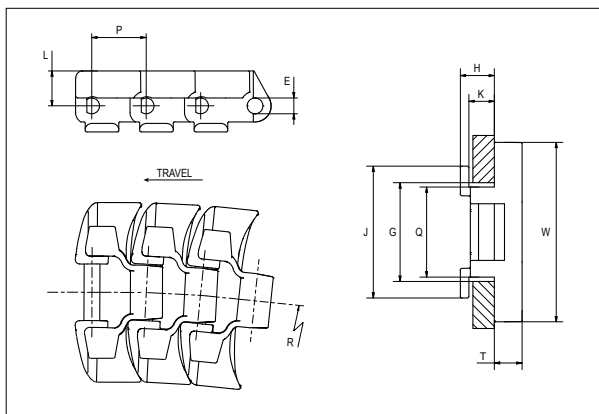
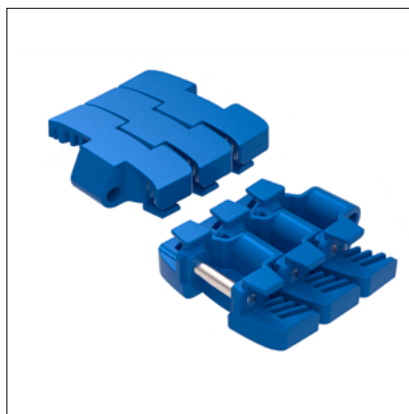




# Slat Top Plastic Chain

Series **uni 255 FT** Type **TAB**



## Slat Top Plastic Chain

Side flexing chain

Pitch: 25.4 mm (1.00 in)

Backflex radius:

200 mm (7.87 in)

Permissible tensile strength:

All POM materials: 1800 N

(405 lbf)

Standard shipping lengths:

boxes of 120 links

= 3.048 m (10.0 ft)

| 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 | 15.7 | 0.62 | 61.5 | 2.42 | 11.7 | 0.46 | 16.2 | 0.64 | 25.4 | 1.00 | 42.0 | 1.65 | 12.7 | 0.50 |

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    |
| K330      | 83.8  | 3.30 | POM-D <span>B</span> <span>G</span> | SS431        | 1.85   | 1.24  | 500             | 19.69 |
|           |       |      | POM-DK <span>EG</span>              |              |        |       |                 |       |
|           |       |      | PA6.6-GFH <span>K</span>            |              |        |       |                 |       |
|           |       |      | DRX <span>LB</span>                 |              |        |       |                 |       |
| K450      | 114.3 | 4.50 | POM-D <span>B</span> <span>G</span> | SS431        | 2.19   | 1.47  | 500             | 19.69 |
|           |       |      | PA6.6-GFH <span>K</span>            |              |        |       |                 |       |

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

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

STANDARD

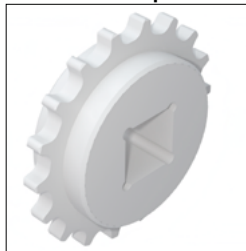
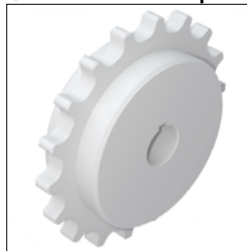
SIDE FLEXING

PITCH 25.4 MM/1.00 IN

## Sprocket

| No. of teeth |    |                                                                                   | Metric bore                                                                       |                                                                                   |                                                                                   | Imperial bore                                                                     |                                                                                   | Overall diameter |       | Pitch diameter |      | Hub diameter |      | Dimension A |      | Dimension B |      | Machined solid sprocket PA6  | Machined solid idler PA6  |
|--------------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------|-------|----------------|------|--------------|------|-------------|------|-------------|------|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|              | in | 0.32                                                                              | 0.98                                                                              | 1.18                                                                              | 1.57                                                                              | 1.00                                                                              | 1.50                                                                              |                  |       |                |      |              |      |             |      |             |      |                                                                                                                 |                                                                                                              |
|              | mm | Pilot-Bore                                                                        | 25.0                                                                              | 30.0                                                                              | 40.0                                                                              | 25.4                                                                              | 38.1                                                                              | mm               | in    | mm             | in   | mm           | in   | mm          | in   | mm          | in   |                                                                                                                 |                                                                                                              |
| Z16          |    |  |  |  |  |  |  | 132.1            | 5.20  | 130.2          | 5.13 | 110.0        | 4.33 | 67.5        | 2.66 | 81.9        | 3.22 |                              |                           |
| Z18          |    |  |  |  |  |  |  | 148.5            | 5.85  | 146.3          | 5.76 | 126.0        | 4.96 | 75.7        | 2.98 | 89.9        | 3.54 |                              |                           |
| Z21          |    |  |  |  |  |  |  | 179.9            | 7.08  | 170.4          | 6.71 | 150.0        | 5.91 | 88.0        | 3.46 | 101.9       | 4.01 |                              |                           |
| Z31          |    |  |  |  |  |  |  | 254.2            | 10.01 | 251.1          | 9.89 | 230.0        | 9.06 | 128.6       | 5.06 | 142.1       | 5.59 |                              |                           |

### Machined solid sprocket Machined square bore

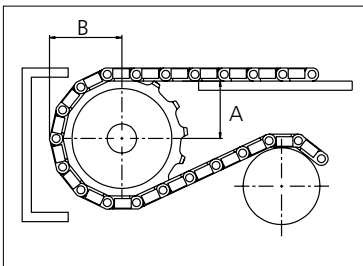


Non standard material and color:  
See uni Material and Color Overview.  
Width of tooth: 18.0 mm (0.71 in)  
Width of sprocket: 30.0 mm (1.18 in)

## Two-part sprocket

| No. of teeth |    |                                                                                     |                                                                                     |                                                                                     | Overall diameter |       | Pitch diameter |      | Hub diameter |      | Dimension A |      | Dimension B |      | Machined split sprocket  | Machined split Idler  |
|--------------|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------|-------|----------------|------|--------------|------|-------------|------|-------------|------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
|              | in | 0.32                                                                                | 0.98                                                                                | 1.57                                                                                |                  |       |                |      |              |      |             |      |             |      |                                                                                                               |                                                                                                            |
|              | mm | Pilot-Bore                                                                          | 25.0                                                                                | 40.0                                                                                | mm               | in    | mm             | in   | mm           | in   | mm          | in   | mm          | in   |                                                                                                               |                                                                                                            |
| Z16          |    |  |  |  | 132.1            | 5.20  | 130.2          | 5.13 | 95.0         | 3.74 | 67.5        | 2.66 | 81.9        | 3.22 |                          |                       |
| Z18          |    |  |  |  | 148.5            | 5.85  | 146.3          | 5.76 | 110.0        | 4.33 | 75.7        | 2.98 | 89.9        | 3.54 |                          |                       |
| Z21          |    |  |  |  | 179.9            | 7.08  | 170.4          | 6.71 | 135.0        | 5.31 | 88.0        | 3.46 | 101.9       | 4.01 |                          |                       |
| Z31          |    |  |  |  | 254.2            | 10.01 | 251.1          | 9.89 | 215.0        | 8.46 | 128.6       | 5.06 | 142.1       | 5.59 |                          |                       |

### Machined 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: 18.0 mm (0.71 in)

Width of sprocket: 44.0 mm (1.73)

uni Retainer Rings: See uni Retainer Ring data sheet

uni Idler: See uni Idler data sheet

uni 255 TAB/2025.07.17...



The local partner of choice for sustainable conveyor belting solutions – around the globe.

<http://eptool.online>

Member of Ammerge Group



Scan the QR code and find your local contact

Ammeraal Beltech Modular

Hjulgagervej 21  
DK-7100 Vejle  
T +45 7572 3100

<http://eptool.online>

This information is subject to alteration due to continuous development. Ammeraal Beltech will not be held liable for the incorrect use of the above stated information. This information replaces previous information. All activities performed and services rendered by Ammeraal Beltech are subject to general terms and conditions of sale and delivery, as applied by its operating companies.