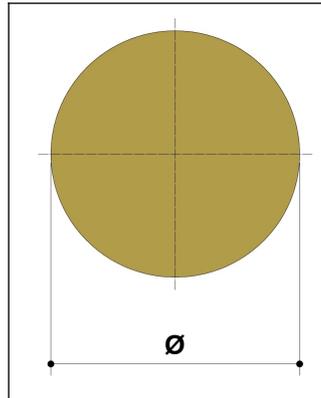


Dimensions and tolerances

Over (mm)	Up to (mm)	Tolerance (mm)	Reference EN12165:24
10 included	18	+0 / -0,14	B
18	30	+0 / -0,17	B
30	50	+0 / -0,20	B
50	80	+0 / -0,37	B
80	120	± 2,0	A
120	160	± 2,5	A



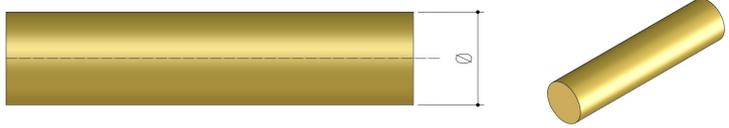
Lengths (standard production 3025 ± 25 mm)

Over (mm)	Up to (mm)	Minimum (mm)	Maximum (mm)	Notes
10 included	15 excluded	3000 ± 25	5000 ± 25	From 3000 to 5000 mm with a step of 50 mm ± 25 mm
included	40	3000 ± 25	5000 ± 25	From 3000 t 4000 mm with a step of 50 mm ± 25 mm Over 4000 mm unique possible size 5000 ± 25 mm
40	80	3000 ± 25	4500 ± 25	From 3000 to 4500 mm with a step of 50 mm ± 25 mm
80	160	2700 *	4000 ± 25	From 2700 to 4000 mm with a step of 50 mm ± 25 mm

* For fixed lengths 2750 ± 25 mm

Different lengths are available upon specific customer request

Rods ends

Over (mm)	Up to (mm)		
10 included	40 *	Rods ends without milled burrs	
40 excluded	160	Rods ends without sawn burrs	
* For "Hatebur" bar with lenght 5000 mm in the range 15 Ø 25 mm		One end without milled burrs and one with chamfer 0,5 mm a 2,5 mm	

Straightness

Over (mm)	Up to (mm)	Deflection (mm)	Reference EN12165:24
10 included	60	3 x L	Table 18
60	160	4 x L	/

L = rod length in m

Packaging

The product is packaged in 1000 kg bundles tied with metal straps and reeded paper where applicable. Any different requests (crates or other weights) to be agreed.