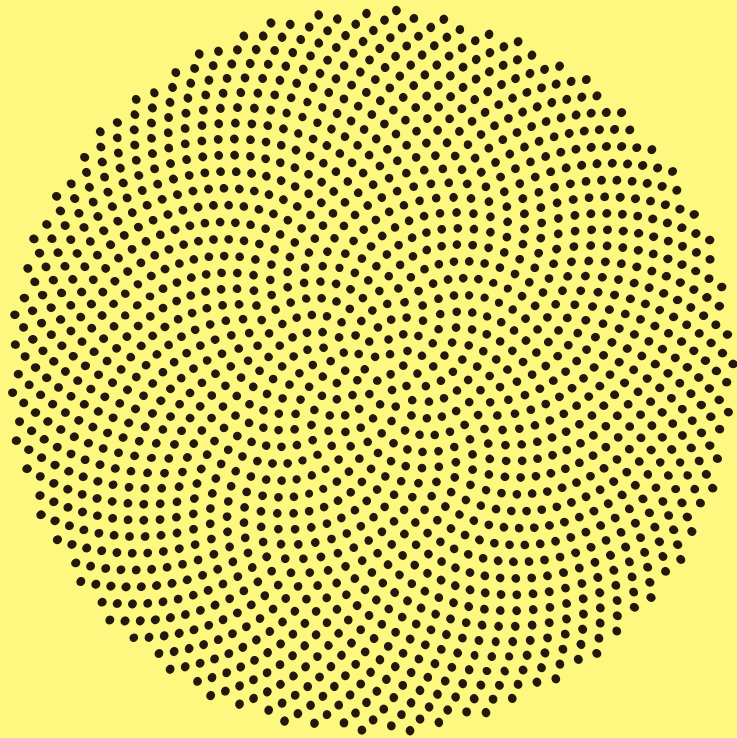


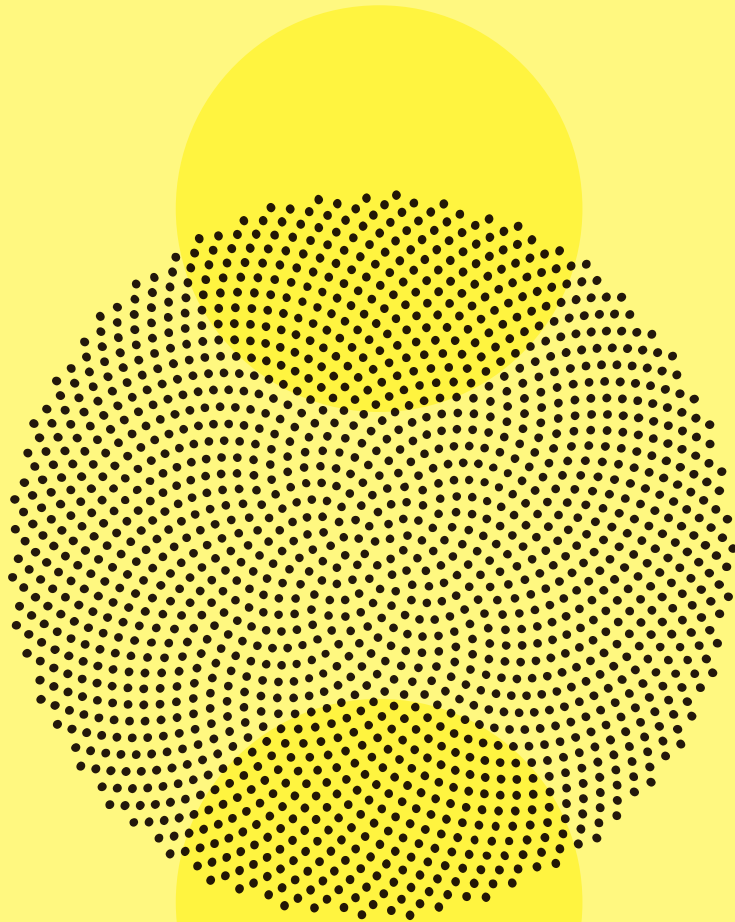
**A
HOLE
NEW
WORLD!**



NCIndustry

WE CREATE

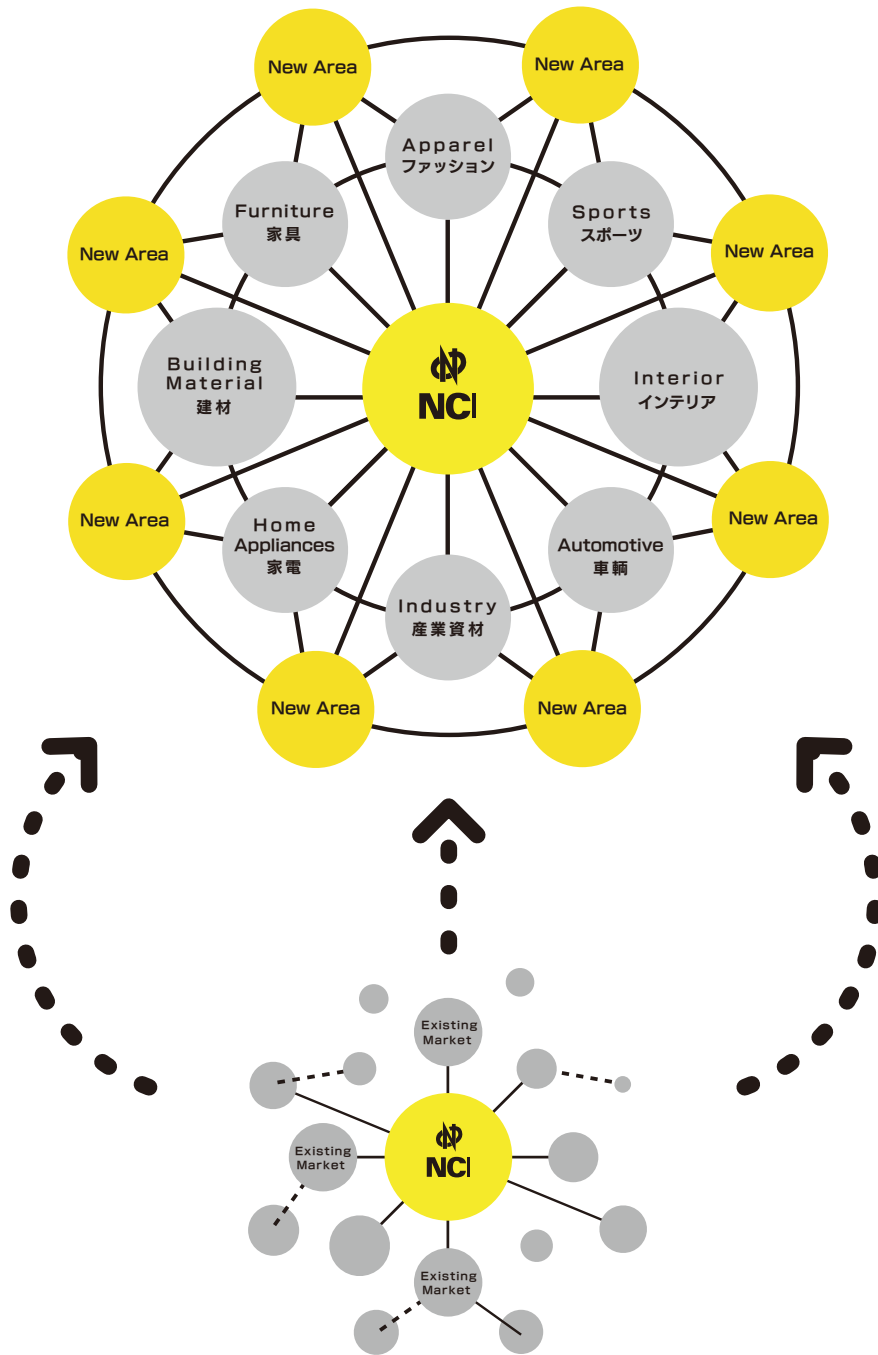
**Bringing a whole new value
through hole processing**



創業以来 40 年間、お客様とマーケットの求める
穴開けを追求してきました。
これからも、穴開けから始まる新しい価値の創造へ
チャレンジを続けてまいります。

For 40 years since the company's foundation, we strove to develop the hole processing technologies that will satisfy the customers and the market. We will continue to challenge and create innovating hole processing techniques that will bring a whole new value to our clients and society.

A NEW BUSINESS



WITH HOLE



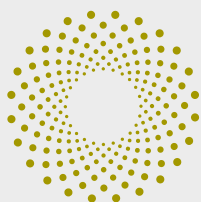
We care about the smiles beyond those holes

中世の北欧、とある教会の壁に穴が開いていました。
その壁の裏側には小さな壺がついていて、音を吸収する役割を担っていました。そのおかげで聖歌隊は思う存分歌うことができ、いつでも、すばらしい合唱ができたと言われていました。
その教会での光景はいつも笑顔に包まれていたことでしょう。
私たちエヌシー産業も穴の向こう側に見える笑顔を大切に考え、未来へと続く穴を創り続けていきます。

In medieval Northern Europe, a church had installed holes on its walls with little pots behind them. The holes acted as an efficient sound absorber that allowed the choir to sing to their heart's content. Thanks to these holes, the choir was able to perform to their full potentials.

We, the NC Industry, too care about the smiles we see beyond the holes we create. We will continue to bring our customers a whole new future filled with happy faces through hole processing.

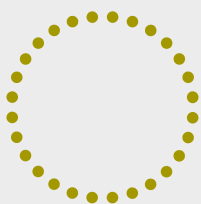
ABOUT HOLE



DOT
DOT

これまで培った穴開けの技術を結集した開発に取り組んでいます。より汎用性を持った機能性穴開け加工を通して、お客様とマーケットに最大限に貢献していくマテリアルを提供していきます。

Taking full advantage of the hole processing skills we've acquired over the years, we're working to develop new materials that will offer more versatility and contribute more fully to our customers and the market.

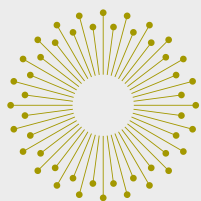


HOLE
WORKS

穴開け加工を施したプロダクト開発に取り組んでいます。

穴をテーマにした最終商品を通して、皆様へ驚きや快適性を提供していきます。

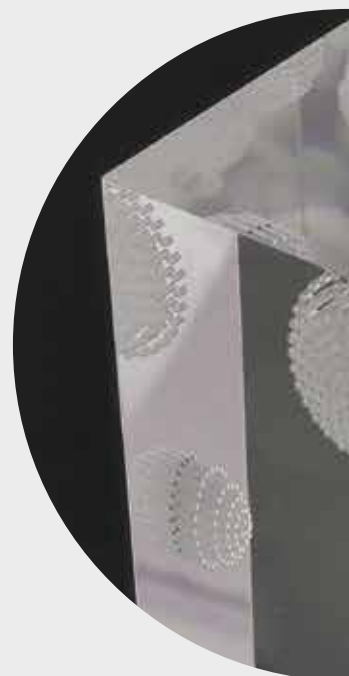
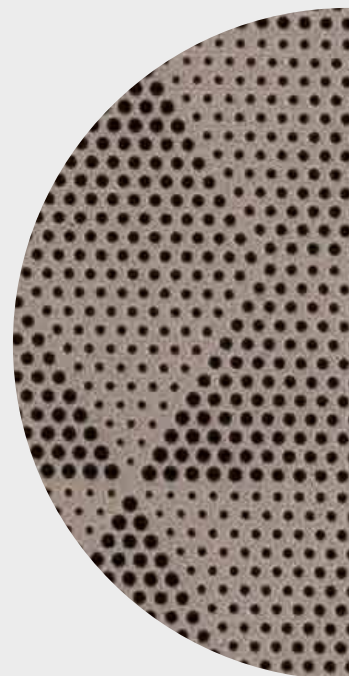
We're working to develop new products using our hole processing techniques that will inspire and bring comfort to your life.

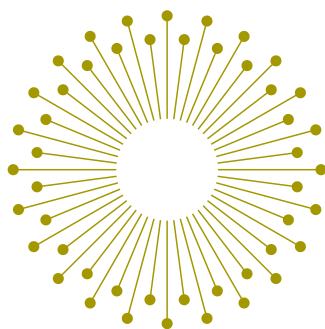
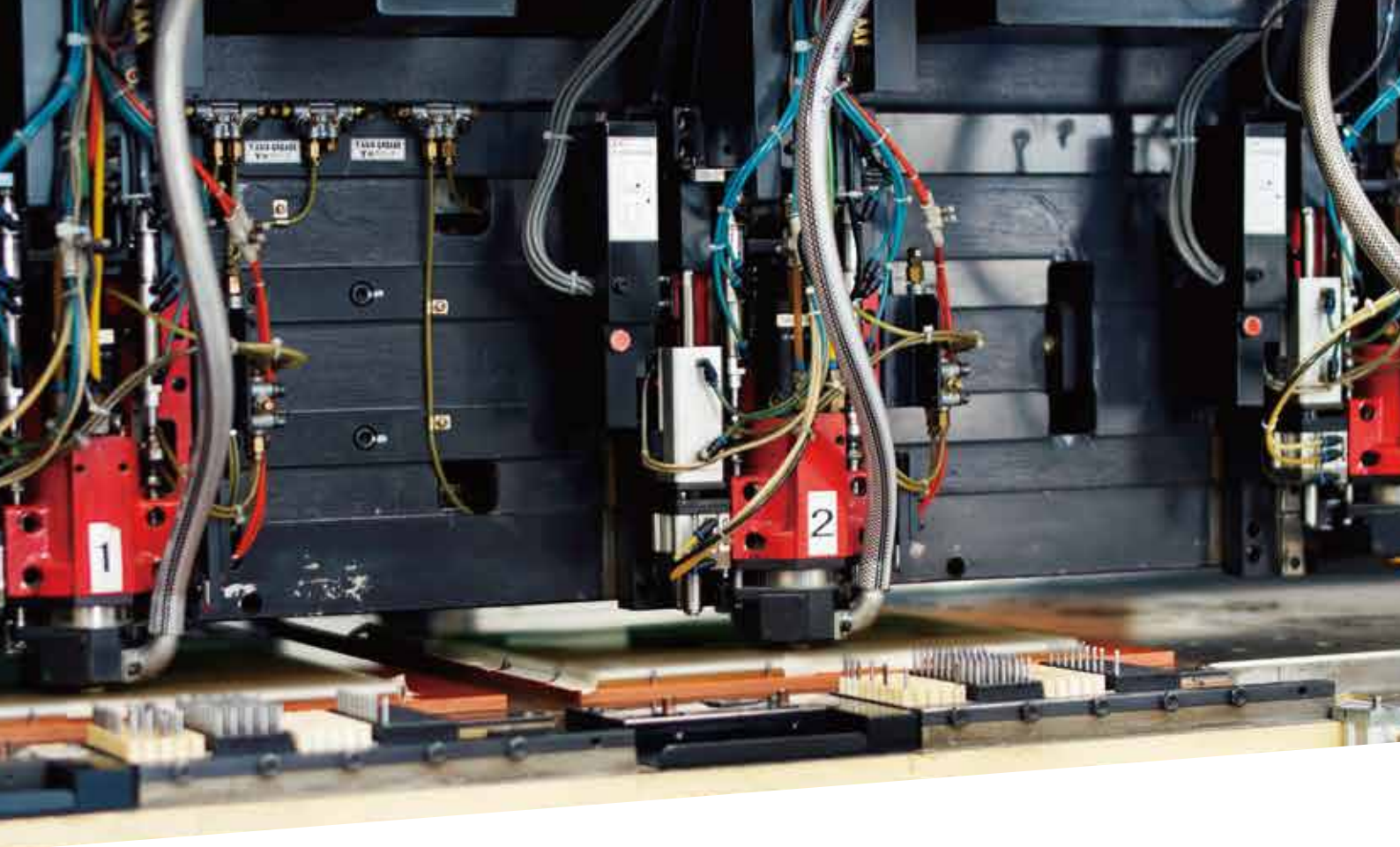


HOLE
TOOL

これまで培ってきた穴開けのノウハウを駆使して『ドリリング、パンチング、エッチング』等、穴を開けるあらゆる方法についてソリューションを提供していきます。

Making full use of our hole processing expertise, we provide various solutions to processing holes from "Drilling, Punching, to Etching."





HOLE TOOL

Making full use of our hole processing expertise, we provide various solutions to processing holes from “Drilling, Punching, to Etching.”

High speed rotation
200,000
r.p.m.

Collaboration technologies

- Screen printing
- Gravure printing
- Resin molding
- Stereolithography
- Vacuum forming
- Alumite treatment
- Plating
- Laser machining
- Punching
- Etching
- Thomson processing
- Pinnacle processing
- Metal stamping



● DRILLING ドリリング加工

Making full use of drilling and machining technologies, we process all kinds of materials from various resin and soft metals. Without having to make the mold, the multi-spindle drilling machine is capable of working simultaneously to keep the cost low and manage from small to large lot orders.

● Processing characteristics

| | |
|--|--|
| Effective hole diameter | Φ0.05 ~ Φ6.2 |
| Pitch (The distance from outer edge of hole to the outer edge of hole in 2 adjacent rows) | 0.1mm ※May defer according to the material used |
| Non-piercing hole processing | Possible |
| Processing surface | 530mm × 680mm per spindle ※approx 1000mm in the depth direction |
| Hole position accuracy Dimensional accuracy | Within ±50μm ~ ±30μm |

● Materials suitable for drilling

Acrylic / Polycarbonate / PET / Bakelite / Unilate / Carbon / PVC / Glass epoxy / Ultem / PPS / Aluminum / Copper / Urethane / Synthetic leather / Silicone / Paper

● Products with drilling processing

Printed circuit board · Barrel · Acoustic sheet · Smartphone · LED lighting · Wristband · Amusement park · Sound absorptive panel · Filter · Watch strap

● ROUTING ルーティング

“Outline machining” and “Countersink service” will process your products to the desired dimensions. We're equipped with the production capacity to respond promptly to your requests to downsize or specialize your end products. Our latest machine can handle high-speed fine shape cutting in volume.

● Processing characteristics

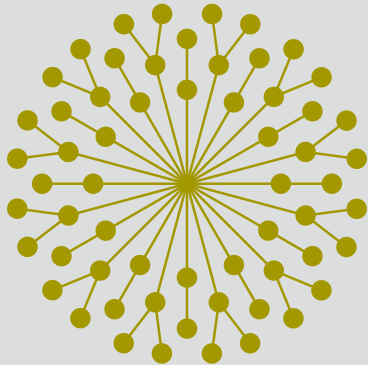
- No burrs or chip residues. High-speed mass production of fine outline machining with a maximum dimensional accuracy of 30μ.
- Countersinking with a mirror finish and cutting depth control.
- Optical dimension measuring device allows precise measuring, while the camera clicks away high quality images for better processing capability.

● MACHINING マシニング

Automatic programming (APT) allows computer-controlled automatic tool changer to handle various processing (milling, boring, and drilling) simultaneously to tailor to your needs. Through this system, we provide our customers with a low-cost, one-stop service (both designing & manufacturing) by using CAD/CAM that handles complex 3D object processing without the need to make actual jigs and molds.

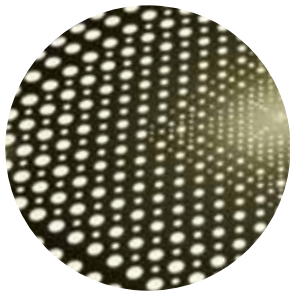


HOLE VALUE



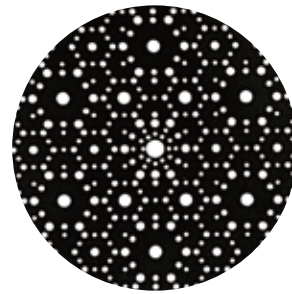
私たちの開ける穴から得られる価値は無限大です。精密な穴開け加工が実現する様々な機能性をご紹介します。

Our hole processing technologies will create infinite values and possibilities. Let us introduce various functions that a precise hole processing can bring.



Conductivity 導通

Plating inside the holes allows electrical conductivity.



Permeability 透過

You can see the other side through the holes. Change the pitch and the light can pass through too.



Sound absorbency 吸音

When sound passes through the holes, it creates sound absorbency effect. Setting to an appropriate pitch can maximize the results.

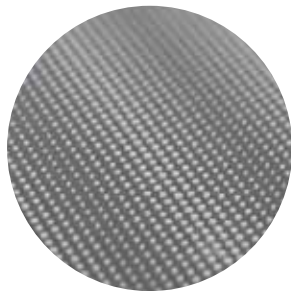


Breathable 通気

By opening the holes, air can pass through a flat surfaced material. Breathable material has many usages for various products.

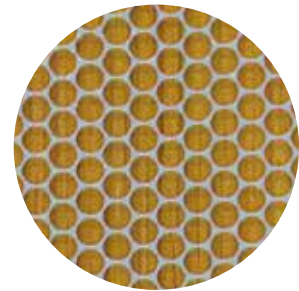
COLUMN

Have you seen a small hole at the bottom of the window on an airplane? This hole adjusts the pressure inside the plane and has an anti-fogging effect so that the passengers can comfortably spend their time on an airplane. It is a small piece of a big jumbo jet, yet it still plays a remarkably large role.



Liquidity
流動

Adjusting the pitch of hole diameter allows liquid and gas to pass through while maintaining material strength.



Lightness
軽量

When you're looking to save weight, opening holes will do the job.



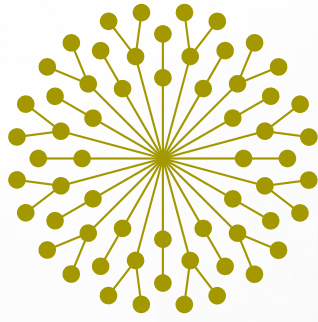
Designability
デザイン

Beautiful graphic design is possible through precise hole processing technologies.



Heat dissipation
放熱

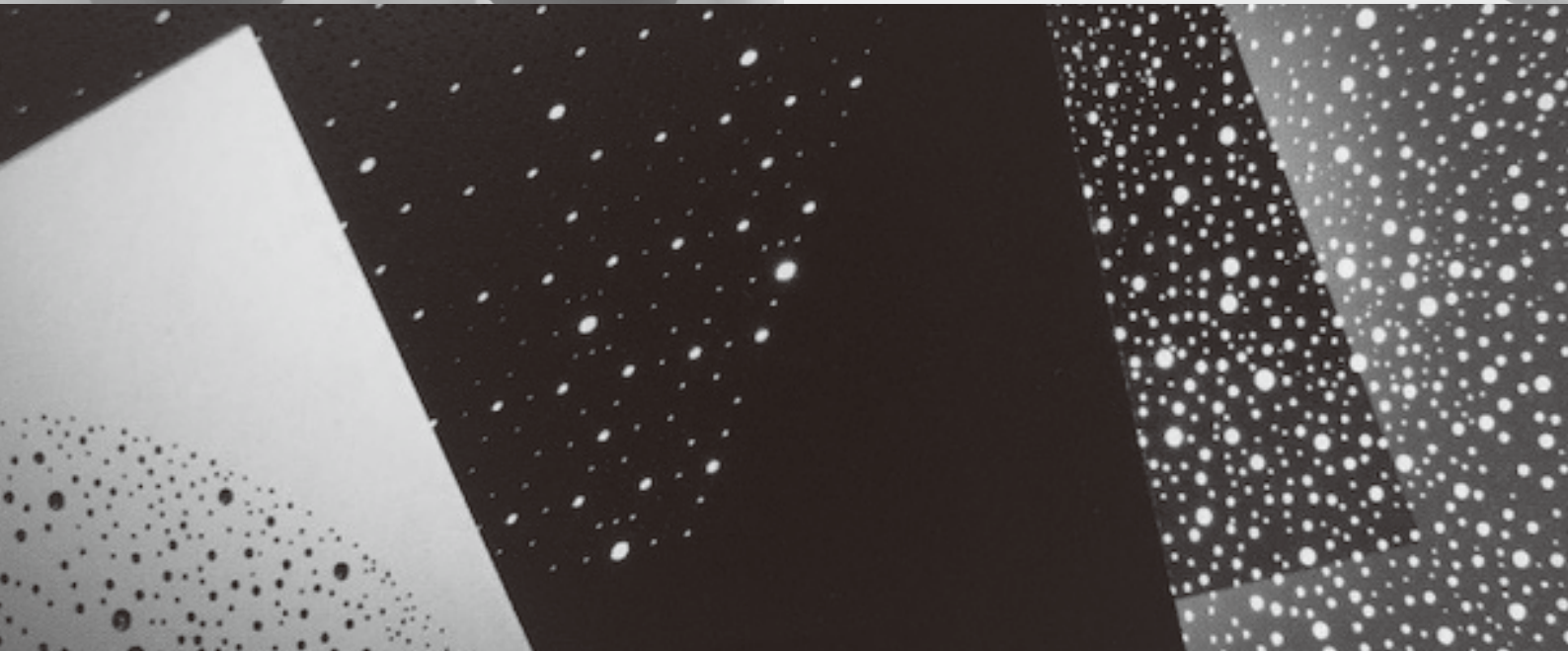
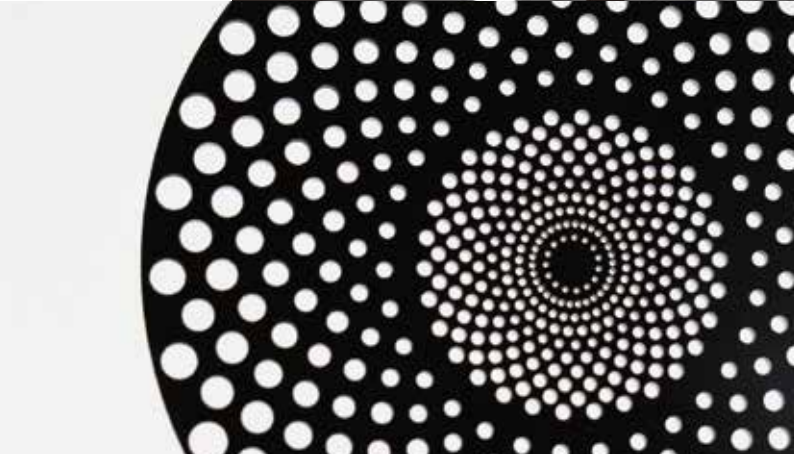
Suitable for unventilated places as holes help to release heat.

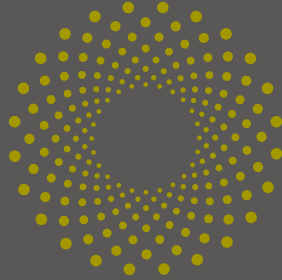


HOLE COLLABO

私たちの培ってきた穴開けにおけるネットワークパートナーとのコラボレーションにより、あらゆるプロダクト、建築部材なへ穴開け加工のトータルソリューションが可能です。

By collaborating with our network partners, we can offer a total solution to hole processing for every kind of products, including building components.





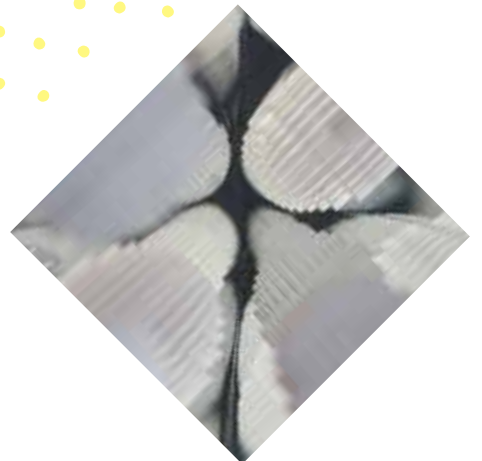
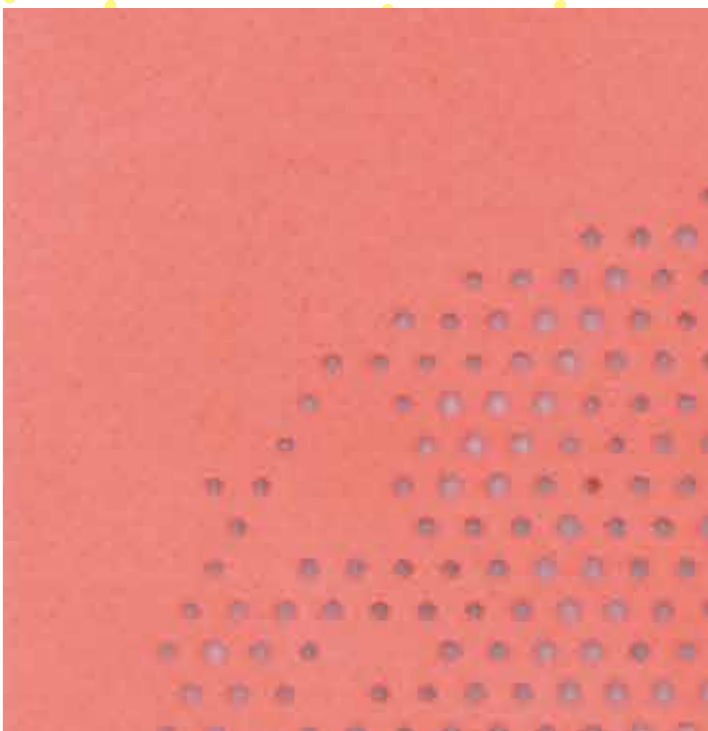
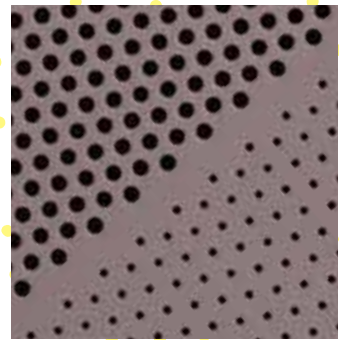
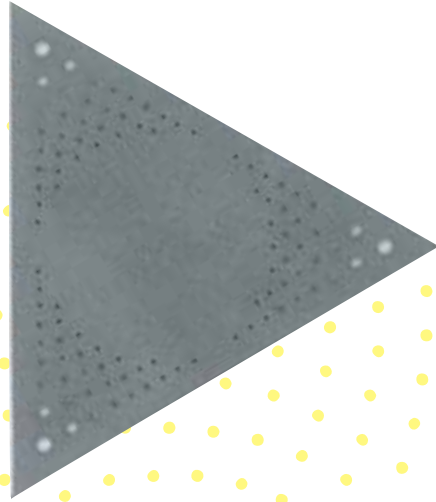
DOT
DOT

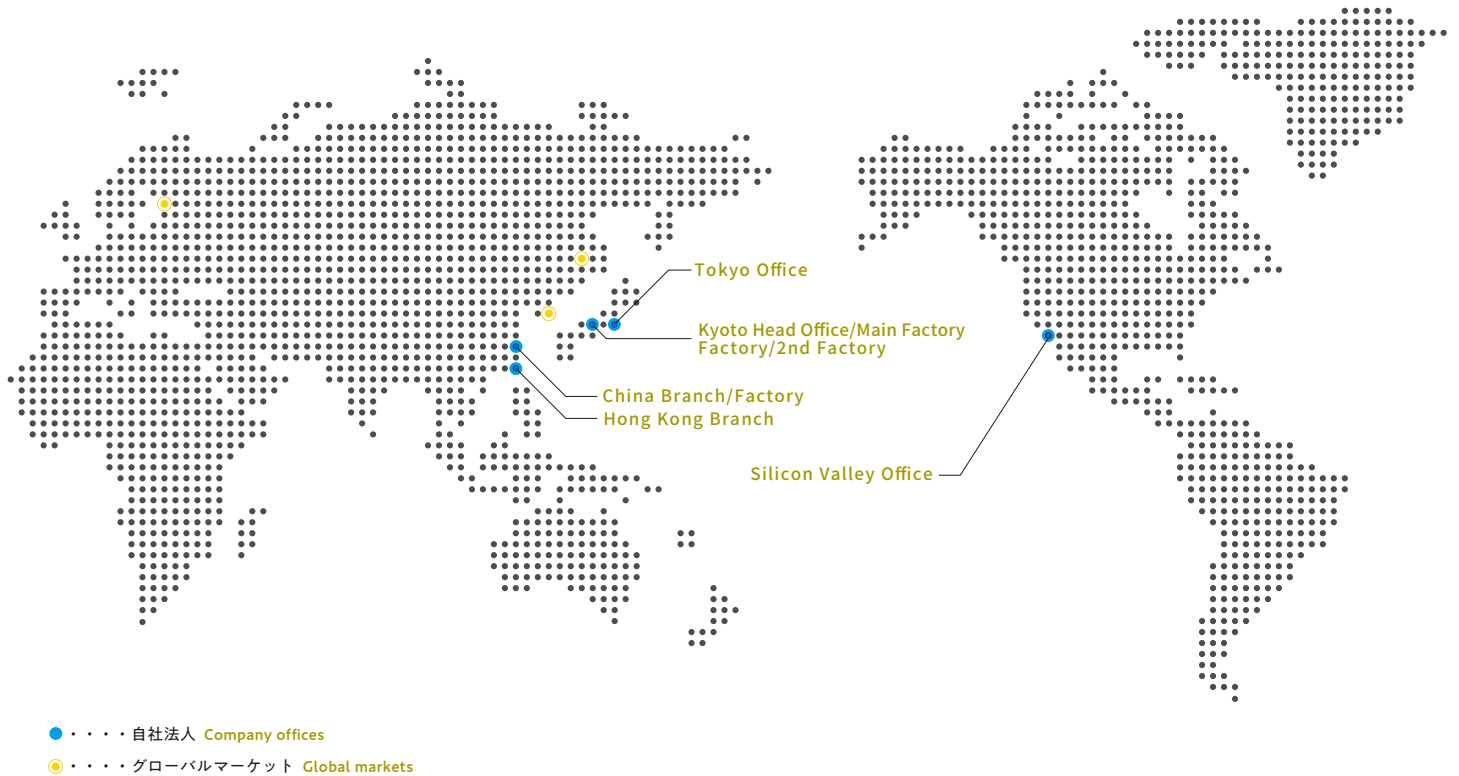
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Taking full advantage of the hole processing skills we've acquired over the years, we're working to develop new materials that will offer more versatility and contribute more fully to our customers and the market.

Utilization examples

- Speaker
- Cell phone
- Smartphone
- Tablet
- G-SHOCK
- Clock
- Entertainment machine
- Apparel
- Bag
- Medical equipment
- Sporting goods
- Wearables
- In-vehicle equipment
- Interior decoration
- Others





Head Office
in KYOTO



Second Factory
in KYOTO



FD Factory
in KYOTO



Tokyo Office
in TOKYO



China Branch
in CHINA



HKG Branch
in HONGKONG



Silicon Valley Office
in USA

Domestic locations

Head Office & Factory

170-1 Shintamaki Ichida Kumiyama-cho, Kuze-gun
Kyoto Prefecture 613-0022 Japan
TEL : +81-774-43-8851 FAX : +81-774-43-0523
[Corporate planning][Sales division, Business development]
[Jig business][Administration division]

FD Factory [Fine drilling factory]

167-1 Shintamaki Ichida Kumiyama-cho, Kuze-gun
Kyoto
Prefecture 613-0022 Japan
TEL : +81-774-44-3595 FAX : +81-774-44-3594
[High-precision drilling][Outline cutting]

Second/Third Factory

169-1 Shintamak Ichida Kumiyama-cho, Kuze-gun
Kyoto Prefecture 613-0022 Japan
TEL : +81-774-43-8851 (Head Office)
[Material cutting, end-face processing][TPS Group][Tiny
caliber factory]

Tokyo Office

5-5-25 Kita-shinagawa, Shinagawa-ku
Tokyo 141-0001 Japan
TEL : +81-3-6694-6106 FAX : +81-3-6694-6107
[Kanto Sales Division]

Overseas locations

Hong Kong Branch

NC Industry(H.K.)CO.,LTD
Rm. 1805, 18/F., Boss Commercial Centre,
28 Ferry Street, Jordan, Kowloon, Hong Kong
TEL : +852-2730-2366 FAX : +852-2735-2151
[Global Sales Division]

China Branch

NC INDUSTRY (SHENZHEN) CO.,LTD.
Unit A.1 / F-A1., Xinfu Industrial Zone Chongqing Road
Fuyong Town, Baoan District Shenzhen City, China
TEL : +86-755-2960-9948 FAX : +86-755-2960-9946
MAIL : infor@nci-sz.com
[Jig production][Image inspection system development,
Drilling]

Silicon Valley Office

440 N Wolfe Rd, Sunnyvale, CA 94085
Plug and Play Tech Center
MAIL : SV-NC@nc-industry.co.jp
[North America Sales Division]

ABOUT US

Representative
CEO Masanao Yamaguchi

Our Business

- High-precision drilling • Countersinking • Developing • 3D design
- Inspection jig • Design and manufacture, ICT, FCT, Other various jigs
- Solutions, Resin film • Carbon • Touch panel • Aluminum • Various molding
- Import / Export sales, Various acrylic plate, Clean item, Other ther insulating materials, Parts

Capital
30 million yen

Employees
130

NC Industry

<https://www.nc-industry.co.jp>



HOLE HOLE HOLE

<https://hole-hole-hole.com>



HOLE VIDEO

www.youtube.com/watch?v=ZtqZvC49D4k



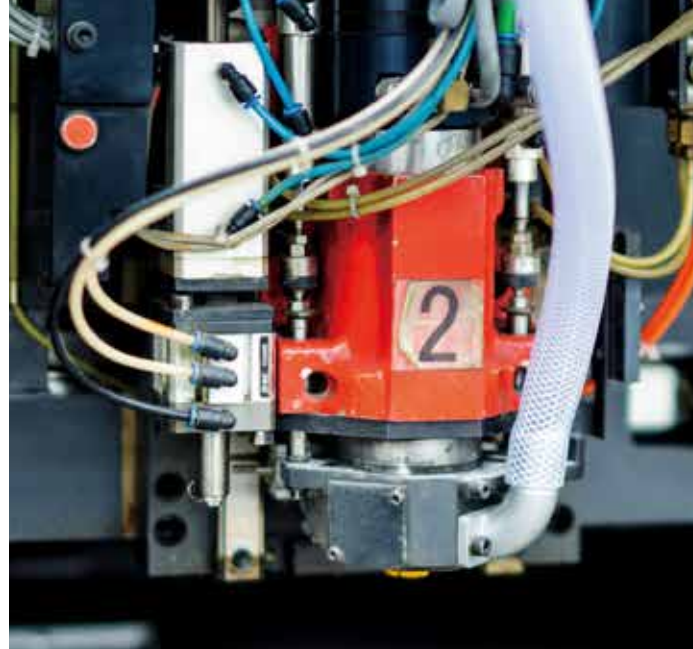
EC STORE

<https://ncindustry.thebase.in>



HISTORY

- 1975.10 Established NC Industry in Otsu-shi Shiga Pref. Started Drilling Business.
- 1977.12 Relocated to Kumiyama-cho, Kuze-gun Kyoto due to business expansion.
- 1981.01 First to start Outline (Routing) Machining with the enhancement of the production facility.
- 1984.12 New office building with significant expansion of institutional equipment and production facility.
- 1991.01 Started the production of the In-vehicle Electronic Wiring Inspection Tool.
- 1992.06 Started import and sales of the Acrylic plate.
- 1996.04 Made improvements to the quality control system & business structure due to the enforcement of the Product Liability Act.
- 2000.10 Established High Precision Drilling & FD (Fine Drilling) Factory. Increase of capital to 30 million yen. Acquired ISO9002 Certification for international quality standard.
- 2002.03 Established Hong Kong & China branch. Started overseas production.
- 2005.04 Opened Tokyo office.
- 2005.04 Acquired full ownership of China factory 恩希電子儀器有限公司 due to business expansion.
- 2008.10 Developed Drill Inspector (New collaboration business, accredited by Kansai Bureau of Economy, Trade and Industry)
- 2012.10 Entered the business of processing smartphone & tablet. Developed of the Visual Inspection Device.
- 2013.03 Addition of High Precision Drilling Machines and Semi-clean room.
- 2014.07 Implemented 3D CAD/CAM, 5-axis turntable. Started design contracting business.
- 2014.12 Opened Precision Machining Center.
- 2015.06 Entered different industries (In-vehicle, Exterior equipment, building material).
- 2016.03 3 additional Machining devices.
- 2018.06 Created a blogsite 穴.com
- 2018.09 Started building a brand for Drilling Business.
- 2021.04 Opened Silicon Valley Office.
- 2022.06 Started Metaverse Business (hole-related).





NCIndustry