



Bulroc Robit[®]

COMPLETE SELECTION OF DRILLING CONSUMABLES



**Top quality products for
all your applications**

www.robitgroup.com



The widest offering in drilling consumables!

- ▶ Piling
- ▶ Bench Drilling
- ▶ Production Drilling
- ▶ Site Investigation
- ▶ Drifting & Tunnelling
- ▶ Excavation
- ▶ Horizontal Drilling
- ▶ Forepiling
- ▶ Well Drilling
- ▶ Anchoring
- ▶ Micropiling & Underpinning

Robit is a global company having the widest offering in drilling consumables. Robit is selling and servicing customers worldwide in drilling consumables for applications in tunnelling, geothermal heating and cooling, construction and mining industries. The company has nineteen offices across all continents and active sales networks in 115 countries.

Robit's foundation for continued customer satisfaction is set in its sole focus on manufacturing and distributing drilling consumables.

The company's business is divided into Top Hammer, Down-the-Hole and Digital Services business units. Robit's worldwide production facilities include sites in Finland, South Korea, Australia, UK and USA.

Offering the widest range of equipment across all applications, if you can't find what you are looking for, Robit will make it!

In 2016 Robit Plc acquired two companies with the acquisition of Drilling Tools Australia Pty Ltd (DTARobit) and Bulroc UK Ltd (BulrocRobit). Both companies focus on specific applications of Down the Hole (DTH) drilling consumables and thus complete Robit Plc's offering and market presence.

The company is listed in Nasdaq Helsinki Ltd's First North Finland marketplace with trading code ROBIT.

For more information, please visit www.robitegroup.com



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Top hammer and Down the Hole consumables:

- TH bits
- TH rods
- TH shanks
- TH couplings
- TH reaming equipment
- DTH casing systems

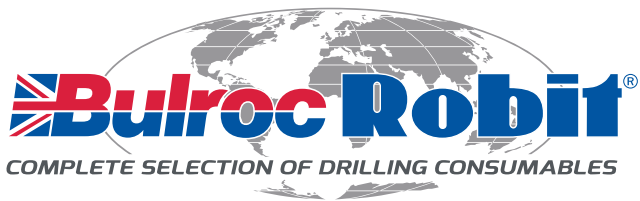
Down the Hole consumables:

- DTH hammers
- RC hammers
- Shock absorbers
- DTH bits
- Eccentric & concentric overburden systems
- Drill tubes
- Accessories

Down the Hole & TH consumables:

- DTH hammers
- DTH bits
- DTH casing advancement systems
- Shock absorbers, subs
- DTH tubes
- Rotary bits
- TH bits
- Accessories





DTH Hammers for all your Rock Drilling needs

Valved Hammers

The companies BR range of hammers are designed for high performance at low operating pressures. Ideal for small diameter drilling where generally only low operating air pressures are available.



Large Diameter Hammers

These hammers have been specifically developed for the construction industry using either, conventional type button bits or, more generally, with Overburden Drilling Systems.

Through technology and innovation BulrocRobit has broadened its product offering leading to further success and expansion in the industry. The company's highly competent workforce is guided by a constructive and forward thinking management team, whose core aim is to carry out a service that exceeds expectation.



Hyper Range & New P-Series Hammers

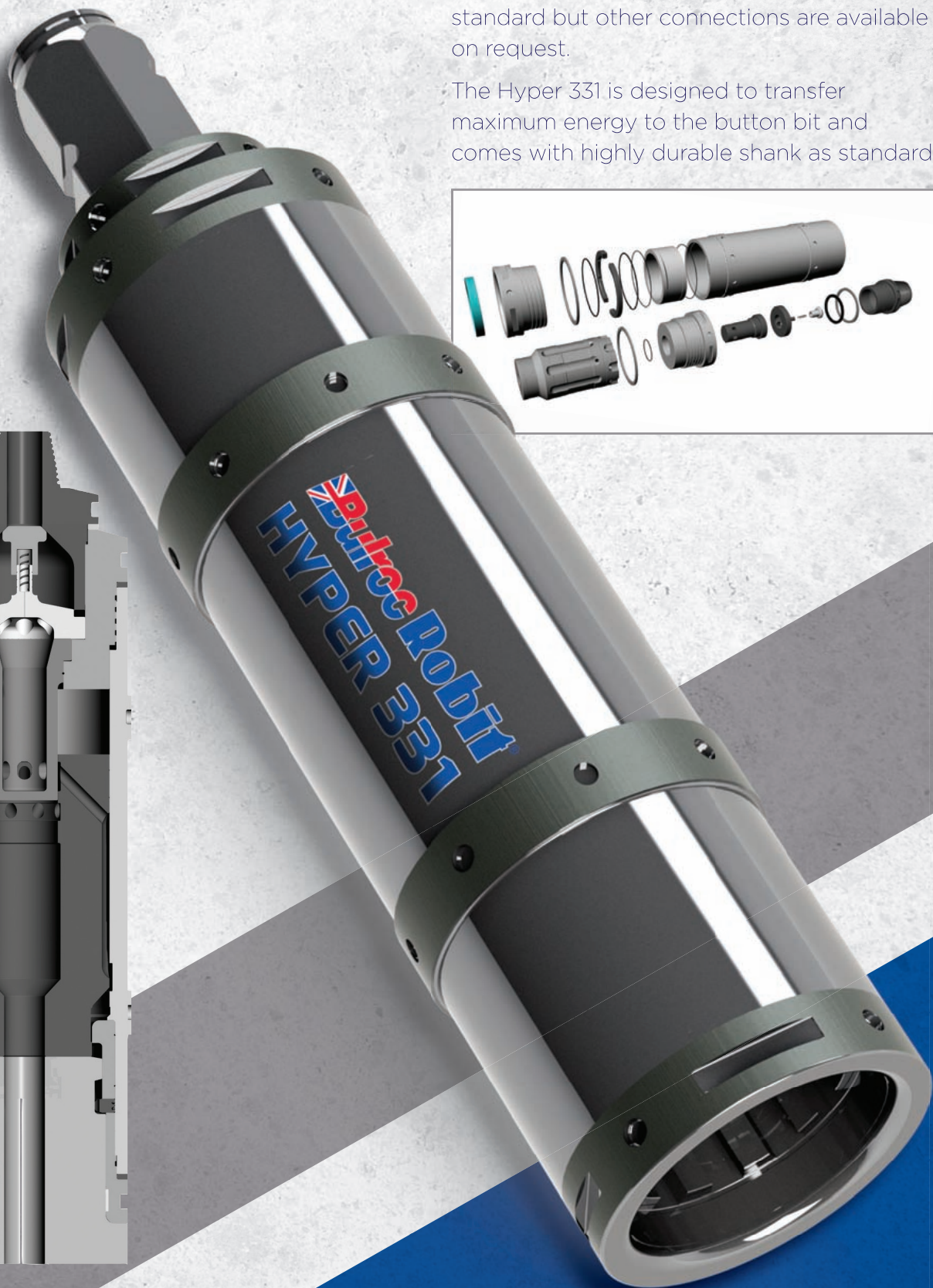
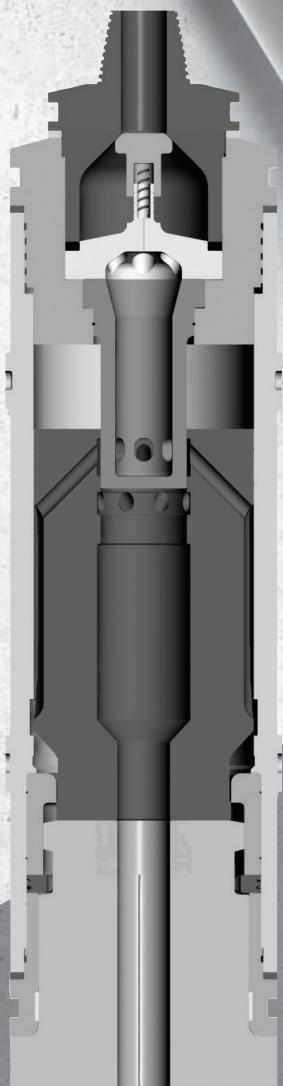
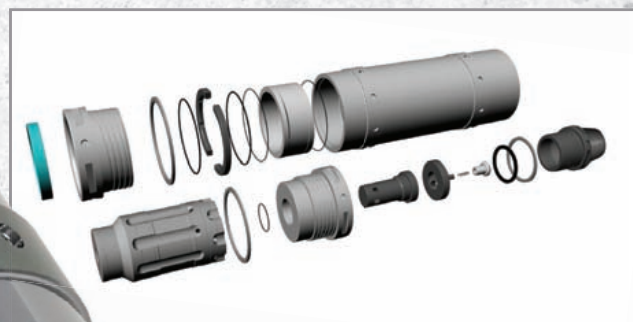
BulrocRobit offers an extensive range of high quality DTH hammers to suit a wide range of drilling applications. From the legendary range of Hyper Hammers to BulrocRobit's new next-generation P-series high pressure hammers, BulrocRobit DTH hammers are a popular solution for demanding drilling applications across the world.



Hyper 331 DTH Hammer

The Hyper 331 DTH hammer is designed for drilling 838 mm (33") - 1320 mm (52") diameter holes over a wide range of operating air pressures. The Hyper 331 is supplied with a 10" BECO Backhead as standard but other connections are available on request.

The Hyper 331 is designed to transfer maximum energy to the button bit and comes with highly durable shank as standard.



HD Shock Absorbers

BulrocRobit's heavy duty range of shock absorbers have been tailored to help protect your overall drill string investment.



Button Bits

BulrocRobit offer a wide range of high quality Down the hole Button Bits suitable for all popular types of DTH hammers. Sizes range from 60mm (2 3/8") all the way through to 1090mm (43") Our bits are usually supplied as standard with Flat Face head design but others such as Convex or Concave are possible on request. We supply Hemispherical buttons as standard with Parabolic being an option depending on the size and type of bit, thus giving the maximum choice for all rock drilling conditions.

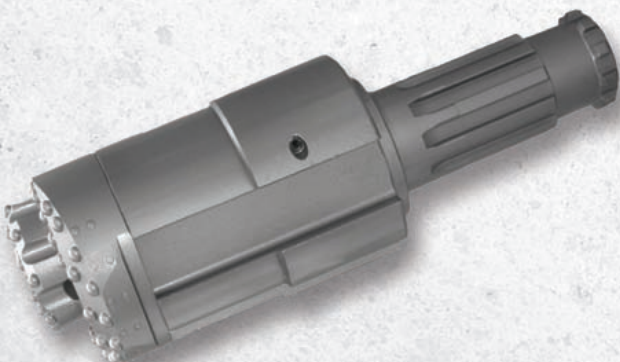


Large Diameter Button Bits

Our high quality UK manufactured button bits are available in sizes right up to 43" (1090mm).

Eccentric Overburden Drilling Systems

BulrocRobit's proven and simple two part ODS system is developed for the continuous casing of small to medium size holes (Casing 114.3mm to 254mm OD). The eccentric bit is locked into the bit holder with a double 'Seloc' pin arrangement and can be removed easily when the bit needs regrinding or replacing. For extended life the system drive shoulder can be rebuilt as detailed in the maintenance and operating manual. These systems are available as standard to suit BulrocRobit DTH hammers however they can also fit most other types of DTH hammer in the market today.



Concentric Overburden Drilling Systems



BulrocRobit's CDS-R system is ideal for casing holes through loose overburden, down and into solid bedrock. It's been designed with ground engineering applications in mind and easily paired with BulrocRobit's range of larger diameter DTH hammers. It's simple to replace cutting ring and segments and the system can help lower overall maintenance costs and even improve hole alignment. With sizes starting at the CDS 235R for use with our Hyper 81 hammer through to the CDS 745R which can be mounted on our Hyper 241 model.

Also in the overburden system range is our patented CDS-RS which shares similar characteristics to the standard CDS-R however uniquely uses BulrocRobit's new air flow system. This system is for use where minimum foundation or sub structure disruption is essential. It's Venturi effect vacuums drilled material away from the front cutting face and diverts the exhaust air back up the hole. This greatly reduces the volume of air that would otherwise pass into the ground where it could cause potential ground stabilization problems.

Drill Tubes

BulrocRobit supplies a wide range of drill tubes, all manufactured from high quality seamless pipe.

Oil Lubricators

Many operators see the lubrication as the 'Life blood' of your DTH hammer so the use of an in-line oil lubricator unit is extremely important to achieve optimum drilling efficiency. BulrocRobit can offer you a wide range of lubricators such as 5L, 10L, 15L and also larger units 34L and 100L capacity with industry standard connections.

Hammer Lubrication Accessories

The BulrocRobit hammer oil known as BulrocRobit T320 is blended to give effective lubrication under demanding conditions. It's available in type grade 30 and 50 depending on the ambient temperature and both in mineral and biodegradable versions.

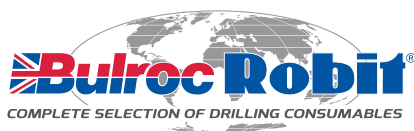
Thread Grease

It's always recommended to use an effective thread compound when making up thread joints on your hammer and drill tubes. BulrocRobit's anti seize grease or 'Copper coat' which a frictional coefficient of 0.15 is specially engineered to withstand high air pressures and temperatures encountered in DTH hammer drilling.



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