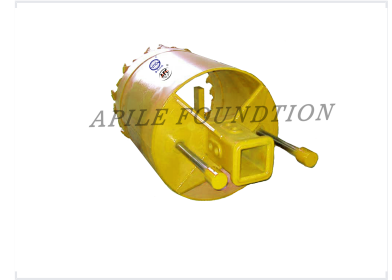


# Rock Core Barrel with Cutting Bits and Core Unloading Piston

This rock core barrel is designed for efficient rock drilling and piling operations. It features durable bits for effective cutting and core extraction, along with an integrated unloading piston for easy core removal.



## Overview

### High-Performance Rock Core Barrels

The CR-TT Core Barrels are engineered for demanding rock drilling and piling operations in construction and geotechnical engineering. These barrels feature a robust construction equipped with durable cutting bits for efficient core extraction and an integrated unloading piston to facilitate easy core removal. Designed to minimize downtime, they offer a versatile solution for various rock drilling applications across a wide range of torque requirements.

## Performance Metrics

Diameter (mm)	Casing Specifications	Cylinder Thickness (mm)	Height (mm)	Weight (kg)	Teeth CR:TT
520	620x540	12	1200	540	8
600	750x670	12	1200	580	9
700	880x800	16	1200	700	10
780	880x800	16	1200	740	12
900	1000x920	16	1200	900	14
1000	1180x1100	16	1200	980	18
1060	1180x1100	16	1200	1050	22
1180	1300x1220	16	1200	1180	24
1380	1500x1400	16	1200	1460	26
1500	1690x1550	16	1000	1650	28
1800	2000x1880	16	1000	1950	32

Technical data for Series A core barrels, suitable for torques up to 12000 KN.m.

### Torque Capacity Range

**12000 KN.m**  
Series A Max Torque

**35000 KN.m**  
Series B Max Torque

## Technical Specifications

### Cylinder Wall Thickness

- 12
- 16
- 20

Diameter Range	520 mm - 2500 mm
Standard Heights	1000 mm, 1200 mm
Operating Weight	540 kg - 3890 kg
Number of Cutting Teeth	8 to 44

## Series B Detailed Data

Diameter (mm)	Casing Specifications	Cyl. Thickness (mm)	Height (mm)	Weight (kg)	Teeth (CR.TT)
520	620/540	16	1200	620	8
600	750/670	16	1200	660	9
700	880/800	16	1200	720	10
760	880/800	16	1200	770	12
900	1000/920	16	1200	1040	14
1000	1180/1100	16	1200	1140	15
1080	1180/1100	20	1200	1230	22
1180	1300/1220	20	1200	1380	24
1280	1500/1420	20	1200	1470	26
1500	1650/1550	20	1200	1880	28
1800	2000/1800	20	1200	2250	32
2000	2200/2080	20	1200	2740	34
2200	2500/2380	20	1000	3180	36
2500	2800/2680	20	1000	3890	44

Technical data for Series B core barrels, designed for high-torque applications up to 35000 KN.m.

### Series B (High Torque) Model Comparison

Diameter (mm)	Casing Specs	Cyl. Thickness (mm)	Weight (kg)	Teeth
520	620/540	16	620	8
900	1000/920	16	1040	14
1500	1650/1550	20	1880	28
2000	2200/2080	20	2740	34
2500	2800/2680	20	3890	44

## Features

### Key Components

- Welded carbide cutting bits
- Integrated core unloading piston
- Reinforced cylinder body
- High-torque compatible drive hub

### Applications

Rock Drilling • Piling Operations • Geotechnical Engineering • Construction