

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.	
CW607N	CuZn38Pb1	M	All			All			As manufactured								
		R360	6	-	80	5	-	60	360	-	300	-	15	20	-	-	
		H070	6	-	80	5	-	60	-	-	-	-	-	-	70	100	
		R410	2	-	40	2	-	35	410	230	-	8	10	12	-	-	
		H100	2	-	40	2	-	35	-	-	-	-	-	-	100	145	
		R500	2	-	14	2	-	10	500	350	-	3	5	8	-	-	
		H120	2	-	14	2	-	10	-	-	-	-	-	-	120	-	

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.
CW607N	CuZn38Pb1	M	All		As manufactured	
		H070	8	120	70	170