



TIG 11/3M

Old reference: TIG Z12CNDV12

Classification

ISO 14343-A : W Z 12 3 MoV

Description & Applications

Solid rod for TIG welding and repairing steels of similar chemical composition.

Main applications: Repairing of turbine blades.

Typical Chemical Composition (%)

C	Si	Mn	Cr	Ni	Mo	V	N ₂	P	S	Fe
0.12	0.3	0.7	11.8	2.7	1.7	0.3	0.03	<0.035	<0.025	Rem.

All Weld Metal Mechanical Properties

R _{0.2} (MPa)	R _m (MPa)	A ₅ (%)	KV (J)

Welding Current & Instructions

Welding mode	Shielding Gas
TIG = -	Ar : 6-12 l/min Back shielding : Argon / Nitrogen : 3-6 l/min

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