

世界最小轴承

# 世界最小级 量产深沟滚珠轴承

## 运用本公司多年来积累的生产精密小径轴承的卓越技术而制成的世界最小级深沟滚珠轴承。



### 用途

◎极小组合件

### 特 长

- 超精密静音型滚珠轴承
- 达到了国际规格 {AFBMA ABEC-5(JIS P5级)} 的精度
- 使用不易生锈的不锈钢材

型 号	B0.6-1h26
外 圈	φ2.0mm (0.0787inch)
内 圈	φ0.6mm (0.0236inch)
高 度	0.8mm (0.0314inch)
滚珠尺寸	0.3mm (0.0118inch) ×7 個
材 质	马氏体不锈钢

## NSK MICRO PRECISION CO.,LTD.

<http://www.nskmicro.co.jp/>

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2005.11.10 受到了卓越技能者(现代名工)表彰  
NSK MICRO PRECISION CO.,LTD. 的员工获得了  
厚生劳动省颁发的 [卓越技能者(现代的名工)表彰]  
的奖章, 概要如下



### 获奖理由

常年专心致力于马达, 计算机用滚珠轴承制造最为重要的工程 - 沟槽的研削, 超精细研磨的钻研。确立了原来被认为非常困难的高精度超极小轴承的加工方法, 使世界最小径轴承(外径2mm, 内径0.6mm)的制造成为可能, 开拓了IT机械, 医疗器械等向极小化迈进的道路。

\*... 2005年11月现在

### 【卓越技能者】(现代名工)表彰制度概要

名称: [卓越技能者](现代名工)(厚生劳动大臣表彰)

主旨: 为使尊重技能的风气广泛渗透到社会各阶层, 在提高技能者的地位以及技能水准的同时, 让青少年以能成为技能者为希望和光荣, 使此职业被选择的机会提高。

### 2006.11.03 获 黄绶褒章奖

NSK MICRO PRECISION CO.,LTD. 的员工获得  
2006年度秋季的黄绶褒章奖。概要如下



### 获奖理由

由于在夏季世界最小滚珠轴承的加工技术被确立, 因此秋季受到了厚生劳动省的 [卓越技能者(现代的名工)] 的表彰。

### 【黄绶褒章表彰制度概要】

主旨: 褒章是由于对社会, 公共, 文化方面做出了贡献的个人或者团体予以的奖章。

黄绶褒章是于1955年荣典制度改正后设立的 [精于业务成为民众的模范人] 进行的表彰。

2003年荣典制度改正为 [对在第一线精于业务, 拥有可成为其他人的模范的技术或者业绩的人为对象, 力图增加获奖人数]。

# 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)

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### 2005.11.10

ISC employee honored and awarded "A person of prominent skill"(A modern master craftsperson) 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 craftsperson)commendation

Denomination: A person of prominent skill(A modern master craftsperson)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 craftsperson) 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.

