

# THE STRONGEST ONE ROD SOLUTION FOR ECONOMICAL WELDING REPAIR OF ALL STEELS, WHERE HIGH STRENGTH IS THE REQUIREMENT

# SPECIAL FEATURES



- THE ONE ROD MAINTENANCE SOLUTION FOR ALL STEELS
- SELF RELEASING SLAG
- SUITABLE FOR WELDING ALL POSITIONS
- VERY LOW HEAT INPUT INTO BASE MATERIAL
- NON CRACKING HIGH RELIABILITY
- **EXCELLENT MACHINABILITY**

### APPLICATIONS

- ALL Dissimilar Steels Low Medium alloy steels to carbon steels.
- Carbon Steels, to S.S, S.S. to Mn Steel etc, & Specialized Fabrications
- Ideal for repair of tools, dies, springs, Pressure Vessels, aircraft steels, Vanadium - Moly spring steels and as a base to applying hard facing alloys.
- Suitable for rebuilding shafts and blades used in the chemical construction and mining industries & for removal of broken studs.
- Provides reliable risk free result in dies & forging materials & tool steels.

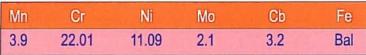
## MACHANICAL PROPERTIES of AST 101-OE

| Undiluted Weld Metal | Maximum Value Upto           |
|----------------------|------------------------------|
| Tensile Strength as  | upto 136.000 psi (102kg/mm²) |
| Work Hardens         | upto 280,000psi (194kg/mm²)  |
| Yield Strength       | upto 95,000 (66kg/mm²)       |
| Elongation%          | 40%                          |
| Hardness (HB)        | approx 330 HB                |
| Work Hardness        | upto 480 HB                  |
| Heat resistance      | upto 2000 degree (1093°C)    |
| Current              | AC/DC+                       |
|                      |                              |

INTERNATIONAL SPECIFICATIONS

PROPRIETARY





Flux Colour - Sky Blue FINALLOY USA MAKE Product of USA

