

Flow-Release Spear

Thru-Tubing Technology | Product Code | WT-0304

Features

- Device for fishing downhole equipment with a damaged internal fishing neck
- A device for fishing tubular sections lost within the wellbore
- Can be supplied with a complete range of hardened slips for varying internal diameters
- A selection of nozzles to vary the activation flow rate are also available

Benefits

- Simple robust design
- Field redressable

The Flow-Release Spear is a device for fishing either:

- Downhole equipment with a damaged internal fishing neck
- Tubular sections lost within the wellbore

To engage the fish, simply set down weight allowing the slip to collapse into the bore. When an overpull is applied, the slips will take hold of the fish.

To release from the fish, simply set down weight and flow through the tool. This creates the differential pressure required to de-support the slip and allow it to collapse and release.

The Flow-Release Spear can be supplied with a complete range of hardened slips for varying internal diameters and a selection of nozzles to vary the activation flow rate are also available.

Standard tool and grapples are listed below but other sizes and grapples are available.



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Tool Size	2"	2-7/8"	3-5/8"	4"
End Connection	1-1/2" AMMT	2-3/8" PAC	2-3/8" PAC	2-3/8" PAC
Tensile Strength lbs	25,000	43,000	136,000	180,000
Length in feet	1.36	1.59	2.00	2.05
Working Pressure PSI	5,000	5,000	5,000	5,000
Minimum standard grapple size	1-3/8"	1-1/2"	2-5/8"	3-1/16"
Maximum standard grapple size	1-7/8"	2-3/4"	3-1/2"	3-7/8"

Other sizes, end connections and materials available on request. Properties quoted for standard service materials.