



### PURPOSE

Swab Mandrels are used with all rubber or wire type swab cups. 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. Backup Ring
5. No Go

### OPERATION

Install desired swab cups to proper size mandrel and attach to toolstring. 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.

Special attention should be paid if sand is suspected in the wellbore as this can seriously impede swabbing operations, The SAND SCREEN can be used in this application.

Nominal Size		1.66"	2.0"	2.50"
Assembly Number		0101SM166A0	0101SM200A0	0101SM250A0
Item	Part Name			
1	Fishneck	0101SM16601	0101SM20001	0101SM20001
2	Ball	n/a	BALL - 0.75"	BALL - 0.75"
3	Mandrel	0101SM16602	0101SM20002	0101SM25002
4	Backup Ring	n/a	0101SM20003	0101SM25003
5	No-Go	0101SM16604	0101SM20004	0101SM25004
Top Thread Connection		0.625 - 11 UNC	0.938 - 10 UN	0.938 - 10 UN
Max O.D.		1.062"	1.906"	2.347"
Fishneck size		1.00"	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	0101SM30002	0101SM40002	0101SM40002
4	Back up Ring	0101SM30003	0101SM40003	0101SM50003
5	No-Go	0101SM30004	0101SM40004	0101SM40004
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"

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