



- 3 Identification no.**
- 1 Standard holding force
 - 2 High holding force

2

l_1	a_1	a_2	b_1	b_2	b_3	d For screws	h	l_2	m_1	m_2	s_1	s_2	For slot width n	Holding force F_H in N \approx	
														Id no. 1	Id no. 2
38	15	7,5	8	7	4,3	M 3	7,5	21	30	12	4	2,5	$\leq 4,5$	25	35
50	20	10,5	12	10	6,5	M 4	9,5	30	40	17	5	3,5	≤ 6	40	70
68	23	12	14,5	11	9,5	M 4	11	32,5	55	20	5	3,5	≤ 8	75	100
80	27	14	16,5	13	11	M 5	13	40	65	25	6	4	≤ 10	125	150

Specification

1 4

- Ball housing / retaining element
 - Zinc die casting **ZD**
 - Powder coated
 - Black, RAL 9005, textured finish **● SW**
 - Silver, RAL 9006, textured finish **● SR**
 - Stainless steel AISI 316L **NIK**
 - Matte shot-blasted **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 2166
- RoHS

On request

- Other colors / finishes

Information

Ball catches GN 4490 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 hard-wearing 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 in profile systems, the slot width n may not be larger than listed in the table.

see also...

- Ball-Shaped Door Locks GN 450 (Plastic) → Page 1262
- Spring-Bolt Door Latches GN 449 (Plastic) → Page 1256
- Assembly Sets for Profile Systems 30 / 40 GN 965 → Page 2086
- Assembly Sets for Profile Systems 30 / 40 / 45 GN 968 → Page 2096

How to order	
1	Material
2	l_1
3	Identification no.
4	Finish

GN 4490-ZD-50-1-SW

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9