

AMS 6515, MARAGING 350 ACCIAIO INOSSIDABILE

Maraging 350 (noto anche come Vascomax® 350) è un acciaio al nichel del 18% rinforzato al cobalto. È un materiale ad altissima resistenza che raggiunge un UTS di 2310 MPA dopo il trattamento termico. È prodotto attraverso Vacuum Induction Melting (VIM) seguito da Vacuum Arc Remelting (VAR).

Specific Gravity

8.0 g/cm³

Typical Applications

Landing gear systems
Gears
Fasteners
Missile and Rocket motor cases
Torsion springs
Industrial Cutters

Related Specifications

AMS 6515

UNS K93160

Mil-S-46850D

Chemical Composition (Wt %)

	C	Si	Mn	P	S	Al	Co	Ni	Mo	Ti	Cr	Cu
Min	–	–	–	–	–	0.05	11.5	18.00	4.6	1.30	–	–
Max	0.03	0.10	0.10	0.010	0.010	0.15	12.5	19.00	5.20	1.60	0.50	0.50

Typical Mechanical Properties after heat treatment

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

* Every effort has been made to ensure that our technical specifications are accurate. However, technical specifications included within Dynamic Metals Ltd should be used as a guideline only and are subject to change without notice.

General Enquiries

T: +44 (0) 1525 217 556 [_\(tel:+4401525217556\)](tel:+4401525217556)

E: sales@dynamicmetalsltd.com [_\(mailto:sales@dynamicmetalsltd.com\)](mailto:sales@dynamicmetalsltd.com)



UK Address:

Head Office

40 Eden Way
Chartwell Business Park
Leighton Buzzard
Bedfordshire
LU7 4FY

T: +44 (0)1525 217 556 [_\(tel:+441525217556\)](tel:+441525217556)

Conversion Centre

Suite 2 Meadowhall Riverside
Meadowhall Road
Sheffield
South Yorkshire
S9 1BW

T: +44 (0)1143 030 320 [_\(tel:+4401143030320\)](tel:+4401143030320)

Registered Office (only)

The Granary
Crowhill Farm Ravensden Road
Wilden
Bedfordshire
MK44 2QS

T: +44 (0)1525 217 556 [_\(tel:+441525217556\)](tel:+441525217556)



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