

Tension Pin Override System

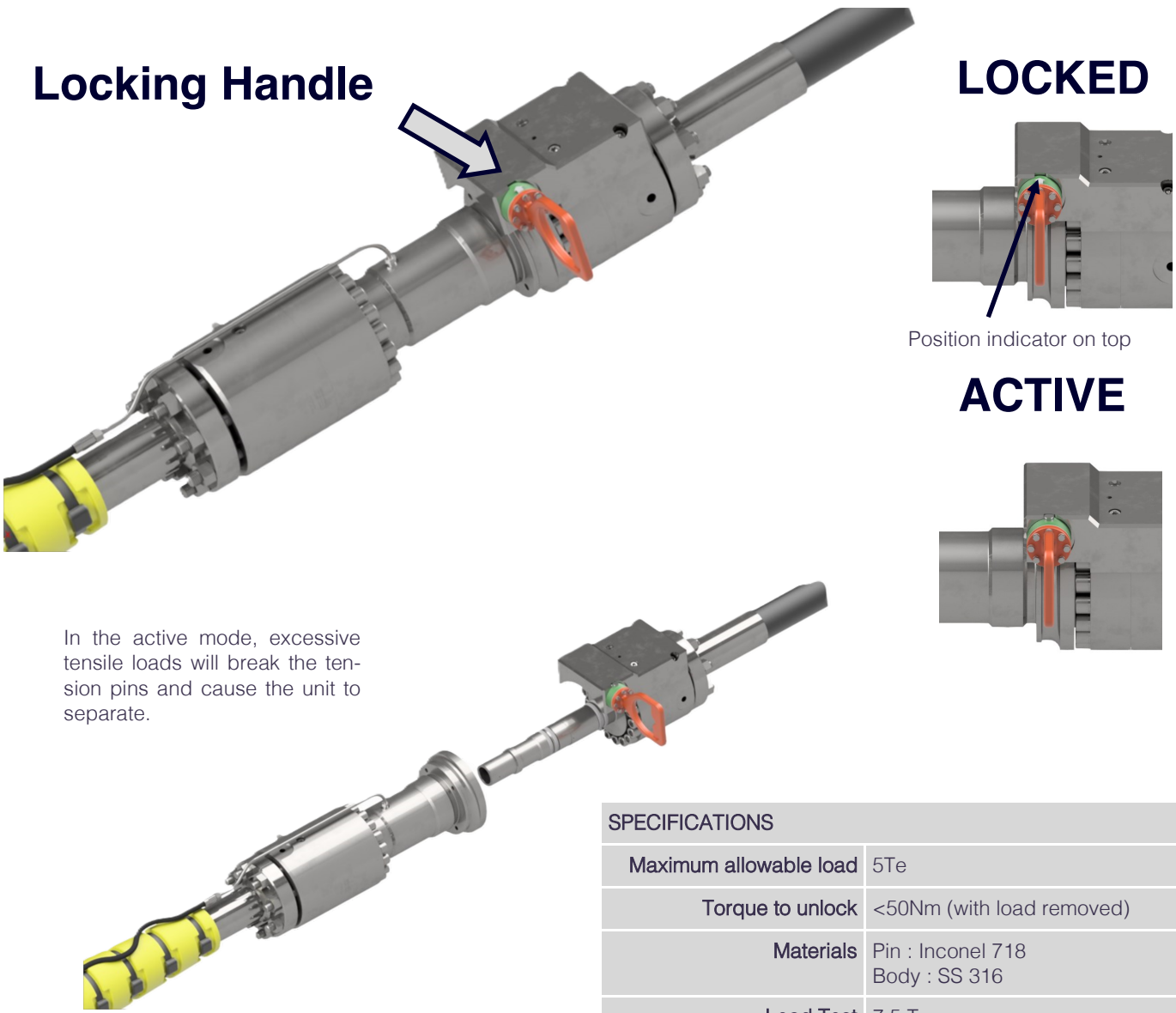
Facilitate deployment and recovery loads greater than the tension pin break load.

The Flint Subsea Tension Pin Override system is designed to ensure the safety and reliability of your subsea operations. This system facilitates the male and female portions of the EQD to be locked together, preventing the installed tension pins from being broken through excessive deployment or recovery loads.

For deployment, simply turn the handle to the locked position, with the indicator pin pointing to the top of the unit. Once the connection is landed subsea and deployment loads are removed, turn the handle 180°. This now means the unit is “active” and all tensile loads will be transferred through the tension pins.

When the system is in “active” mode, tensile loads above the tension pin break loads will cause the unit to separate, ensuring the safety of your equipment and personnel.

When the system is ready for recovery, turn the handle 180° so that the indicator pin is pointing upwards again. This locks the unit back together and ensures that the tension pins are disabled and tensile loads are transferred through the override system.



Locking Handle

LOCKED

Position indicator on top

ACTIVE

In the active mode, excessive tensile loads will break the tension pins and cause the unit to separate.

SPECIFICATIONS	
Maximum allowable load	5Te
Torque to unlock	<50Nm (with load removed)
Materials	Pin : Inconel 718 Body : SS 316
Load Test	7.5 Te