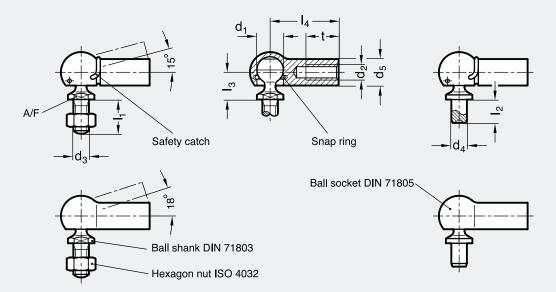


Angled ball joints



Type CS with threaded ball shank, with safety catch
Type C with threaded ball shank, without safety catch

Type **BS** with rivet ball shank, with safety catch
Type **B** with rivet ball shank, without safety catch

d 1 H9/h9	d ₂ Left hand thread		l 2		d ₃	d4 h11	d 5	l ₁	lз	l 4	t min.	A/F	min. pull-off force [N]
8 10 13	M 5 M 6 M 8	M 5 L M 6 L M 8 L	4 4,5 5	7,5 8 10	M 5 M 6 M 8	5 6 8	8 10 13	10 12,5 16,5	9 11 13	22 25 30	10,5 11,5 14	7 8 11	30 40 60
16 16 19	M 10 M 12 M 14 F = M 14×1,5	M 10 L M 12 L M 14 FL = M 14×1,5 L	6 6 12	13 13 18	M 10 M 12 M 14×1,5	10 10 14	16 16 22	20 20 28	16 16 20	35 35 45	15,5 15,5 21,5	13 13 16	80 80 100

Specification

Steel

Ball hardened Ball lubricated

zinc plated, colourless passivated

ISO-Fundamental Tolerances

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Information

Angled ball joints DIN 71802 (**photo** page 788) consist of a ball socket DIN 71805 and a ball shank DIN 71803.

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

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

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

On request:

Angled ball joints with reduced resistance (ball socket with play)
Ball studs DIN 71803
Ball sockets DIN 71805

Dust caps GN 710

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How to order

The hexagon nut is part of the angled ball joints.

Dust caps GN 710 have to be ordered separately.