

**Postle Industries, Inc.**

Cleveland, OH USA

Phone: 216-265-9000

Fax: 216-265-9030

E-Mail: [sparky@postle.com](mailto:sparky@postle.com)

Web Site: [www.hardbandingsolutions.com](http://www.hardbandingsolutions.com)



Data Sheet

## POSTALLOY® CP63070- M Powder Alloy

### Description

**Postalloy CP63070-M** is a nickel base self-fluxing alloy combined with a high percentage of tungsten carbide powder. The low fusing temperature of this alloy combined with the proper distribution of carbides helps to reduce the melting of the carbides into the matrix. This produces the highest amount of abrasion resistance possible. A tightly controlled mesh range also helps to reduce unwanted overspray and gives the operator more control of the puddle.

The characteristics of this coating make it an ideal choice for many applications:

- Superior abrasion and corrosion resistance
- Very smooth deposits
- Thickness of up to .075" may be applied without special techniques
- Wide plastic range, easy to fuse

### Typical Uses:

Drill Pipe Stabilizers	Auger Points	Plow Discs
Sucker Rod Couplings	Cane Knives	Pug Mill Augers
Tappets	Coal Feeder Screws	Pug Mill Knives
Valve Gates and Stems	Mixer Blades	Shafts
Mixer Paddles	Sleeves	

### Hardness:

Average Hardness (Tungsten Carbide)	88-90Rc
Average Hardness (Matrix)	58-62Rc

### Coverage:

.040 pounds per square inch at .075 thick

### Postalloy CP63070-M may be applied to:

Carbon	Steels Stainless Steels	Cast Irons
Monel	Nickel Alloys	Cobalt Alloys