

# Aluminium Alloy

## 6101A - T6 Extrusions



### SPECIFICATIONS

Commercial	6101A
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### CHEMICAL COMPOSITION

EN573-3:2009  
6101A

Element	% Present
Magnesium (Mg)	0.4 - 0.9
Silicon (Si)	0.3 - 0.7
Iron (Fe)	0.4 max
Others (Total)	0.1 max
Copper (Cu)	0.05 max
Other (Each)	0.03 max

### TEMPER TYPES

- T6 - Solution heat treated and artificially aged

### SUPPLIED FORMS

- Bar
- Extrusions
- Tube
- Rod

### MECHANICAL PROPERTIES

EN755-2:2008  
Extruded Bar  
Up to 150mm

Property	Value
Proof Stress	170 Min MPa
Elongation A50 mm	8 Min %
Tensile Strength	200 Min N/mm <sup>2</sup>

150mm dimension is Diameter for Round Bar, Thickness for Flat Bar and Width Across Flats for Hexagon & Square.  
The above Values also apply for Extruded Tube up to 25mm Wall Thickness and Extruded Profiles up to 50mm Wall Thickness.

### CONTACT

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### REVISION HISTORY

Datasheet Updated	13 November 2018
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