



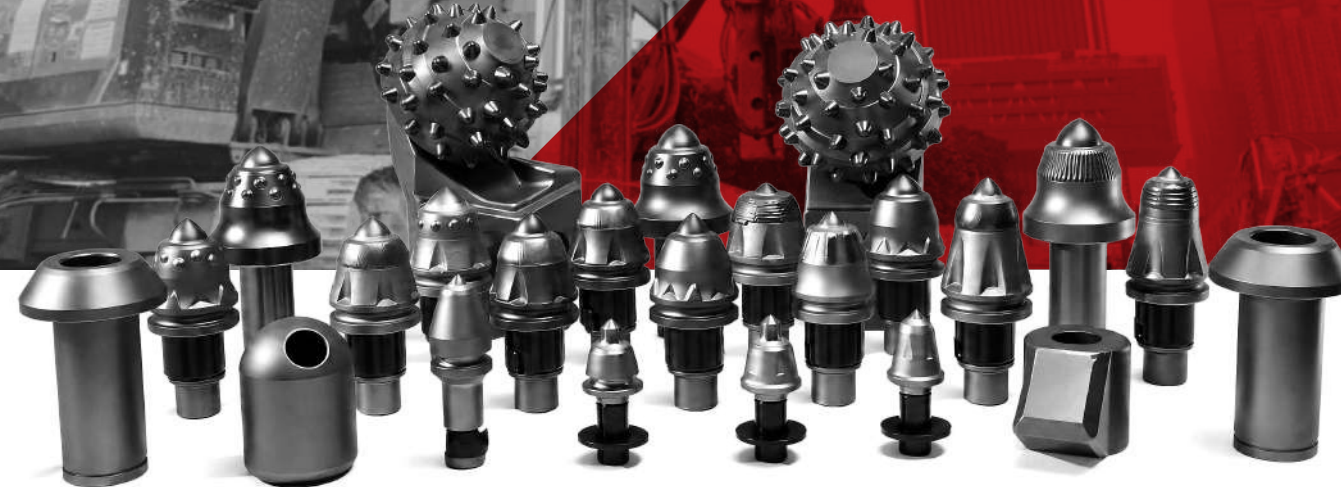
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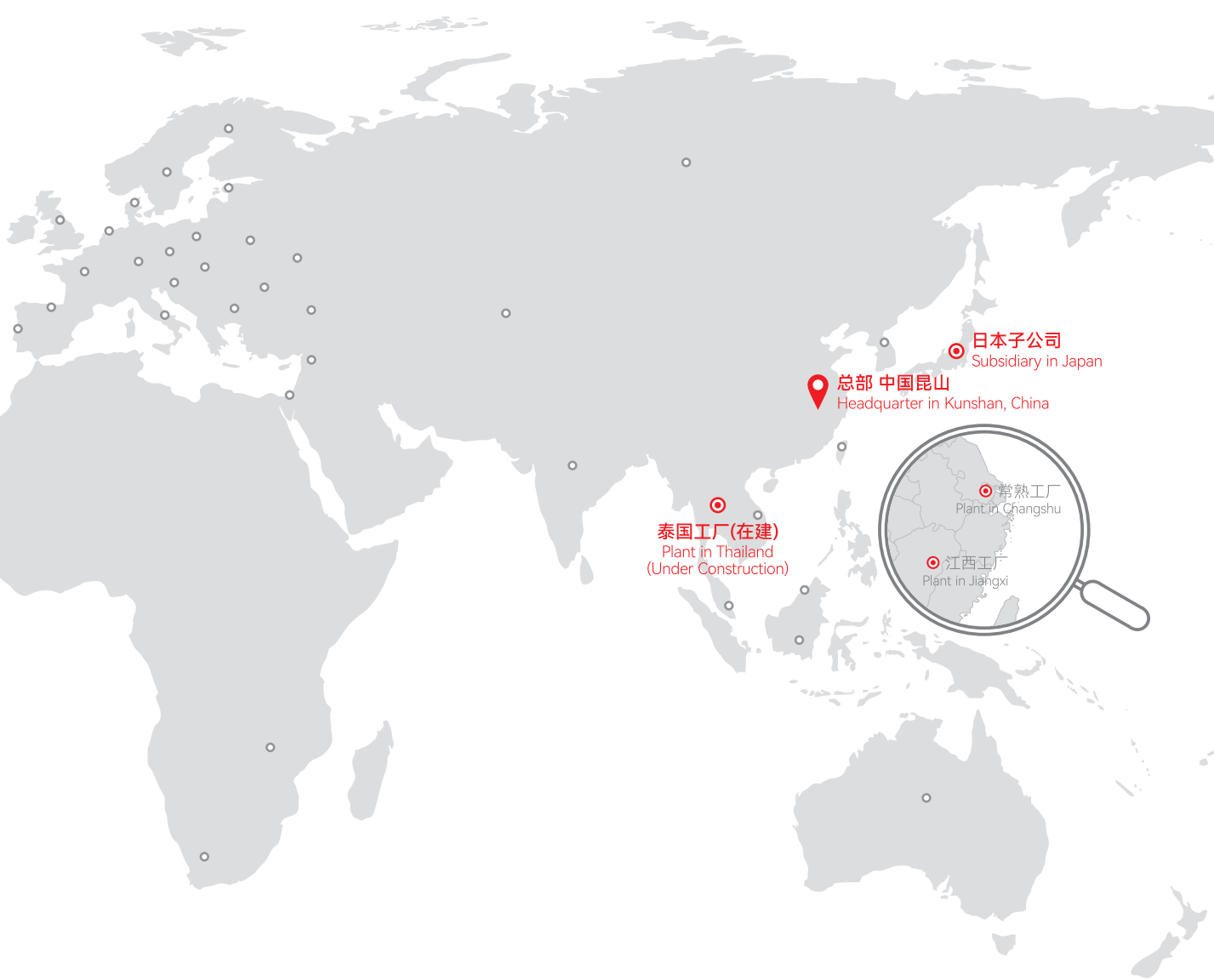


工程及矿用工具系列
Construction & Mining Applications

愿景Vision:

成为全球硬质材料及应用科技的引领者

To become a global leader in hard materials and applied technology



● 销售国家和地区 Global Sales Network

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A

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关于长鹰
About Us

昆山长鹰硬质材料科技股份有限公司创立于2003年，是一家专业的硬质材料制造商和供应商。我司生产的高性能的标准产品和特殊订制产品，可充分满足全球客户在金属加工、木材加工、采矿、建筑工程、石油和天然气、模具等行业的多种应用需求。

长鹰硬质材料生产基地位于距上海50公里的昆山市和常熟市，在江西有粉末原料生产基地。拥有近4万平方米的生产车间、先进的实验室和完备的研发设施设备，超过800名熟练的员工，包括优秀的材质、模具和工艺设计工程师团队。

昆山长鹰硬科旗下的江西长裕工程齿工厂位于江西抚州，是昆山长鹰硬质合金的延伸产品，长鹰硬科在硬质合金材料上有着20多年的研发和生产技术的积累，一直以来在矿用工具，工程工具用硬质合金材料上有自己的王牌合金牌号，打造出矿用采煤机截齿，掘进机截齿以及工程用桩基旋挖截齿，路面铣刨截齿等全方面的工程工具产品。

我司为德国莱茵TUVISO9001:2015质量体系的认证企业，高标准、严要求是我们品质管理工作的核心原则，具备先进的检测设备和标准，结合标准化的生产和管理体系，质量稳定。公司先后通过了ISO14001:2015环境管理体系，ISO50001:2018能源管理体系以及ISO45001:2008职业健康安全管理体系的认证，对员工健康管理，以及对环境和能源可持续发展的关注。

坚持“客户第一，诚实守信”的理念，具有专业的研发技术和服务团队，提供全方面的工法支持和售后服务，快速响应为客户提供解决方案，让您无后顾之忧。

CY CARBIDE MFG.CO.LTD.,Established in 2003, is a professional manufacturer and exporter of high performance tungsten carbide products, RTP powders and CERMET materials. CYC delivers globally a high performance standard and special products, that meet the most challenging demands from industry sectors including metalworking,mining, construction, oil & gas, die & mold, and woodworking.

CYC has two production sites located in Kunshan, 50km away from Shanghai. Together with the Jiangxi raw material production and Changshu inserts production, consist of production, laboratories and R&D facilities. 800+ skilled employees,including tooling and material grade design engineering on site.

CYC high performance products are guaranteed by a strong process management system, resulting in consistent quality for every batch and product. Strict control of our raw material supply chains and 100% traceability for every product batch throughout the entire manufacturing process. A philosophy of continuous improvement within every process is a core principle in our ways of working. CYC is an ISO 9001:2015(TUV) certified business.

CYC Jiangxi Changyu Construction Application Factory is located in Fuzhou, Jiangxi. It is an extension production line of CYC tungsten carbide products. CYC has accumulated more than 20 years of R&D experience in tungsten carbide. We have our own unique carbide grades for mining and construction tools, building up the whole picks series, including Coal Cutting Picks, Road-header Picks, Rotary Drilling Picks and Road Milling Picks, etc.

CYC Adheres to responsible and sustainable business practices, including conflict free raw material sourcing, proactive health management for our employees, and continuous concern about the environmental impacts of our business. Our open and transparent business philosophy allows our customers, employees, and external suppliers, to have confidence in ourbusiness, ways of working, and our products.

 **20⁺** Since Foundation
成立时间

 **800⁺** Employees
员工

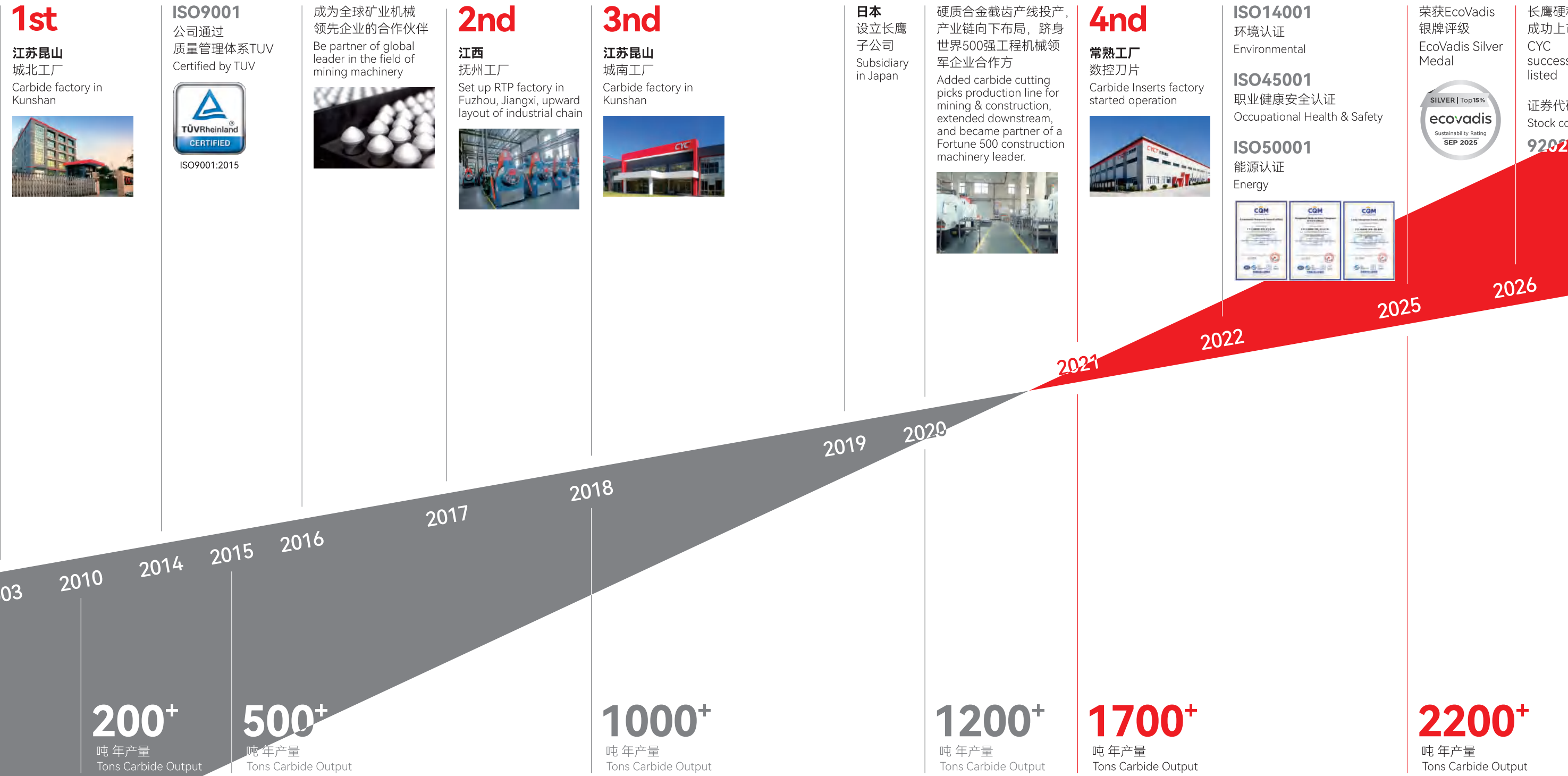
 **4** Plants
工厂

 **2500** Annual Capacity
年产能

 **100⁺** Grades 材质
100,000⁺ Specs 产品规格

 **50⁺** Countries/Regions
出口国家/地区

发展历程
Enterprise History



研发中心 R&D Center



研发团队 R&D Team

20多年的硬质合金研发和制造经验，公司拥有国内外行业专家、高级工程师组成研发团队，具备业内一流的研发能力。

Over 20 years of tungsten carbide material development and manufacturing experience, CYC has built a dedicated team consisting global experts in technical and commercial areas who always stand behind our customers.



研发设备 R&D Equipment

拥有国内外全系列先进研发设备、独立研发生产线及实地应用跟踪能力，为新产品研发提供坚实基础。

Equipped with a full range of domestic and international advanced R&D equipment, independent R&D production lines, and on-site application tracking capabilities, providing a solid foundation for new product development.



高校合作 Cooperation

公司始终重视产学研结合，积极搭建外部合作创新平台，与中南大学、东北大学、湖南工业大学等多所知名高校建立了“研发-生产-应用”产学研用合作系统。

Maintains close and in-depth collaboration with the leading universities, institutions and industry experts.

分析检测中心 Analysis & Testing Center

► 日本电子JEOL
扫描电镜
SEM tester
(JEOL-Japan)



► 荷兰铁诺维氏硬度计
Innovatest Hardness Tester



► 海克斯康三坐标测量仪
Hexagon CMM



► 比饱和磁化强度测量仪
Magnetometer

含碳化钨、混合料、硬质合金毛坯以及成品化学元素定量检测，微观结构分析，比饱和磁化强度、矫顽磁力等物理性能检测；设备齐全，方法专业，为研发及生产提供有效数据支撑。（相关设备：日本电子电镜扫描仪SEM、德国莱卡金相显微镜及其相应的金相定量分析软件、万能试验机、三坐标机等）。

We have all the test facilities for Tungsten Carbide Powder, RTP, chemical element composition of finished goods, and micro structure analysis, which provide an effective database for R&D and manufacturing (including Japan SEM tester, Germany Leica metallographic microscope and micro structure analysis software, strength test machine, and three-coordinates measuring machine, etc.)

生产工艺流程
Manufacturing Process

01 材质设计
Material Design

02 混合料球磨
Mixed Material Ball Milling



03 喷雾制粒
Spray Granulation

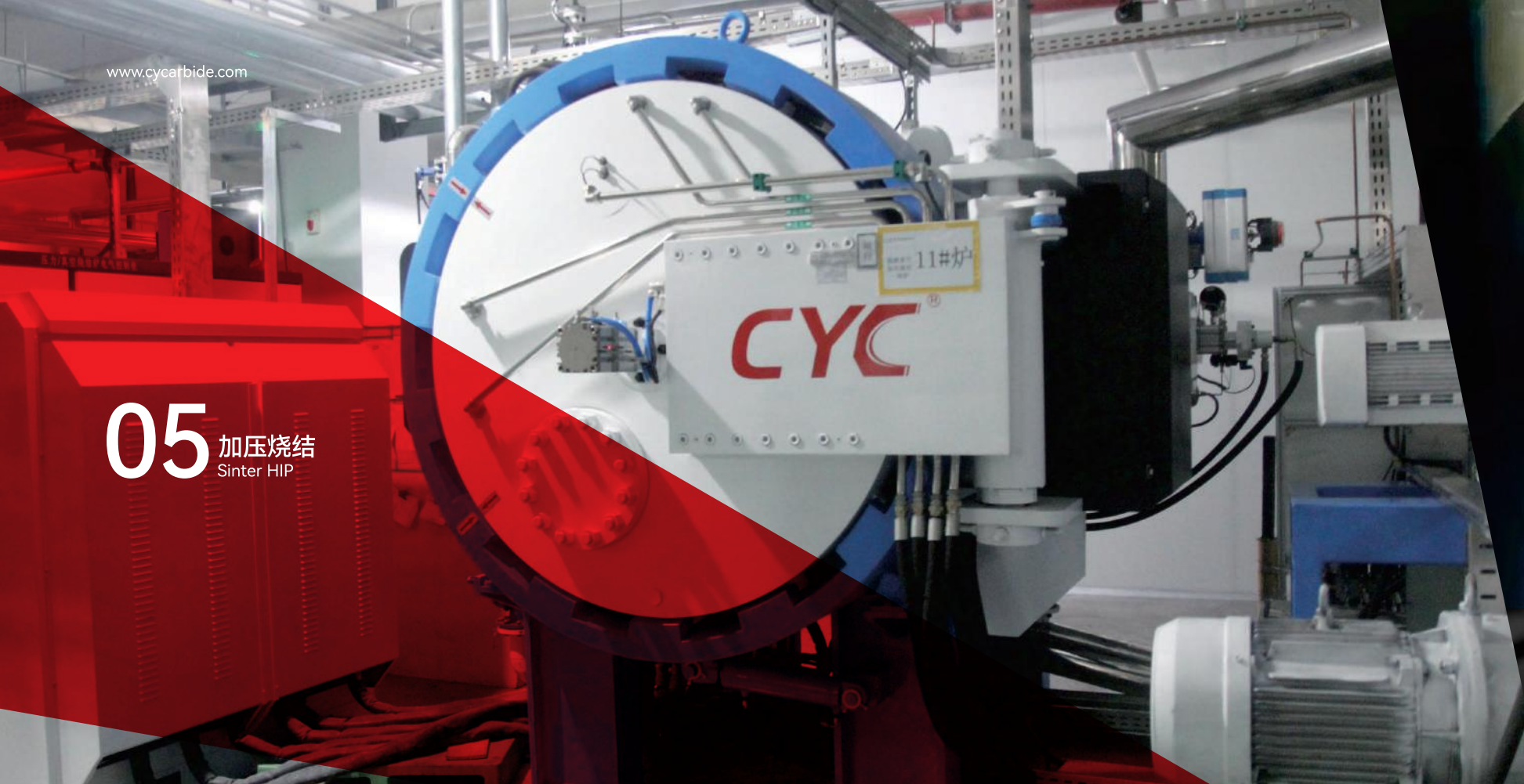


04 压制成型
Press Forming



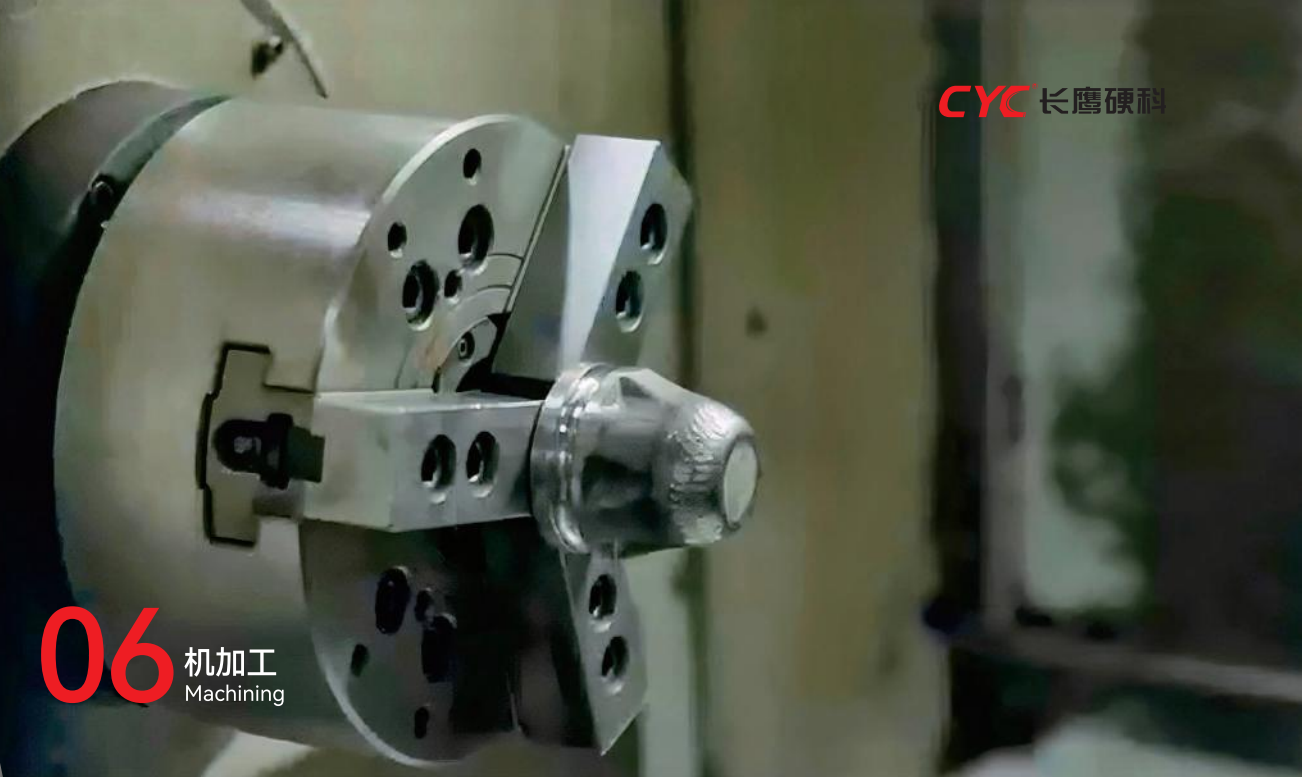
05

加压烧结
Sinter HIP



06

机加工
Machining



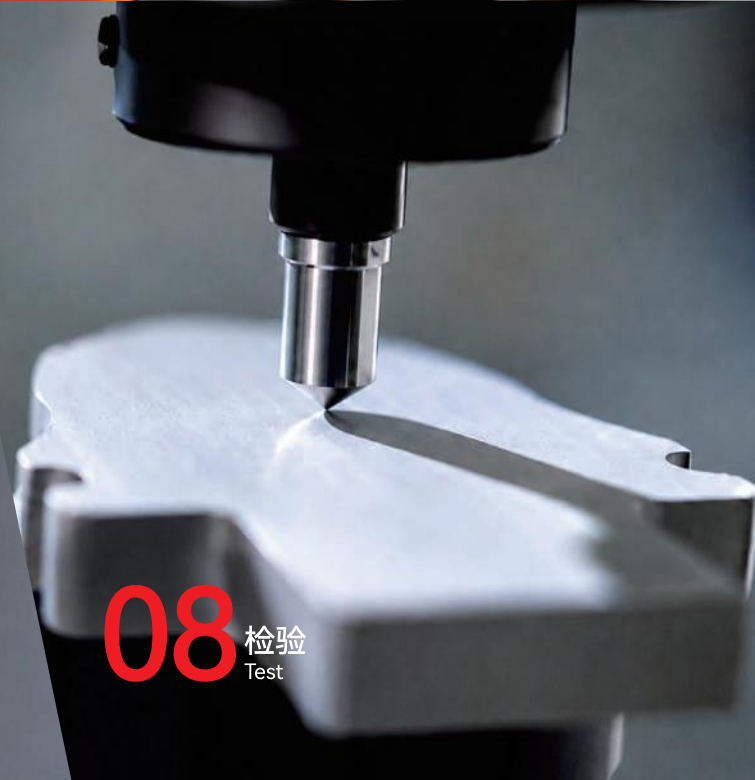
07

钎焊
Brazing



08

检验
Test



A

旋挖桩基工具 Foundation Rotary Tools

产品优势介绍

Introduction to Product Advantages

多种合金头设计，施工更高效

Multiple Alloy Heads for Higher Efficiency

针对岩层特性设计合金形状：中风化岩层匹配尖锥形合金头，进尺速率快；微风化岩层匹配饱满形合金头，更耐磨。

Tailored to strata for optimal performance: tapered for medium-weathered rock (fast penetration); full-bodied for slightly-weathered rock (high wear resistance).

先进钎焊工艺，焊接牢且美

Advanced Brazing for Strong & Neat Joints

采用强化高温焊料，结合最先进的钎焊工艺，焊接强度显著提升，且外观质感更佳，品质可靠。

Reinforced high-temp solder + advanced brazing ensures strong, reliable joints with refined appearance and consistent quality.

优质中碳合金钢，高韧高耐磨

Medium-Carbon Steel for Toughness & Wear

母体材质选用矿山级优质中碳合金钢，配合新型热处理工艺，韧性更好、耐磨性更高，能承受强烈冲击与磨损。

Mining-grade medium-carbon alloy steel + advanced heat treatment offers superior toughness, higher wear resistance, and withstands severe impact and abrasion.

超粗晶粒硬质合金，抗冲击耐用

Ultra-Coarse Carbide for Impact & Wear

选用优质超粗晶碳化钨原料，优化成分配比，使合金更耐磨、抗冲击性能大幅提升，在复杂工况下使用寿命更长。

Premium ultra-coarse WC with optimized composition delivers superior wear resistance, high impact strength, and extended service life under demanding conditions.

流线型尖锥母体，排渣导向快

Streamlined Tapered Body for Smooth Slag Flow

母体头部采用流线尖锥设计，可依据地层搭配合金豆、条或耐磨涂层；底部设凹凸导槽，排渣顺畅、辅助导向旋转，减少钻进阻力，提升进尺效率。

Tapered head with buttons/strips/coatings; bottom guide grooves enable smooth slag discharge, reduced drag, rotational guidance, and higher penetration rates.

柄部分级热处理，寿命更持久

Graded Shank Heat Treatment for Longer Life

截齿柄部实施分级热处理工艺，使韧性与强度达到理想平衡，整体寿命持久稳定，降低更换频次与使用成本。

Graded heat treatment optimizes toughness-strength balance, ensuring stable longevity, fewer replacements, and lower overall operating costs.



旋挖钻齿型号命名规则
Naming Rules for Foundation Rotary Drilling Picks

X	A	30	60	—	M	20	D12	LS	—	CY
1	2	3	4		5	6	7	8		9

1-品类 Type		2-齿体类型 Pick body Type		3-柄部小径 Shank minor dia	
X	标准旋挖钻齿 Standard Foundation Rotary Drilling Picks	A	槽型 Grooved Type	数字代表直径大小，例如 Numbers indicate diameter sizes, e.g.	
		D	光面 Smooth Type	30	Φ30mm

4-齿体直径 Pick Dia.(mm)		5-合金形状 Carbide Shape		6-合金直径 Carbide Dia.(mm)	
数字代表直径大小，例如 Numbers indicate diameter sizes, e.g.		M	蘑菇状 Mushroom shaped Inserts	数字代表直径大小，例如 Numbers indicate diameter sizes, e.g.	
60	Φ60mm	Z	尖锥直柱状 Conical-straight shaped inserts	20	Φ20mm

7-齿体头部特征 Pick Head Features		8-钻齿类型 Pick Type		9-CYC 品牌 brand
	无符号默认为头部淬火 No symbol = head quenching by default		无符号 = 标准旋挖钻齿 No symbol = Standard rotary picks	CY
N	等离子耐磨层 Plasma wear-resistant layer	LS	卵石地层专用旋挖钻齿 Rotary Picks for Cobble Formations	
		JC	加长型旋挖钻齿 Extra-Long Foundation Rotary Drilling Picks	
D12	Dn: 合金豆保护, n = 合金豆颗数 (如 D12 = 12 颗) Dn: Carbide bead reinforcement, n = number of beads (e.g. D12 = 12 beads)	T	双轮铣截齿 Trenching Picks	
E12	En: 合金条保护, n=合金条数 (如E12=12条) En: Carbide strip reinforcement, n = number of strips (e.g. E12 = 12 strips)	TZC	双轮铣截齿: 带齿座+齿套 Trenching picks: w/ holder & sleeve	

产品选型推荐
Tool Selection Recommendations

产品类型 Tool Type	系列 Series	型号 Model	应用 Application
标准旋挖钻齿 Standard rotary picks	38/30mm-Φ50mm	XD3050-M17-CY	配斗齿，强风化泥岩地层，抗压强度 < 20MPa。 Suitable for strongly weathered mudstone strata (equipped with bucket teeth), with uniaxial compressive strength<20MPa.
		XD3050-M20-CY	适用于强风化硬土及砂质地层，抗压强度 < 30MPa。 Suitable for strongly weathered hard soil and sandy formations, with uniaxial compressive strength<30MPa.
		XA3050-M20N-CY	适用于强风化硬土及砂质地层，抗压强度 < 30MPa。 Suitable for strongly weathered hard soil and sandy formations, with uniaxial compressive strength<30MPa.
		XA3050-M20D9-CY	适用于强风化碎岩及砂质地层，抗压强度 < 30MPa。 Suitable for strongly weathered broken rock and sandy soil, with uniaxial compressive strength<30MPa.
	38/30mm-Φ55mm	XD3055-M20-CY	适用于强风化硬土及砂质地层，抗压强度 < 30MPa。 Suitable for strongly weathered hard soil and sandy formations, with uniaxial compressive strength<30MPa.
		XD3055-M20E10-CY	适用于中~强风化砂岩、灰岩、砂土及泥岩等磨体性地层，抗压强度≤30MPa。 Suitable for moderately to strongly weathered sandstone, limestone, sandy soil and mudstone in abrasive strata, with uniaxial compressive strength≤30MPa.
		XA3055-M22N-CY	适用于强风化硬土及砂质地层，抗压强度 < 30MPa。 Suitable for strongly weathered hard soil and sandy formations, with uniaxial compressive strength<30MPa.
		XD3055-M22D9-CY	适用于强风化碎岩及砂质地层，抗压强度 < 40MPa。 Suitable for strongly weathered broken rock and sandy soil, with uniaxial compressive strength<40MPa.
		XD3055-M22E10-CY	适用于中~强风化砂岩、灰岩、砂土、泥岩及碎石等磨体性地层，抗压强度≤40MPa。 Suitable for moderately to strongly weathered sandstone, limestone, sandy soil, mudstone and gravel in abrasive strata, with uniaxial compressive strength≤40MPa.
	38/30mm-Φ60mm	XA3060-M22N-CY	适用于强~中风化砂土及卵石地层，抗压强度 < 40MPa。 Suitable for strongly to moderately weathered sandy soil and gravel strata, with uniaxial compressive strength<40MPa.

产品选型推荐

Tool Selection Recommendations

产品类型 Tool Type	系列 Series	型号 Model	应用 Application
标准旋挖钻齿 Standard rotary picks	38/30mm-Φ60mm	XD3060-M23-CY	普通款，适用于硬土层，强~中风化灰岩及砂质地层等岩层相对完整的工况，抗压强度≤40MPa。 Standard, suitable for hard soil, strongly to moderately weathered limestone and sandy strata under relatively intact rock conditions, with uniaxial compressive strength≤40MPa.
		XA3060-M24N-CY	升级款，适用于中风化砂岩、板岩及灰岩等整岩地层，抗压强度≤60MPa。 Professional, suitable for moderately weathered sandstone, slate and limestone in intact rock strata, with uniaxial compressive strength≤60MPa.
		XA3060-M24D10-CY	通用款，适用于中风化砂岩、灰岩及砂土等冲击性的地层，抗压强度≤60MPa。 Universal, suitable for moderately weathered sandstone, limestone and sandy soil in impactive strata, with uniaxial compressive strength≤60MPa.
		XD3060-M26D10-CY	适用于中风化灰岩及砾岩等破碎的冲击性地层，抗压强度≤60MPa。 Suitable for moderately weathered limestone and conglomerate in fractured impactive strata, with uniaxial compressive strength≤60MPa.
		XD3060-M25-CY	普通款，适用于中风化砂岩及白云岩等岩层较完整的地层，抗压强度≤50MPa。 Standard, suitable for moderately weathered sandstone and dolomite in relatively intact strata, with uniaxial compressive strength≤50MPa.
		XD3060-M25D10-CY	普通款，适用于中风化灰岩、砾岩及砂岩等冲击性较强的地层，抗压强度≤60MPa。 Standard, suitable for moderately weathered limestone, conglomerate and sandstone in highly impactive strata, with uniaxial compressive strength≤60MPa.
		XA3060-M26N-CY	升级款，适用于中风化灰岩、砂岩及白云岩等整岩地层，抗压强度≤70MPa。 Professional, suitable for moderately weathered limestone, sandstone and dolomite in intact rock strata, with uniaxial compressive strength≤70MPa.
		XA3060-M26D10-CY	升级款，适用于中风化灰岩及砾岩等破碎的冲击性地层，抗压强度≤70MPa。 Professional, suitable for moderately weathered limestone and conglomerate in fractured impactive strata, with uniaxial compressive strength≤70MPa.

产品选型推荐

Tool Selection Recommendations

产品类型 Tool Type	系列 Series	型号 Model	应用 Application
标准旋挖钻齿 Standard rotary picks	38/30mm-Φ60mm	XD3060-M27-CY	普通款，适用于中风化灰岩，砂岩及砾岩等整岩地层，抗压强度≤60MPa。 Standard, suitable for moderately weathered limestone, sandstone and conglomerate in intact rock strata, with uniaxial compressive strength≤60MPa.
		XA3060-M28N-CY	升级款，适用于中~微风化砂岩、灰岩及砂土等整岩地层，抗压强度≤80MPa。 Professional, suitable for moderately to slightly weathered sandstone, limestone and sandy soil in intact rock strata, with uniaxial compressive strength≤80MPa.
		XA3060-M28D12-CY	升级款，适用于中~微风化灰岩、砂岩及花岗岩等破碎的冲击性地层，抗压强度≤80MPa。 Professional, suitable for moderately to slightly weathered limestone, sandstone and granite in fractured impactive strata, with uniaxial compressive strength≤80MPa.
		XD3060-M30-CY	普通款，适用于中风化灰岩、砂岩、花岗岩及石英岩等完整的地层，抗压强度≤70MPa。 Standard, suitable for moderately weathered limestone, sandstone, granite and quartzite in intact strata, with uniaxial compressive strength≤70MPa.
		XD3060-M30D10-CY	普通款，适用于中~微风化砂岩、灰岩及花岗岩等冲击性的极硬岩层，抗压强度≤70MPa。 Standard, suitable for moderately to slightly weathered sandstone, limestone and granite in impactive extremely hard rock strata, with uniaxial compressive strength≤70MPa.
		XA3060-M30N-CY	升级款，适用于中~微风化花岗岩、石英岩及青石等整岩层，抗压强度~80MPa。 Professional, suitable for moderately to slightly weathered granite, quartzite and bluestone in intact rock strata, with uniaxial compressive strength~80MPa.
加长型旋挖钻齿 Extra-Long Foundation Rotary Drilling Picks	38/30mm-Φ50mm	XA3060-M26NJC-CY	适用于强风化硬土、砂质地层、黏土及泥岩，抗压强度≤40MPa。 Suitable for strongly weathered hard soil, sandy strata, clay and mudstone, with uniaxial compressive strength≤40MPa.
		XD3050-M20JC-CY	适用于强风化硬土、砂质地层及糊齿泥岩，抗压强度≤30MPa。 Suitable for strongly weathered hard soil, sandy strata and mudstone with balling tendency, with uniaxial compressive strength≤30MPa.

产品选型推荐

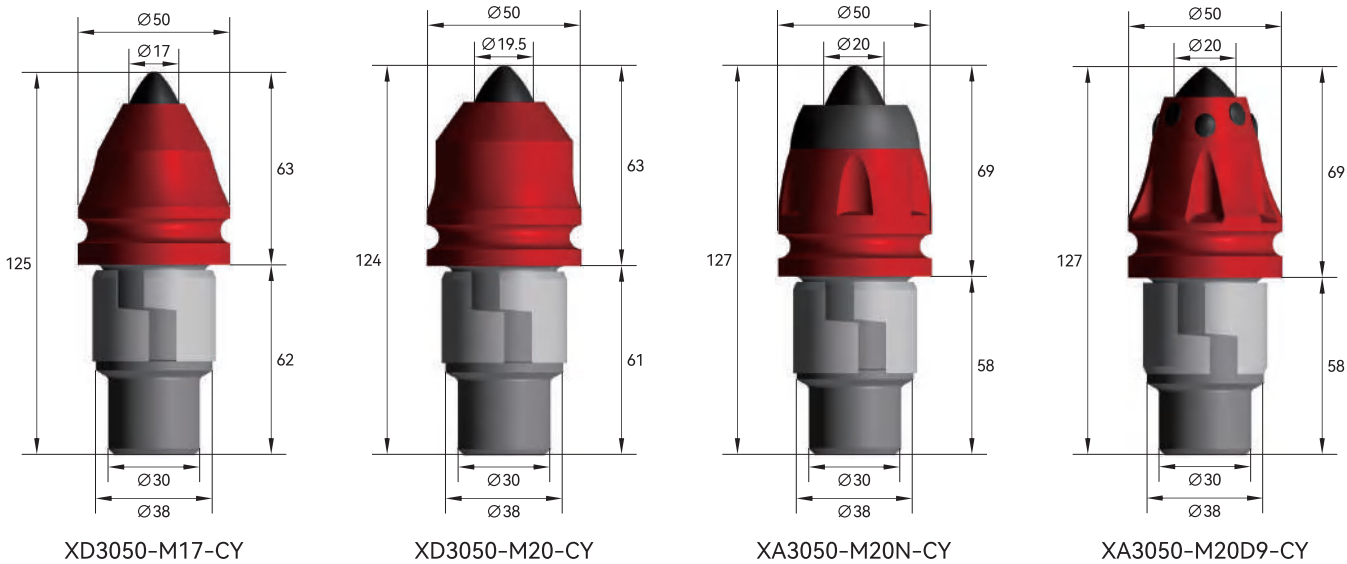
Tool Selection Recommendations

产品类型 Tool Type	系列 Series	型号 Model	应用 Application
卵石地层专用旋挖钻齿 Rotary Picks for Cobble Formations	38/30mm-Φ60mm	XA3060-M20D12LS-CY	适用于强~中风化卵石地层，抗压强度 < 40MPa。 Suitable for strongly to moderately weathered cobble formation, with uniaxial compressive strength<40MPa.
		XA3060-M20NLS-CY	适用于强~中风化卵石地层，抗压强度 < 40MPa。 Suitable for strongly to moderately weathered cobble formation, with uniaxial compressive strength<40MPa.
双轮铣截齿 Trenching Picks		XD3060-M25NT-CY	适用于中~微风化岩层的沟渠、水槽及地铁连续墙的铣削，抗压强度70-80MPa。 Suitable for moderately to slightly weathered rock strata for trench, channel and diaphragm wall milling, with uniaxial compressive strength70-80MPa.
		XD3060-M22T-CY	适用于中风化岩层的沟渠、水槽及地铁连续墙的铣削，抗压强度60-70MPa。 Suitable for moderately weathered rock strata for trench, channel and diaphragm wall milling, with uniaxial compressive strength 60-70MPa.
		XD3060-M22NT-CY	适用于中风化岩层的沟渠、水槽及地铁连续墙的铣削，抗压强度60-70MPa。 Suitable for moderately weathered rock strata for trench, channel and diaphragm wall milling, with uniaxial compressive strength 60-70MPa.
双轮铣截齿： 带齿座+齿套 Trenching picks: w/ holder & sleeve		XD3060-M22TZC-CY	双轮铣截齿 Double-wheel milling cutter teeth
		齿座 tooth holder T	双轮铣齿座 Double-wheel milling tooth holder
		齿套 tooth sleeve T	双轮铣齿套 Double-wheel milling tooth sleeve

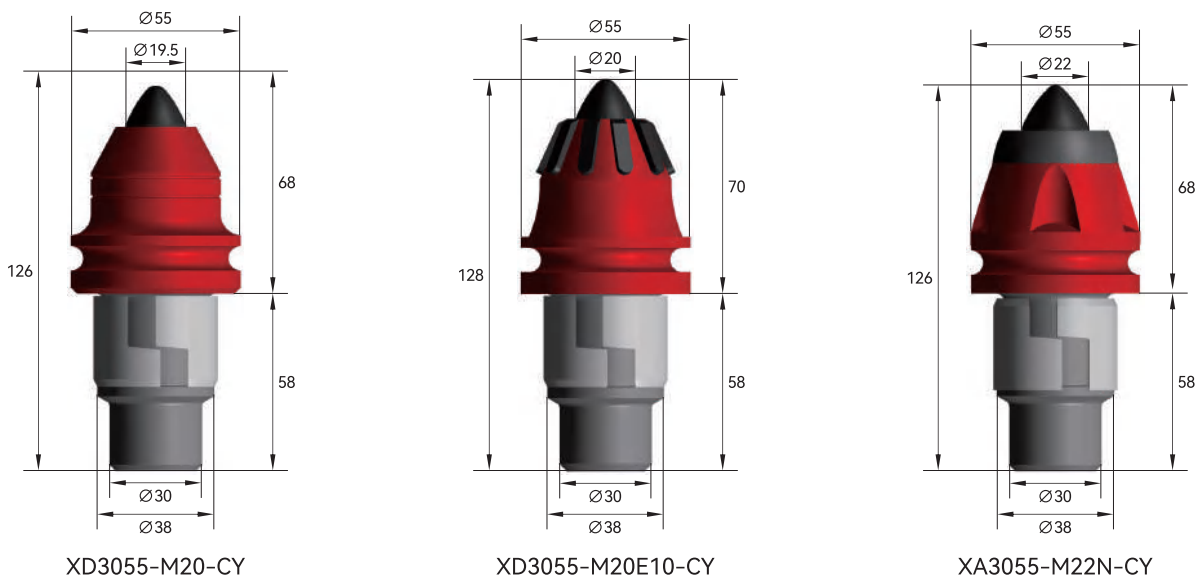
标准旋挖钻齿

Standard Rotary Picks

● 38/30mm-Φ50mm

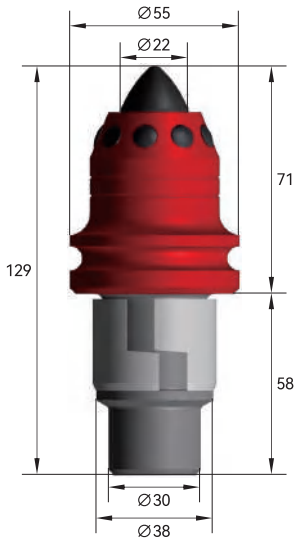


● 38/30mm-Φ55mm

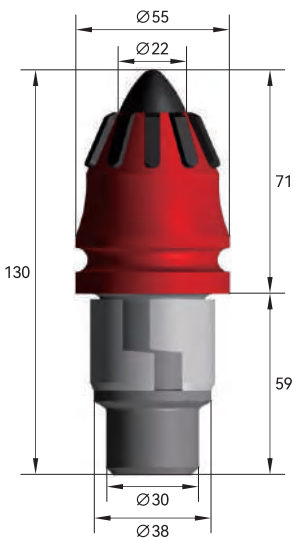


标准旋挖钻齿
Standard Rotary Picks

● 38/30mm-Φ55mm



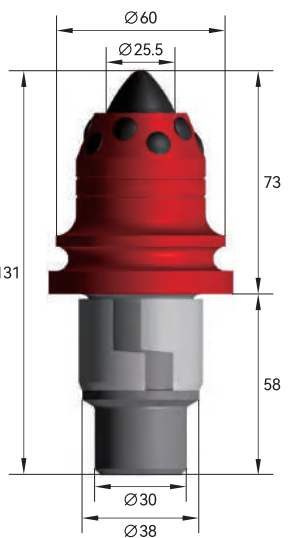
XD3055-M22D9-CY



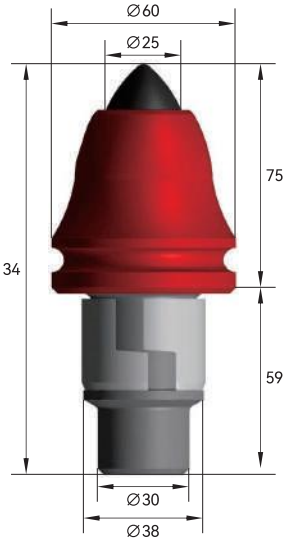
XD3055-M22E10-CY

标准旋挖钻齿
Standard Rotary Picks

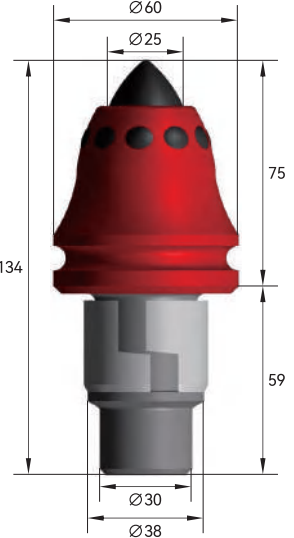
● 38/30mm-Φ60mm



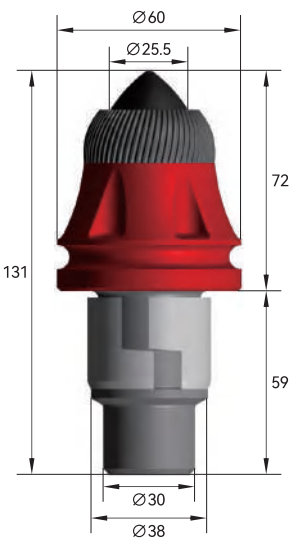
XD3060-M26D10-CY



XD3060-M25-CY

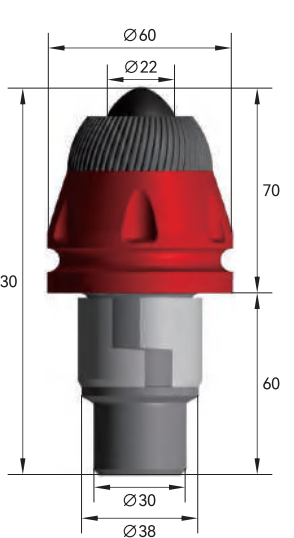


XD3060-M25D10-CY

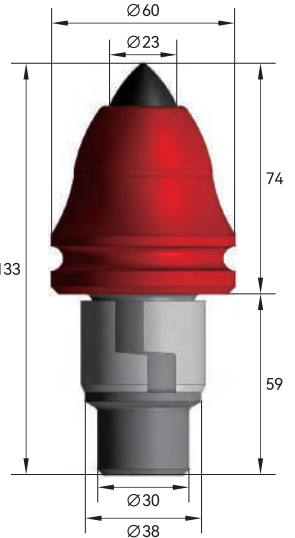


XA3060-M26N-CY

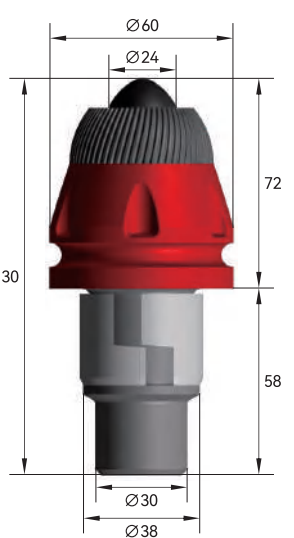
● 38/30mm-Φ60mm



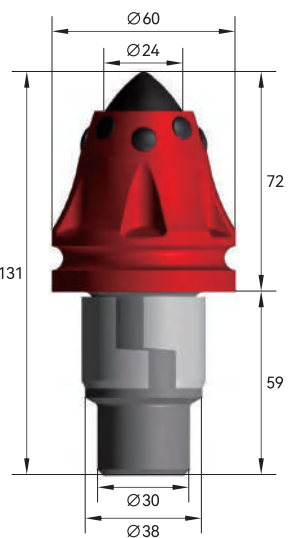
XA3060-M22N-CY



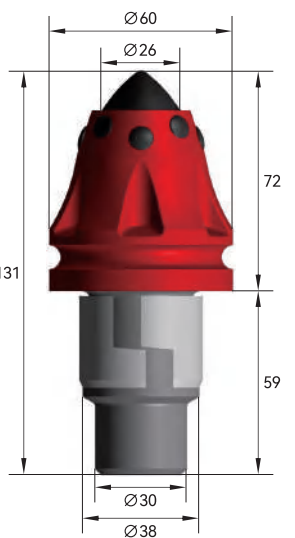
XD3060-M23-CY



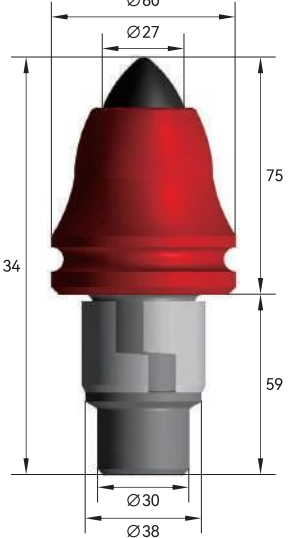
XA3060-M24N-CY



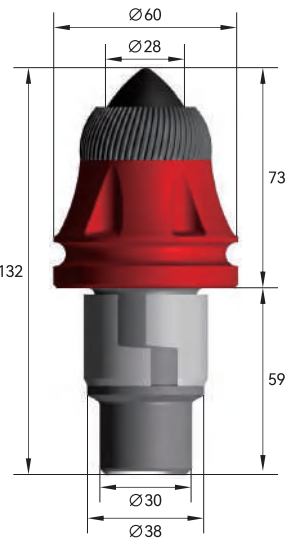
XA3060-M24D10-CY



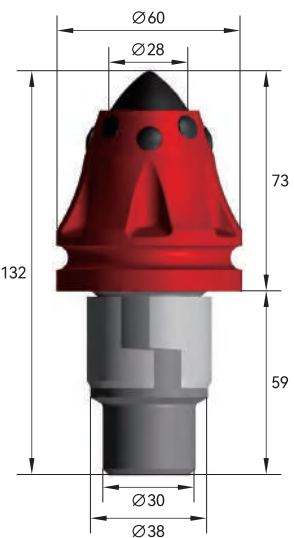
XA3060-M26D10-CY



XD3060-M27-CY



XA3060-M28N-CY

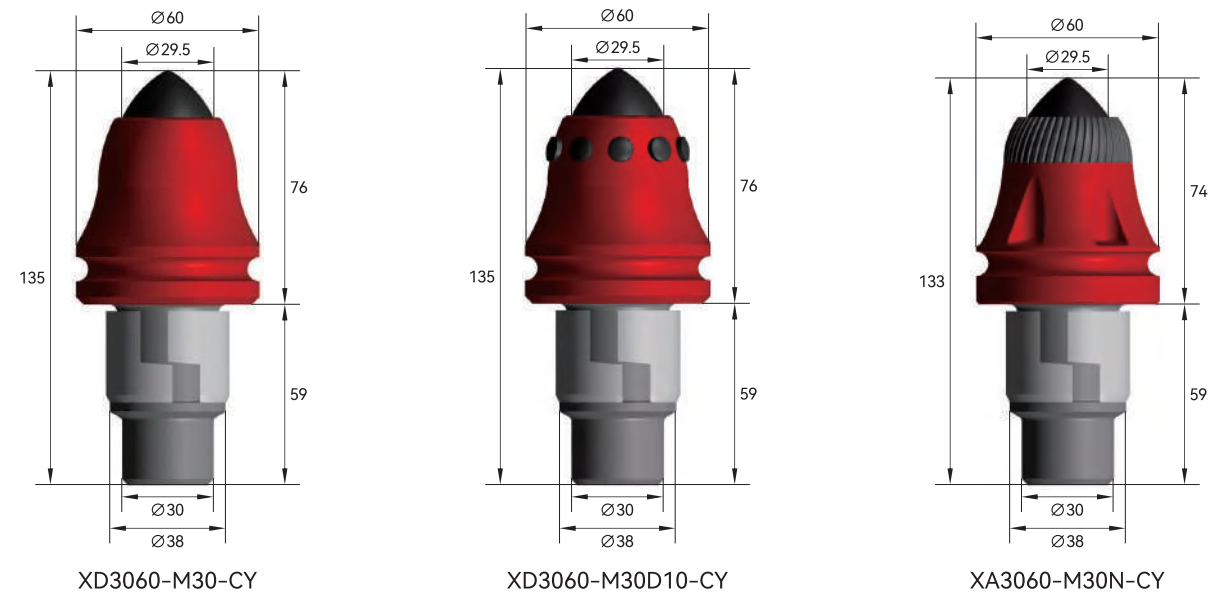


XA3060-M28D12-CY

标准旋挖钻齿

Standard Rotary Picks

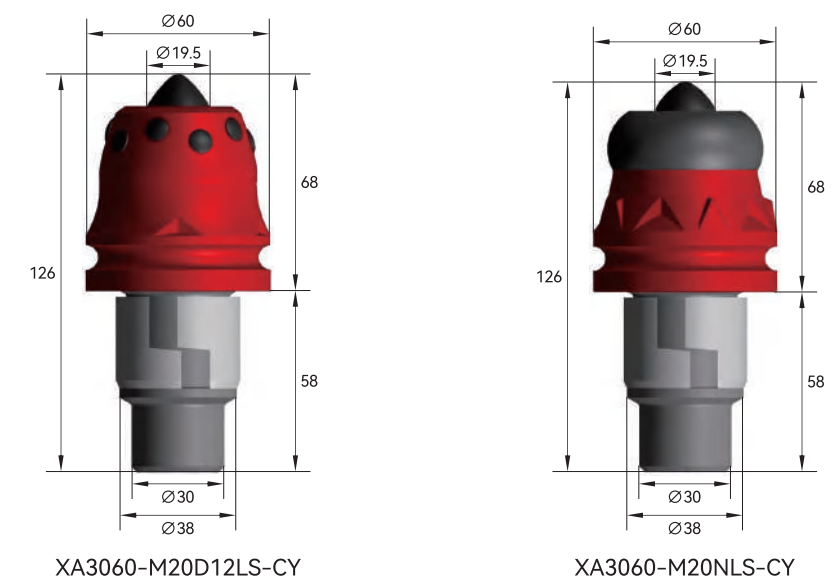
● 38/30mm-Φ60mm



卵石地层专用旋挖钻齿

Rotary Picks for Cobble Formations

● 38/30mm-Φ60mm



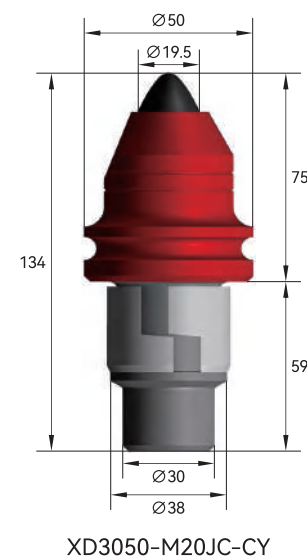
加长型旋挖钻齿

Extra-Long Foundation Rotary Drilling Picks

● 38/30mm-Φ60mm



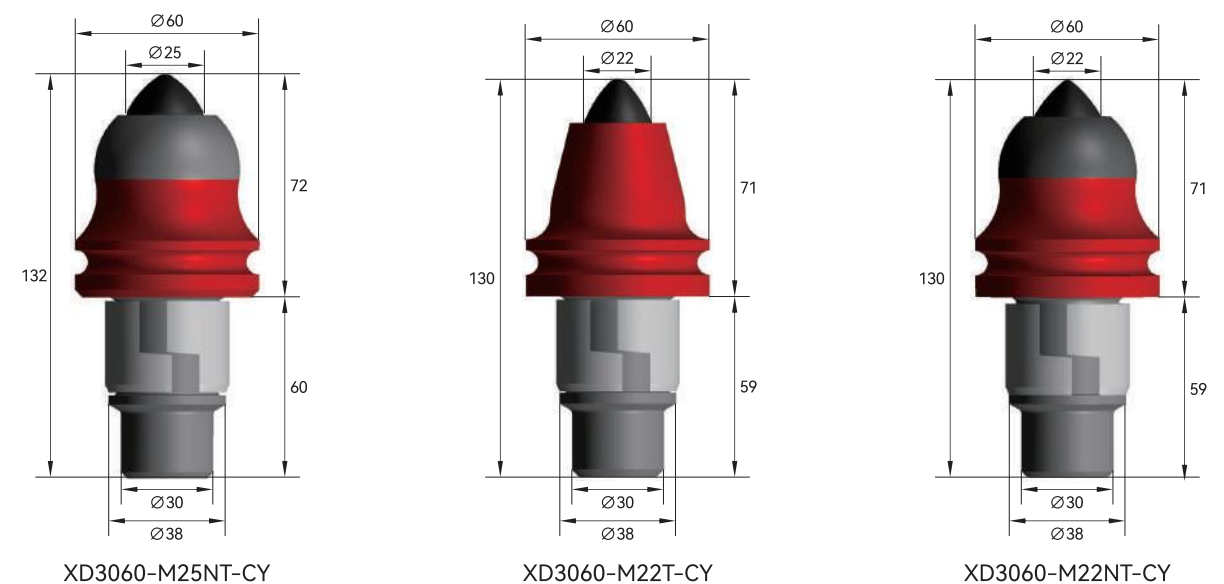
● 38/30mm-Φ50mm



双轮铣截齿

Trenching Picks

● 38/30mm-Φ60mm



双轮铣截齿：带齿座+齿套
Trenching Picks: w / holder & sleeve

● 38/30mm-Φ60mm



XD3060-M22TZC-CY



齿座 tooth holder T

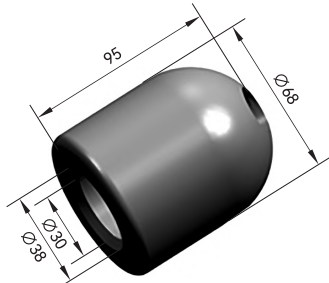


齿套 tooth sleeve T

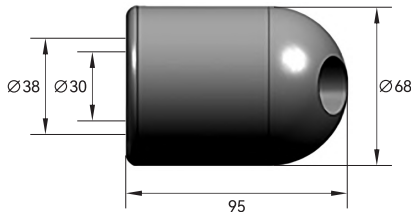
截齿齿座

Tooth Holder

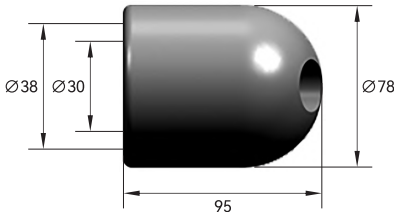
型号 Model	特征 Features	直径 Pick (mm)	总长 OAL (mm)	适用范围 Applications
68-95	表面淬火 Surface quenching	68	95	适用如下阶梯柄的截齿安装，捞砂斗及筒钻通用 Suitable for mounting the following cutter teeth sizes, universal for sand grab and core barrel. 38/30mm-Φ50mm, 38/30mm-Φ55mm, 38/30mm-Φ60mm
68-95-PWRL	等离子耐磨层 Plasma wear-resistant layer	68	95	
78-95-PWRL		78	95	
68-95-TC	带合金 W/ carbide tip	68	95	
78-95-TC		78	95	
B43K	表面淬火 Surface quenching			适用如下阶梯柄的截齿安装，捞砂斗中心锥适用 Suitable for mounting the following cutter teeth sizes, universal for sand grab and Center cone. 38/30mm-Φ50mm, 38/30mm-Φ55mm, 38/30mm-Φ60mm



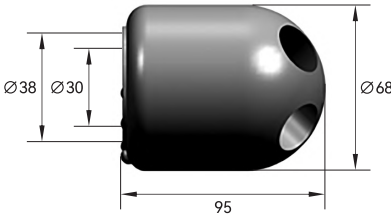
68-95无合金齿座
Without Carbide Holder



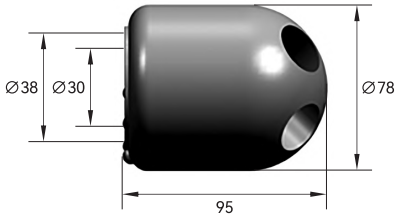
68-95等离子圆座
Plasma Round Holder



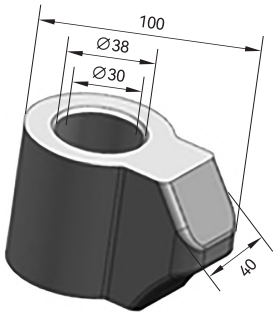
78-95等离子圆座
Plasma Round Holder



68-95合金齿座
With Carbide Holder



78-95合金齿座
With Carbide Holder



B43K截齿座
Pick Holder

牙轮型号命名规则
Naming Rules for Roller Cone Bit

YL

1

637

2

Q120°

3

8-1/2"

4

-

CY

5

1-品类 Type	
YL	牙轮 Roller Cone Bit

3-柄型 Shank	
Z	直柄 Straight shank
Q 120°	曲柄 120° tapered shank
KC	可拆卸牙轮（直柄） Detachable bit (straight shank)

2-适用岩层: Rock	
UCS = Unconfined Compressive Strength (单轴抗压强度)	
517	软到中等地层，低抗压强度 Soft to medium, low UCS
637	中硬地层，高抗压强度 Medium-hard, high UCS
737	硬地层，半研磨~研磨性 Hard, semi-abrasive to abrasive

4-牙轮品类 roller cone type

5-CYC 品牌 brand
CY

产品选型推荐
Tool Selection Recommendations

产品类型 Tool Type	型号 Model	应用 Application
直柄 Straight Shank	YL637Z8-1/2"-CY	适用于微风化砂岩、灰岩及花岗岩等完整极硬岩层，抗压强度≥100MPa。 Suitable for slightly weathered sandstone, limestone and granite in intact extremely hard rock strata, with uniaxial compressive strength≥100MPa.
120°曲柄 Angled Shank	YL637Q120°8-1/2"-CY	
直柄 Straight Shank	YL737Z8-1/2"-CY	
可拆卸牙轮 Detachable Roller (含底座, 52颗合金 With Base, 52-Insert)	YL637KC8-1/2"-CY	



YL637Z8-1/2"-CY



YL637Q120°8-1/2"-CY



YL737Z8-1/2"-CY



YL637KC8-1/2"-CY



道路铣刨齿型号命名规则
Naming Rules for Road Milling Picks

M	A	D	20	45	—	M	19	N	T	—	CY
1	2	3	4	5		6	7	8	9		10

1-品类 Type	
M	道路铣刨工具 Road Milling Tools

2-路面类型 Pavement Type	
A	沥青 Asphalt Pavement
B	水泥 Concrete Pavement
M	冷再生, 沥青/水泥路面 Cold Recycled Pavement, Asphalt and Concrete Pavement

3-齿体类型 Pick body Type	
A	槽型 Grooved Type
D	光面 Smooth Type

4-柄部直径 Shank dia.	
数字代表直径大小, 例如 Numbers indicate diameter sizes, e.g.	
20	Φ20mm

5-柄长Shank L.	
45	45mm

6-合金形状 Carbide Shape	
M	蘑菇状 Mushroom shaped Inserts
Z	尖锥直柱状 Conical-straight shaped inserts

7-合金直径 Carbide Dia.	
数字代表直径大小, 例如 Numbers indicate diameter sizes, e.g.	
19	Φ19mm

8-齿体头部特征 Pick Head Features	
	头部淬火 head quenching
N	等离子耐磨层 Plasma wear-resistant layer

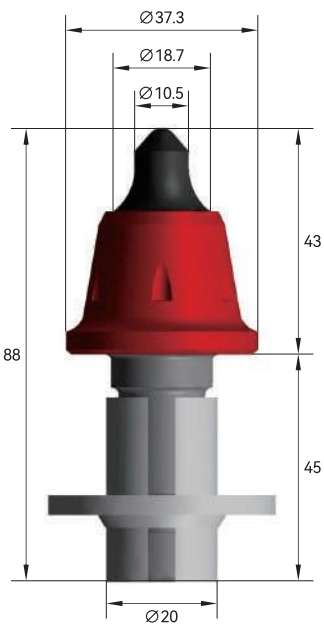
9-齿体特征 Pick Features	
T	带有退刀槽 With Undercut

10-CYC 品牌 brand
CY

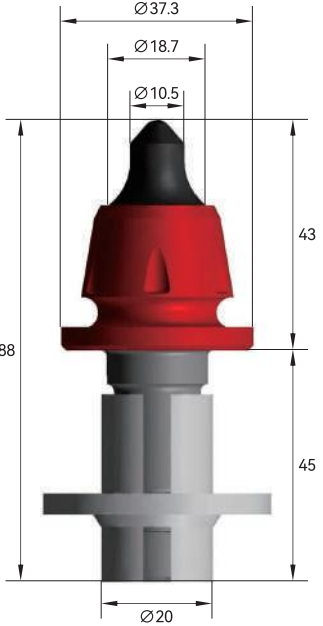
产品选型推荐
Tool Selection Recommendations

型号 Model	路面类型 Pavement Type
MAA2045-M19-CY	沥青 Asphalt Pavement
MAA2045-M19T-CY	沥青 Asphalt Pavement
MBA2045-Z13-CY	水泥 Concrete Pavement
MBA2045-Z13T-CY	水泥 Concrete Pavement
MMA2045-M19-CY	沥青/水泥路面 Asphalt and Concrete Pavement
MMA2245-M19-CY	冷再生 Cold Recycled Pavement

● 沥青 Asphalt Pavement

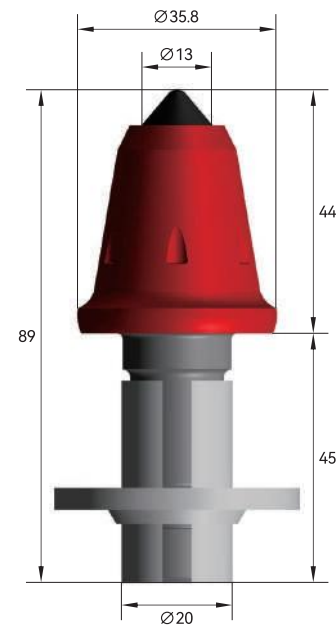


MAA2045-M19-CY

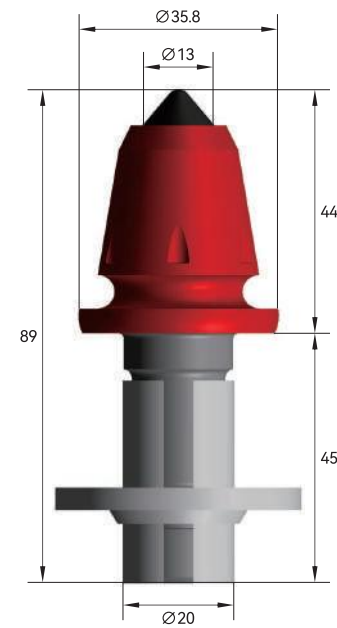


MAA2045-M19T-CY

● 水泥 Concrete Pavement

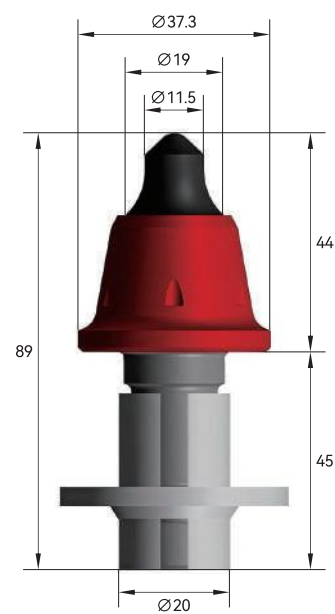


MBA2045-Z13-CY



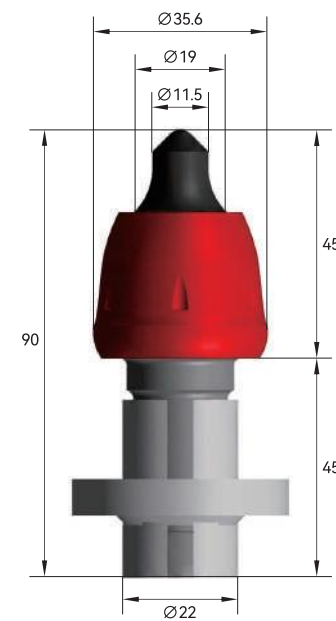
MBA2045-Z13T-CY

● 沥青/水泥路面 Asphalt and Concrete Pavement



MMA2045-M19-CY

● 冷再生 Cold Recycled Pavement



MMA2245-M19-CY



巷道掘进齿型号命名规则
Naming Rules for Roadheader Picks

S135	D	38	65	—	M	25	D16	—	CY
1	2	3	4		5	6	7		8

1-品类 Type		2-齿体类型 Pick body Type		3-柄部直径 Shank dia. (mm)	
S135	巷道掘进齿, S135系列 Roadheader picks, S135 Series	A	槽型 Grooved Type	数字代表直径大小, 例如 Numbers indicate diameter sizes, e.g.	
		D	光面 Smooth Type	38	Φ38mm

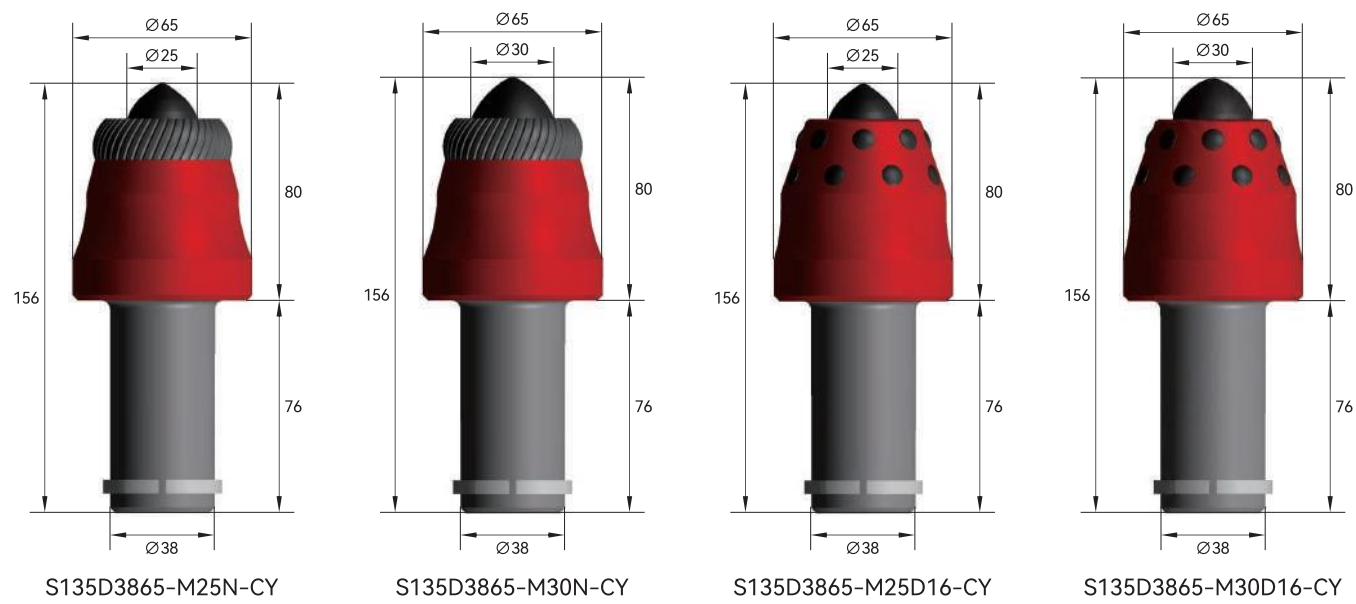
4-齿体直径 Pick Dia.(mm)		5-合金形状 Carbide Shape		6-合金直径 Carbide Dia.(mm)	
数字代表直径大小, 例如 Numbers indicate diameter sizes, e.g.		M	蘑菇状 Mushroom shaped Inserts	数字代表直径大小, 例如 Numbers indicate diameter sizes, e.g.	
65	Φ65mm	Z	尖锥直柱状 Conical-straight shaped inserts	25	Φ25mm

7-齿体头部特征 Pick Head Features		9-CYC 品牌 brand
	无符号默认为头部淬火 No symbol = head quenching by default	CY
N	等离子耐磨层 Plasma wear-resistant layer	
D16	Dn: 合金豆保护, n = 合金豆颗数 (如 D16 = 16 颗) Dn: Carbide bead reinforcement, n = number of beads (e.g. D16 = 16 beads)	

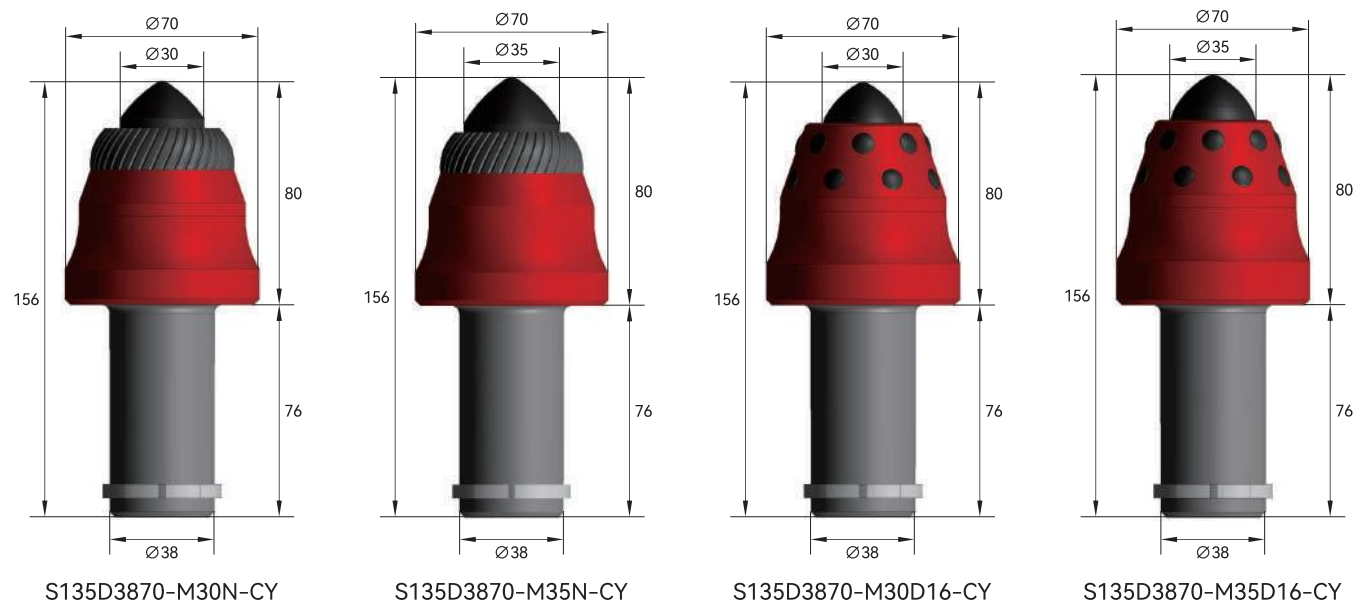
产品选型推荐
Tool Selection Recommendations

系列 Series	型号 Model	适应岩层硬度 Rock hardness (Mpa)			
		60-70	70-80	80-100	≥100
38mm-Φ65mm	S135D3865-M25N-CY			●	
	S135D3865-M30N-CY				●
	S135D3865-M25D16-CY			●	
	S135D3865-M30D16-CY				●
38mm-Φ70mm	S135D3870-M30N-CY			●	
	S135D3870-M35N-CY				●
	S135D3870-M30D16-CY			●	
	S135D3870-M35D16-CY				●
38mm-Φ80mm	S135D3880-M30N-CY			●	
	S135D3880-M35N-CY				●
	S135D3880-M30D16-CY				●
	S135D3880-M35D16-CY				●
42mm-Φ80mm	S135D4280-M30N-CY			●	
	S135D4280-M30D16-CY				●

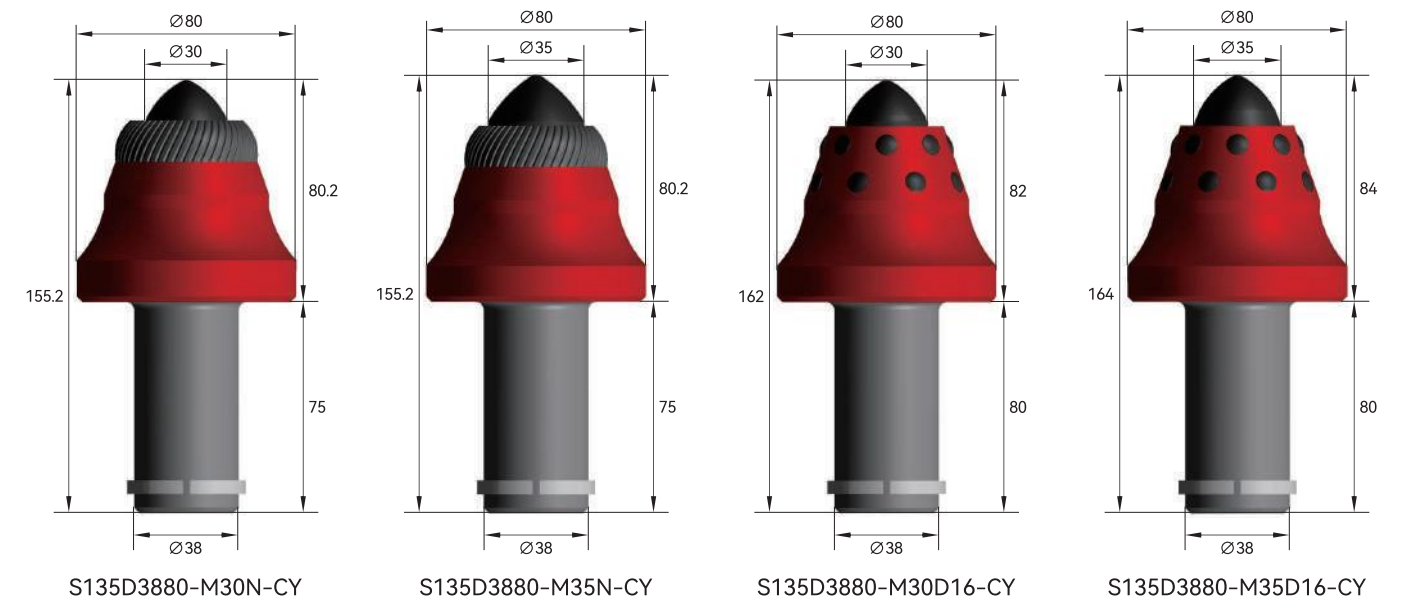
● 38mm-Φ65mm



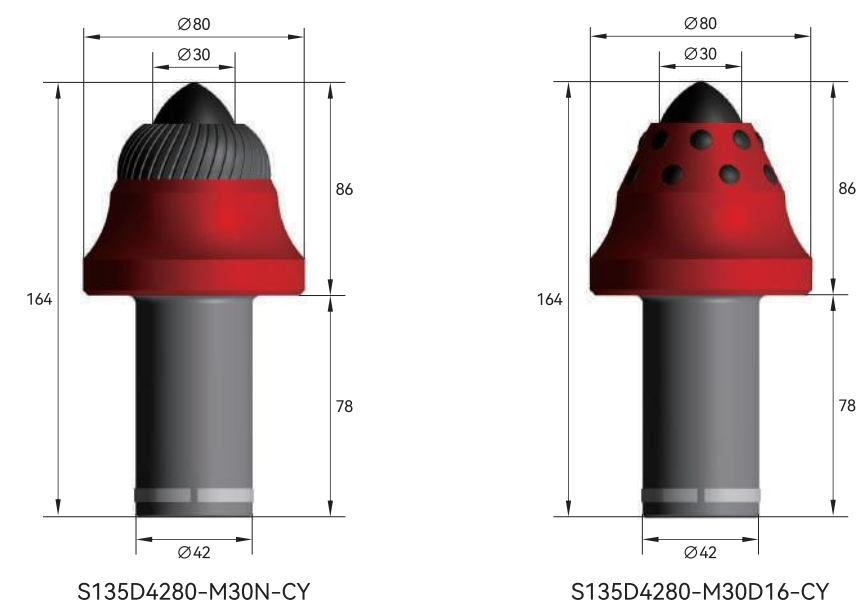
● 38mm-Φ70mm



● 38mm-Φ80mm



● 42mm-Φ80mm





D

煤截齿

Coal Cutting Picks

煤截齿型号命名规则

Naming Rules for Coal Cutting Picks

U95	D	35	55	—	M	22	D10	—	CY
1	2	3	4		5	6	7		8

1-品类 Type		2-齿体类型 Pick body Type		3-柄部小径 Shank minor dia.	
UXX = 煤截齿系列型号, 如 U82、U84、U95 UXX = Coal cutting picks models, e.g. U82, U84, U95		A	槽型 Grooved Type	数字代表直径大小, 例如 Numbers indicate diameter sizes, e.g.	
		D	光面 Smooth Type	35	Φ35mm

4-齿体直径 Pick Dia.		5-合金形状 Carbide Shape		6-合金直径 Carbide Dia.	
数字代表直径大小, 例如 Numbers indicate diameter sizes, e.g.		M	蘑菇状 Mushroom shaped Inserts	数字代表直径大小, 例如 Numbers indicate diameter sizes, e.g.	
55	Φ55mm	Z	尖锥直柱状 Conical-straight shaped inserts	22	Φ22mm

7-齿体头部特征 Pick Head Features	
	无符号默认为头部淬火 No symbol = head quenching by default
N	等离子耐磨层 Plasma wear-resistant layer
D10	Dn: 合金豆保护, n = 合金豆颗数 (如 D10 = 10 颗) Dn: Carbide bead reinforcement, n = number of beads (e.g. D10 = 10 beads)

8-CYC 品牌 brand
CY

D

煤截齿
Coal Cutting Picks

产品选型推荐

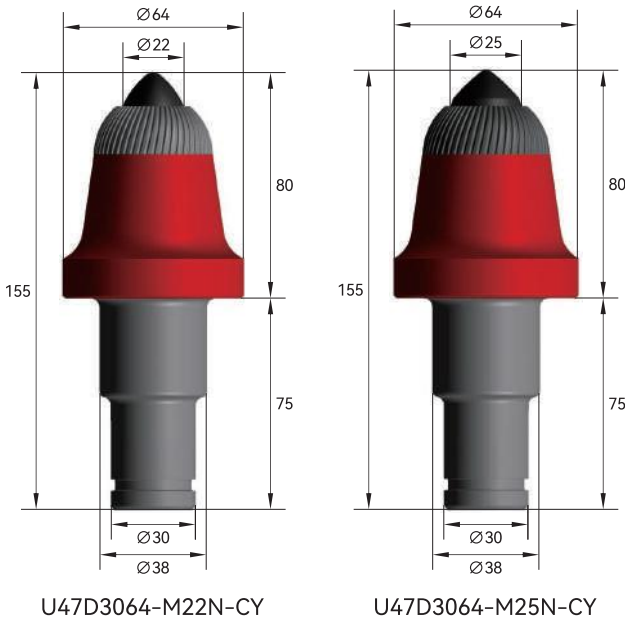
Tool Selection Recommendations

系列 Series	型号 Model	适用煤层硬度等级 Coal seam hardness grade (F)				
		< 3	3-5	5-8	8-11	> 11
38/30mm-Φ65mm	U47D3065-M19N-CY	●				
38/30mm-Φ64mm	U47D3064-M22N-CY		●			
	U47D3064-M25N-CY			●		
30mm-Φ50mm	U82D3050-M19N-CY	●				
	U84D3050-M19N-CY		●			
	U85D3050-M19N-CY	●				
	U82D3050-M22N-CY		●			
	U84D3050-M22N-CY	●				
	U85D3050-M22N-CY		●			
35mm-Φ55mm	U92D3555-M17N-CY	●				
	U92D3555-M22N-CY		●			
	U94D3555-M22N-CY		●			
	U95D3555-M22N-CY		●			
	U95D3555-M22D10-CY		●			
	U95D3555-M25N-CY			●		
	U95D3555-M25D16-CY			●		
35mm-Φ65mm	U95D3565-M30N-CY				●	
	U95D3565-M30D14-CY					●
35mm-Φ55mm	U95D3555-M28N-CY				●	
43/35mm-Φ65mm	U170D3565-M25N-CY			●		
	U170D3565-M25D16-CY				●	

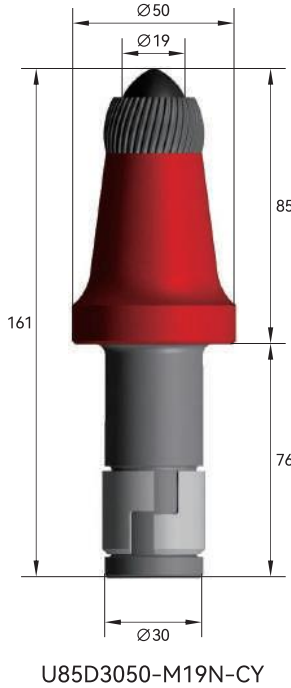
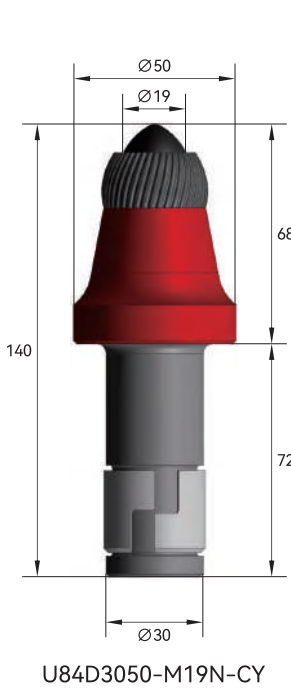
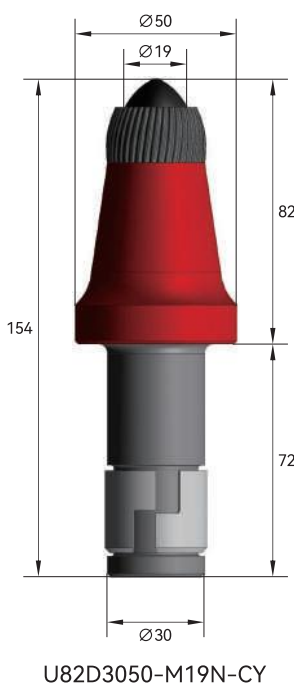
● 38/30mm-Φ65mm



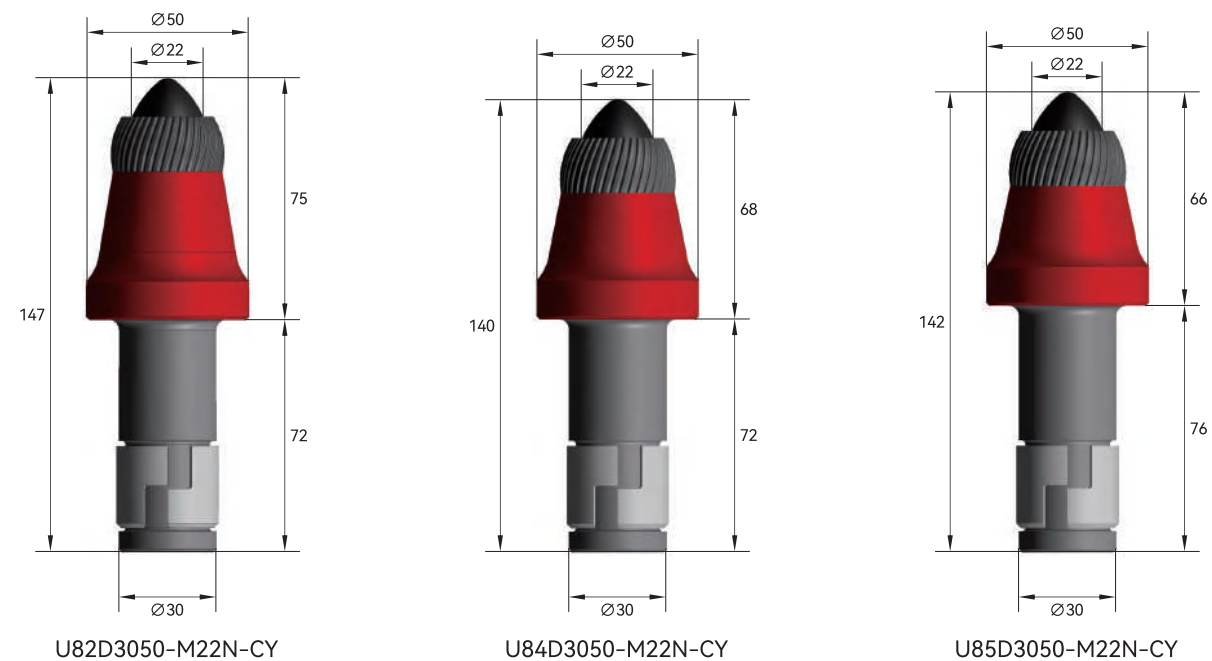
● 38/30mm-Φ64mm



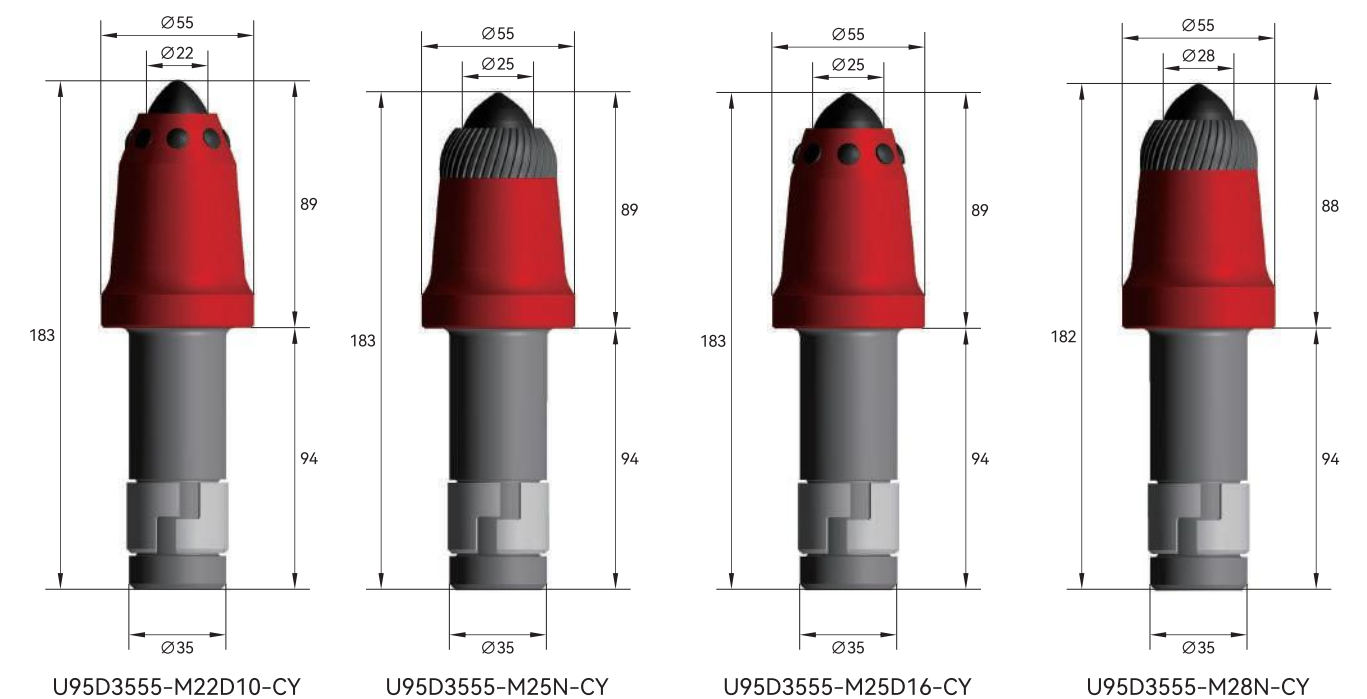
● 30mm-Φ50mm



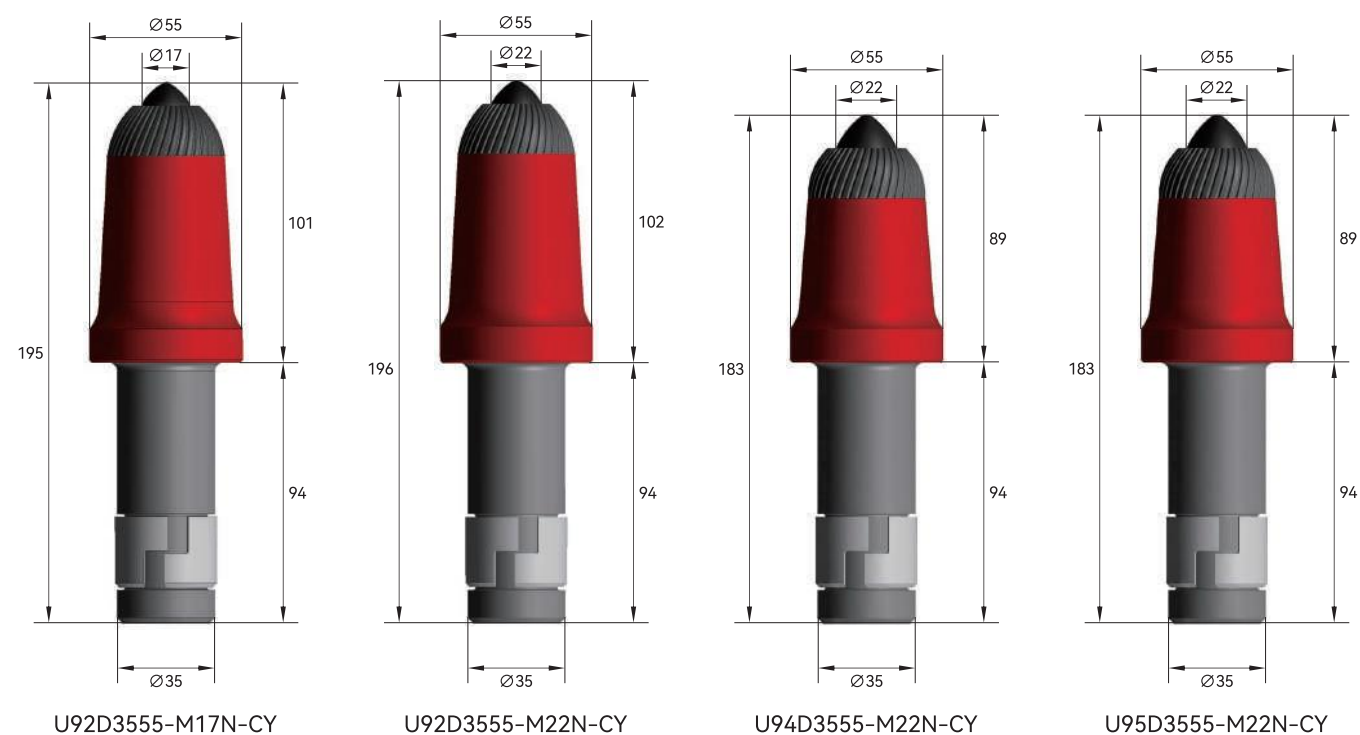
● 30mm-Φ50mm



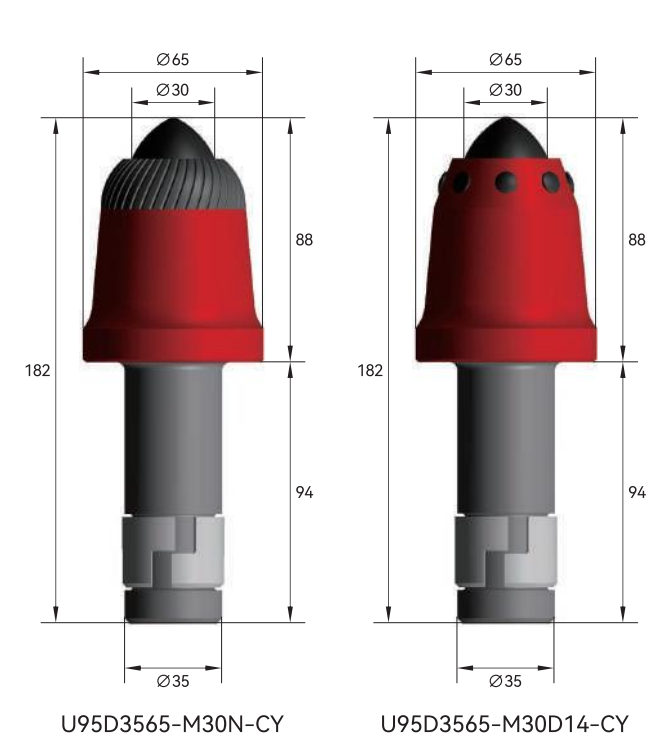
● 35mm-Φ55mm



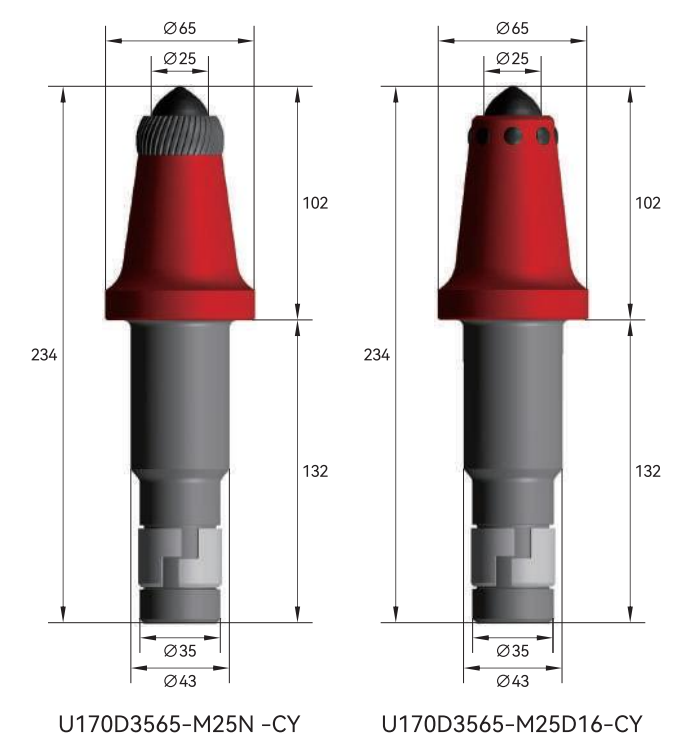
● 35mm-Φ55mm



● 35mm-Φ65mm



● 43/35mm-Φ65mm



记录 Record

认证



ISO9001:2015

