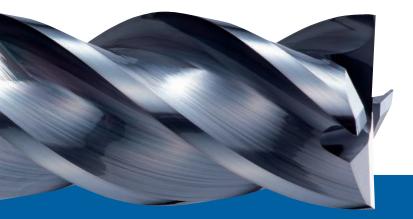


2025 Company Profile





Beyond the Limit

OSG is a comprehensive tooling manufacturer known for its world-renowned taps and other product offering such as end mills, drills, and rolling dies. Moving toward an era of carbon neutrality, OSG will strive to achieve further growth as an essential player that contributes to the global manufacturing industry and the realization of a sustainable society based on its "global presence" corporate philosophy.

Contents

Message from Management	3
Philosophy & Business Model	5
History	6
Core Products	7
Industry Solutions	9
Manufacturing Sites	11
R&D Locations	12
Digitalization	13
Domestic Sales & Service Network	15
Domestic Group Companies	16
Global Network	17
Medium-Term Management Plan	19
OSG's ESG	21
Company Overview	22

Shaping customers' dreams as a comprehensive cutting tool manufacturer

In order to support the manufacturing industry on a global scale, OSG has created high-quality cutting tools one after another and has actively promoted overseas expansion under its corporate philosophy of "global presence." Furthermore, communication is the most important factor in proposing tooling solutions and machining methods to customers involved in a wide variety of manufacturing. OSG places great emphasis on "tool communication," using cutting tools as means of dialogue. In addition, the tagline "shaping your dreams" serves as the vision of the OSG brand. It embodies OSG's strong determination to transform dreams into reality by providing products and services that are truly satisfactory through manufacturing.

Aiming to become an "OSG brand" that is trusted by all, OSG will endeavor to contribute to a prosperous future that gives shape to dreams and a society in harmony with nature.

We look forward to your continued support and patronage.



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.

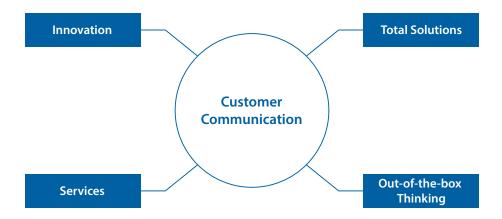
Our corporate aim is to continue to expand our operations globally and strengthen our contribution to manufacturing industries worldwide.

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.



The Power to Exceed Customers' Expectations

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.



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

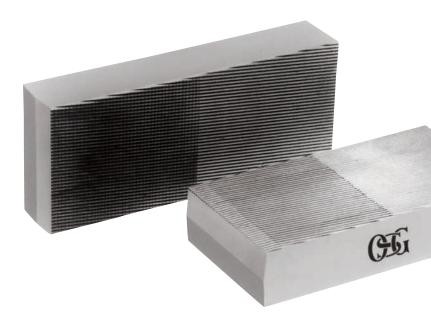
Drills are used to make holes in a wide range of surfaces. OSG has received high acclaim for the development of high-precision, high-value-added products for its use in automotive and aircraft part manufacture, which demands advanced processing techniques and zero margin of error.

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 threads 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, as well as thread rolling planetary dies and counterflow 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.



Innovative cutting tool solutions engineered for an array of industries to drive better results and productivity

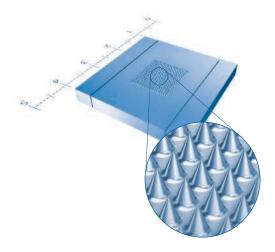


Automotive

Cutting tool solutions that can correspond to the changing needs of the automotive industry

The automotive industry has been evolving rapidly in recent years through the new discovery of materials and technologies, prompting the need of sophisticated cutting tools capable of accommodating these new requirements. OSG is continuing to evolve and responding to changing needs through new innovations. OSG not only supplies powerful cutting tools for the automotive industry, but also provides tailored application solutions to facilitate better processing with higher efficiency and longer durability.





Micro Precision Processing

High machining accuracy measured in micrometers that is required by the micro precision processing industry

Small-diameter, high-performance tools are indispensable in the micro precision processing industry, which is expanding into various fields such as 5G and semiconductors, precision molds, mobility (EV), and robotics. OSG will strive to support this industry by providing cutting tools and optimal solutions that meet the specific needs of its clients.







Die / Mold

Comprehensive lineup of high precision, high quality end mills designed to fulfill every die/mold manufacturing needs

In die/mold manufacturing, a part's quality is highly correlated to the performance of the overall product. OSG's end mills supply speed with size variations and unrivaled quality even for the most complicated mold production.





Work samples

Aerospace

Tooling innovations designed to excel in difficult-to-machine aerospace materials

The aerospace industry's mission is to manufacture more environmentally progressive, longer-range and faster aircrafts that require lower operating costs. OSG's aerospace tooling shares the same mission. With years of experience and know-how, our cutting tools are the industry standard for tough materials like CFRP.





Wing rib, fitting, CFRP structures, etc.

Heavy Industry

Heavy industry's tough materials and large production require strong tools designed for performance

OSG offers large diameter tooling for the machining of big components, common in the heavy industry such as shipbuilding and construction machinery. OSG has developed a spectrum of products designated for various materials and sizes to help manufacturers achieve the best possible result.





Hydraulic control valve, slewing bearing, engine, etc.

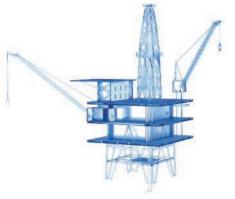
Energy

Precision tooling solutions for large component manufacturing common in the energy industry

The energy industry provides fuel necessary for our daily lives and requires precision machining of large parts and difficult-to-machine materials that can withstand various hostile conditions. OSG offers optimized cutting tool solutions for the most demanding requirements of power generation metal cutting.







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

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

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



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: 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: Rolling Dies, Gauges, Cutter Bodys

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



Toyokawa Factory

Main Products: In-house Machine Tools

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: 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 so-called "OSG's brains," where designing, testing and development take place



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.



duct 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**

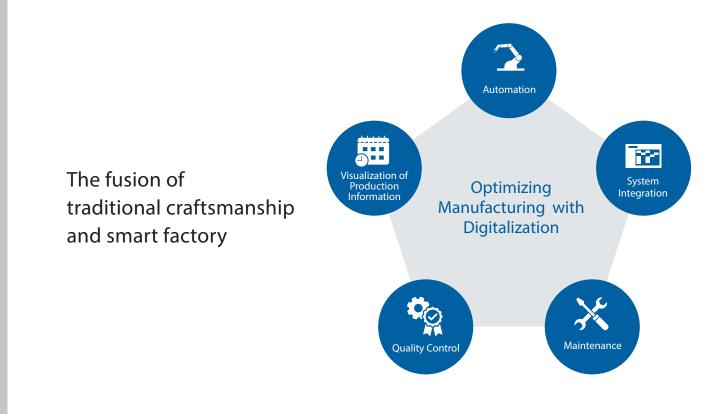
As an accommodation facility for participants in training programs, the Guest House welcomes visitors from Japan and overseas. It is also used as a venue for new product seminars and events, and as a center for communication among the tooling community.

Out-of-the-box Thinking

The OSG Academy consists of four facilities: Design Center, Global Technology Center, D-Lab, and the Guest House. As the innovative hub of the OSG Group, it encompasses design, research and development, and leverages customer input along with OSG's accumulated know-how to create superb new products.

Creation of new business models

through digital transformation







While making the best use of the manufacturing know-how cultivated over the years, OSG has refined its on-site capabilities by implementing improvements that have been identified through digitalization. What the company focuses on is the thorough visualization of manufacturing. Information such as the operating rate of each machine, schedule, production status and volume are shared, and the collected data is analyzed. By eliminating waste in production and optimally making arrangements according to the situation, automation is made possible to accelerate smart lines capable of long-hour unmanned operation up to 72 hours. By promoting the "one factory" concept, where production status, forecast and schedule of major factories in Japan and overseas are centrally managed, OSG will further strengthen its ability to fulfill evolving manufacturing needs.

Furthermore, the company-wide "OSG 4.0" project is underway to strategically connect data and systems revolving sales, manufacturing, product development and customer service to maximize performance and profits. With a revamped business model that is highly efficient and versatile, OSG is able to drive new efficiencies into the core of its operation to take manufacturing to a new level.





Sales and distribution network structured to fulfill every customer needs

OSG's domestic sales network is structured to provide optimal customer support. With sales engineers stationed nationwide, OSG is able to quickly respond to customer needs, provide tailored technical support, and offer industry specific workshops.



Domestic Sales Network

Eastern Regional Office				
	Sendai Sales Office	Hamamatsu Sales Office	Stock Center	
Western Regional Office	Koriyama Sales Office	Toyokawa Sales Office	Logis Tokyo	<u>.</u>
Application Sales Office	Ibaraki Sales Office	Mikawa Sales Office	Logis Nagoya	
	Ryomo Sales Office	Nagoya Sales Office	Logis Osaka ¹	
	Utsunomiya Sales Office	Gifu Sales Office	Logitec Center	
	Niigata Sales Office	Keiji Sales Office		
	Tokyo Sales Office	Osaka Sales Office		
	Hachioji Sales Office	Akashi Sales Office		
	Atsugi Sales Office	Kanazawa Sales Office		
	Suwa Sales Office	Okayama Sales Office		
	Ueda Sales Office	Hiroshima Sales Office		
	Shizuoka Sales Office	Kyusyu Sales Office	1.1	
		Kitakyusyu Sales Office		
		Kumamoto Sales Office		
		Nagoya Osaka		
Western Regional Offi	ice			— Eastern Regional Office



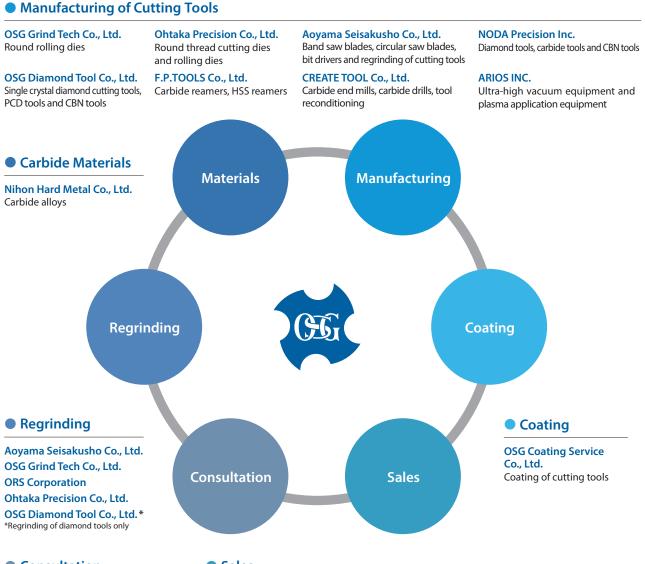
CS Center

The Customer Satisfaction Center (CS Center) embodies OSG's core principle of service, and provides a space where the latest metal cutting technologies can be shared, enabling customers to experience live tooling demonstration on-site.



Fulfilling customer needs with domestic group companies specialized in their respective fields

Each domestic group company manufactures and sells the products that they specialize in. Together, they offer a broad lineup of products and services, including the manufacturing of carbide materials and cutting tools, coating and regrinding services, as well as sales of machinery. They also offer various custom services, ensuring that each and every client will always receive products that suit their desired processing environment.



Consultation

MOLD BRIDGE Corporation Consultation regarding mold manufacturing techniques

Special Subsidiary

OSG Active Co., Ltd.

Promotion of employment opportunity for people with disabilities; community contribution, social contribution activities Sales

OSG System Products Co., Ltd.

Sales of LH-Stix, Micro-Stix, D-Bars and bit drivers

Taiho Sangyo Corporation

Sales of precision cutting tools, rolling dies, measuring instruments, machine tools, etc.; automobile maintenance leasing services

Sanwa Seiki Co., Ltd.

Sales of precision cutting tools, general machinery, engine valves, jigs and tools for special-purpose machinery; retro-fitting of machine tools and industrial equipment

OHTAKE Co., Ltd.

Sales of precision cutting tools, rolling dies, measuring instruments, machine tools, cutting oil, etc.

Visit OSG's homepage to learn more about our domestic group companies



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 |

Belgium Austria Denmark France Germany Italy Ireland The Netherlands Poland Portugal Romania Spain

Slovakia Sweden South Africa Switzerland Turkey United Kingdom

ASIA

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



| THE AMERICAS |

United States of America Brazil Canada Mexico

Sales & Manufacturing Sites

As of March, 2025

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

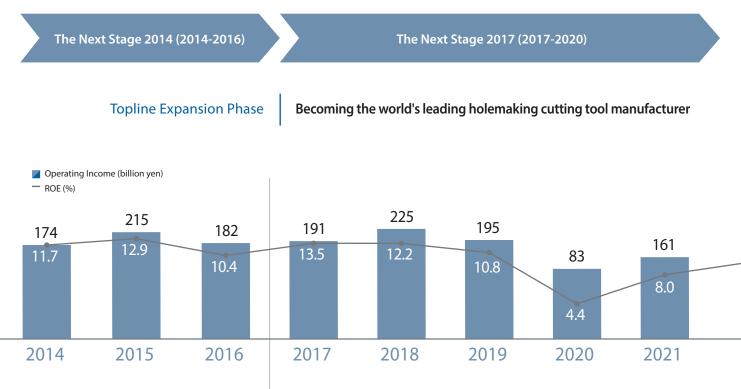




Medium-Term Management Plan

In December 2021, the OSG Group launched its medium-term management plan "Beyond the Limit," which concludes in the fiscal year ending November 2030. The company's long-term vision is to become "an essential player that contributes to the global manufacturing industry toward an era of carbon neutrality," and the plan is divided into three 3-year stages (Stage 1 to Stage 3).

Changes in Management Plan



Basic Policy

Aim to become the world's leading holemaking manufacturer, rebuild corporate and product branding, and accelerate global expansion.

Priority Measures

① Development of bases mainly in growth markets to become a global player.

(2) Launch of A Brand, OSG's premium general-purpose product brand.

Reflection

Promotion of the two-product basic strategy propelled growth of both sales and income. ① Increased market share by launching the A

- Brand as a distribution expansion strategy.
- ② Major end-user strategy strengthened OSG's capability to secure orders.

Basic Policy

Aim to become the world's leading holemaking manufacturer and spur 'evolution' in the frontline to strengthen OSG's capability to secure orders.

Priority Measures

OSG will seek to increase global market share through a two-pronged strategy focusing on "catalog product sales," which target distribution to promote sales expansion of the A Brand, and a "major end user strategy" that focuses on the ability to secure orders. In addition, OSG will expand frontline sites to facilitate global expansion, promote business development of the aerospace industry as an industry that follows the automotive industry in sales, and promote M&A.

Reflection

An increase in sales was achieved through the two-product basic strategy, global frontline expansion, and M&A. On the other hand, in the fiscal year ending November 2020, we were unable to achieve the targets for The Next Stage 2017 (net sales of ¥150 billion and operating income of ¥30 billion), partly due to the impact of the COVID-19 pandemic.

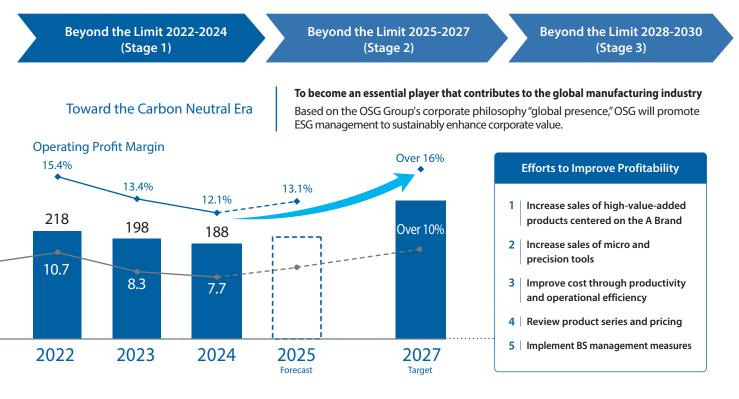
Medium-Term Management Plan Beyond the Limit



Basic Policy (Stage 2)

• Strengthen business efficiency and build a corporate structure capable of generating stable profits (ongoing).

• Set operating profit margin and ROE as new management indicators to improve capital efficiency.



Growth Strategy

	Product	Strategic Policy
Core Business Driving Growth	Тар	Aim to increase market share through integrated development, technology, production, and sales efforts, including quality improvement and introduction of competitive new products. Continue to promote sales expansion of the high-value-added A Brand series, aiming for a 40% share of the global market for taps.
	Fastener	Although the sales ratio is smaller than other items, fastener related products are the second longest-running product group after taps, which were the company's founding products. By reviewing the manufacturing process and supply chain, OSG aims to increase price competitiveness, accelerate global expansion, and double sales.
Focused Business	Micro and Precision Tools, Carbide, DIA/CBN	Strengthen activities of the cross-departmental sales organization GIGS Sales Group, launch new products for micro and precision machining, and increase sales. Promote development outside of existing industries, such as lenses, mainly through group companies in the diamond tool business.
Expansion of Business Domain Leading to Future Growth	Coating	The high-value-added coating business is expected to expand in the medium to long term. Not only will the development of superior coatings contribute to sales of OSG products, job coating services for a variety of products other than tools will also be increased.

Strengthen Management Foundation

Area	Strategic Policy
Operation	OSG will proactively utilize digital technology to reform its sales and production systems. In preparation for future labor shortages, OSG will use digital technology to simplify and streamline its production and sales processes, building a flexible and robust system aimed at improving productivity and profitability, while also promoting the integration and labor-saving of its production system by introducing its own machinery and equipment.
Organization & Human Capital	Through appropriate personnel placement and human resource development to enhance autonomy and organizational strength, OSG will implement personnel policies that maximize the value of each employee and build an environment that increases engagement and allows employees to take on challenges with confidence. As the social environment surrounding our company evolves rapidly, OSG will continue to take on challenges without shying away from change, so that both employees and the company can grow and improve corporate value.
Sustainability	Aim to utilize renewable energy through solar power, reduce environmental impact, and build a resource-recycling society. Promote reduction of Scope 1 and 2, calculation of Scope 3, and the visualization of carbon footprint for the company's main products. Aim to achieve carbon neutrality in the long term, with a mid-term goal to reduce carbon emissions by 20% by fiscal 2027 compared to fiscal 2019 levels.
Financial & Capital Management	Improve profitability through growth strategies for existing businesses and aggressive growth investments including M&A. Aim to improve capital efficiency and achieve ROE of over 10% by reducing the cost of equity through shareholder returns and IR activities.

Becoming an essential player that contributes to the global manufacturing industry towards an era of carbon neutrality

Under the corporate philosophy of "global presence," the OSG Group strives to maintain and develop healthy relationships with various stakeholders, including customers, business partners, shareholders, employees, and the community, to promote the development of a sustainable future. As a member of society, we aim to provide products and services that contribute to the world by promoting mutual understanding with stakeholders and through contribution activities, while striving for better harmony with our surroundings and making environmental conservation and coexistence with nature our basic responsibility.

We will continue to strengthen the "OSG brand," one that is trusted by all stakeholders, further improve our corporate value, and contribute to society and the environment through our business activities.



Quality and Environmental Management System ISO 9001 | JIS Q 9100 | ISO 14001 Certifications

OSG is committed to continuously improve quality and contribute to environmental sustainability.

ISO 9001 Quality Management System

OSG first acquired the ISO 9001 certification for its tap production in 1998. In 2007, all OSG products have been certified.

JIS Q 9100 Quality Management System

In May 2017, OSG acquired the JIS Q 9100 certification, which is the international standard for quality management system specific to the aerospace and defense industries for the manufacture of spacecraft metal parts.

ISO 14001 Environmental Management System

Nine of OSG's domestic business operations were certified in November 2000.

Establishment of Special Subsidiary OSG Active

On December 13, 2022, OSG Active Co., Ltd. was established as a special subsidiary that promotes employment opportunity for people with disabilities. As a subsidiary that is independent from the parent company, a work environment with consideration of special needs can be fostered. This is the first special subsidiary established in the cutting tool industry. OSG will continue to promote the creation of a society that respects diversity regardless of one's ability or disability to enable every individual to play an active role and shine in their respective work sites.

*A special subsidiary is a company established to promote the employment of people with disabilities and to ensure stability.

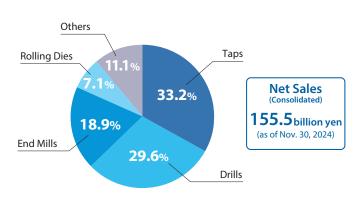


Company Overview

(as of Nov. 30, 2024)

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	13,044 million yen	
Representatives	Norio Ishikawa, Chairman & CEO Nobuaki Osawa, President & COO	
Number of Employees	7,674 (Consolidated) 1,873 (Non-consolidated)	
Net Sales (FY2023)	155,517 million yen (Consolidated) 56,411 million yen (Non-consolidated)	
Stock Market	Tokyo Stock Exchange Prime Market, Nagoya Stock Exchange Premier Market	
Stock Code	6136 (Nikkei 500, JPX-Nikkei 400)	

Sales by Product

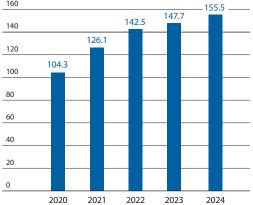


147.7

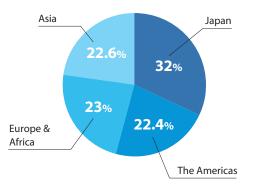
Sales Trend

Billion yen

160



Net Sales by Region





shaping your dreams