7075 Aluminium - AMS 4045

Typical Applications

Aircraft Fittings

Gears & Shafts

Missile Parts

Automotive

7075 is a very high strength aerospace aluminium through the addition of zinc and copper.

Offering superior corrosion resistance, 7075 provides very high yield and tensile strengths based on the temper it is supplied in.

Related Products

2014

7075

2618

2099

Technical specification

Density

2.81g/cm3

Chemical Composition (WT %)

	Min	Max
Al	Bal	Bal
Si	-	0.40
Fe	-	0.50
Cu	1.20	2.00
Mn	-	0.30
Cr	0.18	0.28
Mg	2.10	2.90
Zn	5.10	6.10
Ti	-	0.20

Typical Mechanical Properties

	Content
0.2% Proof Stress	372 - 462
Tensile Strength	462 - 538
Elongation	8

Reduction of area	-
Hardness	150

Need more information? ***Get in touch***

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Useful Links

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