

**ASSEMBLY PARTS**

1. Fishneck
2. Mandrel
3. Collet
4. Connecting Adjuster
5. Control Sleeve
6. Nut
7. Spring
8. Retractor
9. Retaining Sleeve
10. Dog
11. Dog Retainer
12. Dog Spring
13. Key
14. Thread Protector

DESCRIPTION

The D-2 shifting tool is designed to shift Baker style L sliding sleeves.

Collets come in different OD measurements, each sleeve ID will require a corresponding collet with a larger OD.

The purpose of the collet is to locate the sleeve desired to be shifted, the tool can then be extended allowing the spring loaded dogs to move outward latching the inner sleeve for shifting.

The collet design allows locating and shifting any desired sleeve in a completion with two or more sleeves.

The selective collet feature includes both the opening and closing L sleeves.

The tool requires a specific distance from the square face of the shifting dog to the collet locating profile. This measurement is done with the tool in the retracted position and allows for the shifting tool to disengage the sleeve when the shifting sequence is complete.

Although the shifting tool can be deliberately released three steel shear pins are incorporated at the base of the shifting dogs allowing for a safety release feature.

* Non-Stock Item. Please call for price and delivery.

(Sizes on next page)

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

Nominal Size		1.78"	1.81"	1.81"	2.25"	2.31"
Assembly Number		0403D178A0	0403D181A0	0403D187A0	0403D225A0	0403D231A0
Item	Part Name					
1	Fishneck	0403D20001	0403D20001	0403D20001	0403D25001	0403D25001
2	Mandrel	0403D20002	0403D20002	0403D20002	0403D22502	0403D22502
3	Collet	0403D17803	0403D18103	0403D18703	0403D22503	0403D23103
4	Connecting Adjuster	0403D20004	0403D20004	0403D20004	0403D25004	0403D25004
5	Control Sleeve	0403D20005	0403D20005	0403D20005	0403D25005	0403D25005
6	Nut	0403D20006	0403D20006	0403D20006	0403D25006	0403D25006
7	Spring	0403D20007	0403D20007	0403D20007	0403D25007	0403D25007
8	Retractor	0403D20008	0403D20008	0403D20008	0403D25008	0403D25008
9	Retaining Sleeve	0403D20009	0403D20009	0403D20009	0403D25009	0403D25009
10	Dog	0403D20010	0403D20010	0403D20010	0403D20010	0403D20010
11	Dog Retainer	0403D20013	0403D20013	0403D20013	0403D25011	0403D25011
12	Dog Spring	0403D20011	0403D20011	0403D20011	0403D20012	0403D20012
13	Key	0403D20012	0403D20012	0403D20012	0403D25013	0403D25013
14	Thread Protector	0403D20014	0403D20014	0403D20014	0403D20014	0403D20014
Upper Thread Conn.		0.938"-10 UN	0.938"-10 UN	0.938"-10 UN	0.938"-10 UN	0.938"-10 UN
Lower Thread Conn		0.938"-10 UN	0.938"-10 UN	0.938"-10 UN	0.938"-10 UN	0.938"-10 UN
Max O.D.		1.807"	1.843"	1.906"	2.281"	2.343"
Fishneck size		1.375"	1.375"	1.375"	1.75"	1.75"
Adjustment Length		15.68"	15.68"	15.68"	16.625"	16.625"

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(Sizes continue on next page)

4. shifting tools

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Nominal Size		2.75"	2.81"	3.68"	3.81"
Assembly Number		0403D275A0	0403D281A0	0403D368A0	0403D381A0
Item	Part Name				
1	Fishneck	0403D30001	0403D30001	0403D40001	0403D40001
2	Mandrel	0403D30002	0403D30002	0403D40002	0403D40002
3	Collet	0403D27503	0403D28103	0403D36803	0403D38103
4	Connecting Adjuster	0403D30004	0403D30004	0403D40004	0403D40004
5	Control Sleeve	0403D30005	0403D30005	0403D40005	0403D40005
6	Nut	0403D30006	0403D30006	0403D40006	0403D40006
7	Spring	0403D30007	0403D30007	0403D40007	0403D40007
8	Retractor	0403D30008	0403D30008	0403D40008	0403D40008
9	Retaining Sleeve	0403D30009	0403D30009	0403D40009	0403D40009
10	Dog	0403D20010	0403D20010	0403D20010	0403D20010
11	Dog Retainer	0403D30011	0403D30011	0403D40011	0403D40011
12	Dog Spring	0403D20012	0403D20012	0403D20012	0403D20012
13	Key	0403D25013	0403D25013	0403D20013	0403D20013
14	Thread Protector	0403D30014	0403D30014	0403D40014	0403D40014
Upper Thread Conn.		1.062"-10 UN	1.062"- 10 UN	1.062"-10 UN	1.062"-10 UN
Lower Thread Conn		1.062"-10 UN	1.062"- 10 UN	1.062"-10 UN	1.062"-10 UN
Max O.D.		2.781"	2.843"	3.743"	3.867"
Fishneck size		2.31"	2.31"	2.31"	2.31"
Adjustment Length		17.125"	17.125"	22.68"	22.68"

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