



### Material properties Type Standard 42 [einseitig]

- Welded and milled heavy-duty guide profile, made of high-quality steel in S355 J2
- $L_{\max}$  = Maximum production length 12m
- Production-related straightness  $\pm 1,0$  mm/meter
- This profile is available as fine straightened style on [request](#) ( $\pm 0,3$  mm per meter)

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## Technical drawing **Standard 42** [einseitig]





## Dimensions **Standard 42 [einseitig]**

| A ± 2<br>[mm] | B ± 1<br>[mm] | C<br>[mm] | D ± 0.1<br>[mm] | E<br>[mm] | F<br>[mm] | G<br>[mm] | L <sub>max</sub> in m |
|---------------|---------------|-----------|-----------------|-----------|-----------|-----------|-----------------------|
| 395.0         | 190.0         | 100.0     | 280.4           | 35.0      | 2.5       | 315       | 12                    |

**A** = Total height ± tolerance, **B** = Total width ± tolerance, **C** = Width roller axial bearing, **D** = Sectional dimension roller ± tolerance, **E** = Bar width, **F** = deep tread axial bearing, **G** = Sectional dimension, **L<sub>max</sub>** = Maximum production length

## Resistance Moments **Standard 42 [einseitig]**

| Article number | m kg/m | A cm <sup>2</sup> | I <sub>x</sub> cm <sup>4</sup> | W <sub>x</sub> cm <sup>3</sup> | I <sub>y</sub> cm <sup>4</sup> | W <sub>y</sub> cm <sup>3</sup> |
|----------------|--------|-------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| 112.042.001    | 250.2  | 318.80            | 70.098.20                      | 3.549.30                       | 6.799.00                       | 715.70                         |

**m** = mass, **A** = surface, **I<sub>x</sub>** = surface moment, **W<sub>x</sub>** = resistance moment, **I<sub>y</sub>** = surface moment, **W<sub>y</sub>** = resistance moment