



## PURPOSE

Sand Swab Mandrel is a device used to hold swab cups which are used to swab a well. The tools help to swab liquids from borehole to have well flow within its own power during the inhibition of debris or sand through swab mandrel.

## ASSEMBLY PARTS

1. Fishneck
2. Ball
3. Mandrel
4. Back up Ring
5. Filter Mandrel
6. Filter
7. End Cap

## OPERATION

Install desired swab cups to proper size mandrel and attach to tool string.

Lower into wellbore and take note of fluid level. Once desired swab depth has been achieved, pull swab mandrel (and all fluid trapped above) to surface. Repeat until well flows under its own power.

## PRECAUTIONS

Ensure the swab cups are replaced if worn or damaged, damage may occur from debris in wellbore.

*(Sizes on next page)*

When ordering please specify part name and size. Call us Toll Free: 1-800-438-0061

Nominal Size		2.0"	2.50"
Assembly Number		0101SM200A0	0101SM250A0
Item	Part Name		
1	Fishneck	0101SM20001	0101SM20001
2	Ball	BALL - 0.75"	BALL - 0.75"
3	Mandrel	0101SM20002	0101SM25002
4	Back up Ring	0101SM20003	0101SM25003
5	Filter Mandrel	0101SMF20001	0101SMF25001
6	Filter	0101SMF20002	0101SMF25002
7	End Cap	0101SMF20004	0101SMF25004
Top Thread Connection		0.938 - 10 UN	0.938 - 10 UN
Max O.D.		1.906"	2.347"
Fishneck size		1.375"	1.375"

Nominal Size		3.00"	4.00"	5.00"
Assembly Number		0101SM300A0	0101SM400A0	0101SM500A0
Item	Part Name			
1	Fishneck	0101SM20001	0101SM40001	0101SM40001
2	Ball	BALL - 0.75"	BALL - 2.00"	BALL - 2.00"
3	Mandrel	0101SM25002	0101SM40002	0101SM40002
4	Back up Ring	0101SM30003	0101SM40003	0101SM50003
5	Filter	0101SMF30002	0101SMF40002	0101SMF40002
6	End Cap	0101SMF30004	0101SMF40004	0101SMF40004
Top Thread Connection		0.938 - 10 UN	1.062 - 10 UN	1.062 - 10 UN
Max O.D.		2.867"	3.72"	4.50"
Fishneck size		1.375"	2.31"	2.31"

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