side flexing chain  
 Pitch: 63.5 mm (2.50 in)  
 Backflex radius: 75.0 mm (3.00 in)  
 Permissible tensile strength:  
 POM material: 6000 N (1349 lbf)

Delivery: 6.1 m (20.0 ft)  
 No. of links/box: 96

| E    |      | G    |      | P    |      | V    |      |
|------|------|------|------|------|------|------|------|
| mm   | in   | mm   | in   | mm   | in   | mm   | in   |
| 11.0 | 0.43 | 44.5 | 1.75 | 63.5 | 2.50 | 28.4 | 1.12 |

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    |
| 42.0      | 1.65 | POM-D <b>W</b><br>POM-D <b>G</b> | <b>SS304</b> | 1.3    | 0.87  | 600             | 23.62 |

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

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

STANDARD

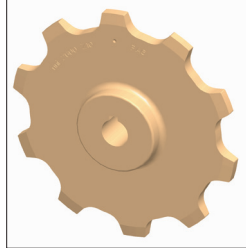
UNI FLEX PLASTIC CHAIN

## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | PA66 LG | Cast iron | SS304    |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------|-----------|----------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded  | Molded    | Machined |
| <b>Z6</b>   | 127.0          | 5.00 | 128.0            | 5.04 | 20.0        | 0.79 | 40.0        | 1.57 | 63.0         | 2.48 | 40.8        | 1.61 | 78.1        | 3.07 | x       | x         |          |
| <b>Z8</b>   | 165.9          | 6.53 | 168.9            | 6.65 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 62.5        | 2.46 | 97.5        | 3.84 | x       | x         | x        |
| <b>Z10</b>  | 205.5          | 8.09 | 210.5            | 8.29 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 83.5        | 3.29 | 117.2       | 4.61 | x       | x         |          |
| <b>Z11</b>  | 225.4          | 8.87 | 231.4            | 9.11 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 93.9        | 3.70 | 127.1       | 5.00 | x       | x         |          |

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

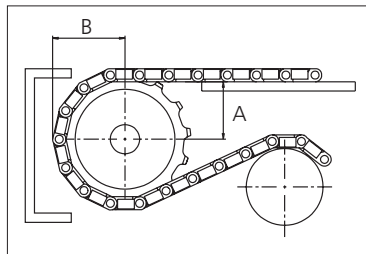
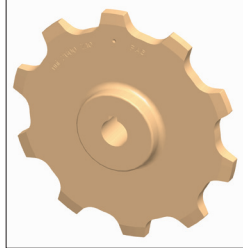
**Machined sprocket**



**Cast iron sprocket**



**SS304 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/1.66 in  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 2600-O/0412



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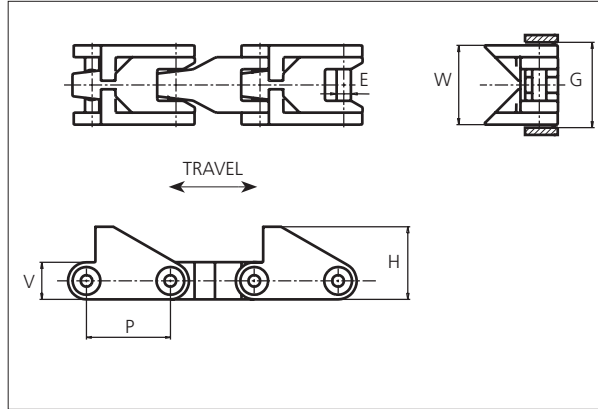
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# uni Flex Plastic Chain

## uni 2600-OV



### uni Flex Plastic Chain

Side flexing chain  
Pitch: 63.5 mm (2.50 in)  
Backflex radius: 75.0 mm (3.00 in)  
Permissible tensile strength:  
POM material: 6000 N (1349 lbf)

Delivery: 6.1 m (20.0 ft)  
No. of links/box: 96

| E    |      | G    |      | H    |      | P    |      | V    |      |
|------|------|------|------|------|------|------|------|------|------|
| mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   |
| 11.0 | 0.43 | 64.0 | 2.25 | 55.0 | 2.17 | 63.5 | 2.50 | 28.4 | 1.12 |

All dimensions are for chains in POM material.

| Width (W) |      | Recommended Material & color | Recommended Pin material | Weight |       |
|-----------|------|------------------------------|--------------------------|--------|-------|
| mm        | in   |                              |                          | kg/m   | lb/ft |
| 61.5      | 2.42 | POM-D <b>W</b>               | <b>SS304</b>             | 2.0    | 1.34  |

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

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

NON STANDARD

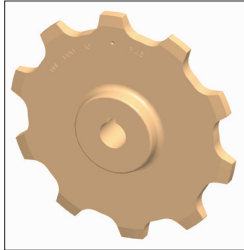
UNI FLEX PLASTIC CHAIN

## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | PA66 LG | Cast iron | SS304    |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------|-----------|----------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded  | Molded    | Machined |
| <b>Z6</b>   | 127.0          | 5.00 | 128.0            | 5.04 | 20.0        | 0.79 | 40.0        | 1.57 | 63.0         | 2.48 | 40.8        | 1.61 | 78.1        | 3.07 | x       | x         |          |
| <b>Z8</b>   | 165.9          | 6.53 | 168.9            | 6.65 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 62.5        | 2.46 | 97.5        | 3.84 | x       | x         | x        |
| <b>Z10</b>  | 205.5          | 8.09 | 210.5            | 8.29 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 83.5        | 3.29 | 117.2       | 4.61 | x       | x         |          |
| <b>Z11</b>  | 225.4          | 8.87 | 231.4            | 9.11 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 93.9        | 3.70 | 127.1       | 5.00 | x       | x         |          |

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

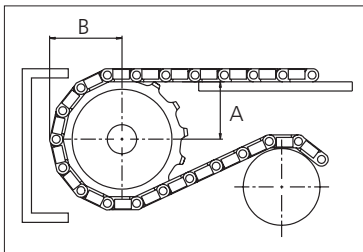
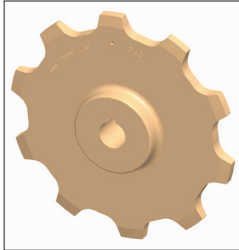
**Machined sprocket**



**Cast iron sprocket**



**SS304 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/1.66 in  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 2600-OV-M/0412



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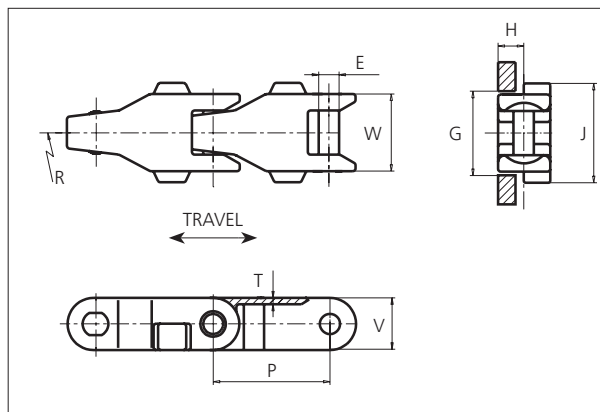
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# uni Flex Plastic Chain

## uni 2600-TAB-C



### uni Flex Plastic Chain

Side flexing chain  
Pitch: 63.5 mm (2.50 in)  
Backflex radius: 75.0 mm (3.00 in)  
Permissible tensile strength:  
POM material: 6000 N (1349 lbf)

Delivery: 6.1 m (20.0 ft)  
No. of links/box: 96

| E    |      | G    |      | H    |      | J    |      | P    |      | T   |      | V    |      |
|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|
| mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   |
| 11.0 | 0.43 | 44.5 | 1.75 | 14.0 | 0.55 | 54.0 | 2.13 | 63.5 | 2.50 | 3.5 | 0.14 | 28.4 | 1.12 |

All dimensions are for chains in POM material.

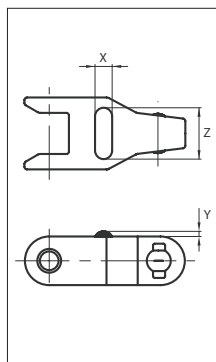
| Width (W) |      | Material & color                 | Pin material | Weight |       | Min. radius (R) |       |
|-----------|------|----------------------------------|--------------|--------|-------|-----------------|-------|
| mm        | in   |                                  |              | kg/m   | lb/ft | mm              | in    |
| 42.0      | 1.65 | POM-D <b>W</b><br>POM-D <b>G</b> | SS304        | 1.5    | 1.00  | 600             | 23.62 |

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

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

## Accessories

### Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:  
See uni Rubber Profile Overview.

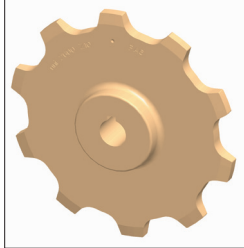
| Link material  | Rubber material | Z    |      | X    |      | Y   |      |
|----------------|-----------------|------|------|------|------|-----|------|
|                |                 | mm   | in   | mm   | in   | mm  | in   |
| POM-D <b>W</b> | 05 <b>I</b>     | 30.0 | 1.18 | 10.0 | 0.39 | 3.0 | 0.12 |

## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | PA66 LG | Cast iron | SS304    |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------|-----------|----------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded  | Molded    | Machined |
| <b>Z6</b>   | 127.0          | 5.00 | 128.0            | 5.04 | 20.0        | 0.79 | 40.0        | 1.57 | 63.0         | 2.48 | 40.8        | 1.61 | 78.1        | 3.07 | x       | x         |          |
| <b>Z8</b>   | 165.9          | 6.53 | 168.9            | 6.65 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 62.5        | 2.46 | 97.5        | 3.84 | x       | x         | x        |
| <b>Z10</b>  | 205.5          | 8.09 | 210.5            | 8.29 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 83.5        | 3.29 | 117.2       | 4.61 | x       | x         |          |
| <b>Z11</b>  | 225.4          | 8.87 | 231.4            | 9.11 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 93.9        | 3.70 | 127.1       | 5.00 | x       | x         |          |

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

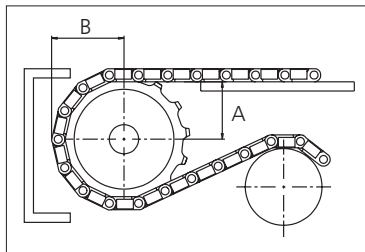
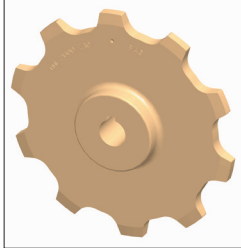
**Machined sprocket**



**Cast iron sprocket**



**SS304 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/1.66 in  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 2600-C-TAB/0412



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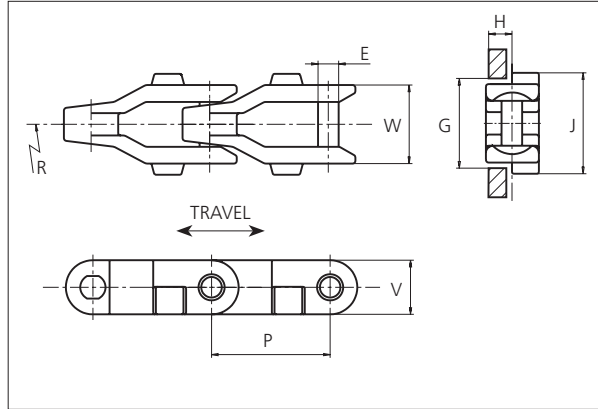
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# uni Flex Plastic Chain

## uni 2600 TAB-O



### uni Flex Plastic Chain

Side flexing chain  
 Pitch: 63.5 mm (2.50 in)  
 Backflex radius: 75.0 mm (3.00 in)  
 Permissible tensile strength:  
 POM material: 6000 N (1349 lbf)  
 Delivery: 6.1 m (20.0 ft)  
 No. of links/box: 96

| E    |      | G    |      | H    |      | J    |      | P    |      | V    |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   |
| 11.0 | 0.43 | 44.5 | 1.75 | 14.0 | 0.55 | 54.0 | 2.13 | 63.5 | 2.50 | 28.4 | 1.12 |

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    |
| 42.0      | 1.65 | POM-D <b>W</b><br>POM-D <b>G</b><br>POM-SLF <b>DG</b> | SS304        | 1.4    | 0.94  | 600             | 23.62 |

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

STANDARD

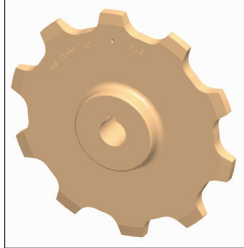
UNI FLEX SPECIAL CHAIN

## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | PA66 LG | Cast iron | SS304    |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------|-----------|----------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded  | Molded    | Machined |
| <b>Z6</b>   | 127.0          | 5.00 | 128.0            | 5.04 | 20.0        | 0.79 | 40.0        | 1.57 | 63.0         | 2.48 | 40.8        | 1.61 | 78.1        | 3.07 | x       | x         |          |
| <b>Z8</b>   | 165.9          | 6.53 | 168.9            | 6.65 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 62.5        | 2.46 | 97.5        | 3.84 | x       | x         | x        |
| <b>Z10</b>  | 205.5          | 8.09 | 210.5            | 8.29 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 83.5        | 3.29 | 117.2       | 4.61 | x       | x         |          |
| <b>Z11</b>  | 225.4          | 8.87 | 231.4            | 9.11 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 93.9        | 3.70 | 127.1       | 5.00 | x       | x         |          |

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

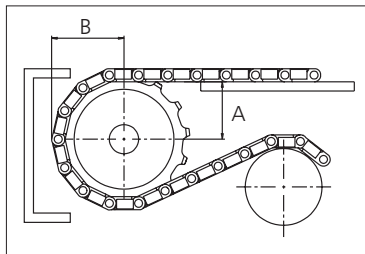
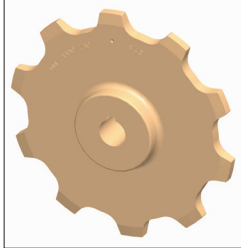
**Machined sprocket**



**Cast iron sprocket**



**SS304 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/1.66 in  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 2600-O-TAB/0412



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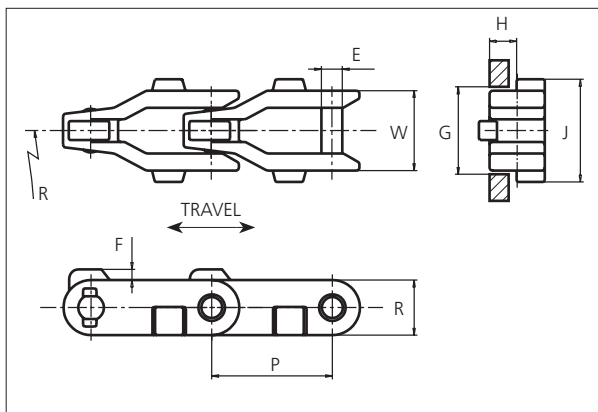
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# uni Flex Plastic Chain

## uni 2600 TAB-O-M



### uni Flex Plastic Chain

Side flexing chain  
Pitch: 63.5 mm (2.50 in)  
Backflex radius: 75.0 mm (3.00 in)  
Permissible tensile strength:  
POM material 6000 N (1349 lbf)

Delivery: 6.1 m (20.0 ft)  
No. of links/box: 96

| E    |      | F   |      | H    |      | J    |      | P    |      | V    |      |
|------|------|-----|------|------|------|------|------|------|------|------|------|
| mm   | in   | mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   |
| 11.0 | 0.43 | 5.6 | 0.22 | 14.0 | 0.55 | 54.0 | 2.13 | 63.5 | 2.50 | 28.4 | 1.12 |

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    |
| 42.0      | 1.65 | POM-D <b>W</b><br>POM-LF <b>BR</b> | <b>SS304</b>             | 1.6    | 1.08  | 600.0         | 23.62 |

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

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

**When ordering, please, state the required distance between the product supports.**

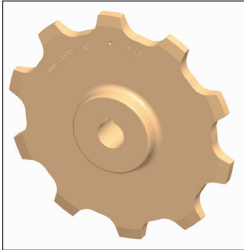
NON STANDARD

UNI FLEX PALSTIC CHAIN

Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | PA66 LG | Cast iron | SS304    |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------|-----------|----------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   | Molded  | Molded    | Machined |
| Z6          | 127.0          | 5.00 | 128.0            | 5.04 | 20.0        | 0.79 | 40.0        | 1.57 | 63.0         | 2.48 | 40.8        | 1.61 | 78.1        | 3.07 | x       | x         |          |
| Z8          | 165.9          | 6.53 | 168.9            | 6.65 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 62.5        | 2.46 | 97.5        | 3.84 | x       | x         | x        |
| Z10         | 205.5          | 8.09 | 210.5            | 8.29 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 83.5        | 3.29 | 117.2       | 4.61 | x       | x         |          |
| Z11         | 225.4          | 8.87 | 231.4            | 9.11 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 93.9        | 3.70 | 127.1       | 5.00 | x       | x         |          |

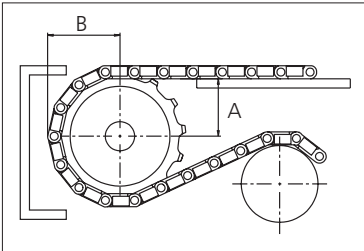
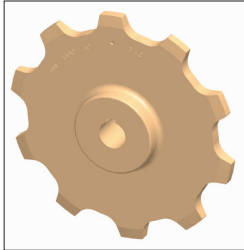
Machined sprocket



Cast iron sprocket



SS304 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/1.66 in  
uni Retainer Rings: See uni Retainer Ring data sheet

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

uni 2600-TAB-O-M/0412



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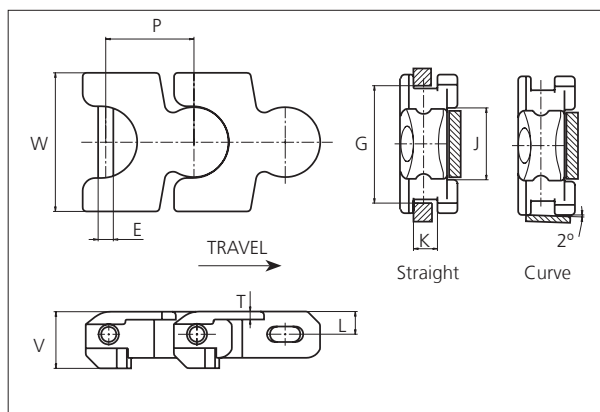
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# uni Flex Plastic Chain

## uni 2700



### uni Flex Plastic Chain

Side flexing chain  
Pitch: 70.0 mm (2.76 in)  
Backflex radius: 200 mm (8.00 in)  
Permissible tensile strength:  
POM material 11000 N (2473 lbf)

Delivery: 5.0 m (16.5 ft)  
No. of links/box: 72

| E    |      | G    |      | J    |      | K    |      | L    |      | P    |      | T   |      | V    |      |
|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|
| mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   |
| 12.0 | 0.47 | 92.0 | 3.64 | 57.0 | 2.24 | 19.0 | 0.75 | 18.5 | 0.71 | 70.0 | 2.76 | 6.3 | 0.25 | 45.0 | 1.77 |

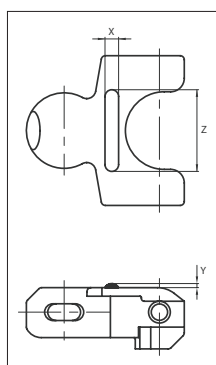
All dimensions are for chains in POM material.

| Width (W) |      | Material & color                   | Pin material | Weight |       | Min. radius (R) |       |
|-----------|------|------------------------------------|--------------|--------|-------|-----------------|-------|
| mm        | in   |                                    |              | kg/m   | lb/ft | mm              | in    |
| 110.0     | 4.33 | POM-D <b>W</b><br>POM-LF <b>BR</b> | <b>SS304</b> | 4.6    | 3.09  | 300.0           | 11.81 |

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

### Accessories

#### Rubber Top



When ordering, please state the required distance between the Rubber Top.

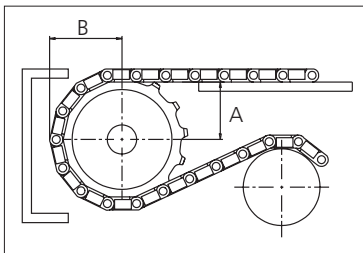
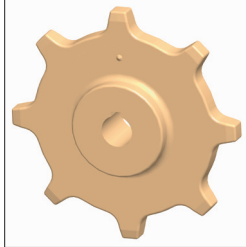
Other Non Standard rubber profiles:  
See uni Rubber Profile Overview

| Link material  | Rubber material | Z    |      | X    |      | Y   |      |
|----------------|-----------------|------|------|------|------|-----|------|
|                |                 | mm   | in   | mm   | in   | mm  | in   |
| POM-D <b>W</b> | 05 <b>I</b>     | 10.0 | 0.39 | 30.0 | 1.18 | 3.0 | 0.12 |

## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |     | Min. ø bore |     | Max. ø bore |     | Hub-diameter |     | A-dimension |     | B-dimension |     | Molded PA66 LG | Machined PA66 N |
|-------------|----------------|------|------------------|-----|-------------|-----|-------------|-----|--------------|-----|-------------|-----|-------------|-----|----------------|-----------------|
|             | mm             | in   | mm               | in  | mm          | in  | mm          | in  | mm           | in  | mm          | in  | mm          | in  |                |                 |
| <b>Z8</b>   | 182.8          | 7.20 | 184.0            | 7.2 | 20.00       | 0.8 | 50.00       | 2.0 | 73.50        | 2.9 | 92.80       | 3.7 | 116.70      | 4.6 |                | x               |
| <b>Z10</b>  | 226.4          | 8.91 | 227.6            | 9.0 | 20.00       | 0.8 | 50.00       | 2.0 | 73.50        | 2.9 | 116.00      | 4.6 | 137.60      | 5.4 |                | x               |

### 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: 15.0 mm/0.60 in  
 Width of sprocket: 42.3 mm/1.70 in  
 uni Retainer Rings: See uni Retainer Ring data sheet

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

uni 2700/0412



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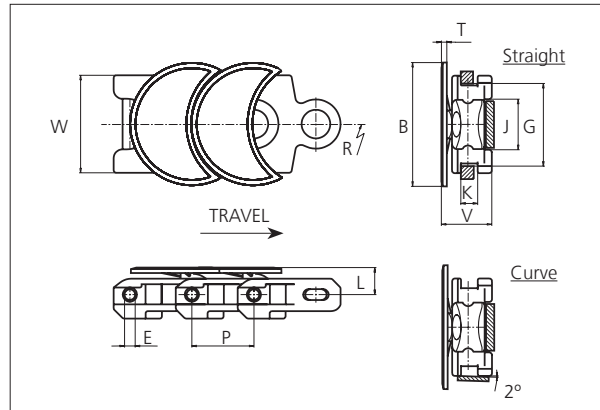
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# uni Flex Plastic Chain

## uni 2700 H



### uni Flex Plastic Chain

Side flexing chain

Pitch: 70.0 mm (2.76 in)

Permissible tensile strength:

POM material 11000 N (2473 lbf)

Delivery: 5.0 m (16.5 ft)

No. of links/box: 72

Note that the 2700 H cannot backflex.

NON STANDARD

UNI FLEX PLASTIC CHAIN

| B     |      | E    |      | G    |      | J    |      | K    |      | L    |      | P    |      | T   |      | V    |      |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|
| mm    | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   |
| 139.0 | 5.47 | 12.0 | 0.47 | 92.0 | 3.62 | 57.0 | 2.24 | 19.0 | 0.75 | 29.4 | 1.16 | 70.0 | 2.76 | 6.1 | 0.24 | 56.4 | 2.22 |

All dimensions are for chains in POM material.

| Width (W) |      | Recommended base material & color |    | Recommended plate material & color |    | Weight |       | Min. radius (R) |       |
|-----------|------|-----------------------------------|----|------------------------------------|----|--------|-------|-----------------|-------|
| mm        | in   |                                   |    |                                    |    | kg/m   | lb/ft | mm              | in    |
| 110.0     | 4.33 | POM-D                             | W  | POM-D                              | W  | 5.6    | 3.76  | 600.0           | 23.62 |
|           |      | POM-D                             | G  | POM-D                              | G  |        |       |                 |       |
|           |      | POM-LF                            | BR | POM-LF                             | BR |        |       |                 |       |

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

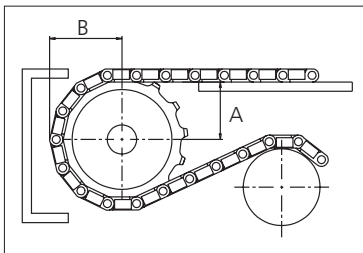
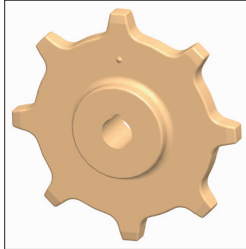
Non standard plate material and color: See uni Material and Color Overview.

## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |     | Min. ø bore |     | Max. ø bore |     | Hub-diameter |     | A-dimension |     | B-dimension |     | Molded PA66 LG | Machined PA66 N |
|-------------|----------------|------|------------------|-----|-------------|-----|-------------|-----|--------------|-----|-------------|-----|-------------|-----|----------------|-----------------|
|             | mm             | in   | mm               | in  | mm          | in  | mm          | in  | mm           | in  | mm          | in  | mm          | in  |                |                 |
| <b>Z8</b>   | 182.8          | 7.20 | 184.0            | 7.2 | 20.00       | 0.8 | 50.00       | 2.0 | 73.50        | 2.9 | 92.80       | 3.7 | 116.70      | 4.6 |                | x               |
| <b>Z10</b>  | 226.4          | 8.91 | 227.6            | 9.0 | 20.00       | 0.8 | 50.00       | 2.0 | 73.50        | 2.9 | 116.00      | 4.6 | 137.60      | 5.4 |                | x               |

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: 15.0 mm/0.60 in  
Width of sprocket: 42.3 mm/1.70 in  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 2700 H/0412



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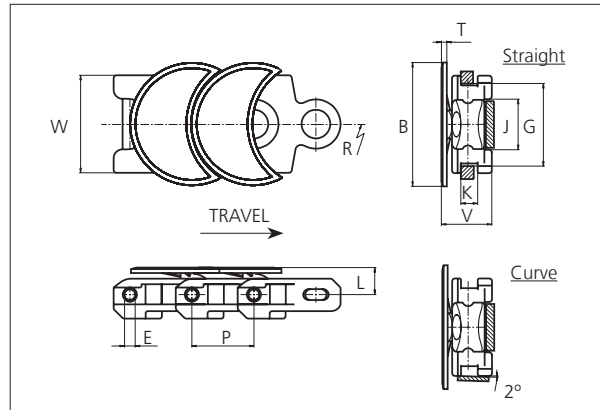
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# uni Flex Plastic Chain

## uni 2700 H-R



### uni Flex Plastic Chain

Side flexing chain

Pitch: 70.0 mm (2.76 in)

Permissible tensile strength:

POM material 11000 N (2473 lbf)

Delivery: 5.0 m (16.5 ft)

No. of links/box: 72

**Note that the 2700 H-R cannot backflex.**

| B     |      | E    |      | G    |      | J    |      | K    |      | L    |      | P    |      | T   |      | V    |      |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|
| mm    | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   |
| 139.0 | 5.47 | 12.0 | 0.47 | 92.0 | 3.62 | 57.0 | 2.24 | 19.0 | 0.75 | 29.4 | 1.16 | 70.0 | 2.76 | 6.1 | 0.24 | 56.4 | 2.22 |

All dimensions are for chains in POM material.

| Width (W) |      | Recommended base material & color |    | Recommended plate material & color |    | Weight |       | Min. radius (R) |      |
|-----------|------|-----------------------------------|----|------------------------------------|----|--------|-------|-----------------|------|
| mm        | in   |                                   |    |                                    |    | kg/m   | lb/ft | mm              | in   |
| 110.0     | 4.33 | POM-D                             | W  | POM-D                              | W  | 4.33   | 5.4   | 250.0           | 9.84 |
|           |      | POM-D                             | G  | POM-D                              | G  |        |       |                 |      |
|           |      | POM-LF                            | BR | POM-LF                             | BR |        |       |                 |      |

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

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

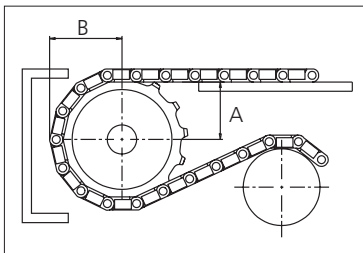
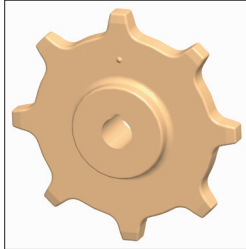
NON STANDARD

UNI FLEX PLASTIC CHAIN

## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |     | Min. ø bore |     | Max. ø bore |     | Hub-diameter |     | A-dimension |     | B-dimension |     | Molded PA66 LG | Machined PA66 N |
|-------------|----------------|------|------------------|-----|-------------|-----|-------------|-----|--------------|-----|-------------|-----|-------------|-----|----------------|-----------------|
|             | mm             | in   | mm               | in  | mm          | in  | mm          | in  | mm           | in  | mm          | in  | mm          | in  |                |                 |
| <b>Z8</b>   | 182.8          | 7.20 | 184.0            | 7.2 | 20.00       | 0.8 | 50.00       | 2.0 | 73.50        | 2.9 | 92.80       | 3.7 | 116.70      | 4.6 |                | x               |
| <b>Z10</b>  | 226.4          | 8.91 | 227.6            | 9.0 | 20.00       | 0.8 | 50.00       | 2.0 | 73.50        | 2.9 | 116.00      | 4.6 | 137.60      | 5.4 |                | x               |

### 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: 15.0 mm/0.60 in  
Width of sprocket: 42.3 mm/1.70 in  
uni Retainer Rings: See uni Retainer Ring data sheet

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

uni 2700 H-R/0412



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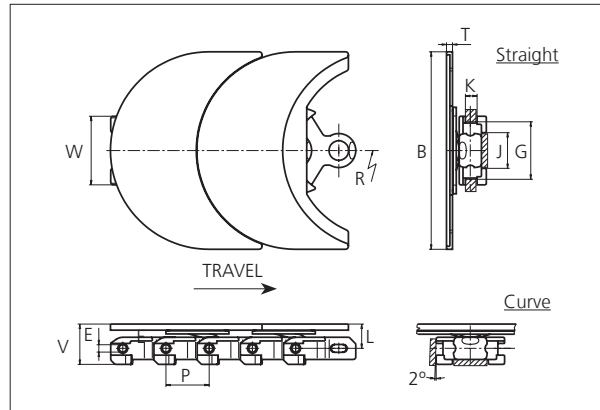
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# uni Flex Plastic Chain

## uni 2700 LH



### uni Flex Chains

Side flexing chain

Pitch: 70.0 mm (2.76 in)

Permissible tensile strength:

POM material 11000 N (2473 lbf)

Delivery: 2.5 m (8.25 ft)

No. of links/box: 36

Note that the 2700 LH cannot backflex.

| B     |       | E    |      | G    |      | J    |      | K    |      | L    |      | P    |      | T   |      | V    |      |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|
| mm    | in    | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   |
| 320.0 | 12.60 | 12.0 | 0.47 | 92.0 | 3.62 | 57.0 | 2.24 | 19.0 | 0.75 | 38.9 | 1.53 | 70.0 | 2.76 | 9.5 | 0.37 | 65.9 | 2.59 |

All dimensions are for chains in POM material.

| Width (W) |      | Recommended base material & color | Recommended plate material & color | Weight |       | Min. radius (R) |       |
|-----------|------|-----------------------------------|------------------------------------|--------|-------|-----------------|-------|
| mm        | in   |                                   |                                    | kg/m   | lb/ft | mm              | in    |
| 110.0     | 4.33 | POM-LF <b>BR</b>                  | PA6 <b>K</b>                       | 8.7    | 5.85  | 600.0           | 23.62 |

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

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

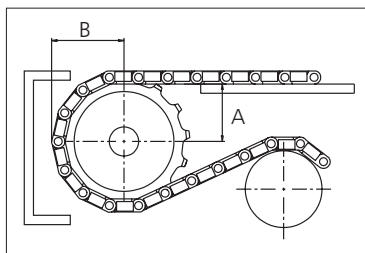
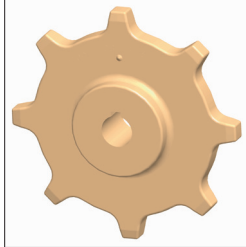
NON STANDARD

UNI FLEX PLASTIC CHIAN

## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |     | Min. ø bore |     | Max. ø bore |     | Hub-diameter |     | A-dimension |     | B-dimension |     | Molded PA66 LG | Machined PA66 N |
|-------------|----------------|------|------------------|-----|-------------|-----|-------------|-----|--------------|-----|-------------|-----|-------------|-----|----------------|-----------------|
|             | mm             | in   | mm               | in  | mm          | in  | mm          | in  | mm           | in  | mm          | in  | mm          | in  |                |                 |
| <b>Z8</b>   | 182.8          | 7.20 | 184.0            | 7.2 | 20.00       | 0.8 | 50.00       | 2.0 | 73.50        | 2.9 | 92.80       | 3.7 | 116.70      | 4.6 |                | x               |
| <b>Z10</b>  | 226.4          | 8.91 | 227.6            | 9.0 | 20.00       | 0.8 | 50.00       | 2.0 | 73.50        | 2.9 | 116.00      | 4.6 | 137.60      | 5.4 |                | x               |

### 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: 15.0 mm/0.60 in  
 Width of sprocket: 42.3 mm/1.70 in  
 uni Retainer Rings: See uni Retainer Ring data sheet

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

uni 2700 LH/0412



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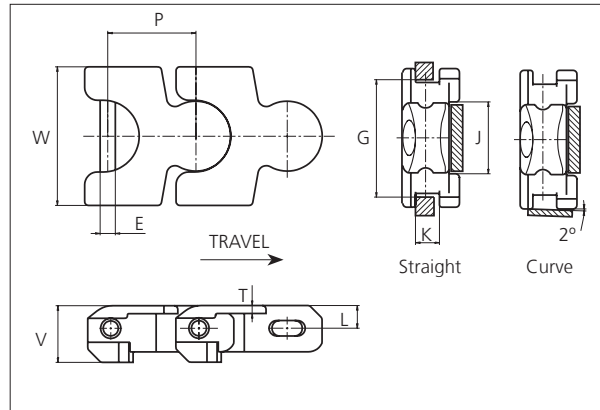
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# uni Flex Plastic Chain

## uni 2700-R



### uni Flex Plastic Chain

Side flexing chain  
Pitch: 70.0 mm (2.76 in)  
Backflex radius: 200 mm (8.00 in)  
Permissible tensile strength:  
POM material 11000 N (2473 lbf)

Delivery: 5.0 m (16.5 ft)  
No. of links/box: 72

NON STANDARD

UNI FLEX PLASTIC CHAIN

| E    |      | G    |      | J    |      | K    |      | L    |      | P    |      | T   |      | V    |      |
|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|
| mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   |
| 12.0 | 0.47 | 92.0 | 3.64 | 57.0 | 2.24 | 19.0 | 0.75 | 18.5 | 0.71 | 70.0 | 2.76 | 6.3 | 0.25 | 45.0 | 1.77 |

All dimensions are for chains in POM material.

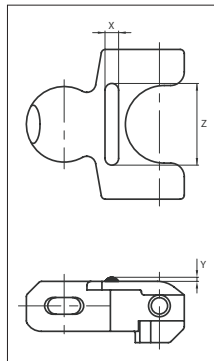
| Width (W) |      | Recommended base material & color                    | Recommended pin material & color | Weight |       | Min. radius (R) |      |
|-----------|------|------------------------------------------------------|----------------------------------|--------|-------|-----------------|------|
| mm        | in   |                                                      |                                  | kg/m   | lb/ft | mm              | in   |
| 110.0     | 4.33 | POM-D <b>W</b><br>POM-D <b>G</b><br>POM-LF <b>BR</b> | <b>SS304</b>                     | 4.4    | 2.96  | 250.0           | 9.84 |

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

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

### Accessories

#### Rubber Top



When ordering, please state the required distance between the Rubber Top.

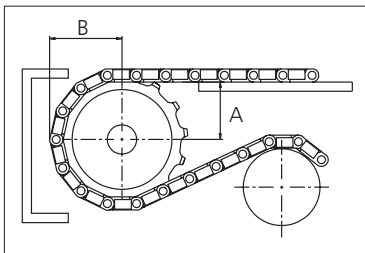
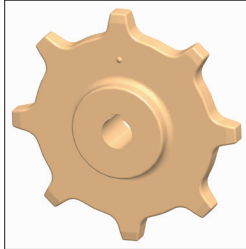
Other Non Standard rubber profiles:  
See uni Rubber Profile Overview

| Link material  | Rubber material | Z    |      | X    |      | Y   |      |
|----------------|-----------------|------|------|------|------|-----|------|
|                |                 | mm   | in   | mm   | in   | mm  | in   |
| POM-D <b>W</b> | 05 <b>I</b>     | 10.0 | 0.39 | 30.0 | 1.18 | 3.0 | 0.12 |

## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |     | Min. ø bore |     | Max. ø bore |     | Hub-diameter |     | A-dimension |     | B-dimension |     | Molded PA66 LG | Machined PA66 N |
|-------------|----------------|------|------------------|-----|-------------|-----|-------------|-----|--------------|-----|-------------|-----|-------------|-----|----------------|-----------------|
|             | mm             | in   | mm               | in  | mm          | in  | mm          | in  | mm           | in  | mm          | in  | mm          | in  |                |                 |
| <b>Z8</b>   | 182.8          | 7.20 | 184.0            | 7.2 | 20.00       | 0.8 | 50.00       | 2.0 | 73.50        | 2.9 | 92.80       | 3.7 | 116.70      | 4.6 |                | x               |
| <b>Z10</b>  | 226.4          | 8.91 | 227.6            | 9.0 | 20.00       | 0.8 | 50.00       | 2.0 | 73.50        | 2.9 | 116.00      | 4.6 | 137.60      | 5.4 |                | x               |

### 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: 15.0 mm/0.60 in  
 Width of sprocket: 42.3 mm/1.70 in  
 uni Retainer Rings: See uni Retainer Ring data sheet

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

uni 2700-R/0412



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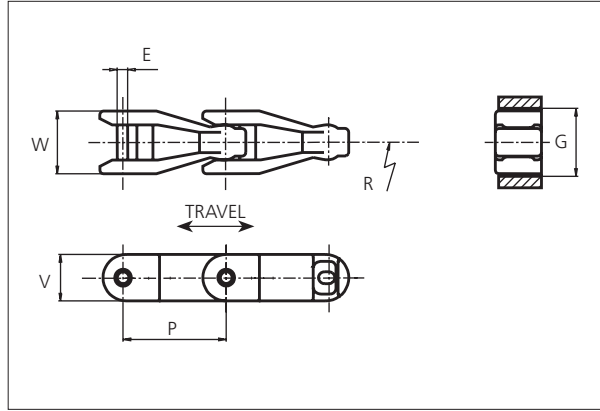
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# uni Flex Plastic Chain

## uni 2800



### uni Flex Plastic Chain

Side flexing chain

Pitch: 82.5 mm (3.25 in)

Backflex radius: 75.0 mm (2.90 in)

Permissible tensile strength:

POM material 6000 N (1349 lbf)

Delivery: 6.1 m (20.0 ft)

No. of links/box: 74

STANDARD

| E   |      | G    |      | P    |      | V    |      |
|-----|------|------|------|------|------|------|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   |
| 9.5 | 0.37 | 54.0 | 2.13 | 82.5 | 3.25 | 37.3 | 1.47 |

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    |
| 53.5      | 2.11 | POM-D <b>W</b>   | <b>SS304</b> | 1.6    | 1.09  | 500             | 19.69 |

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

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

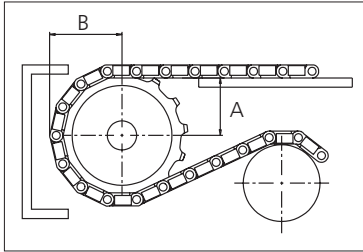
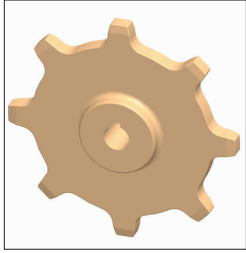
UNI FLEX PLASTIC CHAIN

## Sprocket

| No of teeth | Pitch diameter |       | Overall-diameter |       | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | Molded PA66 LG | Machined PA66 N |
|-------------|----------------|-------|------------------|-------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|-----------------|
|             | mm             | in    | mm               | in    | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |                |                 |
| <b>Z6</b>   | 165.0          | 6.50  | 168.0            | 6.60  | 20.0        | 0.80 | 40.0        | 1.60 | 63.0         | 2.50 | 53.0        | 2.10 | 101.0       | 4.00 |                | X               |
| <b>Z8</b>   | 215.6          | 8.49  | 224.0            | 8.80  | 20.0        | 0.80 | 50.0        | 2.00 | 73.5         | 2.90 | 81.1        | 3.20 | 126.3       | 5.00 |                | X               |
| <b>Z10</b>  | 267.0          | 10.51 | 277.0            | 10.90 | 20.0        | 0.80 | 50.0        | 2.00 | 73.5         | 2.90 | 108.5       | 4.30 | 152.0       | 6.00 |                | X               |

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: 15.0 mm/0.59 in  
Width of sprocket: 42.3 mm/1.67 in  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 2800/0412



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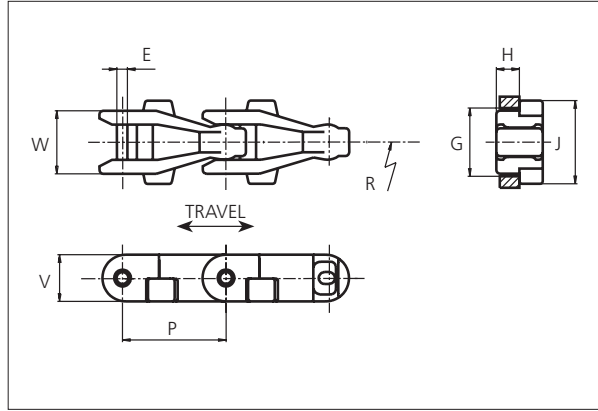
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# uni Flex Plastic Chain

## uni 2800 TAB



### uni Flex Plastic Chain

Side flexing chain  
 Pitch: 82.5 mm (3.25 in)  
 Backflex radius: 75.0 mm (2.90 in)  
 Permissible tensile strength:  
 POM material 6000 N (1349 lbf)  
  
 Delivery: 6.1 m (20.0 ft)  
 No. of links/box: 74

STANDARD

| E   |      | G    |      | H    |      | J    |      | P    |      | V    |      |
|-----|------|------|------|------|------|------|------|------|------|------|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   |
| 9.5 | 0.37 | 54.0 | 2.13 | 18.1 | 0.71 | 67.4 | 2.65 | 82.5 | 3.25 | 37.3 | 1.47 |

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    |
| 53.5      | 2.11 | POM-D <b>W</b>   | <b>SS304</b> | 1.7    | 1.14  | 500             | 19.69 |

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

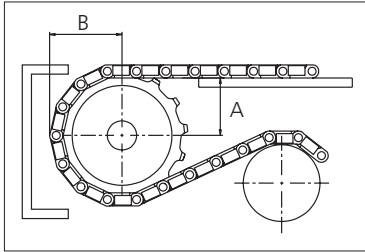
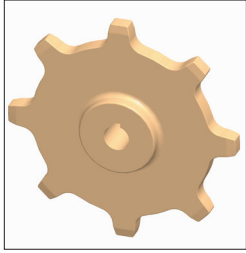
UNI FLEX PLASTIC CHAIN

## Sprocket

| No of teeth | Pitch diameter |       | Overall-diameter |       | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | Molded PA66 LG | Machined PA66 N |
|-------------|----------------|-------|------------------|-------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|-----------------|
|             | mm             | in    | mm               | in    | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |                |                 |
| <b>Z6</b>   | 165.0          | 6.50  | 168.0            | 6.60  | 20.0        | 0.80 | 40.0        | 1.60 | 63.0         | 2.50 | 53.0        | 2.10 | 101.0       | 4.00 |                | X               |
| <b>Z8</b>   | 215.6          | 8.49  | 224.0            | 8.80  | 20.0        | 0.80 | 50.0        | 2.00 | 73.5         | 2.90 | 81.1        | 3.20 | 126.3       | 5.00 |                | X               |
| <b>Z10</b>  | 267.0          | 10.51 | 277.0            | 10.90 | 20.0        | 0.80 | 50.0        | 2.00 | 73.5         | 2.90 | 108.5       | 4.30 | 152.0       | 6.00 |                | X               |

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: 15.0 mm/0.59 in  
Width of sprocket: 42.3 mm/1.67 in  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 2800 TAB/0412



Conveyor



Seamless



Modular



Timing



Transmission



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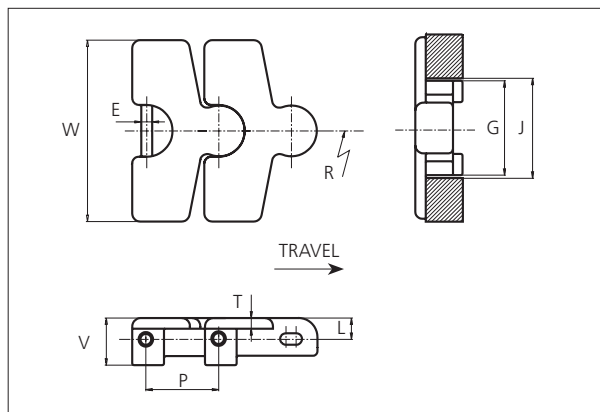
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# uni Flex Plastic Chain

## uni 3000



### uni Flex Plastic Chain

Side flexing chain  
Pitch: 80.1 mm (3.15 in)  
Backflex radius: 200.0 mm (8.00 in)  
Permissible tensile strength:  
POM material 11000 N (2473 lbf)

Delivery: 3.044 m (9.99 ft)  
No. of links/box: 38

| E    |      | G     |      | J     |      | L    |      | P    |      | T   |      | V    |      |
|------|------|-------|------|-------|------|------|------|------|------|-----|------|------|------|
| mm   | in   | mm    | in   | mm    | in   | mm   | in   | mm   | in   | mm  | in   | mm   | in   |
| 12.1 | 0.48 | 104.0 | 4.09 | 110.0 | 4.33 | 28.4 | 1.12 | 80.1 | 3.15 | 9.0 | 0.35 | 52.0 | 2.05 |

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    |
| 200.0     | 7.87 | POM-D <b>W</b> POM-D <b>G</b> | <b>SS304</b>             | 5.8    | 3.90  | 600.0        | 23.62 |

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

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

NON STANDARD

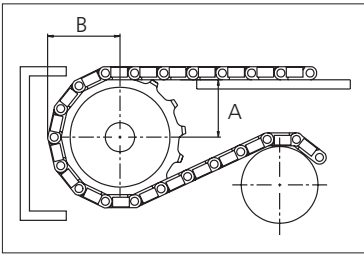
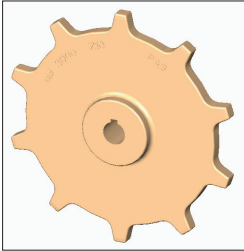
UNI FLEX PLASTIC CHAIN

Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | Molded PA66 LG | Machined PA66 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|-----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |                |                 |
| Z6          | 226.4          | 8.91 | 227.6            | 8.96 | 20.0        | 0.79 | 50.0        | 1.97 | 73.5         | 2.89 | 116.0       | 4.57 | 137.6       | 5.42 |                | x               |

Machined 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: 15.0 mm/0.60 in  
Width of sprocket: 42.3 mm/1.66 in  
uni Retainer Rings: See uni Retainer Ring data sheet

uni 3000/0412



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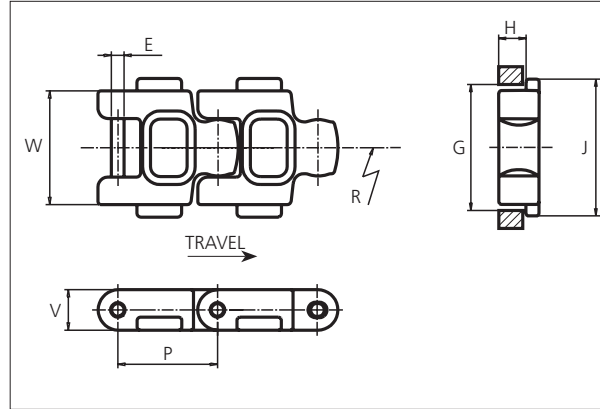
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# uni Flex Plastic Chain

## uni 3200 TAB



### uni Flex Plastic Chain

Side flexing chain  
 Pitch: 50.8 mm (2.00 in)  
 Backflex radius: 60.0 mm (2.40 in)  
 Permissible tensile strength:  
 POM material: 3150 N (708 lbf)  
  
 Delivery: 6.1 m (20.0 ft)  
 No. of links/box: 120

STANDARD

| E   |      | G    |      | J    |      | H    |      | P    |      | V    |      |
|-----|------|------|------|------|------|------|------|------|------|------|------|
| mm  | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   | mm   | in   |
| 6.4 | 0.25 | 59.5 | 2.34 | 69.9 | 2.75 | 13.8 | 0.54 | 50.8 | 2.00 | 20.3 | 0.80 |

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    |
| 57.2      | 2.25 | POM-DI <b>G</b>  | <b>SS304</b> | 57.2   | 2.25  | 406.0         | 16.00 |

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

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

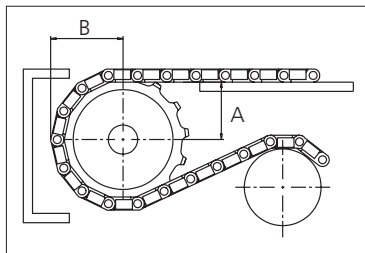
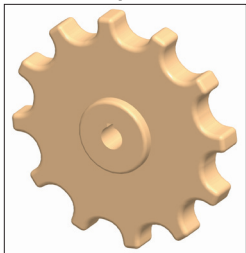
UNI FLEX PLASTIC CHAIN

## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | Molded LG PA66 | Machined N PA66 |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|-----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |                |                 |
| <b>Z8</b>   | 132.9          | 5.23 | 134.0            | 5.30 | 19.1        | 0.80 | 40.0        | 1.60 | 65.0         | 2.60 | 51.2        | 2.00 | 79.6        | 3.10 |                | x               |
| <b>Z10</b>  | 164.5          | 6.48 | 160.0            | 6.30 | 19.1        | 0.80 | 40.0        | 1.60 | 65.0         | 2.60 | 68.0        | 2.70 | 92.4        | 3.60 |                | x               |
| <b>Z10</b>  | 164.5          | 6.48 | 160.0            | 6.30 | 40.0        | 1.60 | 70.0        | 2.80 | 120.0        | 4.70 | 68.0        | 2.70 | 92.4        | 3.60 |                | x               |
| <b>Z12</b>  | 194.4          | 7.65 | 204.0            | 8.00 | 19.1        | 0.80 | 40.0        | 1.60 | 65.0         | 2.60 | 84.7        | 3.30 | 108.4       | 4.30 |                | x               |
| <b>Z12</b>  | 194.4          | 7.65 | 204.0            | 8.00 | 40.0        | 1.60 | 70.0        | 2.80 | 120.0        | 4.70 | 84.7        | 3.30 | 108.4       | 4.30 |                | x               |
| <b>Z15</b>  | 244.4          | 9.62 | 250.0            | 9.80 | 19.1        | 0.80 | 40.0        | 1.60 | 65.0         | 2.60 | 109.4       | 4.30 | 132.4       | 5.20 |                | x               |
| <b>Z15</b>  | 244.4          | 9.62 | 250.0            | 9.80 | 40.0        | 1.60 | 70.0        | 2.80 | 120.0        | 4.70 | 109.4       | 4.30 | 132.4       | 5.20 |                | x               |

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

uni 3200 TAB/0412



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