

[EN]

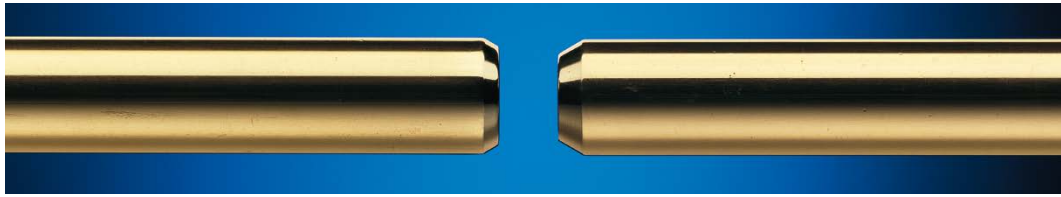
HME Precision

High Performance Brass Rods



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Alloy designation

CW614N (CuZn39Pb3); ASTM C38500

- delivery from stock Berlin (in accordance with DIN EN 12164)
- valid for dimensions round 6 – 20mm
- 100% checked (diameter/straightness)

Length		Rod End A - chamfered		Rod End B - pointed	
3000 mm	- 0/+ 50 mm	6 - 10 mm	0,2 - 1,0 mm	6 - 10 mm	2,0 - 7,0 mm
4000 mm	- 50/+ 0 mm	> 10 - 20 mm	0,2 - 1,5 mm	> 10 - 20 mm	3,0 - 10,0 mm

Dimensional tolerances

Diameter	ISO-Tolerance: h8	Ovalisation
6 mm	- 0,018 mm	≤ 0,009 mm
> 6 - 10 mm	- 0,022 mm	≤ 0,011 mm
> 10 - 18 mm	- 0,027 mm	≤ 0,014 mm
> 18 - 20 mm	- 0,033 mm	≤ 0,017 mm

Straightness tolerance: ≤ 0,5mm/m (½ DIN) 100% Eddy-current tested

Bundle variation

Diameter	Variation
6 - 13 mm	≤ 0,01 mm
> 13 - 20 mm	≤ 0,02 mm



Mechanical characteristics

Diameter	6 - 8 mm	> 8 - 14 mm	> 14 - 20 mm
Metallurgical state	R500	R500	R430
Tensile strength R_M	min. 500N/mm ²	min. 500N/mm ²	min. 430N/mm ²
Elasticity $R_{p0,2}$	min. 350N/mm ²	min. 350N/mm ²	min. 220N/mm ²
Elongation %	$A_{11,3}$: min. 3 %	A: min. 5 %	A: min. 10 %

Packaging

- Standard packaging 500 - 1,000 kg bundles
- Special packaging on request