



VENTURI JUNK BASKET

NEXT GENERATION MILLING TECHNOLOGY

The Venturi Junk Basked is used to remove debris from the wellbore. Using the “Venturi” Principle this tool functions similar to a vacuum cleaner and allows solids to be stored in an integral debris chamber and transported to surface for safe disposal.

Internally there are uni-directional “Finger Catches” that prevent debris from falling out, and “Flutter Cages” to catch finder sedimentary debris. Can be ran in conjunction with wash over shoes, mud motors and Fishing Tools.

Design Features:

- Interchangeable Nozzles Allows for Various Flow Rates & Suction Pressures
- Debris Chamber Capacity can be Enlarged by Adding Wash Pipe Extensions
- Can be Operated by Pumping Fluid, Gas or a Combination of Both
- Can be Used in Conjunction with Mud Motors
- Finger Catch Sub Available as a Stand-Alone Item

TOOL OD	MINIMUM YIELD POINT & LOAD TO YIELD	TORSIONAL WEAK & ft-lbs TO YIELD	RECOMMENDED MAKE-UP-TORQUE (ft-lbs)
57.15mm 2.250"	Pin Connection on Venturi Section PN-TT0320-206-A-006; Load to Yield: 38,787 daNs/ 86,883 lbs	2-1/16" CWP Connections Torsional: 1,067 ft-lbs, 2-1/4" CWP Connections Torsional: 1,308 ft-lbs	1st Connection: 2-1/16" CWP- 267 ft-lbs 2nd Connection: 2-1/4" CWP- 327 ft-lbs
52.4mm 2.063"	Pin Connection on Venturi Section PN-TT0320-206-A-006; Load to Yield: 38,787 daNs/ 86,883 lbs	2-1/16" CWP Connections Torsional: 1,067 ft-lbs	1st Connection: 2-1/16" CWP- 267 ft-lbs
79.4mm 3.125"	3-1/8" CWP Box Connection at 62982 daNs/ 141,080 lbf (Top connection of tool is not taken into consideration, since the top connections varies as per customer request)	CWP Connections at 4,825 ft-lbs	1st Connection: Top Sub & Venturi Section CWP Connection- 1,206 ft-lbs 2nd Connection: Venturi Section & Screen Housing CWP Connections- 1,206 ft-lbs 3rd Connection: Screen Housing & Cage Housing CWP Connection- 1,206 ft-lbs
*3.125" OD BURST POINT & BURST PRESSURE:		Top Sub and Nozzle Carrier Rotational Connection- 116.74 MPa/ 16,933 PSI, 3-1/8" CWP Connection- 35.1 MPa/ 5,091 PSI	