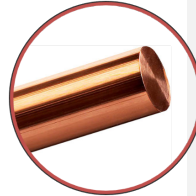


EK SPEC 169 CuSn-profile



1 Dimensions

	Min.	Max.
Diameter (mm)	6.40	28.50
Area (mm ²)	32	637

2 Tolerance of dimensions

Wire diameter (mm)	Tolerance (mm)	Elongation 200mm (min %)
6.40-19.00	± 0.38	30
(19.00)-25.00	± 0.50	N/A
(25.00)-26.00	± 0.76	N/A

Deviation from circularity: max. half the tolerance of diameter.

3 Form of delivery

Packing	Appr.Capacity (kg)
GL800	700
VKT 1250	3500
Coils	Max 4500

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

4 Requirements

Material: OFC-CuSn
 Density: 8.94 g/cm³
 Tin: 0,02% – 0,30% (200 – 3000ppm)
 Resistivity: max 19,5 + (ppm/1000) nΩm

5 References

Diametertolerances according to ASTM B49

6 Miscellaneous

For wires with diameter below 10 mm there's an approximate 15 meter long starting end is at the bottom of the drum, ie at the end of the length. There is a slightly discolored 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) or wire drawing oil, which facilitates uncoiling and reduces the risk of surface damage.

Coarse dimensions can also be protected with a longitudinal crepe paper.