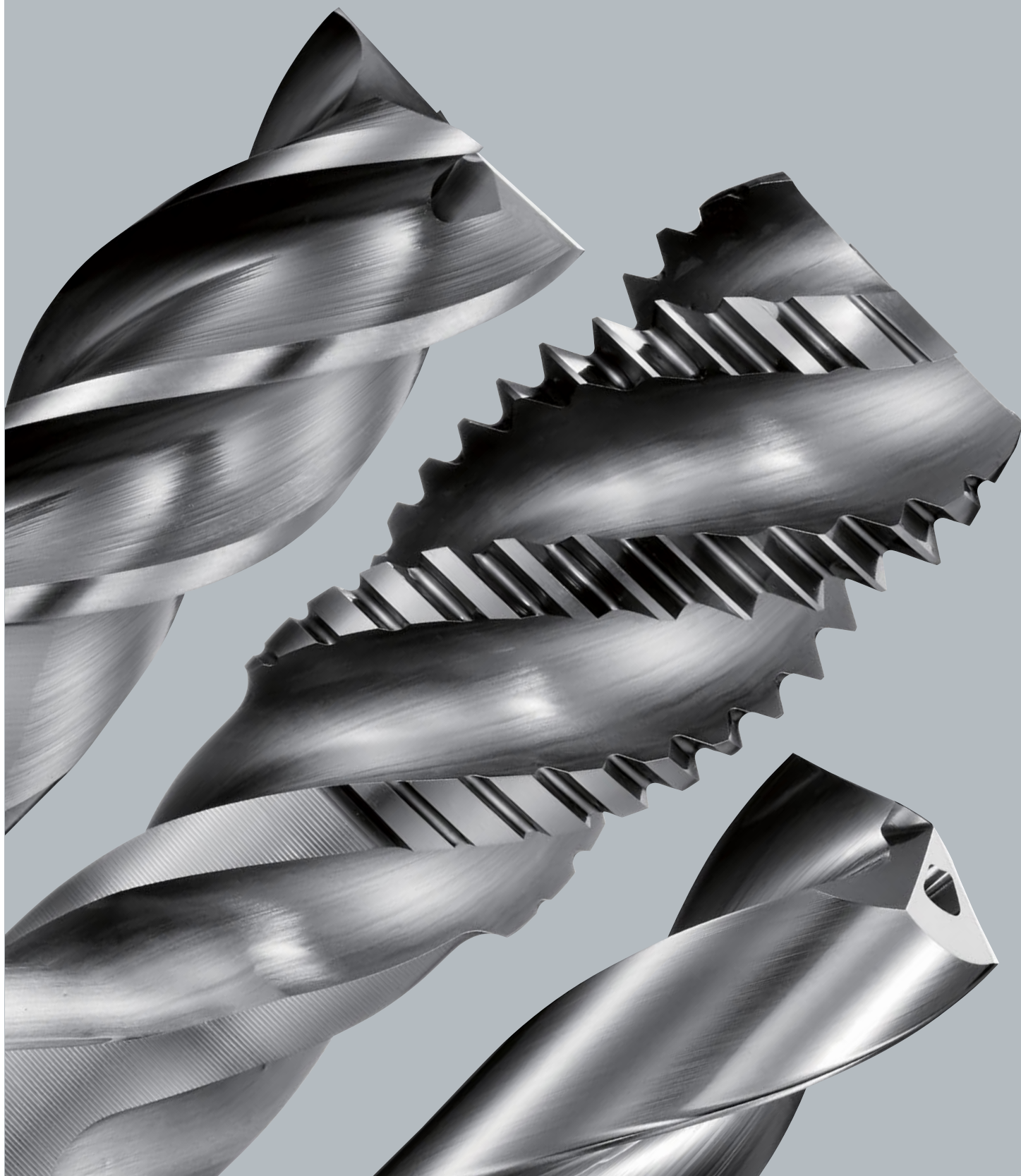




shaping your dreams

2021 Company Profile



A close-up, high-angle photograph of a metal drill bit, showing its sharp cutting edges and the spiral flutes. The drill bit is positioned diagonally across the frame. A solid blue rectangular box is overlaid on the right side of the image, containing white text. The background is a light, neutral color.

DNA of Manufacturing

OSG is the world's largest manufacturer of round cutting tools, with top global market share in taps, drills and end mills. Taps were the only products manufactured and sold when OSG began its operation in 1938. Since then, OSG has grown into a comprehensive cutting tool manufacturer, dramatically increased its product lineup to fulfill customer needs, offering gauges, dies, end mills, drills and indexable tooling.

OSG has always strived to provide quality products in sync with the latest technology and customer needs. This philosophy is the corporate DNA of OSG and the driving force of its global operation. The commitment to quality and new innovation will continue to guide OSG in maintaining its position as a world leader in the field of metal cutting.



Corporate Philosophy: Global Presence

As a comprehensive cutting tool manufacturer, we make products that at a fundamental level contribute to enhancing people's quality of life. Through continuous growth, we have established a production, sales, and technical support network spanning 33 countries. Our corporate aim is to continue to expand our operations globally and strengthen our contribution to manufacturing industries worldwide.

Business Model

Customer communication is at the heart of the OSG brand. We anticipate, listen and actively react to customer needs through on-site face-to-face support. OSG's vast global network provides our production sites with accurate feedback about user needs so that they can quickly design, develop, manufacture and deliver products that precisely meet those needs.

shaping your dreams

The power of OSG lies in our assured innovative technological know-how for producing high-quality and high-performance products;
our exceptional services to respond to situations diligently;
and our out-of-the-box thinking to provide total solutions that anticipate our customers' needs.

We are committed to contribute to the advancement of the manufacturing industries by shaping our customers' dreams into reality.

Shaping customers' dreams as a comprehensive cutting tool manufacturer

OSG Corporation has succeeded in maintaining steady growth over the past 80 years. We would like to express our heartfelt gratitude to the support of our customers, business partners and shareholders for contributing to OSG's tremendous global success today.

Ever since the company's establishment in 1938, OSG has been committed to developing quality products that truly exceed the expectations of each customer. This spirit remains alive in all facets of our operation today, and has given OSG the strength to challenge the status quo and deliver products and services in sync with manufacturing needs of the times. Our corporate tagline "shaping your dreams" summarizes this passion for new challenges and commitment to transforming each and every one of our customers' dreams into reality.

While the manufacturing industry is consistently evolving through the new discovery of materials and technologies, OSG is poised for continued growth by responding with new innovations. OSG will continue to support the global manufacturing industries while living up to our stakeholders' trust and expectations. We thank you for your continuous and enthusiastic support for OSG Corporation, a company that keeps evolving without forgetting its origin.



Norio Ishikawa

Norio Ishikawa
OSG Corporation
Chairman & CEO

Nobuaki Osawa

Nobuaki Osawa
OSG Corporation
President & COO

A commitment to quality that withstand the test of time

In March 1938, Hideo Osawa established OSG Grinding Co., Ltd. to achieve domestic production of high-quality taps. Thirty years later, OSG's first overseas subsidiary was established in the United States. Based on the corporate philosophy of "global presence," OSG has since then built a production, sales and technical support network spanning 33 countries. With over 50 years of experience in developing new markets and human assets, OSG will continue its global expansion and contribute to the advancement of the manufacturing industry worldwide.

March 1938

- Hideo Osawa established OSG Grinding Co., Ltd. in Tokyo
- Began manufacturing taps and dies



Hideo Osawa, Founder of OSG

May 1942

- Began manufacturing and sales of screw gauges

May 1943

- Established Aichi Factory (now OSG Academy)



Aug. 1956

- Began manufacturing and sales of cylindrical rolling dies

April 1961

- Toyokawa Factory began operation

May 1963

- Began manufacturing and sales of flat rolling dies



June 1963

- Changed the company name to OSG MFG. Company.

Dec. 1963

- Separated sales department and established OSG Corporation

Dec. 1964

- Stock listed on the 2nd Section of the Nagoya Stock Exchange

March 1967

- Oike Factory began operation

Aug. 1970

- Began manufacturing and sales of HSS end mills

Dec. 1970

- Stock listed on the 2nd Section of the Tokyo Stock Exchange

Dec. 1971

- Toyohashi Factory began operation

Sept. 1980

- Began manufacturing and sales of carbide end mills

June 1981

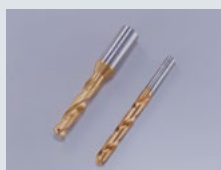
- Stock listed on the 1st Section of the Tokyo and Nagoya Stock Exchanges

Feb. 1982

- Shinshiro Factory began operation

March 1984

- Began manufacturing and sales of drills



Feb. 1987

- Began manufacturing and sales of cutter bodies

Nov. 1990

- Yana Factory began operation

Dec. 1992

- OSG MFG. Company and OSG Corporation were merged into OSG Corporation

Feb. 1993

- Relocated corporate headquarters to Toyokawa, Aichi

Jan. 1998

- Established Hongu Center

Dec. 1998

- Established CS Center



Dec. 2004

- Established Design Center

Dec. 2006

- Established Global Technology Center



June 2010

- Began sales of OSG Phoenix, an indexable tooling series

Sept. 2014

- Introduced "The A Brand" product brand

Nov. 2014

- Achieved consolidated net sales of 100 billion yen in FY2014

Sept. 2017

- Established D-Lab

2018

- OSG celebrated its 80th anniversary

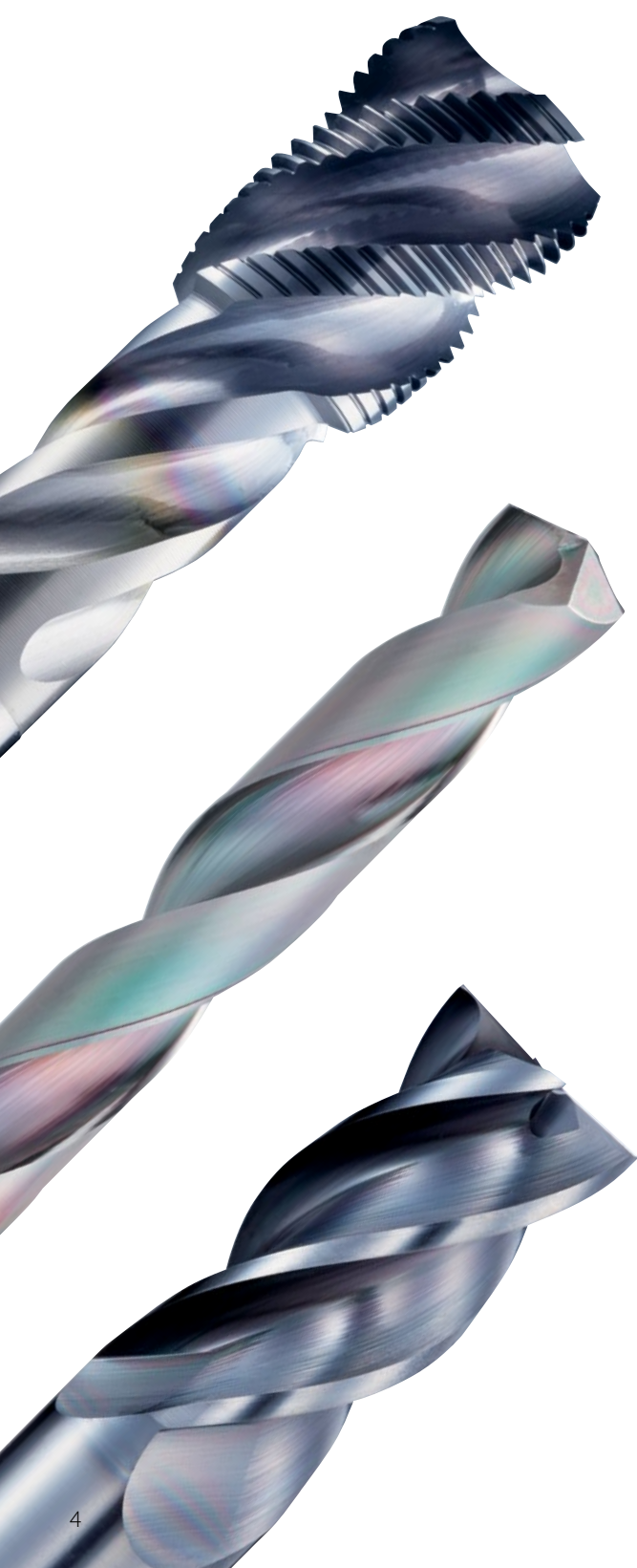
May 2020

- Completion of NEO Shinshiro Factory



Supporting global manufacturing with top class products and technology

OSG maintains absolute control over every aspect of its manufacturing capabilities. OSG products are produced in-house – from the production of tool material, creation of tool geometry, to the development of its own proprietary coatings – the 3 vital elements in the manufacturing of superior cutting tools.



Taps

Taps are used to cut screw threads on the inside surfaces of holes, creating the “female” half (nut) of the screw. High precision is of vital importance, particularly in areas such as automobile engines, which require precision screws. OSG offers a lineup of taps with diameters in various sizes and with specifications suitable for a wide variety of uses.

Drills

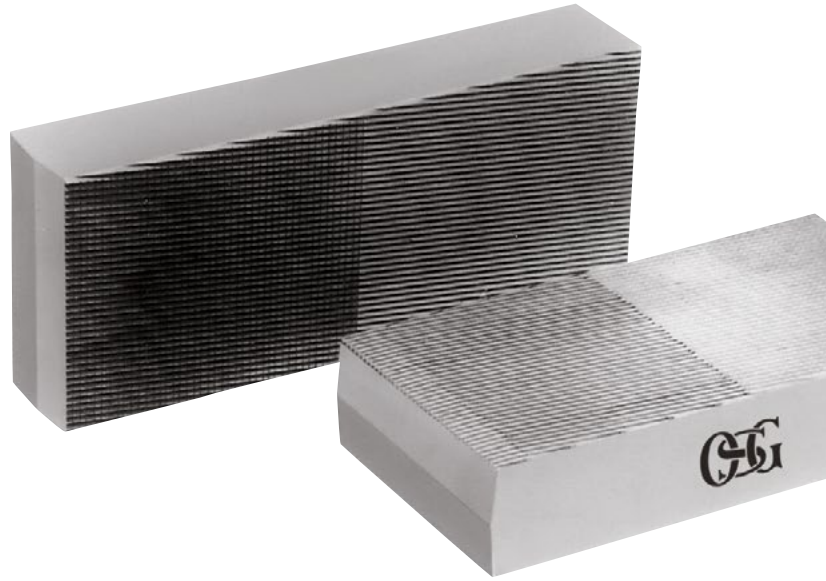
Drills are used to make holes in a wide range of surfaces. OSG has received high acclaim for the development of high-precision, high-value-added products for its use in automotive and aircraft part manufacture, which demands advanced processing techniques and zero margin of error.

End Mills

End mills are used to cut and contour molds for plastic parts, which include electric home appliances, die-casting dies for automotive parts and stamping molds. To meet today’s demanding requirements (smaller size, lower weight and reduced cost), OSG has developed many carbide end mills that are excellent in both processing accuracy and durability. To further enhance performance, efforts are made in the development of new products utilizing our advanced proprietary coating technique.

Rolling Dies

Thread rolling dies are used to copy threading onto “male” screws (bolts); the process consists of rolling a metal bar between two thread rolling dies tightly pressed to each side. OSG manufactures cylindrical and flat rolling dies for screws, worms and serrations, thread rolling planetary dies and counter-flow rolling dies, in accordance with their intended use.

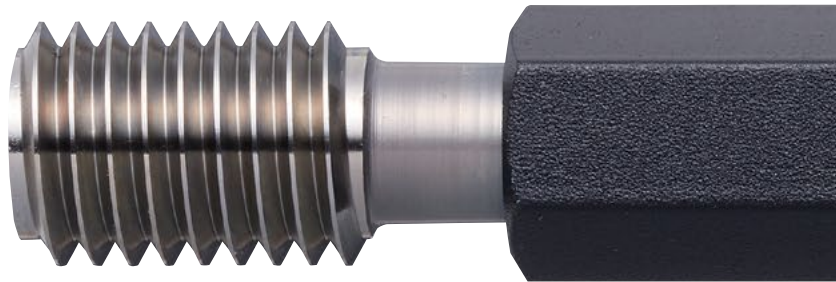


Indexable Tools

Indexable tools are used to shape metal molds and machine parts. While end mills are used for finishing, indexable tools are intended for rough cutting and contouring, and use disposable inserts attached to the tool body.

Gauges

Gauges are used to inspect the final dimensions of screw threads and holes. OSG was an early adopter of changes in the Japan Industrial Standards (JIS). Today, we offer a range of screw gauges based on ISO standards. Precision checking is an extremely important process because of the trend toward increasing product precision and compliance with international standards.



Innovation

OSG maintains absolute control over every aspect of its manufacturing capabilities to guarantee product quality. Additionally, OSG has integrated sustainability into various aspects of its operations to ensure an environmentally friendly, healthy and safe management system.

Offering high-precision, high-performance products with state-of-the-art facilities and meticulous quality control



Main Products: Taps

Yana Factory

50-5 Akaiwa, Tomioka, Shinshiro, Aichi 441-1335, Japan

Access: 20 minutes by car from the Shin-Tomei Expressway Shinshiro Interchange
Tel: +81-536-26-1411



Main Products: Rolling Dies, Gauges, Cutter Bodies

Toyohashi Factory

3-12 Kamiyama, Kamo, Toyohashi, Aichi 441-1101, Japan

Access: 15 minutes by car from the Tomei Expressway Toyokawa Interchange
Tel: +81-532-88-1141



Main Products: Carbide End Mills

Oike Factory

450 Kamishinkiri, Ichinomiya, Toyokawa, Aichi 441-1294, Japan

Access: 15 minutes by car from the Tomei Expressway Toyokawa Interchange
Tel: +81-533-93-2187



Main Products: In-house Machine Tools

Toyokawa Factory

2-17 Shirakumo, Toyokawa, Aichi 442-0018, Japan

Access: 10 minutes by car from the Tomei Expressway Toyokawa Interchange
Tel: +81-533-86-2188



Main Products: Carbide Drills, Carbide Taps, HSS Drills, HSS End Mills

Shinshiro Factory

1-2 Maruyama, Arumi, Shinshiro, Aichi 441-1317, Japan

Access: 3 minutes by car from the Shin-Tomei Expressway Shinshiro Interchange
Tel: +81-536-25-1311



Main Products: Coating Rods

Hongu Center

8-24 Tedori, Kaminagayama, Toyokawa, Aichi 441-1202, Japan

Access: 15 minutes by car from the Tomei Expressway Toyokawa Interchange
Tel: +81-533-92-1505

The OSG Academy consists of four facilities: Design Center, Global Technology Center, D-Lab, and the Guest House



Design, R&D **Design Center**

The Design Center (DC) was established through the integration of engineering units to provide faster responses to customers' manufacturing operation needs. It effectively uses 3D CAD and technology databases to provide timely solutions from multiple approaches.



Product Development **Global Technology Center**

OSG's Global Technology Center (GT Center) plays a key role in product development. This division and the testing laboratory work in unison to test product prototypes with fresh ideas, which are ultimately crafted into new innovative high-value-added products.

In 2013 a new production facility and administration building with over 5000 m² was opened in Göppingen, Germany. Additionally a new complex opened in December 2016 next to the OSG Germany office and facility, the OSG Academy. The OSG Academy features a technology center for demonstrations including research and development for the German and European market. The primary goal is to provide customers, employees and academia a modern platform for training and testing. The equipment of the OSG Academy contains of a state-of-the-art multi-media systems, as well as an auditorium with 60 seats. The machine hall houses a horizontal G 350 5-axis machining center from GROB and a high-speed HSC 600 cutting center from EXERON.

OSG also sees further use of the technology center in tests for customers. OSG will test newly produced tools and geometries. The OSG Academy and the technology center have created a central contact point for OSG Europe. OSG branches from Italy, France, Spain, Scandinavia and the Benelux countries will be continually visiting.



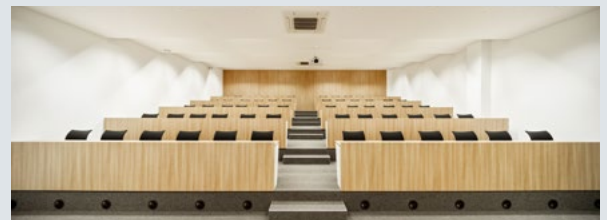
Product Development **D-Lab**

The purpose of the D-Lab (Development Laboratory) aims to accelerate cutting tool development for enhancing manufacturing efficiency in sync with the latest technology.



Training Facility **Guest House**

As an accommodation facility for participants in training programs, the Guest House welcomes visitors from Japan and overseas. It is also used as a venue for new product seminars and events, and as a center for communication among the tooling community.



A global network that accelerates international business development

In 1968, OSG Corporation established its very first overseas subsidiary in the United States. Since then, OSG has dynamically expanded its global presence, establishing a production, sales and technical support network spanning 33 countries.



| EUROPE |

- Austria
- Belgium
- Denmark
- France
- Germany
- Italy
- Ireland
- The Netherlands
- Poland
- Romania
- Russia
- Spain
- Slovakia
- Sweden
- South Africa
- Switzerland
- Turkey
- United Kingdom

| ASIA |

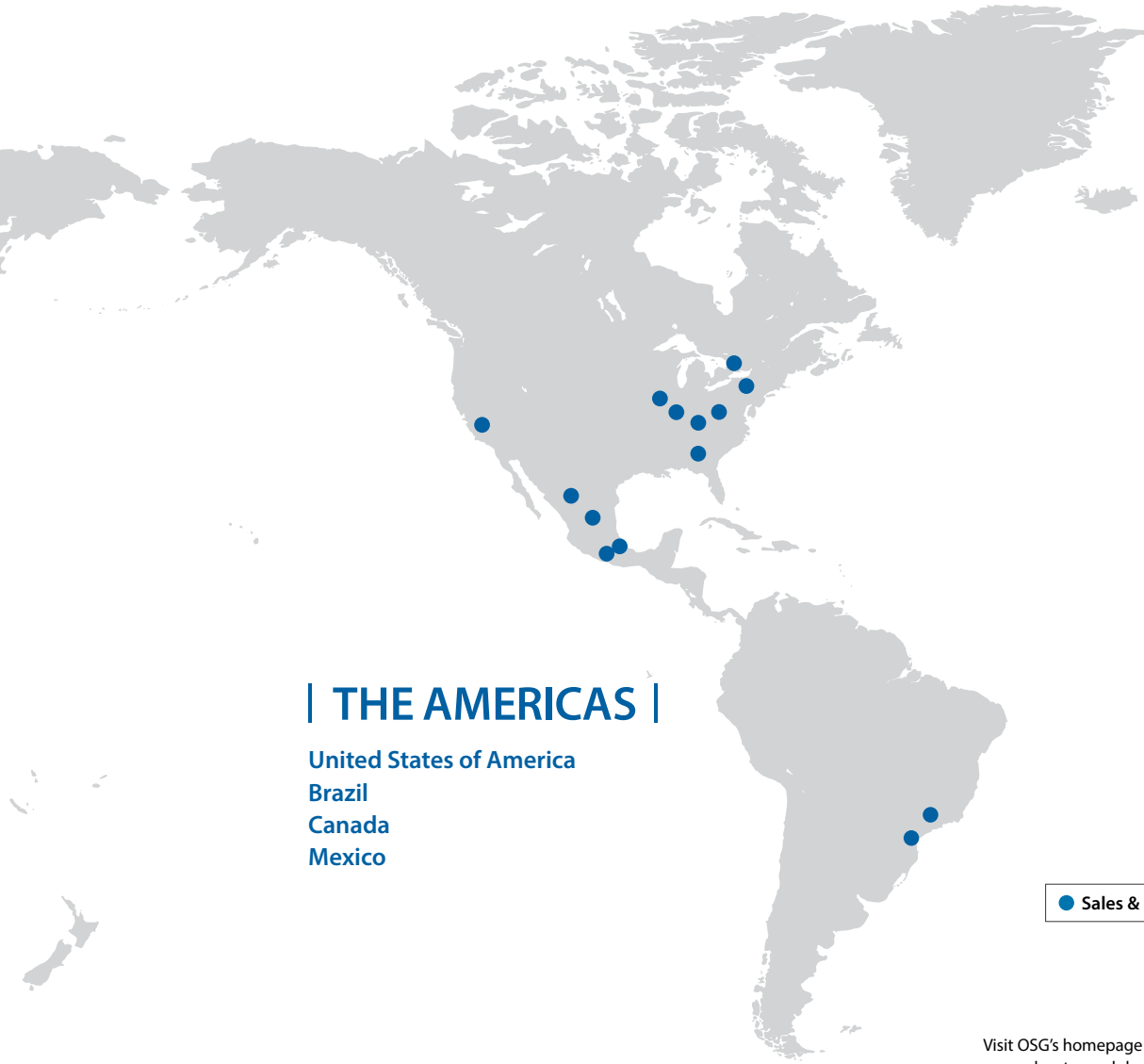
- Singapore
- China
- India
- Indonesia
- Japan
- Malaysia
- Philippines
- South Korea
- Taiwan
- Thailand
- Vietnam



Belgium (OSG Europe Logistics S.A.)



Singapore (OSG Asia Pte Ltd.)



| THE AMERICAS |

- United States of America
- Brazil
- Canada
- Mexico

● Sales & Manufacturing Sites

As of January 31, 2021

Visit OSG's homepage to learn more about our global network



United States of America (OSG USA, Inc.)

OSG is a group of specialists in hole processing, precision machining and form shaping

OSG and its group companies are staffed with specialists in taps, drills, reamers, boring tools, round shank and indexable end mills, cold form dies, and broaches to fulfill every manufacturing needs.

PRODUCTS:

BY OSG

BY OSG GROUP

HOLE PROCESSING

TAPS 

DRILLS 

REAMERS 

BORING TOOLS 

PRECISION MACHINING

END MILLS (RS) 

END MILLS (IND) 

FORM SHAPING

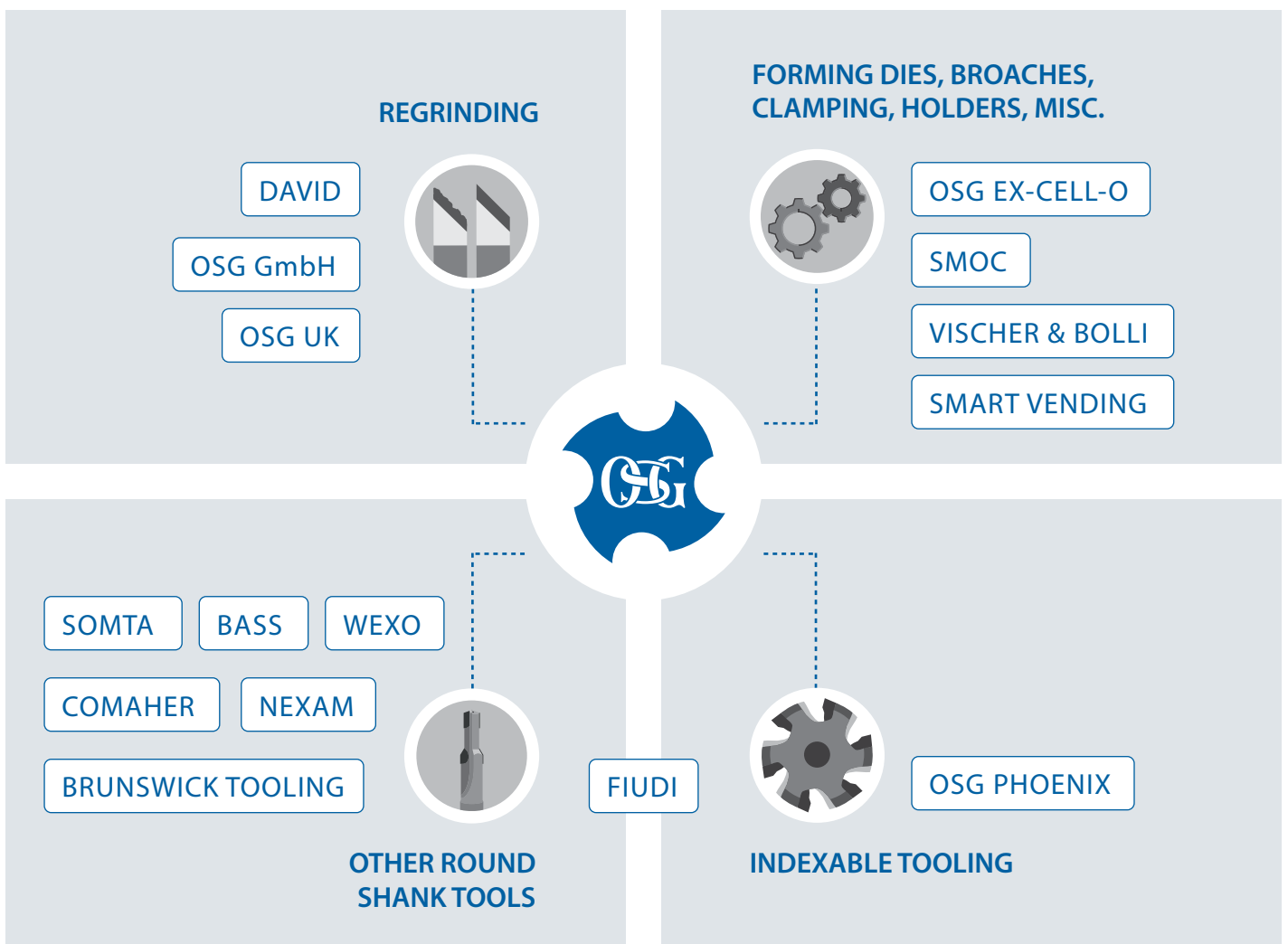
COLD FORM DIES 

BROACHES 

OSG Brands in Europe



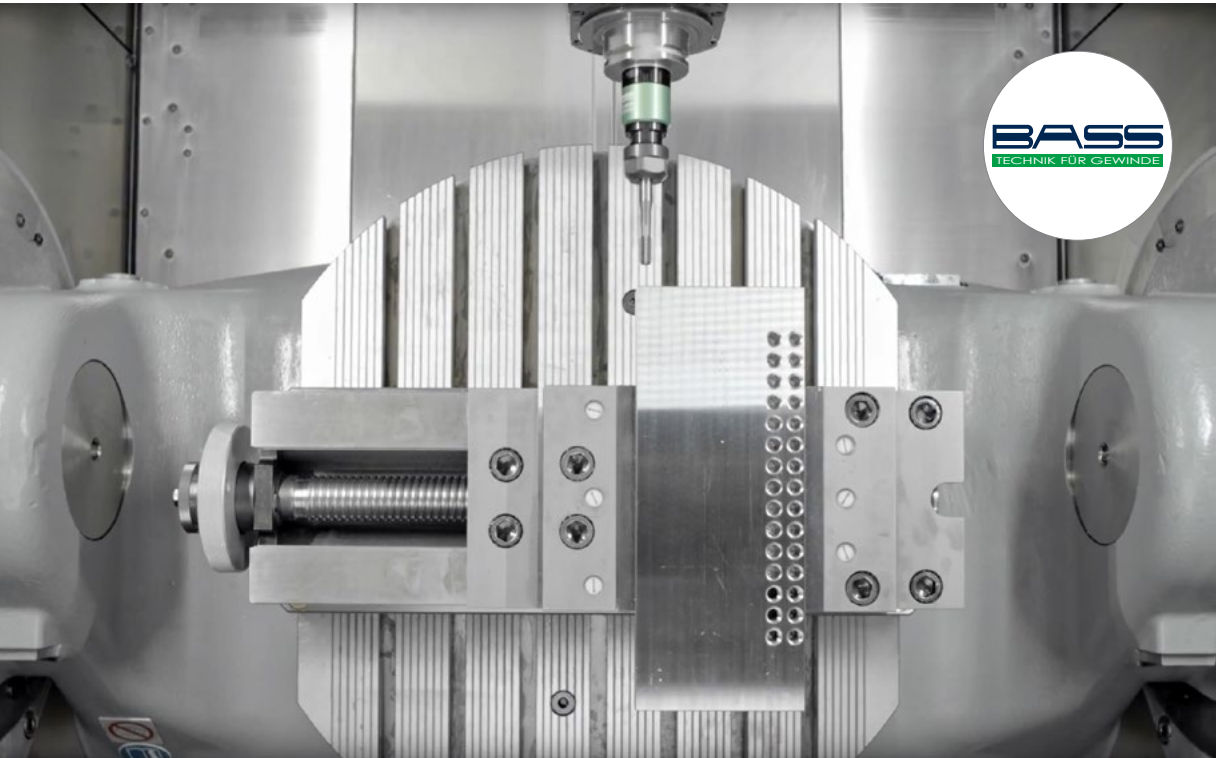
Brands & Product Categories



1997 marks the first establishment of OSG's European operations

In order to better serve and contribute to the manufacturing industry of Europe, OSG has continuously invested in its services and in new partners.

Today, OSG's network in Europe consists of 29 companies that are determined to offer the best cutting edge solution. BASS, OSG EX-CELL-O, and Fiudi are the newest members of the OSG family.



BASS GmbH & Co. KG
Location: Germany
Acquired: 2019
Specialties: standard and special taps



Fiudi
Location: Italy
Acquired: 2019
Specialties: diamond and PCD tools



MAG Coldforming Technology
Now renamed as OSG E-CELL-O
Location: Germany
Acquired: 2019
Specialties: cold forming machines and tools

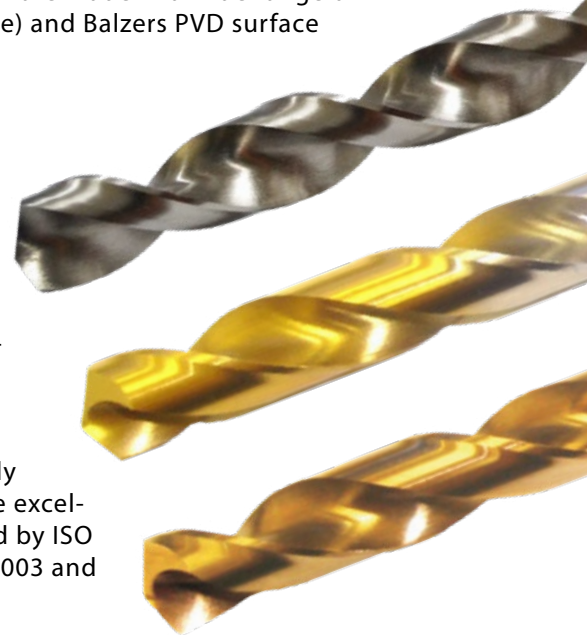


SOMTA TOOLS

Somta Tools specialises in the design and manufacture of standard and custom tools for the industrial and “do it yourself” markets. Product categories can be summarised as drills, cutters, reamers, threading tools and toolbits, which are made in a wide range of sizes, using various materials (HSS and Solid Carbide) and Balzers PVD surface coatings to extend wear life.

The factory in Pietermaritzburg manufactures 7000 standard items and a further 3000 made-to-order items to serve local markets and export markets in over 70 countries worldwide. From humble beginnings in 1954 with 20 employees, Somta has grown into one of the largest cutting tool manufacturers in the southern hemisphere, operating from offices and modern manufacturing facilities laid out over 3 hectares with a complement of over 400 employees.

The company’s vision of “To manufacture and supply superior cutting tools, driven by a culture of service excellence, to global and domestic markets” is supported by ISO 9002 which was achieved in 1991 and ISO 9001 in 2003 and 2008.



NEXAM CUTTING TOOLS

Since 1946, Desgranges has continually developed with the aim of offering its customers the most innovative solutions. Focusing on high performance and optimum quality, we have developed an across-the-board range of standard cutting tools, as well as tailor-made products created by our design office.

For more than a decade, our group has been working hand-in-hand with Desgranges Cutting Tools, Affût Rapid and Desgranges Aero to offer you an unprecedented synergy of skills. This enables us to keep track of our cutting tools throughout their life cycle, from design through sharpening to recycling, so that we can offer a full range of adapted and customized solutions.

In tune with our most demanding customers, and always seeking a competitive edge, the Desgranges Group focuses on its excellent product offering that enables it to develop solutions ranging from machining sequence specification to tool management.





SMOC INDUSTRIES

SMOC Industries was founded in 1946. Its major activity consisted in trading cutting tools. During the 60's, the company went on specializing into this type of tools. In 1969, the factory started manufacturing broaching tools. In 2016 turnover reached 10,5 M€ with 90 employees. SMOC products are considered from the highest technology & purchased worldwide (France, Germany, Italy, Japan, China, India, etc.) Due to high demand in aeronautic & gas turbine business, SMOC opened a new facility 1600m² dedicated to aeronautic and tool management in March 2017. Thanks to its Engineering Dept, SMOC Industries is able to design in 3D on its own, tools based on customers' requirements/specifications.

Besides manufacturing brand new tools, SMOC Industries disposes of other abilities, such as tool re-sharpening operations (without interruption, 7 days/a week), tool repair, management of tools (re-sharpening, life control, replacement, etc..) for some of its customers, technical assistance on their sites. Furthermore, the production at SMOC Industries is split into sectors, each one oriented on a kind of tool, according to our customers' wishes for interlocutors more specifically specialized in their ranges of tools (i.e. internal broaching tools, surface broaching tools and racks, fir-tree broaching tools, re-sharpening and repairing operations).



BRUNSWICK TOOLING

Brunswick Tooling was formed in 1948, and since that time have been specialised in the design and manufacture of high quality cutting tools. All Brunswick Tooling is designed and manufactured in-house with the only exceptions being heat treatment and coating processes. There is a rigorous inspection process to ensure quality standards are maintained. As well as designing and manufacturing new cutting tools Brunswick Tooling has extensive skills in regrinding and servicing on almost any type of cutting tool, from a standard twist drill to some of the most complex form cutters and high performance drills.

Brunswick Tooling has a policy of continuous development through investment in new machine tools and equipment, product improvement and employee training. This ensures continuity of manufacture of high specification tooling.





OSG ONLINE

OSG Europe has redesigned its website by streamlining menus, simplifying navigation, building a responsive layout for all platforms.

The new site has been crafted to be faster than ever and to be more user friendly. Shop online 24/7 and get your OSG tools delivered the next business day. In the near future we will expand our product offering with products from our group companies.

www.osgeurope.com



OSG SMART VENDING

With OSG Smart Vending you will take control on your cutting tools inventory. It reduces your material handling cost by up to 40%.

- High security
- Accountability
- Control
- Increased productivity
- 24/7 availability
- Advanced software

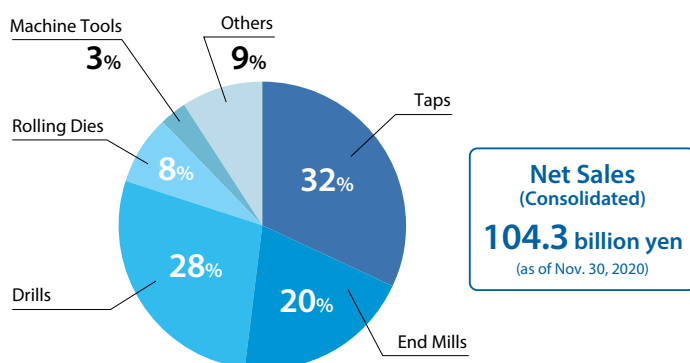


Company Overview

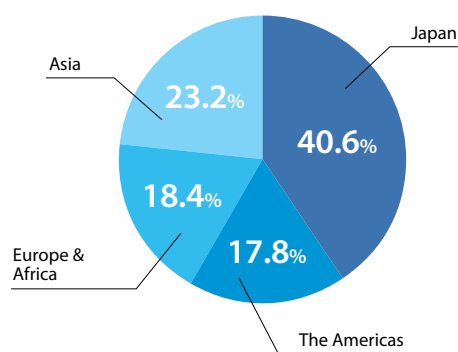
(as of Nov. 30, 2020)

Company Name	OSG Corporation
Headquarters	3-22 Honnogahara, Toyokawa, Aichi, Japan
Established	March 26, 1938
Description of Business	Manufacture and sales of cutting tools, rolling dies, gauges, machine tools, and machine parts; import and sales of tools
Capital	12,223 million yen
Representatives (as of Feb. 20, 2021)	Norio Ishikawa, Chairman & CEO Nobuaki Osawa, President & COO
Number of Employees	7,173 (Consolidated) 1,881 (Non-consolidated)
Net Sales (FY2020)	104,388 million yen (Consolidated) 43,779 million yen (Non-consolidated)
Stock Market	1st Section of the Tokyo and Nagoya Stock Exchanges
Stock Code	6136 (Nikkei 500, JPX Nikkei 400)

Sales by Product



Net Sales by Region





shaping your dreams

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Tool specifications subject to change without notice.

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