



Rock drill anchor injection accessories

What is a geo-drill injection anchor?

The Geo-Drill Injection Anchor system is available with enhanced corrosion protection with hot-dip galvanized/epoxy coated bars and components. Installation adapters for the Geo-Drill Injection Anchors are available for all drill rigs.

What is the Williams Geo-drill injection anchor system?

The Williams Geo-Drill Injection Anchor System is today's solution for a fast and efficient anchoring system into virtually any type of soil.

What is a self-drilling anchoring system?

The system has historically been known as a "self-drilling anchoring" because the hollow fully-threaded bar serves as both the drill string and the grouted anchor, thus installation is performed in a single operation. The sacrificial drill bit is threaded onto the end of the Hollow Injection Bar and left in place following drilling.

What is a Normet self drilling anchor?

Normet Self-Drilling Anchors (SDA) are an injectable bolting system that combines support-hole drilling and permanent reinforcement installation into a single product. Normet Self-Drilling Anchors (SDA) are an injectable bolting system that combines support-hole drilling and permanent reinforcement installation into a single product.

How do spile anchors work?

Spiles are continuously drilled and grouted pre-support reinforcement to enable the heading of a tunnel to advance without the risk of falling debris. The anchors can also be used as face stabilization of portals. In general, Williams recommends using the Geo-Drill Injection Anchor System in difficult soils that do not allow for open-hole drilling.

Can a geo drill Anchor be used without a casing?

Williams Geo-Drill Injection Anchors can be used as a choice for pre-tensioned anchors in loose or collapsing soils without the need for a casing. A free length must be installed onto the anchor if the project specifications call for a pretension load to be applied from the bond length.

The self-drilling anchor bar, equipped with a sacrificial drill bit, is rotated and advanced into the ground by the drill rig. As the anchor penetrates the soil or rock, a flushing ...

Technical specification Technical specification Optional equipment Bolting unit/Boom Electrical system o Electric cable Buflex o Split-Set, SS39, SS46, including COP 1028 rock drill o ...

Grout Bonded Anchors Tieback & Tiedown Anchors Strand Anchors Geo-Drill Hollow Injection Anchors



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Spin-Lock Rock Anchors Polyester Resin Anchors ...

The Geo-Drill Injection Anchor system is available with enhanced corrosion protection with hot-dip galvanized/epoxy coated bars and components. Installation adapters for the Geo-Drill Injection ...

R25 Rock bolt is one of the R-thread self-drilling hollow injection anchor bolt; It is composed by hollow anchor bar; anchor nut; anchor plate; anchor ...

The injection bore anchor (1) has a steel tube (2) with a smooth outer surface section (6) and a thread (4,5) at one end. The first threaded section has a bore drive (BA) and an exchangeable ...

In granular soils, Williams Geo-Drill Injection Anchors are often used successfully as a substitution for solid bar soil nails. Pull out capacity is a function of drill ...

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SupAnchor is the largest manufacturer of self drilling anchor system in Asia. SDA is a bolt system combined by bar and accessory for unstable conditions which can be drilled and grouted ...

T30 anchor bolt is one of the T-thread self-drilling hollow injection anchor bolt. As an efficient anchoring method, our self rock bolt is used in complicated, loose and broken geological ...

In granular soils, Williams Geo-Drill Injection Anchors are often used successfully as a substitution for solid bar soil nails. Pull out capacity is a function of drill hole diameter, depth, over burden ...

2.1 Self-Drilling Anchor System The self-drilling anchor (SDA) system consists of a hollow anchor bar, nut, plate, coupler, centralizer and drill bit. It can combine drilling, grouting and anchoring ...

The Magnacore® Self Drilling Anchor is a hollow bar injection-bore micropile that offers an economical solution in situations such as collapsible soils, areas with ...

Grouting & Installation - The hollow core allows for efficient grout injection during drilling, saving time and reducing equipment needs. Compatible with rotary ...

Slope Stabilization Canyon Equipment offers hydraulic and pneumatic rock drilling equipment for slope stabilization projects in remote access and is Heli ...

The universal in concrete and masonry Chemical anchor system VMU Plus consisting of anchor rod VMU-A and injection resin VMU plus for concrete and solid masonry. When setting in ...



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Grout and Rock NZ specialises in all aspects of ground engineering and slope stabilisation including micro piles, earth anchors, slope stabilisation, tie backs, ...

DYWIDAG Rock Bolts are typically formed from solid threadbar systems, using a bar, nut, couplers and plates. The threadbar is used to bond unstable rock to ...

Stainless steel injection anchors can be supplied with a range of accessories, which can be manufactured to meet individual contract requirements. The ...

Elevate your drilling efficiency with professional-grade rock drill accessories. From high-torque adapters to wear-resistant sleeves, these tools are designed to maximize performance in ...

Each rock anchors and rock bolts are eventually grouted on their full length. a number of the additional common uses for rock anchors and bolts are to produce tiebacks for bridges, to ...

Normet offers a complete portfolio of SDA hollow bars, sacrificial drill bits, surface fixtures, couplings, and accessories to suit various geotechnical needs. Both ...

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The T30 T-Thread Self-Drilling Anchor System is made up of eight crucial components: a hollow anchor bolt, drill bits, coupler, nuts, adapter, centralizer, ...

DYWI® Drill Hollow Bar is a fully threaded, self-drilling solution for ground engineering applications, including soil nailing, slope stabilization, micropiling, ...

The bar can be centralized in the drill hole on 10" centers by attaching a steel centralizer in front of the coupling during the drilling operation. Available plain ...

The speed of installation, combined with the ability to grout through the bore of the bar, make them a popular choice for rock bolting in remote locations and challenging drilling conditions.

Accessories Rotary injection adapters to connect between the hammer and the hollow bar, enable grout to be injected into a rotating bar Drill bit adaptor sleeves offer the option of using larger ...



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