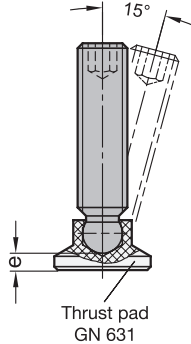


Mounting example



Inch | Metric



SS Stainless Steel

Inch table



Dimensions in: inches / millimeters

d ₁	Length l				d ₂ +0.002	A/F	Suitable for thrust pad GN 631 / GN 631.5 d ₁ - e (millimeter)										
1/4 x 20	1.18 30	1.57 40	1.97 50	-	0.177 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	0.177 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	0.240 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	0.307 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	Length l				d ₂ +0.05	A/F	Suitable for thrust pad GN 631 / GN 631.5 d ₁ - e (millimeter)										
M 6	30 1.18	40 1.57	50 1.97	-	4.5 0.177	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 0.240	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 0.307	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 0.370	6	21 - 3.4	25 - 3.6	32 - 4.2	40 - 6.2	50 - 8.7	-	-	-	-	-	-

Specification

GN 632.1

- Steel
- Property class 5.8
- Blackened finish

GN 632.5

Stainless steel AISI 303

RoHS

Technical Information

Strength Values of Screws	QVX
Stainless Steel Characteristics	QVX

Accessory

GN 631 Thrust Pads (Plastic)	QVX
GN 631.2 Thrust Pads (NBR)	QVX
GN 631.5 Thrust Pads (Stainless Steel)	QVX

Grub screws GN 632.1 / GN 632.5 with ball end are used with thrust pads GN 631, GN 631.2 and GN 631.5 for clamping and pressing.

Together with the thrust pad, the ball thrust point forms a ball joint that adapts to clamping surfaces that are uneven or not perpendicular to the screw axis. It also prevents the clamping surface from rotating when the thrust pad is in contact with the clamping surface. The ball diameter d₂ is smaller than the core diameter of the thread, with the effect that the grub screw can be screwed in on the ball side.

The ball end snaps securely into the respective thrust pad and can be removed again if needed.

see also...

GN 638 Ball Jointed Leveling Feet (Grub Screw and Thrust Pad Assembly)	QVX
GN 421.11 Hollow Knurled Screws (with Ball End)	QVX
GN 933.5 Hex Head Screws (with Ball End)	QVX
GN 6336.11 Star Knobs (with Ball End)	QVX

How to order (Steel, inch)	1 Thread d ₁
	2 Length l
GN 632.1-1/4X20-30	

How to order (Stainless steel, metric)	1 Thread d ₁
	2 Length l
GN 632.5-M8-63	

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10