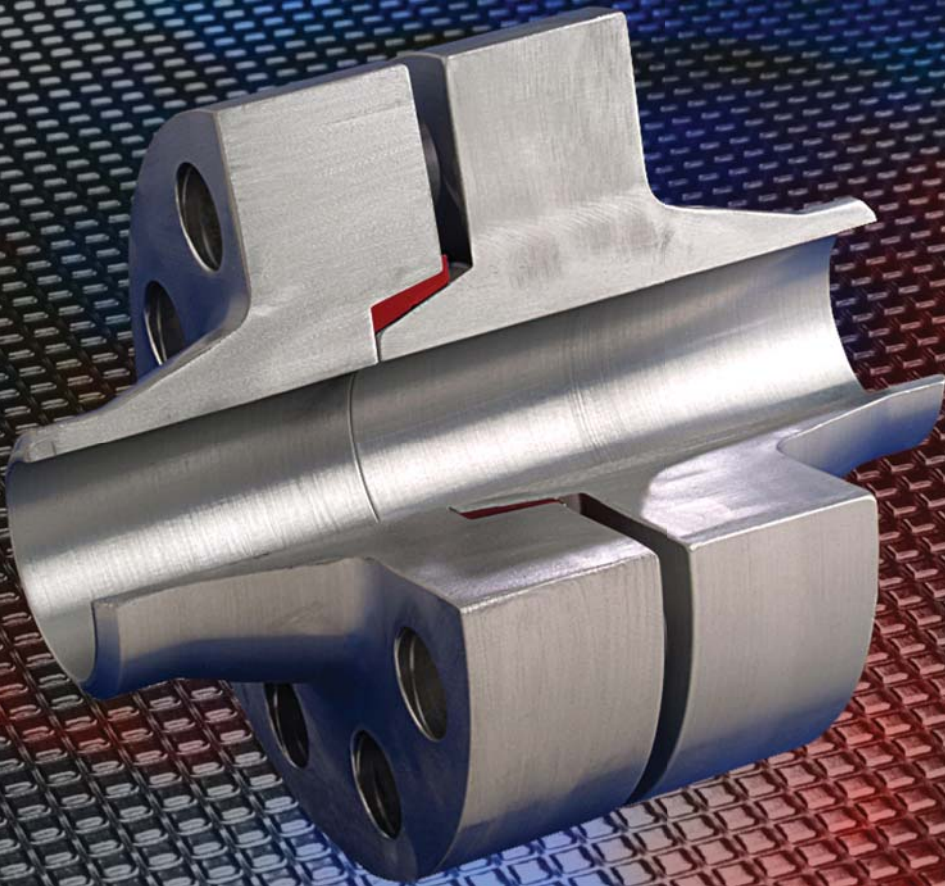


Zero Fugitive Emissions

ZERO GAP CONNECTION



Taper-Lok's® Zero Gap Connection offers a through bore, as the male nose is landed onto the female flange to eliminate the gap between the two flanges. The resulting through bore significantly reduces problems with crevice corrosion and polymer solidification.

The zero gap offers an advantage in critical services with crevice corrosion, such as Alkylation Units with hydrofluoric acid and sulfuric acid. Flanges in these highly corrosive environments suffer from significant corrosion specifically in the crevice between the two flanges.

Alkylation Service Applications

Teflon coating can be added between the landed faces of the Zero Gap connection to offer an even greater corrosion reduction in the crevice area.

Polymer Lines

It is often a problem that the polymer will solidify in the cracks between flanges. The polymer build up will begin to clog the line resulting in hardened polymer chunks breaking off and interfering with equipment further down the line. The eliminated gap of the through bore reduces the ability for polymer solidification between the flange faces.

Common Applications:

- Polymer Lines
- Alkylation Unit
- Hydrofluoric Acid
- Sulfuric Acid
- Hydrochloric Acid
- Highly Corrosive Services



Taper-Lok®
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