

# Aluminium Alloy

## 6101B T6 Extrusions

### SPECIFICATIONS

Commercial	6101B
------------	-------

### CHEMICAL COMPOSITION

EN573-3:2009 6101B	
Element	% Present
Magnesium (Mg)	0.35 - 0.6
Silicon (Si)	0.3 - 0.6
Iron (Fe)	0.1 - 0.3
Others (Total)	0.1 max
Zinc (Zn)	0.1 max
Copper (Cu)	0.05 max
Manganese (Mn)	0.05 max
Other (Each)	0.03 max

### TEMPER TYPES

- T6 - Solution heat treated and artificially aged

### SUPPLIED FORMS

- Bar
- Extrusions
- Rod
- Tube

### MECHANICAL PROPERTIES

EN755-2:2008 6101B Extrusions Up to 15mm	
Property	Value
Proof Stress	160 Min MPa
Elongation A50 mm	6 Min %
Tensile Strength	215 Min N/mm2

15mm Dimension is Diameter for Round Bars, Width Across Flats for Hexagon & Square Bars, Thickness for Flat Bars or Wall Thickness for Tube & Profiles,

### CONTACT

**Address:** Aldridge Warehouse  
No. 1 Wharf Approach  
Anchor Brook Industrial Park  
Aldridge  
Walsall  
WS9 8BX  
**Tel:** +44 (0)19 2245 3982  
**Email:** sales@durbinmetals.co.uk  
**Web:** www.durbinmetals.co.uk

### REVISION HISTORY

Datasheet Updated 13 November 2018

### DISCLAIMER

This Data is indicative only and as such is not to be relied upon in place of the full specification. In particular, mechanical property requirements vary widely with temper, product and product dimensions. All information is based on our present knowledge and is given in good faith. No liability will be accepted by the Company in respect of any action taken by any third party in reliance thereon.

Please note that the 'Datasheet Update' date shown above is no guarantee of accuracy or whether the datasheet is up to date.

The information provided in this datasheet has been drawn from various recognised sources, including EN Standards, recognised industry references (printed & online) and manufacturers' data. No guarantee is given that the information is from the latest issue of those sources or about the accuracy of those sources.

Material supplied by the Company may vary significantly from this data, but will conform to all relevant and applicable standards.

As the products detailed may be used for a wide variety of purposes and as the Company has no control over their use; the Company specifically excludes all conditions or warranties expressed or implied by statute or otherwise as to dimensions, properties and/or fitness for any particular purpose, whether expressed or implied.

Advice given by the Company to any third party is given for that party's assistance only and without liability on the part of the Company. All transactions are subject to the Company's current Conditions of Sale. The extent of the Company's liabilities to any customer is clearly set out in those Conditions; a copy of which is available on request.