
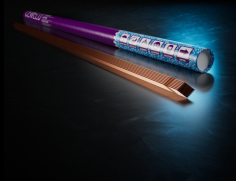


CEWELD SG TITAN Tig

TYPE	Special TIG rod with de-oxidation additions for improved welding properties																								
TOEPASSINGEN	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																								
EIGENSCHAPPEN	excellent desoxidation properties due to the addition of Zr, Ti and Aluminium.																								
CLASSIFICATIE	AWS A 5.18: ER 70S-2 EN ISO 636-A: W 46 2 2Ti																								
GESCHIKT VOOR	S185-E360, S235JR-S355JR, S235J0-S450J0, S235J2-S355J2, S275N-S460N, S275M-S460M, S460Q, P235GH-P355GH, P275N-P460N, P355M-P460M, P355Q-P460Q ASTM: A27, A36, A106 grades A/B/C, A139, A210 grades A1/C, A214, A216 grades WCA/WCB/WCC, A234 grade WPB. A334 grade 1 / API: 5L grades X42-X65																								
GOEDKEURINGEN	CE																								
LASPOSITIES																									
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>P</th> <th>S</th> <th>Cr</th> <th>Ni</th> <th>Mo</th> <th>V</th> <th>Cu</th> <th>Al</th> <th>Ti+Zr</th> </tr> </thead> <tbody> <tr> <td>0.05</td> <td>0.5</td> <td>1.2</td> <td>0.01</td> <td>0.01</td> <td>0.034</td> <td>0.018</td> <td>0.006</td> <td>0.002</td> <td>0.11</td> <td>0.1</td> <td>0.17</td> </tr> </tbody> </table>	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
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MECHANISCHE WAARDEN	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2">Heat Treatment</th> <th rowspan="2">R_{P0,2} (MPa)</th> <th rowspan="2">R_m (MPa)</th> <th rowspan="2">A₅ (%)</th> <th colspan="2">Impact Energy (J) ISO-V</th> <th rowspan="2">Hardness</th> </tr> <tr> <th>RT</th> <th>-30°C</th> </tr> </thead> <tbody> <tr> <td>As Welded</td> <td>470</td> <td>560</td> <td>24</td> <td>100</td> <td>55</td> <td>HRC</td> </tr> </tbody> </table>	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness	RT	-30°C	As Welded	470	560	24	100	55	HRC								
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HERDROGEN	Not required																								
GAS ACC. EN ISO 14175	I1																								



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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