

CORODUR[®] 42

CLASSIFICATION:

DIN EN 14700 DIN 8555
T Fe14 MF 10-45-CGT

GENERAL CHARACTERISTICS:

CORODUR 42 is a tubular wire for hardfacing applications, resistant to wear and corrosion. The deposit is highly Cr- Ni- Mo- alloyed and is used in places, where one can expect corrosive as well as abrasive wear. CORODUR 42 can therefore be seen as a substitution for. The alloy can be additionally worked with metalloid cutting tools.

APPLICATION:

Press screws and kneader for meat processing and feeding stuff industry, chemical industry, palm oil screws, conveyer screws

TYPICAL ALL WELD METAL ANALYSIS (%):

C	Si	Mn	Cr	Ni	Mo
1,9	1,0	1,0	28,0	3,0	0,8

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Hardness: 41 – 44 HRc

PARAMETER:

Diameter	Voltage	Amps
1,2	20 - 25	140 - 240
1,6	22 - 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" = 15 kg | Drums = 300 kg

G = Gas shielded, SA = Submerged Arc