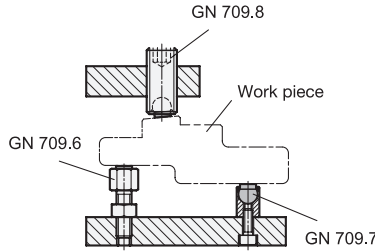


Application example of different clamping pads with O-ring



3 Type

- B** Ball steel, smooth contact face
- R** Ball steel, serrated contact face
- K** Ball plastic, smooth contact face

1

2

d ₁ h9	l ₁ ±0,13	d ₂	d ₃	d ₄ Ball-Ø	l ₂	Static load max. in kN		
						Type B	Type R	Type K
10	12	M 4	6	7	4,1	12	6	2
10	25	M 4	6	7	17,1	12	6	2
13	16	M 5	8,5	10	5,7	20	9	4
13	25	M 5	8,5	10	14,7	20	9	4

Specification

- Steel
 - tempered
 - Tensile strength class 10.9
- Ball
 - Type B and R: Steel hardened (54+2 HRC)
 - Type K: Plastic (Polyacetal POM)
- O-Ring
 - Rubber NBR (Perbunan)
- Strength values of screws → Page 1481
- Plastic characteristics → Page 1483
- Elastomer characteristics → Page 1483
- RoHS

Information

Clamping pads GN 709.7 are also used in jig and fixture construction, for example for clamping workpieces, as movable bearing surface or as stop. The swivel-mounted ball compensates uneven and non-parallel contact surfaces by as much as 10°. It is also secured against further twisting.

The O-ring holds the ball in position and prevents dirt from penetrating, resulting in a long service life and constant mobility.

see also...

- Clamping pads GN 709.1 (with threaded stud) → Page 844
- Clamping pads GN 709.2 (with female thread) → Page 845

How to order

GN 709.7-13-25-B

- 1** d₁
- 2** l₁
- 3** Type