Medium Duty Split Type Pin Drive Master Bushing - Bowl 3 Taper Design

Model: SDTI 2750-PSP for 27.1/2" RT
SDTI 2050-PSP for 20.1/2" RT
SDTI 1750-PSP for 17.1/2" RT
SDTI 2750-SSP for 27.1/2" RT

These Master Bushings are designed for shallow to medium-depth wells, compatible with 17.1/2", 20.1/2", and 27.1/2" Rotary Tables. Manufactured in strict accordance with API-7K specifications, the PSP (Pin Drive Split Type) and SSP (Square Drive Split Type) models feature a standard taper of Insert Bowl No. 3, accommodating tubular sizes from 2.3/8" to 8.5/8". These models also allow the use of extra-long SDXL slips for handling heavier loads.

The 2.1/2" rise in taper facilitates easier slip handling, uniformly distributing the load within the Master Bushing and reducing wear and tear on the table bore. This design provides 50% more slip support, enhancing load management capability. The 27.1/2" Master Bushing is engineered to handle string loads up to 500 tons.

27.1/2" Split & Inbuilt Taper Master Bushing
Model: SDTI 2750-PSP
Figure No. 7

20.1/2" Split & Inbuilt Taper Master Bushing
Model: SDTI 2050-PSP
Figure No. 8

The following are the recommended accessories for these Master Bushings:

- Bit Breaker Adapter Plate.
- Lifting sling.

Part List of Split Type Pin Drive Master Bushing:

(Interchangeable with Varco MSP & MDSP or other Master Bushing of API standard)

S. No.	Description	Qty Per Unit	P/N For SDTI 2750-PSP	P/N For SDTI 2050-PSP	P/N For SDTI 1750-PSP
1.	Bare Body	1 No.	2751-PSP	2051-PSP	1751-PSP
2.	Drive Hole Bushing	4 No.	2753-PSP	2053-PSP	–
3.	Lifting Sling (Two Hooks Type)	1 No.	2754-PSP	2054-PSP	1754-PSP
4.	Bit Breaker Adapter Plate	1 No.	2755-PSP	2055-PSP	1755-PSP

Medium Duty Split Type Square Drive Master Bushing

Model: SDTI 2750-SSP for 27.1/2" Rotary Table

Part List of Split Type Square Drive Master Bushing:

S. No.	Description	Qty Per Unit	P/N
1.	Bare Body	1 No.	2751-SSP
2.	Lifting Sling (Two Hooks Type)	1 No.	2754-SSP

Note: In addition to the standard models, Master Bushings can also be custom-made to meet specific customer requirements upon request.

27.1/2" Split & Inbuilt Taper Master Bushing
Figure No. 9