



CEWELD E CrMo5

TYPE	Medium and high alloyed basic electrodes for welding creep resistant steels								
TOEPASSINGEN	Construction and maintenance of power stations, oil (crack plant) and chemical plants								
EIGENSCHAPPEN	Cr and Mo-alloyed basic electrode for welding creep resistant steels and steel casting for working temperatures up to 600°C. The weld metal is resistant to high hydrogen pressure.								
CLASSIFICATIE	<table border="0"> <tr> <td>AWS</td> <td>A 5.5: E 8015-B6</td> </tr> <tr> <td>EN ISO</td> <td>3580-A: E CrMo5 B 42 H5</td> </tr> <tr> <td>F-nr</td> <td>4</td> </tr> <tr> <td>FM</td> <td>4</td> </tr> </table>	AWS	A 5.5: E 8015-B6	EN ISO	3580-A: E CrMo5 B 42 H5	F-nr	4	FM	4
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EN ISO	3580-A: E CrMo5 B 42 H5								
F-nr	4								
FM	4								
GESCHIKT VOOR	12crmo19.5, GS-12crmo19.5, 1.7362, 1.7363, 1.7373								

GOEDKEURINGEN CE

LASPOSITIES



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	Cr	Ni	Mo
0.07	0.4	0.7	5	0.05	0.5

MECHANISCHE WAARDEN

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
				RT	0°C	
725°C- 755°C 2h	520	630	22	100	60	HRc

HERDROGEN 400°C / 1 hr

GAS ACC. EN ISO 14175



CEWELD E CrMo5

E CRM05 2,5 X 350MM

Packaging	KG/unit	EanCode
Can	2,6	8720663400581

E CRM05 3,2 X 350MM

Packaging	KG/unit	EanCode
Can	2,5	8720663400598

E CRM05 4,0 X 450MM

Packaging	KG/unit	EanCode
Can	3,3	8720663400604

E CRM05 5,0 X 450MM

Packaging	KG/unit	EanCode
Can	3,3	8720663400611