

### Product Overview

The **Universal Pulling Tool** is a versatile wireline pulling tool that combines the functionality of both **shear-up** and **shear-down** type pulling tools. It is designed to **engage and retrieve equipment with external fishing necks** using a **universal core** that accommodates **short, medium, and long reach fishing necks**. The tool can be switched between operating modes **without requiring additional parts**, providing greater flexibility while reducing tool inventory.

### Key Features

- Combines the functionality of **shear-up** and **shear-down** pulling tools in a single tool.
- Designed to engage and retrieve equipment with **external fishing necks**.
- Universal core accommodates **short, medium, and long reach** fishing necks.
- Easily converts between **shear-up** and **shear-down** modes **without additional parts**.
- Eliminates the need for separate pulling tool series, reducing inventory requirements.
- Universal core can be pinned to the required reach position without purchasing additional cores.
- Shear pin can be replaced **without disassembling the pulling tool**, reducing maintenance time.



SHEAR UP MODE



SHEAR DOWN MODE

## Technical Data

| Nominal Size (in.) | Max. O.D. (in.) | Fishing Neck O.D. (in.) | Top Connection | Reach Options       | Length – Shear Up (in.) | Length – Shear Down (in.) | Pulls Neck O.D. (in.) |
|--------------------|-----------------|-------------------------|----------------|---------------------|-------------------------|---------------------------|-----------------------|
| 1-1/4              | 1.290           | 1.187                   | 15/16-10 UN    | Medium, Long        | 15.00 / 15.25           | 16.75                     | 0.875                 |
| 1-1/2              | 1.437           | 1.187                   | 15/16-10 UN    | Short, Medium, Long | 19.02 / 15.05 / 15.60   | 17.04                     | 1.187                 |
| 2                  | 1.860           | 1.375                   | 15/16-10 UN    | Short, Medium, Long | 20.28 / 19.82 / 20.37   | 22.45                     | 1.375                 |
| 2-1/2              | 2.250           | 1.375                   | 15/16-10 UN    | Short, Medium, Long | 20.55 / 21.08 / 21.58   | 23.61                     | 1.750                 |
| 3                  | 2.800           | 1.750                   | 1-1/16-10 UN   | Short, Medium, Long | 20.73 / 21.40 / 21.85   | 23.75                     | 2.313                 |
| 4                  | 3.750           | 2.313                   | 1-9/16-10 UN   | Medium, Long        | 21.38 / 22.00           | 24.00                     | 3.125                 |