




CEWELD 430

TYPE	Solid stainless steel welding wire for ferritic stainless steels														
APPLICATIONS	CEWELD® 430 is a martensitic stainless steel welding wire for ferritic stainless steels.														
PROPERTIES	Good corrosion and temperature resistance and excellent weldability														
CLASSIFICATION	<table border="0"> <tr> <td>AWS</td> <td>A 5.9: ER430</td> </tr> <tr> <td>EN ISO</td> <td>14343-A: G 17</td> </tr> <tr> <td>W.Nr.</td> <td>1.4015</td> </tr> <tr> <td>F-nr</td> <td>6</td> </tr> <tr> <td>FM</td> <td>5</td> </tr> </table>	AWS	A 5.9: ER430	EN ISO	14343-A: G 17	W.Nr.	1.4015	F-nr	6	FM	5				
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EN ISO	14343-A: G 17														
W.Nr.	1.4015														
F-nr	6														
FM	5														
SUITABLE FOR	1.4000, 1.4002, 1.4016, 1.4057, 1.4740, 1.4742, 1.4057, 1.4059, 1.4741, 1.4509, 1.4510, 1.4511, 1.4512, 1.4520, 1.4712, 1.4713, 1.4724, X7Cr14, X12Cr13, X17CrNi16-2, X6Cr13, X6CrAl13, X6Cr17, X17CrNi16-2, X2CrTiNb18, X3CrTi17, X3CrNb17, X2CrTi12, X2CrTi17, X10CrSi6, X10CrAlSi7, X10CrAlSi13, X10CrAlSi18 UNS S40300, S40500, S40900, S41000, S42900, S43000, S43035, S43036, S43100, S44200 AISI 403, 405, 409, 410, 429, 430, 430Cb, 430Ti, 439, 431, 442														
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>Cr</th> <th>Ni</th> <th>Mo</th> <th>Cu</th> </tr> </thead> <tbody> <tr> <td>0.02</td> <td>0.3</td> <td>0.4</td> <td>16.5</td> <td>0.5</td> <td>0.06</td> <td>0.1</td> </tr> </tbody> </table>	C	Si	Mn	Cr	Ni	Mo	Cu	0.02	0.3	0.4	16.5	0.5	0.06	0.1
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MECHANICAL PROPERTIES	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Heat Treatment</th> <th>R_{P0,2} (MPa)</th> <th>R_m (MPa)</th> <th>A₅ (%)</th> <th>Hardness</th> </tr> </thead> <tbody> <tr> <td>As Welded</td> <td>320</td> <td>460</td> <td>21</td> <td>HRc</td> </tr> </tbody> </table>	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness	As Welded	320	460	21	HRc				
Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness											
As Welded	320	460	21	HRc											
REDRYING	Not required														
GAS ACC. EN ISO 14175	M11, M13, M12														



CEWELD 430

430 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663411990

430 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663412003

430 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663412027