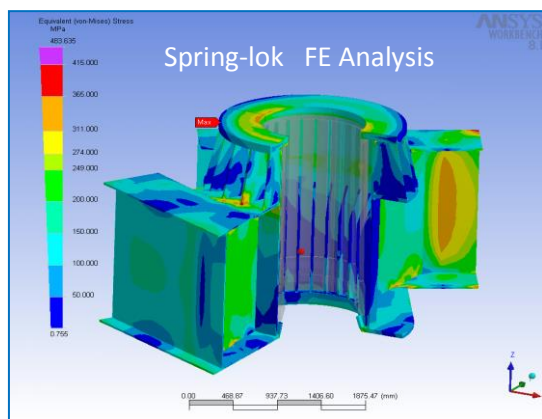
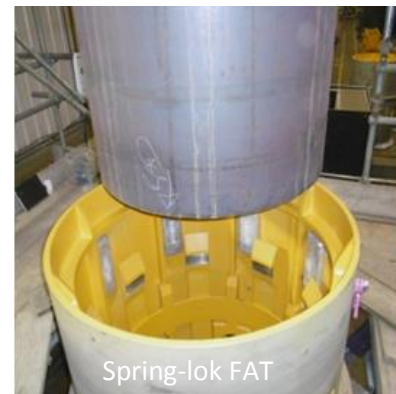




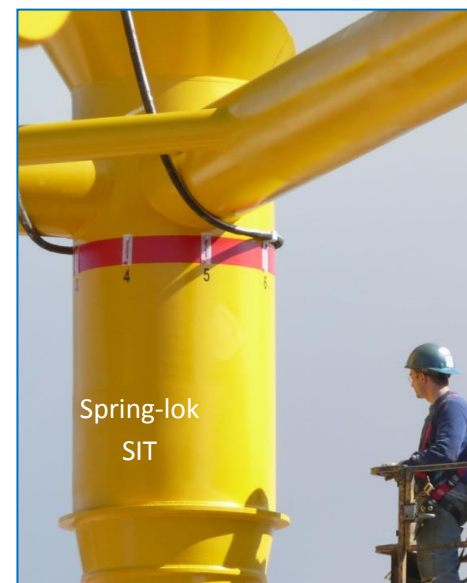
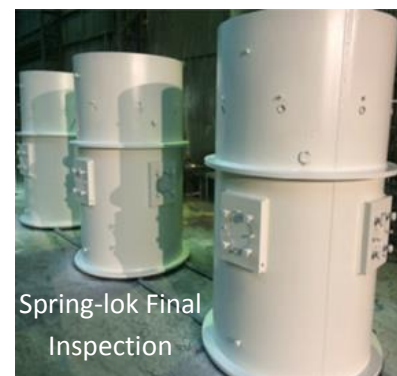
# Spring-lok™

BECL has been providing cost-effective, sub-sea connections to the offshore industry for over fifteen years.

We offer a range of Subsea Structural Connector types covering a wide spread of applications. Our 'pile and forget' Spring-lok connector is the industry leading self-activating diverless structural connector.



**Spring-lok**, used successfully in over 40 projects, is a simple carbon steel diverless connector that self activates at target penetration. Although most often used to join piles to structures, the device may also be used for any application which attaches subsea structural elements, sub-assemblies or modules using remote technology.



Visit our Youtube Channel



ISO 9001 Accredited



FPAL Registered



Products LR Approved



**Spring-lok BENEFITS:**

- **Cost Effective**  
 Instantaneous engagement (zero vessel time)  
 Eliminates all specialist offshore spread  
 Eliminates all specialist offshore personnel  
 Inspection class ROV only required
- **Reliable**  
 Totally unaffected by water depth  
 Full FAT/SIT ensures trouble-free offshore operations  
 Robust LRS approved design
- **Highly Flexible**  
 Zero deck space required  
 May be placed at any height within pile sleeve  
 Wide range of capacities 12 inch to 42 inch diameter with  
 load capacity 50 - 5000 Te  
 Compatible with standard hammer/pile equipment  
 Full range of API tubular piles
- **Clear Engagement indication**  
 Status of connector is externally visible at all stages
- **Innovative**  
 Simple diverless self-activated operation  
 Lightweight  
 Built in pile centralisers and contingency pin plates  
 Full metal to metal bearing  
 Provides electrical connectivity  
 Dedicated C.P system

**Spring-lok APPLICATIONS:**

- Production/Injection Manifolds
- Subsea Isolation Valve Structures
- Crossover Valve Assemblies
- Protection Structures
- Subsea Riser Bridges
- Hot Tap Structures
- Renewable Energy Structures
- Wellhead Protection Structures
- Jacket and Drilling Templates
- Flowline Termination Assemblies
- Pipeline End Manifolds
- Submerged buoy riser connections
- Suction Pile Applications
- Subsea Module Connections

**Spring-lok DESIGN OPTIONS:**

- Available as a fully finished connector 'can' or as part of a complete pile sleeve

**Spring-lok FABRICATION:**

- Units are fabricated, adjusted and machined prior to leaving the workshop.
- Dedicated anodes are fitted and internals machined after assembly.
- Each unit is subject to a complete FAT before transportation to the Fabricator where it is welded into the structure.
- Full SIT is carried out before structure load-out
- Fabrications are carried out under a fully implemented BS EN ISO 9001 approved Quality Management System.

**Spring-lok EXPERIENCE:**

Over 350 BECL Diverless Connectors have been deployed in water depths to 1200m and used by a wide range of Installers and Operators in UKCS, Norway, Middle East, Caspian, Far East, N America.



**Contact**

We are very happy to discuss any aspects of your subsea structural connector requirements. Please contact us for advice on potential applications, product selection, technical and commercial enquiries.

Email: [info@spring-lok.com](mailto:info@spring-lok.com)

Office Tel direct: +44 (0) 1372 271956 Sales Enquiries : +44 (0)7930974491 or +44 (0)7980862647