

## **CORODUR<sup>®</sup> WZ 59**

### **CLASSIFICATION:**

DIN EN 14700                      DIN 8555  
T Fe4                                MF 4-55-ST

### **GENERAL CHARACTERISTICS:**

The wear and heat resistant deposit of this 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.

### **APPLICATION:**

High speed steel tools, pinion-type cutters, chisels

### **TYPICAL ALL WELD METAL ANALYSIS ( % ):**

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

### **TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:**

Hardness: 57 - 59 HRc

### **PARAMETER:**

Diameter	Voltage	Amps
1,2	20 - 24	150 - 200
1,6	22 - 26	180 - 240
2,0	25 - 27	220 - 260
2,4	25 - 27	260 - 300
2,8	26 - 28	280 - 340

### **FORMS OF DELIVERY:**

Coil "BS 300" = 15 kg      |      Coil "BS 450" = 25 kg      |      Drums = 300 kg

OA = gasless, G = gas shielded, SA = Submerged Arc