

VALIANT

VALIANTHARD-I

Valianthard-I is a rutile coated AC/DC(-) type electrode producing an air hardening type weld metal for hard facing of carbon and low alloy steels. The weld metal is highly resistant to abrasive wear and has a fair degree of toughness.

CHEMICAL COMPOSITION

C	Mn	Si	Cr
0.20	0.60	0.40	3.20

MECHANICAL PROPERTIES

TYPICAL WELD METAL HARDNESS
240-280 BHN

WELDING PARAMETERS

	Size (mm)	Current (Amp.)
AC/DC (-)	5.00 X 450	180-220
	4.00 X 450	140-180
	3.15 X 450	100-130

APPLICATION

Typical application include brake shoes, shear blades, wheels, gears, pullies, drive sprockets etc. -i Recommended deposition: Two layers.

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