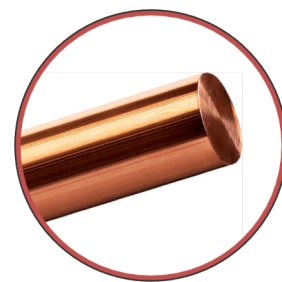


EK SPEC 166 CuMg-profile



1 Dimensions

	Min.	Max.
Diameter (mm)	6.40	26
Area (mm ²)	32	530

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-CuMg
 Density: 8.9 g/cm³
 Magnesium: 0,01% – 0,60% (100 – 6000ppm)
 Resistivitet: 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.