

PDQ Shoe Track™

The Davis-Lynch **PDQ Shoe Track™** system combines the shoetrack into a 6' single piece unit with only one casing thread connection needed. **Designed to improve open toe cementing and frac completion well designs**, the PDQ system is comprised of a 15K back pressure rated four (4) valve system, latch-down wiper plug profile, guide nose options of rounded or eccentric design type made of composite or aluminum materials. Additional options of reamer blades or jetted profiles are also available. The one-piece external case body is designed with a lifting neck profile for ease of safe handling and installation on the rig floor.



FEATURES

- Designed and manufactured in the USA, ensuring premium quality and timely delivery
- Industry proven 15K pressure rated dual double PVTS valve configuration
- Built-in latch-down plug landing receptacle profile for use with FDL latch down wiper plug systems with multiple landing seats for use with multiple size dissolvable balls
- Choice of many high-performance float shoe nose designs in aluminum and composite materials
- Reamer shoe and jetted Nose configuration options also available
- Available in PDC drillable Davis-Lynch PVTS aluminum valves or severe service cast iron valves for extreme well bore conditions, for use with heavy mud weights and high BHST well temperatures

DESIGN HIGHLIGHTS

- A one-piece design with only 1 (one) casing thread make-up connection
- The design includes an OD profile to provide a lifting neck to allow for easy rig handling and casing string make-up on the rig floor
- Designs can match most casing grade materials and casing threads
- Dual Double 15K psi high back pressure float valve design (4 valves) ensures positive sealing in vertical, horizontal, and deviated wells with a mechanically retained viton coated poppet valve and protected valve spring
- Built from field proven Davis-Lynch PVTS Float Valves that have been tested to API 10F Test rating of D24-R10-T400-P15
- The PDQ design covers casing sizes of 4-1/2", 5", 5-1/2" and 6", with larger casing sizes available by request and further design
- Exceptional quality built with full traceability of component materials starting from the mill material certificates to well site delivery

BENEFITS

- Reduction in cost of threaded connections (\$1200 - \$4000 minimum savings)
- Provides optimal reduced length shoe track integrity (6' +/-)
- For use with anticipated high differential pressures when running casing and at the end of primary cementing displacement
- Increases usable pay zone length
- Improves shoe joint integrity and reduces leak points in the casing string
- Four (4) reliable top fill float check valves that provide well control while running casing
- Eliminates need for separate landing collar for latch-down wiper plugs
- Compatible with all mud types (WBM, OBM, and SBM)
- Provides well test set-up options for completion operations

Copyright © FORUM ENERGY TECHNOLOGIES, INC. All rights reserved. DWN-PDQ-ST.1.22