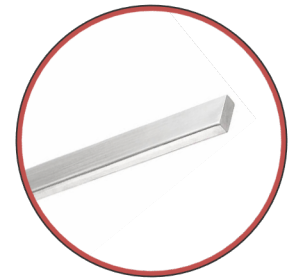


# EK SPEC 231

## Al-strip, Soft



### 1 Dimensions

Below is a chart of dimensions we have produced.

	Min.	Max.
Width (mm)	2.8	40
Thickness (mm)	0.8	10
Area (mm <sup>2</sup> )	4.1	400

### 2 Tolerance of dimensions

Width (mm)	Tolerance (mm)
2.00 - 3.15	± 0.03
(3.15) - 6.30	± 0.05
(6.30) - 12.50	± 0.07
(12.50) - 16.00	± 0.10
(16.00) - 25.00	± 0.13
(25.00) - 40.00	± 0.17

Thickness (mm)	Width (mm)	
	2-16	(16)-40
	Tolerance (mm)	
0.80 - 3.15	± 0.03	± 0.05
(3.15) - 6.30	± 0.05	± 0.07
(6.30) - 10.00	± 0.07	± 0.09

Tolerance of corner radius: ± 25 %. The arc of curvature merges smoothly into the adjacent flat side.

Thickness (mm)	Corner radius (mm)
0.80 - 1.00	Semi circular
(1.00) - 1.60	0.50
(1.60) - 2.24	0.65
(2.24) - 3.55	0.80
(3.55) -	1.00

### 3 Form of delivery

Packing	Approx Capacity (kg)
Bob 630	60
GL 800	300
Pancake coils	30

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 %  
 Surface roughness: max. 25µm R<sub>max</sub>

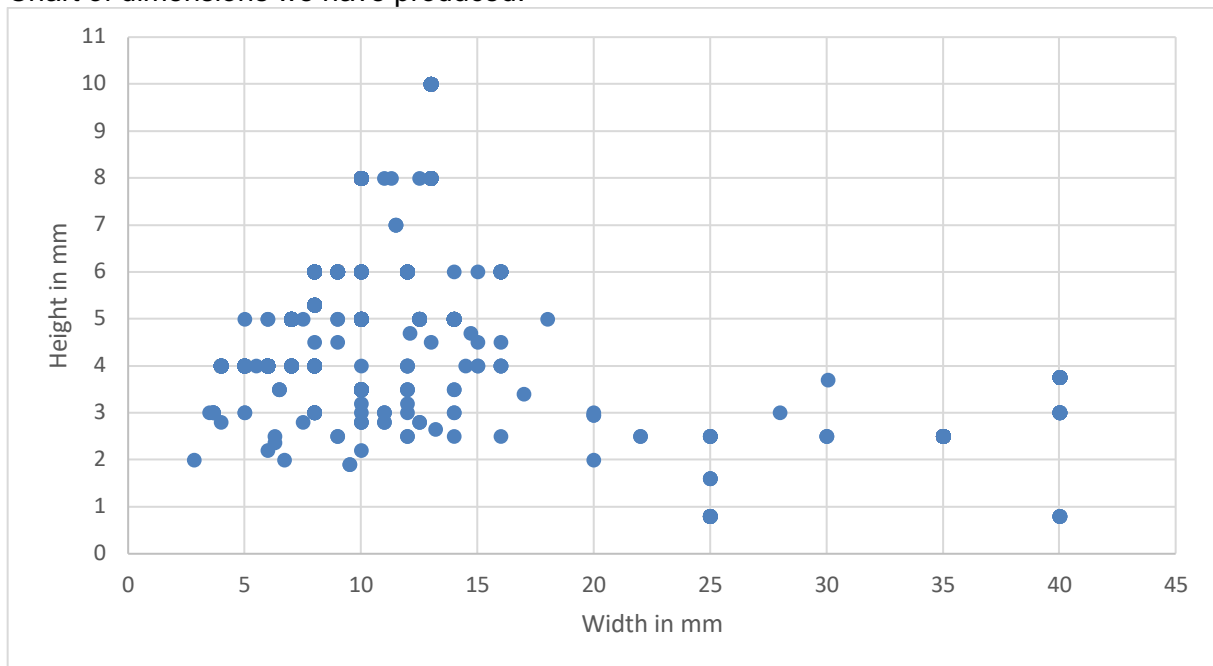
### 5 References

DIN 40501:4 Aluminium for Electrical Engineering; Wires of Pure ; Technical Conditions of Delivery  
 SEN 240961 Strip of aluminium for winding purposes

### 6 Miscallaneous

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), which facilitates uncoiling and reduces the risk of surface damage.

Chart of dimensions we have produced.



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