



**Welding Products**

**Distributed by Agri Tool & Supply**

# FP91

## Data Sheet

### **GENERAL DESCRIPTION:**

Excellent resistance to metal-to-metal friction. Resists scoring, seizing. A hard, nickel-base alloy with excellent wear properties. Coatings are resistant to abrasion, erosion and adhesive wear. Produces a smooth wear scar in service. For use on steels, cast iron, stainless steels and nickel alloys. Finish by grinding.

### **APPLICATIONS:**

- Mandrels,
- Tappets
- Plug Guages
- Molds
- Camshafts
- Augers
- Cams
- Screws
- Fan Blades
- Farm Equipment
- Many other applications

### **PROPERTIES:**

Typical hardness: RC 60  
Nominal Chemistry: Ni + 27% (Cr,B,Si,Fe,C)  
Typical mesh Size: -140 + 20  $\mu$ m  
ASTM G65 Wear: 30 mm<sup>3</sup> vol. loss  
Max. Service Temp: 1020° F (550° C)

### **CROSS REFERENCE:**

Eutectic-10009      Rankin -SP-64      Rockmount - A-P      Stoody 60