

## Aluminium

## QQ-A-200/11 T73 Bar & Extrusion

Datasheet Updated  
05 August 2021

### SPECIFICATIONS

Commercial	7075
Aerospace	QQ-A-200/11 T73

Very high strength aerospace aluminium alloy.

### CHEMICAL COMPOSITION

#### SAE AMS QQ-A-200/11 Alloy QQ A 200/11

Element	% Present
Silicon (Si)	0.00 - 0.40
Iron (Fe)	0.00 - 0.50
Copper (Cu)	1.20 - 2.00
Manganese (Mn)	0.00 - 0.30
Chromium (Cr)	0.18 - 0.28
Magnesium (Mg)	2.10 - 2.90
Zinc (Zn)	5.10 - 6.10
Titanium (Ti)	0.00 - 0.20
Other (Each)	0.00 - 0.05
Others (Total)	0.00 - 0.15
Aluminium (Al)	Balance

### ALLOY DESIGNATIONS

Aluminium alloy QQ-A-200/11 has similarities to the following standard designations and specifications **but may not be a direct equivalent:**

- AMS 4166
- AMS 4168
- AMS 4169

### TEMPER TYPES

Alloy QQ-A-200/11 is supplied in a wide range of tempers:

- T62
- T6510
- T73
- T7310
- T7311
- T8511
- T7351
- T73511
- T6511
- O
- T6

### SUPPLIED FORMS

- Bar
- Extrusions

### APPLICATIONS

- Aerospace components
- Defence components
- High technology applications

### CHARACTERISTICS

- High strength
- Very good machinability
- Weldable using resistance, spot & beam methods
- Poor resistance to atmospheric corrosion

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