

Camco™ 'JD' Series Pulling Tools

Slickline Downhole Tools

The Camco 'JD' series pulling tool is designed to engage external fishing necks on sub-surface devices within the well-bore.

Camco 'JD' series pulling tools are available with various core lengths to permit retrieval of sub-surface devices with variable length fishing necks. 'JD' series pulling tools are categorised for easy reference; the first letter (J) indicates the pulling tool series, the second letter (D) indicates that downward jarring is required to shear the pin and release the tool. The third letter designates the effective reach, which depends upon the core length:

- "C" being a long core, short reach
- "S" being an intermediate core, medium reach
- "L" being a short core, long reach

Any letter or number following the first three letters indicates a variation of one or more of the following specifications: maximum OD, core length and pin thread connection.

Most 'JD' series pulling tool cores are threaded to receive a prong, probe or shank.

The 'JD' series of pulling tools includes the following models:

- JDC • JDS • JDL • JDC-1
- JDS-2 • JDC-2 • JDC-TD

JDC, JDC-2 and JDC-TD pulling tools have long cores. JDC -1 pulling tools have slightly longer cores while the JDC-2 type has larger pin threaded connections than the standard JDC.

The JDC-TD has a smaller maximum OD than a JDC of the same size. Even though JDC-TD have a reduced maximum OD, these require the same minimum working ID for pulling dog expansion as a standard JDC of the same size.

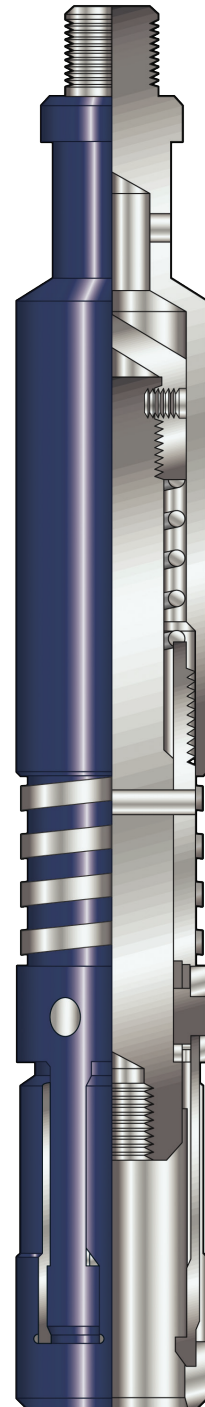
The JDS and JDS-2 have medium length cores, however the JDC-2 series, with one exception (1.500" JDS-2) have larger pin threaded connections than a JDS pulling tool of the same size.

The 1.500" JDS-2 has a slightly longer core than the standard 1.500" JDS pulling tool. The 2.000" JDC-2 also features a bell skirt which increases the maximum OD in addition to having a larger pin threaded connection.

All JDL pulling tools have short cores.

Hunting 'JD' Series Pulling Tools are available with various connections to suit customer requirements

(See charts overleaf)



**CAMCO JUC, JUC-2 and JUC-TD SERIES PULLING TOOLS**

| Nominal Size | Type | Assembly Number | Actual Size OD | Will Engage | Reach | Minimum Working ID | Connection on Tool | Connection in Bottom of Core | Fishing Neck | Pulling Tool to Retrieve | Length |
|--------------|--------|-----------------|----------------|-------------|--------|--------------------|--------------------|------------------------------|--------------|--------------------------|---------|
| 1.250" | JDC-1 | 15149 | 1.291" | 0.875" | 0.906" | 1.312" | 15/16" 10 | N/A | 1.187" | 15166 | 13.000" |
| 1.250" | JDC | 15151 | 1.291" | 0.875" | 1.937" | 1.312" | 15/16" 10 | ¼" 20 | 1.187" | 15166 | 13.000" |
| 1.250" | JDC-1 | 15157 | 1.291" | 0.875" | 1.125" | 1.312" | 15/16" 10 | N/A | 1.187" | 15166 | 13.000" |
| 1.250" | JDC-2 | 15987 | 1.291" | 0.875" | 1.937" | 1.312" | 1 1/16" 10 | ¼" 20 | 1.187" | 15166 | 13.000" |
| 1.375" | JDC | 15153 | 1.375" | 1.000" | 1.875" | 1.468" | 15/16" 10 | N/A | 1.187" | 15166 | 13.000" |
| 1.500" | JDC | 15154 | 1.422" | 1.187" | 1.093" | 1.437" | 15/16" 10 | ½" 13 | 1.187" | 15166 | 13.000" |
| 2.000" | JDC | 15156 | 1.859" | 1.375" | 1.437" | 1.875" | 15/16" 10 | ½" 13 | 1.375" | 15168 | 14.500" |
| 2.000" | JDC-TD | 15169 | 1.760" | 1.375" | 1.437" | 1.875" | 15/16" 10 | ½" 13 | 1.375" | 15168 | 14.500" |
| 2.000" | JDC | 15796 | 3.000" | 1.375" | 1.437" | N/A | 15/16" 10 | ½" 13 | 1.375" | 15168 | 17.437" |
| 2.000" | JDC | 15794 | 4.000" | 1.375" | 1.437" | N/A | 15/16" 10 | ½" 13 | 1.375" | 15168 | 17.437" |
| 2.500" | JDC | 15158 | 2.250" | 1.750" | 1.312" | 2.265" | 15/16" 10 | ½" 13 | 1.375" | 15168 | 14.765" |
| 2.500" | JDC-TD | 15171 | 2.180" | 1.750" | 1.312" | 2.265" | 15/16" 10 | ½" 13 | 1.375" | 15168 | 14.765" |
| 2.500" | JDC | 15795 | 3.000" | 1.750" | 1.312" | N/A | 15/16" 10 | ½" 13 | 1.375" | 15168 | 17.953" |
| 2.500" | JDC | 15793 | 4.000" | 1.750" | 1.312" | N/A | 15/16" 10 | ½" 13 | 1.375" | 15168 | 17.703" |
| 3.000" | JDC | 15160 | 2.796" | 2.312" | 1.437" | 2.812" | 15/16" 10 | ½" 13 or 5/8 11 | 1.750" | 15170 | 14.937" |
| 3.000" | JDC-TD | 15933 | 2.718" | 2.312" | 1.437" | 2.812" | 15/16" 10 | ½" 13 or 5/8 11 | 1.750" | 15170 | 14.937" |
| 3.000" | JDC | 15792 | 4.000" | 2.312" | 1.437" | N/A | 15/16" 10 | ½" 13 or 5/8 11 | 1.750" | 15170 | 17.875" |
| 3.000" | JDC | 15237 | 4.250" | 2.312" | 1.437" | N/A | 15/16" 10 | ½" 13 or 5/8 11 | 1.750" | 15170 | 17.875" |
| 3.000" | JDC | 13031 | 2.796" | 2.312" | 0.687" | 2.812" | 15/16" 10 | ½" 13 or 5/8 11 | 1.750" | 15170 | 17.850" |
| 4.000" | JDC | 15162 | 3.750" | 3.125" | 2.312" | 3.765" | 1 1/16" 10 | 1 ¼" 12 | 2.312" | 15172 | 19.062" |
| 4.000" | JDC-TD | 15182 | 3.625" | 3.125" | 2.312" | 3.765" | 1 1/16" 10 | 1 ¼" 12 | 2.312" | 15172 | 19.062" |
| 4.000" | JDC-2 | 15996 | 3.750" | 3.125" | 2.312" | 3.765" | 1 9/16" 10 | 1 ¼" 12 | 2.312" | 15172 | 19.062" |

Spares components are available. Please specify part and assembly part number or part number if known.

CAMCO JDS and JDS-2 SERIES PULLING TOOLS

| Nominal Size | Type | Assembly Number | Actual Size OD | Will Engage | Reach | Minimum Working ID | Connection on Tool | Connection in Bottom of Core | Fishing Neck | Pulling Tool to Retrieve | Length |
|--------------|-------|-----------------|----------------|-------------|--------|--------------------|--------------------|------------------------------|--------------|--------------------------|---------|
| 1.250" | JDS | 15165 | 1.291" | 0.875" | 2.687" | 1.312" | 15/16" 10 | N/A | 1.187" | 15166 | 13.000" |
| 1.500" | JDS | 15166 | 1.422" | 1.187" | 1.843" | 1.437" | 15/16" 10 | ½" 13 | 1.187" | 15166 | 13.000" |
| 1.500" | JDS-2 | 15988 | 1.422" | 1.187" | 1.437" | 1.437" | 15/16" 10 | ½" 13 | 1.187" | 15166 | 13.000" |
| 1.625" | JDS | 15155 | 1.625" | 1.187" | 1.843" | 1.640" | 15/16" 10 | ½" 13 | 1.187" | 15166 | 13.000" |
| 2.000" | JDS | 15168 | 1.859" | 1.375" | 2.250" | 1.875" | 15/16" 10 | ½" 13 | 1.375" | 15168 | 14.500" |
| 2.000" | JDS-2 | 15990 | 1.859" | 1.375" | 2.250" | 1.875" | 1 1/16" 10 | ½" 13 | 1.375" | 15168 | 14.500" |
| 2.000" | JDS-2 | 15998 | 5.750" | 1.375" | 2.250" | N/A | 1 1/16" 10 | ½" 13 | 1.375" | 15168 | 19.093" |
| 2.500" | JDS | 15170 | 2.250" | 1.750" | 2.187" | 2.265" | 15/16" 10 | ½" 13 | 1.375" | 15168 | 14.765" |
| 2.500" | JDS-2 | 15992 | 2.250" | 1.750" | 2.187" | 2.265" | 1 1/16" 10 | ½" 13 | 1.375" | 15168 | 14.765" |
| 3.000" | JDS | 15172 | 2.812" | 2.312" | 2.125" | 2.843" | 15/16" 10 | 5/8 11 | 1.750" | 15170 | 14.937" |
| 3.000" | JDS-2 | 15994 | 2.812" | 2.312" | 2.125" | 2.843" | 1 1/16" 10 | 5/8 11 | 1.750" | 15170 | 14.937" |

(Additional charts overleaf)



| CAMCO JDL SERIES PULLING TOOLS | | | | | | | | | | | |
|--------------------------------|------|-----------------|----------------|-------------|--------|--------------------|--------------------|------------------------------|--------------|--------------------------|---------|
| Nominal Size | Type | Assembly Number | Actual Size OD | Will Engage | Reach | Minimum Working ID | Connection on Tool | Connection in Bottom of Core | Fishing Neck | Pulling Tool to Retrieve | Length |
| 2.000" | JDL | 15164 | 1.859" | 1.375" | 2.812" | 1.875" | 15/16" 10 | 1/2" 13 | 1.375" | 15168 | 14.500" |
| 3.000" | JDL | 15173 | 2.812" | 2.312" | 2.609" | 2.812" | 15/16" 10 | 5/8 11 | 1.750" | 15170 | 14.937" |

Spares components are available. Please specify part and assembly part number or part number if known.