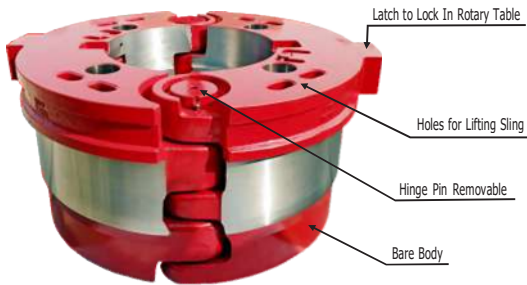


MEROL ENERGY SERVICES PRIVATE LIMITED

MASTER BUSHING HINGED TYPE PIN DRIVE

Master Bushing for National, Oilwell & EMSCO Rotary Table

Hinged Type Pin Drive Master Bushing for 37½" - 49½" Rotary Table is as per API-7K specification for drilling operations. With the help of Insert Bowls, it is capable of handling Drill Collar, Tubing and Casing ranging from 2-3/8" to 13-3/8" up to a load of 500 tons. It can be removed from the Rotary Table to pass large diameter bits and pipe connections directly through the Rotary Table and it has all the performance features of a Solid Master Bushing. It is used with optional Insert Bowl no. 1, 2 or 3 to handle different sizes of tubular. The Master Bushing (Model: ABMB 3750) will get locked into the Rotary Table with its Latch. Locking Latches are provided to lock the Insert Bowls into the Bushing. Master Bushing is also equipped with retainer pins to prevent it from falling out when the hinges are opened.



Model: ABMB 3750
(For National)
Figure No. 1



Model: ABMB 3750-SQ
(For Oilwell)
Figure No. 2



Model: ABMB 3750-E
(For EMSCO)
Figure No. 3



Insert Bowl No. 1 Insert Bowl No. 2 Insert Bowl No. 3
(Suitable for above all three models of Master Bushing)
Figure No. 4

Master Bushing is supplied along with the following:

1. Lifting Slings: Chain Type with four hooks for Master Bushing & Two hooks for Bowl for lifting purposes.
2. Bit Breaker Adapter Plate: For makeup and breakup of bits.
3. Insert Bowls: Bowls No. 1, 2 & 3 to handle different sizes of tubular. (Optional)

Part List of ABMB 3750, ABMB 3750-SQ & ABMB 3750-E

(All the spares are interchangeable with Varco MPCH or other Master Bushing of API standards)

S.No.	Description	Qty Per Unit	Identical Varco P/N For National	ABI P/N For National	ABI P/N For Oilwell	ABI P/N For EMSCO
1.	Bare body segment	1 no	6601-1	3710	3710-SQ	3710-E
2.	Hinge Pin-Removable (with handle)	1 no	6604	3711	3711-SQ	3711-E
3.	Hinge Pin Retainer	1 no	6606	3711-A	3711-A-SQ	3711-A-E
4.	Hinge Pin-Stationary (with retainer)	1 no	6605	3712	3712-SQ	3712-E
5.	Bowl lock Assembly	2 no	-	3714	3714-SQ	3714-E
6.	Eccentric Pin	2 no	1014	3714-A	3714-A-SQ	3714-A-E
7.	Eccentric Pin Lock	2 no	1016	3714-B	3714-B-SQ	3714-B-E
8.	Eccentric Pin Retainer	2 no	50106-22	3714-C	3714-C-SQ	3714-C-E
9.	Drive Hole Bushing	4 no	3699	3715	3715-SQ	3715-E
10.	Lifting Sling for Master Bushing (Four Hook Type)	1 no	6699	3716	3716-SQ	3716-E
11.	Bit Breaker Adapter Plate	1 no	1816	3717	3717-SQ	3717-E
12.	Insert Bowl No: 1 For 11-3/4" To 13-3/8" tubular	1 no	6610	3751	3751-SQ	3751-E
13.	Insert Bowl No: 2 For 9-5/8" To 10-3/4" tubular	1 no	6609	3752	3752-SQ	3752-E
14.	Insert Bowl No: 3 For 2-3/8" to 8-5/8" tubular	1 no	6608	3753	3753-SQ	3753-E
15.	Lifting Sling for Bowls (Two Hook Type)	1 no	-	3754	3754	3754