



3 Identification no.

- 1 Standard holding force
- 2 High holding force

Metric table

2

Dimensions in: millimeters - inches

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

Specification

1

4

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

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

On request

- Other colors / finishes

How to order		1 Material
		2 Length l ₁
		3 Identification no.
		4 Color (Finish)
GN 4490-ZD-50-1-SW		

3.1
3.2
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3.4
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