



Welltonic Flow Release Pulling Tool

The Welltonic Flow Release Pulling Tool is a cost effective means of engaging, locating and pulling on standard, internal fishing necks. This tool allows the operator to engage the fishing neck by either flowing to pump the latch back or mechanically by pushing the latch back and allowing the tool to snap into the profile.

The Flow Release Pulling Tool consists of a Top Sub, Core, Latch, Compression Spring and Housing. The Compression Spring keeps the Latch supported until an applied load pushes the latch back off of the core. Alternatively, flow through a nozzle fitted to the nose of the tool creates an internal pressure which actuates an unbalanced piston, allowing the latch to become de-supported and pass into the internal fishing neck profile.

The tool can be fitted with castellated housings for torque through applications as well as a variety of sizes of nozzles to suit specific operating parameters.

Features and benefits

- Simple robust design
- Mechanical and Hydraulic actuation
- Suit all standard Internal & GS profiles
- Field redressable

Technical Information

'GS' profile size	1-1/2"	2"	2-1/2"
Box Connection	1"AMMT	1-1/4"AMMT	1-1/2"AMMT
Tensile Yield	16,000 lbs	61,500 lbs	92,000 lbs
Torsional Yield	190 ft.lbs	870 ft.lbs	1,300 ft.lbs
OD	1.375"	1.750"	2.250"
ID	0.25"	0.438"	0.50"
Length	12.25"	15.38"	15.38"

'GS' profile size	3"	3-1/2"	5"
Box connection	2-3/8"PAC	2-3/8"PAC	2-7/8"PAC
Tensile Yield	160,000 lbs	160,000 lbs	250,000 lbs
Torsional Yield	2,800 ft.lbs	2,800 ft.lbs	5,300 ft.lbs
OD	2.875"	3.000"	4.500"
ID	0.50"	0.50"	1.00"
Length	17.56"	17.56"	18.88"

Typical connections are quoted above, other thread and tool sizes available on request.