

ACCIAIO INOSSIDABILE PH 13/8MO, AMS 5629

13/8 è un acciaio inossidabile temprabile a precipitazione. di resistenza medio-alta ottenuto attraverso adeguati trattamenti di invecchiamento (vedere la tabella sotto per ulteriori informazioni) e contiene un'ottima resistenza alla corrosione da stress. È prodotto da Vacuum Induction Melting (VIM) seguito da Vacuum Arc Remelting (VAR).

Specific Gravity

7.76 g/cm³

Typical Applications

Fasteners

Valves

Fittings

Petrochemical Components

Aircraft Structural parts

Related Specifications

AMS 5629

UNS S13800

W.Nr 1.4534

Chemical Composition (Wt %)

	C	Si	Mn	P	S	Cr	Mo	Ni	Al	N	Fe
Min	–	–	–	–	–	12.24	2.00	7.50	0.90	–	Bal
Max	0.05	0.10	0.10	0.01	0.008	13.25	2.50	8.50	1.35	0.010	–

Typical Mechanical Properties

	0.2% Proof Stress	Tensile Strength	Elongation	Reduction of area		Hardness
	MPa	MPa	%	%		HRC
	Min	Min	Min	Min		Min
H950	1413	1517	10	45	35	45
H1000	1310	1413	10	60	40	43
H1025	1207	1276	11	50	45	41

H1050	1138	1207	12	50	45	40
H1100	931	1034	14	50	50	34
H1150	621	931	14	50	50	30

* 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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Conversion Centre

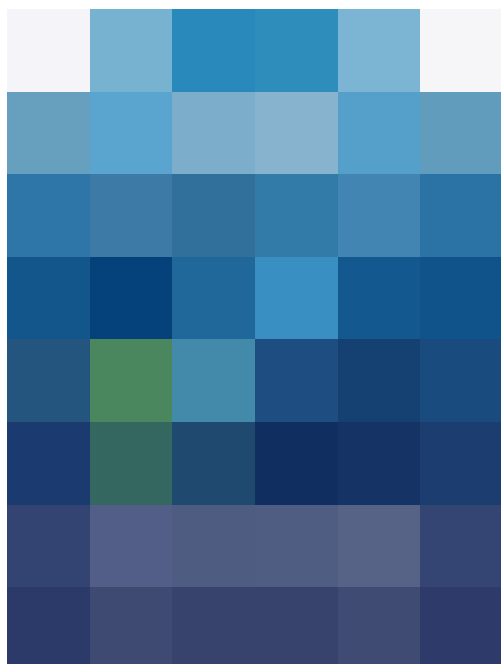
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