



ZEDALLOY 600

HARD FACING (Moderate - Abrasion Impact)

ALLOY BASIS

C, Mn, Si, Cr, Mo

KEY FEATURES:

- Rutile type heavy coating
- Extremely hard non machinable deposit
- Deposit can be finished by grinding
- High hardness in single layer
- Suitable for high carbon and high sulphur steels
- Can withstand mild impact


TYPICAL APPLICATIONS:

- Drilling bits, Punches, Dies
- Crane wheels, Shear blades
- Crushers, Hammers
- Paper cutting knives, Mine rails
- Oil expeller worms
- Conveyor parts




MECHANICAL PROPERTIES OF ALL WELD METAL:

Condition	1 Layer, Hardness, HRc (BHN), Typical
As Welded	58 (600)

PARAMETERS - PACKING DATA:

Ø x L, mm	Amperage, A	
3.15 x 450	100-140	 AC (70 OCV) / DCEP REDRYING CONDITION: 110°C for minimum ½ hr.
4.0 x 450	140-180	
5.0 x 450	180-220	

Available in Standard carton packing of 20 kg box containing 4 cartons of 5 kg each.

Machinability	Abrasion Resistance	Impact Resistance	Corrosion Resistance
			

Physical Properties: With increase in number of squares, property improves