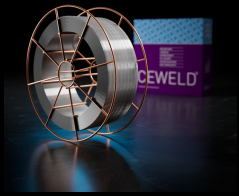


CEWELD MA 4115

TYPE	17% chrome stainless steel welding wire												
APPLICATIONS	Hardfacing of shafts from stainless steel parts, repair of moulds, rebuilding of pump parts, thermal spraying, etc. Suitable for plating and joining of ferritic chrome steels and similar and equal cast steels. The welds are subjected to the recommended heat treatment. This welding wire is particularly suitable for sealing surfaces of water, steam and gas valves, especially for sulphurous gases. The deposit is resistant to sea water, fine acids and scale in air and oxidizing gases up to 950°C. The solder deposit can be hardened.												
PROPERTIES	A stainless steel alloy for the assembly and cladding of 17% chromium alloys and age Hardfacing components where heat and corrosion resistance similar to AISI 304 is required. The weld deposit can withstand working temperatures up to 450°C and offers high hardness and wear resistance.												
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>DIN</td> <td>8555: E6-200-PR</td> </tr> <tr> <td>F-nr</td> <td>6</td> </tr> <tr> <td>FM</td> <td>5</td> </tr> <tr> <td>W.Nr.</td> <td>1.4115</td> </tr> </table>	AWS	A 5.9: ER430	EN ISO	14343-A: G 17	DIN	8555: E6-200-PR	F-nr	6	FM	5	W.Nr.	1.4115
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EN ISO	14343-A: G 17												
DIN	8555: E6-200-PR												
F-nr	6												
FM	5												
W.Nr.	1.4115												
SUITABLE FOR	1.4122 (G)X35CrMo17, Cast steels												
APPROVALS	CE												
WELDING POSITIONS													
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1"> <thead> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>Cr</th> <th>Ni</th> <th>Mo</th> </tr> </thead> <tbody> <tr> <td>0.2</td> <td>0.5</td> <td>0.6</td> <td>16.5</td> <td>0.5</td> <td>0.5</td> </tr> </tbody> </table>	C	Si	Mn	Cr	Ni	Mo	0.2	0.5	0.6	16.5	0.5	0.5
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ALL WELD MECHANICAL PROPERTIES	<table border="1"> <thead> <tr> <th>Heat Treatment</th> <th>R_{p0,2} MPa</th> <th>R_m MPa</th> <th>A₅ (%)</th> <th>Hardness Rockwell C</th> </tr> </thead> <tbody> <tr> <td>As Welded /</td> <td></td> <td></td> <td></td> <td>Avg. 45</td> </tr> </tbody> </table>	Heat Treatment	R _{p0,2} MPa	R _m MPa	A ₅ (%)	Hardness Rockwell C	As Welded /				Avg. 45		
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As Welded /				Avg. 45									
REDRYING TEMPERATURE	Not required												
GAS ACCORDING EN 14175	M11, M13, M12												



CEWELD MA 4115

MA 4115 1,2MM

Type	KG/unit	EANCode
BS-300	15	8720663403186