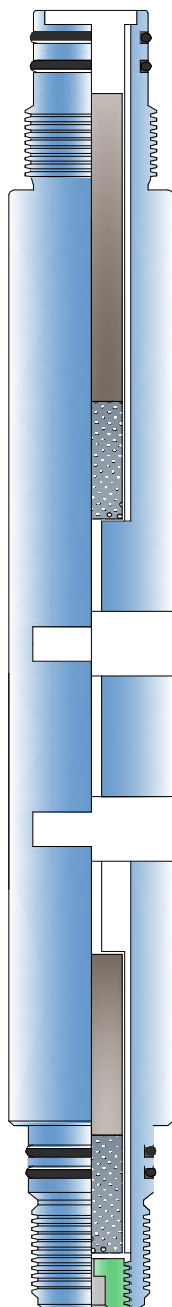




# MULTI-PURPOSE SUB



## Description and Operation

The Multi-Purpose Sub is designed to eliminate most of the parts assembly above your Chemical Cylinder. The Multi-Purpose Sub features a top Gas Generator Chamber and a bottom Gas Generator Chamber separated by the Anchor Slip section. This part features 6-Direct Action Slips with retraction mechanism housed internally in the Multi-Purpose Sub

When this unit is used, the Double Pin Firing head is screwed directly on the top end.

Each Gas Generator Chamber houses an Ablative Heat Shield around a metal Spacer used as a Heat Sink.

The Multi-Purpose Sub also features a choke on the Bottom end of the Gas Generator Chamber to control pressure surge within the Chemical Cutter tool assembly. This Choke can vary in size depending on the Bottom hole Pressure.

## Application

- Economical Chemical Cutter Multi-Purpose Sub

## Benefits

- Low Cost
- Simple Design
- Reliable operation
- Less assembly parts above The Chemical Cylinder

## Features

- Includes most common Thread profile used on Chemical Cutter Cylinders
- Available in standard and HTHP materials
- Adjustable Choke size
- Reliable Anchor-Slip Retraction Mechanism
- Built-in Firing Sub Adapter Allowing direct connection To Firing Heads
- Can be combined with Secure detonators

Size† (in. [mm])	Weight (Lbm)	Tubing Max. OD (in. [mm])	Temperature Rating °F [°C] for 1 hr	Pressure Rating PSI [Mpa]
<b>1.387 [34.93]</b>		2.375 [60.30]	350°F [260°C] for 1 hr	15000 PSI [104 Mpa]
<b>1.500 [38.10]</b>		2.375 [60.30]	350°F [260°C] for 1 hr	15000 PSI [104 Mpa]
<b>1.562 [38.68]</b>		2.375 [60.30]	350°F [260°C] for 1 hr	15000 PSI [104 Mpa]
<b>1.687 [42.86]</b>		2.375 [60.30]	350°F [260°C] for 1 hr	15000 PSI [104 Mpa]
<b>1.750 [44.45]</b>		2.875 [73.03]	350°F [260°C] for 1 hr	15000 PSI [104 Mpa]
<b>1.875 [47.63]</b>		2.875 [73.03]	350°F [260°C] for 1 hr	15000 PSI [104 Mpa]
<b>2.000 [50.80]</b>		2.875 [73.03]	350°F [260°C] for 1 hr	15000 PSI [104 Mpa]
<b>2.125 [53.98]</b>		2.875 [73.03]	350°F [260°C] for 1 hr	15000 PSI [104 Mpa]
<b>2.250 [57.15]</b>		3.500 [88.90]	350°F [260°C] for 1 hr	15000 PSI [104 Mpa]
<b>2.375 [60.30]</b>		3.500 [88.90]	350°F [260°C] for 1 hr	15000 PSI [104 Mpa]
<b>2.500 [63.50]</b>		3.500 [88.90]	350°F [260°C] for 1 hr	15000 PSI [104 Mpa]

† Other sizes available on request