



# LOC-TORUS

## WELLHEAD CONNECTOR



### WE SOLVE DEEPWATER PROBLEMS

Radoil, Inc. offers a combination of full manufacturing and project engineering. Our blend of experience and capability prove the “fast-track performance” and “quality results” are not mutually exclusive.

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ISO 9001:2008

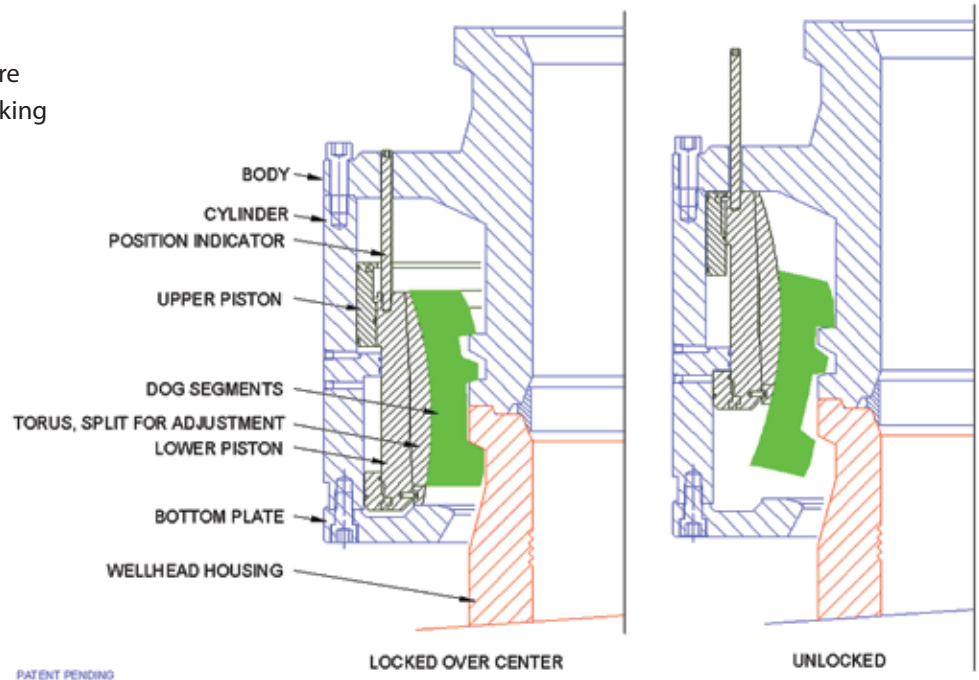
# WELLHEAD CONNECTOR



Radoil's **Loc-Torus Wellhead Connector** is designed to fit standard hub or mandrel profiles. It provides a sure connection at the wellhead and/or the re-entry mandrel for BOP/Riser systems or Christmas Tree assemblies. Our Loc-Torus design ensures "dogs" are easily and uniformly operated into the engaged or disengaged positions. When locked the dogs cannot be unintentionally moved into the unlocked position and when unlocked the dogs cannot be unintentionally moved into the locked position therefore, it provides a certain connection and a certain disconnection with no tendency to self-release under bore pressure loading. The Loc-Torus preload is mechanically set prior to installation and it is equipped with a secondary release system. The bottom plate ensures that the torus does not pass the proper alignment while in the locked position thus guaranteeing proper operation for future disconnection. (Patent Pending)

## Features included:

- \* No tendency to self-release under pressure
- \* Does not require holding pressure for locking
- \* Fits standard hub or mandrel profiles
- \* Preload mechanically set
- \* Automatically retracts dog segments
- \* Independent secondary release system



## Wellhead Connection Sequence



Approaching

In Position

Locked

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At Radoil, products are based upon technology aimed at providing you with enhanced quality and reliability. When service is needed, our customer support engineers will provide efficient and responsive support.