



Downhole Products
A Varel International Energy Services Company

EXPAND-O-LIZER™ ES – EXTREME SERVICE



- The Engineered solution for under reamed hole applications
- **NEW** Non-welded, robust one piece design, suitable for onshore installation reducing Rig-time costs and HSE exposure
- Downhole Products EXPAND-O-LIZER™ ES unique design (Design right pending) significantly reduces running forces through the intermediate casing. Providing excellent stand-off in the open hole section ensuring ideal conditions for uniform cementation and preventing channeling. (*Product specification data available*)
- Downhole Products EXPAND-O-LIZER™ ES is the only under reamed hole centralizer provided to the market where test conditions **EXCEED** API 10D requirements as under reamed hole applications **EXCEED** the demands of well conditions where standard bow type centralizer's are utilized. (*Test data available*)
- Downhole Products EXPAND-O-LIZER™ ES utilizes a single integral bi directional Drive Collar c/w Engineered high holding force set screws (60% improved holding force on traditional set screws). The single Drive Collar design pulls the centralizer through the intermediate casing reducing Start and Running forces by 30-40% over traditional stop collars

The EXPAND-O-LIZER™ 'ES' is the engineered solution for a complete under-reamed casing operation, ensuring the best possible conditions for cement placement.

For Further Information please contact:

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