CORODUR® 816

CLASSIFICATION:

DIN EN 14700
T Fe8

GENERAL CHARACTERISTICS:

CORODUR 816 is a Cr- Mo- Ni- alloyed weld deposit with excellent properties of resistance to impact at higher temperature. The wire is designed for maintenance of hot working tools and to increase their service life. For dies subjected to high heat and stress when a machinable deposit is required.

TYPICAL ALL WELD METAL ANALYSIS (%):

C	Si	Mn	Cr	Ni	Mo	Ti
0,28	0,7	0,6	10,0	1,7	3,0	0,2

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Hardness: 48,5 - 52 HRc
Tensile strength: 1600 – 1800 N/mm²

PARAMETER:

Diameter	Voltage	Amps
1,6	22 - 26	180 - 240
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

G = gas shielded

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