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澜源科技
LANYUAN

守护之盾

GUARDIAN SHIELD

The Global Leader In Integrated Support Solutions
全球支护一体化解决方案引领者

With The Shield Of Technology, We Guard The Underground Lifeline
以支护之盾，守护地下生命线

目录
CATALOGUE

Lanyuan Intelligent Manufacturing Declaration P03-04
澜源智造宣言

Intelligent Control Super Factory P05-08
智控超级工厂

Fully Automatic Intelligent Production Line	全自动智能生产线	[05]
Digital Quality Inspection Center	数字化质检中心	[07]
Innovative Research Development Center	创新型研发中心	[08]

Core Product Matrix P09-22
核心产品矩阵

Friction Bolt	管缝锚杆	[11]
Expandable Rock Bolt	水力膨胀式锚杆	[13]
Paddle Bolt	船桨锚杆	[15]
Coal Bolt	煤炭锚杆	[16]
Combined Bolt	组合式锚杆	[17]
Combi Plate	组合式托盘	[19]
Dome Plate	单耳托盘	[19]
Wire Mesh	金属网片	[20]
Resin Capsule	树脂锚固剂	[21]
Dual-speed Resin Capsule	双速锚固剂	[22]

Support Solution P23-26
守护者解决方案

Three Major Support Application Scenarios	三大支护应用场景	[25]

Global Shield Network P27-30
全球盾网

Global Business Layout	全球业务布局	[29]
Global Smart Supply Chain	全球智慧供应链	[29]
Global Service Performance	全球服务履约	[30]

Sustainable Safety Technology P31-32
可持续安全技术

Focus On Innovation	聚焦创新	[32]
Safety Guarantee	安全保障	[32]
Sustainable Development	可持续安全技术	[32]

GLOBAL INTEGRATED SUPPORT SOLUTION

全球支护一体化解决方案

Lanyuan Technology reshapes the logic of the support industry with its full-chain integration capabilities.

In the global support field, we have broken through the limitations of the scattered support links in traditional minning support. Relying on the full-process and depth collaboration of multiple links, and with data and technology running through the entire process, we provide global customers with a "one-stop" support solution from planning to maintenance.

Lanyuan Technology has always been deeply engaged in the field of support technology, committed to transforming the safety, efficiency and sustainable future of global mining, infrastructure and undersea tunnel projects. Drive the standardization and quality improvement of support products with smart factories, precisely match the demands of various scenarios, achieve efficient interaction, significantly enhance safety, reduce costs and shorten construction periods.

No matter where you are in the world or what support challenges you face, our safety technology experts are always by your side.

澜源科技以全链条整合能力重塑支护行业逻辑。

在全球支护领域，我们突破传统矿山支护环节分散的局限，凭借全流程统筹与多环节深度协同，依托数据与技术贯穿始终，为全球客户提供从规划到维护的“一站式”支护解决方案。

澜源科技始终深耕支护技术领域，致力于变革全球采矿、基建及海底隧道工程的安全、效率与可持续未来。以智能工厂驱动支护产品的标准化与品质化，精准匹配各类场景需求，实现高效联动，显著提升安全性、降低成本并缩短工期。

无论您在全球哪个角落，无论您面临何种支护挑战，我们的安全技术专家始终与你们并肩作战。

LANYUAN INTELLIGENT MANUFACTURING DECLARATION

澜源智造宣言

60000 m²
SUPER INTELLIGENT CONTROL FACTORY
超级智控工厂

150+
GLOBAL SERVICE PROJECT
服务项目

100+
SAFETY CERTIFICATION
安全认证

23+
FULLY AUTOMATIC INTELLIGENT PRODUCTION LINE
全自动智能生产线

1 BILLION
COMPREHENSIVE ANNUAL OUTPUT VALUE
综合年产值

With support and accumulation as the foundation, mining safety as the driving force, and innovation and iteration as the engine.

The 60,000m² intelligent factory forgings zero-defect support products for the global mining industry. From raw material selection to finished product delivery, the entire process is digitally monitored and quality precision is strictly controlled. Over a hundred specifications of products have passed ISO9001, ISO45001, and ISO14001 system certifications. It has built a solid safety defense line for more than 150 domestic and foreign mining and tunnel projects.

We tailor our products to the unique needs of each project, ensuring reliable support for every project. Providing high-quality products and safeguarding the safety of the support field have always been our goal.

以支护积淀为根基，以矿山安全为动力，以创新迭代为引擎。

六万平方米智能工厂，为全球矿业锻造零缺陷支护产品，从原材料甄选到成品出厂，全程实现数字化监控与质量精度把控，上百种规格产品均通过ISO9001、ISO45001、ISO14001体系认证，累计为国内外150+矿山与隧道项目筑牢安全防线。

我们针对每个项目的独特需求量身定制，让每一项工程都能得到可靠的支护保障，提供高质量产品和守护支护领域安全是我们一直坚定的目标。

INTELLIGENT CONTROL SUPER FACTORY

智控超级工厂

Lanyuan Technology's fully automatic intelligent production workshop deeply integrates automation, intelligence, efficiency and precision technologies, and builds a full-process intelligent management and control system, which avoids the risk of quality fluctuations that are easily caused by human work. The workshop empowers traditional manufacturing with intelligent technology and successfully sets an industry benchmark for supporting the automated production of products.

Every support product born here embodies cutting-edge technology, providing strong empowerment for support projects in the global mining and infrastructure industries.

Here, there is no rumbling noise，only the harmonious rhythm of machine operation. While traditional manufacturing is still chasing efficiency, this smart workshop has already interpreted the new manufacturing philosophy of "precision, efficiency and reliability" with data-driven flexible production, becoming the hard-core confidence for the enterprise to lead the industry.

澜源科技的全自动智能化生产车间，将自动化、智能化、高效化与精密化技术深度融合，构建起全流程智能化管控体系，从根源上规避了人工作业易引发的质量波动风险。车间以智能化技术为传统制造赋能，成功树立起支护产品自动化生产的行业标杆。

诞生于此的每一件支护产品，均凝聚着尖端技术，为全球采矿及基础设施行业的支护工程提供有力赋能。

这里没有轰鸣的噪音，只有机器运转的和谐韵律；当传统制造还在追赶效率时，这座智能车间已用数据驱动的柔性生产，诠释着“精准、高效、可靠”的新制造哲学，成为企业领跑行业的硬核底气。

Fully automatic production line for Friction bolt
管缝锚杆全自动生产线

Fully automatic production line for Expandable rock bolt
水力膨胀式锚杆全自动生产线

Fully automatic production line for Coal bolt
煤炭锚杆全自动生产线

Fully automatic production line for Paddle bolt
船桨锚杆全自动生产线

Fully automatic production line for Resin capsule
锚固剂全自动生产线

Fully automatic production line for 500t plate
500T托盘全自动生产线

DIGITAL QUALITY INSPECTION CENTER

数字化质检中心

At Lanyuan, the unwavering pursuit of product quality runs through every stage of production. The quality inspection laboratory is undoubtedly a solid fortress safeguarding product quality, and it has also made Lanyuan Technology's products renowned for their high quality in the market, earning wide trust from customers.

A professional digital quality inspection center, equipped with top-notch precision inspection equipment in the industry, ensures quality assurance throughout the entire life cycle of mine support products. From the sampling inspection of raw materials upon their entry into the factory, to the phased testing of semi-finished products during the production process, and then to the final quality verification of finished products, every link is subject to strict standards and norms.

在澜源，对产品品质的执着追求贯穿于生产的每一个环节，质检实验室无疑是守护产品质量的坚固堡垒，也让澜源科技的产品在市场上以高品质著称，赢得客户的广泛信赖。

专业数字化质量检测中心，配备行业顶尖的精密检测设备，确保矿用支护产品全生命周期质量保障。从原材料入厂的抽样检验，到生产过程中半成品的阶段性检测，再到成品的最终质量核验，每一个环节都有严格的标准与规范。

INNOVATIVE RESEARCH DEVELOPMENT CENTER

创新型研发中心

We know that support safety is related to life safety and production safety. From research and development to finished products, build a solid safety line with an extremely rigorous attitude, inject peace of mind into every operation, and make safety protection more solid and reliable.

我们深知，支护安全关乎生命安危与生产安稳。从研发到成品，以极致严谨的态度筑牢安全防线，为每一次作业注入安心，让安全防护更扎实、更可靠。

World-class large-scale precision experimental research instruments and equipment provide all-round guarantees for the quality of products leaving the factory. Meanwhile, the company has a research and development team with rich design experience. It adopts advanced computer-aided design software and 3D modeling software to ensure that the products are of the highest quality in every aspect, from design, material selection, processing to quality inspection. Based on cutting-edge instruments and with a professional team at the core, we strictly control every detail to ensure that our products have zero defects.

国际一流的大型精密试验研究仪器设备，对出厂产品品质提供全方位的保证。同时，公司拥有一支丰富设计经验的研发团队，采用先进的计算机辅助设计软件和三维造型软件，保证产品从设计、选材、加工、质检等环节精益求精。以尖端仪器为基，专业团队为核，严控每一处细节，力保产品零缺陷。

CORE PRODUCT MATRIX

核心产品矩阵

Lanyuan Technology has always been customer demand-oriented, providing tailor-made support solutions and products of all specifications and models.

From underground tunnels to surface tunnels, from complex geological conditions to special working conditions, we deeply analyze the support characteristics of each scenario. Through modular design and parametric adjustment, we ensure that the solutions precisely match the engineering scale and safety standards of our clients.

Whether it is a regular model or a customized product, we aim for "zero defect", making every product a solid support for safety.

Whether you are facing complex support requirements in mining, tunnel construction or underground engineering, Lanyuan Technology can provide suitable products and solutions, ensuring the safety of your operations with professionalism and quality.

澜源科技始终以客户需求为导向，提供量身定制的支护解决方案与全规格型号产品。

从井下巷道到地面隧道，从复杂地质到特殊工况，我们深入研判每一处场景的支护特性，通过模块化设计与参数化调整，让方案精准匹配客户的工程尺度与安全标准。

无论是常规型号还是定制化产品，我们都以 “零缺陷” 为目标，让每一件产品都成为支护安全的坚实后盾。

无论您面临的是矿山开采、隧道施工还是地下工程的复杂支护需求，澜源科技都能提供适配的产品与方案，用专业与品质为您的作业安全保驾护航。

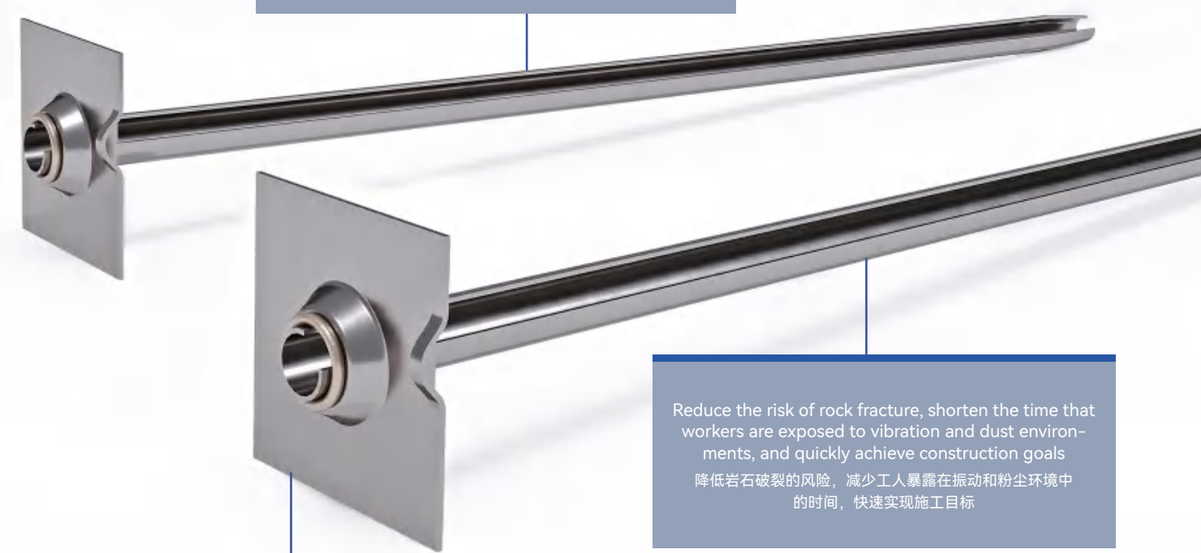
FRICTION BOLT
管缝锚杆

A support system that reinforces rock masses through friction, the product is mainly applied in geotechnical engineering, mine support, tunnel excavation and various underground engineering fields.

一种依靠摩擦作用实现岩体加固的支护系统，产品主要应用于岩土工程、矿山支护、隧道掘进及各类地下工程领域。

In tunnel excavation or emergency rescue projects, it can immediately provide support force, control the deformation of surrounding rock, and has a strong anchoring effect

在隧道开挖或抢险工程中，能立即提供支护力，控制围岩变形，锚固效果强



Reduce the risk of rock fracture, shorten the time that workers are exposed to vibration and dust environments, and quickly achieve construction goals

降低岩石破裂的风险，减少工人暴露在振动和粉尘环境中的时间，快速实现施工目标

It has extremely strong shear resistance and load-bearing capacity

具有极强的抗剪性及承载力

Diameter 直径	Yield strength 屈服强度	Tensile strength 抗拉强度	Breaking force 杆体破断力	Thickness 厚度	Length 长度
ϕ49	≥350MPa	≥430MPa	≥165KN	2~3mm	1200~2400mm
ϕ48	≥350MPa	≥430MPa	≥165KN	2~3mm	1200~2400mm
ϕ47	≥350MPa	≥430MPa	≥165KN	2~3mm	1200~2400mm
ϕ46	≥350MPa	≥430MPa	≥165KN	2~3mm	1200~2400mm
ϕ45	≥350MPa	≥430MPa	≥165KN	2~3mm	1200~2400mm
ϕ44	≥350MPa	≥430MPa	≥165KN	2~3mm	1200~2400mm
ϕ43	≥350MPa	≥430MPa	≥165KN	2~3mm	1200~2400mm
ϕ42	≥350MPa	≥430MPa	≥165KN	2~3mm	1200~2400mm

Diameter 直径	Yield strength 屈服强度	Tensile strength 抗拉强度	Breaking force 杆体破断力	Thickness 厚度	Length 长度
ϕ41	≥350MPa	≥430MPa	≥130KN	2~3mm	1200~2400mm
ϕ40	≥350MPa	≥430MPa	≥130KN	2~3mm	1200~2400mm
ϕ39	≥350MPa	≥430MPa	≥130KN	2~3mm	1200~2400mm
ϕ38	≥350MPa	≥430MPa	≥130KN	2~3mm	1200~2400mm
ϕ37	≥350MPa	≥430MPa	≥130KN	2~3mm	1200~2400mm
ϕ36	≥350MPa	≥430MPa	≥130KN	2~3mm	1200~2400mm
ϕ35	≥350MPa	≥430MPa	≥100KN	2~3mm	1200~2400mm
ϕ34	≥350MPa	≥430MPa	≥100KN	2~3mm	1200~2400mm
ϕ33	≥350MPa	≥430MPa	≥100KN	2~3mm	1200~2400mm

EXPANDABLE ROCK BOLT
水力膨胀式锚杆

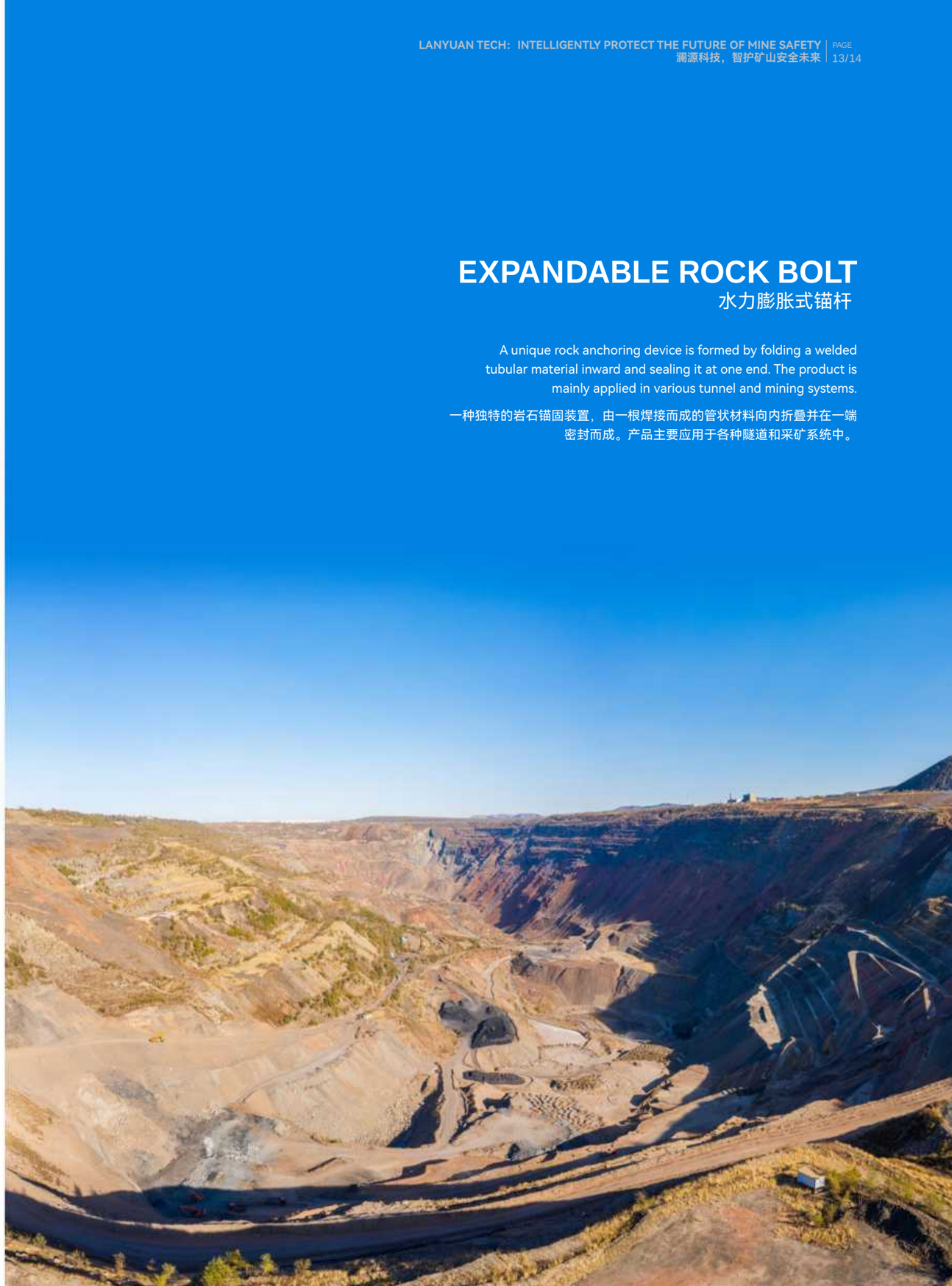
A unique rock anchoring device is formed by folding a welded tubular material inward and sealing it at one end. The product is mainly applied in various tunnel and mining systems.

一种独特的岩石锚固装置，由一根焊接而成的管状材料向内折叠并在一端密封而成。产品主要应用于各种隧道和采矿系统中。

Typical anchoring components in tunnel construction
It has the ability to withstand high deformation loads and good deformation
隧道施工中的典型锚固元件，
具有承受高变形载荷和良好变形的能力

Expandable rock bolt can be used as grid anchor rods to support tunnel excavation work
可将水力膨胀式锚杆用作网格锚杆以支撑隧道挖掘工作

Model 型号	Diameter 直径	Yield strength 屈服强度	Tensile strength 抗拉强度	Breaking force 杆体破断力	Elongation 伸长率	Thickness 材料厚度	Diameter of circular pipe 圆管直径	Expansion pressure 膨胀压力	Length 长度
Pm12	28mm	≥380MPa	≥450MPa	≥120KN	≥10%	2mm	41mm	300Bar	900~2400mm
Pm16	36.5mm	≥380MPa	≥450MPa	≥160KN	≥10%	2mm	54mm	240Bar	900~2400mm
Pm24	37mm	≥380MPa	≥450MPa	≥240KN	≥10%	3mm	54mm	300Bar	900~2400mm
Mn12	28mm	≥380MPa	≥450MPa	≥110KN	≥20%	2mm	41mm	300Bar	900~2400mm
Mn16	36mm	≥380MPa	≥450MPa	≥150KN	≥20%	2mm	54mm	240Bar	900~2400mm
Mn24	37mm	≥380MPa	≥450MPa	≥220KN	≥20%	3mm	54mm	300Bar	900~2400mm



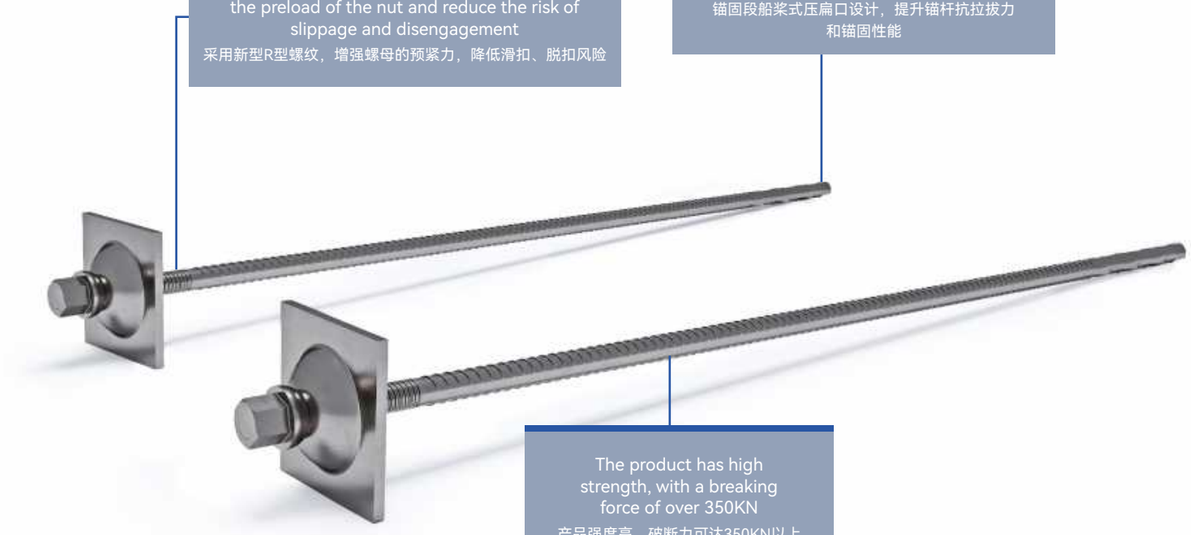
PADDLE BOLT
船桨锚杆

An efficient anchoring system designed for complex roadway conditions, the product is mainly applied in fields such as rock burst roadways, soft rock roadways, roadways with broken surrounding rock, and roadways with easily collapsed holes along the air.

一种针对复杂巷道条件设计的高效锚固系统，产品主要应用于冲击地压巷道、软岩巷道、破碎围岩巷道、沿空易塌孔巷道等领域。

The new R-type thread is adopted to enhance the preload of the nut and reduce the risk of slippage and disengagement
采用新型R型螺纹，增强螺母的预紧力，降低滑扣、脱扣风险

The paddle shaped flattened mouth design in the anchoring section enhances the tensile strength and anchoring performance of the anchor bolt
锚固段船桨式压扁口设计，提升锚杆抗拉拔力和锚固性能



The product has high strength, with a breaking force of over 350KN
产品强度高，破断力可达350KN以上

Diameter 直径	Material 材质	Tensile strength 抗拉强度	Breaking force 杆体破断力	Length 长度	Torque value 扭力值
ϕ18	MG500	≥650MPa	≥165KN	1200~3000mm	130-190N.m
ϕ20	MG500	≥650MPa	≥204KN	1200~3000mm	130-190N.m
ϕ22	MG500	≥680MPa	≥240KN	1200~3000mm	130-190N.m
ϕ25	MG500	≥710MPa	≥330KN	1200~3000mm	130-190N.m

COAL BOLT
煤炭锚杆

A high-strength method for active reinforcement of roadway support systems and surrounding rocks, with the threaded ends of anchor rods treated by special processes, featuring excellent bending and shear resistance. The product is mainly applied in the support of high ground pressure mines, roadways, railways, hydropower and other projects.

一种巷道支护系统和围岩主动加固的高强度方式，锚杆螺纹端经特殊工艺处理，具备良好的抗弯和抗剪性能，产品主要应用于高地压矿井、巷道、铁路、水电等工程支护。

Low support cost, improved utilization rate of roadway sections, and enhanced minning efficiency
支护成本低，提高巷道断面利用率，提升矿井效益

Actively reinforce the surrounding rock to maintain its integrity and stability to the greatest extent and improve the support conditions
主动加固围岩，最大限度保持围岩的完整性与稳定性，改善支护状况

Diameter 直径	Material 材质	Tensile strength 抗拉强度	Breaking force 杆体破断力	Length 长度	Torque value 扭力值
ϕ22	MG600	≥840MPa	≥300KN	1200~3000mm	160-210N.m
ϕ20	MG600	≥800MPa	≥250KN	1200~3000mm	160-210N.m
ϕ22	MG335	≥450MPa	≥160KN	1200~3000mm	130-175N.m

COMBINED BOLT
组合式锚杆

An innovative support product integrating high-strength bolts, adjustable trays and highly efficient anchoring components. The anchoring depth and the strength of the rod body can be adjusted according to geological conditions, and different specifications of trays can be matched to cope with complex force scenarios. The products are mainly applied in fields such as underground mine roadways, tunnel construction, underground pipe galleries and deep foundation pit engineering.

一种集高强度杆体、可调节托盘与高效锚固组件于一体的创新支护产品。可根据地质条件调整锚固深度与杆体强度，搭配不同规格托盘应对复杂受力场景。产品主要应用于矿山井下巷道、隧道施工、地下管廊与深基坑工程等领域。

The dual guarantee of the pole body and the anchoring agent significantly reduces the risk of support failure, providing a solid support for the long-term stability of various projects
杆体与锚固剂双重保障，大幅降低支护失效风险，为各类工程的长期稳定提供坚实支撑

It has high adaptability. A single system can be adapted to more than five geological conditions through component replacement
适应性高，单套系统可通过组件替换适配5种以上地质条件

It has strong load-bearing capacity, and the combined structure disperses stress more evenly. The uplift resistance is over 30% higher than that of traditional anchor rods
承载力强，组合结构分散应力更均匀，抗拔力较传统锚杆提30%以上

The installation is highly efficient. The pre-assembly design of components shortens the on-site operation time and reduces the construction difficulty
安装高效，组件预装配设计缩短现场作业时间，降低施工难度

Diameter 直径	Material 材质	Tensile strength 抗拉强度	Breaking force 杆体破断力	Length 长度
ϕ22	MG600	≥840MPa	≥300KN	200~3000mm
ϕ20	MG600	≥800MPa	≥250KN	1200~3000mm
ϕ22	MG335	≥450MPa	≥160KN	1200~3000mm
Diameter 直径	**Yield strength 屈服强度**	**Tensile strength 抗拉强度**	**Breaking force 杆体破断力**	**Length 厚度**
ϕ48	≥350MPa	≥430MPa	≥165KN	2~3mm
ϕ47	≥350MPa	≥430MPa	≥165KN	2~3mm
ϕ46	≥350MPa	≥430MPa	≥165KN	2~3mm

COMBI PLATE
组合式托盘

A combined support component that integrates a single-ear plate with a W-shaped steel strip in an integrated design provides stable and long-lasting support effects for scenarios such as mine roadways and tunnel engineering, with a long product life cycle.

一种将单耳托盘与W型钢带一体化设计形成的组合式支护构件，为矿山巷道、隧道工程等场景提供稳定且持久的支护效果，产品生命周期长。

It has wide adaptability and is compatible with various specifications of anchor bolt. It can be applied to different scenarios such as mine roadways and tunnel engineering without additional adjustments

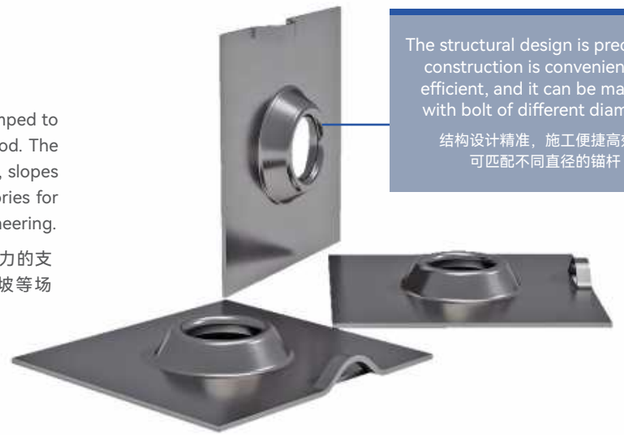
适配性广泛，兼容多种规格锚杆，无需额外调整即可应用于矿山巷道、隧道工程等不同场景

Overall dimensions 外形尺寸	Thickness of steel strip 钢带板厚	Yield strength 屈服强度	Tensile strength 抗拉强度	Plate size 托盘尺寸	Plate thickness 板厚	Palte bearing capacity 托盘承载力
280x300mm	2mm	≥380MPa	≥450MPa	150x150	4mm	≥120KN

DOME PLATE
单耳托盘

A support member made of steel plate stamped to disperse stress at the end of the anchor rod. The products are mainly used in mines, tunnels, slopes and other scenarios, and are a key accessories for economical and efficient geotechnical engineering.

一种由钢板冲压而成，用来分散锚杆端部应力的支护构件。产品主要应用于矿山、隧道、边坡等场景，是岩土工程中经济高效的关键配件。



The structural design is precise, the construction is convenient and efficient, and it can be matched with bolt of different diameters

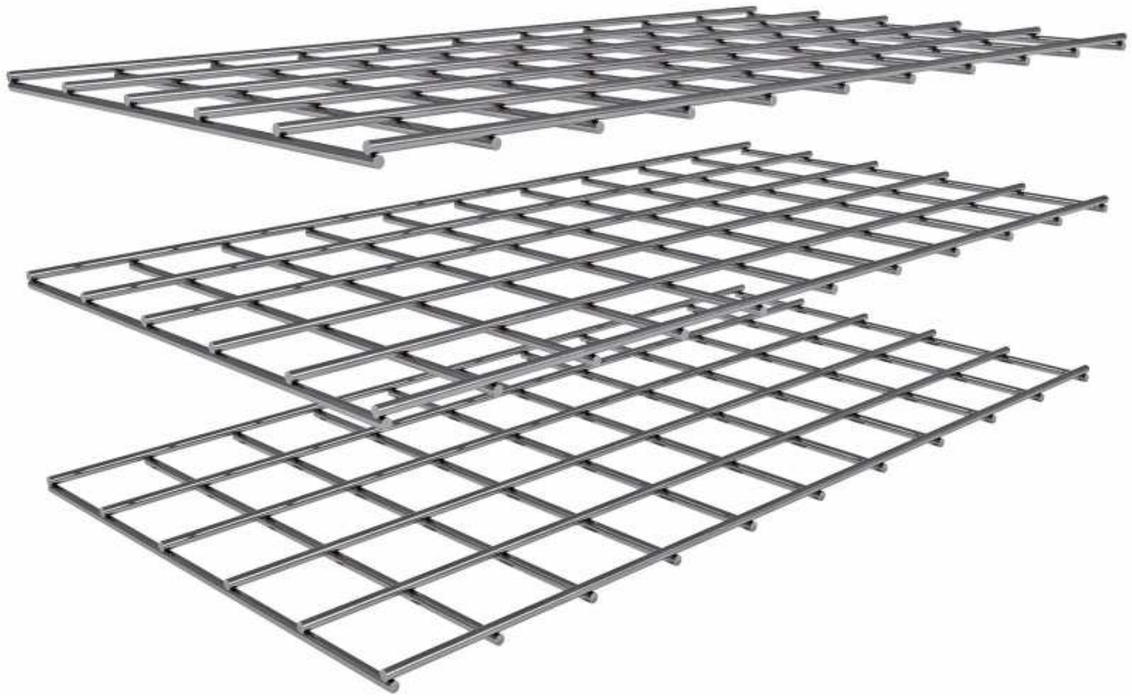
结构设计精准，施工便捷高效，可匹配不同直径的锚杆

Overall dimensions 外形尺寸	Plate thickness 板厚	Total height 总高	Yield strength 屈服强度	Tensile strength 抗拉强度	Plate bearing capacity 托盘承载力
200x200mm	4mm	22.5mm	240-370MPa	340-380MPa	≥150KN
200x200mm	5mm	33mm	240-370MPa	360-400MPa	≥170KN
200x200mm	10mm	33mm	240-370MPa	420-500MPa	≥220KN
150x150mm	4mm	22.5mm	240-370MPa	340-380MPa	≥120KN
150x150mm	4mm	26mm	240-370MPa	340-380MPa	≥120KN
150x150mm	4mm	26mm	240-370MPa	340-380MPa	≥120KN

WIRE MESH
金属网片

A wire mesh structure product used in support engineering, made by spot welding or weaving processes, features a flat mesh with high strength, high-frequency welding, and is not prone to cracking. It can withstand considerable external forces. The product is mainly applied in scenarios such as mine tunnel support, artificial false roof protection, temporary support, and emergency reinforcement.

一种支护工程中使用的金属网状结构产品，经点焊或编织工艺制成，网片平整、强度高，高频焊接、不易开裂，能承受较大外力，产品主要应用于矿山巷道支护、人工假顶防护、临时支护与抢险加固等场景。



Material 材质	Wire diameter 丝径	Apture 网孔	Length 长度	Width 宽度	Tensile strength 抗拉强度	Shearing strength 抗剪力
Q195B Q235B HPB300 Galvanized wire	ϕ 4.0mm	80mm/90mm/100mm or others size	Customizable	≤2.5m	≥550MPa	≥2.1KN
	ϕ 5.0mm			≤2.5m	≥550MPa	≥3.2KN
	ϕ 5.5mm			≤2.5m	≥550MPa	≥3.9KN
	ϕ 6mm			≤2.5m	≥550MPa	≥4.6KN

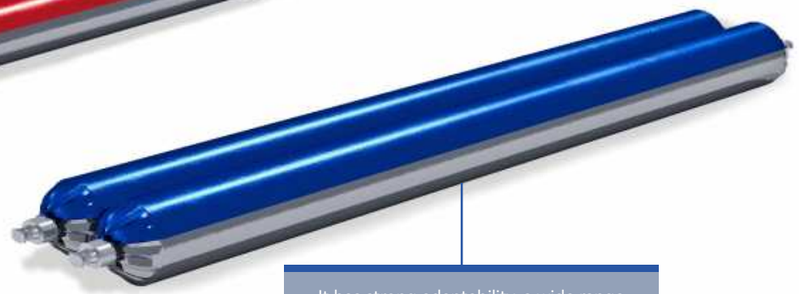
RESIN CAPSULE
树脂锚固剂

A type of adhesive material that achieves rapid curing through chemical reactions. When used in conjunction with anchor bolts, the product is mainly applied in fields such as shaft support, parallel tube installation, hydro-power projects, and tunnel construction. It is the best anchoring material in modern anchoring engineering.

一种通过化学反应实现快速固化的粘合材料，在与锚杆配合使用时，产品主要应用于竖井支护、并筒安装、水电工程和隧道建设等领域。它是现代锚固工程中最佳的锚固材料。

Our products are diverse and can be customized according to engineering requirements
产品多样化，可根据工程需求定制化生产

It features high anchoring strength, excellent durability and long-term stability
锚固强度高，耐久性与长期稳定性优异



It has strong adaptability, a wide range of bonding objects, and can fully meet diverse engineering needs
适应性强，粘接对象广泛，
满足多样工程需求

Model 型号	Type 类型	Diameter 直径	Length 长度	Gel time 凝胶时间	Compressive strength 抗压强度
MSCKa	Ultra-fast a 超快速a	ϕ23、ϕ25、ϕ28、ϕ30	≤2000mm	8-25s	≥60MPa
MSCKb	Ultra-fast b 超快速b			26-40s	
MSK	Fast 快速			41-90s	
MSZ	Medium speed 中速			91-180s	

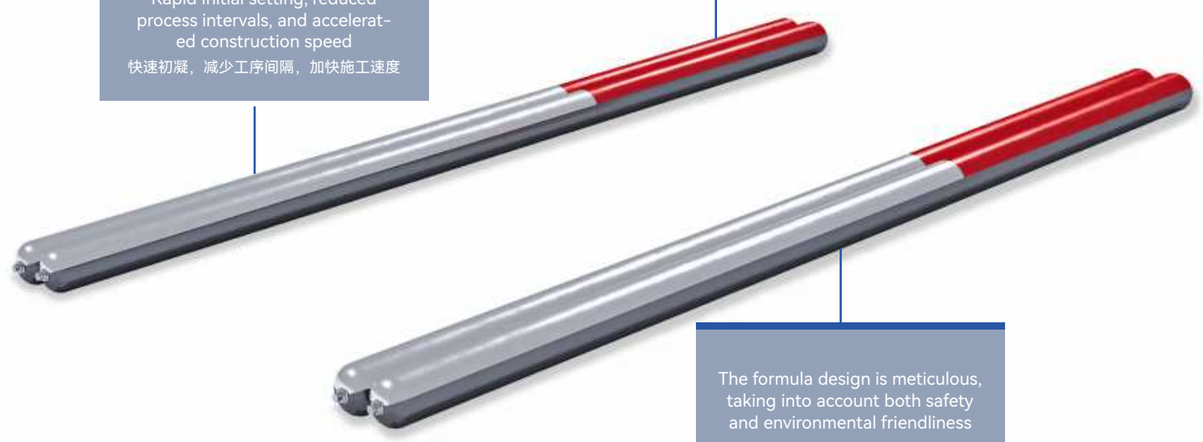
DUAL-SPEED RESIN CAPSULE
双速锚固剂

A curing agent with two gel rates can meet the differentiated requirements for the gel time of resin capsule. The products are mainly applied in fields such as mines, tunnels, railways, highways, and civil air defense projects.

一种采用两种凝胶速度的固化剂，可满足锚固剂凝胶时间的差异化需求。产品主要应用于矿井、隧道、铁路、公路、人防工程等领域。

The construction operation is convenient, reducing human errors and saving auxiliary costs
施工操作方便，减少人为误差，节省辅助成本

Rapid initial setting, reduced process intervals, and accelerat-ed construction speed
快速初凝，减少工序间隔，加快施工速度



The formula design is meticulous, taking into account both safety and environmental friendliness
配方设计精细，兼顾安全性与环保性

Model 型号	Type 类型	Diameter 直径	Length 长度	Gel time 凝胶时间	Color 颜色	Compressive strength 抗压强度
MSCKa/MSK	Ultra-fast a and fast 超快a与快速	ϕ23、ϕ25、ϕ28、ϕ30	350（黄Yellow）/600（蓝Blue） 350（黄Yellow）/1200（蓝Blue） 350（红Red）/600（蓝Blue） 350（红Red）/1200（蓝Blue） 350（红Red）/600（白White） 350（红Red）/1200（白White） 350（蓝Blue）/600（白White） 350（蓝Blue）/1200（白White）	8-25s/41-90s	Yellow and Blue 黄与蓝	≥60MPa
MSCKb/MSK	Ultra-fast b and fast 超快b与快速			26-40s/41-90s	Red and Blue 红与蓝	
MSCKb/MSZ	Ultra-fast b and medium speed 超快b与中速			26-40s/91-180s	Red and White 红与白	
MSK/MSZ	Fast and medium speed 快速与中速			41-90s/91-180s	Blue and White 蓝与白	

SUPPORT SOLUTION
守护者解决方案

Between the heavens and the earth, the light of science and technology weaves a net of support for safety.

As the trajectory of human civilization extends deep into the earth's surface and explores the ocean's hinterland, we, with the wisdom of our global integrated support solutions, transform geodynamics into a shield to safeguard life. In the modern wonders of steel-reinforced concrete construction, we endow the alleys/tunnels with breathing and perception - allowing the pulsation of every inch of rock strata to be captured by the intelligent network, and making every breath of the geology the rhythm of the safety system.

天地经纬间，以科技之光织就支护安全之网。

当人类文明的轨迹向地表深处延伸、向海洋腹地探索，我们以全球支护一体化解决方案的智慧，将大地力学转化为守护生命的盾牌。在钢骨混凝土构筑的现代奇迹中，我们赋予巷/隧道以呼吸与感知——让每一寸岩层的脉动被智能网络捕获，让每一次地质的呼吸成为安全体系的韵律。

MINING SUPPORT
矿业支护

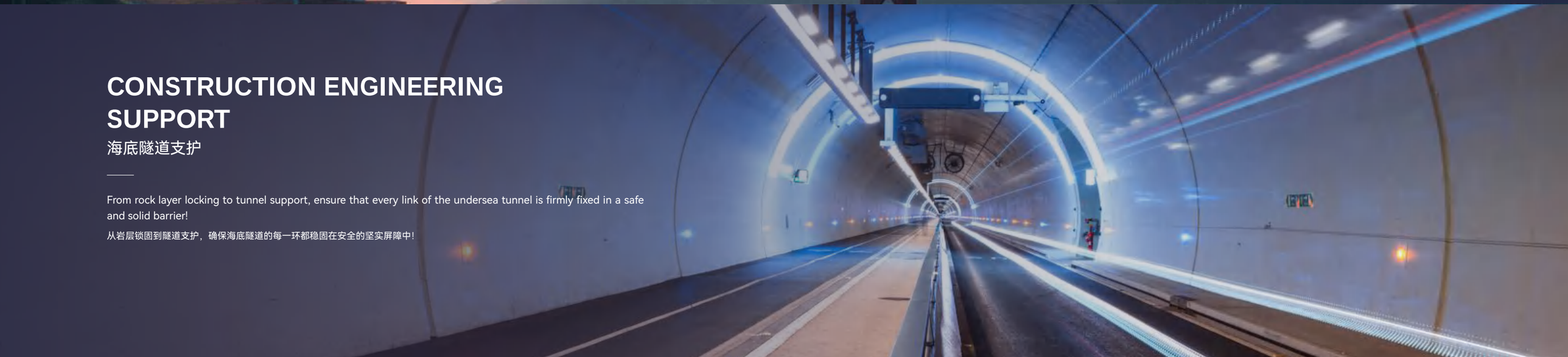
From rock layer anchoring to roadway support, ensure that every inch of the mine roadway stands firm on the strong backbone of safety!

从岩层锚固到巷道支护，确保矿山巷道的每一寸都挺立在安全的坚强脊梁上！

CONSTRUCTION ENGINEERING SUPPORT
建筑工程支护

From foundation reinforcement to main structure support, ensure that every part of the construction project stands firm on a safe and solid foundation!

从地基加固到主体支撑，确保建筑工程的每一处都屹立在安全的坚固基石上！



CONSTRUCTION ENGINEERING SUPPORT
海底隧道支护

From rock layer locking to tunnel support, ensure that every link of the undersea tunnel is firmly fixed in a safe and solid barrier!

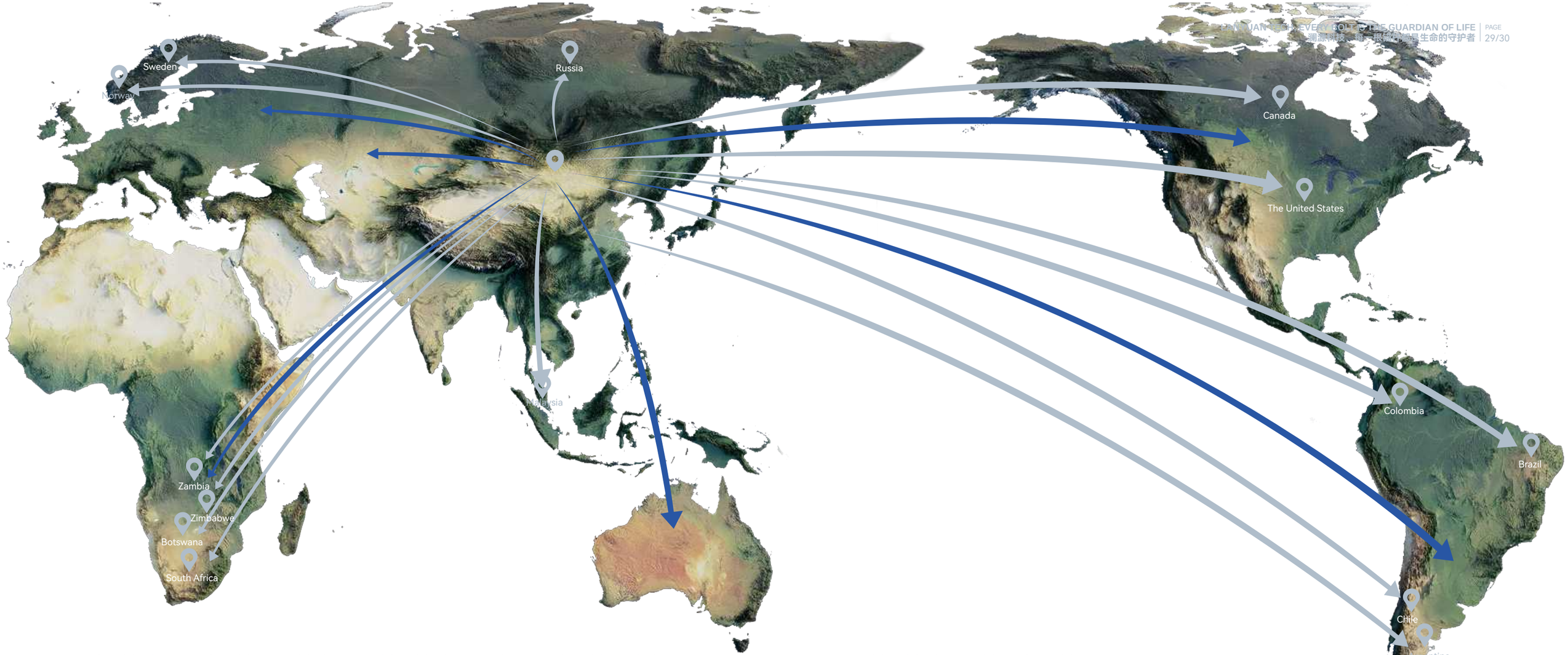
从岩层锁固到隧道支护，确保海底隧道的每一环都稳固在安全的坚实屏障中！

GLOBAL SHIELD NETWORK

全球盾网

When the engineering territory spans continents and the deep sea, we use support technology as a link to build a full-scenario safety shield network covering the ground, underground and ocean around the world. Through a global business layout, supply chain network and an all-weather fulfillment system, we provide all-round services to ensure the continuous expansion of global business. We truly practice the development concept of serving global customers with a global perspective, making every cooperation demonstrate the company's responsibility and commitment to global customers.

当工程疆域跨越大陆与深海，我们以支护科技为纽带，在全球构建起覆盖地上、地下、海洋的全场景安全盾网。通过全球业务布局、供应链网络与全天候履约体系，全方位的服务为全球业务的持续拓展保驾护航，真正践行以全球视野服务全球客户的发展理念，让每一次合作都彰显着企业对全球客户的责任与担当。



GLOBAL BUSINESS LAYOUT
全球业务布局

Six Major Manufacturing Bases And Twelve Overseas Warehouses
6大制造基地、12个海外仓

Southern Africa region, Europe region, South America region, North America region, Central Asia region, Australia region.
南部非洲地区、欧洲地区、南美地区、北美地区、中亚地区、澳洲地区。

Lanyuan Global Business Division
澜源全球业务分部

United States, Canada, Sweden, Norway, Russia, Malaysia, Colombia, Brazil, Chile, Argentina, South Africa, Botswana, Zimbabwe, Zambia, China.
美国、加拿大、瑞典、挪威 、俄罗斯、马来西亚、哥伦比亚、巴西、智利、阿根廷、南非、博茨瓦纳、津巴布韦、赞比亚、中国等。

GLOBAL SMART SUPPLY CHAIN
全球智慧供应链

We take 12 major strategic overseas warehouses as the core nodes, relying on intelligent scheduling systems and smart warehousing management systems, automatic sorting lines achieve sorting accuracy, electronic tag guidance systems shorten the picking path, cloud inventory optimization algorithms improve turnover efficiency, and build an efficient supply chain network covering Southeast Asia, Oceania, Europe, Africa, North America and South America with China as the center.

我们以12大战略海外仓为核心节点，依托智能调度系统与智慧仓储管理系统，自动分拣线实现分拣精准度，电子标签指引系统缩短拣选路径，云端库存优化算法提升周转效率，构建以中国亚洲为中心辐射覆盖东南亚、大洋洲 、 欧洲 、非洲 、北美洲 、南美洲的高效供应链网络。

GLOBAL SERVICE PERFORMANCE
全球服务履约

- Lanyuan Technology builds a global security service system based on a digital platform.
  澜源科技以数字化平台为基，构建全球安全服务体系。
- Intelligent response mechanism: 12 global technology centers provide an intelligent response with 4-hour emergency plan feedback.
  智能响应机制：全球12个技术中心提供4小时应急方案反馈的智能响应。
- Full-process visual management: A digital tracking system from order to installation to keep real-time track of service progress.
  全流程可视化管理：从订单到安装的数字追踪系统，实时掌握服务进展。
- Preventive maintenance network: Based on the active warning of big data centers, we will improve service reliability.
  预防性维护网络：基于大数据中心主动预警，提升服务可靠性。
- International certified engineer team: 50 countries' project delivery experience, 100% compliant construction.
  国际认证工程师团队：50国项目交付经验，100%合规施工。
- Build solid support safety through hard work and win the trust of global customers with reliable contract performance
  以实干筑牢支护安全，以可靠履约赢得全球客户信任。

SUSTAINABLE TECHNOLOGY
可持续安全技术

Starting from the complex environment of global mining and tunnel engineering, we deeply integrate the concept of sustainable development into safety technology research and development, focus on the innovation of long-term safety support technology, and achieve the dual goals of safety and sustainability.

我们以全球矿业与隧道工程的复杂环境为出发点，将可持续发展理念深度融入安全技术研发，聚焦长效安全支护技术的创新，实现安全与可持续的双重目标。

Over the years, through more than 150 patents, our laboratory and fully automated intelligent production lines have been working tirelessly every day to develop new technologies to help enhance your operational safety, cost-effectiveness and efficiency. Our solutions cover the entire process from design to on-site implementation and maintenance of existing support guarantee issues, and track the trends in support development. We are committed to providing quantifiable customer benefits, enhancing security and accelerating productivity throughout the entire process.

多年来，我们通过超过150项专利，每天我们的实验室和全自动智能生产线都在不懈努力，研发新技术，以帮助提高您的运营安全性、成本效益和效率。我们的解决方案涵盖从设计到现场执行及维保现有的支护保障问题，并跟踪支护发展的趋势。我们致力于提供可量化的客户收益，提高安全性，加快生产力全流程处理。

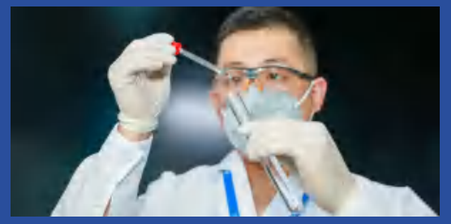
Lanyuan Technology offers innovative and safe support solutions. No matter where customers are located, they can receive full-process services covering technical consultation, solution optimization, after-sales maintenance, etc., ensuring that sustainable safety technologies play an effective role throughout the entire life cycle of the project, and injecting lasting impetus into the safe and green development of global mining and tunnel engineering.

澜源科技提供创新安全的支护解决方案，无论客户身处何地，都能获得涵盖技术咨询、方案优化、售后维护等全流程服务，确保可持续安全技术在工程全生命周期中有效发挥作用，为全球矿业与隧道工程的安全、绿色发展注入持久动力。

Focus On Innovation
聚焦创新

We focus on providing innovative solutions, not just products. The laboratory and smart factory continuously develop new chemical and filler formulas, as well as bolt technologies, to help customers enhance operational safety, cost-effectiveness and efficiency.

我们专注于提供创新解决方案，而不仅仅是产品。实验室与智能工厂持续研发新化学及填料配方、螺栓技术，助力客户提升运营安全、成本效益与效率。



Safety Guarantee
安全保障

At Lanyuan, we prioritize the safety of people and the environment, and act with respect, care and integrity. All our actions start with safety and end with safety, making every place a safe working environment.

在澜源，我们优先考虑人员和环境的安全，以尊重、关怀和诚信的态度行事。我们的一切行动始于安全、终于安全，让每一处场所都成为安全的工作环境。

Sustainable Development
可持续发展

Lanyuan Technology is committed to promoting the productivity and sustainable transformation of the global support industry. We work side by side with our customers to improve our products and services, help enhance competitiveness, and jointly build the future of the mining and construction industries.

澜源科技以推动全球支护行业生产力与可持续转型为使命，与客户并肩作战，精进产品服务，助力提升竞争力，共建采矿与建筑行业的未来。