



# CEWELD SG CrMo5 Tig

<b>TYPE</b>	Medium alloyed, high-strength 5% Chromium alloy.														
<b>ANWENDUNGEN</b>	Mainly used in pipeline, apparatus and boiler application. This alloy is specially intended for high integrity structural service at elevated temperature.														
<b>EIGENSCHAFTEN</b>	Designed for welding heat resistant steels to sustain working temperatures up to 650° C														
<b>KLASSIFIKATION</b>	<table border="0"> <tr> <td>AWS</td> <td>A 5.28: ER 80S-B6</td> </tr> <tr> <td>EN ISO</td> <td>21952-A: W CrMo5Si</td> </tr> <tr> <td>W.Nr.</td> <td>1.7373</td> </tr> <tr> <td>F-nr</td> <td>6</td> </tr> <tr> <td>FM</td> <td>3</td> </tr> </table>	AWS	A 5.28: ER 80S-B6	EN ISO	21952-A: W CrMo5Si	W.Nr.	1.7373	F-nr	6	FM	3				
AWS	A 5.28: ER 80S-B6														
EN ISO	21952-A: W CrMo5Si														
W.Nr.	1.7373														
F-nr	6														
FM	3														
<b>GEEIGNET FÜR</b>	<p>For matching 5%Cr-0.5%Mo creep resisting ferritic steels GX12CrMo5 (1.7362), X12CrMo5 (1.7363), Upto 1180 MPa</p> <p>ASTM: A182/A336 grade F5, A199/A213 grade T5, A217 grade C5, A234 grade WP5, A335 grade P5, A387 grade 5</p>														
<b>ZULASSUNGEN</b>	CE														
<b>SCHWEISSPOSITIONEN</b>															
<b>TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)</b>	<table border="1"> <thead> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>Cr</th> <th>Mo</th> </tr> </thead> <tbody> <tr> <td>0.08</td> <td>0.4</td> <td>0.6</td> <td>6</td> <td>0.6</td> </tr> </tbody> </table>	C	Si	Mn	Cr	Mo	0.08	0.4	0.6	6	0.6				
C	Si	Mn	Cr	Mo											
0.08	0.4	0.6	6	0.6											
<b>MECHANISCHE GÜTEWERTE</b>	<table border="1"> <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>Hardness</th> </tr> </thead> <tbody> <tr> <td>As Welded</td> <td>490</td> <td>570</td> <td>18</td> <td>110</td> <td>HRc</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	Hardness	As Welded	490	570	18	110	HRc
Heat Treatment	R <sub>p0,2</sub> (MPa)					R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Impact Energy (J) ISO-V							
		RT	Hardness												
As Welded	490	570	18	110	HRc										
<b>RÜCKTROCKNUNG</b>	Not required														
<b>GAS ACC. EN ISO 14175</b>	I1														



# CEWELD SG CrMo5 Tig

SG CRM05 TIG 1,6 X  
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663405975

SG CRM05 TIG 2,0 X  
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663405982

SG CRM05 TIG 2,4 X  
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663405999

SG CRM05 TIG 3,2 X  
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663406002