

CORODUR 720

CLASSIFICATION:

DIN EN 14700
Special alloy

GENERAL CHARACTERISTICS:

CORODUR 720 is a relatively low alloyed flux cored wire. The weld deposit is ideal for parts subject to impact, metal to metal friction and severe fine particle abrasion/erosion actions. It gives a full martensitic deposit which is rich in iron-borides and iron carbides. The working temperature should not exceed 200°C in order to keep wear minimal.

APPLICATION:

Dredges, concrete pumps, driving Screws, fine particle (sand) wearing parts.

TYPICAL ALL WELD METAL ANALYSIS (%):

C	Si	Mn	Ni	B	Fe
0,7	1,0	2,0	2,0	4,5	Base

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Hardness: 65 – 68 HRc

PARAMETER:

Diameter	Volt	Ampere
1,2	19 – 24	140 - 240
1,6	20 - 26	160 - 260
2,0	22 - 26	240 - 280
2,4	24 - 27	280 - 340
2,8	25 - 28	320 - 400

FORMS OF DELIVERY:

Coil "BS 300" = 15 kg | Coil "BS 450" = 25 kg | Drums = 300 kg

OA = gasless, G = gas shielded