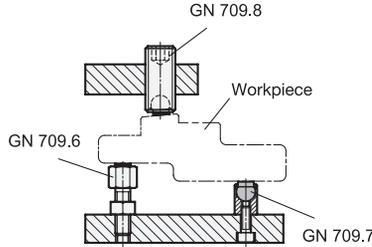


Application example of different clamping pads with O-ring



3 Type

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

1 **2**

d ₁	l ₁	d ₂	d ₃ Ball-Ø	l ₂	A/F	e	Static load max. in kN				
							Type B	Type R	Type K		
M 6	12	25	40	6	7	9,5	10	11,5	12	6	2
M 8	12	25	40	8,5	10	13	13	15	20	9	4

Specification

- Steel
 - Tempered
 - Property 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 2152
- *Elastomer Characteristics* → Page 2158
- *Plastic Characteristics* → Page 2158
- RoHS

Information

Clamping pads GN 709.6 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 1128
- *Clamping Pads GN 709.8 (with Threaded Stud, Adjustable)* → Page 1133

How to order

GN 709.6-M6-12-B

1	d ₁
2	l ₁
3	Type

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9

