

Severe Abrasion resistant

GH800

JIS Z 3251 DFCrA

Product Features:

- Carbon and chromium as major elements.
- Chromium carbides precipitation in weld metal to get high hardness and good wear resistance.

Applications:

- Suitable for machine parts subjected to heavy metal-to-soil abrasion and moderate impact conditions.

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

C	Si	Mn	Cr
3.40	0.90	1.00	33.0

Typical hardness of weld metal

As welded HRC	layers
60	2

Size (mm) & recommended welding parameters (A)

Diameter / Length	3.2/350	4.0/400	5.0/450	6.0/450
Flat position	90~140	140~190	180~230	240~300

Note:

- 250~300°C x 1 hr baking prior to use.
- Max. 2 layers.
- Typical stress crack occurred to prevent peeling damage between base and weld metal.

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