



CEWELD SG TITAN Tig

TYPE Special TIG rod with de-oxidation additions for improved welding properties

APPLICATIONS recommended for applications that require high purity of the weld metal. Ideal for diluted, rusty, painted or galvanized steel plates in maintenance and repair. Car restoration, body shops, frames and overhaul work

PROPRIÉTÉS excellent desoxidation properties due to the addition of Zr, Ti and Aluminium.

CLASSIFICATION AWS A 5.18: ER 70S-2
EN ISO 636-A: W 46 2 2Ti

CONVIENT POUR **Rp< 460 MPa (70ksi) ISO 15608: 1.1** $\text{ReH} \leq 275 \text{ MPa}$, **1.2** $275 < \text{ReH} \leq 360 \text{ MPa}$, **1.3** $\text{ReH} > 360 \text{ MPa}$,
2.1 $360 < \text{ReH} \leq 460 \text{ MPa}$
1.0035, 1.0038, 1.0039, 1.0044, 1.0112, 1.0116, 1.0130, 1.0145, 1.0253, 1.0254, 1.0255, 1.0258, 1.0259, 1.0319, 1.0345, 1.0345, 1.0345, 1.0348, 1.0352, 1.0418, 1.0420, 1.0425, 1.0425, 1.0425, 1.0451, 1.0452, 1.0453, 1.0457, 1.0459, 1.0460, 1.0460, 1.0461, 1.0486, 1.0490, 1.0491, 1.0619, 1.1100, 1.0409, 1.0421, 1.0426, 1.0429, 1.0430, 1.0436, 1.0473, 1.0481, 1.0482, 1.0484, 1.0505, 1.0545, 1.0546, 1.0562, 1.0566, 1.0570, 1.0578, 1.0581, 1.0582, 1.8902, 1.8912, 1.8932
S235JR-S355JR, S235JO-S355JO, P195TR1-P265TR1, P195GH-P265GH, L245NB-L360NB, L245MB-L360MB, L415NB, L415MB, WStE 380, WStE 420, S420NL
A, B, D
ASTM A 106, Gr. A, B; A 283 Gr. A, C; A 285 Gr. A, B, C; A 501, Gr. B; A 573, Gr. 58, 65, 70; A 633, Gr. A, C; A 711 Gr. 1013; API 5 L Gr. B, X42, X52, X60 5

AGRÉMENTS CE

POSITIONS DE SOUDAGE



ANALYSE CHIMIQUE
TYPIQUE DU MÉTAL
D'APPORT (%)

C	Si	Mn	P	S	Cr	Ni	Mo	V	Cu	Al	Ti+Zr
0.05	0.5	1.2	0.01	0.01	0.034	0.018	0.006	0.002	0.11	0.1	0.17

PROPRIÉTÉS MÉCANIQUES

Heat Treatment	Rp0,2 (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V		Hardness
				RT	-30°C	
As Welded	470	560	24	100	55	HRc

ETUVAGE Not required

GAS ACC. EN ISO 14175 I1



CEWELD SG TITAN Tig

SG TITAN TIG 1,6 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663405531
SG TITAN TIG 2,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663405548
SG TITAN TIG 2,4 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663405562
SG TITAN TIG 3,2 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663405579