

# Providing Solutions For Your Drilling Operations

## Drilling Disconnect Tool

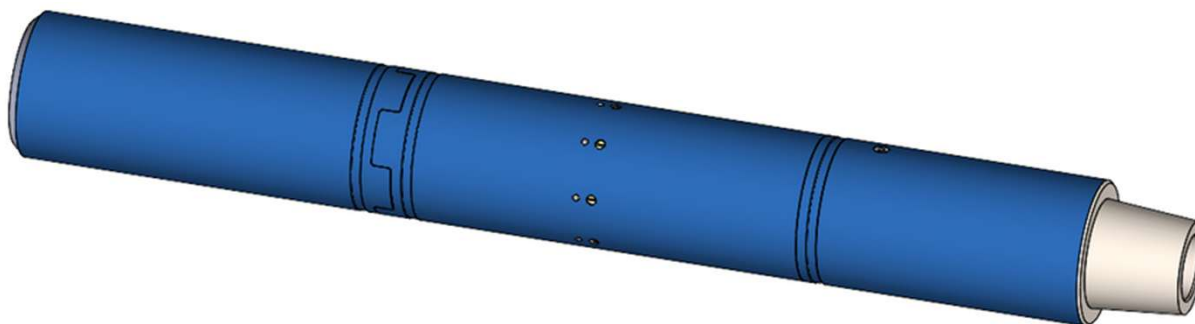
Drilling tool which allows temporary suspension of well in Karstic formations

### Who We Are

Knight Engineering Solutions Ltd was established in 2019 and is based within Aberdeenshire, Scotland. KES Ltd is comprised of personnel with varying skillset and experience within the oil and gas sector and the company specialises in prototype design, development and parts manufacture.

Our sister company known as Drilltools Ltd were well known within the industry supplying patented Non Return Drilling Valve or conventionally known as float valve which were design and manufacture according to API Spec7NRP standard.

### About The Tool



#### Features

- Slick 7" OD for fishing with overshot
- 3 1/8" fishing with spear
- Optional GS type fishing profile
- Activation ball and internals retrieve when disconnect activated

#### Benefits


- Drop ball activated for positive activation
- High torsional and tensile capability
- Leaves defined fishing profile when activated
- Compact size

### Contact Us

#### Tredwell

Formerly known as Brave Engineering Services Technical Sdn Bhd  
23-03A, Binjai 8 Premium Soho,  
Lorong Binjai, 50450 Kuala Lumpur,  
Kuala Lumpur, Malaysia.

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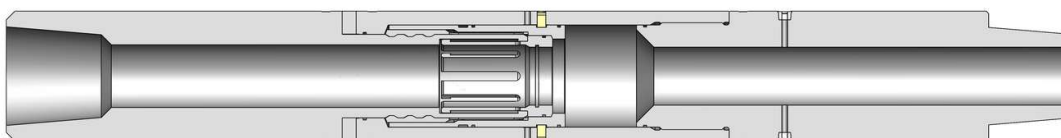
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## Drilling Disconnect Tool

Drilling tool which allows temporary suspension of well in Karstic formations

### Specification



#### Equipment Dimensions

Tool OD	Ø7.000"
Tool ID	Ø3.125"
Threads on Length	57.500"
Threads Off Length	53.000"
Weight	425 lbs (193kg)
Connection Type	PO Specified Box & Pin

#### Operational Specifications

Working Pressure Rating	10,000 psi
Maximum Working Temperature Rating (HNBR/ Nitrile)	150°C
Maximum Working Temperature Rating (FKM/AFLAS)	200°C

#### Yield Specifications

Tensile Yield (at 20°C WT)	500,000 lbs
Torsional Yield (at 20°C WT)	59,000 lb-ft

#### Make Up Torque Values

Top Sub/Bot Sub (Minimum)	30,700 ft-lbs
Top Sub/ Bot Sub (Maximum)	35,500 ft-lbs

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