



HI-ALLOY SUPER SURFACE 60

ABRASION RESISTANT OVERLAY

DESCRIPTION: Hi-Alloy Super Surface 60 was designed to deposit a rare ripple free bead of complex carbides suspended in a tough alloy matrix. It may be used on most iron base metals to protect against sliding metal to metal wear, moderate impact, and severe abrasion. The alloy content allows for use in high temperature and corrosive wear environments. The unique coating allows for use on low amperage machines and AC equipment.

TYPICAL APPLICATIONS: Surfacing of augers, feed screws, cement chutes, scrapper blades, auger points, disc plows, bucket teeth, pump liners, brush hog blades, bucket liners, conveyor screws, and grain chutes.

PROCEDURES: Clean the base metal and remove all prior deposits of hardfacing material, use a stringer or wide weave technique, remove slag between passes, limit deposit thickness to a maximum of three passes. 3/32 and 1/8 inch electrodes may be used out of position, 5/32 and 3/16 inch weld only flat or horizontal.

AVAILABLE SIZES:	3/32	1/8	5/32	3/16
AMPERAGE RANGES:	65-95	110-140	160-200	210-270
POLARITY:	DC Reverse or AC			
HARDNESS:	Up to Rockwell C 60			