

# Your Trusted Japanese Brand NBK Special Screws

Solving Your Problems with a Vast Selection, Advanced Expertise, and High-Quality Screws



## Technical Challenges Solved by NBK Screws





































Positioning









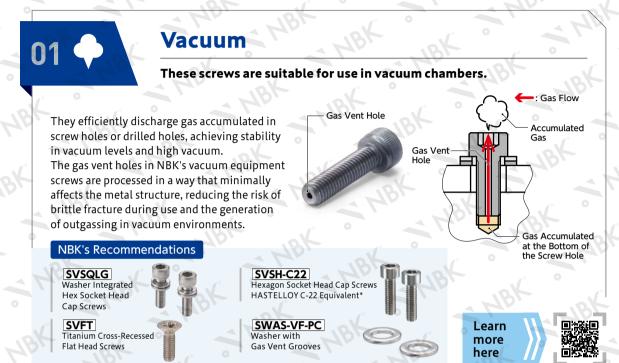
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Facing Machine Design or Manufacturing Challenges?
Discover NBK's Special Screws for 20 Different
Applications







<sup>\*</sup>HASTELLOY is a registered trademark of Haynes International, Inc.

## Low Outgassing These are screws made of materials and surface treatments that emit low levels of outgassing. Due to their minimal outgassing, these screws are ■ Titanium brightening treatment ideal for vacuum environments such as vacuum chambers used in semiconductor manufacturing. There are also titanium screws with low outgassing that have undergone brightening treatment. NBK's Recommendations ▶ Low Outgassing Surface Treatment SVSI1S-PC SUS304 Special Chemical Polishing Treatment ▶ Low Outgassing Material SPE-C SPD-H Learn more here

▶ https://www.nbk1560.com



## Cleanroom

These screws are ultrasonically cleaned or IPA cleaned in a cleanroom environment and then packaged.

They are ideal for parts used in FPD manufacturing equipment, semiconductor manufacturing equipment, medical devices, and food machinery, as well as parts used in cleanrooms. Can be used immediately upon arrival, saving you cleaning process time.





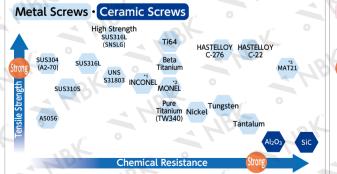






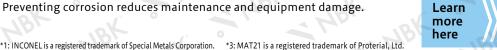
## **Chemical Resistance**

These screws are suitable for use in corrosive environments that use wafer cleaning solutions and process gases.

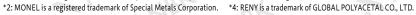




Special materials and coatings prevent chemical corrosion and dissolution. Preventing corrosion reduces maintenance and equipment damage.







<sup>\*</sup>Vespel is a registered trademark of DuPont.



## 06 " High specific strength screws are lightweight and strong. Specific Strength by Material You can reduce the weight of your equipment while maintaining the necessary fastening strength. 0.20 Ideal for applications with high demands for weight 0.17 reduction, such as drones. 0.10 -0:08 **NBK's Recommendations** SPA-C SNSTG Stainless Steel Aluminum RENY High Strength \*Reference Value (Calculated by Tensile Strength)

What is Specific Strength?

Explanation page here

Learn

more

here

**High Specific Strength** 

## **Heat Resistance**

These screws are highly heat-resistant among metal and plastic screws.

They can be used in high-temperature environments where there is a high risk of reduced screw strength or breakage.

#### **NBK's Recommendations**

## **▶** Ceramic

Usable temperature: 1500°C

▶ Metal

SNSI

Equivalent to INCONEL 600\* Usable temperature: 600°C

SPDC-H Vespel SCP-5000 Usable temperature: 350°C

▶ Plastic



SICX-SX









<sup>\*</sup>Production of screws equivalent to INCONEL 718, which can be used in temperatures up to 800°C, is also possible.

## 08×n

## Non-Magnetic

These screws have low magnetic permeability.

They are suitable for semiconductor manufacturing equipment, FPD manufacturing equipment, electronic devices, and MRI machines where magnetic interference is undesirable. In addition to bolts, nuts, and washers, non-magnetic tools are also available.

These are ideal for assembling and maintaining equipment and devices in strong magnetic field environments.

#### **NBK's Recommendations**











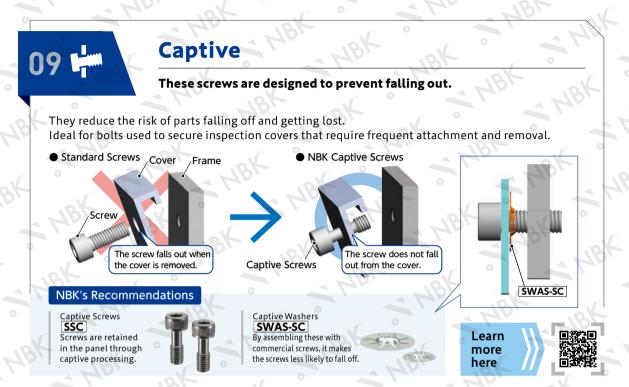
SKHTG







SNSA







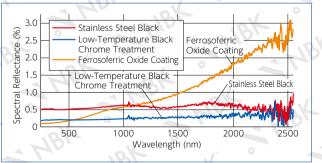


## **Anti-Reflective**

These screws are suitable for use in optical equipment due to their extremely low spectral reflectance achieved through special surface treatments.

Low-temperature black chrome treatment and stainless steel black have extremely low spectral reflectance, making them ideal for optical equipment

requiring anti-reflection properties.



**NBK's Recommendations** 

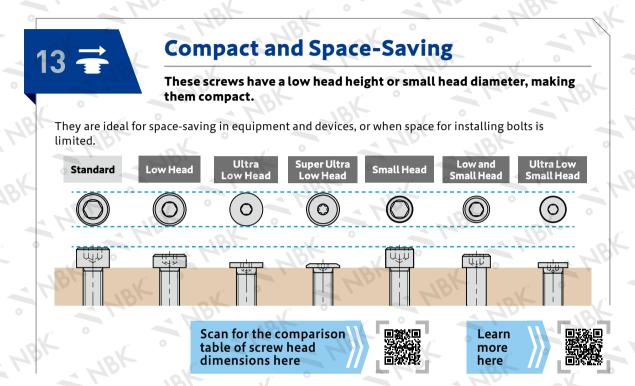






more











here



## **Fixing and Positioning**

These screws and plungers are suitable for applications such as positioning and jig fixing.

#### ▶ Ball Plungers

When pressure is applied, the ball/pin retracts, and the built-in spring is compressed. When the pressure is removed, the spring's compressive force returns the ball to its original position.









#### ▶ Clamping Screws

A mechanical component that uses the thrust of a screw to fix and position workpieces.











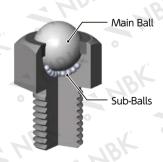
## Conveyance

Check the

These screws allow for the smooth conveyance of heavy objects.

The main ball is surrounded by multiple sub-balls, allowing the main ball to rotate 360° in any direction. With a low friction coefficient, they allow workpieces to be conveyed with minimal force.







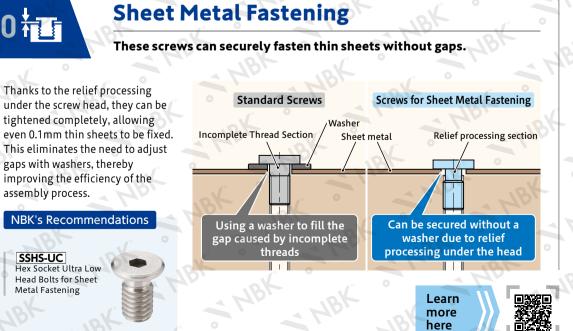


NBK

gaps with washers, thereby

**NBK's Recommendations** 

assembly process.



Learn

02

# Problem-Solving Case Studies



Here are examples of how NBK screws have solved customers' issues.

## By Industry

Introducing industry-specific problems and solutions by equipment and process!



## Case Studies on Solving Semiconductor Manufacturing Equipment Issues

Solutions for special environments such as vacuum, high temperature, and chemical adhesion are explained by equipment and process!

» P.16



# Case Studies on Solving Food Machinery Issues

Introducing ways to improve workability and hygiene required in the food and packaging industry.

» P.22



# Case Studies on Solving Medical Device Issues

Providing tips on ensuring cleanliness and safety in biochemical analyzers, MRI machines, and more!

» P.24

## By Problem

Introducing problems in equipment design and on-site work, along with solutions!

01	Preventing gaps between the sheet and screw when fastening thin sheets	P.26
02	Removing damaged screws	P.26
03	Improving workability for fixing and positioning	P.27
04	Reinforcing places where bolts are frequently removed	P.27
05	Implementing theft and tamper prevention measures	P.28
06	Countermeasures against screw loosening	P.28
07	Preventing foreign object contamination and complying with CE marking	P.29
08	Maintaining high strength in screws even under high temperature	P.29



## **Case Studies on Solving Semiconductor** Manufacturing **Equipment Issues**

Solutions for special environments such as vacuum, high temperature, and chemical adhesion are explained by equipment and process!

Screws that can be used in limited spaces are required

#### Screws with extremely thin heads are available

Products made of highly corrosion-resistant SUS316L, pure titanium, and so on are also available. NBK's Solution Low Profile Screws Q SSHS SSHL SSHT



Inside the Equipment

Tools that can be used even in narrow working spaces are required

#### Tools optimized for working in narrow spaces are available

Tools with reduced height dimensions are available. Required working space is decreased, so device/equipment structure can also be made more compact.

NBK's Solution Tools for Extremely **Limited Access Spaces** 





Tools that can be used even in locations where magnetization must be avoided are required

#### Non-magnetic tools are available

Suitable for assembly and maintenance of equipment and devices in environments with strong magnetic fields. They can also be used on devices for which magnetization must be avoided. NBK's Solution Non-magnetic Tools





## Equipment must be firmly connected

#### Washers which can correct an alignment mismatch between the bolt and seating surface, occurring frequently when connecting equipment, are available

When connecting two pieces of equipment, the use of spherical washers absorbs any bolt tilting, enabling reliable fastening. NBK's Solution Spherical Washers

Q SQWS



03

### Screws that will not affect communication are required

#### Solutions with plastic screws of various shapes and materials

Conventional metal screws may affect LoadPort and FOUP communication. The use of plastic screws prevents disruption of stable communications.

NBK's Solution Plastic Screws

NBK





## **Vacuum Chambers**

## 01

## Screws in places unreachable by hand need to be tightened

#### Tools with screw holding function are available

Tools which retain hex socket head cap screws are available. Ideal for narrow spaces where screws cannot be retained by hand during assembly/maintenance of equipment, or for preventing screws from falling into devices during maintenance.



NBK's Solution Hexagon Screwdriver with Screw Holding Function

Q SKCD

## 02

#### Washer fallout must be prevented

#### The use of integrated washer type screws is recommended

Integrated washer type screws are available in order to prevent washer fallout during equipment assembly or maintenance. Washer loss inside vacuum chambers, etc., can be prevented.

#### NBK's Solution

Washer Integrated Hex Socket Head Cap Screws -High Strength Stainless Steel



Special Chemically Polished Bolts with **Integrated Washers** 



SCSS-CE

## 03

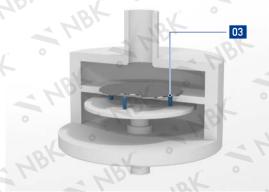
## Screws that can retain wafers are required

## Screws with ceramic ball tips are available

Clamping screws with ceramic ball tips are available. Made of ceramic, they have excellent heat resistance. NBK's Solution



Clamping Screws



## Screws that retain high strength even in hightemperature environments are required

#### We offer screws with excellent heat resistance Screws made from various heat-resistant materials are available. Select according to the operating environment.

NBK's Solution Heat Resistant Screws







## Increased degree of vacuum in equipment is required

## Screws which support equipment vacuuming are available

Screws that support the evacuation of gas trapped in the bottom of screw holes or drilled holes are available.



NBK's Solution Screws for Vacuum Equipment

Q SVSS SVSLG SVSQS

## 05

## Reinforcement is required for places where bolts are frequently removed

#### Female threads can be reinforced by using an insert

These high-strength stainless steel integrated types can be used for firm fastening or in areas where bolts are frequently fastened and removed. Ideal for reinforcing female threads in plastic, aluminum, or quartz, as well as for repairing damaged

NBK's Solution Keyed Female-Thread Reinforcing Inserts Q SHINS



## Screws must be protected from chemicals

## Screws with excellent chemical resistance and screws with head coating only are available

We offer screws made from various materials with excellent chemical resistance.

NBK's Solution Chemical Resistant Screws



female threading.



## Stainless steel screws must be prevented from galling & seizing

#### Screws with optimal surface treatments for each particular application are available

Special Surface Treated Screws can be used as a countermeasure against stainless steel screw galling & seizing.

NBK's Solution Special Surface **Treated Screws** 











## **Equipment Exterior**

## CE marking compliance is required

#### Screws which don't fall out when the cover is removed are available

Fixed guards must be secured with fasteners that can only be opened or removed using a tool. By using captive screws, the screws can be retained in the fixed guard when the fixed guard is removed, allowing compliance with CE marking. NBK's Solution Captive Screws Q SSC



#### Only certain workers should be able to remove screws

#### Screws requiring dedicated tools for removal are available

Tampering can be prevented by using these screws where only certain workers should be able to remove screws. NBK's Solution Security Screws





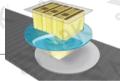




## **Equipment by Manufacturing Process**

## Semiconductor **Lithography Equipment**

Photolithography process

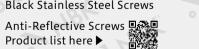


## ▶ Improved equipment accuracy is required

Even the small screws used at joints enable exposure accuracy to be improved by suppressing the influence of reflection.

#### Required characteristic: Anti-Reflective

Black Stainless Steel Screws



## **Etching** Equipment



## ▶ Resistance to high temperatures and chemicals is required

For environments where various gases and solvents are used at high temperatures, screws with excellent heat resistance and chemical resistance are effective.

Required characteristic: Heat Resistance

**Chemical Resistance** 

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	mic Screws er Caps (Cera	amic)		<b>♦</b> ♣	
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	TELLOY Equ 316L Screws	uivalent S	Screws	♦₽×U	
Tita	nium Screws		<u> </u>	∆×n₩	
	ial Surface H	lardened		<b>A</b>	
	lesistant Screws  uct list here		Chemical Res Product l	istant Screws ist here ▶	

## **Coating Equipment Sputtering Equipment**



**Film Formation Process** 

## ▶ Resistance to high temperatures and chemicals is required

For environments where various gases are used at high temperatures, screws with excellent heat resistance and chemical resistance are effective.

Required characteristics: Heat Resistance

**Chemical Resistance** 

Ceramic Screws SUS316L Screws Molybdenum Screws HASTELLOY Equivalent Screws **Nickel Screws INCONEL Equivalent Screws** ۵×05/4 Titanium Screws Heat Resistant Screws Chemical Resistant Screws

Product list here ▶

Equipment



**Physical Inspection** 

Inspection/evaluation process

Required characteristic: Vacuum

Screws with Ventilation Hole

The degree of vacuum can be further improved by

▶ Increased inspection accuracy is required

removing air trapped within the screw hole.

▶ Improved degree of

vacuum is required

Product list here



## the magnetic properties of the part. Required characteristics: Non-Magnetic Phosphor Bronze Screws Xn

**Titanium Screws** 

**Tantalum Screws** 

Ion implantation

Ion implantation process

▶ Improved degree of vacuum is required

There are screws that prevent galling caused by

heat cycles in environments of 1000°C or higher.

▶ Improved equipment accuracy is required

fasteners to prevent ions from deflecting due to

Non-magnetic components are effective as

Required characteristics: Heat Resistance

Special Surface Hardened Screws 👌 🖴

Equipment

Tantalum Screws

Tungsten Screws



## **Electrical** Inspection Equipment

Inspection/evaluation process

## ▶ More compact equipment is required

We have small diameter screws of M2.6 and less. including S0.6 up and M1 up.

Required characteristics: Space-saving

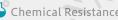
Micro screws

















Plastic Screws: PPS Titanium Screws

Phosphor Bronze Screws



Required characteristic: Non-Magnetic















# Case Studies on Solving Food Machinery Issues

Introducing ways to improve workability and hygiene required in the food and packaging industry.





Female thread damage when replacing cutters or squeegees must be prevented

## Reinforce female threads to prevent damage

Integrated stainless steel with high strength makes them effective in areas where bolts are frequently inserted and removed.

Keyed Female-Thread Reinforcing Inserts Q SHINS



## Foreign matter contamination must be prevented

Safety comes first for food production.

These products are effective in preventing fallout or loss of parts.

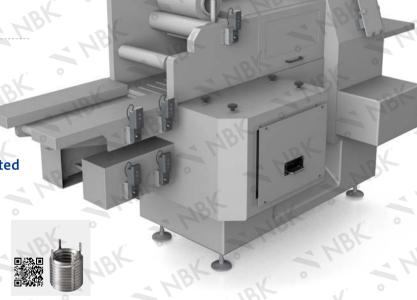
HACCP and CE Marking compliant products are also available.

## Keep screws from falling into equipment or materials

Screws with structures like this will not fall out of the panel even when removed, because the relief cutting in the threads catches on the screw hole.



Captive Screws Q SSC



#### Washers prevent screw fallout

The washers can simply be assembled to commercially available screws to achieve fallout prevention countermeasures. After assembly, they will be unlikely to fall off the screws.

NBK's Solution

Captive Washers

Q SWAS-SC

NBK's Solution
Hexagon Socket
Captive Screws comes
with Captive Washer
Q SSC-SET





# Common Issues and Solutions in the Food and Packaging Industry

01

## Screws must be protected from chemicals

We offer screws made from various materials with excellent chemical resistance.

Screws with excellent chemical resistance and

screws with head coating only are available

## **Chemical Resistance of Metals**

Material	Resi
MAT21	
Equivalent to HASTELLOY C-22	
Equivalent to HASTELLOY C-276	
Equivalent to MONEL 400	
Titanium	
Equivalent to INCONEL 600	
Duplex Stainless Steel	-
SUS316L HiMo	
SUS310S	

## Chemical Resistance of Plastics

Material	Chemical Resistance
PTFE	High
PFA	111611
PVDF	124
H-PVC	
PP	
PEEK	
10	

SCAP-PT
PTFE cover cap protects the screw head from chemicals





Chemical resistance varies depending on usage conditions

Always carry out tests under the same conditions in advance.

Chemical Resistant Screws

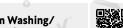
02

## Eliminating the inconvenience of arranging for cleanroom washing and packaging is required

Products are washed and packed in cleanrooms. Ideal for use as components to be incorporated into semiconductor/FPD production equipment, food industry machines, medical equipment, etc.

■ Ultrasonic cleaning (supports rust-resistant materials such as stainless steel)

Cleaning Stage 1	Cleaning Stage 2	Ultrasonic Rinsing	Water Rinsing	Drying	Packing	
■IPA was	sh (for eas	ily rusted	material	s such as i	ron)	
IPA Immersion Stage 1	IPA Immersion Stage 2	Drying	Packing		MB	
MDV'	Cleanro	om wa	shing/	nacking	servic	6



are available



Cleanroom Washing/ Packing Service

NBK



## **Case Studies on Solving Medical Device** Issues

Providing tips on ensuring cleanliness and safety in biochemical analyzers, MRI machines, and more!





## Component corrosion prevention is required

Highly corrosion-resistant material is available, ideal for areas exposed to chemicals or frequently cleaned

We offer screws with excellent chemical resistance.

**Chemical Resistant Screws** 

## Simpler cleanroom support is required

#### Cleanroom washing/packing services are available

Assembly to equipment is possible without separate washing.

NBK's Solution Cleanroom Washing/ Packing Service



CT Scans/MRIs

CT Scans

Equipment must not be affected by microwaves

The use of plastic screws with excellent insulating properties is recommended

NBK's Solution Plastic Screws Q SPT-H

MRIs

Equipment must not be affected by magnetism

Non-magnetic screws are recommended

02

Tools are strongly attracted to the magnetic field, posing a danger

## Non-magnetic tools are available

Non-magnetic titanium alloy hexagon keys can be used for assembly in environments with strong magnetic fields.

NBK's Solution Titanium Hexagon Keys Q SKHTG



N'NBK

₩ https://www.nbk1560.com

## **Problem-Solving Case Studies By Problem**

Introducing 8 cases where NBK screws solved problems in equipment design and on-site work!

## Preventing gaps between the sheet and screw when fastening thin sheets

Incomplete Thread Portion Sheet metal

**Standard Screws** 

Gap occurs due to the

incomplete thread portion

With common screws that have incomplete threads, a gap may occur because the screws cannot be fully tightened when fixing thin plates. By using screws designed for fixing thin plates with relief machining under the head, it is possible to fix thin plates without any gaps.



Use screws suitable for fixing thin plates

**Recommended Products** 

**Hexagon Socket Ultra** Low Head Bolts for Thin **Plate Fastening** 





## Removing damaged screws

There are special tools for removing damaged hex head bolts and hex nuts or stripped screws that cannot be removed with ordinary tools. Screws can be easily removed with this tool even when the corners or recesses of the head have been stripped due to using a shallow tool or the wrong size tool.



Use dedicated tools for removing damaged screws

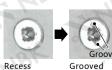
Recommended Products

**Damaged Screw Removal** 



 Stripped Screw Removal Bits Creates grooves in the damaged recesses which can be used to turn





Stripped Hex Head Screw/ **Bolt Removal Sockets** The spiral edges inside the socket firmly bite in to enable removal.

Screws for Thin Plate Fastening

Can be fixed

without gaps

Relief Machining Part





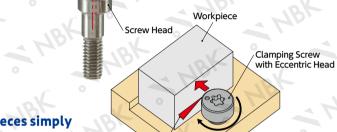
\*Please inquire about the available sales regions.

## Improving workability for fixing and positioning

Hexalobular -

Socket

When clamping screws with eccentric head are tightened, the workpiece is strongly clamped by the head, which is set off-center from the shaft center of the screw. The wedge effect creates a large clamping force with low tightening torque. Ideal for fixing linear guideway rails or workpieces.



Use screws that fix workpieces simply and securely with a wedge effect

**Recommended Products** 

Clamping Screws with **Eccentric Head** 





The wedge effect clamping of

Head is eccentric from the screw shaft center

## Reinforcing places where bolts are frequently removed

Keyed female-thread reinforcing inserts are available. The keys mechanically prevent rotation and have no risk of falling out. These high-strength stainless steel integrated types can be used for firm fastening or in areas where bolts are frequently fastened and removed. Ideal for reinforcing female threads in light metals, castings, or resin, as well as for repairing damaged female threading.



NBK

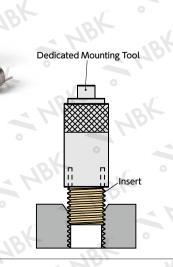
Use thread inserts to reinforce female threads

**Recommended Products** 

**Keyed Female-thread Reinforcing Inserts** 







## **Problem-Solving Case Studies By Problem**

Introducing 8 cases where NBK screws solved problems in equipment design and on-site work!



## Countermeasures against screw loosening Washers that prevent screw Junker Vibration Test loosening in combination with Eccentric Lock Washers™ commercially available hex nuts. The Spring Washers + Plain Washers Hex Nut hex nut can be tightened by hand until tightening force is generated, making it easier to mount. The high loosening-prevention performance has been demonstrated 60 90 120 150 180 by Junker and NAS vibration tests. Use washers that prevent screw loosening by combining with commercially available hex nuts **Recommended Products** SWAS-EW **Eccentric Lock** Washers™

# Preventing foreign object contamination and complying with CE marking NBK has standardized products for fall prevention of parts, such as knobs, pulls and special screws. Ideal for securing protective and inspection covers that are frequently installed and removed. Captive Washers SWAS-SC Hex Socket Head Cap Captive Screws SSC



Use components with a

captive mechanism



## **Product Lineup**

## Screws compatible with clean environments





## **Chemical Resistant Screws**





**Special Material Screws** 





## Captive Screws, **Full Thread Screws**





## **Titanium Screws**





## Vented Screws, **Vacuum Screws**





Low Profile Screws, **Small Head Screws** 





## **Plastic Screws**





## **Micro Screws**





## **High Performance Stainless Steel Screws**





## **SEMS Screws, Improved Fastening Efficiency Screws**





## **Security Screws, Tamper Resistant Screws**





## **Vibration Resistant Components**





## Washers, Inserts





## **Screw Caps / Screw Covers**









## **Screws with Special Surface Treatment**





## **Functional Screws**







## **UNC Screws, UNF Screws**





## **Plugs**





## **Tools**











## Services

## **Optional Services**

## Cleanroom Washing/Packing Service

Removal of foreign substances from product surfaces

## **About Cleanroom Washing**

## **Ultrasonic Cleaning or IPA Cleaning**

Cleanliness Level of Washing Room

Cleaning



U.S. Federal Standard (Fed.Std.209E)
Cleanliness Class: 10,000



**IPA Cleaning Process** 

Applicable to Rust-Prone Materials Like Iron

Ultrasonic Cleaning Process

Ultrasonic Ultrasonic Cleaning Rinsing

Ultrasonic | Pure Water Rinsing

Drying

IPA Immersion | IPA Immersion |

Drying

Applicable to Rust-Resistant Materials Like Stainless Steel

## **About Cleanroom Packing**

Cleaned products are packaged inside the cleanroom.

Cleanroom Cleanliness







### **Captive Processing** Service



Apply captive processing to screws for anti-drop function. For fixing screws of protective covers or inspection covers frequently attached and removed

## **Screw Length Adjustment Service**



Cut screws to desired length in 1mm increments



#### **Individual Sales** Service

Sold by the Bag



Only the Required



Special screws sold in fixed bag quantities. Orders for less than one bag or fractional quantities accepted on request

## **Customization Services**

Even if your desired item is not within our standard range, we can customize it to meet your needs.

## **Customization Options**

#### Choose Processing Type



For positioning, etc.



Lateral Hole Processing For anti-loosening

Processing

Narrow Wide Hole Selectable hole diameter for liquids or gases

For degassing equipment

#### **Choose Material**









Pure Nickel





#### Choose Surface Treatment Choose Drive Shape











**Phillips** 

(+)

## Choose Head Shape











#### Choose Screw Thread Type & Standard



Screw Pitch: Coarse, Fine, Extra Fine Standards: Metric, Inch (UNC, UNF, BSW)





05

Company Information



Company Name

## 鍋屋バイテック会社

Nabeya Bi-tech Kaisha

Established

1560

Our manufacturing dates back to 1560, around the time Shakespeare was born. Our predecessors acquired advanced knowledge and technology, producing cast iron pots, kettles, lanterns, and bells. The title of "Master Caster" has been granted by the Imperial Court. The company name "Nabeya" is the trade name for this group of certified craftsmen.



Headquarters



O Locations

Details on p.40 ▶ locations

Sales Countries

countries

Find the nearest distributor here



Number of Employees

570 employees Tradeshows

16 times a year

We exhibit at tradeshows held in Japan, the United States, China, Taiwan, and Korea.

information, click here.





## **List of NBK Products**

We have established a production + inventory system and advanced information systems, achieving multi-variety, variable volume, and short delivery times.

## A Lineup of 90,000 Products

With flexible development and responsiveness, we solve customer challenges.



Special Screws



**Machine Elements** 



Couplings



**FA Solutions** 



**Pulleys & Sheaves** 



**Custom Castings** 



**Factory Equipment Parts** 



**Grippers & Robot Stands** 



Linear Motion Accessories

\*The available regions for sale may vary by product. Please contact us

## **80,000** Customized Products

With over 20 years of experience and the high technical skills unique to a specialized manufacturer, we propose solutions that customers need.

## Sushi Bar Concept®

Just like a skilled sushi chef who deftly prepares and serves what you need, when you need it.



## NBK products used in various industries

We provide products and services to over 320,000 customers across a wide range of industries, including semiconductor, automotive and EV, medical, aerospace, food packaging, machine tools & factory automation, and electronics & telecommunications.



## Nover 200 pages! Useful technical information, including industry-specific case studies

NBK's website features videos on product usage, product explanations, and enjoyable articles.













**NBK's Website** 

## **Full of convenient features** to support design and selection!



## Product Search Easy and Quick



## RoHS Compliance Certificate Issuance Convenient



## We can also issue the following upon request

- ▶ REACH Certificate
- Material Certificate
- Conflict Minerals Reporting

## **CAD Data Download**



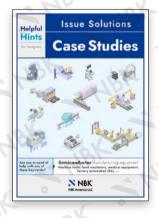
**Case Study Booklet Download** 



You can choose from various formats from the product page.



This booklet contains practical solutions to engineering challenges in various industries.



## Standards, Technical Information, Basic Knowledge









We send out new product and technical information useful for design every week

Handling of **Personal** Information

As a personal information handling business operator as defined by the Personal Information Protection Law, we will handle personal information collected from users appropriately in compliance with laws and other norms related to personal information protection. (For details, please refer to the NBK website.)

## **Global Locations**

## NBK Group companies support manufacturing around the world



Headquarters, Seki Garden Factory



Nabeya Bi-tech (Suzhou) Co., Ltd.



NBK America LLC



Mino Garden Factory



Nabeya Bi-tech (Changzhou) Co., Ltd.



NBK ASIA MANAGEMENT PTE. LTD.





Since 1560

## NBK Website

Product Finder

2D/3D CAD Data Download



https://www.nbk1560.com/

(Q NBK screws

## Customer Service

Quotations

Technical Support

Customization

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