



TIG FICO188

Classification

AMS : 5801
EN 3888 : CoCr22Ni22W15

AFNOR : KcN22W

Description & Applications

Cobalt base solid rod for TIG harfacing of Cobalt alloy with similar chemical composition. Creep resistant and oxidation resistant up to 1150°C. Good behaviour to important thermal and mechanical shocks.

Main applications: Aeronautical industry.

Typical Chemical Composition (%)

	C	Si	Mn	Cr	Ni	Fe	W	La	P	S	B	Co
Min	0.05	0.20		20.00	20.00		13.00	0.02				
Max	0.15	0.50	1.25	24.00	24.00	3.00	16.00	0.12	0.020	0.015	0.015	Rem.
Type	0.10	0.30	0.80	22.0	23.0	2.0	14.0	0.05	0.006	0.002	0.003	Rem.

All Weld Metal Mechanical Properties

Hardness (as welded)

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Welding Current & Instructions

Welding mode	Shielding Gas
TIG = -	ISO 14175 : I1 (Ar) 6-12 L/min

FT En-TC03-170712

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