

## CORODUR 65Z

CORODUR 65 Z is highly alloyed C-Cr-Mo-Nb-W-V tubular wire gives weld deposit of extremely hard carbides. It is used for hardfacing and the weld metal has excellent abrasion resistance at high temperature. Weld deposit performs extremely well against strong mineral wear. The weld deposit retains its wear resistance up to 650°C. Best results are achieved by welding in two layers.

### Applications:

Blast – furnace bells, fire grates, crusher, sinter wheel breakers, smelter loading chutes, etc.

### Standard:

**DIN 8555 - MF- 10- 65- GZ**

### Hardness:

**63 - 65 HRC**

### Typical Alloying Element:

|   |    |    |    |    |    |   |   |
|---|----|----|----|----|----|---|---|
| C | Si | Mn | Cr | Nb | Mo | V | W |
|---|----|----|----|----|----|---|---|

### Welding Parameters:      Current: DC+

| DIA. (mm) | VOLTAGE | AMPS      |
|-----------|---------|-----------|
| 1.6       | 22 – 25 | 170 – 230 |
| 2.0       | 24 – 27 | 220 – 260 |
| 2.4       | 25 – 29 | 260 – 330 |
| 2.8       | 27 – 30 | 300 - 360 |

### Standard Packing :

**Spool = 15 kgs(± 1kg)      Spool = 25 kgs(± 1kg)      Drum = 200 - 250kgs**

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