



Rock drill rod model specification table

How do I find a drill rod size & steel grade?

This Manufacturers Table shows the drill rod sizes and steel grades offered by the leading North American manufacturers. To use this table, find a steel grade in the left column. Read the sizes offered by each manufacturer in the other columns of the same row. An empty cell indicates that the manufacturer does not offer the product.

What size rotary drill rods are available?

Rotary rods are available in any size, length, and wall thickness, and with all thread connections and any custom fl at confi gurations. Due to the vast number of rotary drill rod options, we have listed only a sample of our standard off ering in the table below.

How do I choose the right drill rod size?

Selecting the appropriate drill rod size is crucial for maximizing efficiency and ensuring operational safety. The dimensions must align with the project's unique specifications, such as rock composition, depth requirements, and anticipated drilling conditions.

How to choose the right drill rods for hard rock drilling?

Choosing the right material for drill rods is crucial in hard rock drilling because it directly affects performance under challenging conditions. Steel is the most prevalent material used in drill rods due to its high tensile strength and durability, qualities that make it ideal for withstanding the stresses of hard rock drilling.

What is a drill rod?

Drill rods form a vital component of the drilling apparatus, acting as the bridge between the drill bit and the rig. When chosen appropriately, these rods enhance drilling efficiency significantly, reducing both downtime and equipment wear.

Which drill rods are compatible with other dcdma standard rods?

All rods are compatible with other DCDMA standard rods and available in all standard industry sizes. HWT made from 4130 grade material. HWT casing is the recommended drill rod for PWL coring systems.

Rock drilling tools manufacturer ProDrill manufactures drifting drill rod, drifting drill steel, drifter rod, tunneling rods, rock drill bits and rock drilling tools.

Rock drill rods are special tools that used in mining, construction, geological exploration and other fields by cooperating with rock drills and drill ...

ed and with a protec-tive plate under the cabin. You can also add a reinforced from The use of the rock drill with its unique double dampening system improves productivity and drilling economy. ...



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The drill rod is the part of the rock drill that connects the drill bit and the drill tail. It is responsible for transferring the impact energy to the drill bit, the rotation torque and the ...

Professional manufacturer of premium rock drilling tools SHANDIKE offer Complete Series of percussive drilling tools include extension and tunnelling ...

Boart Longyear has a long history of providing premium Rock Drill and Blast Drilling products for the most demanding conditions. This tradition continues with the introduction of the Robust ...

Our factory was founded in 1958. Is the only enterprise that has a complete process from alloy steel smelting to rock drilling tool production and is one of rock drilling tools standard setters in ...

Discover effective strategies for selecting drill rods in hard rock drilling to enhance efficiency and reduce operational costs. Learn about material selection, optimal rod sizes, and ...

With a new intuitive interface, upgraded software and user-friendly environment, the aim is - as always - to create more productive conditions for rock drilling, and to improve drilling rate and ...

Support your further requirements in production drilling The Simba 1354 with various of rock drill options of COP 1838+, 2550UX+ and ITH kit offers various ranges of hole diameters to meet ...

Designed to withstand extreme mechanical stress and abrasive environments, the R32 drill rod ensures efficient energy transfer from the rock drill to the drill bit, enabling high ...

Finding the optimum ROP for a given rock type, rock condition, bit and model of diamond drill is the goal of the professional diamond driller. Once found, this ideal ROP is maintained by ...

Data shown are typical, and should not be construed as maximum or minimum values for specification or for final design. Data on any particular piece of material may vary from those ...

Tapered Drill Rod Working Principle: Tapered drill rods connect to the drill bit via a taper/angle and drill the rock using both impact and rotational ...

A true development rig The new booms of the Boomer M20 S jumbo drill and a hoseless design. This means less unplanned which will increase productivity and machine utilization planning of ...

Technical specifications A fully-automated drill cycle which drills to desired hole length whilst adding and extracting drill rods automatically. Reduction in waste thanks to angle drilling and ...

Ranger(TM) DX800 is a hydraulic, diesel-powered, self-propelled top hammer drill rig with an ergonomic



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cabin and rod handling system. Typical applications are ...

This includes rigs and all full range of high technology and high quality products, ITH equipment such as button bit, DTH bit, DTH Hammer, wireline series ...

1 = Drill bit 2 = Drill rod/tube 3 = Coupling 4 = Shank adapter 5 = Taper rod, Pilot rod, Pilot adapter, Shank end rod, Guide rod 7 = Integral 79 = COPROD Length in decimeter

TECHNICAL SPECIFICATION Sandvik DT821 is a two-boom electro hydraulic jumbo for fast and accurate drilling in tunneling and cavern excavation. The hydraulic controlled drilling system ...

TECHNICAL SPECIFICATION Sandvik HF820T hydraulic rock drill is designed for drilling 64-127 mm diameter holes. This rock drill belongs to Sandvik hydraulically controlled surface and ...

Hydraulic rod handling system for max hole depth, with 3,6 m (12") extension rods ... Hydraulic rod adding system for max hole depth, with 6,1 m + 4,2 m (20" + 14") extension rods

All the tools include principal parts of the drill overshot assembly, drill rods, holding dog and circle etc. Their advantages are higher penetration, higher core recovery ratio.

At present, the commonly used drill rod specifications at home and abroad are: H19, H22, H25, H28, H32, H35, H38, H45mm hexagonal and D32, D38, D45, D51mm round hollow ...

* Flushing water consumption depends strongly upon hole diameter, bit type, drill rod size and rock hardness. The figures above are typical values for spherical button bits in granite 200 ...

It is loaded with smart features such as automated drilling and rod handling. The extra long feed option with 8 m pipes makes it possible to drill 16 m production ...



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Web: <https://www.kwa-andries.co.za>