

Type 'SO' Swabbing Mandrel Assembly: for 2 3/8" – 5 1/2" Tubing

Rebco Type 'SO' Swabbing Mandrel is used to manipulate the well fluid within the tubing in an effort to create upward flow.

CAUTION: **Rebco** Type 'SO' Swabbing Mandrel is intended for light duty swabbing as required by Slickline operations. The Mandrel has no internal mechanism for "dumping" of the fluid in case of excessive weight pulled.

The availability of Assemblies is not limited to the Tubing properties shown below.

Product Code: 168

TECHNICAL DATA

NOMINAL SIZE	2 3/8"	2 7/8"	3 1/2"
ASSEMBLY NUMBER	16814202000	16814202500	16814203500

ENGINEERING DATA:

MAXIMUM OD	FOR TUBING ID	1.995"	2.441"	2.995"
	NO-GO *	1.906"	2.343"	2.906"
	FOR TUBING WEIGHT	4.6 - 4.7 lbs/ft.	6.4 - 6.5 lbs/ft.	9.3 lbs/ft.
	BODY	1.75"	1.75"	1.75"
PIN THREAD CONNECTION		15/16" - 10	15/16" - 10	15/16" - 10
FISHING NECK OD		1.375"	1.375"	1.375"
LENGTH		23.3"	23.37"	24.8"
MATERIAL		Alloy	Alloy	Alloy

NO-GO is DriftSize for API Standard WeightTubing

TECHNICAL DATA

NOMINAL SIZE	4 1/2"	5 1/2"
ASSEMBLY NUMBER	16814204500	16814205500

ENGINEERING DATA:

MAXIMUM OD	FOR TUBING ID	4.090"	4.950"	
	NO-GO *	3.75"	4.50"	
	FOR TUBING WEIGHT	9.5 lbs/ft.	15.5 lbs/ft.	
	BODY	3.19"	3.19"	
PIN THREAD CONNECTION		1 1/16" - 10	1 1/16" - 10	
FISHING NECK OD		2.313"	2.313"	
LENGTH		24.78"	24.68"	
MATERIAL		Alloy	Alloy	

NOTE: See **PRODUCT CODE 168** for Selection of Cup Types 4 1/2" - 5 1/2"

Mandrels can be adapted with a Sand Screen

