



# TIG 16/8M

Old reference: TIG 16-8-2

## Classification

ISO 14343-A : W 16 8 2

AWS A5.9 : ER16-8-2

## Description & Applications

Solid rod with low ferrite content for TIG welding similar steels, 316H, used at high temperature (up to 650/700°C).

**Main applications:** Distillation column in petrochemical or incineration industry

## Typical Chemical Composition ( % )

C	Si	Mn	Cr	Ni	Mo	Cu	P	S	Fe
0.1	0.45	2.1	16.5	8.6	2.0	<0.2	<0.03	<0.02	Rem.

## All Weld Metal Mechanical Properties

$R_{p0.2}$ ( MPa )	$R_m$ ( MPa )	$A_5$ ( % )	KV ( J )
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## 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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