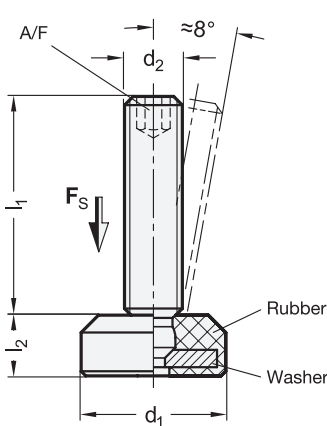
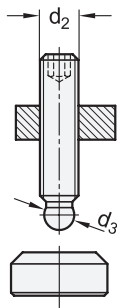




Mounting example



Inch | Metric



SS Stainless Steel

Inch table

1		2		3		Dimensions in: inches / millimeters													
d ₁		d ₂		l ₁				d ₃ ≈		l ₂		A/F		Static load F _S (see information)					
0.55 14		1/4 x 20		0.94 24		1.34 34		1.73 44		-		0.18 4.5		0.30 7.5		1/8		674 lbf 3 kN	
0.55 14		5/16 x 18		0.75 19		1.34 34		1.73 44		2.24 57		0.18 4.5		0.30 7.5		1/8		1124 lbf 5 kN	
0.75 19		3/8 x 16		1.30 33		1.69 43		2.20 56		2.87 73		0.24 6.1		0.39 10		3/16		1574 lbf 7 kN	
0.98 25		1/2 x 13		1.26 32		2.17 55		2.83 72		3.62 92		0.31 7.8		0.43 11		3/16		3597 lbf 16 kN	

Metric table

1		2		3		Dimensions in: millimeters / inches					
d ₁	d ₂	l ₁				d ₃ ≈	l ₂	A/F	Static load F _S (see information)		
14 0.55	M 6	24 0.94	34 1.34	44 1.73	-	4.5 0.18	7.5 0.30	3	3 kN 674 lbf		
19 0.75	M 8	18 0.71	33 1.30	43 1.69	56 2.20	6.1 0.24	10 0.39	4	5 kN 1124 lbf		
25 0.98	M 10	32 1.26	42 1.65	55 2.17	72 2.83	7.8 0.31	11 0.43	5	7 kN 1574 lbf		
32 1.26	M 12	31 1.22	54 2.13	71 2.80	91 3.58	9.4 0.37	13 0.51	6	16 kN 3597 lbf		

Specification

Thrust pad

Acrylonitrile butadiene rubber (NBR)

- Hardness 85 ±5 Shore A
- Operating temperature up to 248 °F (120 °C)
- Black, matte finish
- Washer
- Stainless steel AISI 303

● SW

Grub Screw

- Stainless steel AISI 303
- Steel
- Property class 5.8
- Blackened finish

NR
BR

RoHS

Technical Information

Strength Values of Screws	QVX
Plastic Characteristics	QVX
Stainless Steel Characteristics	QVX

Accessory

Page

GN 349 Threaded Mounting Plates	QVX
EN 448 Threaded Tube Ends (Round Type)	QVX

Ball jointed leveling feet GN 638 are used for installing and leveling devices or for pressing and clamping.

The thrust pad of NBR has anti-slip, dampening and noise-reducing properties and prevents damage to sensitive surfaces. The disk is encased in vulcanized rubber to ensure height load capacity and dimensional stability. Together with the thrust pad, the ball thrust point forms a ball joint that adapts to mounting 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 to the clamping surface.

The ball jointed leveling feet are supplied unassembled. The ball thrust point of the threaded stud can be easily pressed into the thrust pad and removed again if needed. The ball diameter d₃ is smaller than the core diameter of the thread, with the effect that the threaded stud can be screwed in on the ball side.

The indicated static load serves as a guide value; a corresponding safety factor must be additionally taken into account depending on the application.

see also...

Page

GN 638 Ball Jointed Leveling Feet (Plastic Thrust Pad / Stainless Steel)	QVX
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How to order

1

2

3

4

5

GN 638-14-5/16x18-56-NR-SW

1	Outer diameter d ₁
2	Thread d ₂
3	Length l ₁
4	Material (Threaded stud)
5	Color (Thrust pad)