

PERFECT-TORQUE™ CLAMP AND NUT



1/2" to 12"

Additional Sizes Available

CGS™ Perfect-Torque™ controlled compression clamp and nut will minimize the problem of gasket intrusion into product flow. When a gasket is over tightened, it can intrude into the pipes. This can affect product flow, cause shear and change texture. In pharmaceutical applications maintaining delicate cell structure and protein folding is critical. When sanitary process lines have gasket intrusion it's a perfect place for microbial contaminants to propagate.

When a gasket becomes abraded, you can get fine particles that make the product polluted or impure. If a gasket is under tightened it leaves a concave groove. This concave groove is a place for soiling, creep and microbial propagation. **Perfect-Torque™** Clamp and Nut

Perfect-Torque™ controlled compression clamp and nut allows you to use just enough torque to get a perfect smooth inner bore.

Material - 304 Stainless Steel, 316 Stainless Steel

Sizes - .5 inch, .75 inch, 1 inch, 1.5 inch, 2 inch, 2.5 inch, 3 inch, 4 inch, 5 inch, 6 inch, 8 inch, 10 inch, 12 inch

Elastomeric sanitary gaskets and seals have a required periodic replacement cycle. Gaskets and seal materials may be influenced by qualifications and age decline. Gaskets and seal life is influenced by the seal material type, application, Steam In Place (SIP), temperature, chemicals, cleaning procedures, and other qualifying factors. Maintenance and inspection should be part of all SOP (standard operating procedures).



Features

- Increases uptime
- No gasket extrusion into the I.D.
- Smooth Inner Bore
- No over Tightening Extends service life
- Easy to maintain
- Sealing Stability
- Easy to Install

- Lower Bacteria Counts
- Enhances Product Integrity
- Leak-proof performance
- Audible Click
- Maintains Constant pound inch of Torque
- Retrofits all Sanitary Clamps Tri-Clamp®
- No Under Tightening

Controlled compression sanitary clamp system

Part Number – 30 Pound Inches

Part Number – 30 Pound Inches	Size
CGS13MHHMPT30-304-050	1/2"
CGS13MHHMPT30-304-075	3/4"
CGS13MHHMPT30-304-100	1"
CGS13MHHMPT30-304-150	1-1/2"
CGS13MHHMPT30-304-200	2.0"
CGS13MHHMPT30-304-250	2-1/2"
CGS13MHHMPT30-304-300	3"
CGS13MHHMPT30-304-400	4"
CGS13MHHMPT30-304-500	5"
CGS13MHHMPT30-304-600	6"
CGS13MHHMPT30-304-800	8"
CGS13MHHMPT30-304-1000	10"
CGS13MHHMPT30-304-1200	12"

Part Number – 50 Pound Inches

Part Number – 50 Pound Inches	Size
CGS13MHHMPT50-304-050	1/2"
CGS13MHHMPT50-304-075	3/4"
CGS13MHHMPT50-304-100	1"
CGS13MHHMPT50-304-150	1-1/2"
CGS13MHHMPT50-304-200	2.0"
CGS13MHHMPT50-304-250	2-1/2"
CGS13MHHMPT50-304-300	3"
CGS13MHHMPT50-304-400	4"
CGS13MHHMPT50-304-500	5"
CGS13MHHMPT50-304-600	6"
CGS13MHHMPT50-304-800	8"
CGS13MHHMPT50-304-1000	10"
CGS13MHHMPT50-304-1200	12"

Material

CGS-PT30 30 Pound Inches

Gasket Material Types PT30:

- BUNA-N
- Silicone
- FKM
- EPDM
- MDXD™

CGS-PT50 50 Pound Inches

Gasket Material Types PT50:

- Flexi-Steel™
- PTFE
- Flex Ti™ Titanium Super Flex
- PTFE Envelope

Perfect-Torque™ Specifications

Material:

440C Corrosion Resistant Stainless Steel

Hardness:

48 Rockwell

Overall Height:

1.670" Driving Hex: .875 (7/8")

Diameter:

.875" Override Flats: .8125 (13/16")