

CORODUR® WZ 57

For an air-hardening and wear-resistant alloy that can be applied to reclaim hot-forging dies and to overlay the edges and flat areas of low alloyed high-density steel tools, use the CORODUR® WZ 57 flux cored wire.

CORODUR® WZ 57 is typically applied on: Slab

shears, hot-forging dies, drawing dies, containers, crushing equipment and depressions created by forging, pressure and impact stress. Before heat treatment the weld deposit is machinable.



Heat treatment retentivity, hot hardening.

TYPICAL ALL WELD METAL ANALYSIS (%)

Base = Fe

C	Si	Mn	Cr	Mo	Co	V	W
0,35	0,8	0,8	13,0	2,2	10,0	0,3	5,5

Hardness HRC	50-53 As welded; air cooled	57-59 Heat treated 1h at 530 °C. Furnace cooling
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PARAMETER

Diameter	Voltage	Amps
1,2	18-24	140-240
1,6	20-26	160-260
2,0	22-26	240-280
2,4	24-27	280-340
2,8	25-28	320-400

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, OA = Open Arc, SA = Submerged Arc