



SS Stainless Steel

4 Type

- B** With plain washer
- E** With eyelet washer
- L** With mounting shackle washer (only identification no. 1)

5 Identification no.

- 1** Without cross hole
- 2** With cross hole for GN 1024 spring cotter pin

Specification



- Assembly pin
Stainless steel AISI 304

NI

- Washer
Stainless steel
 - Type B: AISI 304
Turned
 - Type E: AISI 316LHC
Metal injection molded
 - Type L: AISI 316LHC
Sintered

- Countersunk screw
Stainless steel AISI 304
 - Not removable
 - Loctited

- [ISO Fundamental Tolerances](#) → page 2129
- [Load Rating Information](#) → page XYZ
- [Stainless Steel Characteristics](#) → page 2143
- [RoHS compliant](#)

Accessory

- Spring cotter pins GN 1024 → page 1242
- Ball chains GN 111 / GN 111.5 → page 1236
- Retaining cables GN 111.2 → page 1238
- Key rings GN 111.3 → page 1240

Information

GN 2342 assembly pins are characterized by their use in diverse applications. Depending on the requirement there are three washer types to choose from, which place the assembly pin in an axial position in its inserted direction.

With the eyelet washer (type E), the assembly pin and a corresponding GN 1024 spring cotter pin can be secured to prevent loss using a retaining cable or a ball chain. The mounting shackle washer (type L) simultaneously acts as loss and anti-rotation protection.

Assembly pins according to identification no. 2 are secured against falling out via a transverse cross hole which is aligned to the GN 1024 spring cotter pin.

The technical section contains the load ratings for the double shear strength (breaking strength).

see also...

- [List of Lock Pin Types](#) → page 1058
- [Retaining Washers GN 2344 \(Stainless Steel\)](#) → page 1078

How to order	
1	Material
2	Diameter d_1
3	Length l_1
4	Type
5	Identification no.

GN 2342-NI-8-16-B-1

Metric table

2 3

Dimensions in: millimeters - inches

d ₁	h ₉	l ₁						d ₂	d ₃	d ₄	d ₅	l ₂	l ₃	l ₄	l ₅	l ₆	l ₇	s ₁	s ₂	Suitable key ring Ø for type E	Suitable spring cotter pins for identification no. 2		
8	0.31	16	20	24	28	30	32	2.5	12	2.5	4.3	5.5	7	13.5	18	10	2	3	4	14	-	-	GN 1024-NI-2-D
		0.63	0.79	0.94	1.10	1.18	1.26	0.10	0.47	0.10	0.17	0.22	0.28	0.53	0.71	0.39	0.08	0.12	0.16	0.55	-	-	GN 1024-NI-2-D
8	0.31	35	40	45	50	55	60	2.5	12	2.5	4.3	5.5	7	13.5	18	10	2	3	4	14	-	-	GN 1024-NI-2-D
		1.38	1.57	1.77	1.97	2.17	2.36	0.10	0.47	0.10	0.17	0.22	0.28	0.53	0.71	0.39	0.08	0.12	0.16	0.55	-	-	GN 1024-NI-2-D
10	0.39	20	24	30	35	40	45	2.5	15	2.5	4.3	6	7	15	21	11	4	3	4	14	-	-	GN 1024-NI-2-E / ...-D
		0.79	0.94	1.18	1.38	1.57	1.77	0.10	0.59	0.10	0.17	0.24	0.28	0.59	0.83	0.43	0.16	0.12	0.16	0.55	-	-	GN 1024-NI-2-E / ...-D
10	0.39	50	55	60	65	70	80	2.5	15	2.5	4.3	6	7	15	21	11	4	3	4	14	-	-	GN 1024-NI-2-E / ...-D
		1.97	2.17	2.36	2.56	2.76	3.15	0.10	0.59	0.10	0.17	0.24	0.28	0.59	0.83	0.43	0.16	0.12	0.16	0.55	-	-	GN 1024-NI-2-E / ...-D
12	0.47	20	24	30	35	40	45	2.5	17	3	5.3	7	9	18.5	23	12	4	4	4.5	14	18	-	GN 1024-NI-2-E / ...-D
		0.79	0.94	1.18	1.38	1.57	1.77	0.10	0.67	0.12	0.21	0.28	0.35	0.73	0.91	0.47	0.16	0.16	0.18	0.55	0.71	-	GN 1024-NI-2-E / ...-D
12	0.47	50	55	60	65	70	80	2.5	17	3	5.3	7	9	18.5	23	12	4	4	4.5	14	18	-	GN 1024-NI-2-E / ...-D
		1.97	2.17	2.36	2.56	2.76	3.15	0.10	0.67	0.12	0.21	0.28	0.35	0.73	0.91	0.47	0.16	0.16	0.18	0.55	0.71	-	GN 1024-NI-2-E / ...-D
16	0.63	32	35	40	45	50	55	3.5	22	3	5.3	8	9	21	28	15	6	4	4.5	14	18	-	GN 1024-NI-3-E / ...-D
		1.26	1.38	1.57	1.77	1.97	2.17	0.14	0.87	0.12	0.21	0.31	0.35	0.83	1.10	0.59	0.24	0.16	0.18	0.55	0.71	-	GN 1024-NI-3-E / ...-D
16	0.63	60	65	70	80	90	100	3.5	22	3	5.3	8	9	21	28	15	6	4	4.5	14	18	-	GN 1024-NI-3-E / ...-D
		2.36	2.56	2.76	3.15	3.54	3.94	0.14	0.87	0.12	0.21	0.31	0.35	0.83	1.10	0.59	0.24	0.16	0.18	0.55	0.71	-	GN 1024-NI-3-E / ...-D
20	0.79	40	45	50	55	60	65	4.5	26	3.5	6.4	10.5	9	24	31	17	6	4	5	14	18	24	GN 1024-NI-4-E / ...-D
		1.57	1.77	1.97	2.17	2.36	2.56	0.18	1.02	0.14	0.25	0.41	0.35	0.94	1.22	0.67	0.24	0.16	0.20	0.55	0.71	0.94	GN 1024-NI-4-E / ...-D
20	0.79	70	80	90	100	-	-	4.5	26	3.5	6.4	10.5	9	24	31	17	6	4	5	14	18	24	GN 1024-NI-4-E / ...-D
		2.76	3.15	3.54	3.94	-	-	0.18	1.02	0.14	0.25	0.41	0.35	0.94	1.22	0.67	0.24	0.16	0.20	0.55	0.71	0.94	GN 1024-NI-4-E / ...-D

Application example

