

Addifix

685

AN IMPROVED, SELF-POLISHING ALLOY FOR BUILDING UP AND JOINING FERROUS AND COPPER-BASE METALS (Neutral flame)

Tensile Strength: 80,000-90,000 PSI
Elongation: 29-34 percent
Hardness: 110 Brinell
Diameters: 1/8 – 3/16 by 1/8 inches

Good machinability after build up. Bonds to the base metal at low temperatures (black heat). The alloy may be easily flame shaped to form a missing gear tooth or lug. Excellent resistance to sliding frictional wear. May be used on cast iron, steel, stainless steel, Monel, bronze and other copper alloys.

-
- **Good machinability after buildup.**
 - **Work hardens in service.**
 - **Bonds to the base metal at lower temperatures (black heat).**
 - **Corrosion resistant.**
 - **Easy handling alloy may be flame shaped.**
 - **Combines strength, machinability, work hardenability, and resistance to frictional wear.**

Alloys which may be overlaid are:

Steel, cast iron, stainless steel, Monel, bronze and other copper base alloys.

MADE IN USA

Typical Industrial Applications: Gear teeth, cams, pistons, impellers, propellers, shafts, bearings, pulleys, turbines, valves, brewery mash rakes, bronze on steel slides, and other machinable overlays.