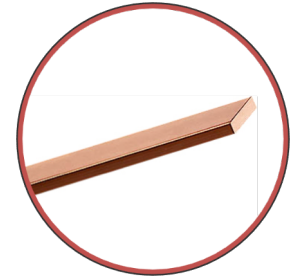


EK SPEC 161

Cu-strip, Oxygen Free



1 Dimensions

Below is a chart of dimensions we have produced.

	Min.	Max.
Width (mm)	5	39
Thickness (mm)	0.8	3
Area (mm ²)	4.8	86

2 Tolerance of dimensions

Width (mm)	Tolerance (mm)
2.00 - 3.15	± 0.03
(3.15) - 6.30	± 0.05
(6.30) - 12.50	± 0.07
(12.50) - 16.00	± 0.10
(16.00) - 25.00	± 0.13
(25.00) - 40.00	± 0.17

Thickness (mm)	Width (mm)	
	2-16	(16)-40
0.80 – 3.15 (3.15) – 6.30 (6.30) – 12.50 (12.50) -16.00	Tolerance (mm)	
	± 0.03	± 0.05
	± 0.05	± 0.07
	± 0.07	± 0.09
	± 0.10	

Tolerance of corner radius ± 25 %. The arc of curvature merges smoothly into the adjacent flat side.

Thickness (mm)	Corner radius (mm)
0.80 - 1.00	Semi circular
(1.00) - 1.60	0.50
(1.60) - 2.24	0.65
(2.24) - 3.55	0.80
(3.55) -	1.00

Can be delivered with semi circular corners. i.e. the radius = half thickness of the strip.

3 Form of delivery

Packing	Approx Capacity (kg)
Bobbin 630	200
GL 800	800

Other forms of delivery and types of package can be made by agreement.

4 Requirements

Copper Cu-OF (CW008A)
 Density: 8.93 g/cm³
 Resistivity: max. 17.24 nΩm
 Tensile Strength: R_m 220-260 N/mm²
 Hardness: 40-65 HV
 Surface roughness: max. 25 μm R_{max}

5 References

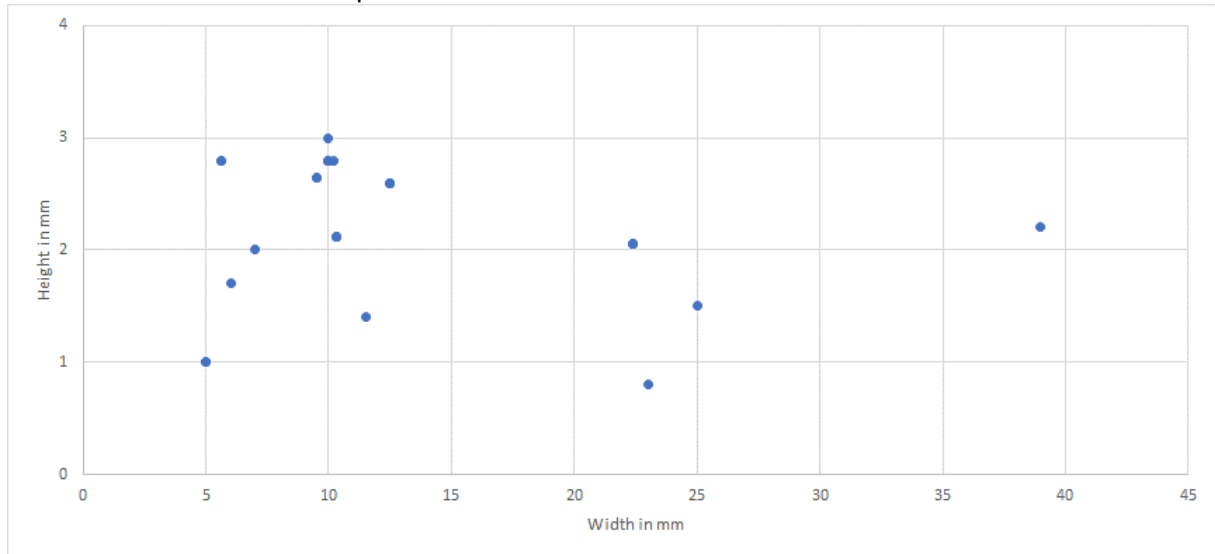
EN 13601 Copper and copper alloys. Copper rod, bar and wire for...
 SEN 240951 Strip of copper for winding purposes

6 Miscellaneous

An approximate 15 meter long starting end is at the bottom of the drum, i.e. at the end of the length. There is a slightly discoloured piece and a joint. It is recommended that the starting end is cut away since the tensile strength cannot be guaranteed.

The profile is usually coated with a thin layer of white oil (paraffin oil), which facilitates uncoiling and reduces the risk of surface damage.

Chart of dimensions we have produced.



Author: Hill, Tony
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Approved by: Ciardi, Jonas
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