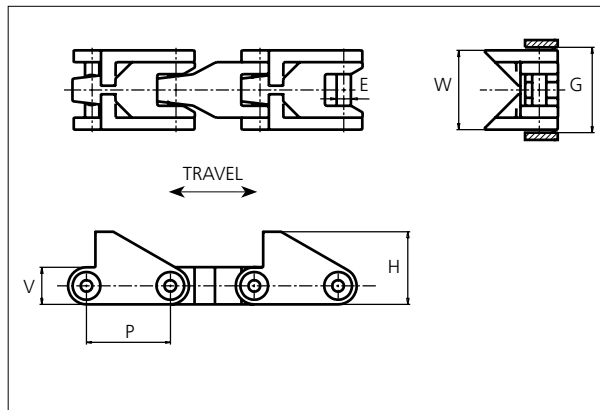


# uni Flex Plastic Chain

Series **uni 2600** Type **OV**



## uni Flex Plastic Chain

Straight running  
Pitch: 63.5 mm (2.50 in)  
Backflex radius:  
75.0 mm (3.00 in)  
Permissible tensile strength:  
POM material:  
4500 N (1012 lbf)  
  
Standard shipping lengths:  
boxes of 96 links  
= 6.096 m (20.0 ft)

| 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.

| Nominal 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>SS431</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

STRAIGHT RUNNING

PITCH 63.5 MM/2.50 IN

## Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | Dimension A |      | Dimension B |      | Molded PA6 LG | Molded Cast iron | Machined SS304 |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|---------------|------------------|----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |               |                  |                |
| <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 | ✓             | ✓                |                |
| <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 | ✓             | ✓                | ✓              |
| <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 | ✓             | ✓                |                |
| <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 | ✓             | ✓                |                |

**Machined sprocket**



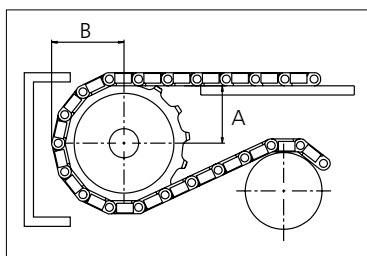
**Cast iron sprocket**



**SS304 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: 11.0 mm/0.43 in  
Width of sprocket: 42.3 mm/1.66 in  
Width of cast iron sprocket: 41.3 mm/1.63 in  
uni Retainer Rings: See uni Retainer Ring data sheet