

VALIANT

VALIANTHARD-II

A hard facing electrode operating on AC/DC(-) depositing an air hardening weld metal. The deposits displays excellent toughness and ability to with stand heavy impacts loads and has excellent resistant to rolling and sliding friction. The weld deposit is machinable.

CHEMICAL COMPOSITION

C	Mn	Si	Cr
0.20	0.60	0.40	1.50

MECHANICAL PROPERTIES

TYPICAL WELD METAL HARDNESS
350 BHN

WELDING PARAMETERS

	Size (mm)	Current (Amp.)
AC/DC (-)	5.00 X 450	190-220
	4.00 X 450	140-180
	3.15 X 450	100-130

APPLICATION

Ideal for rail points and crossings, axles, wheels, gear shafts, couplings, pinion teeth, rollers, sprockets etc.

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