

CORODUR® 816

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 (%)

Basis = Fe

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

Hardness HRC

41-47

Tensile strength
N/mm²

1600-1800*

* machinable

HOT FORGING MOLDS

PARAMETER

Diameter	Voltage	Amps
1,6	22-26	180-240
2,4	25-27	260-300
2,8	26-28	280-340

Other dimensions on request

FORMS OF DELIVERY

Unit	Weight
Coil BS 300	15 kg
Coil B 450	25 kg
Drums	300 kg

G = Gas shielded