



SS Stainless Steel

Inch table

Dimensions in: inches - millimeters

| d ₁ Thread | Length l | | | | d ₂ +0.002 | A/F | Suitable for GN 631 / GN 631.5 thrust pad d1 - e (millimeter) | | | | | | |
|--------------------------|------------|------------|------------|-------------|-----------------------|------|--|----------|----------|----------|--------|----------|-----------|
| | 1 | 2 | 3 | 4 | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1/4 x 20 | 1.18 30 | 1.57 40 | 1.97 50 | - | 0.18 4.5 | 1/8 | 15 - 3.6 | 18 - 5.2 | 21 - 6 | 25 - 6.5 | 32 - 7 | - | - |
| 5/16 x 18 | 0.98 25 | 1.57 40 | 1.97 50 | 2.48 63 | 0.18 4.5 | 1/8 | 15 - 3.6 | 18 - 5.2 | 21 - 6 | 25 - 6.5 | 32 - 7 | - | - |
| 3/8 x 16 | 1.57 40 | 1.97 50 | 2.48 63 | 3.15 80 | 0.24 6.1 | 3/16 | 15 - 2.5 | 18 - 4.2 | 21 - 5 | 25 - 5.5 | 32 - 6 | 40 - 8 | 50 - 10.4 |
| 1/2 x 13 | 1.57 40 | 2.48 63 | 3.15 80 | 3.94 100 | 0.31 7.8 | 3/16 | 18 - 3.8 | 21 - 4.3 | 25 - 4.6 | 32 - 5 | 40 - 7 | 50 - 9.3 | - |

Metric table

Dimensions in: millimeters - inches

| d ₁ Thread | Length l | | | | d ₂ +0.05 | A/F | Suitable for GN 631 / GN 631.5 thrust pad d1 - e | | | | | | |
|--------------------------|------------|------------|------------|-------------|----------------------|-----|---|----------|----------|----------|----------|----------|-----------|
| | 1 | 2 | 3 | 4 | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| M 6 | 30 1.18 | 40 1.57 | 50 1.97 | - | 4.5 0.18 | 3 | 15 - 3.6 | 18 - 5.2 | 21 - 6 | 25 - 6.5 | 32 - 7 | - | - |
| M 8 | 25 0.98 | 40 1.57 | 50 1.97 | 63 2.48 | 6.1 0.24 | 4 | 15 - 2.5 | 18 - 4.2 | 21 - 5 | 25 - 5.5 | 32 - 6 | 40 - 8 | 50 - 10.4 |
| M 10 | 40 1.57 | 50 1.97 | 63 2.48 | 80 3.15 | 7.8 0.31 | 5 | 18 - 3.8 | 21 - 4.3 | 25 - 4.6 | 32 - 5 | 40 - 7 | 50 - 9.3 | - |
| M 12 | 40 1.57 | 63 2.48 | 80 3.15 | 100 3.94 | 9.4 0.37 | 6 | 21 - 3.4 | 25 - 3.6 | 32 - 4.2 | 40 - 6.2 | 50 - 8.7 | - | - |

Specification

- Stainless steel AISI 303
- *Stainless Steel Characteristics* → page 2143
- RoHS compliant

Information

GN 632.5 grub screws are typically used with GN 631 / GN 631.5 thrust pads, making a low-cost solution for clamping operations or for load bearing purposes.

The ball diameter of these grub screws is smaller than the diameter of the threaded stud, allowing them to be screwed into position from the ball side.

It is easy to press the ball end of the grub screw into the thrust pad by hand, and it's also easily dismantled.

see also...

- *Ball Jointed Leveling Feet GN 638 (Grub Screw and Thrust Pad Assembly)* → page 1492

| | |
|---------------------------|-------------------------|
| How to order (Inch) | 1 Thread d ₁ |
| GN 632.5-1/4X20-30 | 2 Length l |

| | |
|-------------------------|-------------------------|
| How to order (Metric) | 1 Thread d ₁ |
| GN 632.5-M12-100 | 2 Length l |

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10

