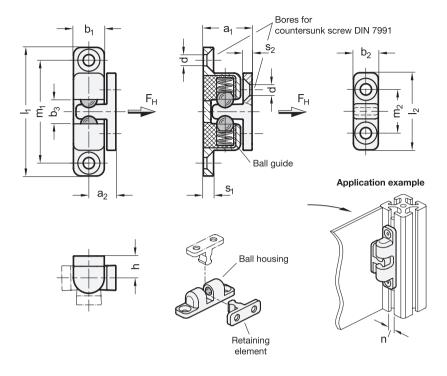
3.1

3.5







- Identification no.
- 2 High holding force

Standard holding force

Dimensions in: millimeters - inches

## Metric table

# 2

<b>Y</b>															
I <sub>1</sub>	a <sub>1</sub>	<b>a</b> <sub>2</sub>	b <sub>1</sub>	b <sub>2</sub>	<b>b</b> <sub>3</sub>	<b>d</b> For screw thread	h	l <sub>2</sub>	m <sub>1</sub>	m <sub>2</sub>	S <sub>1</sub>	S <sub>2</sub>	For slot width n	Holding force $F_H \approx$   Identification no. 1   Identification no. 2	
38	15	7.5	8	7	4.3	M 3	7.5	21	30	12	4	2.5	≤ 4.5	25 N	35 N
1.50	0.59	0.30	0.31	0.28	0.17		0.30	0.83	1.18	0.47	0.16	0.10	≤ 0.18	5.62 lbf	7.87 lbf
50	20	10.5	12	10	6.5	M 4	9.5	30	40	17	5	3.5	≤ 6	40 N	70 N
1.97	0.79	0.41	0.47	0.39	0.26		0.37	1.18	1.57	0.67	0.20	0.14	≤ 0.24	8.99 lbf	15.74 lbf
68	23	12	14.5	11	9.5	M 4	11	32.5	55	20	5	3.5	≤ 8	75 N	100 N
2.68	0.91	0.47	0.57	0.43	0.37		0.43	1.28	2.17	0.79	0.20	0.14	≤ 0.31	16.86 lbf	22.48 lbf
80	27	14	16.5	13	11	M 5	13	40	65	25	6	4	≤ 10	125 N	150 N
3.15	1.06	0.55	0.65	0.51	0.43		0.51	1.57	2.56	0.98	0.24	0.16	≤ 0.39	28.10 lbf	33.72 lbf

# **Specification**

- 4

**SW** 

**SR** 

GS

- · Ball housing / retaining element
- Zinc die-cast ZD Powder coated Black, RAL 9005, textured finish
- Stainless steel AISI 630
- Silver, RAL 9006, textured finish Matte shot-blasted finish
- Stainless steel AISI 420C (for ZD)
- Ceramic, silicon nitride, black (for NIK)
- Stainless steel AISI 301 (for ZD)
- Stainless steel AISI 316Ti (for NIK)
- · Ball guide Plastic (Polyacetal POM)
- Stainless Steel Characteristics → page 2143
- · RoHS compliant

#### On request

• Other colors / finishes

#### Information

GN 4490 ball catches are used, for example, to hold flaps and doors closed that must be opened and closed frequently and easily. The stainless steel version is especially wear-resistant and also suitable for use in aggressive environments.

The ball catches consist of a ball housing and a retaining element that engages in the ball housing from the side or front. The installation orientation can be chosen as desired.

Beyond the typical uses, these solid and attractively designed ball catches are also utilized in technical environments. When used with profile systems, the slot width n may not be larger than listed in the table.

## see also...

- Product Family Standard Parts for Profile Systems → page 18
- Ball Shaped Door Catches EN 450 (Plastic) → page 1306
- Snap Door Latches EN 449 (Plastic) → www.jwwinco.com

How to order

GN 4490-ZD-50-1-SW

	1	Material						
	2	Length I₁						
	3	Identification no.						
	4	Color (Finish)						

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