



SS Stainless Steel

**2 Type**

- B** Smooth contact face
- R\*** Serrated contact face
- BR** Smooth contact face, with automatic return
- RR\*** Serrated contact face, with automatic return

**Metric table**



Dimensions in: millimeters - inches

d <sub>1</sub> n6	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub> Ball Ø	d <sub>5</sub> H7 Location bore	l <sub>1</sub> ±0.02		l <sub>2</sub> ±0.1		l <sub>3</sub> max.		t min. For maximum load		Static load max.
					Type B	Type BR	Type R	Type RR	Type B / R	Type BR / RR	Type B / R	Type BR / RR	
12 0.47	M 3	7.2 0.28	10 0.39	12 0.47	11 0.43	17 0.67	11 0.43	17 0.67	3.2 0.13	3.2 0.13	6 0.24	12 0.47	10 kN 2248 lbf
18 0.71	M 4	10.5 0.41	16 0.63	18 0.71	17 0.67	23 0.91	17 0.67	23 0.91	4.0 0.16	4.0 0.16	8 0.31	14 0.55	25 kN 5620 lbf
28 1.10	M 5	20 0.79	25 0.98	28 1.10	25 0.98	34 1.34	25 0.98	34 1.34	5.5 0.22	6.0 0.24	13 0.51	22 0.87	90 kN 20233 lbf

\* Only available for GN 709.2

**Specification**

- **GN 709.2**
  - Clamping pad body  
Steel, tempered, phosphate-treated
  - Ball  
Steel, hardened, plain finish
  - Spring element (Type BR / RR)  
Plastic (PUR)

- **GN 709.25**
  - Clamping pad body  
Stainless steel AISI 431  
Tempered
  - Ball  
Stainless steel AISI 420C  
Nickel plated
  - Spring element (Type BR)  
Plastic (PUR)

- ISO Fundamental Tolerances → page 2129
- Elastomer Characteristics → page 2135
- Stainless Steel Characteristics → page 2143
- RoHS compliant

**On request**

- Hardened metal ball with serrated contact face

**Information**

GN 709.2 and GN 709.25 clamping pads are used as mobile supports or as thrust blocks for clamping workpieces. They can also be used as stops.

The contact face of clamping pads with automatic return moves back to its initial position after the clamping process. This prevents the ball from jamming in an inclined position when the workpiece is inserted.

The ball is limited to an angular movement of no more than 9° and is secured against further twisting.

see also...

- Clamping Pads GN 709.7 (Tapped) → [www.jwwinco.com](http://www.jwwinco.com)

<b>How to order (Steel)</b>  <b>GN 709.2-28-R</b>	1	Diameter d <sub>1</sub>
	2	Type
<b>How to order (Stainless steel)</b>  <b>GN 709.25-18-B</b>	1	Diameter d <sub>1</sub>
	2	Type