CEWELD AA 410

certilas® THE FILLER METAL SPECIALIST

TYPE	CEWELD® AA 410 is a stainless flux cored wire for Hardfacing.(13% Cr Steel)
APPLICATIONS	Overlay of carbon and low-alloy steels for resistance to corrosion, erosion, or abrasion.
PROPERTIES	**CEWELD® AA 410** has higher hardness and is used in valve seats to obtain better galling resistance. Normally to obtain adequate ductility, preheat and post-weld heat-treatment are required . **CEWELD® AA 410** is a martensitic stainless steel that is heat-treatable. It has a nominal weld metal composition of 12% Chromium. These weld deposits are air hardenable that can normally be heat-treated after welding

CLASSIFICATION

AWS	A 5.22: E410T0-4
EN ISO	14700: T Fe7
W.Nr.	1.4009

SUITABLE FOR

Ferritic 13 % Chrome steel,
1.4000, 1.4001, 1.4002, 1.4003, 1.4006, 1.4008, 1.4021, 1.4024,
X6Cr13, X6CrAl13, X10Cr13, X15Cr13, X20Cr13, G-X10Cr13
AISI 410, 420

APPROVALS

No Approvals Found

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	P	Cr	Mo
0.12	0.8	1.2	0.015	13.5	0.5

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ MPa	Rm MPa	A5 (%)	Hardness Brinell Hardness
As Welded /				Avg. 330

REDRYING TEMPERATURE

Not required

GAS ACCORDING EN 14175

M21

CEWELD AA 410

AA 410 1,2MM

Type	KG/unit	EANCode
BS-300	15	8720663413826