

Finalloy

FINALLOY AST 101 AC - DC (RP)

SUPER ECONOMICAL, SUPER STRENGTH WELDING ELECTRODE FOR ALL KNOWN & UNKNOWN COMPOSITION STEELS.

SPECIAL FEATURES



- ▶ ONE ROD MAINTENANCE SOLUTION FOR ALL STEELS INCLUDING TOOL STEELS.
- ▶ SMOOTH WELD TRANSFER - MINIMAL SPATTER.
- ▶ SELF RELEASING SLAG.
- ▶ NO PREHEATING NECESSARY FOR HIGH HARDNESS STEELS.
- ▶ STABLE ON LOW, OPEN CIRCUIT AC BUZZ BOXES.
- ▶ IDEAL FOR REPAIR OF WORN PARTS & TOUGH UNDERLAY FOR HARDFACING.

APPLICATIONS

- All dissimilar steels - S.S. to M.S., S.S. to C.S., M.S. to Mn steel, etc.
- High & Low Carbon, High & Low Alloy, Spring Steel, Manganese Steel, Stainless Steels & Unknown Composition Steels.
- Tool & Die Steels.

MECHANICAL PROPERTIES of AST 101

Undiluted Weld Metal	Maximum Value upto :
Tensile strength as welded work hardened	upto 128,000 psi (88kg/mm ²) upto 186,000 psi (128kg/mm ²)
Yield Strength	upto 90,000 psi (63kg/mm ²)
Elongation %	approx. 32
Hardness	approx. 320

WELD METAL ANALYSIS (Typical Weight%) for AST 101

C	Mn	Si	S	P	Cr	Ni	Mo	Cu	V	Ti	Cb
.140	.54	1.05	.014	.027	25.24	9.69	0.10	0.05	0.07	0.013	0.05

Flux Colour - Pale Yellow

Product of USA

Finalloy
The
FINAL welding solution