

EN 12163, Copper and copper alloys — Rod for general 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.	
CW704R	CuZn23Al6Mn4Fe3Pb	M	All			All			As manufactured								
		R780	10	-	80	10	-	60	780	540	-	-	-	-	8	-	-
		H190	10	-	80	10	-	60	-	-	-	-	-	-	-	190	-

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

Designations		Diameter		Hardness		
Material		Material Condition	mm		HB	
Number	Symbol		from	up to and including	min.	max.
CW704R	CuZn23Al6Mn4Fe3Pb	M	All		As manufactured	
		H190	8	80	190	