

Flat Bottom Drilling Bucket

Flat bottom buckets are designed for various construction and drilling applications. They feature a consistent height of 1200mm across all models, with varying cylinder and bottom thicknesses, and number of teeth influencing digging capabilities.



Overview

Flat Bottom Drilling Buckets

These flat bottom drilling buckets are engineered for high-efficiency rock drilling and piling operations. They are categorized into three distinct series—A, B, and C—based on torque capacity, allowing for precise selection based on project requirements ranging from 12,000 KN.m up to 35,000 KN.m. Built with reinforced structures and varying tooth counts, these tools are designed to handle diverse soil and rock conditions in construction and foundation engineering.

Series Specifications

Spec. Series	Height (mm)	Cyl. Thickness (mm)	Bottom Thickness (mm)	Teeth	Weight (kg)
FBB-500A	1200	12	40	4	365
FBB-600A	1200	12	40	6	400
FBB-700A	1200	12	40	6	600
FBB-800A	1200	16	40	6	650
FBB-900A	1200	16	40	8	730
FBB-1000A	1200	16	40	8	980
FBB-1200A	1200	16	50	8	1450
FBB-1500A	1200	16	50	10	1675
FBB-1800A	1200	16	50	12	2150

Series A specifications chart for torques up to 12000 KN.m

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

Series B specifications chart for torques between 12000 and 20000 KN.m

Spec. Series	Height (mm)	Cyl. Thickness (mm)	Bottom Thickness (mm)	Teeth	Weight (kg)
FBB-500C	1200	20	50	4	580
FBB-600C	1200	20	50	6	690
FBB-700C	1200	20	50	6	850
FBB-800C	1200	20	50	6	1010
FBB-900C	1200	20	50	8	1230
FBB-1000C	1200	20	50	8	1350
FBB-1200C	1200	25	50	8	1910
FBB-1500C	1200	25	50	10	2700
FBB-1800C	1200	25	50	12	3570
FBB-2000C	1200	25	50	14	4290
FBB-2200C	1200	25	50	16	4970
FBB-2500C	1200	25	50	20	5690
FBB-3000C	1200	25	60	26	6780
FBB-3500C	1200	25	60	30	7980

Series C specifications chart for torques between 20000 and 35000 KN.m

Series A (Up to 12000 KN.m)

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

Series B (12000-20000 KN.m)

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

Series C (20000-35000 KN.m)

Model	Height (mm)	Cyl. Thickness (mm)	Bottom Thickness	Teeth	Weight (kg)
FBB-500C	1200	20	50	4	580
FBB-600C	1200	20	50	6	690
FBB-700C	1200	20	50	6	850
FBB-800C	1200	20	50	6	1010
FBB-900C	1200	20	50	8	1230
FBB-1000C	1200	20	50	8	1350
FBB-1200C	1200	25	50	8	1910
FBB-1500C	1200	25	50	10	2700
FBB-1800C	1200	25	50	12	3570
FBB-2000C	1200	25	50	14	4290
FBB-2200C	1200	25	50	16	4970
FBB-2500C	1200	25	50	20	5690
FBB-3000C	1200	25	60	26	6780
FBB-3500C	1200	25	60	30	7980

Features

Applications

Rock Drilling, Piling Operations, Foundation Construction, Heavy-Duty Excavation