

VALIANT

VALIANTHARD-LH

A medium heavy coated hydrogen controlled, iron powder air hardening type hard facing electrode, weld deposits are hard and can not be machined. Weld dressing is possible by grinding, can withstand friction of moderate impact.

CHEMICAL COMPOSITION

C	Mn	Si	Cr	Mo	V
0.70	0.80	0.54	6.50	0.50	0.30

MECHANICAL PROPERTIES

TYPICAL WELD METAL HARDNESS
550-650 BHN

WELDING PARAMETERS

	Size (mm)	Current (Amp.)
AC/DC (-)	5.00 X 450	210-260
	4.00 X 450	150-180
	3.15 X 450	100-130

APPLICATION

Typical applications include high carbon and sulphur steels without crack, crane wheels, drill bits, crusher hammers, shear blades, rock drill, cane cutting knives, impellers, oil expeller worms, conveyor buckets, sprockets etc.

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