

# Conical Bottom Drilling Buckets

These heavy-duty buckets feature a robust cylindrical body with a reinforced conical bottom for efficient material penetration. They are equipped with a top-mounted lifting mechanism for easy handling and positioning.



## Overview

### High-Performance Conical Bottom Drilling Buckets

These Conical Bottom Buckets are engineered for heavy-duty rock drilling and piling applications, featuring a robust cylindrical body and reinforced conical bottom for superior material penetration. Designed to handle a wide range of operational torques, they provide efficient excavation and material removal in challenging construction environments. The series-based design ensures that professional buyers can select the exact structural strength required for their specific machinery and project demands.

## Series Classification

### Torque Capacity by Series

**12000 kN.m**

Series A Max Torque

**20000 kN.m**

Series B Max Torque

**35000 kN.m**

Series C Max Torque

## Series A Specifications

Specifications	Height(mm)	Cyl.thickness(mm)	Bottom thickness(mm)	N.Teeth	Weight(Kg)
CBB-500A	1200	12	40	4	365
CBB-600A	1200	12	40	6	400
CBB-700A	1200	12	40	6	600
CBB-800A	1200	16	40	6	650
CBB-900A	1200	16	40	8	730
CBB-1000A	1200	16	40	8	980
CBB-1200A	1200	16	50	8	1450
CBB-1500A	1200	16	50	10	1675
CBB-1800A	1200	16	50	12	2150

Series A buckets designed for torques up to 12,000 kN.m, showing the conical base and tooth configuration.

### Series A Model Comparison

Model	Cyl. Thickness (mm)	Bottom Thickness (mm)	Teeth	Weight (kg)
CBB-500A	12	40	4	365
CBB-700A	12	40	6	600
CBB-1000A	16	40	8	980
CBB-1500A	16	50	10	1675
CBB-1800A	16	50	12	2150

## Series B Specifications

Specifications	Height(mm)	Cyl.thickness(mm)	Bottom thickness(mm)	N.Teeth	Weight(Kg)
CBB-500B	1200	16	40	4	440
CBB-600B	1200	16	40	6	486
CBB-700B	1200	16	40	6	698
CBB-800B	1200	16	40	6	950
CBB-900B	1200	16	40	8	730
CBB-1000B	1200	16	40	8	980
CBB-1200B	1200	20	50	8	1607
CBB-1500B	1200	20	50	10	1870
CBB-1800B	1000	20	50	12	2340
CBB-2000B	1000	20	50	14	3611

Series B buckets optimized for mid-range torques between 12,000 and 20,000 kN.m.

## Series B Model Comparison

Model	Height (mm)	Cyl. Thickness (mm)	Teeth	Weight (kg)
CBB-500B	1200	16	4	440
CBB-1000B	1200	16	8	980
CBB-1500B	1200	20	10	1870
CBB-2000B	1000	20	14	3611

## Series C Specifications

Specifications	Height(mm)	Cyl.thickness(mm)	Bottom thickness(mm)	N.Teeth	Weight(Kg)
CBB-500C	1200	20	50	4	580
CBB-600C	1200	20	50	6	690
CBB-700C	1200	20	50	6	890
CBB-800C	1200	20	50	6	1010
CBB-900C	1200	20	50	8	1200
CBB-1000C	1200	20	50	8	1350
CBB-1200C	1200	25	50	8	1910
CBB-1500C	1200	25	50	10	2700
CBB-1800C	1200	25	50	12	3570
CBB-2000C	1200	25	50	14	4290
CBB-2500C	1200	25	50	16	4970
CBB-3000C	1200	25	50	20	5690
CBB-3500C	1200	25	60	26	6780
CBB-3800C	1200	25	60	30	7980

Heavy-duty Series C buckets for high-torque applications up to 35,000 kN.m.

## Series C Model Comparison

Model	Cyl. Thickness (mm)	Bottom Thickness (mm)	Teeth	Weight (kg)
CBB-1000C	20	50	8	1350
CBB-1500C	25	50	10	2700
CBB-2000C	25	50	14	4290
CBB-2500C	25	50	20	5690
CBB-3500C	25	60	30	7980

## Technical Features

### Key Components

- Reinforced conical bottom for rock penetration
- Heavy-duty cylindrical body with variable thickness
- Top-mounted lifting mechanism for handling
- High-strength cutting teeth (up to 30 per unit)
- Optimized for high-torque rotary drilling rigs

### Applications

Rock Drilling, Piling Operations, Excavation, Construction, Foundation Engineering