

# ZEDALLOY CoCr-A

**HARD FACING (High Temperature Oxidation - Impact - Abrasion)**

## ALLOY BASIS

C, Co, Cr

## KEY FEATURES:

- Rutile coated electrode
- Machinable weld deposit
- Retains hardness up to 600°C
- Resistant to Metal to Metal Wear, High temperature Oxidation and Mechanical and Thermal Shocks



## TYPICAL APPLICATIONS:

- Valves, Valve seats
- Sealing surfaces
- Hot pressing tools
- Conveyor screws
- Hot shear blades, Knives
- Dies and cutting edges in chemical, rubber, oil, sugar industries and Steel mills





## MECHANICAL PROPERTIES OF ALL WELD METAL:

| Condition | Hardness, HRC (BHN) |                 |
|-----------|---------------------|-----------------|
| As Welded | At Room Temp        | 35-40 (320-370) |
| As Welded | At 600°C            | 33 (310)        |

## PARAMETERS - PACKING DATA:

|  |   |   |   |
|--|---|---|---|
| <b>Ø x L, mm</b><br>3.15 x 350<br>4.0 x 350<br>5.0 x 350 | <b>Amperage, A</b><br>100-140<br>140-180<br>180-220 |  <b>AC (70 V) / DCEN</b> | All Positions, except vertical Downwards<br> |
|  |   | <b>REDRYING CONDITION:</b><br>200°C for 1 hr.   |   |

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

| Machinability   | Abrasion Resistance   | Impact Resistance   | Corrosion Resistance  |
|---|---|---|---|
|  |  |  |  |
| <b>Physical Properties: With increase in number of squares, property improves</b>   |   |   |   |