



TETRA AdvanceClean® Brush Tool

ADVANCECLEAN® TOOLS

Overview

The TETRA AdvanceClean Casing Brush Tool is run as an integral part of the drill-string to brush the casing wall as the pipe is run in hole. It can be run as part of most drilling/milling/polishing assemblies, as a stand-alone device or with other down-hole tools as part of the clean-up system.

Six (6) brush pads are mounted within the mandrel altogether offering 360° of casing wall coverage. Installed in each brush pad are six rows of bristles. The spring-activated pads are forced outwards against the casing wall. The pad pressure can be customized to well geometry.

The mandrel which houses the brush pads acts as one piece and rotates with the brush pads. This tool can be rotated within torque restrictions and reciprocated without fear of damage to the casing or to the tool itself. While running in hole, it is good practice to break circulation and reciprocate the pipe regularly every 5,000 ft to disperse and enhance the clean-up of debris build-up.



Design Specifications

Description	Brush Tool
Current Model Numbers	TA-500, TA-550, TA-700, TA-900
Sizes Available	See table below
Material	4145
Temperature rating	Not limited
Maximum rotational speed	90 RPM
Maximum RIH/POOH speed	150 ft/min
Thread connections	See table below

Model	Casing Range	API Conn	Length (in)	Bore In	Tool Wt. lbs	Created Wt. lbs
TA-500	4 ½" thru 5 ½"	2 ¾ REG	45	1	91	101
TA-550	5 ½" thru 6 ¾"	2 ¾ REG	45	1 ¼	126.1	136.1
TA-700	6 ¾" thru 8 ¾"	3 ½ IF or 3 ½ REG	61	1 ½	197.6	215.6
TA-900	8 ¾" thru 13 ¾"	4 ½ IF	61.25	2 ¼	460.2	502.2