

# QUICK-FLANGE™



## TECHNICAL ADVANTAGES

- Simple robust design
- Rapid make-up
- 3,500 kips load (class H)
- Load sharing option
- Option to use light-weight or high strength metals

## COMMERCIAL ADVANTAGES

- Cost effective design
- Reduced running time compared to a flange design
- No bolt-torquing to manage
- No interim bolt removal

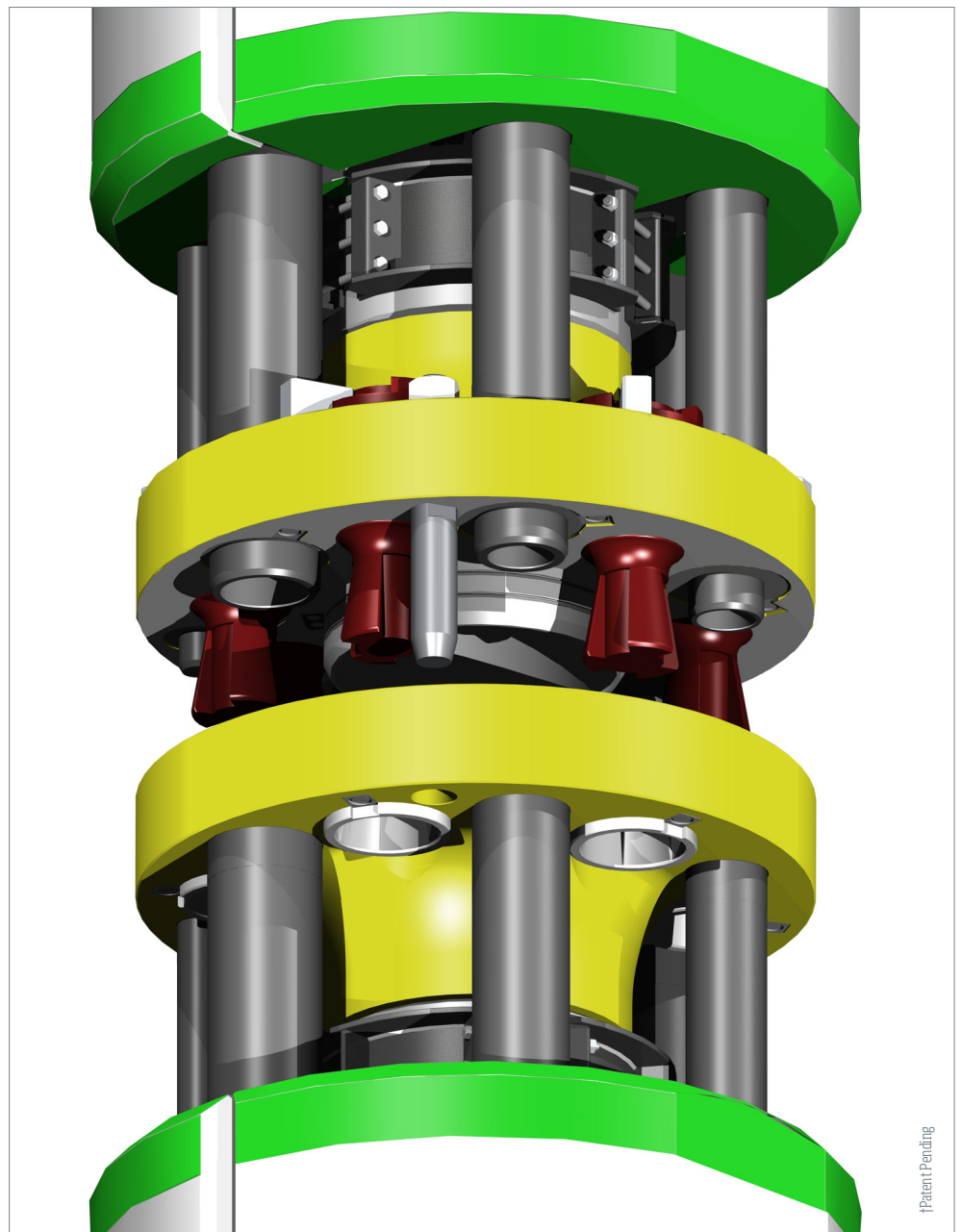
## FUNCTIONALITY

SRP's QUICK-FLANGE marine drilling riser connector achieves the benefits of a flange with a make-up speed equal to that of currently available marine riser connection system. This is achieved by using 4 to 6 off 60° turn breached cone connectors (known as TRI-PINS) positioned around the flange face. The standard design of the connector is not load sharing. This can be incorporated if load requirements or client preference dictates.

The TRI-PIN connections are either locked open or locked closed by means of a rig-ergonomic locking indicator device. When the TRI-PIN is unlocked an indicator clearly shows this so that the driller can be sure of the connection before running the joint.

SRP's QUICK-FLANGE™ is a quick make-up, light-weight marine drilling riser connection. It is safe and reliable while operating in severe conditions in deep waters. With QUICK-FLANGE all ancillary components perform as part of an integrated system thus optimizing performance. Similarly operational necessities such as inspection and maintenance become easier with QUICK-FLANGE.

As SRP's QUICK-FLANGE design is based on a standard bolted flange in some cases it is possible to re-machine existing riser flanges to accept the TRI-PIN connector providing the rig owner with a quick method of improving riser handling.



†Patent Pending

