

ACCIAIO INOSSIDABILE AERMET 100

Aermet 100 ha un'elevata durezza e resistenza combinate con ottima durezza e duttilità. Viene generalmente utilizzato per applicazioni che richiedono tenuta elevata, elevata resistenza alla frattura e buona resistenza alla rottura e all'affaticamento della corrosione sotto sforzo.

Specific Gravity															
7.9 g/cm3															
Typical Applications								Related Specifications							
Landing Gear								AMS 6532							
Drive Shafts								UNS K92580							
Fasteners															
Actuators															
Jet Engine Shafts															
Chemical Composition															
	C	Al	Co	Cr	Mn	Mo	N	Ni	O	P	S	S+P	Si	Ti	Fe
Min	0.21	–	13	2.9	–	1.1	–	11	–	–	–	–	–	–	Bal
Max	0.25	0.015	14	3.3	0.1	1.3	0.0015	12	0.002	0.008	0.005	0.01	0.1	0.015	–
Typical Mechanical Properties after heat treatment															
										0.2% Proof Stress	Tensile Strength	Elongation	Reduction of area		
										MPA	MPA	%	%		
										Min	Min	Min	Min		
Longitudinal										1620	1931	10	55		
Transverse										1620	1931	8	45		
* 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

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