

# 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)
As Welded	58 (600)

## PARAMETERS - PACKING DATA:

<b>Ø x L, mm</b> 3.15 x 350 4.0 x 350 5.0 x 450	<b>Amperage, A</b> 100-140 140-180 180-220	 <b>AC (70 V) / DCEP</b>	All Positions, except vertical Downwards 
		<b>REDRYING CONDITION:</b> 250-300°C for minimum 1 hr.	

Available in Standard carton packing of 20 kg box containing 4 cartons of 5 kgs each. Also available in vacuum packing

Machinability	Abrasion Resistance	Impact Resistance	Corrosion Resistance
			

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