



GAS
TIGHT



FATIGUE
ENHANCED



HIGH
ANTI-GALLING



LARGE OD RISER
HIGH YIELD,
HIGH PERFORMANCE
MATERIAL

- THREADED & COUPLED
- 20" AND ABOVE
- UP TO 30 MAKE-AND-BREAKS

VAM[®] DR HW

FULLY TESTED DESIGN PROVIDING BOTH SEAWATER AND GAS TIGHTNESS.

VAM[®] DR HW[™] is a T&C riser connection specifically designed for high-pressure outer drilling riser and surface casing applications. Thanks to its double metal-to-metal seals, it can sustain up to 20,000 psi internal pressure as well as prevent seawater ingress into threads.

PERFORMANCE

- Higher strength steel (up to 140 ksi) with reduced wall thickness, equalling lighter weight pipes
- Riser fatigue enhancements in thread form and bending swoosh
- Metal-to-metal double seals for seawater and gas tightness validated to API 5C5 CAL-III, with internal gas pressure up to 20 ksi
- Double start thread design for improved make-and-break, higher fatigue performance and faster makeup
- Up to 30 make-and-break cycles

APPLICATIONS

- Drilling riser
- Surface casing

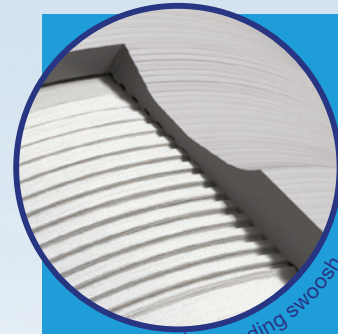
PRODUCT RANGE

Pipe: Seamless

OD: 20" and above

Grades: Carbon and sour service

SAF: 2.5



Bending swoosh



GAS TIGHT

Offers extreme internal pressure performance up to 20 ksi.



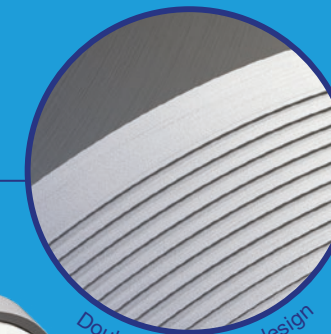
FATIGUE ENHANCED

The swoosh provides more bending flexibility, a smooth thread shape, and metal-to-metal external seal.

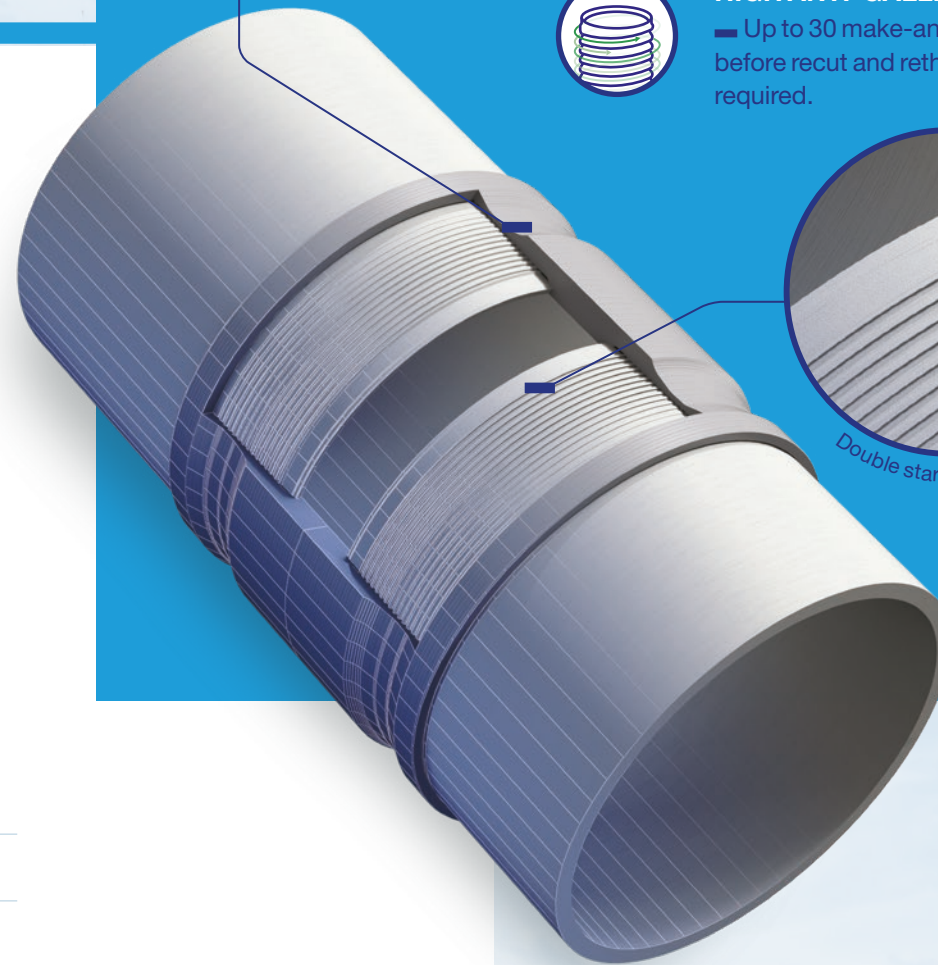


HIGH ANTI-GALLING

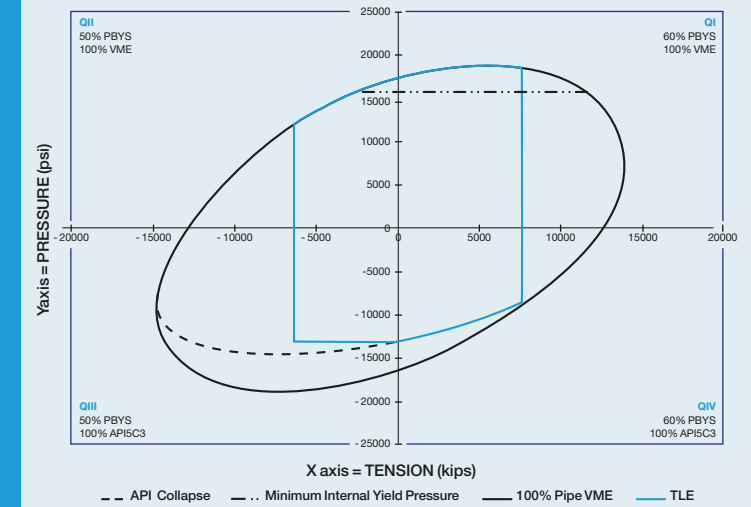
Up to 30 make-and-breaks before recut and rethread required.



Double start thread design



22.268" x 1.5" VM130CY VAM[®] DR HW[™]







DEEPWATER GULF OF MEXICO

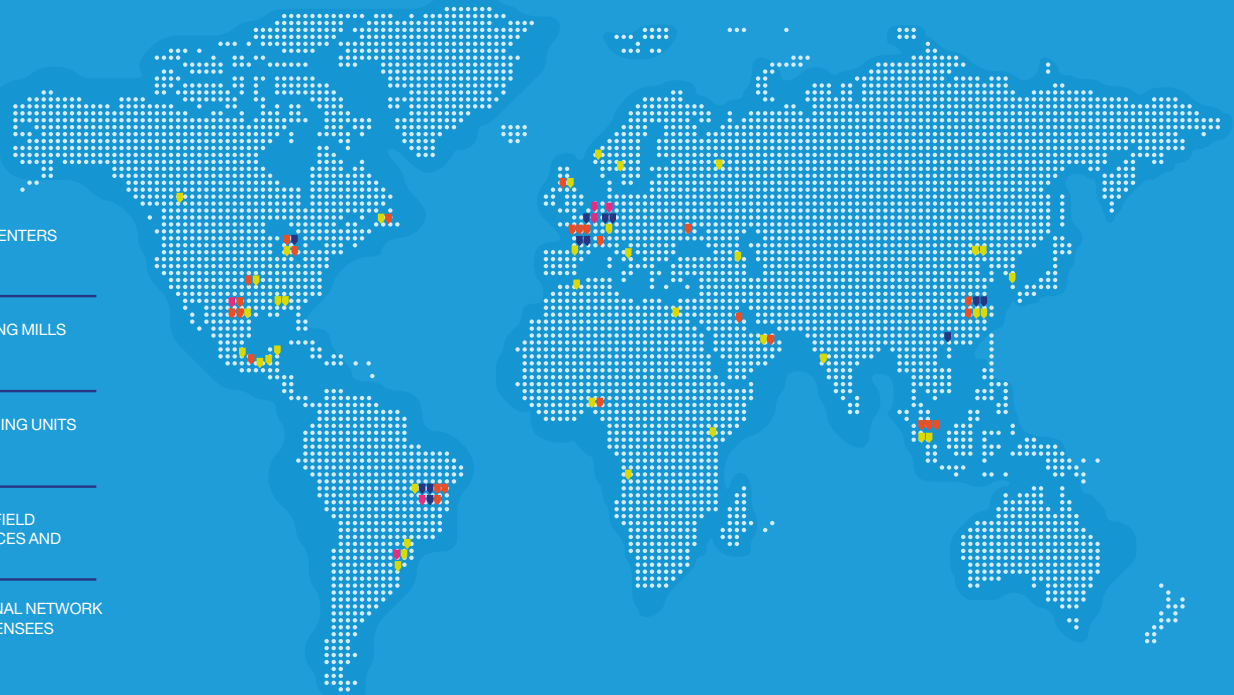
With VAM[®] DR HW[™], our customers are producing successfully from deep reservoirs at ultra high pressures in the most extreme offshore drilling projects.

Thanks to resistance to 20 ksi burst pressures, the use of dry tree systems are possible in surface BOP, bringing operators cost efficiencies and increased safety. In surface casing, the dramatic decrease in weight (high strength pipe with lighter wall) means the string can go much deeper, while the high fatigue performance allows running closer to the well head, eliminating the need for heavy weld-on connections.



YOUR PARTNER, SETTING THE PACE FOR INNOVATION AND PERFORMANCE EVOLUTION

-  R&D CENTERS
 -  ROLLING MILLS
 -  FINISHING UNITS
 -  VAM® FIELD SERVICES AND SALES
- INTERNATIONAL NETWORK OF VAM® LICENSEES



NEED MORE INFORMATION?

Information is available online on solutions.vallourec.com or by scanning the following QR code.



solutions.vallourec.com



contact@vallourec.com
Headquarters

12, rue de la Verrerie
92190 Meudon - FRANCE
Phone: +33 1 49 09 35 00
www.vallourec.com