



Designed For Greater Structural Strength And Excellent Fatigue Performance

XL Systems, a Business Unit within NOV Completion & Production Solutions, produces XLC-S™, a second generation integral connector with pin and box threads machined directly into the pipe wall. This design produces an ideal connector geometry, a true flush inside diameter (ID) and flush outside diameter (OD).

XLC-S connectors feature a second generation threadform with enhanced strength and fatigue performance. They are ideally suited for conductors and other structural applications where connector strength and fatigue performance are primary design drivers. XLC-S connectors have an external metal-to-metal seawater exclusion seal which prevents corrosion in the threads.

XLC-S connectors make-up in approximately three turns, the majority of which are low-torque spin-up until thread surfaces engage. Make-up torques are comparatively low and range from 30,000 to 60,000 ft-lbs depending on size. XLC-S connectors are suitable for make-up with either power tongs or manual tongs. XL Systems has completed extensive physical testing of XLC-S connectors, including full-scale fatigue testing and pile driving testing. Our XLC-S connectors are manufactured in 20-inch and larger diameters.

Applications

- Platform conductors or drive pipe
- Jack-up exploratory well conductors
- Subsea well conductors or jet strings
- Tieback conductors
- Caissons and other structural applications

Features

- Flush ID and OD profile
- Fatigue rated and tested
- Fully driveable
- External metal seawater exclusion seal
- Integral box and pin threads
- Wedge thread technology

Benefits

- Ideal connector geometry; the connector takes up no more annular space than the pipe
- Comprehensive fatigue testing and analysis data support harsh environment applications
- Designed and fully tested for drive pipe applications
- Prevents corrosion and corrosion fatigue in the threads
- Cost-effective design eliminates large diameter forgings and welding costs
- Easy spin-up, high torque capacity, excellent resistance to anti-rotation

Contact

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