

PRODUCT CATALOGUE

OEM GROUND SUPPORT PRODUCT FAMILIES

OEM ground support components made to buyer-approved specifications.

Contents

Typical ranges support initial review. Final dimensions, performance, inspection and packing follow the buyer-approved order documents.

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Define the manufactured component

Xianhong reviews manufacturability and manufactures against buyer-approved order documents. The buyer or appointed engineer supplies the required interfaces, geometry, material, performance and acceptance criteria.

1. Approval basis	Drawing number and revision, reference model or approved sample, measurement units and standard edition
2. Product geometry	Core and major diameter, length, thread, hole pattern, aperture, profile and tolerances
3. Material and performance	Steel or strand standard, grade, yield, tensile, load, elongation, coating and service environment
4. Inspection and documents	Acceptance criteria, sampling, material records, tests, dimensional report, marking and packing
5. Commercial supply	Order and annual quantity, destination, delivery sequence, Incoterm, branding and packing

SCOPE BOUNDARY

Typical ranges support RFQ preparation only. The buyer and project engineer remain responsible for product selection, support design, installation and site suitability. Match every order to its approved drawing, performance fields and applicable document scope.

Steel Resin Rock Bolts / Friction Rock Bolts



ROCK-BOLT-SYSTEMS

Steel Resin Rock Bolts

Metric resin-anchored bolts for roof and rib reinforcement, available in project-specific diameters, threads, lengths and steel grades.

Typical range	16 / 18 / 20 / 25 mm core; 1.2-3.0 m
Standard / basis	MT/T 146.2-2011 (certified models); project specifications
Performance to confirm	Yield load/strength; tensile load/strength; elongation; thread load; straightness; tested model boundary
Quotation requirements	Send bolt model, diameter, length, borehole, resin system, plate/nut and certificate requirement for confirmation.



ROCK-BOLT-SYSTEMS

Friction Rock Bolts

Immediate ground support for hard-rock development headings, supplied in multiple actual outside diameters and lengths.

Typical range	34; 39/40/41; 46/47 mm classes; 0.9-3.0 m
Standard / basis	Capability confirmation required
Performance to confirm	Yield/tensile; ultimate bolt load; pull-out test; elongation
Quotation requirements	Confirm actual bolt OD and drilled hole diameter before quotation.

25 mm Threadbar Rock Bolt / 15.2 mm Cable Bolts



ROCK-BOLT-SYSTEMS

25 mm Threadbar Rock Bolt

High-capacity continuous-thread rock bolt for resin or cementitious anchoring in underground mines.

Typical range	25 mm core; 1.8 / 2.1 / 2.4 / 2.7 / 3.0 m
Standard / basis	Typical sizes / project specifications
Performance to confirm	Yield/tensile load; elongation; thread load; shear
Quotation requirements	Share your mine support drawing and required load class.



ROCK-BOLT-SYSTEMS

15.2 mm Cable Bolts

Plain and bulbed seven-wire cable bolts for long-tendon ground reinforcement, supplied cut-to-length or coiled.

Typical range	15.2 mm; plain/bulbed; single/twin; 3-30 m
Standard / basis	Typical sizes / project specifications
Performance to confirm	0.2% proof load; ultimate load; elongation; system/anchorage load
Quotation requirements	Send cable configuration, hole diameter and plate/anchorage requirements.

Welded Mine Mesh / Mining W-Straps



SURFACE

Welded Mine Mesh

Flush-cut welded steel mesh for underground roof, rib and shotcrete reinforcement.

Typical range	5.6/100x100; 4/75x75; 4/100x100 grid references; measurement convention per buyer-approved specification; width up to 2.4 m
Standard / basis	Typical sizes / project specifications
Performance to confirm	Buyer-specified wire/material, weld, coating and dimensional acceptance requirements
Quotation requirements	Send the approved mesh drawing or specification, panel dimensions, wire/grid definition, edge requirements, quantities and any buyer-approved overlap or interface requirements relevant to manufacturing.



SURFACE

Mining W-Straps

Roll-formed steel straps manufactured for buyer-defined roof and rib support configurations.

Typical range	APAC 280/290 mm; EME SP270/SP320; 0.9-7 m
Standard / basis	Typical sizes / project specifications
Performance to confirm	Buyer-specified section load/bending and material requirements; dimensional inspection scope confirmed in the order
Quotation requirements	Upload your strap profile and hole layout for a manufacturability review.

Mining Bearing Plates / Cable Anchorage & Rock Bolt Fasteners



SURFACE

Mining Bearing Plates

Dome, flat and formed plates manufactured for buyer-specified resin-bolt, friction-bolt or cable-bolt interfaces.

Typical range	150x150; 200x200; 300x300; 4-12 mm
Standard / basis	Typical sizes / project specifications
Performance to confirm	Buyer-specified load / deflection requirements - inspection or test scope to be confirmed in the quotation and approved order documents.
Quotation requirements	Provide the buyer-approved bolt/interface reference and any buyer-specified plate-load requirement; inspection or test scope is confirmed in the quotation and order documents.



STRUCTURAL

Cable Anchorage & Rock Bolt Fasteners

Barrels, wedges, nuts, dome balls and washers manufactured for buyer-specified bolt, strand and seating interfaces.

Typical range	15.2 mm barrel/wedge; DIN405; M24x3; M20-M33 options
Standard / basis	Buyer-approved interface / project specifications
Performance to confirm	Buyer-specified anchorage efficiency, slip, hardness, load or nut/thread tensile requirements; inspection or test scope confirmed in quotation and approved order documents.
Quotation requirements	Send the approved mating bolt or strand drawing, dimensions, thread / anchorage interface requirements and applicable specification for manufacturing review.

Custom Ground Support Manufacturing



STRUCTURAL

Custom Ground Support Manufacturing

Build-to-drawing production for diameter, length, thread, hole pattern, material and surface treatment, subject to technical confirmation.

Typical range	Drawing-based project requirements
Standard / basis	Customizable parameters
Performance to confirm	ITP, samples and dimensional report as agreed
Quotation requirements	Send drawings and annual quantity for feasibility review.

Evidence for technical review

01	02	03	04	05	06
Forming	Drilling / punching	Welding	Fastener production	Inspection	Export packing
 Steel Tube Processing Workshop WORKSHOP	 Steel Tube Processing Area WORKSHOP				
 Steel Tube Material Staging Area WORKSHOP	 Steel Wire Processing Workshop WORKSHOP				

Quality controls are defined by order and may cover agreed material, dimensions, holes, threads, surfaces, welds, coating and packing. MA certificates apply only to the named certified models and stated scope.

Send a complete technical enquiry

Product and model	Product family, certified model if required, and application
Dimensions	Diameter, length, thread, borehole, plate, mesh, strap or anchorage interface
Material / standard	Grade, standard edition, performance fields, coating and inspection needs
Commercial	Quantity, annual demand, destination port, delivery target and packaging
Attachments	Buyer-approved drawing revision, reference sample or photo, and inspection specification

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Xianhong supplies manufactured components. The buyer and project engineer retain responsibility for final support design, product selection, installation and site approval.