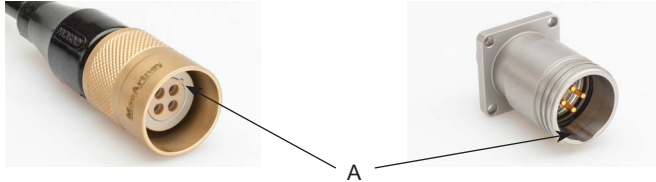


TrustLink Metal Shell Connectors Handling Instructions

Follow these instructions carefully to ensure correct use of your TrustLink connector

Assembly



NOTE:

When dismantling the CCP, vacuum may accrue in the connector. It can cause water from above the O-rings, to migrate in to the connection area. If that accrues, run the maintenance instruction.

TrustLink CCP to FCR, BCR receptacle

- Step 1: Inspect the connector metal parts and O-rings for contamination. Grease the O-rings with Molykote 111
- Step 2: Inspect the connector insert. If the connector insert is contaminated, follow the TrustLink MS maintenance
- Step 3: Visually align the key way on the CCP connector with the key pin tip on the receptacle **before** mating (illustration A)
- Step 4: Push to mate the connector, whilst turning the locking sleeve
- Step 5: The locking sleeve must be hand tightened only



Maintenance

- If the connector insert or O-rings are contaminated. Cleaning and removal of any accumulated contamination on a connector, should be performed by using spray based contact cleaner (isopropyl alcohol)
- Repeat the cleaning process if necessary
- O-rings item 1, 2, 3, 4 must be checked before mating/mounting and will require replacing if they show signs of damage
- Sizes of O-rings can be found in the assembly instructions on our webpage



- Always grease O-rings with Molykote 111
- For securing the BCR connectors and nut, the use of Loctite 243 is recommended (Loctite 243 or equivalent) If the torque is less as recommended, always use Loctite 243
- Be careful not to get the Loctite on the O-rings.

Recommended torque on Bulkhead TrustLink MS (Loctite 243 applied)

Type	Material	Rec. Torque – Nm
¾" - 20 UNF	Stainless steel, brass	52 ± 2
7/8" - 20 UNF	Stainless steel, brass	71 ± 2
1" - 20 UNF	Stainless steel, brass	92 ± 2

The TrustLink Metal Shell series is rated to 600 bar mated.