

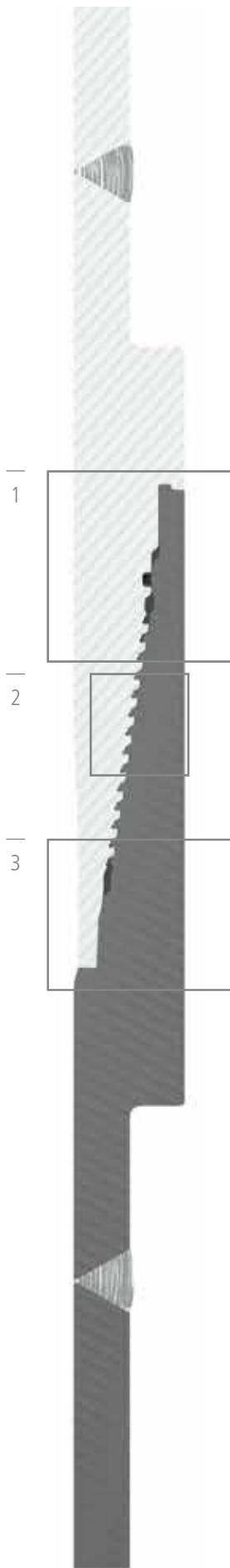
BlueDock[®] Connector | 18" - 42"

Weld-on connector for offshore high service severity applications requiring high fatigue performance. Robust, quick and easy to operate with high back-off resistance and outstanding structural capacity.



BlueDock[®] premium connector incorporates design concepts from the extensively tested Blue[®] Series, and provides reliable performance in the most complex ultra-deepwater operations requiring proved gas sealability and fatigue performance.

This Tenaris's integrated solution grounds on our experience in pipe manufacturing, premium connection design and welding technology. Pipe and connector are manufactured under the same quality management system, allowing us to supply a full casing and tubing package for offshore wells. Its successful track record with major operators in extremely demanding environments is backed by Tenaris's global service network providing technical assistance, product testing, pipe management and technical support in the field.



1

- Double shoulder with retainer, enhancing compression efficiency, over-torque capacity and fatigue response.
- Optional sea water exclusion seal.

2

- The proprietary hooked thread profile design provides fully reliable structural capacity under extreme loads and extra fatigue resistance.
- The steep thread taper makes stabbing deeper and easier.

3

- The multiple start and low TPI thread design allow fast make-up in only 3/4 of a turn.
- Self-alignment guides steer the connector during make-up minimizing risk of cross threading.
- Primary seal: metal-to-metal seal in sizes up to 26" or pre-installed elastomeric seal in full range.

FEATURES

- Fast make-up with visual indicator, no need of torque-turn graphs.
- Box lifting shoulder suitable for conventional elevators.
- Dope pockets to prevent from dope overpressure.
- Up to 3 anti-rotational keys, pre-installed at Tenaris's mills and activated with no need for special tools, to minimize the risk of back-off and increase break-out torque.
- 100% ratings in tension, compression and bending, confirmed by FEA and full-scale testing.
- Double shoulder for more than 100% compression efficiency, high over-torque capacity and enhanced fatigue response.
- Excellent performance under bending and/or tension-compression cycling loads, assessed with S-N curves under Tenaris' fatigue testing program for connectors.
- Primary metal-to-metal (MTM) seal maintaining performance under extreme combined loads.
- Internal (ELS) and external (sea water seal, SWS) optional elastomeric seals are FEA-optimized, pre-installed at Tenaris mills.

- Gas sealability at 95% of pipe body VME, verified according to API RP 5C5 CAL I.
- Suitability to driving installation verified by full scale testing and offshore runs with major operators.

APPLICATIONS

- Deep and Shallow Water
- HP/HT & Deep Wells
- **Conductor and surface casing**

OPTIONS

- **MTM or ELS internal primary seal**
- **Sea water exclusion elastomeric seal (SWS)**
- **Internal or external flush configuration**
- **Extra fatigue service**

For further information please contact premiumconnections@tenaris.com