

## **DOWNHOLE FILTER SUBS**

### **FLEXIBILITY AND PERFORMANCE**

We offer Filter Subs in all sizes and connections as well as in Non-Magnetic and Steel, giving you the ability to place in multiple locations in the BHA or above. While designing our filter subs we conducted expert engineering and metallurgy studies and kept in mind the total flow area around and through the filter, which allows our customer to pump at maximum flow rates without the worry of erosion. Due to the engineering of the filter's creatively designed port holes, we have also significantly reduced the possibility of total plug up.



*Mason Specialty Tools-Downhole Filter Sub*

### **SAFETY FIRST**

From the design phase to the BHA application of all filter subs, we keep safety our first priority. All of our subs are only 6 foot long for easy and safe handling on the rig floor. We also designed a filter that can be placed in and taken out of the sub with ease. We have certified PE's that have and continue to aid in the research and development of each type of metal and design being used for all subs, filters, and other various parts included in our package.

### **NON-MAGNETIC FILTER SUB RENTALS**

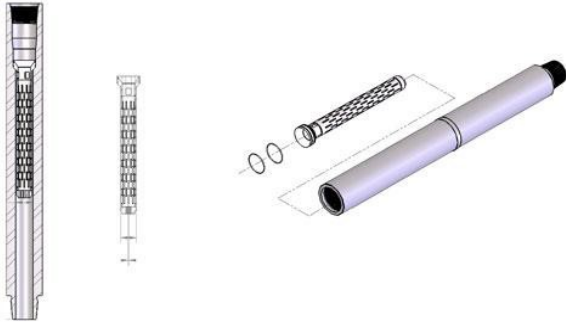
Through our studies, we learned that no one was offering a Non-Magnetic Filter Sub for rent. So we took advantage of this short coming, and offer these Filter Subs for rent in the highest quality Non-Magnetic that is sold in the market today.

**All of our Filter Subs are API Spec 7-1.**

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*"If we don't carry a screen that fits the conditions in which you are drilling, we have the resources to quickly design and produce a screen that will."*

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*Filter Sub assembly breakdown*

## LET IT FLOW

Research on flow simulated software, providing all maximum flow rates, pressure drops across tool when empty and filled up to by-pass port holes. Extensive and continuing metallurgy studies giving us the ability to provide one of the best products in the drill string used for filtration today.

## Available Connections

(In both Steel and Non-Mag)

4 3/4" NC38

6 1/2" NC46

6 3/4" NC50

8 1/4" 6 5/8" Reg

9 1/2" 7 5/8" Reg

## INGENUITY

MST has taken filter subs to a whole new level by acquiring two patent pending filter designs. The first is a filter sub allowing the retrieval of the filter which is resettable from the rig floor. The second is a filter sub with the capabilities of retrieving an MWD source.

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## Contact Us

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