



# CEWELD AA 410

**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**

**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

MECHANICAL PROPERTIES	Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
	As Welded				330 HB

**REDRYING** Not required

**GAS ACC. EN ISO 14175** M21



# CEWELD AA 410

AA 410 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663413826