

## Application Bulletin

### Oil & Gas

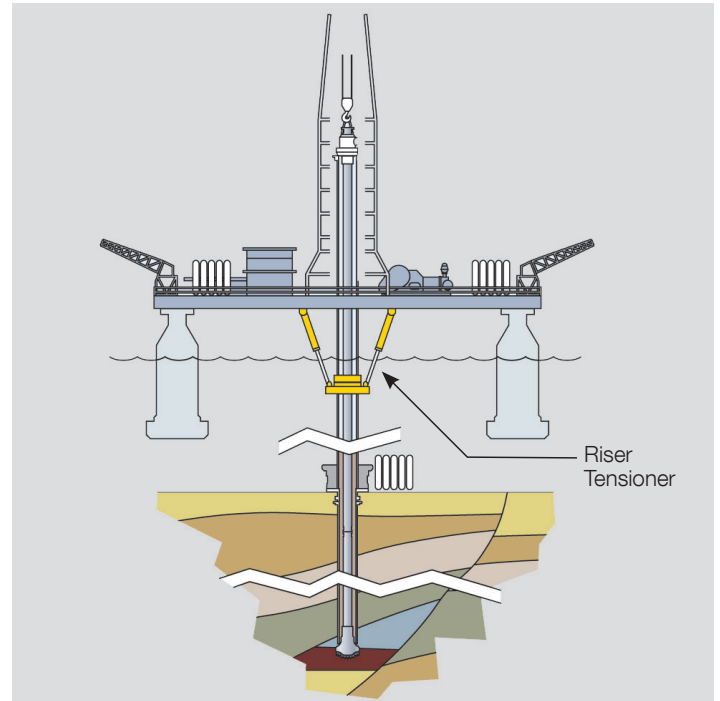
### Drilling – Riser Tensioners

**Riser tensioners are used on floating deepwater drilling platforms to maintain constant tension on the drill string, independently of platform motion resulting from currents, waves and wind. The hydraulics of the system, constantly exposed to corrosive seawater, must always actuate smoothly and efficiently.**

#### The Oerlikon Metco Solution

Protect riser tensioner piston rods with Oerlikon Metco coatings that provide saltwater corrosion and wear resistance. Choose bond coats for ceramic overcoats or coatings used alone that can be machined to very smooth finishes.

- Ensure smooth piston actuation, even after long exposure to saltwater
- Maintain drilling productivity and safety



#### Recommended Oerlikon Metco Products

Diamalloy 4276	Superior corrosion-resistant bond coat or used alone with high surface finish
Amdry 510	High-performance corrosion-resistant bond coat with excellent sprayability
Diamalloy 1005	High chromium material with molybdenum for excellent corrosion resistance
HVOF Systems	HVOF gas and liquid fuel thermal spray application systems
APS Systems	Atmospheric plasma spray application systems

#### More Information

DSM-0251
DSM-0252
DSM-0251
HVOF Solutions
Plasma Solutions

Information is subject to change without prior notice.