

# CORODUR® 733

CORODUR® 733 is a flux cored wire electrode containing extremely hard Cr-carbides and niobiumcarbides 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



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

TYPICAL ALL WELD METAL ANALYSIS (%)					Base = Fe
C	Si	Mn	Cr	Nb	B
4,0	0,8	1,5	19,0	4,0	1,5
Hardness HRc		66-68			

IMPACT RESISTANT APPLICATIONS

PARAMETER			FORMS OF DELIVERY	
Diameter	Voltage	Amps	Unit	Weight
1,2	20-24	150-200	Coil BS 300	15 kg
1,6	22-26	180-240	Coil B 450	25 kg
2	25-27	220-260	Drums	300 kg
2,4	25-27	260-300		
2,8	26-28	280-340		
Other Dimensions on demand			G = Gas shielded, OA = Open Arc, SA = Submerged Arc	