

*Synergy between
Mechatronics & Human.*



NITTO-SEIMITSU KOGYO
CORPORATE GUIDE

ABOUT NITTO

Our Strong Point

GREETING

During the half-century since being founded in 1966, Nitto Precision has pursued unique innovation in technology related to precision machining tools known as broaches, cast pins, the major component in die casting molds, and the precision rubber molds used in products in a wide range of industries.

Today, our success can be attributed the customers who choose our products. One could say that the true owners of a company are the customers of that company.

To continue meeting the expectations of those owners, the customers, we constantly work toward creating products from the perspective of the customer. We take pride in knowing that our production activities play a role in supporting Japanese manufacturing.

Even though we may have a minor role, we embrace a larger mission in our daily effort to improve our technology. We ask for your continued guidance and support.

President **KEITA KONDO**



STRENGTH



Fusion of proficient techniques and the latest equipment.

We provide high-precision products created using advanced techniques founded in manufacturing experience and advanced design technology cultivated over the last 50 years



Knowledge is what makes the difference in quality.

Processing techniques based on years of experience and a wealth of data related to surface processing technology are applied toward the creation of high-quality, high value-added products.



**Many years of know-how, experience, and skill.
High added value products created by human hands.**



The adaptability to respond to industry trends and needs.

We provide a global perspective towards supporting customers to offer flexible, rapid responses.



Synergy between technology and human.

Technical skills combining advanced facilities and skilled craftsmanship breathe life into our products.

PRODUCTS



BROACH

Various broaches such as surface and internal broaches

Applying our years of experience, we manufacture and sell surface broaches (flat), internal broaches (round), and other tools used in the machining of parts for automobile engines, steering, brakes, and suspension.

Utilizing cutting, heat processing, grinding, and surface processing techniques for a variety of materials (high-spec and super hard materials), we give form to the designs, development, production, quality, and delivery deadlines that match the needs of our customers to provide highly reliable broaches. In addition to product manufacturing, we provide repairs, troubleshooting, and after-sales services to offer total support towards improving customer product manufacturing quality, cost reductions, and work optimization.

DETAIL



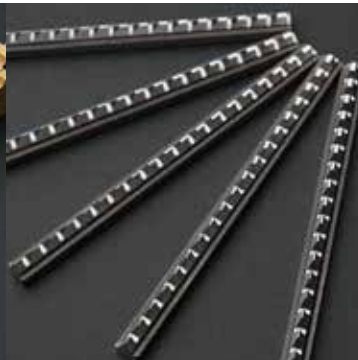
Super-hard solid broaches

Tools used for the precision finishing of the compressors used in air conditioner outdoor units and refrigerators.



Surface broach

Broaches for flat surface machining of engine parts, broaches for machining axle edges, broaches for general flat surface machining.



Special surface broaches

Processing v-shaped grooves in engine parts, irregular-shaped flat surfaces.



Rack surface broaches

For steering rack machining.



Broaches with super-hard bits

For machining bearing caps and mountain disk breaks.



Super-slim internal broaches

For machining internal components of electronic devices



Special double-sided broaches

For machining angular holes in the internal components of constant velocity joints of draft shafts.



Internal broach

For machining internal components such as transmissions, axle shafts, clutches, handle yokes, joint yokes, etc. and for parts machining.

PRODUCTS

MOLD

Contact rubber /various metal mold products for keypads

Our Molds Division is focused on compression molds and injection molds, particularly molds for rubber products. We provide various types of contact rubber, keypads, and packing used in automotive parts and mobile phones as well as the ancillary removal tools used in manufacturing. We provide machining based on the shapes, materials, and sizes required by customers and can respond to any type of surface processing and finishing request.



DETAIL



Telephone molds

Production of molds for rubber keys and packing used in telephones, mobile phones, etc.

Automotive switch molds

Production of molds for rubber switches used in power windows, car navigation systems, gauges, etc.

Electronic device component molds

Production of molds for rubber keys and packing used in personal computers, digital cameras, etc.

PRODUCTS

PIN

Cast pin/core pin products

Our Pin Division conducts the special order manufacturing and sales of cast pins and core pins. To meet customer needs, we accept all types of orders for the manufacturing of irregular-shaped pins which need wire cutting and electro-discharge machining, as well as all types of surface processing. Our casting pin manufacturing business applies broach manufacturing technology and experience cultivated over many years to provide high-precision, high-quality products.



DETAIL



Casting pin ①

Casting pins embedded into molds when creating aluminum die cast products.

Casting pin ②

asting pins embedded into molds when creating aluminum die cast products.

PRODUCTS

MACHINE

Machine tool sales

The two types of NITTO brand broach sharpeners, the NBG series (general manual type) and the NBG-NC (CNC auto-controlled type) are machines developed through a technology collaboration by Nitto Precision Co., Ltd, a broach manufacturer, and NITTO POLYGON Co., Ltd., a machine manufacturer.

This machine is the embodiment of advanced machining knowhow related to broach manufacturing.



■ NBG Series (All-purpose manual type)

■ Best machine that improves product quality and work performance

- ① Position settings for control handles and levers that emphasize workability and ease of use.
- ② Grinding wheel spindle equipped with a spindle motor with the same revolution range as an NC machine which enables maintenance of grinding wheel shape and dress intervals.
- ③ Installing (standard specs) a Y-axis (up/down) air balance improves workability and balances ram head weight to maintain machining precision.

■ NBG-NC Series (CNC automatic control type)

■ Best machine for simple operation and maximum quality

- ① Use of a memory card system enables broaches cut on the master machine to be reworked by regular workers using the same methods as broach manufacturer.
- ② Broach blade pitch and uneven pitches are detected automatically by the NC system to enable automated machining.
- ③ CBN grinding wheel and a soluble coolant enable hardness changes that do not produce heat in the blade tip.
- ④ Operating program involves simple input based on diagram numbers.

COMPANY PROFILE

【Company name】 NITTO-SEIMITSU KOGYO Co.,Ltd

【Founded】 December 5, 1966

【Representative】 Representative Director and President, Keita Kondo

【Capital】 10,000,000 yen

【Business objectives】

Manufacturing and sales of precision machining tools, manufacturing and sales of molds, manufacturing and sales of casting pins and core pins, sales of machining tools, sales of production tools, businesses related to the above

【Employees】 118 (as of January 2016)

【Transaction banks】

Sumitomo Mitsui Banking Corporation – Niizashiki Branch, Musashino Bank – Yorii Branch, Saitamaken Shinkin Bank – Yorii Branch, Gunma Bank – Fukaya Branch, Saitama Resona Bank – Yorii Branch, Japan Finance Corporation – Saitama Branch

【Main office address】

〒369-1202 1560-16 Sakurazawa, Yorii-machi, Ōsato-gun, Saitama-ken

TEL: +81 48-581-8818 FAX: +81 48-581-1414

【Office】

■ HEAD OFFICE

■ MOLD FACTORY

■ PIN FACTORY

■ SHIKI FACTORY

■ NAGOYA FACTORY&OFFICE

■ TOCHIGI FACTORY&OFFICE

■ HAMAMATSU OFFICE

■ OSAKA OFFICE

■ HIROSHIMA OFFICE

COMPANY HISTORY

1960

- December 1966 Established for broach manufacturing and regrinding, repair and sales of machining tools.
- February 1967 Constructed plant for broach manufacturing and began production at 4847 Midori-cho, Kawaguchi-shi.

1970

- March 1970 Constructed new plant and relocated to Shiki-shi, Saitama-ken to upgrade facilities and expand production.
- July 1979 Upgraded broach production system and incorporated new facilities to achieve high-precision production and constructed No.2 plant in Shiki-shi.

1980

- November 1982 Opened Hamamatsu Sales Office to expand sales.
- December 1984 Used broach manufacturing technology to launch production of casting pins and core pins for use in aluminum die casting molds.
- February 1985 Constructed No. 3 plant in Shiki-shi to begin production of contact rubber molds.
- August 1985 Opened Nagoya Sales Office to expand sales.
- February 1986 Incorporate new facilities to expand broach production and constructed No. 4 plant in Shiki-shi.
- November 1987 Opened Osaka Sales Office in Kishiwada-shi to expand sales and constructed adjacent production plant for casting pins.
- October 1988 Received patent for simple mold manufacturing method.
- October 1989 Opened Tochigi Sales Office to expand sales and constructed adjacent service plant for broach regrinding.

1990

- April 1990 Opened Hiroshima Sales Office to expand sales.
- May 1990 Constructed No. 5 plant in Shiki-shi to streamline production.
- April 1996 Relocated main plant to Yorii-machi, Saitama-ken to construct new production system and streamline operations. Closed No. 2, No. 3, No. 4, and No. 5 plants and integrated into main plant.
- July 1996 Designated as Sai no Kuni plant by the governor of Saitama Prefecture.

2000

- September 2004 Constructed new mold plant in Fukaya-shi, Saitama-ken to expand mold production and incorporate new advanced facilities.
- January 2007 Constructed new pin plant in Fukaya-shi, Saitama-ken to expand production of casting pins and core pins for aluminum die cast molds.
- 2009 Formulated an Environment Policy and obtained EcoStage 1
- 2010 Constructed plant in Obusuma, Yorii-machi to expand broach production system.
- 2013 Changed company logo to honor spirit of company founding.



COMPANY OFFICE

HEAD OFFICE

■HEAD OFFICE

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Ōsato-gun, Saitama-ken
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■MOLD FACTORY

〒369-1246 125 Omaeda, Fukaya-shi, Saitama-ken
TEL:+81 48-579-1177 FAX:+81 48-584-2299

■PIN FACTORY

〒369-1246 125 Omaeda, Fukaya-shi, Saitama-ken
TEL:+81 48-579-1177 FAX:+81 48-579-0845



SHIKI FACTORY

〒353-0001 2-21-6 Kamimuneoka, Shiki-shi,
Saitama-ken
TEL:+81 48-472-5320 FAX:+81 48-474-4115



NAGOYA FACTORY&OFFICE

〒455-0863 4-2620 Shinchaya, Minato-ku, Nagoya-shi, Aichi-ken
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TOCHIGI FACTORY&OFFICE

〒321-4216 2363-7 Hanawa, Mashiko-machi, Haga-gun, Tochigi-ken
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HAMAMATSU OFFICE

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OSAKA OFFICE

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HIROSHIMA OFFICE

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