



#### PURPOSE

SB Pulling Tools are used to employ external fishnecks on subsurface devices inside the wellbore. These pulling tools have long cores with short reach. The tool is used to retrieve subsurface tools where debris might block the latching of fishneck.

#### ASSEMBLY PARTS

1. Fishneck
2. Skirt
3. Shear Pin Cover
4. Core Nut
5. Core
6. Core Spring
7. Dog Washer
8. Dog Spring
9. Dogs

#### OPERATION

The SB is jar down to shear tool, which may be used in either setting, or the retrieving of subsurface tools.

Used when there is a jar down to shear, such as in the setting of tubing stops.

The core may be easily changed out in the field to allow for deeper or shallower reach depending on the application.

#### PRECAUTIONS

Care should be taken to inspect the dogs, skirt, and fishneck for damage such as metal fatigue, cracking, or deformity of the metal.

*(Sizes on next page)*

Nominal Size		0.75"	1.25"	1.50"	2.00"
Assembly Number		0301BSB075A0	0302SB125A0	0302SB150A0	0302SB200A0
Item	Part Name				
1	Fish Neck	0301BS075	0302S12501	0302S15001	0302S20001
2	Skirt	0301B07506	0302S12502	0302S15002	0302S20002
3	Shear Pin Cover	-	0302S12503	0302S15003	0302S20003
4	Core Nut	0301BS07504	0302S12504	0302S15004	0302S20004
5	B Core	0301BB07510	0302S12505	0302S15005	0302S20005
6	Core Spring	0301B07504	0302S12506	0302GS15005	0302GS20005
7	Dog Washer	0302R07508	0302R12508	0302R15008	0302R20007
8	Dog Spring	0302R07507	0302R12507	0302R15007	0302R20008
9	Dog	0302R07509	0302R12509	0302R15009	0302R20009
Top Thread Connection		0.625"-13 UN	0.625"-13 UN	0.938"-10 UN	0.938"-10 UN
Lower Thread Connection		-	0.25" UNC	0.50"-13 NC	0.50"-13 NC
Max O.D.		.968"	1.22"	1.42"	1.77"
Fishneck size latched		0.75"	1.00"	1.187"	1.375"
Reach		0.892"	1.280"	1.30"	1.22"

(Sizes continue on next page)

## 3. pulling tools

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

Nominal Size		2.50"	3.00"	4.00"
Assembly Number		0302SB250A0	0302SB300A0	0302SB400A0
Item	Part Name			
1	Fish Neck	0302S25001	0302S30001	0302S30001
2	Skirt	0302S25002	0302S30002	0302S40002
3	Shear Pin Cover	0302S25003	0302S30003	0302S30003
4	Core Nut	0302S25004	0302S30004	0302S30004
5	Core	0302S25005	0302S30005	0302S40005
6	Core Spring	0302GS25005	0302GS30005	0302GS30005
7	Dog Washer	0302R25007	0302R30007	0302R40007
8	Dog Spring	0302R25008	0302R30008	0302R40008
9	Dogs	0302R25009	0302R30009	0302R40009
Top Thread Connection		0.938"-10 UN	1.062"-10 UN	1.062"-10 UN
Lower Thread Connection		0.50"-13 NC	0.625"-11 NC	1.25"-12 UN
Max O.D.		2.18"	2.74":	3.66"
Fishneck size latched		1.75"	2.31"	3.12"
Reach		1.281"	1.50"	1.50"

# 3. pulling tools

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