

The world's smallest miniature ball bearing

Succeeded in Manufacturing the World's Smallest Radial Deep Groove Ball Bearing



Recommended applications

- ◎ Extra small machinery unit

Features

- Super high precision low noise bearing
- Satisfies international standard of AFBMA ABEC-5 (JIS P5 class)

No.	B0.6-1h26
Outside diameter	φ2.0 mm (0.0787 in.)
Bore diameter	φ0.6 mm (0.0236 in.)
Width	φ0.8 mm (0.0314 in.)
Ball diameter	φ0.3 mm (0.0118 in.) x 7 pieces
Material	φMartensitic Stainless steel

NSK Micro Precision Co., Ltd.

<http://www.nskmicro.co.jp/english> (Please visit our English site for details)

Head office/Sales Division Headquarters

No.1202, Nippon Building, 2-6-2 Otemachi, Chiyoda-ku, Tokyo 100-0004 Japan
Tel: +81-3-3270-2431 Fax: +81-3-3245-1372

Osaka Sales Office

301 Wakita-Tenmabashi Building, 2-13, Tenmabashi-Kyomachi, Chuo-ku, Osaka-shi, Osaka 540-0032 Japan
Tel: +81-6-6942-0858 Fax: +81-6-6941-9113

Matsumoto Sales Office

2953 Moto-oshima, Matsukawa-cho, Shimoina-gun, Nagano 399-3303 Japan
Tel: +81-265-48-6022 Fax: +81-265-48-6023

2005.11.10

ISC employee honored and awarded "A person of prominent skill"(A modern master craftsman) by Ministry of Health, Labour and Welfare. Details are as follows

Reason

He has been engaged solely for the groove grinding and its super finish process, those of which are the most important process of miniature ball bearing for applications like motors and computers. He has established a process method for super precision ultra small bearing, which used to be considered as nearly impossible. With his prominent skill, he managed to produce the world's smallest ball bearing*(OD: 2mm, ID: 0.6mm) and have made a breakthrough for size minimization for application such as IT and medical field.

*:as of 2005/11



A person of prominent skill(A modern master craftsman)commendation

Denomination: A person of prominent skill(A modern master craftsman)commendation (commended by Minister of Health, Labour and Welfare)

Aim: To infiltrate the respect to a prominent manufacturing skill and also to aim the uplift of the position of skilled worker and skill standard as well, this award had been founded, also to raise the motivation to become a devoted worker in the skilled manufacturing fields

2006.11.03

ISC employee honored and awarded "the Medal with a Yellow Ribbon (for industriousness)", on Fall, 2006.Details are as follows

Reason

By being admitted that the processing technique of the world's smallest ball bearing was established in last summer, he has been awarded the Medal with a Yellow Ribbon (for industriousness), followed by the award of a person of prominent skill(A modern master craftsman) by Ministry of Health, Labour and Welfare in Fall, 2006.



A Medal with a Yellow Ribbon commendation

Aim: An individual or the group with prominent achievement on the field of society, public and culture are commended with the medal of honor. Founded on 1955 along with the privilege system revision, the Medal with a Yellow Ribbon has been awarded to an individual or group who is diligent for duties, and is considered as a person/group of role model. With the privilege system revision on 2003, the award has been intended additionally, in order to increase the number of award winner, to the "the person who is diligent for duties in the first line and holds a prominent skill and technological achievement that should be a role model for others.

※Contents may be revised without prior notice.