



PURPOSE

GS Pulling Tool can be used to deploy and retrieve the subsurface devices with internal fishnecks. It can be released from devices by jarring down. This tool is advised where the downward jarring on subsurface device is needed before pulling.

ASSEMBLY PARTS

1. Fishneck
2. Core
3. Shear Sub
4. Cylinder
5. Core Spring
6. Spring Retainer
7. Dog Spring
8. Dog Retainer
9. Dogs

OPERATION

Shear pin placement is through top cylinder sub and core. Dogs are contained in the lower end of the cylinder, and held in place by the dog retainer.

Similar to the external pulling tools the core is tapped to accept prongs or core extensions. Shearing of the GS Pulling Tool is accomplished with downward jarring. The core is driven down as the cylinder lands on top of the internal fishing neck body.

Once the pin is sheared the dogs retract up to tapered recess of core. The tension of the core spring holds the dogs retracted, allowing the pulling tool to release from the fish.

GS Pulling Tools are normally pinned with brass, or mild steel.

PRECAUTIONS

Sand or debris on top of fishneck may hamper the shearing ability in such cases a GR may be used.

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)

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

Nominal Size		1.25	1.50	2.00"	2.50
Assembly Number		0302GS125A0	0302GS150A0	0302GS200A0	0302GS250A0
Item	Part Name				
1	Fish Neck	0302GS12501	0302GS15001	0302GS20001	0302GS25001
2	Core	0302GS12502	0302GS15002	0302GS20002	0302GS25002
3	Shear Sub	0302GS12503	0302GS15003	0302GS20003	0302GS25003
4	Cylinder	0302GS12504	0302GS15004	0302GS20004	0302GS25004
5	Core Spring	0302GS12505	0302GS15005	0302GS20005	0302GS25005
6	Spring Retainer	0302GS12506	0302GS15006	0302GS20006	0302GS25006
7	Dog Spring	0302GS12507	0302GS15007	0302GS20007	0302GS25007
8	Dog Retainer	0302GS12508	0302GS15008	0302GS20008	0302GS25008
9	Dog	0302GS12509	0302GS15009	0302GS20009	0302GS25009
Upper Thread Connection		0.625"-11 UNC	0.938"-10 UN	0.938"-10 UN	0.938"-10 UN
Lower Thread Connection		0.375"-16 UNC	0.50"-13 UNC	0.50"-13 UNC	0.50"-11 UNC
Max O.D.		1.16"	1.48"	1.75"	2.16"
Fishneck size		1.00"	1.187"	1.375"	1.75"
Reach			1.62"	1.62"	1.62"

(Sizes continue on next page)

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Nominal Size		3.00	4.00	5.00"	6.00"
Assembly Number		0302GS300A0	0302GS400A0	0302GS500A0	0302GS600A0
Item	Part Name				
1	Fish Neck	0302GS30001	0302GS30001	0302GS50001	0302GS60001
2	Core	0302GS30002	0302GS30002	0302GS50002	0302GS60002
3	Shear Sub	0302GS30003	0302GS30003	0302GS50003	0302GS60003
4	Cylinder	0302GS30004	0302GS30004	0302GS50004	0302GS60004
5	Core Spring	0302GS30005	0302GS30005	0302GS50005	0302GS60005
6	Spring Retainer	0302GS30006	0302GS30006	0302GS50006	0302GS60006
7	Dog Spring	0302GS30007	0302GS30007	0302GS50007	0302GS60007
8	Dog Retainer	0302GS30008	0302GS30008	0302GS50008	0302GS60008
9	Dog	0302GS30009	0302GS30009	0302GS50009	0302GS60009
Upper Thread Connection		1.062"-10 UN	1.062"-10 UN	1.062"-10 UN	1.062"-10 UN
Lower Thread Connection		0.625"-11NC	2.125"-12UNC	2.50"-10 UN	2.75"-10 UN
Max O.D.		2.72"	3.62"	4.50"	5.36"
Fishneck size		2.31"	2.31"	3.125"	3.125"
Reach		1.62"	1.56"		

3. pulling tools

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