

# JIP JFM3

Iron Powder for Improving the Machinability of Sintered Parts

JFE Steel Corporation

<http://www.jfe-steel.co.jp/en/>



## JIP JFM3

Effective for reducing the tool wear.

### Features

#### 1 Reduction of tool wear.

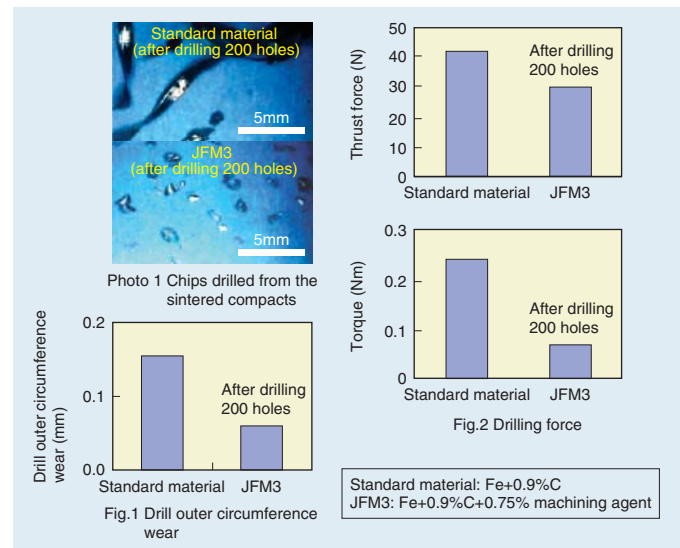
Reduces the size of cutting chips (Photo 1).

→ Reduces tool wear caused by the drop-off of the built-up edge.

#### 2 Reduction of tool chipping.

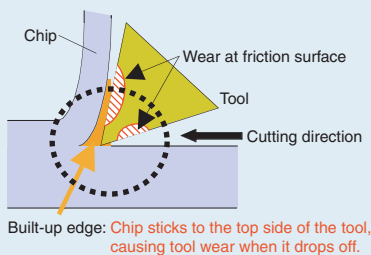
Reduces cutting forces by the lubricating effect of the additive (Fig. 2).

→ Prevents chipping of the cutting lip at the tool edge.

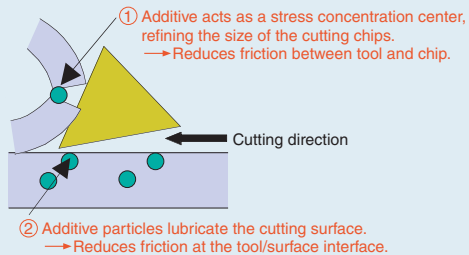


### Mechanism of machinability enhancement

#### Mechanism of Tool Wear



#### Mechanism of Preventing Tool Wear (Developed Material)



### Applicable Automobile Parts

