



Inch table

Dimensions in: inches - millimeters

| 1 d ₁ | 2 d ₂ | 3 Side thrust force F ₀ ≈ at l ₂ | | | d ₃ +0.001 see page 1054 | h min. see page 1054 | l ₁ -0.04 | l ₂ | l ₃ | l ₄ | w Adjustable distance at l ₂ | Part number installation tool |
|---------------------|---------------------|---|--------------------|--------------------|--|-------------------------|----------------------|----------------|----------------|----------------|--|----------------------------------|
| | | 4.50 lbf 20 N | 11.24 lbf 50 N | 22.48 lbf 100 N | | | | | | | | |
| 7/16 | 8 x 32 | 4.50 lbf 20 N | 11.24 lbf 50 N | 22.48 lbf 100 N | 0.39 10 | 0.47 12 | 0.47 12 | 0.16 4 | 0.06 1.5 | 0.18 4.5 | 0.06 1.6 | GN 715.1-5.6 |
| 7/16 | 8 x 32 | 8.99 lbf 40 N | 16.86 lbf 75 N | 33.72 lbf 150 N | 0.39 10 | 0.47 12 | 0.47 12 | 0.30 7.5 | 0.06 1.5 | 0.18 4.5 | 0.08 2 | GN 715.1-5.6 |
| 5/8 | 1/4 x 20 | 22.48 lbf 100 N | 44.96 lbf 200 N | 67.44 lbf 300 N | 0.63 16 | 0.71 18 | 0.71 18 | 0.45 11.5 | 0.08 2 | 0.30 7.5 | 0.13 3.2 | GN 715.1-10 |

Metric table

Dimensions in: millimeters - inches

| 1 d ₁ | 2 d ₂ | 3 Side thrust force F ₀ ≈ at l ₂ | | | d ₃ H8 see page 1054 | h min. see page 1054 | l ₁ -1 | l ₂ | l ₃ | l ₄ | w Adjustable distance at l ₂ | Part number installation tool |
|---------------------|---------------------|---|--------------------|--------------------|------------------------------------|-------------------------|-------------------|----------------|----------------|----------------|--|----------------------------------|
| | | 20 N 4.50 lbf | 50 N 11.24 lbf | 100 N 22.48 lbf | | | | | | | | |
| 10 | M 4 | 20 N 4.50 lbf | 50 N 11.24 lbf | 100 N 22.48 lbf | 10 0.39 | 12 0.47 | 12 0.47 | 4 0.16 | 1.5 0.06 | 4.5 0.18 | 1.6 0.06 | GN 715.1-5.6 |
| 10 | M 4 | 40 N 8.99 lbf | 75 N 16.86 lbf | 150 N 33.72 lbf | 10 0.39 | 12 0.47 | 12 0.47 | 7.5 0.30 | 1.5 0.06 | 4.5 0.18 | 2 0.08 | GN 715.1-5.6 |
| 16 | M 6 | 100 N 22.48 lbf | 200 N 44.96 lbf | 300 N 67.44 lbf | 16 0.63 | 18 0.71 | 18 0.71 | 11.5 0.45 | 2 0.08 | 7.5 0.30 | 3.2 0.13 | GN 715.1-10 |

Specification

- Body
Aluminum, plain finish
- Thrust plate, tapped type
 - Hardened
 - Blackened finish
- Thrust spring coding
 - **Gray**: Low thrust force
 - **Black**: Medium thrust force
 - **Silver**: High thrust force
- Seal
Rubber NBR (Perbunan®)
- *ISO Fundamental Tolerances* → page 2129
- *Elastomer Characteristics* → page 2135
- **RoHS compliant**

Accessory

- Installation tool GN 715.1
(Part number, see table)

Information

GN 714 press-fit side thrust pins are the result of further development of GN 715. User can design his own thrust pin which can be screwed into the thrust plate.

This design extends the field of possible applications. They eliminate costly alternatives, are space saving and easy to install. The knurled body requires only a hole tolerance of H8.

For easy insertion a suitable GN 715.1 installation tool is available (see table).

see also...

- *Technical and Assembly Instructions* → page 1054
- *Eccentric Bushings GN 715.2* → page 1056

| How to order | 1 Diameter d ₁ |
|---------------------|---|
| GN 714-7/16-8X32-20 | 2 Thread d ₂ |
| | 3 Side thrust force F ₀ in N |

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10