

Metal to sand abrasion resistant

GH750

JIS Z 3251 DF3C-700B

Product Features:

- Weld metal typical hardness approximately HRC60, less impact toughness than GH450.
- Not required for post heat treatment.
- Easy slag removal and less spatter loss.

Applications:

- Suitable for build up and repair welding of none-post machining required worn out machine parts on quarry scraper shovel teeth, bulldozer and agricultural machinery, etc.

Typical chemical composition of all-weld metal (wt%)

C	Si	Mn	Cr	Mo	Others
0.75	1.54	1.06	5.08	0.02	≤2.0

Typical hardness of weld metal

As welded HRC	layers
61	3

Size (mm) & recommended welding parameters (A)

Diameter / Length	3.2/350	4.0/400	5.0/450	6.0/450
Flat position	100~140	140~190	180~230	240~300

Note:

- 300~350°C x 1 hr baking prior to use.
- Recommend preheat or post heat to reduce residual stress for welding high hardness and brittleness Martensite base metal.

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