

Epiroc SR drill strings

Drill strings for sustainable productivity



Drill strings for multiple applications

The Epiroc SR drill string family are developed for underground rock excavation and surface drilling projects, where there is a demand for high quality of bolting and drifting equipment.

Adapted to the new generation of powerful hydraulic rock drills the Epiroc SR drill string family transmits that power into the rock efficiently and reliably. With a faster rate of advance it lowers the cost per drill meter, boosting productivity and increasing safety and operator focus.

With more material to resist the stresses leading to thread breakage, the Epiroc SR drill

string family has a substantial increase in fatigue strength, with fewer tensile shock waves it reduces the stress in the string for less wear on the rock drill and drill rig components extending the service life.

A stiffer rod means there is less breakage, maintenance can be planned, and productivity optimized with straighter and more accurate holes drilled.

⊕ Main benefits

Easier to uncouple the bit thanks to the intelligent design of the thread system

Easier collaring and straighter holes thanks to a stiffer more rigid drill string

High productivity with easy collaring, straighter holes, and more availability of equipment during the drilling cycle



Straightness and accuracy. Pure perfection.

The conical shape means more quality material at the rod end to prevent breakage with less tendency for deviation when collaring. High quality materials combined with state-of-the-art manufacturing mean drifting equipment ready to hold up to heavy duty drilling cycles with superior product life.



+ Sustainability

The drill string is adapted to a new generation of powerful hydraulic rock drills with a considerably longer rod life and less raw material outtake thanks to the patented design of the conical shaped rope thread that facilitates rapid coupling and uncoupling.



+ Operator in focus

High operator acceptance thanks to easy coupling and uncoupling of the drill bits. Easy uncoupling provides a safer working environment and a happier operator.



+ Improved performance

Designed to reduce tensile shock waves in the drill string, a higher fatigue strength improves resistance and reliability, raising productivity with less wear, better fuel efficiency and sustainable drilling.



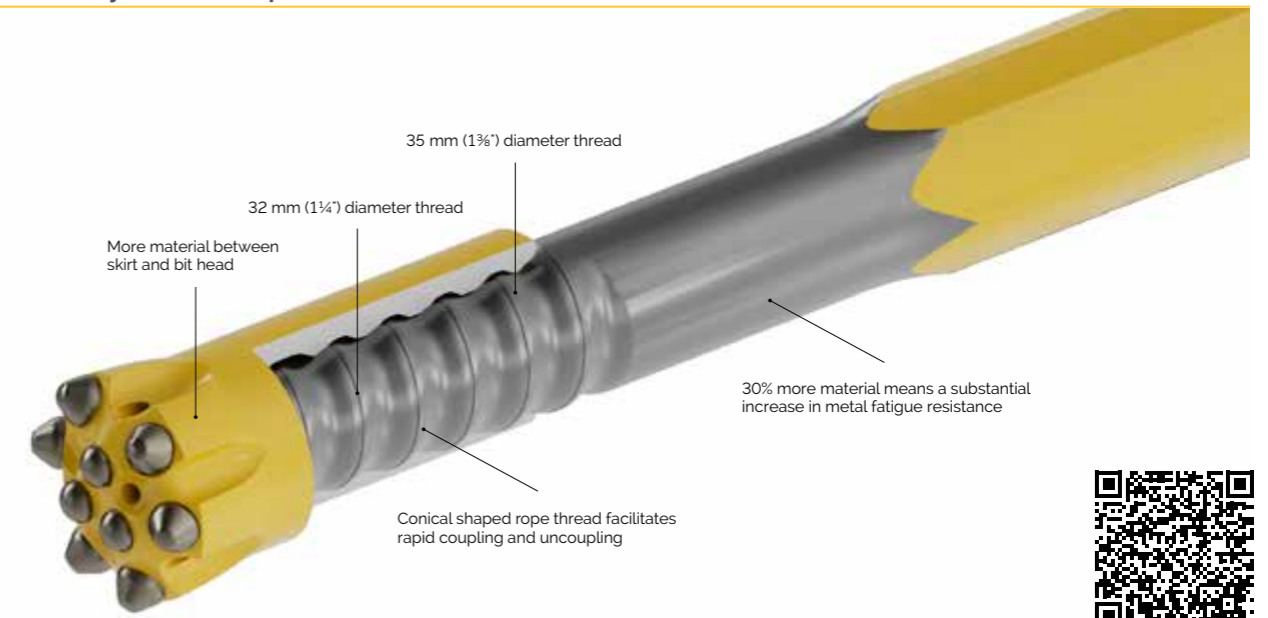
A comprehensive service offering

Even the best equipment needs to be serviced regularly to make sure it sustains peak performance. An Epiroc service solution offers peace of mind, maximizing availability and performance throughout the lifetime of your equipment. We focus on safety, productivity and reliability.

By combining genuine parts and an Epiroc service from our certified technicians, we safeguard your productivity – wherever you are.

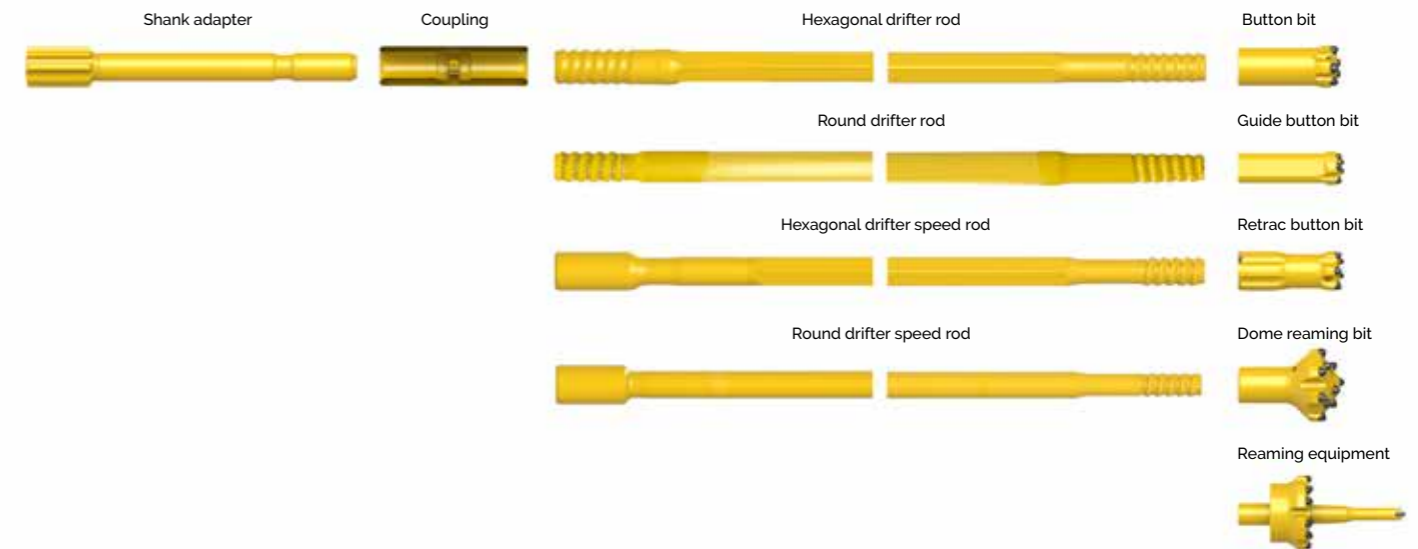
Epiroc SR drill strings – Technical specifications

Epiroc SR thread system – Example below shows SR35



Scan/click to discover more about Epiroc SR drill string family

Example of Epiroc SR drill string



Example of Epiroc SR drill bits

For more drill bits and other technical specifications, see the following pages or visit our rock drilling tool selector.



Please note: that all button bits are manufactured over-sized 0,5-2,5 mm (it depends on the size of bit and buttons), meaning that for example a 45,0 mm bit is at least 45,5 mm as new, or the size of a 140,0 mm new bit can be 141,5 mm to 142,5 mm (it depends on the model and type of bit). This is done because of the fast initial wear on button bits. It is important to consider that the drilled hole could vary in size thanks to drilling conditions, drilling practices and ground formation.

Epiroc SR drill strings – Technical specifications

Epiroc SR22

Main application area	Handheld, small diameter holes
Rock drills*	HRD 100, YT27
Hole diameter	33 mm
Rod length	Hexagonal speed rods from 340 mm - 1220 mm

Epiroc SR25

Main application area	Small diameter holes
Rock drills*	COP 628, COP 1028
Hole diameter	38 mm
Rod length	Hexagonal speed rods from 734 mm - 930 mm

Epiroc SR28

Main application area	Bolting and construction small diameter holes
Rock drills*	COP RR11, COP RR14, COP 628, COP 1638 series, COP 1838 series, COP 1638 series, COP 2238 series, COP MD20
Hole diameter	33 mm - 76 mm
Rod length	Hexagonal drifter rods from 1100 mm - 5530 mm Hexagonal speed rods from 675 mm - 3050 mm

Epiroc SR32

Main application area	Bolting and construction small diameter holes
Rock drills*	COP RR11, COP RR14, COP 1638 series, COP 1838 series, COP 1638 series, COP 2238 series, COP MD20
Hole diameter	38 mm - 76 mm
Rod length	Hexagonal drifter rods from 2400 mm - 4310 mm Round speed rods from 1830 mm - 4310 mm

Epiroc SR35

Main application area	Underground face drilling – Drifting
Rock drills*	COP MD20, COP 1638 series, COP 1838 series, COP 2238 series, COP 2550 series
Hole diameter	41 mm – 127 mm
Rod length	Hexagonal drifter rods from 2000 mm - 5530 mm Hexagonal drifter speed rod 3700 mm Hexagonal speed rods from 915 mm - 4310 mm Round drifter rods from 4310 mm - 6400 mm Round drifter speed rods from 5530 mm - 6400 mm

Epiroc SR38

Main application area	Injection drilling
Rock drills*	COP 1838 series, COP 3080
Hole diameter	48 mm - 102 mm
Rod length	Round speed rods from 1830 mm - 4920 mm

*Only Epiroc rock drills are specified. For other brands see our rock drilling tool selector.

Epiroc SR drill strings – Technical specifications

Epiroc Powerbit X

Main application area	Underground production drilling
Bit diameter	45 mm - 89 mm
Button shape	Spherical
Rock conditions	Hard

Epiroc underground bits

Main application area	Underground production drilling, tunneling
Bit diameter	33 mm - 127 mm
Button shape	Ballistic, spherical and trubbnos
Rock conditions	Hard, medium hard

Epiroc bolting bits

Main application area	Bolting
Bit diameter	33 mm - 48 mm
Button shape	Trubbnos and spherical
Rock conditions	Medium hard

Rock drilling tool selector and configurator

To find all products related to Epiroc SR drill strings, please visit the rock drilling tool selector.

With its easy navigation, the rock drilling tool selector lets the user find the required product, desired attributes and its product number.

The configurator allow users to match rock drilling tools with Epiroc drill rigs.



Scan/click to visit the rock drilling tool selector and configurator



United in performance. Inspired by innovation.

Performance unites us, innovation inspires us, and commitment drives us to keep moving forward. Count on Epiroc to deliver the solutions you need to succeed today and the technology to lead tomorrow.
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