

QQ-A-225/9 - AMS4124 - 7075 Alloy

Additional Information

7075 has similarities to the following standard designations and specification

ASTM B211, AMS4122, AMS 4123, AMS 4124, AMS4186

AMS-QQ-A-225/9, ASTM B221, AMS 4154, AMS 4166, AMS 4167

AMS-QQ-A-200/11

Chemical Properties

Element	Chemical Composition %
Silicon (Si)	0.40
Iron (Fe)	0.50
Copper (Cu)	1.20 - 2.00 max
Manganese (Mn)	0.30
Magnesium (Mg)	2.10 - 2.90 max
Chromium (Cr)	0.18 - 0.28 max
Zinc (Zn)	5.10 - 6.10 max
Titanium (Ti)	0.20
Aluminium (Al)	Balance

Mechanical Properties

Property	Value	Value
Temper	T6, T651	T73, T7351
Ultimate Tensile Strength	572 MPa	503 MPa
Yield	503	434
Elongation	11%	13%
Hardness Brinell	150	n/a

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