

### Product Overview

The **Pulling Tool ('S' Series)** is designed to **engage and retrieve equipment with an external fishing neck by upward jarring**. The tool is engineered to **shear and release by downward jarring**, enabling it to serve as both a **pulling tool** and a **running tool**. It is available with **three interchangeable core configurations**, providing flexibility for different wireline retrieval and gas lift applications.

### Key Features

- Designed to engage and retrieve tools with an external fishing neck.
- Retrieval is accomplished by upward jarring.
- Shear-release mechanism activated by downward jarring.
- Can also function as a running tool.
- Available with three interchangeable core types:
  - SB – Long core, short reach.
  - SS – Medium core, medium reach.
  - SM – Designed specifically for gas lift operations.
- Interchangeable core configurations provide versatility across multiple wireline applications.



# PULLING TOOL ('S' SERIES)

## Technical Data

| Nominal Size (in.) | Type | O.D. (in.) | Fishing Neck O.D. (in.) | Pulls (in.) | Top Connection | Reach (in.) |
|--------------------|------|------------|-------------------------|-------------|----------------|-------------|
| 1-1/4              | SB   | 1.220      | 1.000                   | 1.000       | 5/8-11 UNC     | 1.280       |
| 1.66               | SM   | 1.188      | 0.875                   | 0.875       | 15/16-10 UN    | 1.680       |
| 1-3/16             | SM   | 1.190      | 1.188                   | 0.875       | 15/16-10 UN    | 1.680       |
| 1-1/2              | SB   | 1.437      | 1.188                   | 1.188       | 15/16-10 UN    | 0.688       |
| 1-1/2              | SB   | 1.437      | 1.188                   | 1.188       | 15/16-10 UN    | 1.297       |
| 1-1/2              | SS   | 1.437      | 1.188                   | 1.188       | 15/16-10 UN    | 1.780       |
| 1-1/2              | SM   | 1.380      | 1.375                   | 0.875       | 15/16-10 UN    | 1.578       |
| 2                  | SB   | 1.766      | 1.375                   | 1.375       | 15/16-10 UN    | 1.219       |
| 2                  | SM   | 1.766      | 1.375                   | 1.375       | 15/16-10 UN    | 1.640       |
| 2                  | SS   | 1.766      | 1.375                   | 1.375       | 15/16-10 UN    | 2.030       |
| 2-1/2              | SB   | 2.188      | 1.375                   | 1.750       | 15/16-10 UN    | 1.281       |
| 2-1/2              | SS   | 2.188      | 1.375                   | 1.750       | 15/16-10 UN    | 2.000       |
| 3                  | SB   | 2.734      | 2.312                   | 2.312       | 1-1/16-10 UN   | 1.380       |
| 3                  | SB   | 2.844      | 2.312                   | 2.312       | 1-1/16-10 UN   | 1.500       |
| 3                  | SS   | 2.844      | 2.312                   | 2.312       | 1-1/16-10 UN   | 2.210       |
| 3-1/2              | SB   | 3.115      | 2.312                   | 2.750       | 1-1/16-10 UN   | 1.690       |
| 4                  | SB   | 3.670      | 2.312                   | 2.750       | 1-1/16-10 UN   | 1.500       |