



Metric table

1		2		Dimensions in: millimeters / inches	
d ₁	Length l			d ₂	A/F
M 6	30 1.18	40 1.57	50 1.97	4.5 0.18	2
M 8	40 1.57	50 1.97	63 2.48	6 0.24	3

Specification

3

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Plastic, polyamide (PA-HP)

PA

• Glass fiber reinforced

• Operating temperature

-22 °F to +212 °F (-30 °C to +100 °C)

• Black, RAL 9005, matte finish

• Gray, RAL 7040, matte finish

● SW

○ GR

RoHS

Grub screws EN 632.9 with ball end are made of plastic, making them lightweight, resistant to corrosion and electrically insulating. They 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 end forms a ball joint that adapts to clamping surfaces that are uneven or not perpendicular to the screw axis. It also prevents the rotational movement from being transferred to the clamping surface during clamping. The ball diameter d₂ is smaller than the core diameter of the thread, so that the grub screw can be screwed in on the ball side. The ball pin snaps securely into the respective thrust pad and can be removed again if necessary.

see also...	Page
GN 632.1 Grub Screws (Steel)	QVX
GN 632.5 Grub Screws (Stainless Steel)	QVX
EN 638.9 Ball Jointed Leveling Feet (Thrust Pad with Grub Screw)	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

Technical Information	
Plastic Characteristics	QVX
Accessory	
GN 631 Thrust Pads (Plastic)	QVX
GN 631.2 Thrust Pads (NBR)	QVX
GN 631.5 Thrust Pads (Stainless Steel)	QVX

How to order

1

2

3

4

1 Thread d₁

2 Length l

3 Material

4 Color

EN 632.9-M8-63-PA-SW