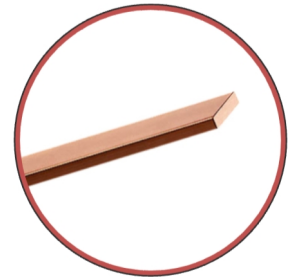


# EK SPEC 140

## Copper strip, semi hard and hard made



### 1 Dimensions and requirements

Hardness	Yield strength Rp0,2 N/mm <sup>2</sup>	Min. Width (mm)	Max. Width (mm)	Min. Thickness (mm)	Max. Thickness (mm)	Min. area (mm <sup>2</sup> )	Max. area (mm <sup>2</sup> )
90	90 - 0 + 30	4	35	1	5	4	175
120	120 - 0 + 30	4	35	1	5	4	175
150	150 - 0 + 30	4	25	1	5	4	125
180	180 - 0 + 36	4	25	1	4,5	4	100
220	220 - 0 + 44	4	25	1	4,5	4	80

Copper Cu-ETP

Density: 8.93 g/cm<sup>3</sup>

Resistivity: max. 17.54 nΩm

Surface roughness: max. 25 μm R<sub>max</sub>

### 2 Tolerance of dimensions

Width (mm)	Tolerance (mm)	Thickness (mm)	Width (mm)	
			2-16	(16)-40
2.00 - 3.15	± 0.03	0.80 - 3.15	Tolerance (mm)	
(3.15) - 6.30	± 0.05	(3.15) - 6.30	± 0.03	± 0.05
(6.30) - 12.50	± 0.07	(6.30) - 12.50	± 0.05	± 0.07
(12.50) - 16.00	± 0.10	(12.50) - 16.00	± 0.07	± 0.09
(16.00) - 25.00	± 0.13		± 0.10	
(25.00) - 40.00	± 0.17			

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 semicircular corners. i.e. the radius = half thickness of the strip.

**3 Form of delivery**

Packing	Approx Capacity (kg)
Bobbin 710	200
DIN 560	250
DIN 630	400
DIN 760	500
DIN 800	800
GL 800	800
Drum 3	800
Drum FS	800

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

**4 References**

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