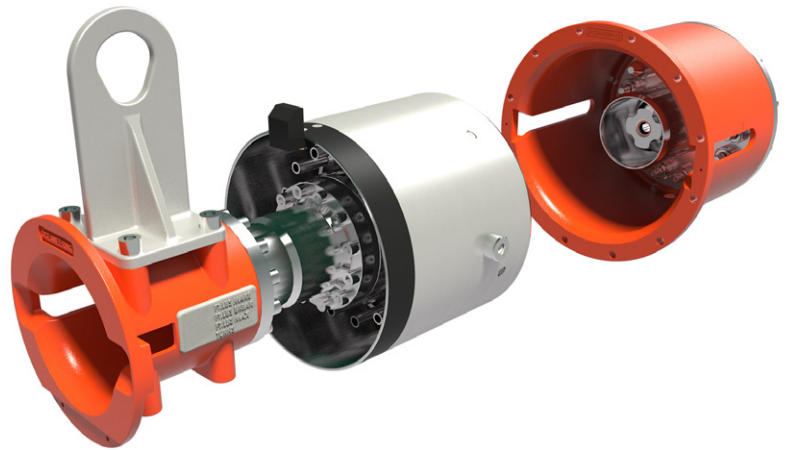


Subsea Junction Plates

Providing multi-line, high-flow, ROV operable connection solutions

Oceaneering[®] M Series Junction Plates consist of fixed and removable assemblies configured to meet project requirements. They allow remotely connecting subsea structures to support chemical injection by preventing well blockage, supplying hydraulic power to open and close subsea mounted valves, and facilitating the completion of well annulus pressure monitoring.



Oceaneering's standard junction plate sizes support our ability to deliver the required solution.

FEATURES

Configurable designs

Multiple make/break solution

Secondary latch release

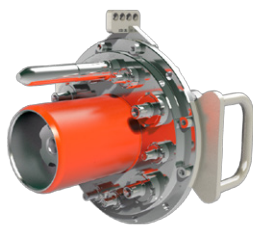
M Series Connection System

Oceaneering® M Series junction plates include patented technology. For rapid delivery of the M Series System, available inventory of components can be finished to project specifications.

Mini	M1	M2
Maximum quantity 9 off ½ in couplings at 15,000 psi Other configurations of ¼ in and ½ in couplings available	Maximum quantity 14 off ½ in couplings at 15,000 psi Other configurations of ¼ in, ½ in, and 1 in couplings available	Maximum quantity 30 off ½ in couplings Other configurations of ¼ in, ½ in, and 1 in couplings available



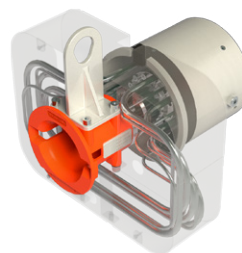
Plate types	Standard fixed and removable plates Fixed parking plates Long-term covers Test and flushing plates Logic plates
Coupling types	Standard with poppet Non-poppet Bleeding poppet Dummy Test Couplings can be provided with metal primary seal and elastomeric backup seal or elastomeric primary seal with no backup seal
Standard design parameters	ROV operable Nominal design life of 25 years Design pressure: 15,000 psi [1,034 bar] Designed to make and break at operating pressure Plates designed to accommodate off-balance loads from couplings
Ancillary equipment	Shipping, short, and medium term covers available



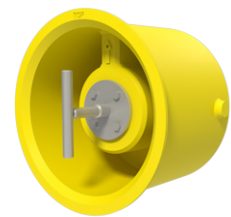
Test and Flushing Plate



ROV Bucket Cover



Logic Cap



Marine Growth Cover

© 2017 Oceaneering International, Inc. All rights reserved.