

EN 12164, Copper and copper alloys — Rod for free machining purposes

Designations		Diameter			Width across - flats			Tensile Strength	0,2% proof strength			Elongation			Hardness		
Material		Material Condition	mm			mm			Rm (Mpa)	Rp 0,2 (Mpa)			A 100 (%)	A 11,3 (%)	A (%)	HBW	
Number	Symbol		from	over	up to and including	from	over	up to and including	min.	min.	max.	min.	min.	min.	min.	max.	
CW722R	CuZn40Mn1Pb1FeSn	M	All			All			As manufactured								
		R440	-	40	80	-	40	60	440	180	-	-	-	20	-	-	
		H100	-	40	80	-	40	60	-	-	-	-	-	-	100	140	
		R500	5	-	40	5	-	40	500	270	-	-	10	12	-	-	
		H130	5	-	40	5	-	40	-	-	-	-	-	-	130	-	

EN 12165, Copper and copper alloys — Wrought and unwrought forging stock

Designations		Diameter		Hardness		
Material		mm		HB		
Number	Symbol	Material Condition	from	up to and including	min.	max.
CW722R	CuZn40Mn1Pb1FeSn	M	All		As manufactured	
		H100	8	80	100	160