



TC11 HYDRAULIC INTERVENTION CONNECTOR

Simple, Self-locking, Hydraulically Operated Intervention Connector

The TC11 Hydraulic Connector is a collet latched, subsea installable and recoverable vertical connector that was developed with intervention operations in mind. The TC11 offers simple, efficient design based on three main principles: robustness, reliability, simplicity. These principles make the TC11 Intervention Connector the ideal connector for subsea deployment and intervention operations.

Safety is at the forefront with a self locking, flat-to-flat collet design and a high-angle release for emergency disconnect. The hydraulically operated connector features an internal secondary hydraulic piston capable of delivering 30% greater unlocking force than the locking force.

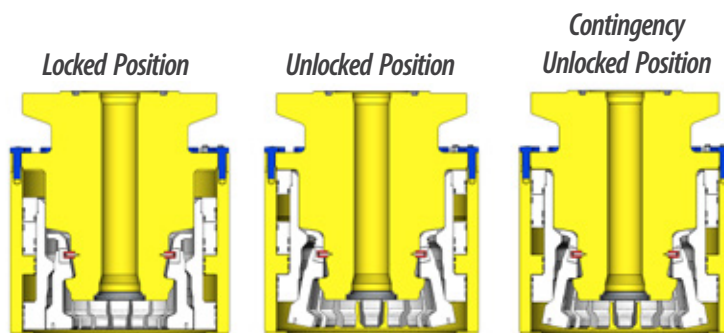
To ensure a dependable seal is made, the TC11 Intervention Connector utilizes the field proven TEX metal sealing gasket. The connector features backseal test capability to verify sealing prior to the full bore test saving time during system deployment.

This fully qualified design was tested to rigorous standards allowing for up to 20,000psi and 350°F. With an industry standard 13-5/8" 15K and 20K API flange interfaces, the TC11 is easily integrated into subsea intervention systems in either a funnel up or funnel down configuration.



Trendsetter's Trident Intervention System

REQUIREMENT	VALUE
Design Code	6A/17D/17G
Rated Working Pressure	Up to 20,000psi
Temperature Rating	-20 to 250 F (Up to 15,000 psi) 0 to 350 F (Up to 20,000 psi)
Material Class	EE / HH
Nominal Bore ID	Up to 7 in. (Up to 20,000 psi)
Gasket	TEX-7HP (20K Version) TEX-7 (15K Version)
Product Specification Level	PSL 3 / 3G / 4
Maximum Water Depth	10,000 ft.
Release Angle	Up to 10°



USA
Visiting address:
10430 Rodgers Road, Houston, Texas 77070
tel+1 281-465-8858
www.trendsetterengineering.com