

# LH 743 S

HARD SURFACING ELECTRODE WITH VERY HIGH METAL RECOVERY FOR EXCELLENT RESISTANCE AGAINST ABRASION

## PROPERTIES

Hard surfacing electrode with very high metal recovery (180%), exceptional abrasion resistance at temperature up to 650°C. Easy arc control in horizontal position. No slag interference.

## PROCEDURE

Hold short/ medium arc with low current to prevent excessive dilution with parent metal. The recommended hardness is obtained on second or third layer.

## WELDING CURRENT

CURRENT	LENGTH	AMPS
AC / DC (+)	3.2x350	120-140
	4.0x350	140-180
	5.0x350	160-210

## TYPICAL APPLICATIONS

For hardfacing of parts subject to heavy abrasion and metal-to-metal wear with mild impact and temperature upto 650° C. Suitable for: refractory press screws, brick press screws, cement press screws, palm oil expeller flights, conveyor screws, impellers, dredging cutter & drag head, runner bottom edge, pug mill, knife, wing knife, auger, boring bits, blast furnace bells and hoppers.



## SPECIFICATIONS

ALLOY BASIS: Cr, Cb



## TECHNICAL DATA

Hardness (in two layers): 57-61 HRC  
Metal recovery:180%