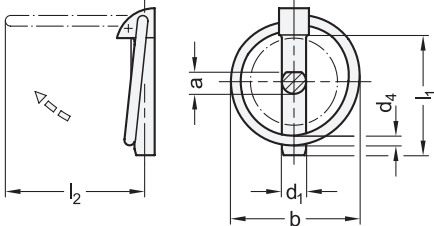
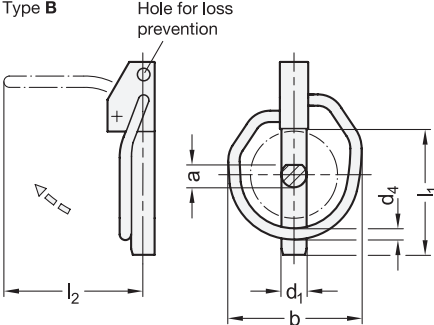


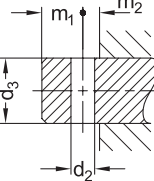
Type A



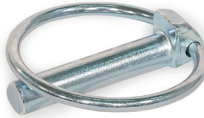
Type B



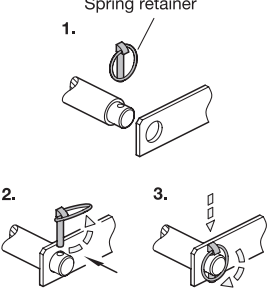
Installation space



Metric



Assembly instruction



4 Type

A Round spring retainer

B Angled spring retainer, with hole for loss prevention

Metric table

2

3

Dimensions in: millimeters / inches

Type A										
d ₁ ≈	l ₁	a ≈	b max.	d ₂ H11	d ₃ Shaft Ø max.	d ₄	l ₂ ≈	m ₁ max.	m ₂ min.	
4.5 0.18	40 1.57	-	47 1.85	5 0.20	26.5 1.04	3.4 0.13	45 1.77	8 0.31	5.75 0.23	
6 0.24	42 1.65	-	48 1.89	6.5 0.26	27 1.06	3.4 0.13	47 1.85	10 0.39	7 0.28	
7 0.28	42 1.65	5.5 0.22	48 1.89	7.5 0.30	27 1.06	3.4 0.13	47 1.85	11 0.43	7.5 0.30	
8 0.31	42 1.65	6.5 0.26	48 1.89	8.5 0.33	27 1.06	3.4 0.13	47 1.85	12 0.47	7.5 0.30	
9 0.35	42 1.65	7.5 0.30	48 1.89	9.5 0.37	27 1.06	3.4 0.13	48 1.89	13 0.51	7.5 0.30	
10 0.39	42 1.65	8 0.31	48 1.89	11 0.43	27 1.06	3.4 0.13	48 1.89	15 0.59	7.5 0.30	
11 0.43	42 1.65	9 0.35	48 1.89	12 0.47	27 1.06	3.4 0.13	49 1.93	18 0.71	7.5 0.30	

2

3

Type B										
d ₁ ≈	l ₁	a ≈	b max.	d ₂ H11	d ₃ Shaft Ø max.	d ₄	l ₂ ≈	m ₁ max.	m ₂ min.	Suitable key ring
5 0.20	32 1.26	-	36 1.42	5 0.20	25 0.98	2.5 0.10	35.5 1.40	8 0.31	5.75 0.23	GN 111.3-18
6 0.24	42 1.65	-	52 2.05	6 0.24	32 1.26	3.6 0.14	45 1.77	10 0.39	7 0.28	GN 111.3-24
8 0.31	42 1.65	-	52 2.05	8 0.31	32 1.26	3.6 0.14	46 1.81	12 0.47	7.5 0.30	GN 111.3-24
10 0.39	45 1.77	8 0.31	52 2.05	10 0.39	32 1.26	3.6 0.14	48 1.89	14 0.55	7.5 0.30	GN 111.3-30
12 0.47	55 2.17	9 0.35	60 2.36	12 0.47	45 1.77	4 0.16	63 2.48	18 0.71	7.5 0.30	GN 111.3-38

Specification		1
Steel	ST	
Galvanic zinc plated		
RoHS		
Accessory		Page
GN 111.3 Key Rings		QVX
GN 111.2 Retaining Cables		QVX
GN 111.4 Spiral Retaining Cables		QVX
GN 111 Ball Chains (Brass)		QVX
GN 111.5 Ball Chains (Stainless Steel)		QVX

Linch pins GN 1023 are used for quick and easy axial securing of bolts and axles in mounting holes. For example, they are suitable for lugs and flanges that must be frequently assembled and disassembled.

Type B has an additional hole in which a key ring or retaining cable can be attached to prevent loss.

Linch pins are simple standard parts that have larger tolerances due to their manufacturing process.

How to order		1	Material
		2	Diameter d ₁
		3	Length l ₁
		4	Type
GN 1023-ST-10-42-A			