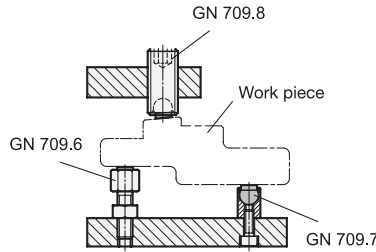


Application example of different clamping pads with O-ring



**3 Type**

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

**1**

**2**

d <sub>1</sub> h9	l <sub>1</sub> ±0,13	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub> Ball-Ø	l <sub>2</sub>	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 compliant

**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** d<sub>1</sub>
- 2** l<sub>1</sub>
- 3** Type