CORODUR® 733

CLASSIFICATION:

DIN EN 14700 DIN 8555
T Z Fe15 MF 10-70-GT

GENERAL CHARACTERISTICS:

CORODUR 733 is a flux cored wire electrode containing extremely hard Cr-carbides and niobium-carbides embedded in a Fe- Cr- Nb- B- matrix with complex carbides. The weld deposit is very fine-grained and extremely hard. A hardness of 67 HRc in the first layer is possible. It is suitable for hardfacings of applications requiring high abrasion resistance with at the same time minor impact resistance and wear resistance up to a working temperature of up to 450° C

APPLICATION:

Worm conveyer screws, sand-preparing plants, dredgers, mixers, ceramic industry, fan baffles, pump casings, briquetting plants etc.

TYPICAL ALL WELD METAL ANALYSIS (%):

C	Si	Mn	Cr	Nb	B
4,0	0,8	1,5	19,0	4,0	1,5

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Hardness pure weld metal: 66 - 68 HRc

PARAMETER:

Diameter	Voltage	Amps
1,2	20 – 24	150 – 200
1,6	22 - 26	180 - 240
2,0	25 – 27	220 – 260
2,4	25 – 27	260 – 300
2,8	26 – 28	280 - 340

FORMS OF DELIVERY:

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

OA = gasless, G = gas shielded