

Overview

The CableLok Barrel is designed to be used as a hydraulically pre-tensioned anchor bolt. By making use of seven strand cable the bolt is flexible and has high tensile strength. The bolt can be used for intersections or as normal mining bolt.

A specially fabricated barrel makes the installation and tensioning efficient. A purposefully designed ring engages the barrel and the pre-tension tonnage will be achieved accurately, the ring enables the barrel to shear at the specified load and thus locking the cable into place at the predetermined tonnage.

The CableLok Barrel mechanical bolt can be easily and efficiently installed with the correct sized expansion shell. It can then be post grouted if necessary, using pumpable resin or grout. Grouting pipes and breather tubes can be supplied with the CableLok Bolt mechanical anchor. The lengths of the CableLok Barrel ranges from 1.5 [m] to 15 [m] according to customer specifications.



CableLok Barrel Mechanical Anchor

Technical Data					Expansion Shell	Min. Hole Size	Max. Hole Size
Cable Diameter	UTS System	UTS Cable	Expansion Shell Size	Pre-Tension			
[mm]	[% of UTS Cable]	[kN]	[-]	[tons]	[-]	[mm]	[mm]
15.24	96	250	32, 35, 38 & 43	5, 10, 15	32	32.5	38
18	94	350	35, 38, 43 & 65	5, 10, 15, 20	35	35.5	41
18 Compact	98	380	35, 38, 43 & 65	5, 10, 15, 20	38	38.5	44
					43	43.5	49
					48	48.5	54
					65	65.5	71



CableLok Barrel with Chemical Anchor