

CHINA CUTTING TOOLS

Jiangsu Saken Precision Tools Co., Ltd.

May 2026





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A sailboat is shown from the side, sailing on a deep blue ocean. The sun is low in the sky, creating a warm, golden glow. A large, semi-transparent blue circle is centered over the image, containing the text 'PART 01' and 'About Us'.

PART 01

About Us



Company Profile

Jiangsu Shanken Precision Tools Co., Ltd. specializes in the R&D, manufacturing and sales of cemented carbide cutting tools. Adhering to the development strategy of "Continuous Innovation & Independent Research", the company focuses on the development and application of rotary carbide tools including crown drills, solid carbide drills and interchangeable reamers, as well as high-speed gear milling cutters. We persistently improve the overall performance of our products and optimize manufacturing processes.

Our cutting tools match or even outperform equivalent products from world-leading international brands, while significantly cutting end users' operating costs. The company will keep replacing imported foreign products in the future, boasting huge market potential.

Company Profile

The company owns a production plant covering approximately 3,000 square meters and is equipped with more than 30 intelligent grinding machines. At present, its monthly output ranges from 18,000 to 22,000 crown drill tips, alongside 100,000 inserts of various types every month. We have established strategic cooperative partnerships with well-known domestic and international enterprises, including Sany Group, XCMG Group, Geely Holding Group, Renben Group, Wafangdian Bearing Group, Luoyang Bearing Group, thyssenkrupp and Bosch.



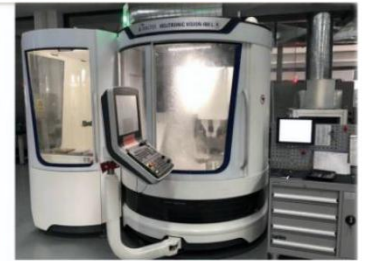
■ The planned equipment investment is 20 million RMB (10 units of equipment already installed).

Order number	Device name	Quantity	Price	Total (10,000 units)
1	Five-axis grinder	22 units	700,000 RMB/unit	1500
2	Machining center	8 units	500,000 RMB/unit	400
3	Tool Setter	2 units	¥180,000 per unit	36
4	Cylindrical grinder	2 units	¥150,000 per unit	30
5	Tool Inspection Equipment MR	1 set	¥200,000 per unit	20
6	Passivation equipment	3 sets	¥150,000 per unit	45
7	Oil-cooled unit	1 set	¥200,000 per unit	20
8	Sand blaster	2 sets	¥100,000 per unit	20
9	Microscope Detector	6 units	¥20,000 per unit	12

Company Equipment



Company
Equipment



A sailboat is sailing on a deep blue ocean under a bright, hazy sky. The boat's white hull and wooden deck are visible on the left side of the frame. The sun is low on the horizon, creating a warm, golden glow. In the background, there are faint silhouettes of mountains or hills. A large, semi-transparent blue circle is centered over the image, containing the text 'PART 02' and 'Products and Services'.

PART 02

Products and Services



Company Product Development Sequence List

Company Product Range	Product Segmentation Categories	Application area
Drilling category (D8–D54)	Crown Diamond Complete Hard Diamond	Energy & Heavy Industry; Automotive Components; Aerospace
Drilling category (D28–D97)	PLUS Composite Drill	Wind Power Engineering Machinery & Military Industry
Reamer series (M6–M64)	Advanced extrusion straight-slot tap	Automotive components, molds, 3C products, aerospace, etc.
Milling Tools	Non-standard grinding blades	Conventional workpiece milling machining
High-speed thread milling cutter	Three-row flute milling cutter for threaded holes	Turning of threaded holes with diameters above M20
Comprehensive Solutions	Drill bits, cutting inserts, reamers, milling cutters, etc.	Various complex products
Tool Packaging Services	Drills, cutting inserts, reamers, milling cutters, etc.	Enterprises above designated size and processing enterprises

Products & Services

Crown drill tools and composite drill tools: Primarily used in the manufacturing processes of rotary bearings, flanges, and gearboxes, particularly in the wind power industry (for large wind turbines), aerospace, defense sector, large-scale construction machinery, and shield tunneling machines.





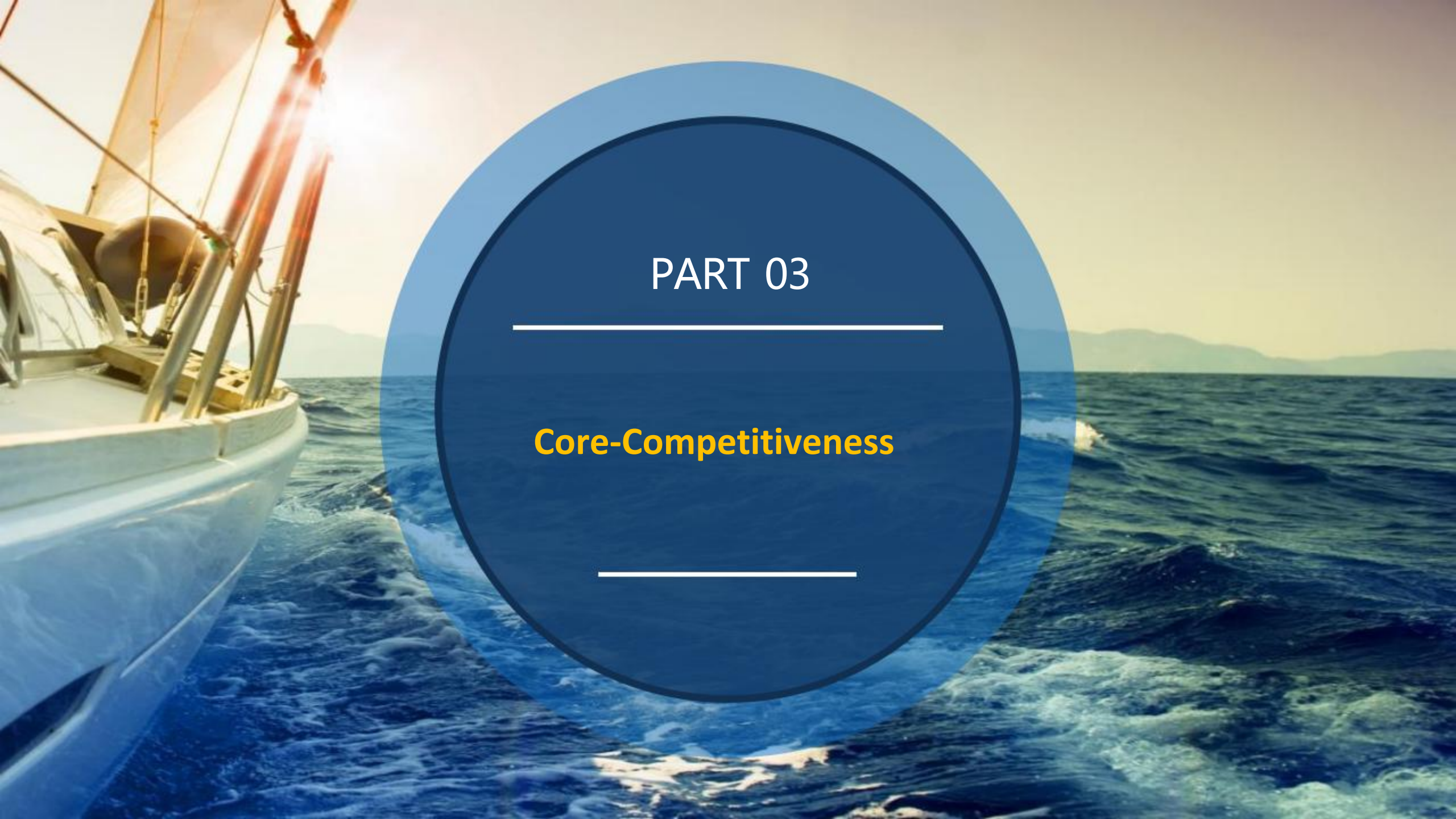
Thread milling tools: Primarily used for machining threaded holes with diameters above M20, and can effectively replace Walter brand products;



specification	Knife handle model	Blade Model	Customization Cycle
M24/M27	PKW602-20P3. 0-18-58	H3350-0602-UK	2 months
M30	PKW602-25P3. 5-21-65	H3350-1002-UK	2 months
M36	PKW602-30P4. 0-24-77	H3350-1002-UK	2 months
M42	PKW602-35P4. 5-27-95	H3350-1203-UK	2 months
M48	PKW602-40P5. 0-30-105	H3350-1504-UK	2 months

Selected Clients (2026)

Order number	Serve clients	Service Phase	Annual tool consumption	Tooling Types	Annual Supply Volume
1	Luoyang Xinqianglian	Strategic cooperation	80 million	Drilling/Cutting Tool	6 million
2	Geely ZEEKR Auto	Strategic cooperation	40 million	Reamers/Milling cutters/ Full-hard drills	10 million
3	Thyssen Krupp	Global Collaborative Suppliers	30 million	Milling cutter/drill bit	13 million
4	Zhejiang Tianma Bearing Group	Strategic cooperation	80 million	Gear milling/drilling	4 million
5	Wazhou Group	Strategic cooperation	30 million	Gear milling/drilling	3.7 million
6	Luoyang Bearing Group	Already collaborated	50 million	Drilling/High-speed Milling /Cutting Inserts	7.5 million
7	Sany Soute	Already collaborated	20 million	Gear milling/drilling	2 million

A sailboat is visible on the left side of the frame, sailing on a deep blue ocean. The sun is low on the horizon, creating a warm, golden glow across the sky and water. The boat's mast and sails are visible, and the water shows some whitecaps.

PART 03

Core-Competitiveness

Team Leadership Figure



General Manager

General Manager, Jiangsu Gufeng Research Institute
Senior CNC Technician

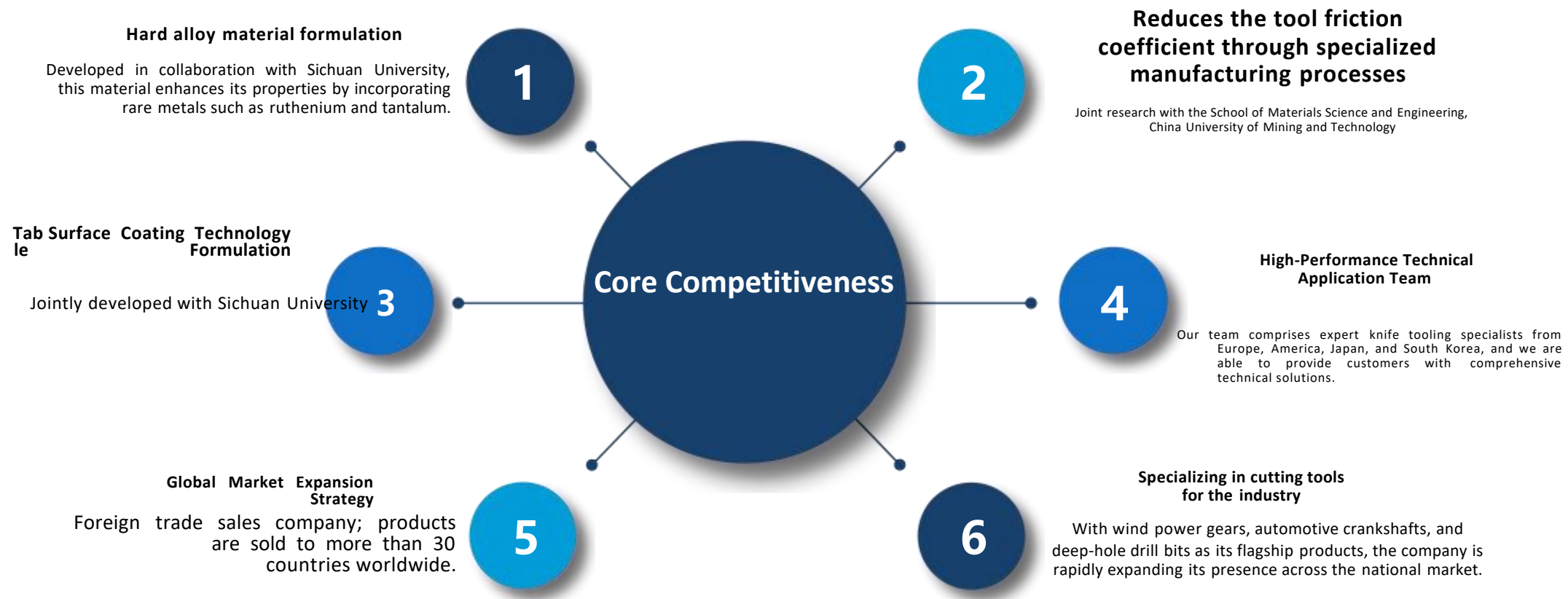
Individual Resume

2006~2007	Xuzhou Technician College	Teacher
2007~2019	Xuzhou Rothe Erde Slewing Bearing Co., Ltd.	Technical Manage
2019~2022	Xuzhou Ruida Rotary Bearing Co., Ltd.	Exec. Deputy GM
2022~2023	Jiangsu Guo Ren HighTech Materials Co., Ltd.	Exec. Deputy GM
2023 – Present	Jiangsu Gufeng Research Institute Co., Ltd.	general manager
	Jiangsu Shanken Precision Tools Co., Ltd.	general manager
Honors Received: First Prize, 2024 Entrepreneurship Competition of XuzhouEconomic Development Zone		
First Prize, 2024 Xuzhou "Chuang Xiang Pengcheng" Entrepreneurship Competition		
First Prize, 2025 Jiangsu Provincial "Stay & Start in Jiangsu" Entrepreneurship Competition		
Third Prize, 2026 National "Win the Future with Innovation" Entrepreneurship Competition		





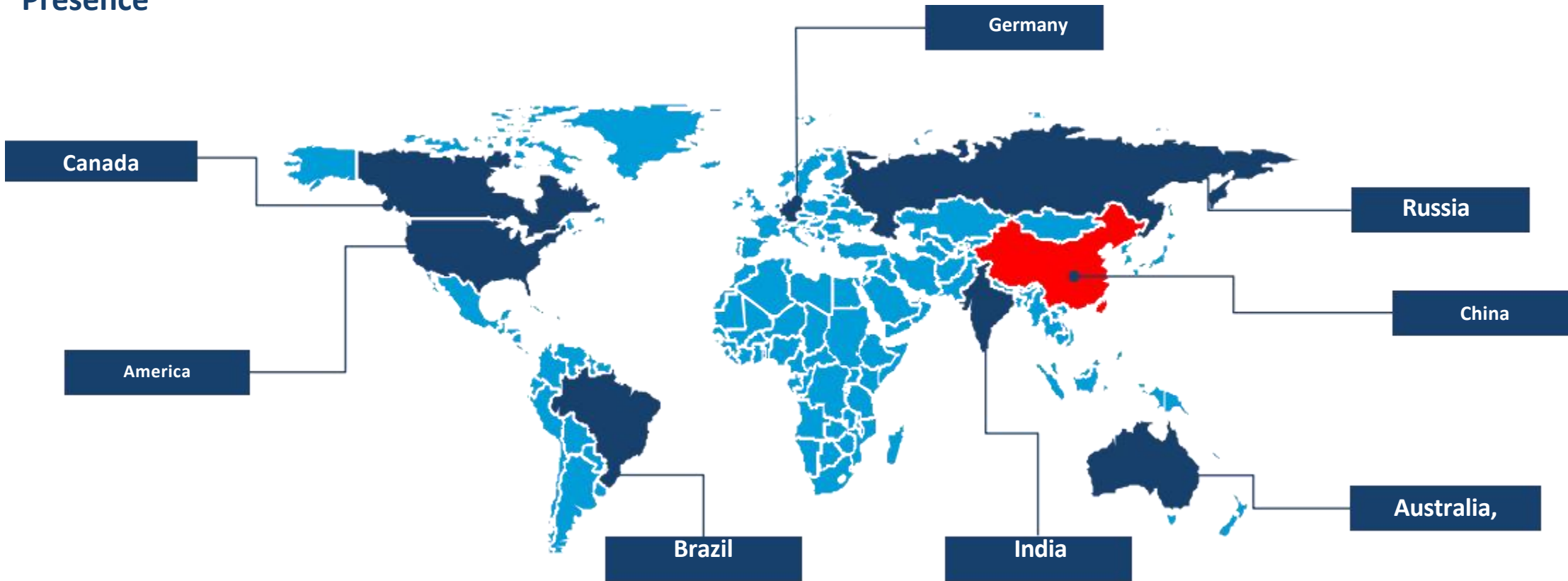
Core Competencies (4 Core Technologies + 2 Market Strategies)



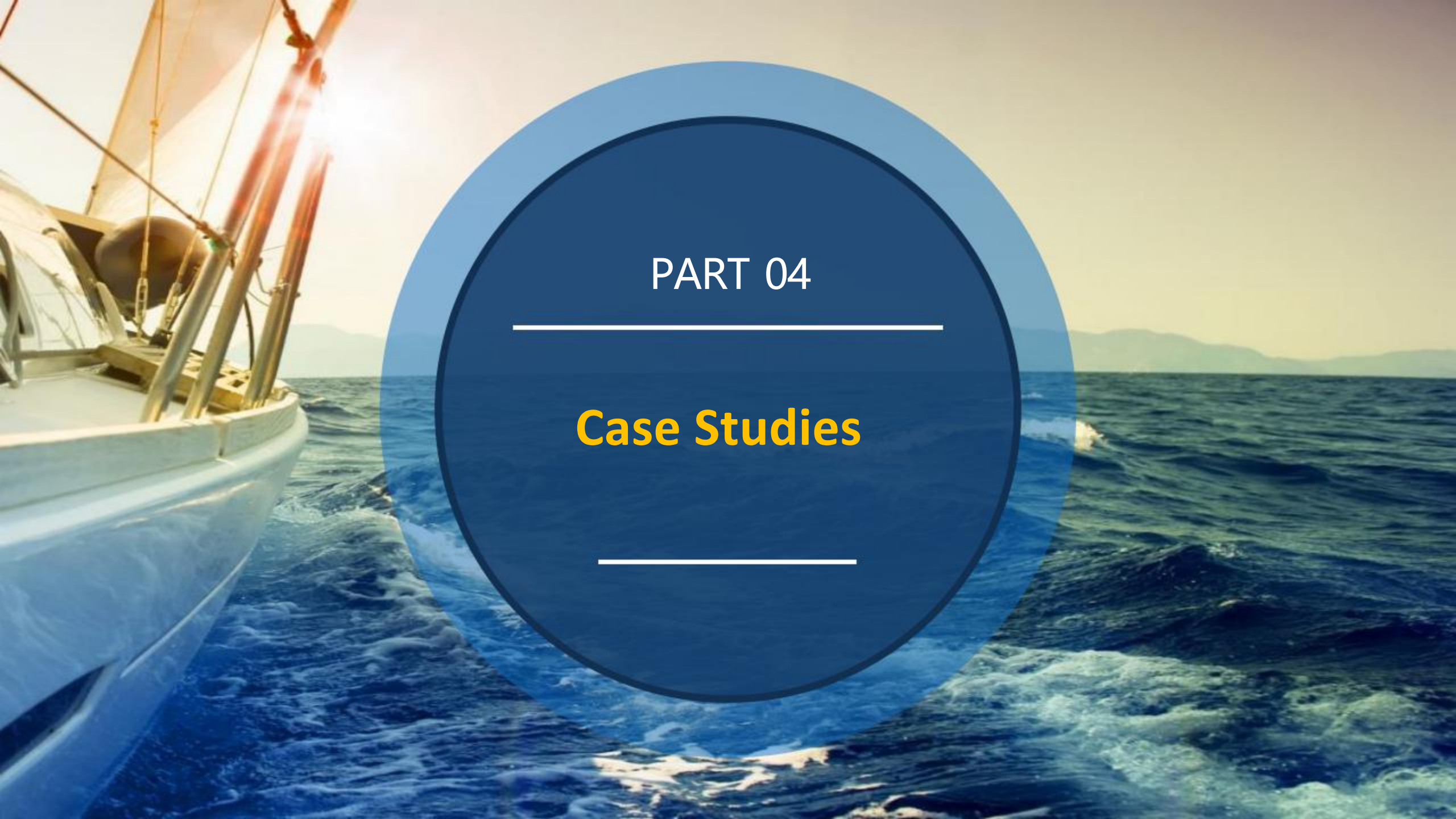


Core Competitiveness

Global Market Presence



We currently operate 7 overseas warehouses abroad and have expanded our sales channels and markets across more than 10 countries worldwide.

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PART 04

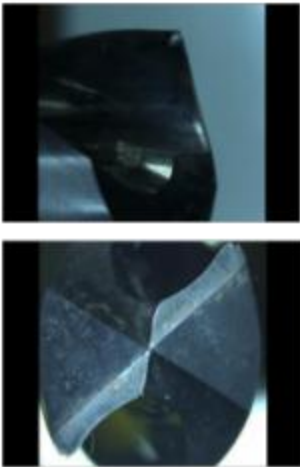
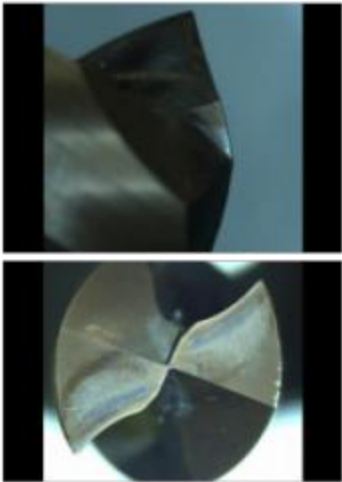
Case Studies



Case Studies Case Studies

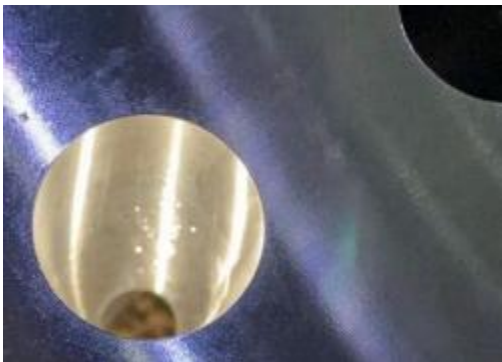
Application of solid carbide drills and milling cutters in the automotive industry

BOREEK	VS	Competitor Brand
Full-carbide solid drill bit	product name	Full-carbide solid drill bit
D14*77*D14*124	Spec.	D14*77*D14*124
40Cr	Material	40Cr
28-32HRC	Hardness	28-32HRC
80m/min	Cutting Speed	80m/min
0.25mm/min	Feed per revolution	0.25mm/min
50m	Lifespan Comparison	38m
slight wear	failure mode	severe wear



Case Studies Case Studies

Application of deep-hole drilling in the wind power industry



Major Clients

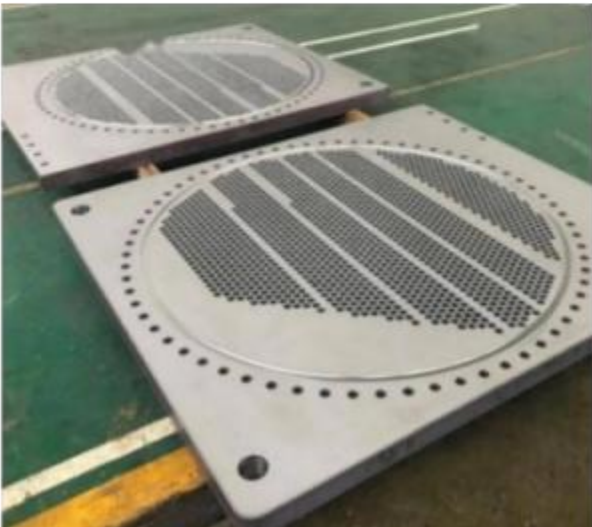
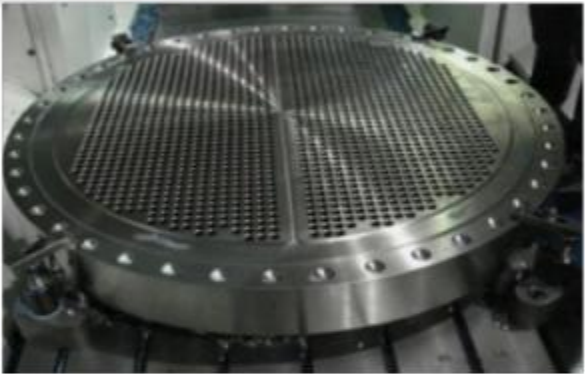
TK
TMB
LYC
ZWZ





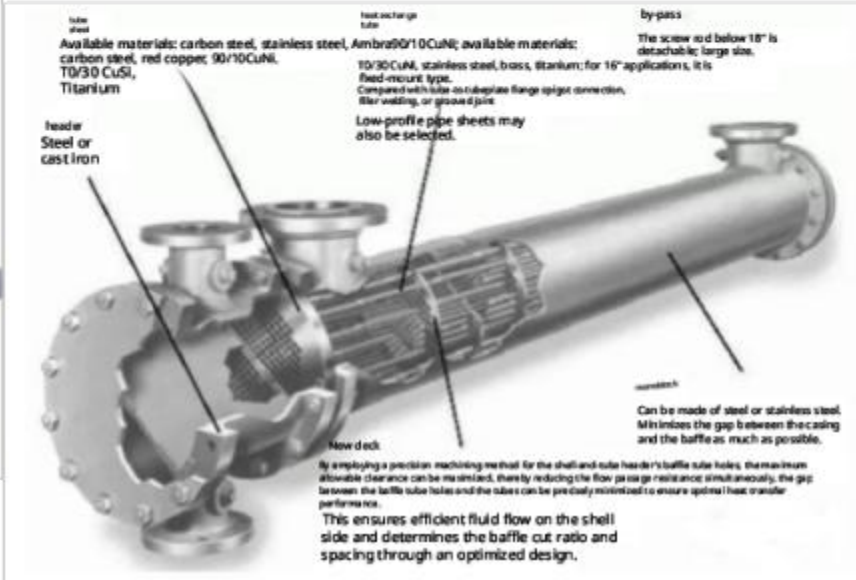
Case Studies Case Studies

Application of modular drilling in the tube sheet industry



Major Clients

Jiangsu Daming Metal,
Dalian Dongfang Yipeng
Zibo Sanyuan
Fushun Petrochemical Company



Case Studies Case Studies

Application of gear cutting tools in the wind power and construction machinery industries



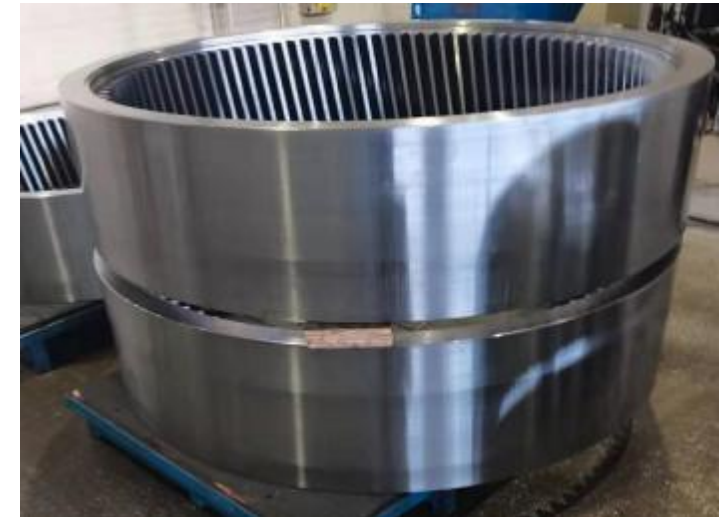
Major Clients

518

Yantai Chunhui

Xuzhou fenghe

Delijia



A sailboat is shown on the left side of the frame, sailing on a deep blue ocean. The sun is low in the sky, creating a warm, golden glow. A large, semi-transparent blue circle is centered over the image, containing the text 'PART 05' and 'Development Planning'.

PART 05

Development Planning

Comparison with Competitors



Our company primarily targets the mid-to-high-end market and aims to replace imported brands; once we launch our turnkey solution business in the future, we can expand our operations to exceed 2 billion yuan.



Companies such as HR and OKY primarily focus on wholesaling low-end products, with their market size reaching 500 million yuan—representing the upper limit of their potential;

Gear milling cutters – offering the best value for money in the industry	Core product	Primarily composed of conventional products
Focus primarily on direct sales to mid-to-high-end customers.	Terminal customer	Primarily focused on distributors and wholesalers
Global market presence has been established.	Market Strategy	Focus primarily on the domestic market
Possesses full-service capability for tool handling at customer sites.	Complete Tool Pack	No bulk package handling capability

Jiangsu Shanken

THANK

YOU

FOR

LISTENING

