


# CEWELD 308L Tig

TYPE	Stainless steel Tig filler metal for welding CrNi 18/10 types.( Type 308L, 19 9 L)															
APPLICATIONS	Boilers, agriculture, liquid storage tanks, food machinery, furniture.															
PROPERTIES	CEWELD® 308L Tig has good general corrosion resistance. The alloy has a low carbon content, making it particularly recommended where there is a risk of intergranular corrosion.															
CLASSIFICATION	AWS	A 5.9: ER308L														
	EN ISO	14343-A: W 19 9 L														
	F-nr	6														
	FM	5														
	W.Nr.	1.4316														
SUITABLE FOR	<b>ISO 15608: 8.1 Austenitic ≤ 19 % Cr 9%Ni , TÜV 1000: Gr. 21 - 22 (29 max.350°C),</b> 1.4301, 1.4306, 1.4307, 1.4308, 1.4311, 1.4312, 1.4316, 1.6900, 1.6901, 1.6902, 1.6903, 1.9606, 1.4541, 1.4546, 1.4550 X 5 CrNi 18 10, X 2 CrNi 19 11, X 5 CrNi 18 9, G-X 6 CrNi 18 9, X 12 CrNi 18 9, G-X 8 CrNi 18 10, X 6 CrNi 18 10, X 10 CrNiTi 18 10, X 5 CrNi 18 10 AISI 304, 304H, 312, 321H, 347, 347H, UNS S30409, S32109, S34709, S30400, S32100, S34700															
APPROVALS	CE															
WELDING POSITIONS																
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> </tr> </thead> <tbody> <tr> <td>0.02</td> <td>0.5</td> <td>1.5</td> <td>0.015</td> <td>0.015</td> <td>20</td> <td>10</td> </tr> </tbody> </table>		C	Si	Mn	P	S	Cr	Ni	0.02	0.5	1.5	0.015	0.015	20	10
C	Si	Mn	P	S	Cr	Ni										
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ALL WELD MECHANICAL PROPERTIES	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2">Heat Treatment</th> <th rowspan="2">R<sub>P0,2</sub> MPa</th> <th rowspan="2">R<sub>m</sub> MPa</th> <th rowspan="2">A<sub>5</sub> (%)</th> <th colspan="2">Impact Energy (J) ISO-V</th> </tr> <tr> <th>RT</th> <th>-196°C</th> </tr> </thead> <tbody> <tr> <td>As Welded /1h</td> <td>420</td> <td>595</td> <td>37</td> <td>120</td> <td>47</td> </tr> </tbody> </table>		Heat Treatment	R <sub>P0,2</sub> MPa	R <sub>m</sub> MPa	A <sub>5</sub> (%)	Impact Energy (J) ISO-V		RT	-196°C	As Welded /1h	420	595	37	120	47
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			RT	-196°C												
As Welded /1h	420	595	37	120	47											
REDRYING TEMPERATURE	Not required															
GAS ACCORDING EN 14175	I1															



# CEWELD 308L Tig

308L TIG 1,2 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663412348

308L TIG 1,6 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663412355

308L TIG 2,0 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663412362

308L TIG 2,4 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663412379

308L TIG 3,2 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663412386