



## Aluminium Alloy - QQ-A-250/30 T851 Plate

### SPECIFICATIONS

Commercial	2219
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An alloy developed for elevated temperature strength that has good weldability and resistance to stress corrosion.

### CHEMICAL COMPOSITION

SAE AMS QQ A 250/30 Alloy QQ A 250/30	
Element	% Present
Copper (Cu)	5.8 - 6.8
Manganese (Mn)	0.2 - 0.4
Iron (Fe)	0.3 max
Zirconium (Zr)	0.1 - 0.25
Silicon (Si)	0.2 max
Others (Total)	0.15 max
Vanadium (V)	0.05 - 0.15
Zinc (Zn)	0.1 max
Titanium (Ti)	0.02 - 0.1
Other (Each)	0.05 max
Magnesium (Mg)	0.02 max
Aluminium (Al)	Balance

### TEMPER TYPES

AMS QQ-A-250/30 Plate is supplied in T851 temper

- T851 - Solution heat treated then stress relieved by stretching then artificially aged.

### SUPPLIED FORMS

Alloy AMS QQ-A-250/30 T851 is supplied as Plate

- Plate

### MECHANICAL PROPERTIES

These Mechanical Properties apply to Plate in the T851 condition

Thickness (mm)	Proof Strength (Min)	Tensile Strength (Min)	Elongation % (Min)
Over 6.3 up to & incl. 25.4	317	427	8
Over 25.4 up to & incl. 50.8	317	427	7
Over 50.8 up to & incl. 76.2	317	427	6
Over 76.2 up to & incl. 101.6	303	413	5
Over 101.6 up to & incl. 127	296	406	5
Over 127 up to & incl. 152.4	289	393	4



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### CONTACT

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### REVISION HISTORY

Datasheet Updated	18 December 2013
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