



Providing Diverless Connectors Since 1999

Spring-lok™

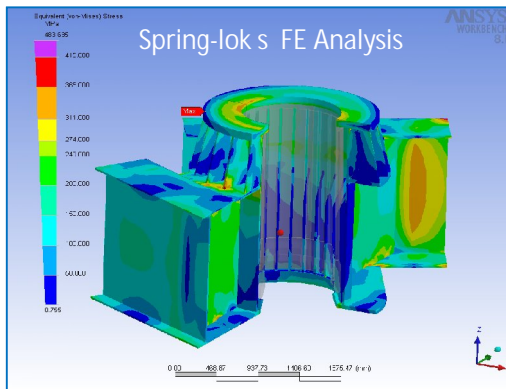
C-lok™

Spring-blok™

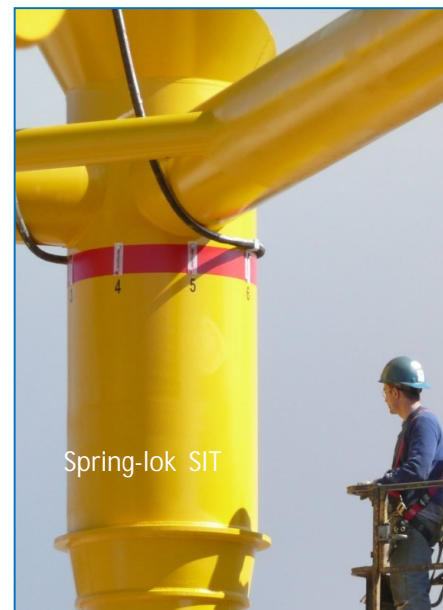
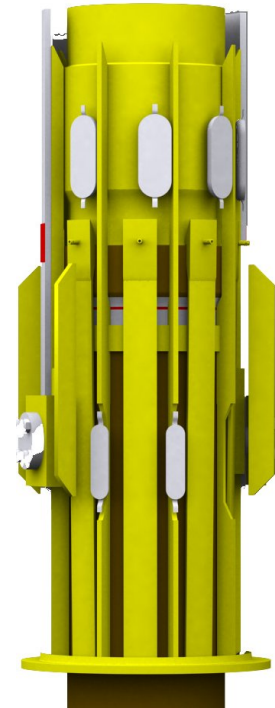
Spring-lok™

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

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 20 applications 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.



Contact us about our full range of diverless connectors:

Spring-lok™ Spring-blok™ C-lok™

P.O. Box 99
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Direct Telephone Enquiries: +44 (0)7930974491 or +44 (0)7980862647



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BENEFITS:

- Cost Effective
Eliminates all specialist offshore spread
Eliminates all specialist offshore personnel
Instantaneous (zero vessel time)
Inspection class ROV only required
- Reliable
Totally unaffected by water depth
Full FAT/SIT ensures trouble-free offshore operations
Robust LRS approved design
- Convenient and Adaptable
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
Status of Connector is externally visible at all stages
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

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

FABRICATION AND TESTING:

- 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.

Over 250 BECL Diverless Connectors have been deployed in water depths from 30m to 1200m. Soil conditions from very soft clays/silts (<10 kPa) to very hard (>700 kPa) also loose to compact sands and gravels. Wide range of Operators and Installation Contractors in UKCS, Middle East, Caspian, Far East, N America.



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