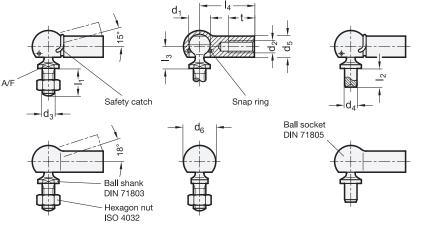
with Threaded Ball Shanks and Rivet Ball Shanks







Type

- **CS** With threaded ball shank, with safety catch
- C With threaded ball shank, without safety catch
- **BS** With rivet ball shank, with safety catch
- **B** With rivet ball shank, without safety catch

V	4													
d ₁ H9/h9	d ₂	Left hand thread	I ₂		d ₃	d ₄ h11	d ₅	d ₆	I ₁	l ₃	I ₄	t Min.	A/F	Min. pull-off force in N
8	M 5	M 5L	4	7,5	M 5	5	8	12,8	10	8,5	22	10,5	7	30
10	M 6	M 6L	4,5	8	M 6	6	10	14,8	12,5	10,5	25	11,5	8	40
13	M 8	M 8L	5	10	M 8	8	13	19,3	16,5	12	30	14	11	60
16	M 10	M 10L	6	13	M 10	10	16	24	20	15	35	15,5	13	80
16	M 12	M 12L	6	13	M 12	10	16	24	20	15	35	15,5	13	80
19	M 14F (≙M 14 x 1,5)	M 14FL (≙M 14 x 1,5L)	12	18	M 14F (≙M 14 x 1,5)	14	22	30	28	19,5	45	21,5	16	100

Specification

- Steel
 - Property class 5
- Zinc plated, colorless passivated
- Ball

Steel

- Hardened
- Ball seat lubricated
- ISO Fundamental Tolerances → Page 2151
- RoHS

Accessory

Dust Caps GN 710 → Page 1671

On request

- Smooth specification (Ball seat with play)
- · Ball studs DIN 71803
- Ball sockets DIN 71805
- Axial joints (ball socket and ball shank in one axis)

Information

Angled ball joints DIN 71802 consist of a ball socket DIN 71805 and a ball shank DIN 71803.

The angle of rotation for the type with safety catch (Type CS, BS) is 15°, without safety catch (Type C, B) is 18°.

For assembly the ball ist pushed through the circlip which acts as a retainer. Should the retaining force (see pull-off force in the table above) between ball and socket not be sufficient, this can be increased by adding a safety catch, which can easily be fitted.

To protect the angled ball point, a dust cap GN 710 can be added.

The hexagon nut is part of the angled ball joints with threaded stud.

	How to order (With threaded ball shank)	1	d ₁				
	1 2 4	2	d ₂				
	DIN 71802-19-M14FL-CS	4	Туре				
	How to order (With rivet ball shank)	1	d ₁				
		2	d ₂				
	1 2 3 4	3	I ₂				
	DIN 71802-13-M8-10-B	4	Туре				