


## 308 LSi Tig

<b>CATEGORY</b>	GMAW-GTAW Solid wires																																													
<b>TYPE</b>	Stainless steel Tig filler metal for welding CrNi 18/10 types.																																													
<b>APPLICATIONS</b>	Boilers, agriculture, liquid storage tanks, food machinery, furniture.																																													
<b>PROPERTIES</b>	308LSi has good general corrosion resistance. The alloy has a low carbon content, making it particularly recommended where there is a risk of intergranular corrosion. The higher silicon content improves the welding properties such as wetting.																																													
<b>CLASSIFICATION</b>	AWS	A 5.9: ER 308LSi																																												
	EN ISO	14343-A: W 19 9 L Si																																												
	DIN: W.Nr.	1.4316																																												
	DIN	8556: SG X2CrNi 19 9																																												
<b>SUITABLE FOR</b>	W.Nr:	1.4306, 1.4301, 1.4541, 1.4550, 1.4311, 1.4546, 1.4312, 1.4300, 1.4312, 1.4371, 1.4541, 1.4543, 1.4550, 1.4452																																												
	DIN	X2CrNi 19 11 (TP), X4CrNi 18 10 (TP), X6CrNiTi 18 10 (TP), X6CrNiNb 18 10 (TP), X2CrNiN 18 10 (TP), X5CrNiNb 18 10, G-X10CrNi 18 8 (TP),																																												
	AISI	202, 302, 304L, 304, 305, 321, 347, 304 LN																																												
		ASTM A320 Grade B8C/D, 302																																												
<b>APPROVALS</b>	TUV (12387.00), DB (43.206.02), CE approved																																													
<b>WELDING POSITIONS:</b>																																														
<b>WELD METAL WEIGHT %</b>	<table border="1"> <thead> <tr> <th>C</th> <th>Mn</th> <th>Si</th> <th>Cr</th> <th>Ni</th> <th>Mo</th> <th>P</th> <th>S</th> </tr> </thead> <tbody> <tr> <td>&lt;0.03</td> <td>1.0-2.5</td> <td>0.65-1.0</td> <td>19.5-22.0</td> <td>9.0-11.0</td> <td>&lt;0.75</td> <td>&lt;0.03</td> <td>&lt;0.03</td> </tr> </tbody> </table>							C	Mn	Si	Cr	Ni	Mo	P	S	<0.03	1.0-2.5	0.65-1.0	19.5-22.0	9.0-11.0	<0.75	<0.03	<0.03																							
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<b>REDRYING TEMPERATURE</b>	not required																																													
<b>GAS ACC. EN ISO 14175:</b>	I1																																													