

# TOOL SPECIFICATION

## Tool: Helix Multi Stimulation Technology



The principal of the Helix tool is to manipulate fluids, gases or mixtures in order to produce dynamic turbulent flow while conducting cleanout operations to remove scale, paraffin, sands and other debris from the tubing, casing and near-wellbore damage which may have been caused naturally or mechanically during the life of a well.

The Helix technology is very effective in both Coil Tubing Operations and Rig Workover Operations (Pulling Rig). The technology is implemented to enhance the effect of water, nitrogen, acidizing, solvents, surfactants and other chemicals that are utilized during work-over operations.

- No moving parts or Elastomers
- Robust design
- Short bottomhole assembly applications
- High tensile loads
- Can be used with industry extended reach tools High temperature friendly
- Compatible in most Chemical and Fluid Environments



\*Note. All values are rated for STD material.

Tool OD	1-1/4"	1 11/16"	2"	2-3/8"	2 7/8"	3 1/8"
Connections	3/4" AMMT	1" AMMT	1 1/2" AMMT	1 1/2" AM MT	2 3/8" PAC	2 3/8" PAC
Tensile Strength (lbs)	18,000 lbs	58,000 lbs	69,000 lbs	117,000lbs	139,000 lbs	152,000 lbs
Torsional	N/A	N/A	N/A	N/A	N/A	N/A
Strength ID (in)	N/A	N/A	N/A	N/A	N/A	N/A
Length (in)	15.615"	13"	14"	21"	21"	23"
Working Pressure (psi)	3000 psi/ 3 bbls/min	3000 psi/ 3 bbls/min	3000 psi/ 3 bbls/min	3000 psi/ 3 bbls/min	1800 psi/ 6 bbls/min	1800 psi/ 6 bbls/min

\*\*\*Pressures and Volumes can vary depending on the orientation of the ports and type of operation that is conducted. The turbulent velocity of the fluids and gases can be as high as 1:7 ratio for a distant no shorter than the diameter of the combined TFA of the ports and as high of 30X the distant of the ports.\*\*\*



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