

CORODUR[®] 61

CLASSIFICATION:

DIN EN 14700 DIN 8555
T Z Fe15 MF 10-65-G

GENERAL CHARACTERISTICS:

High C- Cr- Nb- B- alloyed flux-cored wire electrode with special carbides combined with cubic Nb-carbides in extreme hardness. This combination results in high abrasion resistance to mineral wear. Applications are found in the hardfacing of mining equipment, augers, impellers and dredgers.

APPLICATION:

Brown coal mining, brick and tile industry, mining industry, sand and gravel excavator, cement and concrete industry, conveyor screw, cement and concrete pumps, mixer paddles, stirring devices, fan blades, excavator scoops, bucket lips, wear plates

TYPICAL ALL WELD METAL ANALYSIS (%):

C	Si	Mn	Cr	Nb	B
5,2	1,3	0,4	22,0	7,0	1,0

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Hardness: 62 – 65 HRc

PARAMETER:

Diameter	Voltage	Amps
1,6	20 - 28	160 - 260
2,0	22 - 28	200 - 280
2,4	24 - 29	280 - 340
2,8	26 - 30	320 - 400

FORMS OF DELIVERY:

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

OA = gasless, SA = Submerged Arc