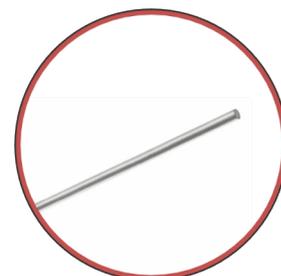


# EK SPEC 238

## Al-wire, Soft



### 1 Dimensions

|                         | Min. | Max. |
|-------------------------|------|------|
| Diameter (mm)           | 4    | 32   |
| Area (mm <sup>2</sup> ) | 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<sub>m</sub> 60-90 N/mm<sup>2</sup>  
 Elongation: L<sub>200</sub> 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.