



PURPOSE

The RJ Pulling tool is used to employ external fishnecks on subsurface devices inside the wellbore. This pulling tool has a short core with long reach. When the tool is engaged on external fishnecks, upward jarring action shears the pin releasing the spring loaded dogs which allows the tool to be retrieved.

ASSEMBLY PARTS

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

OPERATION

The RJ has a short core which is capable of swallowing debris, broken tool, or slickline fragments.

It is used when there is a need to jar up to shear off a subsurface tool and/or fish when a jar down tool is not desired.

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

PRECAUTIONS

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

(Sizes on next page)

| Nominal Size | | 1.25" | 1.50" | 2.00" |
|-------------------------|-----------------|--------------|---------------------|---------------------|
| Assembly Number | | 0302RJ1250A0 | 0302RJ150A0 | 0302RJ200A0 |
| Item | Part Name | | | |
| 1 | Fishneck | 0302R12501 | 0302R15001 | 0302R20001 |
| 2 | Spring Sleeve | - | - | 0302R20002 |
| 3 | Core Spring | 0302R12504 | 0302R15004 | 0302R20004 |
| 4 | Shear Pin Cover | 0302R12505 | 0302R15005 | 0302R20005 |
| 5 | Skirt | 0302R12506 | 0302R15006 | 0302R20006 |
| 6 | Dog Spring | 0302R12507 | 0302R15007 | 0302R20007 |
| 7 | Dog Washer | 0302R12508 | 0302R15008 | 0302R20008 |
| 8 | Dog | 0302R12509 | 0302R15009 | 0302R20009 |
| 9 | J Core | 0302R12511 | 0302R15011 | 0302R20011 |
| Top Thread Connection | | 0.625"-11 UN | 0.938"(15/16)-10 NC | 0.938"(15/16)-10 NC |
| Lower Thread Connection | | 1/4" UNC | 3/8" UNC | 1/2" UNC |
| Max O.D. | | 1.22" | 1.42" | 1.77" |
| Fishneck size latched | | 1.00" | 1.187" | 1.375" |
| Fishneck Size | | 1" | 1.18" | 1.37" |
| Reach | | 1.843 | 2.55" | 2.55" |

| Nominal Size | | 2.50" | 3.00" | 4.00" |
|-------------------------|-----------------|--------------|--------------|--------------|
| Assembly Number | | 0302RJ250A0 | 0302RJ300A0 | 0302RJ400A0 |
| Item | Part Name | | | |
| 1 | Fishneck | 0302R25001 | 0302R30001 | 0302R40001 |
| 2 | Spring Sleeve | 0302R25002 | - | - |
| 3 | Core Spring | 0302R25004 | 0302R30004 | 0302R40004 |
| 4 | Shear Pin Cover | 0302R25005 | 0302R30005 | 0302R40005 |
| 5 | Skirt | 0302R25006 | 0302R30006 | 0302R40006 |
| 6 | Dog Spring | 0302R25007 | 0302R30007 | 0302R40007 |
| 7 | Dog Washer | 0302R25008 | 0302R30008 | 0302R40008 |
| 8 | Dog | 0302R25009 | 0302R30009 | 0302R40009 |
| 9 | J Core | 0302R25011 | 0302R30011 | 0302R40011 |
| 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 | | 1.95" | 2.31" | 3.12" |
| Fishneck Size | | 1.375" | 2.31" | 2.31" |
| Reach | | 2.55" | 2.61" | 2.00" |