# GN 782

## Axial ball joints

### SPECIFICATION

**Types**

- Type **KS**: Ball with male thread
- Type **KI**: Ball with female thread

**Identification No.**

- No. **1**: Mounting socket with female thread
- No. **2**: Mounting socket with male thread

Steel
zinc plated, blue passivated

Brake piece
Technopolymer (Polyamide PA)

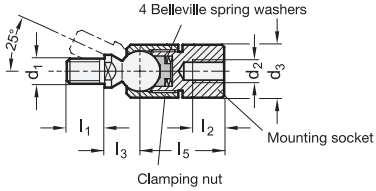
### INFORMATION

The clamping nut of the axial ball joints GN 782 can be set to give a required thrust on the Belleville spring washers in order to increase the resistance to the ball movement.
At the same time the Belleville spring washers act as safety washers for the screws.
Once the max. thrust to the Belleville spring washers is reached the ball arm is firmly immobilised in position over the clamping nut and screw.

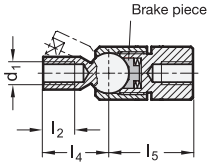
### TECHNICAL INFORMATION

- Plastic characteristics (see page A2)

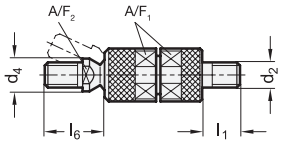
Version **KS-1**



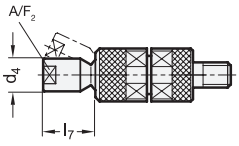

Version **KI-1**




Version **KS-2**




Version **KI-2**




**GN 782**

| Description | d1 | d2 | d3 | d4 | l1 | l2 | l3 | l4 | l5 +1.0/-0.3 | l6 ≈ | l7 ≈ | A/F 1 | A/F 2 | recommended tightening torque in Nm≈ | ⚖ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GN 782-M6-KS-1 | M 6 | M 6 | 17 | 8.5 | 10 | 8 | 11 | 20 | 25 | 16.8 | 16 | 15 | 7 | 15 | 46 |
| GN 782-M6-KI-1 | M 6 | M 6 | 17 | 8.5 | 10 | 8 | 11 | 20 | 25 | 16.8 | 16 | 15 | 7 | 15 | 46 |
| GN 782-M8-KS-1 | M 8 | M 8 | 19 | 11 | 12 | 10 | 12.5 | 23 | 29.5 | 19.5 | 18 | 17 | 9 | 20 | 68 |
| GN 782-M8-KI-1 | M 8 | M 8 | 19 | 11 | 12 | 10 | 12.5 | 23 | 29.5 | 19.5 | 18 | 17 | 9 | 20 | 67 |
| GN 782-M10-KS-1 | M 10 | M 10 | 21 | 13 | 15 | 12 | 14 | 26 | 33.5 | 23.5 | 20 | 19 | 11 | 35 | 95 |
| GN 782-M10-KI-1 | M 10 | M 10 | 21 | 13 | 15 | 12 | 14 | 26 | 33.5 | 23.5 | 20 | 19 | 11 | 35 | 95 |
| GN 782-M12-KS-1 | M 12 | M 12 | 28 | 16 | 18 | 15 | 20 | 34 | 44 | 27.7 | 28 | 25 | 14 | 45 | 220 |
| GN 782-M12-KI-1 | M 12 | M 12 | 28 | 16 | 18 | 15 | 20 | 34 | 44 | 27.7 | 28 | 25 | 14 | 45 | 220 |
| GN 782-M6-KS-2 | M 6 | M 6 | 17 | 8.5 | 10 | 8 | 11 | 20 | 25 | 16.8 | 16 | 15 | 7 | 15 | 50 |
| GN 782-M6-KI-2 | M 6 | M 6 | 17 | 8.5 | 10 | 8 | 11 | 20 | 25 | 16.8 | 16 | 15 | 7 | 15 | 50 |
| GN 782-M8-KS-2 | M 8 | M 8 | 19 | 11 | 12 | 10 | 12.5 | 23 | 29.5 | 19.5 | 18 | 17 | 9 | 20 | 76 |
| GN 782-M8-KI-2 | M 8 | M 8 | 19 | 11 | 12 | 10 | 12.5 | 23 | 29.5 | 19.5 | 18 | 17 | 9 | 20 | 75 |
| GN 782-M10-KS-2 | M 10 | M 10 | 21 | 13 | 15 | 12 | 14 | 26 | 33.5 | 23.5 | 20 | 19 | 11 | 35 | 110 |
| GN 782-M10-KI-2 | M 10 | M 10 | 21 | 13 | 15 | 12 | 14 | 26 | 33.5 | 23.5 | 20 | 19 | 11 | 35 | 108 |
| GN 782-M12-KS-2 | M 12 | M 12 | 28 | 16 | 18 | 15 | 20 | 34 | 44 | 27.7 | 28 | 25 | 14 | 45 | 252 |
| GN 782-M12-KI-2 | M 12 | M 12 | 28 | 16 | 18 | 15 | 20 | 34 | 44 | 27.7 | 28 | 25 | 14 | 45 | 252 |