



**2 Type**

- KS** Ball with threaded stud
- KI** Ball with tapped hole

**3 Identification no.**

- 1** Mounting socket with tapped hole
- 2** Mounting socket with threaded stud

**Metric table**

**1**

Dimensions in: millimeters - inches

d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	l <sub>5</sub> <sup>+1.0 -0.3</sup>	l <sub>6</sub> ≈	l <sub>7</sub> ≈	A/F <sub>1</sub>	A/F <sub>2</sub>	Recommended tightening torque in Nm ≈
M 6	M 6	17 0.67	8.5 0.33	10 0.39	8 0.31	11 0.43	20 0.79	25 0.98	16.8 0.66	16 0.63	15	7	15
M 8	M 8	19 0.75	11 0.43	12 0.47	10 0.39	12.5 0.49	23 0.91	29.5 1.16	19.5 0.77	18 0.71	17	9	20
M 10	M 10	21 0.83	13 0.51	15 0.59	12 0.47	14 0.55	26 1.02	33.5 1.32	23.5 0.93	20 0.79	19	11	35
M 12	M 12	28 1.10	16 0.63	18 0.71	15 0.59	20 0.79	34 1.34	44 1.73	31.5 1.24	28 1.10	25	14	45

**Specification**

- Body  
Steel, zinc plated, blue passivated finish
- Brake piece  
Plastic  
Technopolymer (Polyamide PA)
- Plastic Characteristics → page 2135
- RoHS compliant

**Information**

GN 782 axial ball joints are an excellent choice e.g. for mounting sensors requiring exact positioning or frequent, tool-free adjustments of varying positions.

The clamping nut of the GN 782 axial ball joints can be used to adjust the compression force of the spring washers and thus the resistance to the ball movement.

At the same time, the spring washers act as a safety lock for the clamping nut.

When the maximum compression force of the spring washers is reached, the ball is firmly clamped with the clamping nut via the brake piece.

The maximum tightening torque specified in the table should not be exceeded.

see also...

- Threaded Ball Joint Linkages DIN 71802 (Steel) → page QVX
- Threaded Ball Joint Linkages DIN 71802 (Stainless Steel) → page QVX
- Swivel Ball Joint Mounting Clamps GN 487 → page QVX
- Swivel Ball Joint GN 784 → page QVX

How to order <b>GN 782-M10-KS-1</b>	1	Thread d <sub>1</sub>
	2	Type
	3	Identification no.