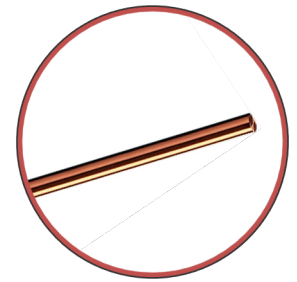


# EK SPEC 120

## Cu-wire, Hard



**1 Dimensions**                      Dimensions: Ø 1.11 - Ø 4.10 mm

**2 Tolerance of dimensions**                      Tolerance of diameter: ±1 %  
Deviation from circularity: max. 2 %

**3 Form of delivery**

Packing	Approx Capacity (kg)	Wire diameter (mm)
Coils	25	1.11 - 3.75
EK 560	250	1.11 - 3.75
DIN 630	400	1.11 - 4.10
Fibre board barrel	380	1.20 - 2.50
Octabin 1200	1500	1.11 - 2.70
Steel cage	2000	1.11 - 2.70

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

**4 Requirements**

Copper Cu-ETP  
Density: 8.93 g/cm<sup>3</sup>

Wire diameter (mm)	Tensile Strength Min. (N/mm <sup>2</sup> )	Resistivity Max. (nΩm)
1.11 - 1.50	440	17.93
(1.50) - 2.00	430	17.76
(2.00) - 2.40	420	
(2.40) - 3.00	400	
(3.00) - 3.55	390	
(3.55) - 4.00	380	
(4.00) - 4.10	370	

**5 References**

EN 13602      Copper and copper alloys - Drawn. round copper wire for the manufacture of electrical conductors.

**6 Miscellaneous**

Deliveries can also be made by the following specification:  
SEN 240102.

Wrapping test and reverse bend test according to EN 13602 is not done.