## **Key Features**

- Activation or Flow Only Ball Drop
- Wellbore Orientation Vertical or Horizontal
- Minimal Pumping Capacity Required 3bbls
- Effective in Partial or Total Lost Circulation Environments

## **General Tool Specfications**

Tool OD 3-5/8" Top Sub, Fishing Neck Portion OD 3-1/8" Top Sub, Tool-Adjoining Connection Portion 3-5/8" Borehole Size Range OD 4-1/2"-7" Length of Tool 22.5" Weight of Tool 40" Length of Tool including Adapters 90lbs Weight of Tool Assembly, including Adapters 23/8" Tool Connection, Top Sub Upper Overshot Tool, Upper (Box) Overshot Tool, Lower (Pin) 2-3/8" X-Over Adapter OD 3-1/8" X-Over Adapter, Upper (Box) 2-3/8" X-Over Adapter, Lower (Pin) 2-7/8" X-Over Adapter, Lower, Screen Thread 1"

## **Operational Parameters**

Optimal Flow Rate4.5-5 bbl/minuteCollection Chamber, Pipe Sizemultiple sizesCollection Chamber, Number of Joints20Maximum Make-Up Torque, ft lbs1,800 ft lbsMaximum Tensile Yield, lbs1,800 ft lbs

## **Key Features**

Activation
Wellbore Orientation
Minimal Pumping Capacity Required
Effective in Partial or Total Lost Circulation
Environments

Flow Only or Ball Drop Vertical or Horizontal 3bbls

