

The Award Of Merit - *International*



Winner

日立粉末冶金株式会社
Hitachi Powdered Metals Co.,Ltd.

Inner hub of pulley for compressor

Company Name: Hitachi Powdered Metals co., Ltd. DENSO CORPORATION

Address: 520, Minoridai Matsudo-shi, Chiba, 270-2295 Japan

Tel:  +81-47-362-1185 

Fax: +81-47-362-1198

Contact: Takashi Suzuki

End-User Company: DENSO CORPORATION

Composition of PM Product: Fe-Cu-C material: special mixed segregation free powder (to maintain the stability of density)

Finished Weight of Component: 39.3g (as a typical product)

Density (g/cm³): 6.60

Tensile Strength (N/mm²): 255

Yield Strength (=0.2% N/mm²): 245

Hardness: 83 HRB

Treatment: Steam treatment, Rust prevention treatment

Date PM Production First Started: 20/Nov/2000

Annual Production Quantity: approx 2,600,000 pieces in 2003 (including similar products)

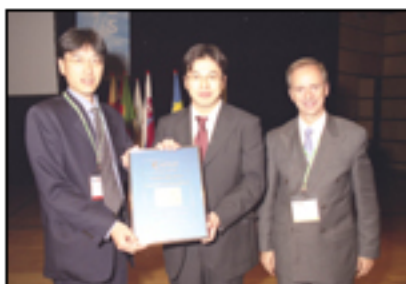
The fatigue limit ratio of the development material is high, and the value achieved is 0.57.

Click [HERE](#) to download Further information - (PDF 213kb)

Click on image to enlarge



[Download high res. version](#)



[Download high res. version](#)