



- 3 Identification no.**
- 1 standard holding force
  - 2 high holding force

l <sub>1</sub>	a <sub>1</sub>	a <sub>2</sub>	b <sub>1</sub>	b <sub>2</sub>	b <sub>3</sub>	d for screws	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 <sub>H</sub> in N ≈	
														ld no. 1	ld no. 2
38	15	7,5	8	7	4,3	M 3	7,5	21	30	12	4	2,5	≤ 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**

- Ball housing / Retaining element
  - Zinc die casting **ZD**
  - plastic coated black, RAL 9005, textured finish ● **SW**
  - silver, RAL 9006, textured finish ○ **SR**
  - Stainless Steel **A4K**
  - AISI 316 LHC matte shot-blasted **GS**
- Ball
  - Stainless Steel, A2 (for ZD)
  - Stainless Steel, A4 (for A4K)
- Spring
  - Stainless Steel AISI 301 (for ZD)
  - Stainless Steel AISI 316 Ti (for A4K)
- Ball guide
  - Plastic (Polyacetal POM)
- Stainless Steel characteristics → Page 1489
- 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 with profile systems, the slot width n may not be smaller than listed in the table.

see also...

- Assembly sets for profile systems 30 / 40 GN 965 → Page 1428
- Assembly sets for profile systems 30 / 40 / 45 GN 968 → Page 1438

How to order	
1	Material
2	l <sub>1</sub>
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