

Finalloy

FINALLOY AST 101-OE AC-DC (RP)

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/mm ²)
Work Hardens	upto 280,000psi (194kg/mm ²)
Yield Strength	upto 95,000 (66kg/mm ²)
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

WELD METAL ANALYSIS (Typical Weight %) for AST 101-OE

Mn	Cr	Ni	Mo	Cb	Fe
3.9	22.01	11.09	2.1	3.2	Bal

Flux Colour - Sky Blue
FINALLOY USA MAKE

Product of USA

Finalloy
The

FINAL welding solution