| 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. |
| CW600N | CuZn35Pb1 | M | All | | | All | | | As manufactured | | | | | | | |
| | | R340 | 10 | - | 80 | 10 | - | 60 | 340 | - | 280 | - | - | 20 | - | - |
| | | H070 | 10 | - | 80 | 10 | - | 60 | - | - | - | - | - | - | 70 | 120 |
| | | R400 | 2 | - | 25 | 2 | - | 20 | 400 | 200 | - | 4 | 8 | 12 | - | - |
| | | H100 | 2 | - | 25 | 2 | - | 20 | - | - | - | - | - | - | 100 | 140 |
| | | R480 | 2 | - | 14 | 2 | - | 10 | 480 | 350 | - | 3 | 5 | 8 | - | - |
| | | H125 | 2 | - | 14 | 2 | - | 10 | - | - | - | - | - | - | 125 | - |

| EN 12166, Copper and copper alloys — Wire for general purposes | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Designations | | | Diameter | | Tensile Strength | 0,2% proof strength | | Elongation | | | Hardness | |
| Material | | Material Condition | mm | | Rm (Mpa) | Rp 0,2 (Mpa) | | A 100 (%) | A 11,3 (%) | A (%) | HV | |
| Number | Symbol | | from | up to and including | min. | min. | max. | min. | min. | min. | min. | max. |
| CW600N | CuZn35Pb1 | M | All | | As manufactured | | | | | | | |
| | | R340 | 0,5 | 20 | 340 | - | 280 | 10 | 15 | 20 | - | - |
| | | H080 | 1,5 | 20 | - | - | - | - | - | - | 80 | 130 |
| | | R400 | 0,5 | 14 | 400 | 200 | - | 4 | 8 | 12 | - | - |
| | | H100 | 1,5 | 14 | - | - | - | - | - | - | 100 | 150 |
| | | R480 | 0,5 | 8 | 480 | 350 | - | 2 | 5 | - | - | - |
| | | H135 | 1,5 | 8 | - | - | - | - | - | - | 135 | - |