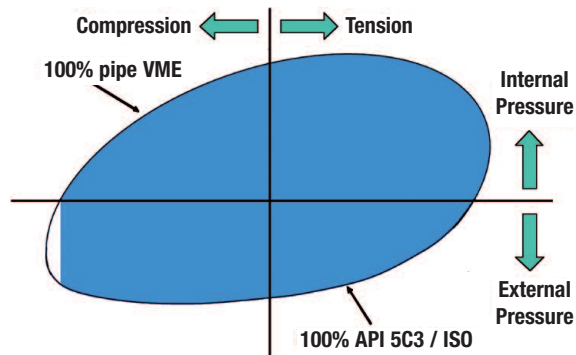


VAM[®] 21

Connect with Confidence



As robust as the pipe



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

THE REVOLUTIONARY premium connection

Thanks to its innovative design, VAM[®] 21 extends the limits for well designers by introducing a reliable premium connection that is as robust as the pipe.

Welcome to **Value by Design.**

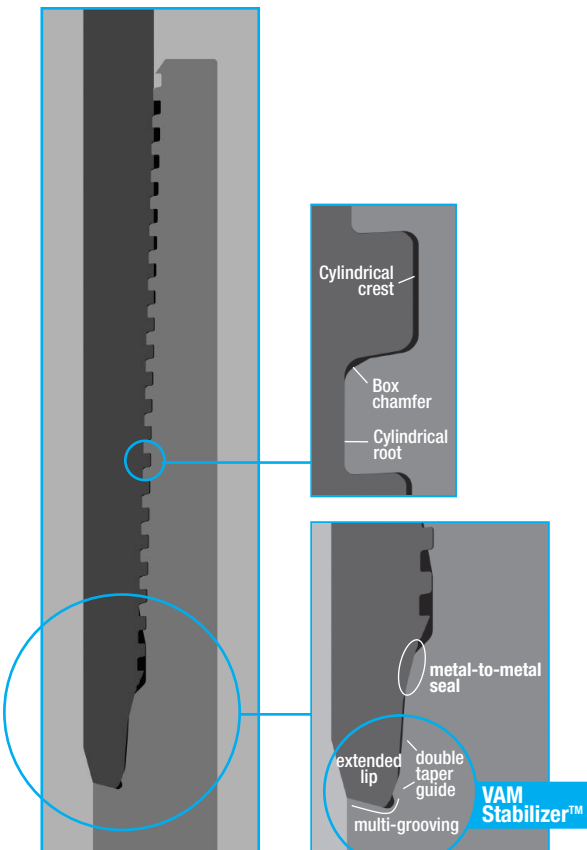


Vallourec Group

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
	lb./ft.	
9 5/8	40	API grades V&M proprietary grades
	43.5	
	47	
	53.5	
	58.4	
9 7/8	62.8	
	65.3	
	66.4	
	66.9	
	65.7	
10 3/4	45.5	API grades V&M carbon proprietary material
	51	
	55.5	
11 3/4	60.7	
	60	
	65	
11 7/8	67.8	
	61	
13 3/8	68	
	72	
	77	
	77	

Other sizes are available upon request