

CEWELD E DUR 49

TYPE Fe, Cr, Co and Mo based electrode. (Fe3,

APPLICATIONS The most common areas of application from CEWELD E DUR 49 are: Hardfacing of forging presses, hot piercing dies, stretching rolls, pinch rolls, hot strip mill table rolls and back-up

PROPERTIES CEWELD E DUR 49 has a stainless weld metal based on Fe, Cr, Co, Mo. This alloy has a high hot and hot wear resistance, high resistance to sliding wear of metallic sliding wear of metallic objects. It has good hardness retention up to 650° C and is scale resistant up to up to 900° C as well as thermal shock resistant and resistant to sudden temperature fluctuations. Work hardening. Not crack sensitive. The number of layers can be applied as required.

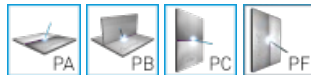
CLASSIFICATION EN ISO 14700: E Fe3

SUITABLE FOR

- 1.2311 40CrMnMo 7
- 1.2343 X38CrMoV 5 1
- 1.2344 X40CrMoV 5 1
- 1.2365 X32CrMoV 3 3
- 1.2367 X38CrMoV 5 3
- 1.2606 X37CrMoW 5 1
- 1.2713 55NiCrMoV 6
- 1.2714 56NiCrMoV 7

APPROVALS

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	Cr	Mo	Fe	Co
0.15	0.6	0.6	14	2.3	Rem.	13

MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded				48 HRc

REDRYING 300°C / 2 hr

GAS ACC. EN ISO 14175



CEWELD E DUR 49

E DUR 49 3,2 X 350MM

Packaging	KG/unit	EanCode
Can	3	8720663402141