

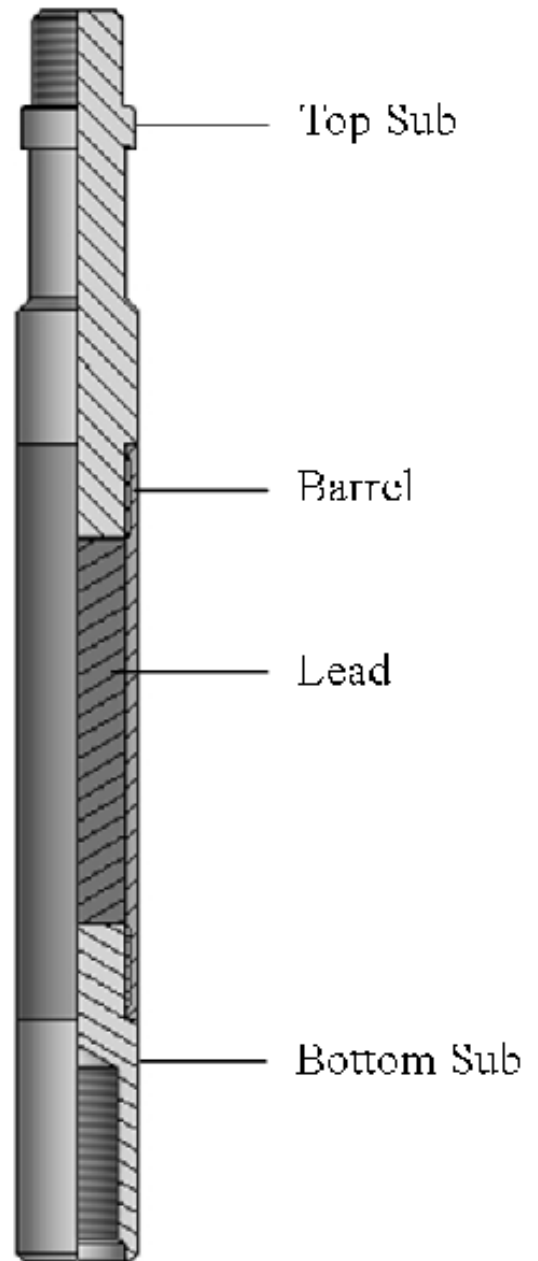


STEM (LEADED)

ASSEMBLY DESCRIPTION

Stem is used to add weight to the tool string to counteract upward well bore pressure. This allows easy descent of the tool string. It is also used to increase the jarring effect of Link Jars and Tubular Jars.

A Leaded Stem adds more weight per piece than the standard Stem due to the increased density of the lead Core.





STEM (LEADED)

| SPECIFICATIONS | | | |
|----------------|-----------|-----------|-----------|
| 1.250 | | | |
| Length | 2' | 3' | 5' |
| Fishneck | 1.188 | 1.188 | 1.188 |
| Connections | 15/16"-10 | 15/16"-10 | 15/16"-10 |

| SPECIFICATIONS | | | |
|----------------|-----------|-----------|-----------|
| 1.500 | | | |
| Length | 2' | 3' | 5' |
| Fishneck | 1.375 | 1.375 | 1.375 |
| Connections | 15/16"-10 | 15/16"-10 | 15/16"-10 |

| SPECIFICATIONS | | | |
|----------------|------------|------------|------------|
| 1.750 | | | |
| Length | 3' | 4' | 5' |
| Fishneck | 1.375 | 1.375 | 1.375 |
| Connections | 1 1/16"-10 | 1-1/16"-10 | 1-1/16"-10 |

| SPECIFICATIONS | | | |
|----------------|------------|------------|------------|
| 1.875 | | | |
| Length | 2' | 3' | 5' |
| Fishneck | 1.750 | 1.750 | 1.750 |
| Connections | 1-1/16"-10 | 1-1/16"-10 | 1-1/16"-10 |

All Specification Tables contain approximated dimensions and should be used for reference only.



STEM (LEADED)

| SPECIFICATIONS | | | |
|----------------|-----------|-----------|-----------|
| 2.125 | | | |
| Length | 2' | 3' | 5' |
| Fishneck | 1.375 | 1.375 | 1.375 |
| Connections | 15/16"-10 | 15/16"-10 | 15/16"-10 |

| SPECIFICATIONS | | | |
|----------------|------------|------------|------------|
| 2.250 | | | |
| Length | 2' | 3' | 5' |
| Fishneck | 1.750 | 1.750 | 1.750 |
| Connections | 1-1/16"-10 | 1-1/16"-10 | 1-1/16"-10 |

| SPECIFICATIONS | | | |
|----------------|------------|------------|------------|
| 2.500 | | | |
| Length | 2' | 3' | 5' |
| Fishneck | 2.313 | 2.313 | 2.313 |
| Connections | 1-9/16"-10 | 1-9/16"-10 | 1-9/16"-10 |

All Specification Tables contain approximated dimensions and should be used for reference only.