

CORODUR® WZ 55

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 55 flux cored wire.

CORODUR® WZ 55 is typically applied on: Slab shears, hot-forging dies, drawing dies, containers, crushing equipment and depressions created by forging, pressure and impact stress.



Forging tools, hot shear blades.

TYPICAL ALL WELD METAL ANALYSIS (%)

Base = Fe

C	Si	Mn	Cr	Co	V	W
0,35	0,8	1,2	3,0	2,0	0,5	7,0

Hardness HRC	53-56 As welded; air cooled	56-58 Heat treated 2h at 530 °C. Furnace cooling
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TOOL STEEL ALLOYS

PARAMETER

Diameter	Voltage	Amps
1,2	18-24	140-240
1,6	20-27	160-270
2,0	25-28	220-280
2,4	26-30	260-340
2,8	28-30	320-400
3,2	28-31	360-450

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