

# ZEDALLOY VB

**IDENTIFICATION:** Name Printed

**CURRENT CONDITIONS:** AC, DC (+)

5.0      4.0      3.2  
140-180    110-140    90-110

## CHARACTERISTICS

The weld metal deposited is alloyed Cast Iron which is hard and extremely resistant to abrasion and metal-to-metal wear. The weld metal is designed to be specially resistant to scratching abrasion and to occasional grinding abrasion such as caused by hard stone particles on Oil-exPELLER worms. The built-up surface does not deteriorate through furrowing, local plastic flow and micro cracking. All sizes strike and re-strike easily.

## WELDING POSITIONS

F

## REDRYING CONDITIONS

300°C for 1 hour

## TYPICAL APPLICATIONS

For reclamations of Oil expeller worms, Concrete mixer blades, Scrapper blades, Screw conveyors, Cement die rings, Muller tyres, Plough Shares, Dippers, Excavator teeth, etc.

### WELD METAL CHEMISTRY, (%)

C - 2.20-2.80	S - 0.03 max.
Mn - 0.80-1.25	P - 0.03 max.
Si - 2.5-3.5	Cr - 3.0-4.0

### PACKING DATA

Dia., mm	5.0	4.0	3.2
Length, mm	450	450	450
Wt. per carton, kg	5	5	5
Cartons / box	4	4	4
Net wt per box, kg	20	20	20

### TYPICAL PROPERTIES OF WELD METAL

Weld Metal Hardness 3 Layer Deposit	Machinability	Abrasion Resistance	Impact Resistance	Corrosion Resistance
As Welded 600 BHN (Approx.)	Non Machinable	Excellent	Moderate	Average



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