

VARIABLE JETTING NOZZLE

APPLICATION

- Standard Jetting operations
- Clean out runs
- Debris circulation
- Nitrogen lifting
- Spotting operations
- Well Stimulation operations

FEATURES

- One piece design
- Standard NPT ports
- Multi-function operation
- Fully adjustable jet orientation and size
- Easily redressed

ADDITIONAL INFORMATION

- Common sizes are shown, other sizes available on request.
- Tools are manufactured from mild steel as standard. Other materials are available on request.
- Bespoke designs available to suit job specific applications.

The WellEnTech Variable jetting nozzle is a ported sub which is run at the bottom of a tool string. It provides a means of directing high velocity fluid exactly where it is needed. The numerous port locations enable the user to select orifice size and location to enable numerous jetting operations, without need to use different tools for each run.

TECHNICAL SPECIFICATION

OD (Inches)	Length (Inches)	Connection	Nozzle	Tensile Strength (lbs)	Service	Part No.
1.688	6.50	1"AMMT Box	12 x 1/8" NPT	62,400	Std.	130-1688-ST01
				45,400	H2S	130-1688-SH01
1.750	6.50	1-1/4"AMMT Box	12 x 1/8" NPT	76,000	Std.	130-1750-ST01
				55,200	H2S	130-1750-SH01
2.125	8.00	1-1/2"AMMT Box	17 x 1/8" NPT	116,500	Std.	130-2125-ST01
				84,700	H2S	130-2125-SH01
2.875	9.50	2-3/8"PAC Box	17 x 1/4" NPT	218,500	Std.	130-2875-ST01
				158,900	H2S	130-2875-SH01

OPERATION

The jetting nozzle is configured at surface. The operator decides, prior to running in hole, what flow area is required and in what orientation the nozzles need to be, e.g. up jetting, down jetting, side jetting or a combination. The ports which are not required are simply blanked off using standard NPT plugs. With the nozzles being NPT threads they can be readily fitted and replaced.

