



SECTION VIII: TEST TOOLS & CHECK VALVES

Modified Type 'PORN' and Type 'POXN' Test Tool Plug Assembly

Modified Test Tool Plug Assembly holds pressure from above only. For this reason the 'V' Packing on the Lock Mandrel and the Prong face upwards.

The Lock Mandrel is run with or without Keys into NON SELECTIVE Nipple (Bottom No-Go).

A. Running with Keys:

- Use appropriate Running Tool.
- Use Check Set Tool to ensure proper setting of the Lock Mandrel.
- Run the Prong into the Lock Mandrel with appropriate '**ROTSB**' Pulling Tool size. The Prong will seat itself, in the No-Go Sub attached to the Lock Mandrel, stopping by the bottom No-Go on the Prong

B. Running without the Keys:

- The position of the Fishing Neck and Expander Sleeve, (Parts of the Lock Mandrel) can be open or closed. For this reason the Prong can be inserted into the Plug and the whole assembly run on appropriate '**ROTSB**' Pulling Tool size.

C. Pulling the Plug Assembly without the Keys:

- When pulling the Plug Assembly with appropriate '**ROTSB**' Pulling Tool size, it is not uncommon that the Plug (Lock Mandrel with the Prong) is recovered together. If there is any sand or scale to hold the Plug, the Prong will be recovered first, and the Lock Mandrel is retrieved with appropriate '**ROTGS**' Pulling Tool size.

D. Pulling the Plug Assembly with the Keys:

- Use appropriate '**ROTSB**' Pulling Tool size to pull the Prong first.
- Use appropriate '**ROTGS**' Pulling Tool size to pull the Lock Mandrel.

NOTE: The advantage of the Modified Test Plug (with extra-long Prong) use is that it minimizes the risk of being stuck beneath sand or scale after pressure testing the Tubing.

When ordering: Specify the Type and Size of the Lock Mandrel and desired Length of the Prong.

