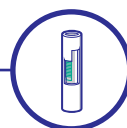




HIGH  
PERFORMANCE



SLIM  
DESIGN



SAVES  
RIG TIME



ENHANCED  
SOLUTION FOR  
EXTREME STRENGTH  
WITH CLEARANCE

FLUSH  
CONNECTION

10 1/8" TO 18"



# VAM® BOLT-II

## A FLUSH CONNECTION PROVIDING SUPERIOR STRENGTH WITH CLEARANCE.

VAM® BOLT-II offers an improved connection design. This new generation of flush connections provides superior performance and higher torque capacity, covering an extended size range and material validation. Fast to make-up, it is the ideal connection for large bore subsea well heads.

### DESIGN

- 100% flush connection
- Double metal-to-metal seal to provide internal and external pressure tightness
- Dovetail thread design locks pin and box and prevents jump out
- Quick make-up in just 3 turns thanks to double start thread
- Internal pin end chamfer to ease tools running
- Designed for easy running, break-out resistance and optimized mechanical integrity

- Performance validated on High Collapse grades for medium OD

### APPLICATIONS

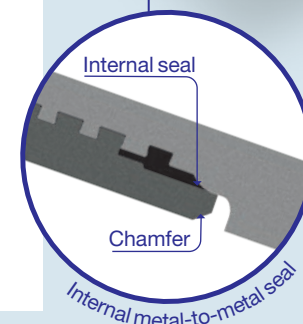
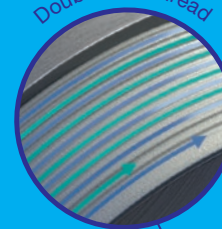
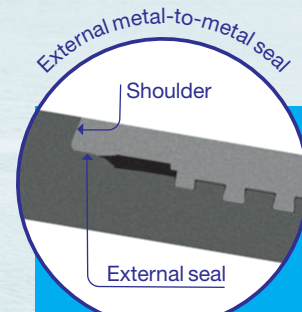
- Deep offshore wells
- Surface and intermediate casing and liners
- Large bore subsea well heads

### PRODUCT RANGE

**OD:** Medium OD: 10 1/8" to 16"  
Large OD: 17" to 18"  
Standard, alternative and special drifts

**Grades:** Validated for Carbon and Sour Service grades, as well as High Collapse material

**YS:** From 80 ksi up to 140 ksi



### HIGH PERFORMANCE

Rigorously test-proven, gas tight, high compression, high torque including high collapse.

### SLIM DESIGN

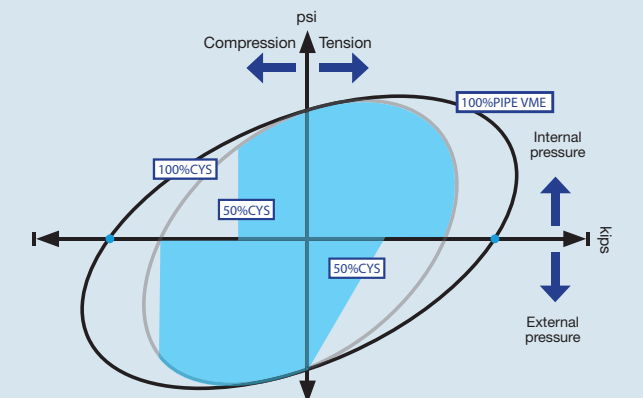
100% flush connection offering optimal clearance for well designs with multiple casing strings.

### SAVES RIG TIME

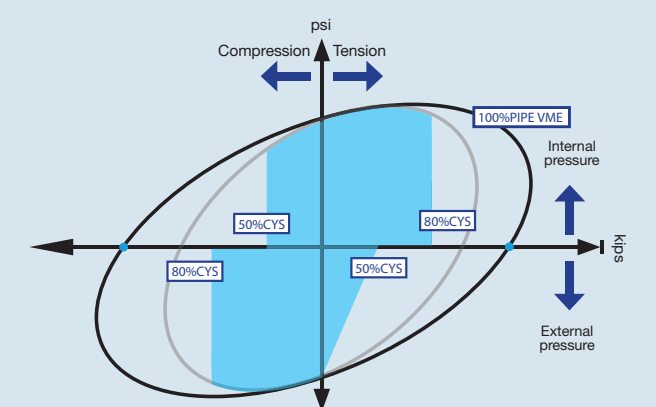
Fast and easy to run thanks to easy stabbing and alignment and double start thread design. Ideal for deep offshore e.g. Gulf of Mexico and pre-salt fields of Brazil.

### VAM® BOLT-II - MAXIMUM LOAD SERVICE ENVELOPE

#### Medium OD: API RP 5C5: 2017 CAL-II



#### Large OD: API RP 5C5: 2017 CAL-I (GAS)



### STRINGENT TESTING PROTOCOLS

**Medium OD:** API RP 5C5: 2017 CAL-II

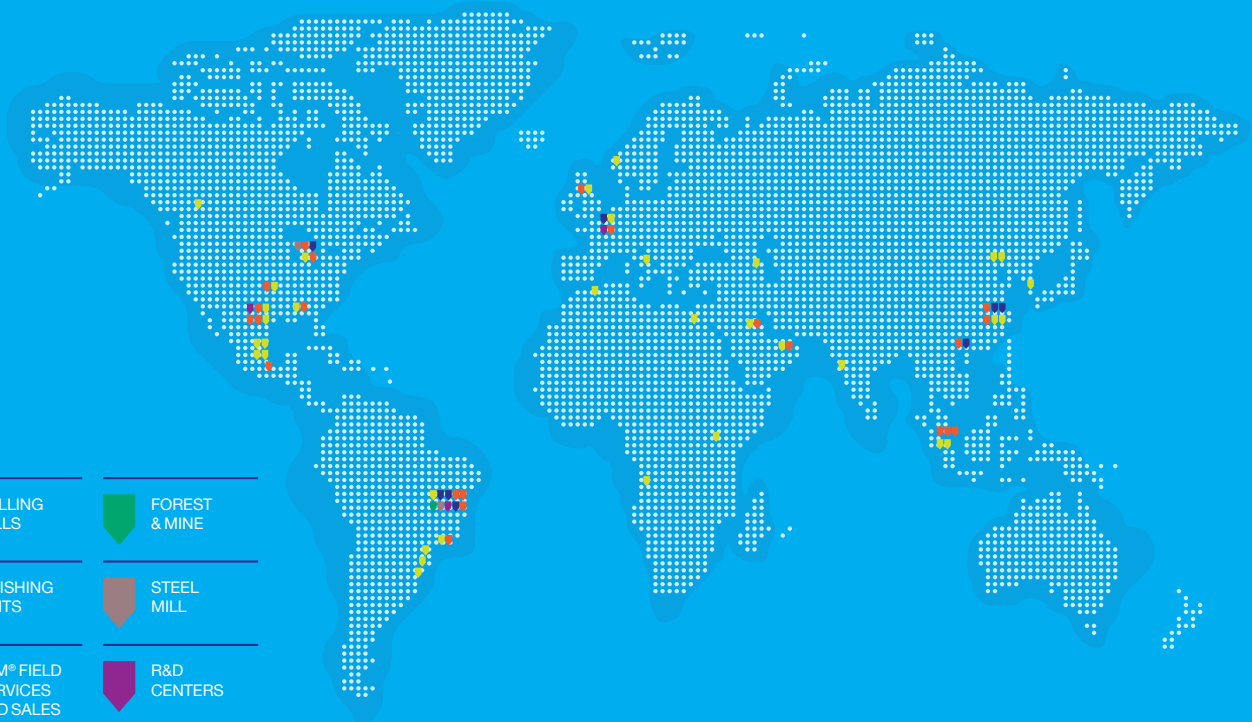
- 100% of pipe internal and external pressure rating; including high collapse
- Tensile and compression rating > 60% PBYS

**Large OD:** API RP 5C5: 2017 CAL-I (GAS)

- 100% of pipe internal and external pressure rating
- Tensile and compression rating > 50% PBYS



## YOUR PARTNER, SETTING THE PACE FOR INNOVATION AND PERFORMANCE EVOLUTION



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Information is available online on  
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[contact@vallourec.com](mailto:contact@vallourec.com)  
Headquarters

12, rue de la Verrerie  
92190 Meudon - FRANCE  
Phone: +33 1 49 09 35 00  
[www.vallourec.com](https://www.vallourec.com)