

SLIMLINE XFR PULLING TOOL

APPLICATION

- Standard fishing operations
- Fishing operations with well bore restrictions
- Jetting and pick up operations

FEATURES

- Slimline design
- Flow activated
- Enclosed Spring
- Multi-function operation
- Fully adjustable activation pressure
- Easily redressed
- Interchangeable Grapples

ADDITIONAL INFORMATION

- All tools are supplied with Viton O-rings and music wire Springs. Other options available on request.
- Larger diameter, fluted Grapple housings are available for large bore operations.
- Tools are manufactured from mild steel as standard. Other materials are available on request.
- Bespoke designs available to suit specific diameters and job specific applications

The WellEnTech Slimline eXternal Flow-Release (XFR) Pulling Tool is a device for locating, engaging and retrieving tools with standard external fishing necks where restrictions in the well bore prevent standard XFR access. The Grapple can be functioned either mechanically or hydraulically in order to engage the fish and a strong spring ensures the Grapple is fully supported when located on the fish. Flow through the tool and a pull load disengages the tool from the fish.

TECHNICAL SPECIFICATION

OD (Inches)	Length (Inches)	Connection	Activation Pressure (psi)	Nominal External Fishing Neck Size	Tensile Strength (lbs)	Service	Assembly No.	Redress kit No.
2.18	11.80	1-1/2"AMMT Box	150	1.750	37,100	Std.	173-2180-A001	173-2180-R001
					27,000	H2S	173-2180-A002	173-2180-R002
2.720	11.80	1-1/2"AMMT Box	150	2.312	42,600	Std.	173-2720-A001	173-2720-R001
					31,000	H2S	173-2720-A002	173-2720-R002
3.115	15.13	1-1/2"AMMT Box	100	2.750	55,100	Std.	173-3115-A001	173-3115-R001
					40,100	H2S	173-3115-A002	173-3115-R002
3.600	15.31	2-3/8"PAC Box	100	3.125	71,700	Std.	173-3600-A001	173-3600-R001
					52,200	H2S	173-3600-A002	173-3600-R002

OPERATION

To mechanically function the tool, an axial downward load (in excess of the spring force) enables the Grapple to automatically engage the fish. The Spring then pushes the Grapple back to the supported position and an applied axial load causes the Grapple to become supported by the Main Body. This over pull will verify engagement with the fish.

To release, fluid flow through a Nozzle fitted to the nose of the stem creates an internal pressure which pumps the Grapple back to the de-supported position enabling the Grapple to be pulled free from the fish. The pressure at which activation occurs is adjusted by simply changing out the Nozzle orifice dia.

