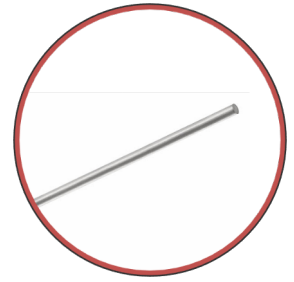


EK SPEC 238

Al-wire, Soft



1 Dimensions

	Min.	Max.
Diameter (mm)	4	32
Area (mm ²)	12.6	800

2 Tolerance of dimensions

Tolerance of dimensions: $\pm 1\%$

3 Form of delivery

Packing	Approx. Capacity (kg)
Coils	17
Bob 630	60
GL 800	300
VKT1250	1100

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

4 Requirements

Aluminium E-Al F7
 Resistivity: max. 28.0 nΩm
 Tensile Strength: R_m 60-90 N/mm²
 Elongation: L₂₀₀ min. 25 %

5 References

DIN 40501:4 Aluminium for Electrical Engineering; Wires of Pure ; Technical Conditions of Delivery

6 Miscellaneous

An approximate 15 meter long starting end is at the bottom of the drum, i.e. at the end of the length. There is a slightly discoloured 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), which facilitates uncoiling and reduces the risk of surface damage. Coarse dimensions can also be protected with a longitudinal crepe paper.