

CableLok Barrel

Product code: Various Items

Product specification: Refer to the Table Below

Category: Mining

Introduction

Cable Anchors are commonly used as secondary support systems in underground mining operations. They are designed to stabilize rock masses and enhance safety in areas with challenging ground conditions. The Cable Lok Barrel is a specialized hydraulically tensioned cable anchor bolt, engineered to deliver superior ground support in demanding mining environments, making it ideal for use in poor ground conditions or where large mining spans exist.

Key features

- **Hydraulic Tensioning:** Ensures consistent and controlled load application.
- **Seven-Strand Cable:** Provides flexibility and high tensile strength.
- **Custom Barrel Design:** Enables efficient installation and accurate tensioning.
- **Locking Ring:** Secures the cable at a predetermined load.
- **Mechanical & Resin Compatibility:** Can be installed with expansion shells or resin capsules.
- **Post-Grouting Capability:** Supports pumpable resin or grout for enhanced long-term stability.



Main advantages

- **Ease of Installation:** Designed for quick and simple installation in underground environments.
- **Effective Pre-Tensioning:** Delivers reliable mechanical performance under load.
- **Enhanced Longevity:** Optional post-grouting improves durability and long-term ground support.

Technical specifications

Cable diameter	Typical UTS (System % of UTS cable)	UTS cable	Expansion	Pre-tension (tons)
15.24 mm	90	250 kN	32, 35, 38, 48	5, 10, 15
18 mm	90	350 kN	35, 38, 43, 65	5, 10, 15, 20
18 mm (compact)	90	379 kN	35, 38, 43, 65	5, 10, 15, 20

Technical specifications

Expansion Shell	Minimum hole size	Maximum hole size
32	32.5 mm	38 mm
35	35.5 mm	41 mm
38	38.5 mm	44 mm
43	43.5 mm	49 mm
48	48.5 mm	54 mm
65	65.5 mm	71 mm

Other options

- **Custom Lengths:** Available at various lengths to meet specific site requirements.
- **Optional Accessories:** Grouting pipes and breather tubes for improved application versatility.

Packaging

- Grouting pipes and breather tubes packaged separately or as part of a complete kit.

Safety procedures

Always follow relevant safety guidelines during installation and tensioning.
Request product-specific safety documentation for detailed instructions.

Legal disclaimer

All dimensions, weights, quantities, and specifications are those applicable at the time of this publication and may be amended from time to time. Please contact your local representative for final confirmation of any key specifications.