

## What is a Universal Pulling Tool?

This Universal Pulling Tool is used for the retrieval or release of downhole components. Its adaptability to different operations without the need for separate tools or additional parts is its primary feature. This tool is designed for smooth transition between shear-up to release (compatible with Camco type 'JU' or Os type 'R' tool) and shear-down to release (compatible with Camco type 'JU' or Os 'S' tool). It achieves this versatility through its innovative design, eliminating the need for operators to switch between multiple tools for different tasks.

## Applications

- Used to retrieve tools by latching to an external fishneck.
- Combines both a shear-down and shear-up pulling tool into one tool.

## Key Features & Benefits

- Equipped with an adjustable core, allowing it to retrieve components with external fish necks of varying lengths or reach.
- Can be re-pinned without disassembling the tool.
- 1.50", 2.00", 2.5", 3.00", 4.0" tools available for either standard or H<sup>2</sup>S service.



Technical Data					
Nominal Size	1.500"	2.000"	2.500"	3.000"	4.000"
Assembly Number	03-01-UPT-150-A0	03-01-UPT-200-A0	03-01-UPT-250-A0	03-01-UPT-300-A0	03-01-UPT-400-A0
Actual O.D.	1.430"	1.860"	2.250"	2.800"	3.750"
Tool Fish Neck Size	1.187"	1.375"	1.375"	1.750"	2.312"
Tool Connection	0.94" - 10 UN	0.94" - 10 UN	0.94" - 10 UN	1.063" - 10 UN	1.562"-10 UN
Fishneck Size Engaged	1.187"	1.375"	1.750"	2.313"	3.125"
Reach	Short				
	1.30"	1.25"	1.30"	1.38"	1.74"
	Medium				
	N/A	2.05"	2.10"	2.20"	2.44"
	Long				
	1.95"	2.60"	2.60"	2.70"	3.14"
Approximate Weight	2 KG	5 KG	6 KG	9 KG	11 kg
Working Strength (110 KSI Material)	18,000 lbs	25,000 lbs	36,000 lbs	50,000 lbs	62,000 lbs

See next page for parts list.

Parts List					
Nominal Size	1.50"	2.00"	2.50"	3.00"	4.00"
Assembly Number	03-01-UPT-150-A0	03-01-UPT-200-A0	03-01-UPT-250-A0	03-01-UPT-300-A0	03-01-UPT-400-A0
Part Name	Part Number				
Fishneck	03-01-UPT-150-01	03-01-UPT-200-01	03-01-UPT-250-01	03-01-UPT-300-01	03-01-UPT-400-01
Retainer Segments	03-01-UPT-150-02	03-01-UPT-200-02	N/A	N/A	N/A
Upper Cylinder	03-01-UPT-150-03	03-01-UPT-200-03	03-01-UPT-250-03	03-01-UPT-300-03	03-01-UPT-400-03
Spring Retainer Lock Nut	N/A	03-01-UPT-200-05	03-01-UPT-250-05	03-01-UPT-300-05	03-01-UPT-300-05
Spring Retainer Nut	03-01-UPT-150-05	03-01-UPT-200-06	03-01-UPT-250-06	03-01-UPT-300-06	03-01-UPT-300-06
2 or 3 Position Core	03-01-UPT-150-07	03-01-UPT-200-07	03-01-UPT-250-07	03-01-UPT-300-07	03-01-UPT-400-07
Shear Pin Retainer	03-01-UPT-150-08	03-01-UPT-200-08	03-01-UPT-250-08	03-01-UPT-300-08	03-01-UPT-400-08
Dog	03-01-UPT-150-09	03-01-UPT-200-09	03-01-UPT-250-09	03-01-UPT-300-09	03-01-UPT-400-09
Dog Spring Washer	03-01-UPT-150-11	03-01-UPT-200-11	03-01-UPT-250-11	03-01-UPT-300-11	03-01-UPT-400-11
Pawls	03-01-UPT-150-12	03-01-UPT-200-12	03-01-UPT-250-12	03-01-UPT-300-12	03-01-UPT-400-12
Lower Cylinder (Skirt)	03-01-UPT-150-13	03-01-UPT-200-13	03-01-UPT-250-13	03-01-UPT-300-13	03-01-UPT-400-13
Core Spring	03-01-UPT-150-14	03-01-UPT-200-14	03-01-UPT-250-14	03-01-UPT-300-14	03-01-UPT-300-14
Dog Spring	03-01-UPT-150-15	03-01-UPT-200-15	03-02-GS-200-07	03-01-UPT-300-15	03-01-UPT-300-15
Set Screw	1/4" UNF x 3/16" LG	5/16" UNC x 1/4" LG	5/16" UNC x 1/4" LG	3/8" UNC x 1/4" LG	3/8" UNC x 3/8" LG
Shear Pin	3/16" x 1" LG	5/16" x 1-1/2" LG	5/16" x 1-3/4" LG	3/8" x 2.35" LG	3/8" x 2.78" LG

Speak with a Brace Tool sales representative to explore the different configurations available on this tool and discover how we can match your requirements.