

IRIS Tool Catcher



The IRIS consists of a series of hinged fingers that are sprung loaded closed. The fishing neck profile opens the fingers as the tool string is pulled up but they will catch on the profile when the direction is reversed. A simple hydraulic piston opens the fingers to release the tool string when required.

An inverted IRIS assembly is placed at the top to facilitate the loading of the tool string and provides a full 3in through bore. The inverted IRIS prevents the tool string from passing in the reverse direction to ensure that the stuffing box or greasehead is fully protected. Innovative design ensures that the stresses in the fingers are minimised to guarantee they cannot be broken with the impact of the tool string.

Phuel has expanded the capabilities of the standard tool catcher to give the wireline operator more flexibility and additional features. The IRIS Tool Catcher automatically adapts to any size of fishing neck to eliminate the need for time-wasting redress operations. The revolutionary IRIS design also allows the complete tool string to be passed through the tool catcher from above, to save even more operational time and effort.

A rubber damper unit ensures that the tool string is decelerated under controlled conditions and avoids the risk of impact on delicate instruments and gauges.



The IRIS Tool Catcher is ideal for operators needing to use different fishing neck sizes and wish to reduce wasted operational time. Contact us to find out more.

**A FLEXIBLE
APPROACH,
IMPROVED SAFETY
AND EFFICIENCY
THROUGH DESIGN**

Phuel Oil Tools Ltd
Unit 17
Denmore Industrial Estate
Denmore Rd
Bridge of Don
Aberdeen AB23 8JW

Tel: 01224 820 016
info@phueloiltools.com

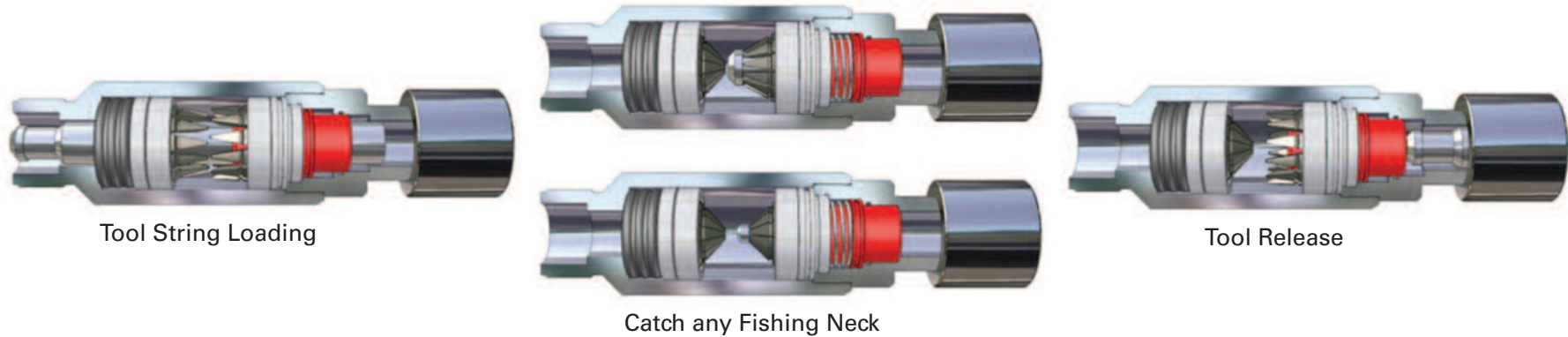
www.phueloiltools.com

IRIS Tool Catcher

TECHNICAL DATA

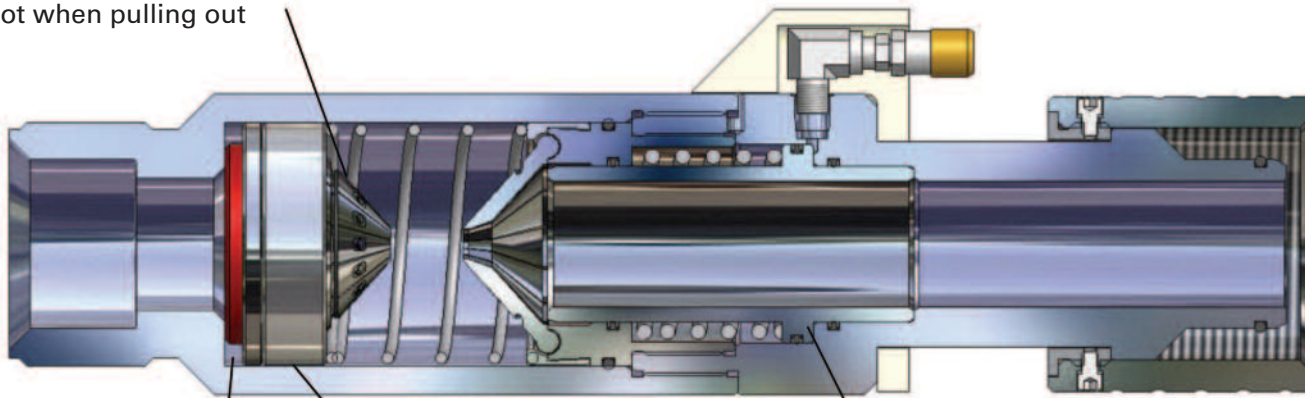
Typical Data
Special cersions are available upon request

Connection Type	5-3/4-4 ACME
Operating Pressure	10,000 Psi
Service	H2S



Inverted IRIS Fingers allow the tool string to pass while loading but not when pulling out

Revolutionary IRIS Fingers automatically adapt to suit any fishing neck size



Energy Damper absorbs any impact damage and reduces the shock on the tool string

Inverted IRIS can be removed to accommodate long fishing necks [spacer supplied as standard]

Hydraulic piston moves to open the fingers even when under load [up to 1.8 tonnes]

