

CORODUR[®] 601

CLASSIFICATION:

DIN EN 14700 DIN 8555
T Fe3 MF 6-60-PT

GENERAL CHARACTERISTICS:

CORODUR 601 is a Cr- Mo- V- W- alloyed weld deposit with excellent properties of resistance to abrasion and impact. The deposit has a high heat resistance up to 550°C. Deposits can be heat treated to increase the hardness. For base materials that are difficult to weld, a buffer layer of 200 K or 250 K is recommended. Preheating is recommended. For use on hammer and blooming table rolls, blowbars and bucket teeth.

APPLICATION:

Screws, crusher hammers, drive tumblers

TYPICAL ALL WELD METAL ANALYSIS (%):

C	Si	Mn	Cr	Mo	V	W
0,5	1,0	3,0	6,5	1,5	1,5	1,0

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Hardness: 55 - 58 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, SA = Submerged Arc