

## VARIABLE MULTI JET WASH TOOL



### TOOL APPLICATIONS

The Multi Jet Wash Tool has multiple ports located on the sides and the bottom of the tool. The Jet Tool is installed with interchangeable hardened nozzles to withstand excessive wear due to the high-pressure fluid.

The configuration of the flow nozzles will be determined by the maximum pump rate and pressure that the Coiled Tubing can withstand, as well as the maximum bottomhole pressure that the well can tolerate.

The nozzle can be used for jetting chemicals or lifting a well with Nitrogen.

There are no O-rings or sealing elements in the nozzle, so there are no temperature range limitations.

TTT currently offer three sizes of nozzle, as detailed in the Specification table below.

### FEATURES AND BENEFITS

- Customised Nozzles can be supplied to suit client needs
- Simple, robust design ensuring ease of operation for the end user
- Hexagonal flats for safe make-up & break-out
- Connection options to suit customer requirements
- Corrosion resistant materials

### SPECIFICATIONS

Technical Variable	Units	Size			
		1 1/16"	2 1/8"	2 7/8"	
Max OD	in	1.687	2.125	2.875	
Connection	Box	1" AMMT	1 1/2" AMMT	2 3/8" PAC DSI	
Make Up Length	in	8.25	9.40	10.75	
Working Pressure	psi	5,000	10,000	5,000	
Strength	SWL	lbs	47,745	72,901	121,140
	Yield	lbs	53,050	81,001	134,600
	UTS	lbs	66,312	101,251	168,250
	Torsional	ft.lbs	510	1,128	4,327
Make Up Torque	ft.lbs	500	900	3,250	

Nozzle Size	Flow Area for each nozzle for each size of tool (in <sup>2</sup> )		
	1 1/16"	2 1/8"	2 7/8"
Blank	0	0	0
0.062	0.051	0.051	0.051
0.094	0.118	0.118	0.118
0.125	0.209	0.209	0.209
0.187	0.459	0.459	0.459
0.218	0.629	0.629	0.629