

CORODUR® WZ 59

The wear and heat-resistant deposit of this CORODUR® WZ 59 flux cored wire electrode in high-speed steel quality is suitable for repair and manufacture of hot and cold working tools,

stamps and counter dies etc. The weld deposit can be heat treated and has a retention of hardness up to 550 °C.



High speed steel tools, pinion-type cutters, chisels.

TYPICAL ALL WELD METAL ANALYSIS (%)

Base = Fe

C	Si	Mn	Cr	Mo	W
0,5	0,6	1,2	5,0	3,5	3,5

Hardness HRC	57-59 As welded; air cooled	59-61 Heat treated 2h at 530 °C. Furnace cooling	56-58 Special heat treatment needed
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PARAMETER

Diameter	Voltage	Amps
1,2	18-24	140-220
1,6	20-24	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