

Felix 743 AC-DC

Premium High Toughness Hardfacing Electrode With High Resistance to Wear and Moderate Impact .



Special Features

- * Air Hardening Electrode Offering High Abrasion Resistance With Moderate Impact Resistance .
- * The Deposit Is Not Machinable But Can Be Ground If Necessary .
- * All Position Welding Possible .
- * High Crack Resistance .

Typical Properties

Hardness 54 - 59 HRC
Wear Coefficient 2.20 %

Applications

- * Typical Application Include Dipper Teeth , Mill Guides , Rebound Crushers , Mixer Arms , Rolling Crushers , Conveyor Buckets , Grader Blades , Excavating Teeth , Coal Crusher Segments And Many More Operating In Sand , Clay , Cement And Coal .

International Specifications

Proprietary Product

Recommended Amperage Settings

Diameter (mm)	3/32 (2.5)	1/8 (3.15)	5/32 (4.0)	3/16 (5.0)
Minimum Amperage	70	90	120	150
Maximum Amperage	90	120	140	180

Welding Techniques

Clean Weld Area . Stringer Beads Or Weaves Can Be Used With Short Arc Lengths . Full Hardness Can Be Achieved With Maximum 3 Layers . Minimal Slag Is Produced And Can Be Overwelded Without Prior Removal .



FELIX
Innovative Metallurgy

A Quality Product From Ferrite