

## 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 (mm²)	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

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

Tolerance of corner radius:  $\pm 25$  %. 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** 

Chemical Composition: EN AW-1370 max. 28.0  $n\Omega m$ 

Tensile Strength:  $R_m$  60-90 N/mm<sup>2</sup> Elongation:  $L_{200}$  min. 25 % max. 25 $\mu$ m  $R_{max}$ 

**5 References** 

EN 573-3:2019 + A1:2022 Aluminium and aluminium alloys – chemical composition and form of wrought products

composition and form of wroaght products

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

SEN 240961 Strip of aluminium for winding purposes

6 Miscallenous

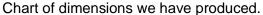
An approximate 15 meter long starting end is at the bottom of the drum,

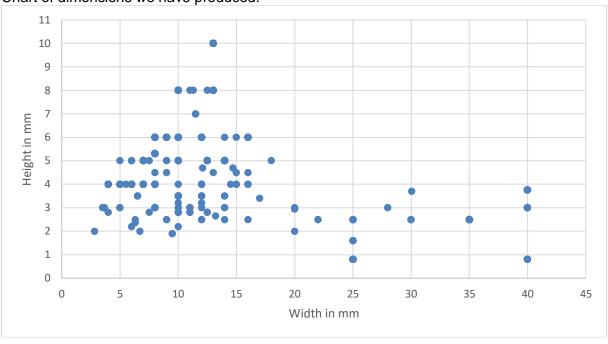
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ie at the end of the length. There is a slightly discolored piece and a joint. It is recommended that the starting end is cut away since the tensile strength cannot be guaranteed. The profile is usually coated with a thin layer of white oil (paraffin oil), which facilitates uncoiling and reduces the risk of surface damage.





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