



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 ₁ Thread	d ₂ Thread	d ₃	d ₄	l ₁	l ₂	l ₃	l ₄	l ₅ ^{+1.0 -0.3}	l ₆ ≈	l ₇ ≈	A/F ₁	A/F ₂	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	27.7 1.09	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.

How to order

GN 782-M10-KS-1

1 Thread d₁

2 Type

3 Identification no.