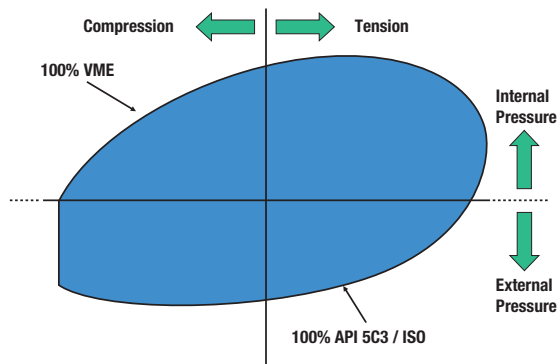


VAM[®] 21

Connect with Confidence



**VAM[®] 21 is ISO CAL-IV qualified
within the full pipe envelope**

VAM 21 is the latest generation of T&C premium connection introducing an innovative and revolutionary design.

Confidence thanks to ISO 13679 CAL-IV compliance within the full pipe body envelope extends the opportunities for your well designs.

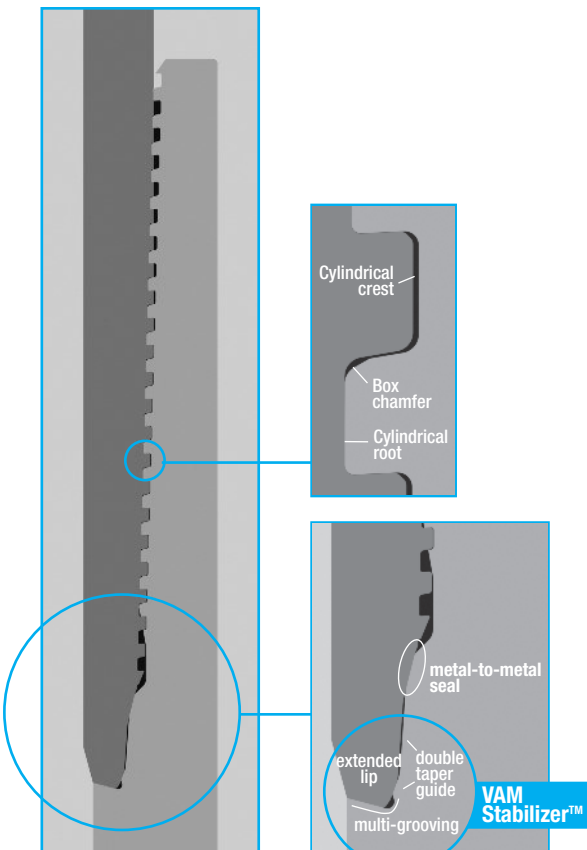


Vallourec Group

VALLOUREC & MANNESMANN TUBES

VAM[®] 21 main features include:

- Seal protected from rough handling
- Fit for automated rig handling systems
- Reliable running ability
- Superior torque resistance
- Reduced drilling wear susceptibility
- Extreme compression resistance (100%)
- Innovative VAM effect with the VAM stabilizer™
- Excellent gas tight sealing under combined loads
- ISO 13679 CAL-IV performances within the full pipe envelope



Size (OD)	Nominal weight	Material	
inch	lb./ft.		
9 5/8	40	API grades V&M proprietary grades	
	43.5		
	47		
	53.5		
9 7/8	58.4		
	62.8		
	65.3		
	66.4		
10 3/4	66.9		
	45.5		API grades V&M carbon proprietary material
	51		
55.5			
11 3/4	60.7		
	54		
	60		
11 7/8	65		
	67.8		
13 3/8	61		
	68		
	72		
	77		

Other sizes are available upon request