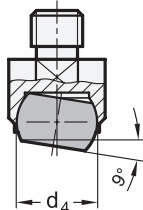
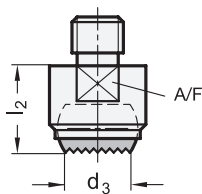
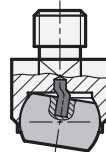


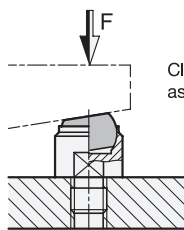
Type B / R / RH



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

d ₁	d ₂		d ₃			d ₄ Ball-Ø	l ₁ ±0,02	l ₂ ±0,1	l ₃	A/F	Static load max. in kN
	Type B, R, BR, RR	Type RH	Type RRH								
13	M 6	M 8	7,2	8,3	8,3	10	13	13	8	11	10
20	M 8	M 10	10,5	12,8	10,5	16	18	18	10	17	25
20	M 12	-	10,5	12,8	10,5	16	18	18	12	17	25
30	M 16	-	20	20	20	25	27	27	16	27	90
50	M 20	-	34,5	34,5	34,5	40	35	35	20	41	165
50	M 24	-	34,5	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, blank (Type B / R / BR / RR)
 - 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 1483
- [Stainless Steel characteristics](#) → Page 1489
- [RoHS](#)

Information

GN 709.1 / GN 709.15 clamping pads 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 847
- [Clamping pads GN 709.7 \(with female thread\)](#) → Page 848

How to order (Steel)	1 d ₁
GN 709.1-20-M10-R	2 d ₂
	3 Type

How to order (Stainless Steel)	1 d ₁
GN 709.15-13-M8-B	2 d ₂
	3 Type