

STANDARD EXECUTIONS

Pass-through holes for countersunk head screws.

- **GN 4490-ZD-A1**: die-cast zinc alloy, normal end-force spring in AISI 301 stainless steel.
- **GN 4490-ZD-A2**: die-cast zinc alloy, reinforced end-force spring in AISI 301 stainless steel.

Surface finish index:

- **SR**: RAL 9006 grey epoxy resin coating, matte finish.
- **SW**: RAL 9005 black epoxy resin coating, matte finish.
- **GN 4490-NI-A1**: AISI 316 LHC stainless steel, normal end-force spring in AISI 316 Ti stainless steel.
- **GN 4490-NI-A2**: AISI 316 stainless steel LHC, reinforced end-force spring in AISI 316 Ti stainless steel.

BALL CONTAINMENT BODY

Acetal resin based (POM) technopolymer.

BALLS

- AISI 304 stainless steel (Type ZD).
- Ceramic, silicon nitride, black colour (Type NI).

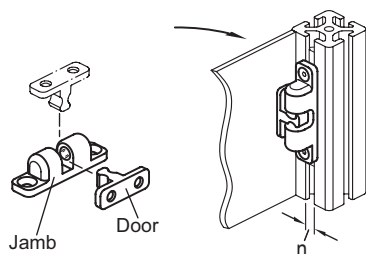
FEATURES AND APPLICATIONS

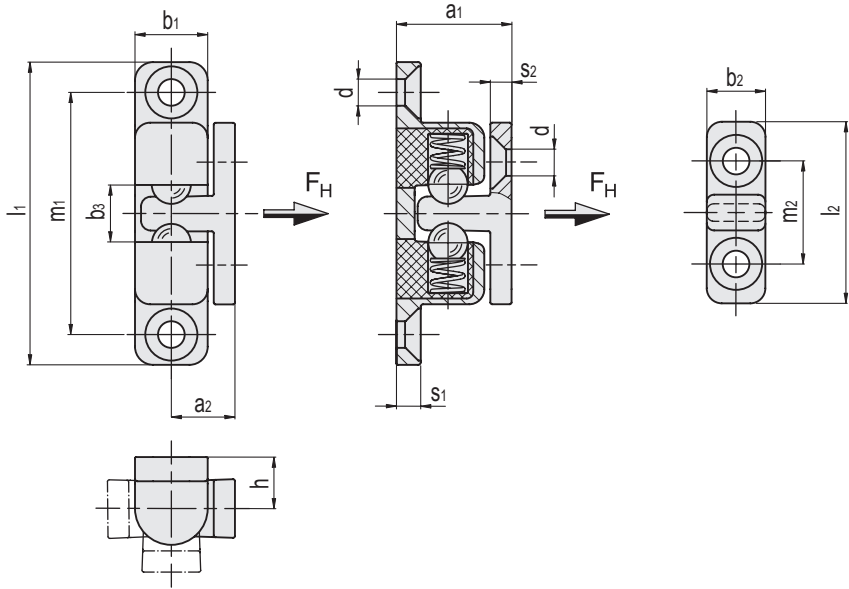
GN 4490 ball-shaped door locks are generally used for closing panels and doors that must be opened and closed frequently with ease.

They consist of a jamb body, equipped with balls and springs, and a door body that engages laterally or frontally. The installation can be oriented as required.

SPECIAL EXECUTION ON REQUEST

Epoxy resin coatings in various colours.





Conversion Table	
1 mm = 0.039 inch	
l1	
mm	inch
38	1.50
50	1.97
68	2.68
80	3.15

GN 4490-ZD-A1

Code	Description	l1	l2	a1	a2	b1	b2	b3	d	h	m1	m2	s1	s2	n	FH* [N]	
GN.22803	GN 4490-ZD-38-A1-AG-SW	38	21	15	7.5	8	7	4.3	3.5	7.5	30	12	4	2.5	≤ 4.5	25	12
GN.22811	GN 4490-ZD-50-A1-AG-SW	50	30	20	10.5	12	10	6.5	4.5	9.5	40	17	5	3.5	≤ 6	40	29
GN.22819	GN 4490-ZD-68-A1-AG-SW	68	32.5	23	12	14.5	11	9.5	4.5	11	55	20	5	3.5	≤ 8	75	56
GN.22827	GN 4490-ZD-80-A1-AG-SW	80	40	27	14	16.5	13	11	5.5	13	65	25	6	4	≤ 10	125	88
GN.22801	GN 4490-ZD-38-A1-AG-SR	38	21	15	7.5	8	7	4.3	3.5	7.5	30	12	4	2.5	≤ 4.5	25	12
GN.22809	GN 4490-ZD-50-A1-AG-SR	50	30	20	10.5	12	10	6.5	4.5	9.5	40	17	5	3.5	≤ 6	40	31
GN.22817	GN 4490-ZD-68-A1-AG-SR	68	32.5	23	12	14.5	11	9.5	4.5	11	55	20	5	3.5	≤ 8	75	56
GN.22825	GN 4490-ZD-80-A1-AG-SR	80	40	27	14	16.5	13	11	5.5	13	65	25	6	4	≤ 10	125	88

GN 4490-ZD-A2

Code	Description	l1	l2	a1	a2	b1	b2	b3	d	h	m1	m2	s1	s2	n	FH* [N]	
GN.22807	GN 4490-ZD-38-A2-AG-SW	38	21	15	7.5	8	7	4.3	3.5	7.5	30	12	4	2.5	≤ 4.5	35	12
GN.22815	GN 4490-ZD-50-A2-AG-SW	50	30	20	10.5	12	10	6.5	4.5	9.5	40	17	5	3.5	≤ 6	70	31
GN.22823	GN 4490-ZD-68-A2-AG-SW	68	32.5	23	12	14.5	11	9.5	4.5	11	55	20	5	3.5	≤ 8	100	56
GN.22831	GN 4490-ZD-80-A2-AG-SW	80	40	27	14	16.5	13	11	5.5	13	65	25	6	4	≤ 10	150	80
GN.22805	GN 4490-ZD-38-A2-AG-SR	38	21	15	7.5	8	7	4.3	3.5	7.5	30	12	4	2.5	≤ 4.5	35	12
GN.22813	GN 4490-ZD-50-A2-AG-SR	50	30	20	10.5	12	10	6.5	4.5	9.5	40	17	5	3.5	≤ 6	70	31
GN.22821	GN 4490-ZD-68-A2-AG-SR	68	32.5	23	12	14.5	11	9.5	4.5	11	55	20	5	3.5	≤ 8	100	56
GN.22829	GN 4490-ZD-80-A2-AG-SR	80	40	27	14	16.5	13	11	5.5	13	65	25	6	4	≤ 10	150	80

GN 4490-NI-A1

Code	Description	l1	l2	a1	a2	b1	b2	b3	d	h	m1	m2	s1	s2	n	FH* [N]	
GN.22784	GN 4490-NI-38-A1-AG-GS	38	21	15	7.5	8	7	4.3	3.5	7.5	30	12	4	2.5	≤ 4.5	25	15
GN.22786	GN 4490-NI-50-A1-AG-GS	50	30	20	10.5	12	10	6.5	4.5	9.5	40	17	5	3.5	≤ 6	40	36
GN.22788	GN 4490-NI-68-A1-AG-GS	68	32.5	23	12	14.5	11	9.5	4.5	11	55	20	5	3.5	≤ 8	75	64
GN.22790	GN 4490-NI-80-A1-AG-GS	80	40	27	14	16.5	13	11	5.5	13	65	25	6	4	≤ 10	125	100

INOX STAINLESS STEEL METRIC

GN 4490-NI-A2

Code	Description	l1	l2	a1	a2	b1	b2	b3	d	h	m1	m2	s1	s2	n	FH* [N]	
GN.22785	GN 4490-NI-38-A2-AG-GS	38	21	15	7.5	8	7	4.3	3.5	7.5	30	12	4	2.5	≤ 4.5	35	15
GN.22787	GN 4490-NI-50-A2-AG-GS	50	30	20	10.5	12	10	6.5	4.5	9.5	40	17	5	3.5	≤ 6	70	36
GN.22789	GN 4490-NI-68-A2-AG-GS	68	32.5	23	12	14.5	11	9.5	4.5	11	55	20	5	3.5	≤ 8	100	64
GN.22791	GN 4490-NI-80-A2-AG-GS	80	40	27	14	16.5	13	11	5.5	13	65	25	6	4	≤ 10	150	100

INOX STAINLESS STEEL METRIC

*Holding force