

FLUSH OD



ULTRA-HIGH  
TORQUE



GAS-TIGHT

# HIGH TORQUE, CLEARANCE & PREMIUM SEALABILITY FOR CHALLENGING APPLICATIONS

- HIGH TORQUE FLUSH
- 4-1/2" TO 9-7/8"
- PREMIUM SEALABILITY AT HIGHEST TORQUE



# VAM® HTF-NR

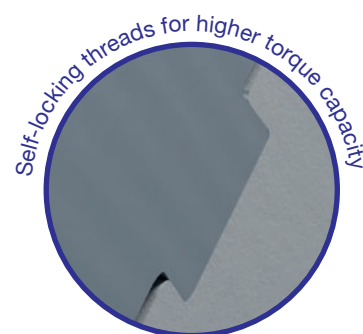
## PREMIUM SEALABILITY UNDER EXTREME TORQUE

VAM® HTF-NR is a full flush connection combining maximum clearance with extreme high torque and unrivaled sealability.

Featuring a self-locking dovetail-shaped thread, it is the ideal choice for challenging applications such as ERD, slim holes or Drilling with Casing.

### PERFORMANCE

- Internal pressure rating: 100% pipe body
- Collapse rating: 100% API 5C3
- Tension capacity: up to 65% pipe body with sealability
- Compression capacity: up to 40% pipe body with sealability (and structural resistance up to 73% pipe body)
- Bending capacity: up to 20°/100 ft under combined loads
- Gas sealability validated in line with API RP 5C5:2017 CAL-II / ISO 13679:2019 CAL-IV, including at MTS (Maximum Torque with Sealability).



### APPLICATIONS

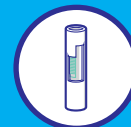
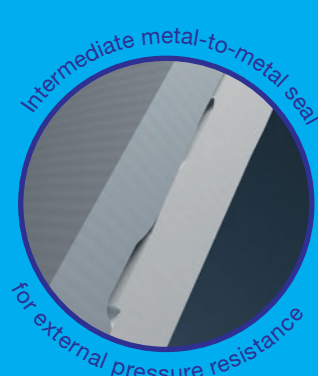
- Slim holes
- HP/HT wells
- Extended Reach Drilling (ERD) and highly-deviated wells with long laterals
- Drilling with Casing / Reaming with Casing
- Rotating while cementing
- Production Casing, tie-backs and liners

### PRODUCT RANGE

**OD:** 4 1/2" to 9 7/8"

**Grades:** Carbon Steels including SS, 13Cr, S13Cr

**YS:** 80 to 125 ksi



#### FLUSH OD

100% flush connection maximizes clearance for smooth run-in-hole and cementing operations



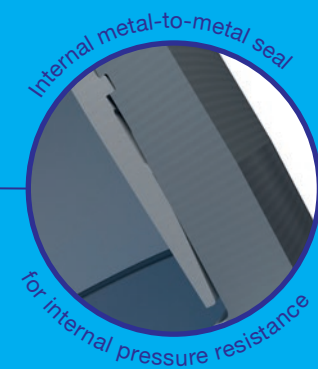
#### ULTRA-HIGH TORQUE

Structural performance and sealability fully preserved when rotating the string through highly deviated and long lateral sections

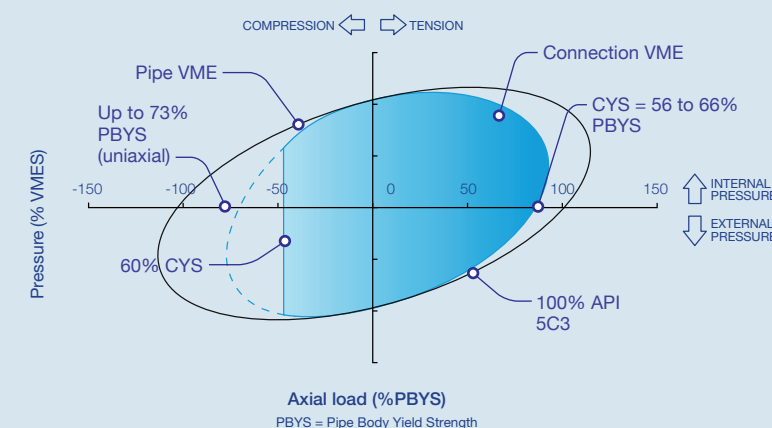


#### GAS-TIGHT

Validated for critical applications, even at highest torque levels, for optimal safety & efficiency



### VAM® HTF-NR PERFORMANCE ENVELOPE



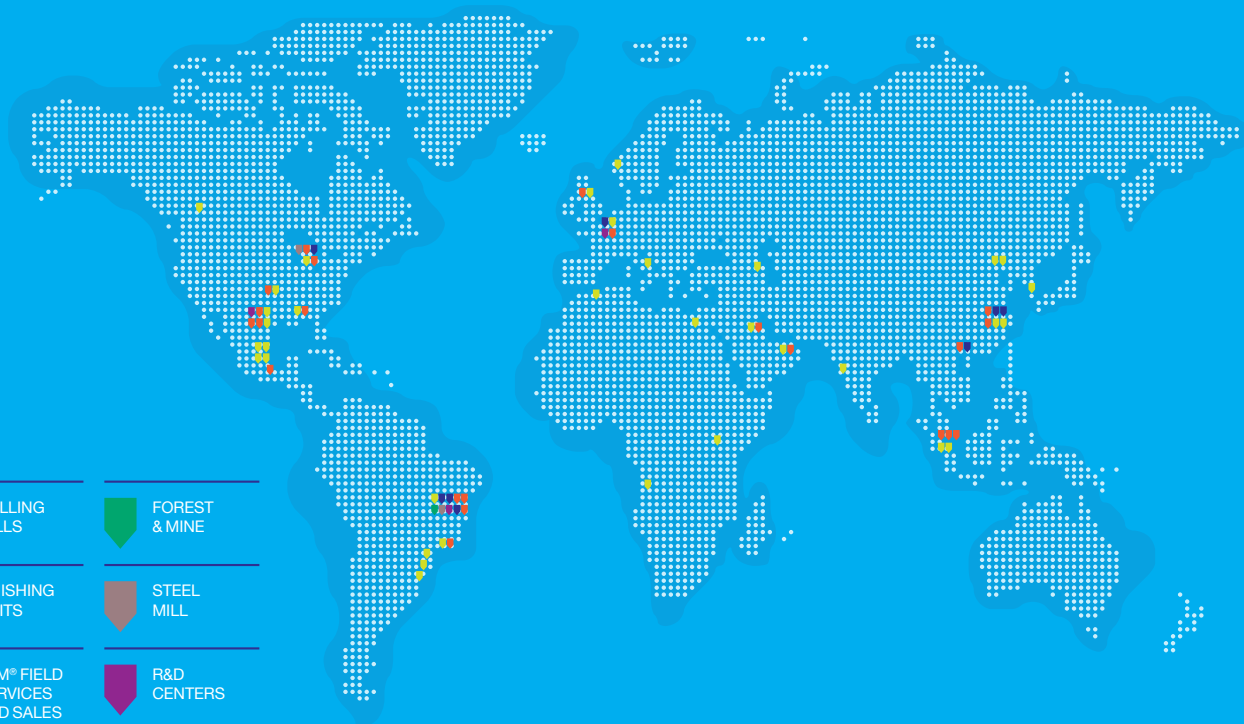
### PROVEN PERFORMANCE IN THE FIELD

With the highest rotational torque available on the market, VAM® HTF-NR maintains its premium sealability at all times. The connection is proven in the field, with more than 54,000 joints measuring a total of 2,000,000 ft delivered worldwide for different operators.

VAM® HTF-NR is designed for ease of use and optimal productivity:

- No need for bump torque
- Low back-out (< 1.5%)
- Low reject rate (< 0.5%)
- Clear graphs
- Consistent "locking torque"

YOUR PARTNER, SETTING  
THE PACE FOR INNOVATION  
AND PERFORMANCE  
EVOLUTION



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