



shaping your dreams

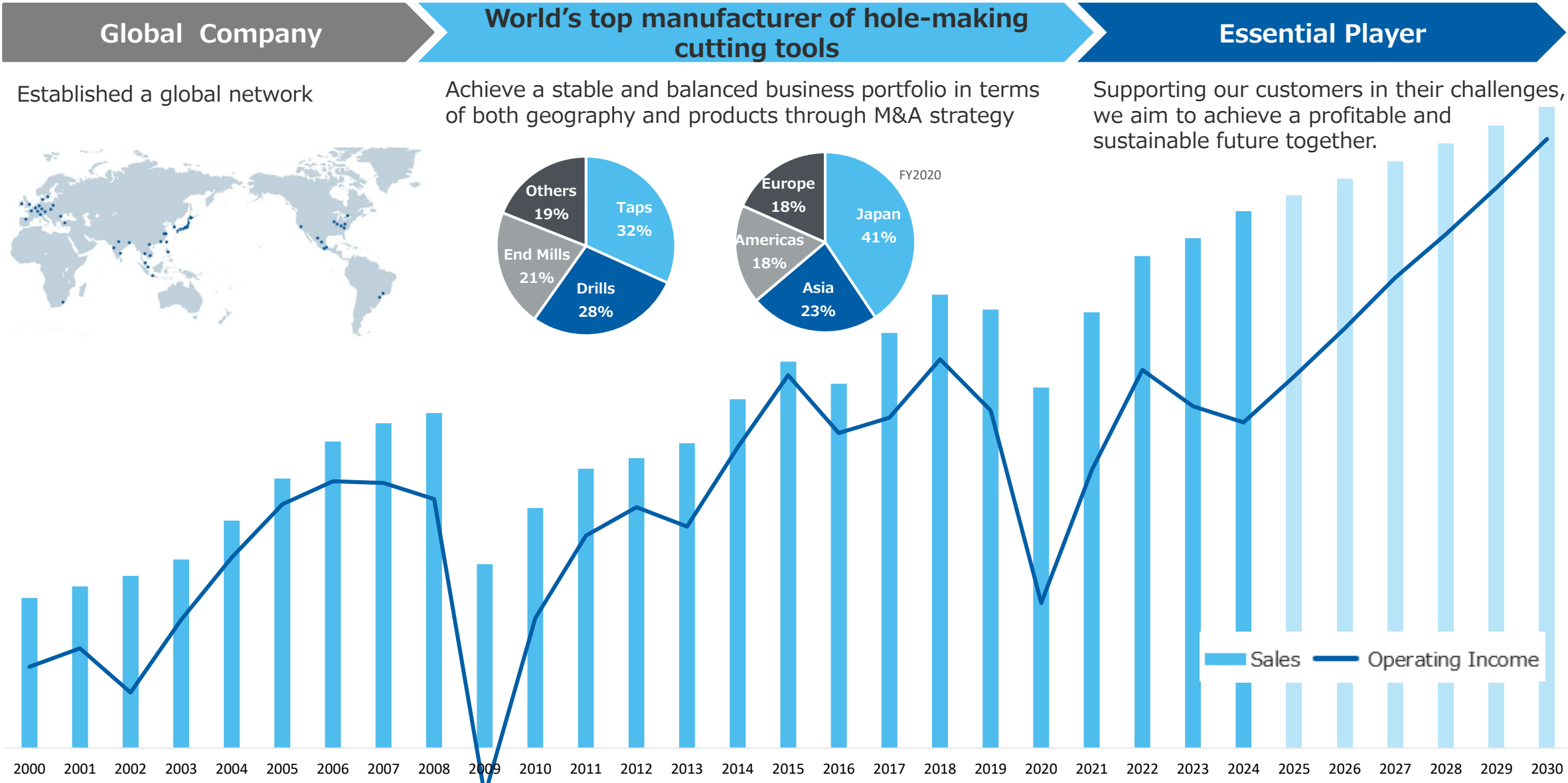


Medium-term Management Plan

Beyond the Limit 2027
Stage2

FY2025~FY2027

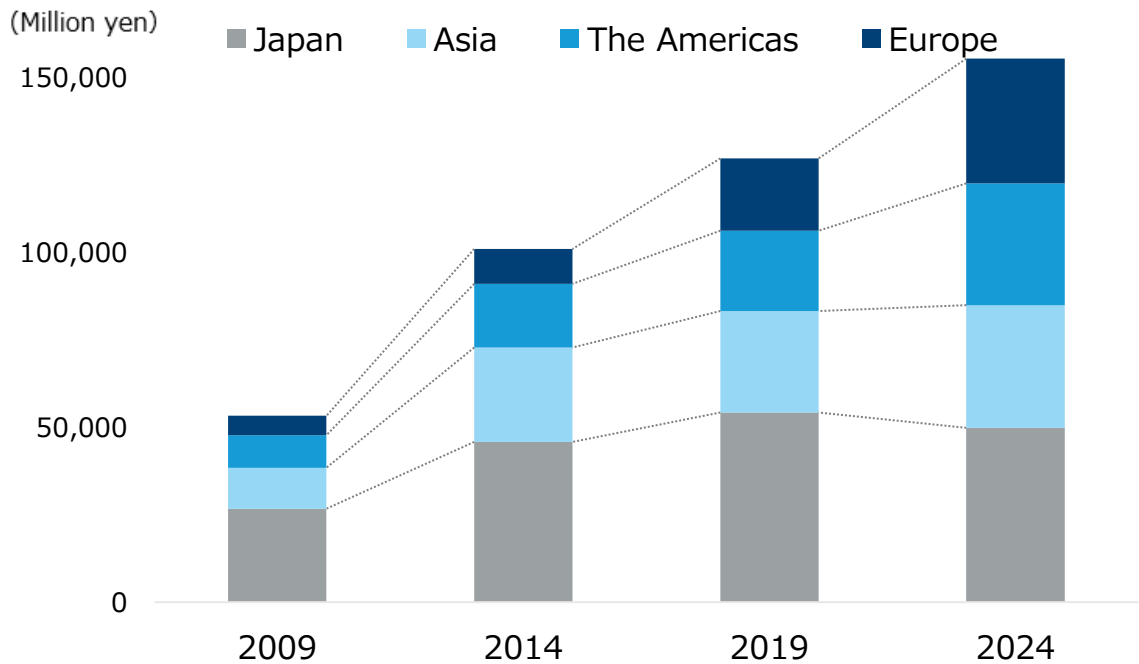
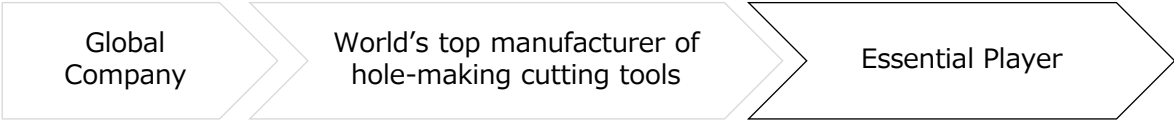
Transition (Establishing a Solid Foundation for the Next Stage of Growth)



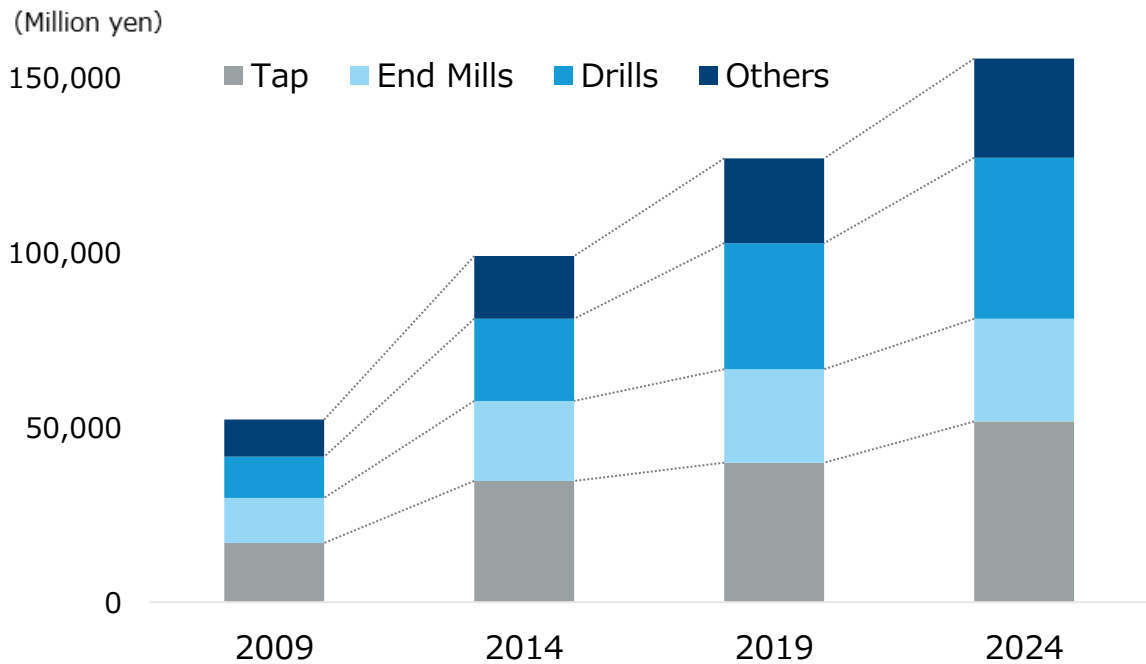
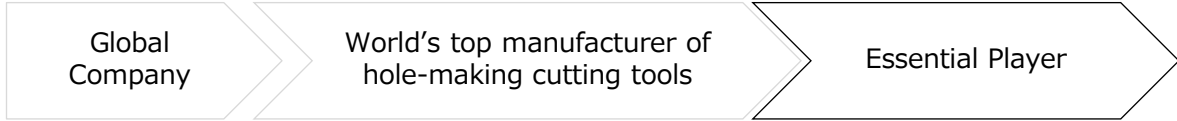
Establishing a balanced business foundation across regions and products

Through strategic regional expansion and diversification of key industries, we have strengthened our global presence and achieved top-tier growth in the cutting tool industry with a well-balanced product portfolio beyond taps. We are also steadily building a robust foundation for sustainable growth.

Regional Sales trend (Actual Results)



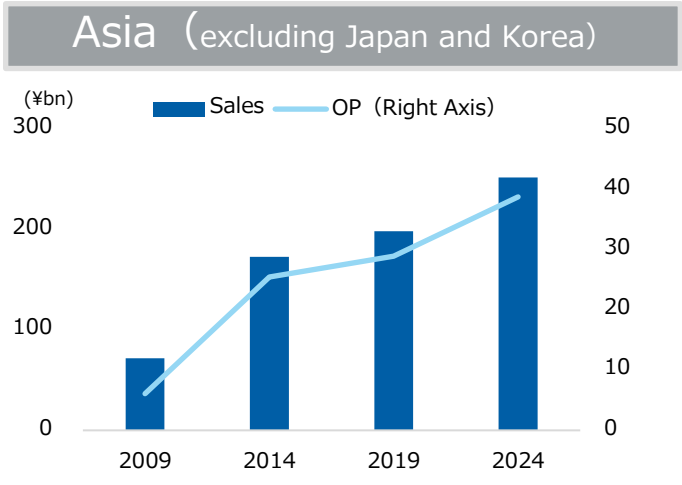
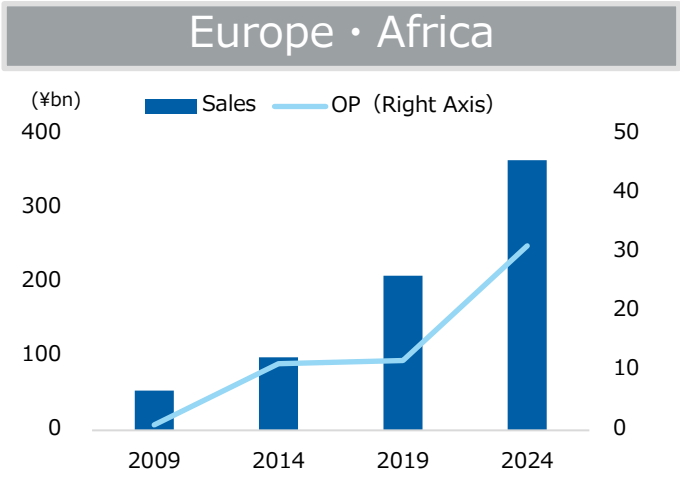
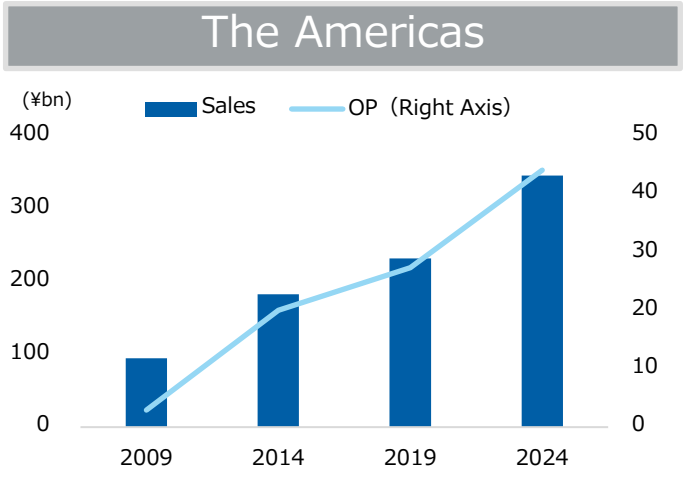
Product Sales trend (Actual Results)



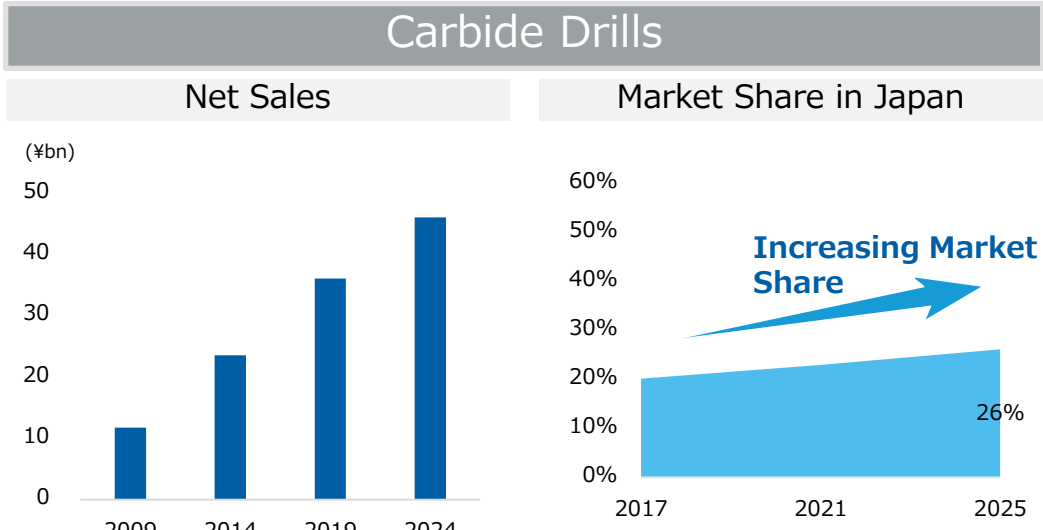
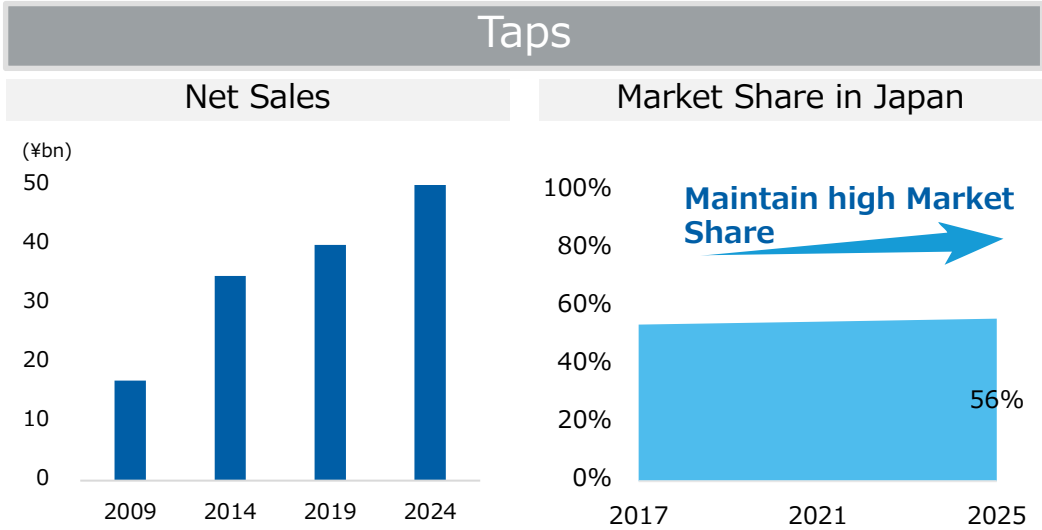
Performance Trends by Region and Product

Our business has grown significantly outside Japan, with particularly strong expansion in taps and carbide drills—key tools for hole-making applications.

Net Sales
by Region
OP Ratio



Net Sales
by Product
Market
Share



Source: Market share data for Japan is based on statistical surveys by the Japan Machine Tool Builders' Association.



Beyond the Limit

【Long-term Vision】

To become an essential player

that contributes to the global manufacturing
industry towards a carbon-neutral era



We will continue to deliver solid value in a rapidly changing market environment,
while driving operational efficiency to build a resilient organization capable of generating sustainable profits.

Beyond the Limit
2022-2024 (Stage1)

**Beyond the Limit 2025-2027
(Stage2)**

Beyond the Limit
2028-2030 (Stage3)

2027/11 Plan

ROE
Over 10%

OP Ratio
Over 16%

Efforts to improve profitability

①

Expansion of high
value-added products
centered on A-brands

②

Expansion of sales of
micro and precision tools.

③

Cost Improvement
through Productivity and
Operational Efficiency

④

Review of product
series and pricing

⑤

Reduction of SG&A
Ratio

⑥

Implement BS
management measures



Medium-Term Management Plan Stage2 Outline (1/2) – Growth Strategy

	Product	Strategic policy	Major Industries
Core business Driving growth	Tap	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.	Electronic Components Energy Mobility General Parts
	Fastener product	Although the sales ratio of this product is smaller than other products, it has the longest history next to taps. The company aims to increase price competitiveness by reviewing manufacturing processes and supply chains, and to expand sales by accelerating global expansion.	Aircraft Energy Mobility General Parts
Focused business For future growth be connected to Expansion of Business Domain	Micro and precision tools DIA/CBN	Strengthen activities of the GIGS Sales Group, a cross-divisional sales organization, to introduce new products of micro and precision tools and expand sales. Promote development outside of existing industries, such as for lenses, mainly through group companies in the diamond tool business .	Electronic Components Aircraft Energy Mobility Medical Molds General Parts
	Coating	The high value-added coating business is expected to expand over the medium to long term. In addition to contributing to sales of its own products through superior coating development, the company will also develop job coating services for a variety of products other than tools.	Electronic Components Medical Molds Tools General Parts

Medium-Term Management Plan Stage2 Outline (2/2) – Strengthen management foundation

Area	Strategic policy		Initiative
Operation	Proactively utilize digital technology to reform sales and production systems. In preparation for future worker shortages, the company will build a flexible and robust structure to improve productivity and profitability by simplifying and streamlining production and sales processes through the use of digital technology, and will also promote complex and labor-saving production systems by introducing its own machinery and equipment .		<ul style="list-style-type: none"> Improvement of business efficiency Responding to DX innovation Information Security
Organizational and human capital	We will establish human resource policies that maximize the value of each and every employee and an environment that encourages engagement and allows employees to take on challenges with peace of mind, through the assignment of the right personnel to the right positions and the development of human resources that enhance autonomy and organizational strength. In the rapidly changing social environment surrounding our company, we will achieve growth for both employees and the company and increase corporate value by continuing to take on challenges with a willingness to change.		<ul style="list-style-type: none"> Enhancement of human resources' capabilities Development of a rewarding workplace environment Improvement of engagement
Sustainability	Aiming to utilize renewable energy from solar power, reduce environmental impact, and build a resource-recycling society; promoting reduction of Scope 1.2, calculation of Scope 3, and visualization of carbon footprint for the main products . Aim to achieve carbon neutrality in the long term, with a mid-term goal of a 20% reduction from FY 2019 levels by FY 2027.	KPI(FY2027) 20%	<ul style="list-style-type: none"> Reduction of CO₂ emissions Calculation of the carbon footprint
Financial and 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 10% by reducing the cost of shareholders' equity through shareholder returns and IR activities.	ROE over 10%	<ul style="list-style-type: none"> Establishment of an optimal capital structure Strategic investment in growth sectors Enhancement of shareholder returns

Business Opportunities and Growth Area

Driving growth beyond customer industries by expanding existing markets and exploring high-potential fields like healthcare, mobility, AI, energy, and space.



*All images of each industrial field are for reference only.

The A Brand

The A-brand was launched in 2015 as OSG's flagship product, offering high quality and high performance at a low price. Starting with A-TAP, the lineup has since expanded to include A-DRILL and A-ENDMILL and continues to grow.

Expanding sales of high value-added products centered on the A-brand

Point 1

New A-brand products are released in short cycles.



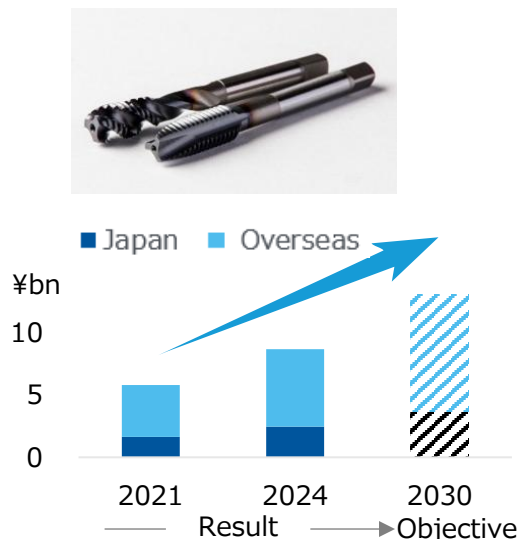
A-TAP

40% market share by creating products the world demands.

【Strengths of A-TAP】

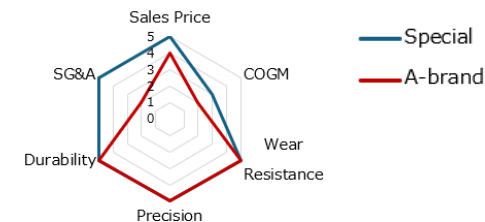
- Delivers top performance on advanced machining centers, compatible with various equipment.
- Suitable for a wide range of materials.
- Eco-friendly design with excellent chip evacuation and wear-resistant coating for long tool life.

A-TAP is highly regarded not only in Japan but also in North America, Europe, and China, with each region achieving sales comparable to the Japanese market.



Point 2

The A-brand is highly profitable.



ADO-MICRO (Small diameter carbide drill with oil hole)

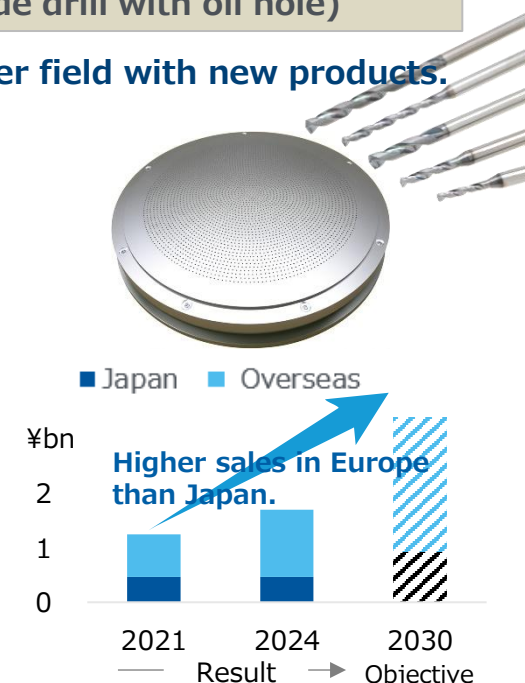
Expand market share in the small-diameter field with new products.

【Strength of ADO-MICRO】

- Few competitors offer small-diameter drills with oil holes.
- High value-added product enables premium pricing.
- In Europe, where machining efficiency is prioritized, machines with internal coolant are widely used, and our products are highly rated.

【 Example Applications 】

- Shower Plate: Component for semiconductor manufacturing equipment, mainly used in etching systems to evenly distribute gas.
- DPF Molds: Extrusion molds used to manufacture ceramic honeycomb structures for automotive exhaust gas purification filters and similar applications.



Micro and Precision machining (Diamond tools, Medical)

Diamond tools

Related Group Companies	Application Market	Focus Area
<ul style="list-style-type: none"> OSG Diamond Tool Co., Ltd. Contour Group Fiudi S.R.L. , etc 	Semiconductor equipment components, Inspection equipment components, Lenses, Precision molds, Medical devices, Automotive & aerospace parts	Japan, Taiwan, South Asia, China

Diamond Tool Business

Business

Diamond tools are mainly used for nonferrous and composite materials, but their applications are not limited to precision machining. [Recent advances in vibratory cutting technology](#) now allow machining of ferrous materials, significantly expanding the market beyond previous expectations.

Catalog

We published a textbook and catalog to promote correct understanding of diamond tools. By addressing misconceptions about price, delivery, and handling, [we aim to create new demand and support domestic manufacturing and our business growth.](#)

Tie-up

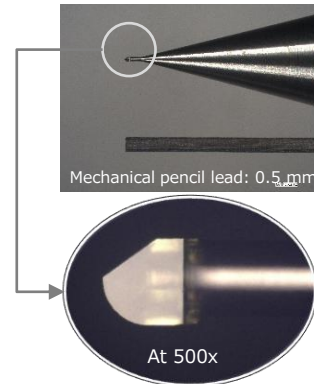
- Makino Milling Machine Co., Ltd.
- Taga Denki Co., Ltd.
- Shibaura Machinery Co., Ltd.

Regrind

The diamonds on the cutting edge can be reused through regrinding, while tip-type tools mounted on the shank or base material allow for replacement of the diamond segments.

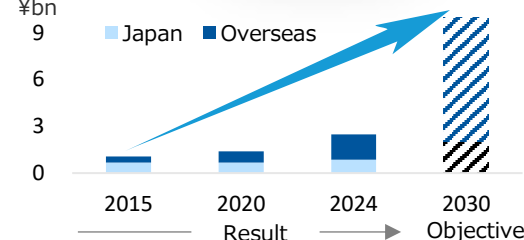
Products

Ultra-small monocrystalline ball end mill



Sales Outlook of Diamond tool

[Aiming for sales of 10 billion yen in 2030](#)



Medical

Related Group Companies	Application Market	Focus Area
<ul style="list-style-type: none"> OSG Wingilt Limited, etc 	Dental prosthetics, artificial bones, artificial joints, etc.	Japan, Europe, North America, South Asia

Medical-related Business

Business

Unique geometries and coatings for all dental prosthetic materials. Compatible with CAD/CAM systems, offered globally. [\[Japan\] 60% market share in dental tools.](#)

Trend

Growing awareness of dental health's impact on overall well-being is driving stable, long-term market growth.

[\[Japan\] 2026 fee revision expected to expand insurance coverage for prosthodontics.](#)

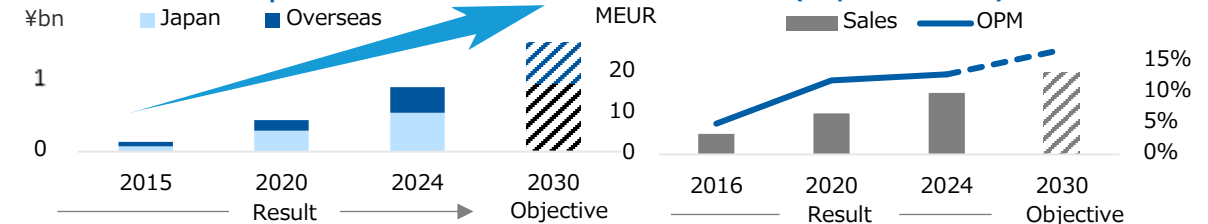
Examples of Workpiece

Crowns, Bridges Artificial joints



Sales Outlook for Medical Industry

[Targeting a 1.5x increase in dental tool sales by 2030 \[Wingilt\] Medical tool maker founded in 1975 \(acquired in 2017\)](#)



Coating (Job Coating Business)

Related Group Companies	Application Market	Focus Area
OSG Coating Service (Japan) Taiho Coating Service (Taiwan) Primcoat PVD Technology (India) Perform Coat (USA, Switzerland) PRIMUS COATING (Germany), etc	Molds Electronic Components Medical General Parts Cutting Tools	Germany India Turkey Vietnam

Coating business Global Network

Coating companies in 34 locations across 16 countries
(30 consolidated, 4 non-consolidated)



Source of Competitive Advantage (How to Win)

In-house coating equipment enhances cost competitiveness

High-quality coatings comparable to specialized providers

Efficient production using idle capacity from mold coating lines

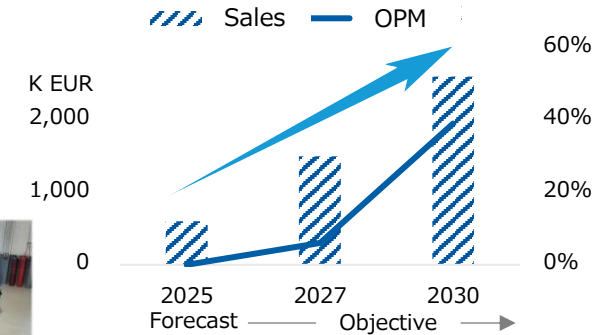
34 coating sites in 16 countries support customers' global expansion

Coating Business Shifts to Molds

While initial investment is required, the high unit price of mold coatings compared to tools enables ROI in about 5 years.

Expansion of coating business in Germany

- Established Primus Freiburg in Freiburg, Germany in December 2024.
- Developed large furnace for die-cast mold coating (max 2 ton)
- Entering and expanding in an oligopolistic market.



✓ Germany's Job coating market exceeds 200 million USD.

Fourth coating plant under construction in India

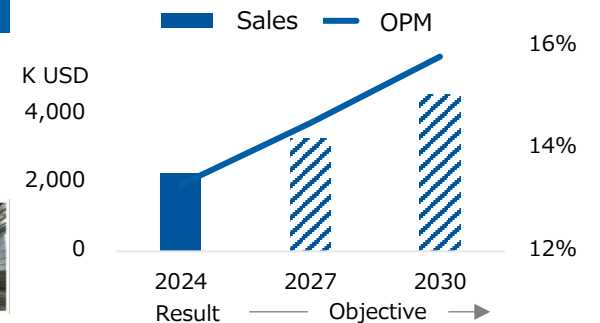


New Plant

Ahmedabad, Gujarat
Target start: March 2026



Surrounded by leading car manufacturers (35–100 km range)



✓ India's job coating market exceeds 70 million USD.

Heavy electric machinery and semiconductors

Power Consumption Increasing Due to AI Growth, Cloud Services, and Extreme Weather.

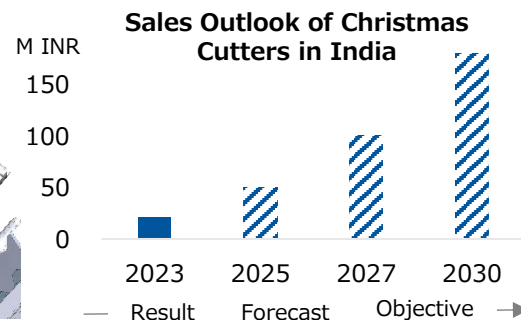
Heavy electric machinery

Trend

- Electric furnace construction is expanding worldwide due to rising demand and high-efficiency, eco-friendly models will follow.
- Our Christmas cutters are used in power generation turbines. **Orders are exceptionally strong, prompting ongoing production investment.**

India Market

- Received orders from India's largest government-affiliated power plant manufacturer.
- India is expanding its power plant business not only domestically, but also to the Middle East and Africa. This market is expected to grow significantly in the coming years.



Semiconductors

Trend

Demand for semiconductors will keep rising with global digitalization. Semiconductor manufacturing equipment requires high precision, corrosion and heat resistance, plasma durability, and cleanliness. As a result, advanced materials like carbide, ceramics, quartz, and high-purity glass are used. Some are classified as “hard and brittle materials,” which combine high hardness with low impact resistance.

Issue

- Cutting and EDM are slow for hard-brittle materials, reducing productivity.

Solution

- Launched the new 6C x OSG brand to enable high-efficiency, high-precision direct machining of hard-brittle materials, reducing both processing time and cost.



Trump Tariff Countermeasures

Further price increase and partial product transfer to the U.S. under consideration

Category		As-is	To-be
Taps	Commodity	Imported from Mexico and Brazil	▶ Maintain current operations ※No tariffs on Mexico under USMCA.
	Premium • A-Brand	Imported from Japan	▶ Partially shift production to Mexico
Carbide Drills	Commodity	Imported from India	▶ Production in the USA (OSG USA • AMAMCO)
	Premium • A-Brand	Imported from Japan	▶ Partially shift production to OSG USA
Carbide End Mills	Commodity	Manufactured in the USA	▶ Maintain current operations
	Premium • A-Brand	Imported from Japan	▶ Partially shift production to OSG USA
Fastener Products	Commodity	Manufactured in the USA	▶ Maintain current operations
	Premium	Mostly manufactured in the USA	▶ Partially shift production to Mexico
Materials		Mostly manufactured in the USA	▶ Consider imports from Japan depending on pricing

Inventory level

Inventory coverage (As of May 2025)	6.5~7 months of sales
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Target-Industry Portfolio

- Promote the transformation to a balanced customer industry portfolio that is less susceptible to business environment fluctuations.
- Improve profitability by increasing the sales ratio of A-brand and micro and precision tools.

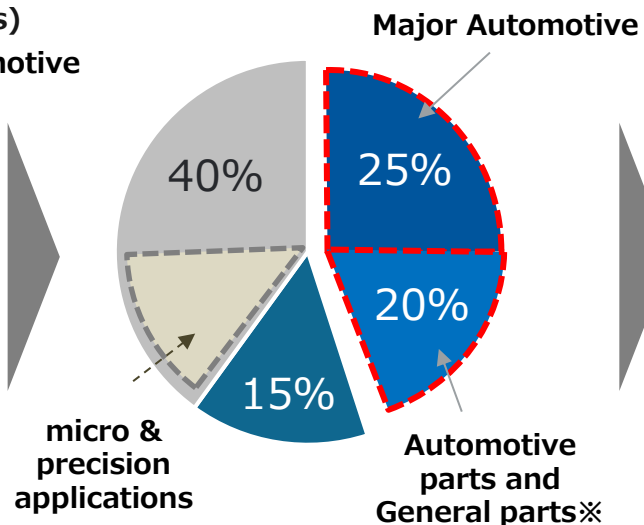
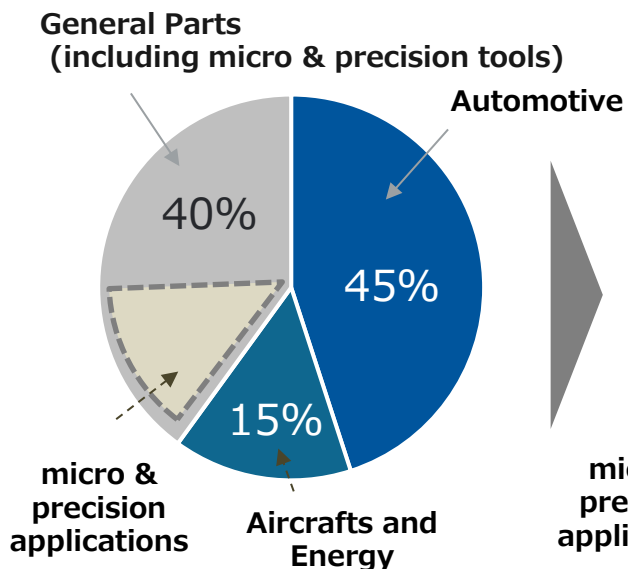
Beyond the Limit
2022-2024 (Stage1)

Beyond the Limit
2025-2027 (Stage2)

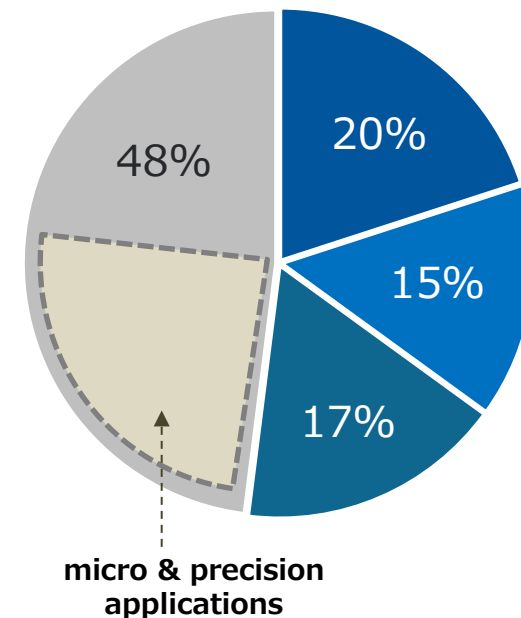
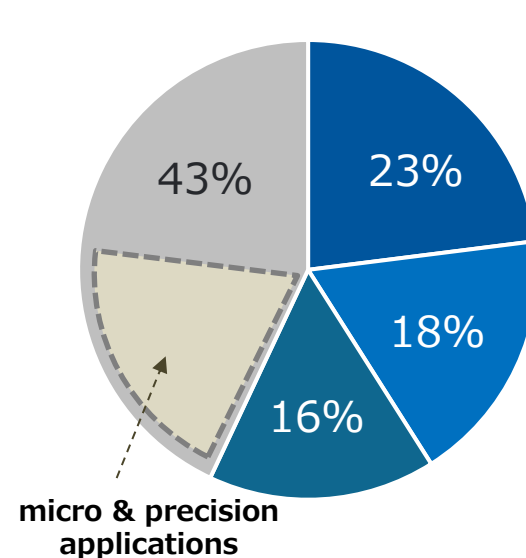
Beyond the Limit
2028-2030 (Stage3)

Before

After



※Classification updated to reflect expansion beyond automotive, in response to customer trends.

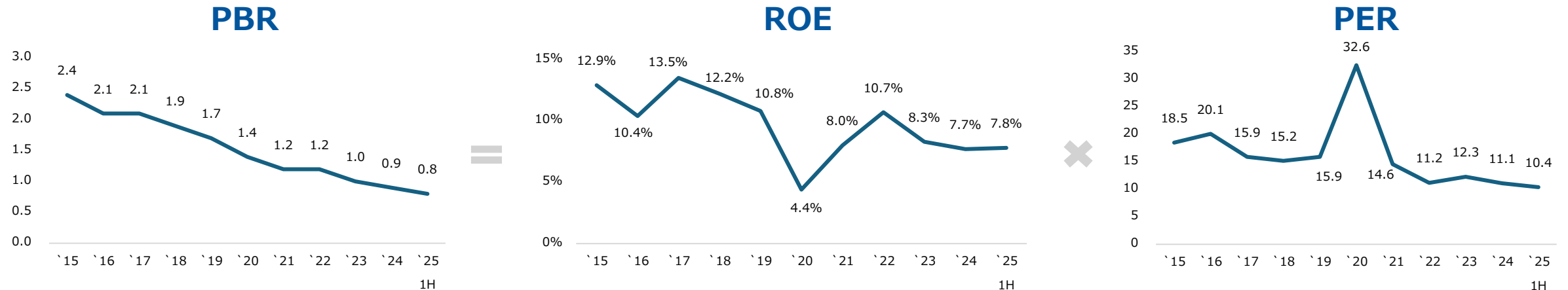
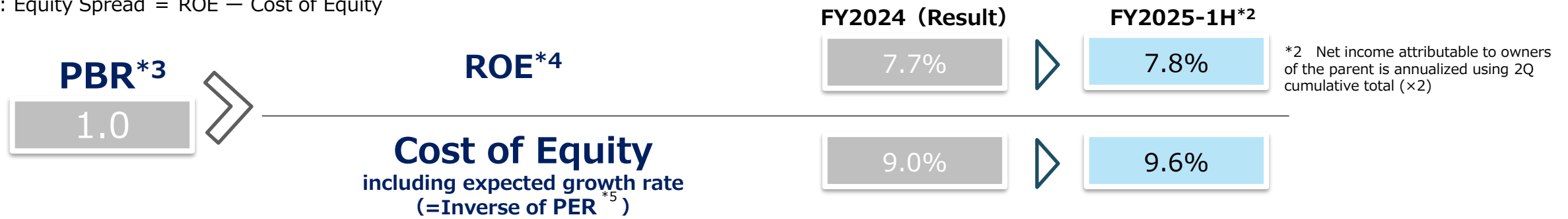


Financial and Capital Policy (Current Situation)

Driving Sustainable Growth and Capital Efficiency to Achieve ROE Over 10% in Stage 2

Aim for ROE that exceeds the cost of equity while reducing it. (= *Maximize equity spread)

*1: Equity Spread = ROE — Cost of Equity



*3: PBR = Market capitalization (excluding treasury shares) ÷ Shareholders' equity

*4: ROE = Net income attributable to owners of the parent ÷ Shareholders' equity

*5: PER = Market capitalization (excluding treasury shares) ÷ Net income attributable to owners of the parent

Note 1: Market Capitalization = Share price (month-end closing price at fiscal year-end or quarter-end) × Number of shares outstanding (excluding treasury shares, at fiscal year-end or quarter-end)

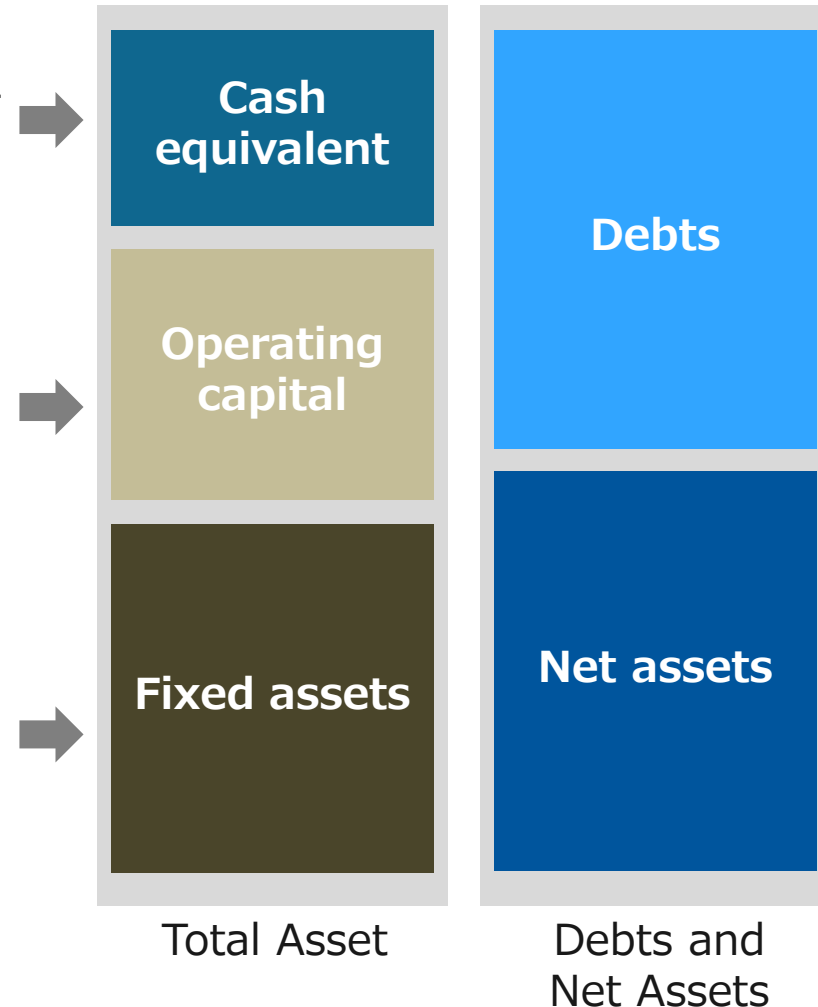
Note 2: Shareholders' Equity = Total net assets — Stock acquisition rights — Non-controlling interests. Average of beginning and end of the period.

Note 3: Calculation reference date: May 30, 2025

Financial and Capital Policy

Reform the balance sheet to optimize growth investment and enhance shareholder returns

- Growth investments (M&A, R&D, Capital investment) and shareholder returns.
- Review of cash allocation within the group.
- Shorten CCC and generate cash.
(Inventory reduction, review of collection and payment sites)
 【 Inventory turn over target 】
 FY2024 4.4 months ⇒
 FY2027 3.5 months
- Capital investment benchmarked against depreciation.
- Reduction of policy shareholdings.



- WACC reduction through debt utilization.
- Optimize capital structure.
- Reducing the Cost of Shareholders' Equity through IR Activities.
- Strengthen shareholder returns.
(increase dividend payout ratio, share buybacks)

Treasury Share Repurchase and Cancellation

Based on the share repurchase plan approved at the Board of Directors meeting held on April 10, 2025, the Company repurchased approximately ¥5 billion worth of its own shares and subsequently resolved to cancel them on July 10, 2025.

Approx. ¥5 Billion Treasury Share Buyback and Cancellation

Reason for Treasury Share Repurchase

To Enhance Shareholder Returns and Improve Capital Efficiency

	Acquisition plan (2025/4/10)	Actual repurchase of treasury stock
Repurchase period	April 11, 2025 - August 29, 2025	April 11, 2025 - May 22, 2025
Repurchase amount	5,000,000,000 yen (maximum)	4,999,876,400 yen
Number of shares to be repurchased	3,500,000 shares (maximum)	3,037,100 shares

(For Reference)

The total number of shares outstanding after the cancellation will be 96,145,417 shares.

The number of treasury shares after the cancellation will be 13,951,605 shares.

Figures (1) and (2) are based on the number of shares outstanding and treasury shares as of the end of June 2025.

Treasury share repurchases will be flexibly considered and executed, based on a comprehensive assessment of growth investment balance, post-return cash flow, financial leverage, and ROE.

Cash Allocation Plan

Operating Cash flow will be used mainly for **strategic investments**, while **strengthening shareholder returns** and reviewing the financial structure.

Stage1 Results (FY2022~FY2024)

Unit: billion yen

Cash In
103

Cash Out
103

Operating Cash flow 72	Strategic Investments 45 <div>M&A 9</div>
Corporate Bonds issued 27	Shareholder Returns 44 <div>Dividends 17 Buy-back27</div>
Corporate Bonds issued 4	Repayment of loans 14

Stage2_Plan (FY2025~FY2027)

Unit: billion yen

Cash In
130

Cash Out
130

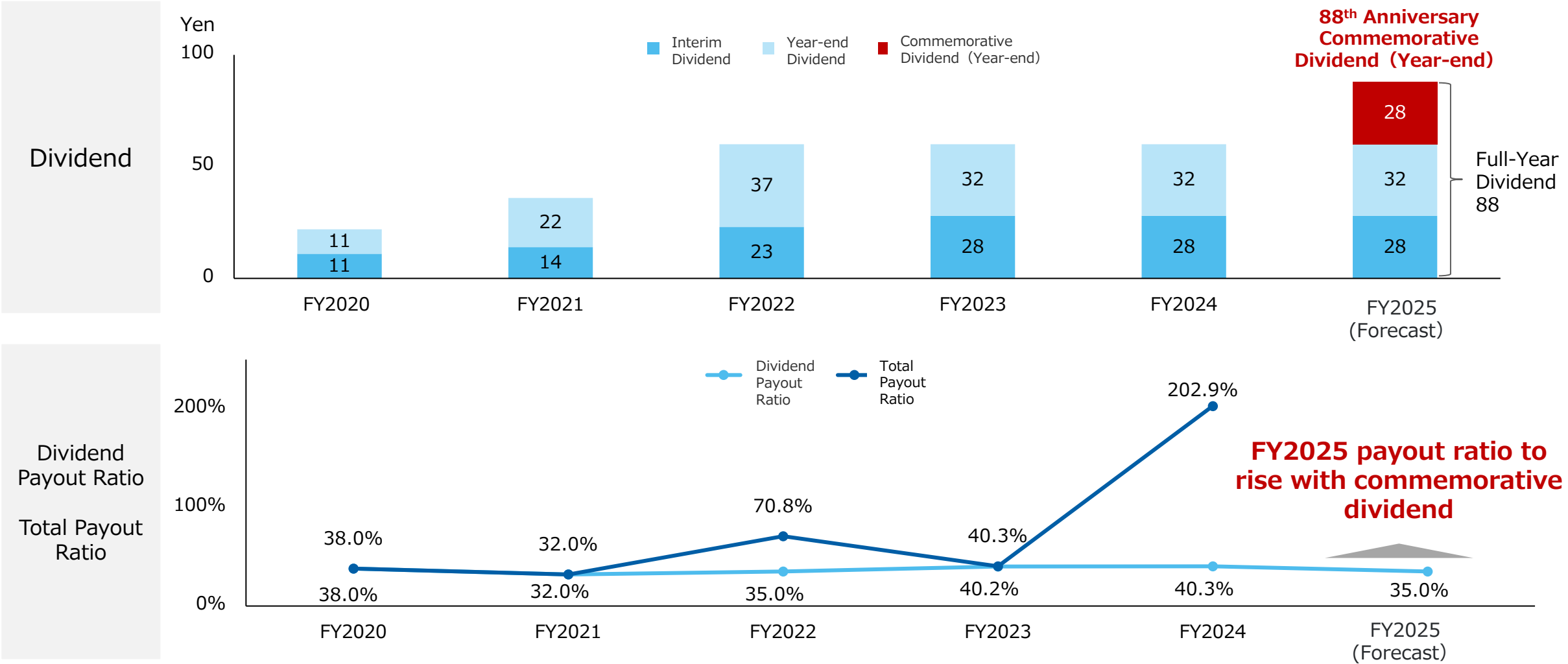
Operating Cash flow 80~90	Strategic Investments 60~70 <div>Maintenance and renewal of facilities ~30</div>
External financing	Shareholder Returns <div>Dividends, Buy-back ~50</div>
Sale of assets, etc.	Repayment of loans ~10

- New Carbide End Mill Plant
- Expansion of production facilities for growth area
- Strategic M&A
- Investment in factory automation
- Introducing digital transformation
- Stable and sustainable dividend
- Conduct an agile share buy-back



Shareholder Return Policy – Commemorative dividend for 88th Anniversary

88th Anniversary Commemorative Dividend: ¥28 per Share (Full-Year Dividend: ¥88 per Share)



Efforts to Achieve Carbon Neutrality

Environmental Slogan

Environmentally Friendly Company /
Environmentally Friendly Culture

Contributing to the
World's
Manufacturing
Industry with
Environmental
Friendliness

2000-2014

- 9 OSG offices
- Noda Precision
- Sanwa Seiki
- Japan Hard Metal
- Aoyama Seisakusho
- Ohtaka Seiko
- Taiho Sangyo

By acquiring ISO14001
Establishment of
Environmental Management
System

2019-2024

- Scope 1.2 calculations (global)
- Scope 3 calculations (some non-consolidated)
- off-site PPA
- On-site PPA
- Carbon footprint study

Efforts to Achieve
Carbon Neutral

2025-2030

- Scope 1.2 reduction (global)
- Scope 3 Calculation (Global)
- Carbon Footprint Calculation
- Obtained third-party verification and CDP rank A
- Off-site Virtual PPA

Visualization and evidence-based
approaches
Measures to improve corporate
value

Development of environment-friendly products

Green Tap (GRT) is a low-carbon product that reduces CO₂ emissions by reducing power consumption during manufacturing through the adoption of a new and original manufacturing method.

Selecting high-performance, low-carbon products leads to the reduction of carbon footprint and contributes to the realization of a sustainable society.

例) GRT M6×1
製造時CO₂排出量の削減比率
Example: Reduction ratio of CO₂ emissions
during manufacturing of GRT M6×1



従来品に対して
35% 削減

35% reduction versus conventional product



GREEN TAP

(Nov.20,2024 Release)

OSG's Human Capital - Present and Future

Personnel, evaluation and compensation systems

[Present]

Membership type
meritocratic evaluation system
seniority-based wage system



Enhance motivation Demonstration of human resources' abilities

- Simple, fair, future-oriented consideration of introducing a new personnel system
- Role- and outcome-based Evaluation and Compensation System
- Active promotion of capable young employees
- Diverse work styles of veteran employees

Recruitment and Staffing

[Present]

Recruitment focused on new graduates
Replenishment of necessary personnel
in each department



Strategic Staffing

- Pursuit of high productivity and optimal personnel management
- Diversification of new graduate recruitment channels
- Strategic career recruitment in a short period of time
- Optimal staffing and organizational enhancement in consideration of employee's career paths

Educational systems

[Present]

New employee education and follow-up training
Skill Development Training by Grade
Skill Development Training for Leaders



Strengthening the development of executives and leaders

- Review of management training system
- Identification and development of human resource candidates for next-generation management
- Developing Global Human Resources
- Activation of the spirit of challenge

OSG's Human Capital - Improve employee engagement

STEP
1

Career declaration system that enables achievement of goals and self-fulfillment

Emphasizes employees' career plan orientation and spirit of challenge
Structuring skill development and career paths

Communication-oriented organizational culture and human resource development

Fostering communication skills across organizations and generations and creating an open organization

Implementing Engagement Surveys to Improve Performance

Appropriate understanding of employee satisfaction, health status, and human relations and identification of issues

Visualization of employee abilities and aptitudes through talent management

Understanding the aptitude and skills of employees, and optimal staffing for both the company and the employee.

NEXT
STEP