GripWasher Set

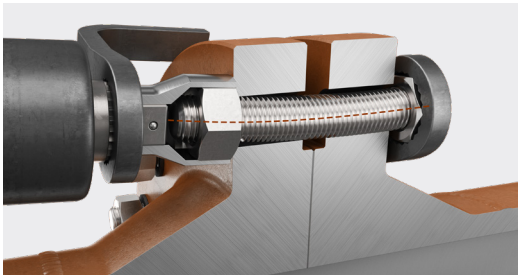
Specifications

- Effective protection against self-loosening of large bolted joints.
- **No need for additional reaction arms or mounts.**
  - Prevention of accidents at work (e.g. pinching/crushing of the fingers, ...).
  - No damage to adjacent surfaces caused by the reaction arm.
- Use **only** with electrically, pneumatically or hydraulically operated **torque tools**.
- **Prevents the screw/nut from turning** when tightening.
- The reaction torque of the torque tool is supported by a special dual socket that interlocks with the gear-shaped outer contour of the GripWasher NS-Disc.
- The tightening torque is applied axially - **no harmful bending moments.**
- **Precise tightening** due to low friction coefficient variation.
- Dual sockets adapted to **easily fit** powered tools from **most well-known tool manufacturers.**
- Immediate, effective locking even at **low preload forces.**
- Ideal for installation in **confined spaces.**
- Tightening and loosening possible with access from **only one side.**
- **Friction based positive locking.**Op wrijving gebaseerde positieve vergrendeling.

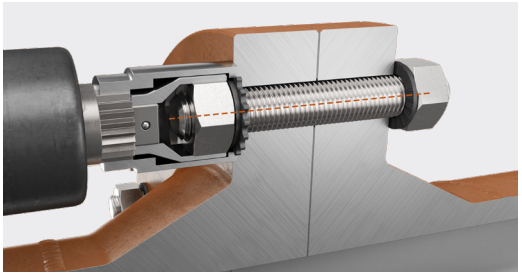
GripWasher Set

GripWasher NS-Disc

GripWasher BS-Disc



Initiation of damaging bending moments with conventional tightening methods using a reaction arm/counterholder



Use of GripWasher NS-Dics and BS-Dics in a through-hole.

Technical data

- Anti-loosening device certified according to DIN 25201
- The gear-shaped contour of the lower washer in combination with a special dual socket ensures a reaction-arm free tightening
- Material: 1.1191 (C45E) with black zinc flake coating (flZnnc)
- Hardness: 485±25 HV0,3
- Corrosion resistance: min. 1,000 h in NSS-test according to ISO 9227
- Suitable for high-strength bolts and nuts up to strength class 12.9 / 12
- Bending moment and reaction arm free tightening method
- Available dimensions: M16 - M48 (5/8“- 1 ¾“)
- Other nominal sizes, materials and coatings available on request

Models

GWset_16	M16
GWset_18	M18
GWset_20	M20
GWset_22	M22
GWset_24	M24

GWset_26	M26
GWset_28	M28
GWset_30	M30
GWset_32	M32
GWset_34	M34

GWset_36	M36
GWset_38	M38
GWset_40	M40
GWset_42	M42
GWset_44	M44

GWset_46	M46
GWset_48	M48