

# Hot Forging

# CW510L

CuZn42



## Chemistry composition

**EN12165**

Cu	Pb	Fe	Al	Ni	Sn	Zn	Others
57.0-59.0%	0.2% max	0.3% max	0.05% max	0.3% max	0.3% max	Rem.	0.2% max

## Shapes & sizes

○ Round: 10-80 mm

Standard Length: 3-4 M

## Mechanical properties

Temper	Diameter (Round)	Diameter (Hex)	Tensile Strength, min (Mpa)	Rpo.2 min/max (Mpa)	Elongation min (%)	Hardness min/max (HBW)
M	All as manufactured					

## Diameter tolerances - EN12165 Table 17

From	up to and including	Class A	Class B
10	18	+/- 0.25	+/- 0.14
18	30	+/- 0.3	+/- 0.17
30	50	+/- 0.6	+/- 0.2
50	80	+/- 0.7	+/- 0.37

\* Stock to Class A

## Ends of bars:

Shape	Bar/Rod Chamfering Ends
All shapes	Saw Cut

**Packaging:** 1000 kg bundle.

\*all size range of 11 mm and below (all shapes) will be packed in fumigated wooden boxes.

**Traceability:** Barcoded labels on strap