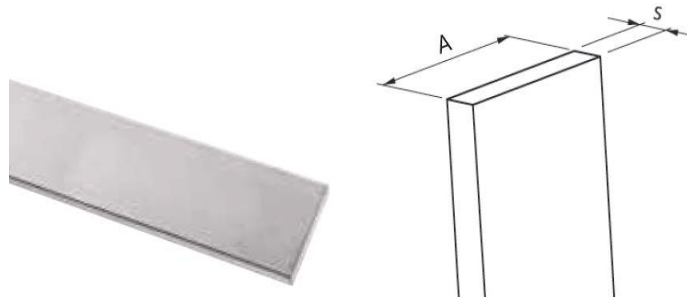


# Product Datasheet

## BAP4025



### Main

Family	Copper and Aluminium busbars
Version	Solid aluminium bars
Length (mm)	4000
Code	BAP4025
Reference	BAP 80x10x4000
Number per package	1
Weight (kg/m)	2.16
A (mm)	80
s (mm)	10
Cross section (mm <sup>2</sup> )	800

In (A) vs $\Delta T^*$	In (A)	$\Delta T$
	1123	35 °C
	<b>1438</b>	<b>55 °C</b>
	1638	70 °C
	2033	105 °C

\*Table of ampacities (A) are based on temperature rise  $\Delta T$  with reference room temperature of 35 °C

## Technical Features

Aluminium type EN-AW 1050 A

Rounded corners

**Tensile strength:** 80 N/mm<sup>2</sup>

**Resistivity:** 0.0265 Ω mm<sup>2</sup>/m

**Density:** 2.7 kg/dm<sup>3</sup>

## Solid aluminium bars

When compared to a copper bar with the same cross-section there is a significant weight saving, up to 70% less, with an ampacity reduction of about 30%.

Significant cost saving advantages due to the different cost of the raw material and, especially, the great difference in the weight/volume ratio.



For derating coefficient for the use of bars in parallel please refer to the catalogue.

Please contact Teknomega for non-specified tolerances.