



www.minhlaphose.com

CÔNG TY TNHH MINH LẬP

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MINH LAP CO., LTD.

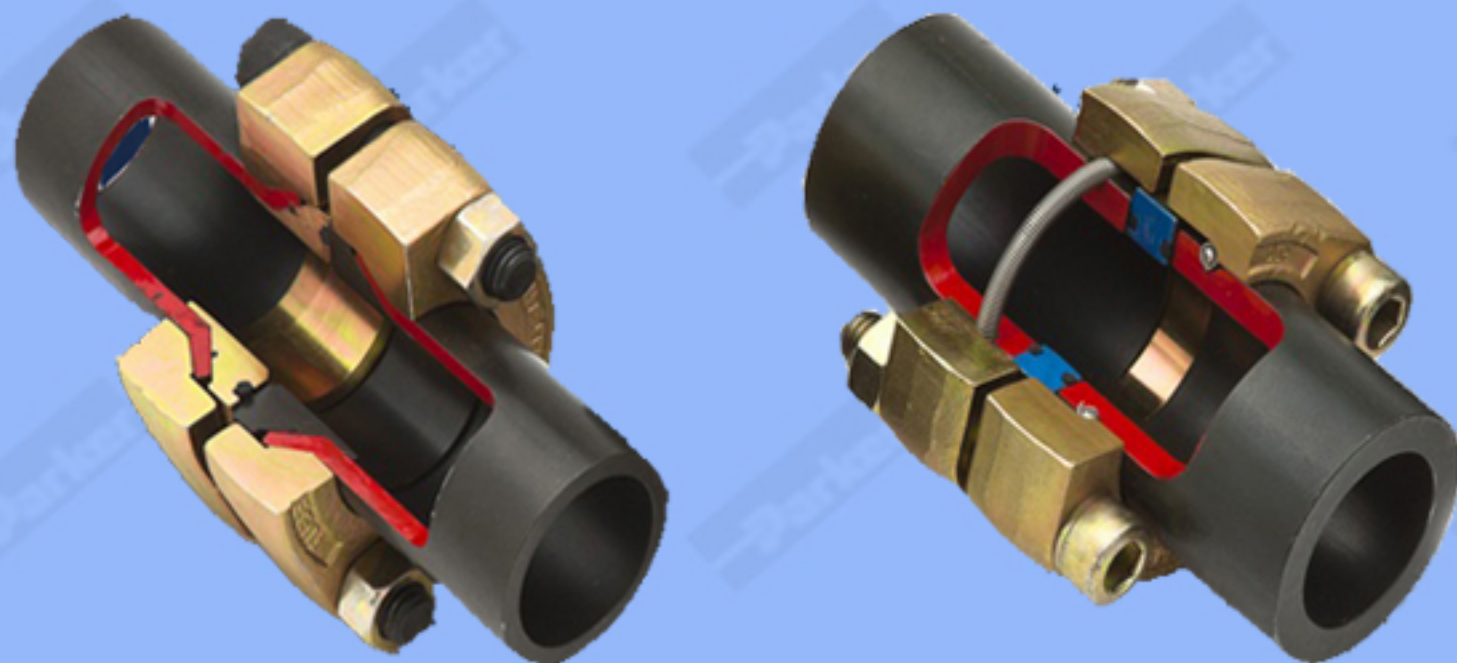
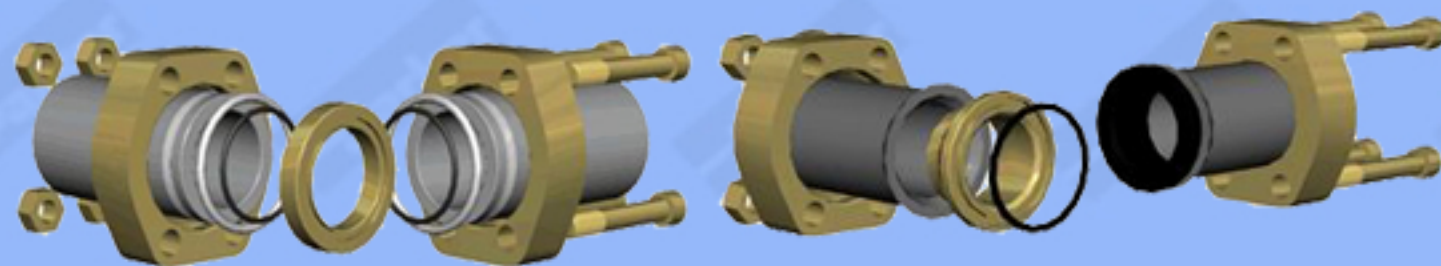
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NON - WELD FLANGE CONNECTIONS



- * Reduced preparation time per joint
- * No costly inspection of weld (X-ray)
- * No acid cleaning costs
- * Maximum piping lifetime
- * Reduced maintenance costs
- * No "hot work" permit required
- * Operation can take place in areas with fire risk without interruption of production
- * Shorter installation time
- * Shorter maintenance/downtime
- * Shorter total project time



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NON - WELD FLANGE CONNECTIONS

Our Approach

The non-welded connection styles offered conform to SEA/ISO flanges along with proprietary flanges.

There are two methods of attaching the flanges to the pipe:

- * Flaring the pipe to 37°

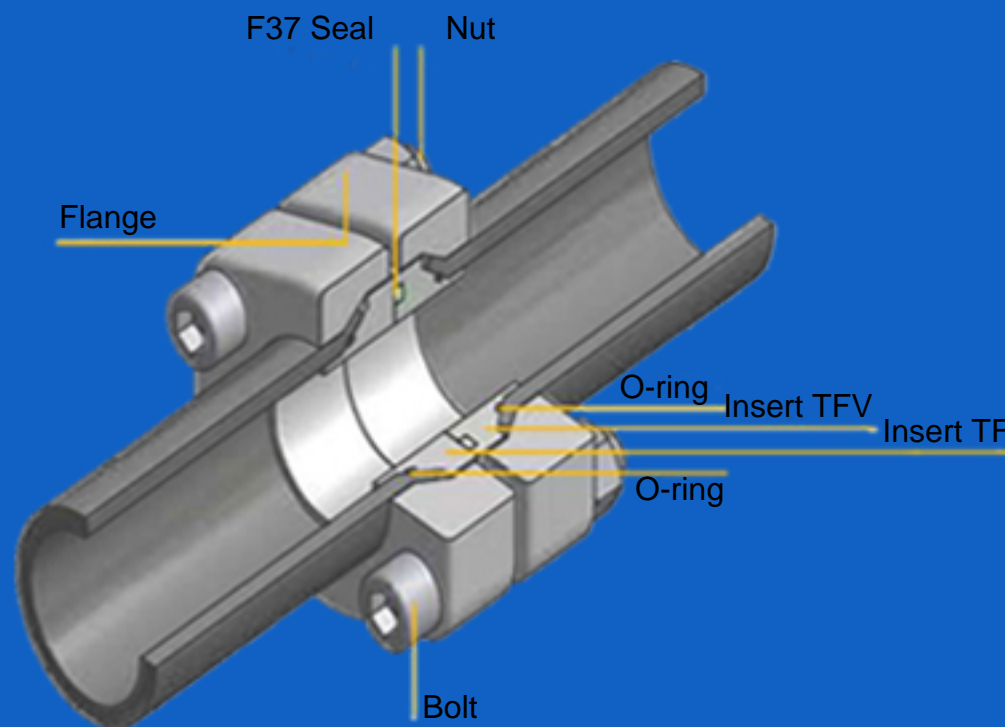
- * Grooving the pipe to accept a retain ring

The determination of which method to use is based on pressure and flow requirements.

The flanges on both methods can be rotated prior to bolting up thus eliminating the need to be concerned on which axis of the pipe the fitter aligns the flange holes.

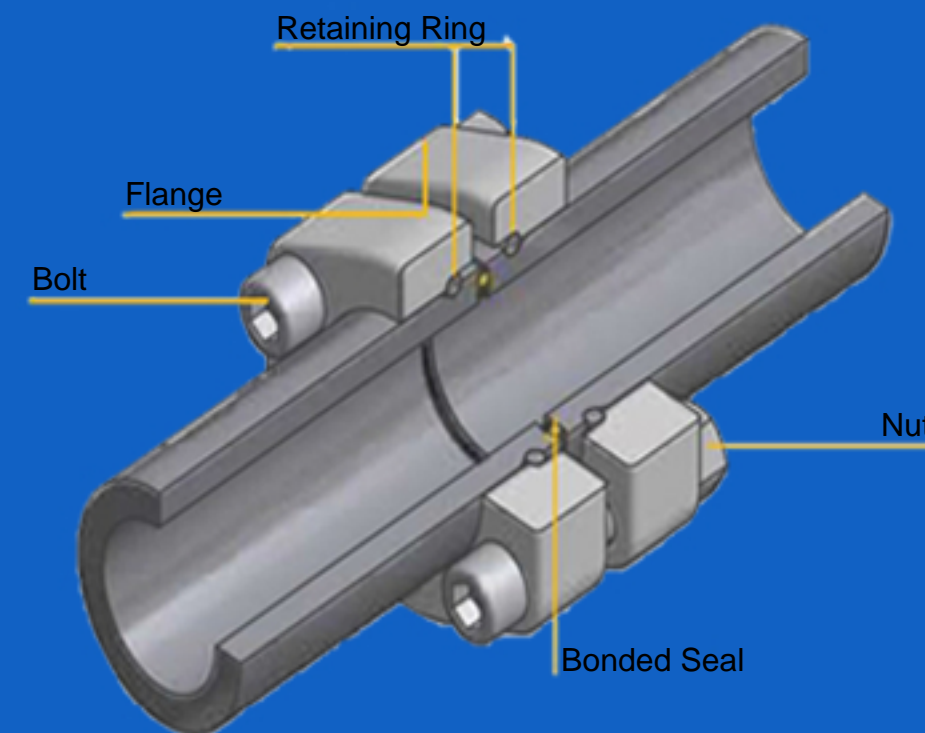
Welding or threading of the flanges to the pipe is eliminated

37° FLARE FLANGE CONNECTION



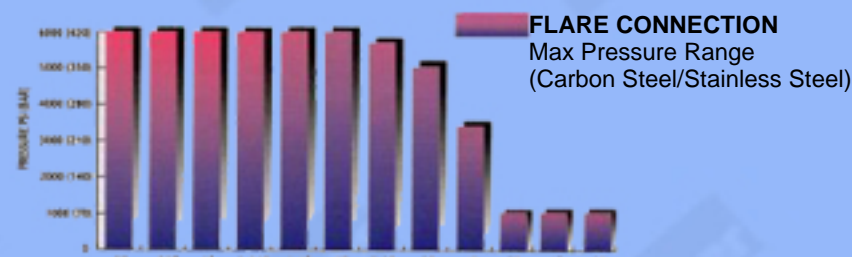
In this configuration, the deburred tube end is flare orbitally to 37° by Parflange * technology. An insert, soft sealed by an O-ring is located into each pipe end. In between a F37 Seal (optionally Bonded Seal or O-ring) is placed. By tightening the flanges together, a soft sealed, high pressure tube connection is made. Available as tube-to-tube connection or tube-to-port connection.

RETAIN RING FLARE CONNECTION



The retaining ring used in this connection is a stainless steel segmented ring covered by a stainless steel spring. It is assembled in a machined groove on the tube end or adapter. When tightening this system, the flange is pushed against the retaining ring, thus giving a form tight connections. Retaining ring connections complete the Parflanges * F37 range with bulkhead male, female, weld and tube bend connections.

- * Size Range 1/2" through 8"
- * Pressure to 6000 PSI (420 Bar)
- * Safety Factor - min. 4:1
- * Metric and Imperial Available

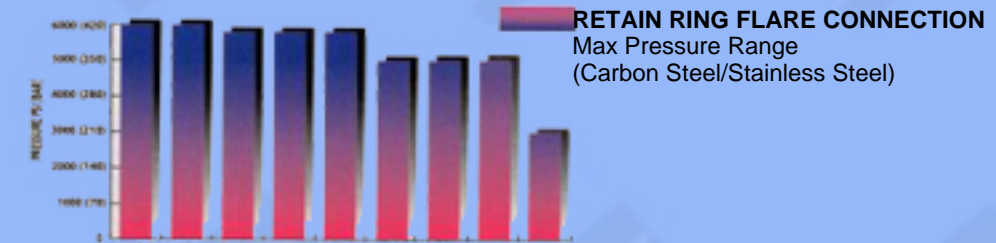


- * Qualified customer representatives
- * State-of-the-art CAD systems
- * ISO 9001:2008 manufacturing facility
- * High quality piping and components
- * Manufacturer: Parker - USA

- * CNC machining
- * Custom manufacturing
- * Global distribution network
- * On-site field services



- * Size Range 1 1/2" through 10"
- * Pressure to 6000 PSI (420Bar)
- * Safety Factor - min. 4:1
- * Metric and Imperial Available



- * Overall installed cost-savings
- * Proven leak-free system
- * Improved flow characteristics
- * Ease of installation
- * Manufacture: Parker - USA

- * No welding
- * No fire watch
- * No acid cleaning
- * No x-ray

