Maraging 350 - AMS 6515

Typical Applications

Landing gear systems

Gears

Fasteners

Missile and Rocket motor cases

Torsion springs

Industrial Cutters



Maraging 350 (also known as Vascomax® 350, AMS 6515) is an 18% nickel, cobalt strengthened steel.

It is a very high strength material reaching a UTS of 2310 MPA after heat treatment. It is produced by Vacuum Induction Melting (VIM) followed by Vacuum Arc Remelting (VAR).

Related Products

Maraging 250 Stainless Steel

Maraging 300 Stainless Steel

Maraging 350 Stainless Steel

Technical specification

Related Specifications

AMS 6515

UNS K93160

Specific Gravity

8.0 g/cm3

Chemical Composition (WT %)

	Min	Max
C	-	0.03
Si	-	0.10
Mn	-	0.10
P	-	0.010
S	-	0.010
Al	0.05	0.15
Co	11.5	12.5
Ni	18.0	19.00
Mo	4.6	5.20
Ti	1.30	1.60
Cr	-	0.50
Cu	-	0.50

Typical Mechanical Properties after heat treatment

0.2% Proof Stress	MPA	2242
Tensile Strength	MPA	2310
Elongation	&	6
Reduction of area	%	25
Hardness	HRC	53



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

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