



vetcograyTM
a GE Oil & Gas business

36" RL-2HCX Casing Connector

Technical Information

Features of VetcoGray's RL-2HCX. Pre-loaded, high strength, conductor casing connector:

- Fast < 1 turn makeup
- Self-aligning thread profile to prevent cross threading
- High stab angle with dual stab guides
- Pre-loaded for strength, rigidity and good fatigue characteristics
- Positive stop load shoulder
- Available in 36" & 38" diameters
- Driveable, releasable, reusable
- Excellent in harsh environmental conditions
- Negative back-rake angle on thread reduces bellling tendency
- Dual seal option for full thread isolation
- Lip seal eliminates bleed port requirement in dual seal configuration
- Large radius fillets and stress relief grooves for improved fatigue life



Pin and box ends for RL-2HCX casing connector



	36" RL-4HC Connector	36"x2" Pipe X-80	36" RL-2HCX Connector
Envelope dimensions	36.810 OD 31.320 ID 25.07 OAL	36.00 OD 32.00 ID	36.880 OD 31.300 ID 24.50 OAL
Material yield strength	110 ksi	80 ksi	956 ksi
Thread starts	4	n/a	2
Make-up turns	.20 - .45 turns	n/a	.83 - 1.33 turns
Maximum SAF	9.73	n/a	7.22
Ultimate tensile capacity	13,900 kips	19,200 kips	17,900 kips
Tensile yield capacity	11,500 kips	17,100 kips	14,800 kips
Bending yield capacity	8,330 kip-ft	11,500 kip-ft	10,500 kip-ft

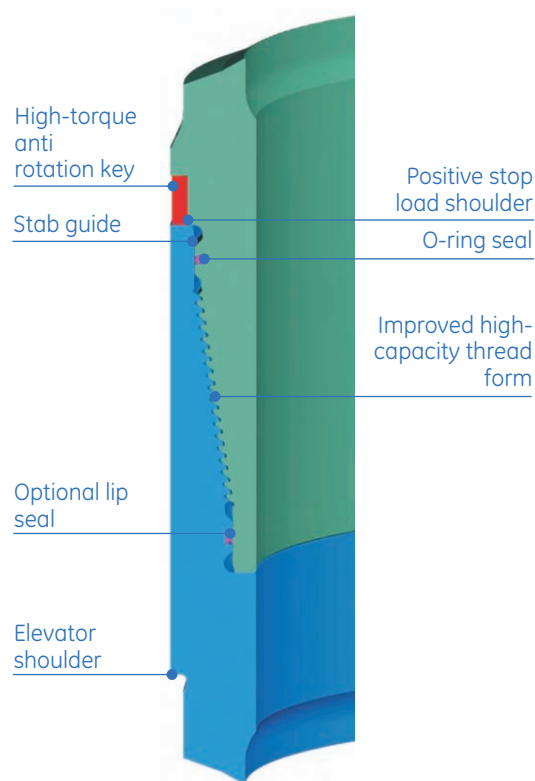
Capacity Verification

Full-scale testing verifies capacities:

- 10MM ft-lbs bending load
- 10MM ft-lbs bending combined with 1MM lbs tension
- 7MM ft-lbs combined with 2MM lbs tension



RL-2HCX connector in bend test machine at VetcoGray's R&D facility - Houston (All tests witnessed and verified by DNV)



Features of 36" RL-2HCX casing connector



GE imagination at work