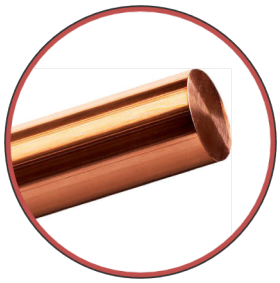
EK SPEC 169
CuSn-profile



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/cm^3
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.

Elcowire AB, Box 914, 251 09 Helsingborg, Sweden, Tel +46 (0)42 19 53 00, www.elcowire.com,
VAT No. SE556027205501, Org.nr 5560272055