

MARAGING 300 ACIER INOXYDABLE - AMS 6514

Le Maraging 300 (également appelé Vascomax® 300, AMS 6514) est un acier renforcé à 18% de nickel et cobalt. C'est un matériau de très haute résistance atteignant une Rm de 1930 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						
Arbres de transmission Engrenages Fixations Train d'atterrissage et de décollage Systèmes de missiles et d'éjection Torsion springs							AMS 6514 ASTM A538 Mil-S-46850D UNS K93120 W.Nr 1.6358						
Chemical Composition (Wt %)													
	C	Si	Mn	P	S	Al	Co	Ni	Mo	Ti	Cr	Cu	Fe
Min	–	–	–	–	–	0.05	8.5	18.00	4.6	0.5	–	–	Bal
Max	0.03	0.10	0.10	0.010	0.010	0.15	9.5	19.00	5.20	0.8	0.5	0.5	–
Typical Mechanical Properties after heat treatment													
0.2% Proof Stress								Tensile Strength	Elongation	Hardness			
MPA								MPA	%	HRC			
Min								Min	Min	Min			
1862								1930	5	52			
* 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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