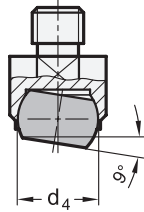
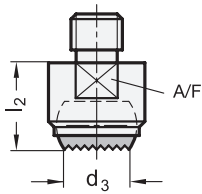
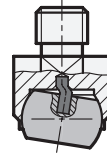


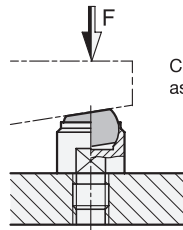
Type B / R / RH



Type BR / RR / RRH



Application example



Clamping pad when used as a workpiece support

- 3** Type
- B** Smooth contact face
  - R\*** Serrated contact face
  - BR** Smooth contact face, with automatic return
  - RR\*** Serrated contact face, with automatic return
  - RH** Serrated contact face, with hard metal ball
  - RRH** Serrated contact face, with automatic return, with hard metal ball

<b>1</b> d <sub>1</sub>	<b>2</b> d <sub>2</sub>	d <sub>3</sub>	Type B, R, Type BR, RR	Type RH Type RRH	d <sub>4</sub> Ball-Ø	l <sub>1</sub> ±0,02	l <sub>2</sub> ±0,1	l <sub>3</sub>	A/F	Static load max. in kN
13	M 6	M 8	7,2	8,3	10	13	13	8	11	10
20	M 8	M 10	10,5	13,2	16	18	18	10	17	25
20	M 12	-	10,5	13,2	16	18	18	12	17	25
30	M 16	-	20	20	25	27	27	16	27	90
50	M 20	-	34,5	34,5	40	35	35	20	41	165
50	M 24	-	34,5	34,5	40	35	35	24	41	165

\*only available for GN 709.1

**Specification**

- **GN 709.1**  
Steel  
Tempered, phosphated
  - Ball steel, hardened, plain (Type B / R / BR / RRH)
  - Ball hard metal steel, nickel plated (Type RH / RRH)
  - Spring element plastic (PUR) (Type BR / RR / RRH)
- **GN 709.15**  
Stainless steel AISI 431  
Tempered
  - Ball stainless steel AISI 420C Nickel plated (Type B / BR)
  - Ball hard metal steel, nickel plated (Type RH / RRH)
  - Spring element plastic (PUR) (Type BR / RRH)
- *Elastomer Characteristics* → Page 2158
- *Stainless Steel Characteristics* → Page 2166
- RoHS

**Information**

Clamping pads GN 709.1 / GN 709.15 are used as movable supports or plungers for clamping workpieces. They can also be used as stops. For cast components the use of clamping pads with a hard metal ball is recommended.

After the clamping process, the contact surfaces of clamping pads automatically reset themselves to their initial position. This prevents the bearing from jamming in an inclined position when the workpiece is inserted. The bearing can be rotated by a maximum of 9° and is secured against further rotation.

see also...

- *Clamping Pads GN 709.6 (with Threaded Stud, Adjustable)* → Page 1131
- *Clamping Pads GN 709.7 (with Internal Thread)* → Page 1132

How to order (Steel)

**GN 709.1-20-M10-R**

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

How to order (Stainless steel)

**GN 709.15-13-M8-B**

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