

MARAGING 350 ACIER INOXYDABLE - AMS 6515

Le Maraging 350 (également appelé Vascomax® 300, AMS 6515) est un acier renforcé à 18% de nickel et cobalt. C'est un matériau de très haute résistance atteignant une Rm de 2310 MPA après traitement thermique. Il est produit par fusion par induction sous vide (VIM) suivie par un refondu sous vide à arc (VAR).

Specific Gravity													
8.0 g/cm3													
Typical Applications							Related Specifications						
Landing gear systems							AMS 6515						
Gears							UNS K93160						
Fasteners							Mil-S-46850D						
Missile and Rocket motor cases													
Torsion springs													
Industrial Cutters													
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.													

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