

HYDRAULIC TUBING END/NIPPLE LOCATOR

APPLICATION

- Nipple location
- Tubing end location

FEATURES

- Short, compact design
- Adjustable indication load
- Multiple use
- Interchangeable dogs to suit range of sizes
- 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 Hydraulic Tubing End/Nipple Locator provides a means of locating the end of a tubing string or nipples within a wellbore. The tool is activated by hydraulic pressure. Meaning the dogs are retracted while running in and out of hole thereby reducing drag forces and preventing the dogs from rubbing against the casing wall. The spring loaded Dogs provide a positive indication that the tubing end or nipple has been located.

TECHNICAL SPECIFICATION

| OD (Inches) | Length (Inches) | Dog OD (Inches) | Connections | Tensile Strength (lbs) | Service | Part No. |
|-------------|-----------------|-----------------|-------------|------------------------|---------|---------------|
| 1.688 | 18.5 | 1.875 to 2.25 | 1" AMMT | 30,000 | H2S | 216-1688-A001 |
| | | | | 41,200 | Std. | 216-1688-A002 |
| 2.125 | 22.6 | 2.25 to 3.25 | 1-1/2" AMMT | 49,500 | H2S | 216-2125-A001 |
| | | | | 68,000 | Std. | 216-2125-A002 |
| 2.875 | 32.5 | 3.25 to 5.25 | 2-3/8" PAC | 66,900 | H2S | 216-2875-A001 |
| | | | | 92,200 | Std. | 216-2875-A002 |

OPERATION

The WellEnTech Hydraulic Tubing End/Nipple Locator is deployed as part of a tool string where a tubing nipple or tubing end needs to be located for depth correlation. The tool is run in hole in the collapsed position and is generally run past the assumed position of the nipple or tubing end. Flow through the tool is increased and the pressure generated by the Nozzle pushes the Piston and Mandrel upwards energising the Dogs. The tools string can then be manipulated upwards until an over pull is witnessed. At a predetermined over pull the dog will release from the Nipple or tubing end. Manipulation of the tubing both upwards and downwards will produce the same result, verifying the position of the nipple or tubing End. Once completed, flow is stopped and the dogs are retracted back into the tool.

