

HABCO HP 60

**SUPER DENSE, HIGH ABRASION RESISTANT ALLOY
FOR MOST FERROUS AND NICKEL BASE ALLOYS**

FEATURES

HABCO HP 60 is an alloy designed for severe abrasion and frictional wear resistance even in very thin overlays. It resists galling at higher temperatures. Very fine micro finishes are possible.

APPLICATIONS

Because of the low coefficient of friction **HABCO HP 60** is excellent for applications involving metal to metal contact. Certain synergistic elements provide excellent, wetting capability on steels, cast iron, stainless steel, nickel and nickel base alloys. Excellent for parts that are subject to wear such as cams, activator fingers, shredding blades and small hammer mill paddles.

PROCEDURE

The area to be overlaid should be cleaned just before applying. Pre-heat the entire area to 600°F (316°C) on steel, a blue tint will be noticed. Spray a thin layer of powder over the entire area keeping the torch tip approximately 2-3 inches from the work piece. Without spraying any more alloy, position the tip about 3/4 inch to 1 inch above the work piece and wet the alloy out. If a thicker deposit is required, repeat the process.

TECHNICAL DATA

HABCO HP 60 is a High nickel chromium homogeneous alloy that gives it a unique, dense, smooth, hard surface. It wets out well on most base metals. Finishing must be accomplished by grinding, nitrified grinding wheels are recommended.

Hardness: RC 58-62