



**SS** Stainless Steel

**3 Type**

- E With single loop
- D With double loop

**Metric table**



Dimensions in: millimeters - inches

Type E											
d <sub>1</sub>	d <sub>2</sub> For bolt Ø	d <sub>3</sub> Recommended holding Ø	h	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	Load ≈			
								Mounting	Dismounting	For bolt Ø	
1.5 0.06	7 ... 12 0.28 ... 0.47	2 0.08	9 0.35	45 1.77	25 0.98	20 0.79	25 0.98	9 N 2.02 lbf	8 N 1.80 lbf	8 0.31	
2 0.08	9 ... 14 0.35 ... 0.55	2.5 0.10	13 0.51	57 2.24	32 1.26	25 0.98	34 1.34	14 N 3.15 lbf	9 N 2.02 lbf	12 0.47	
3 0.12	10 ... 16 0.39 ... 0.63	3.5 0.14	23 0.91	72 2.83	42 1.65	30 1.18	44 1.73	55 N 12.36 lbf	40 N 8.99 lbf	16 0.63	
4 0.16	16 ... 20 0.63 ... 0.79	4.5 0.18	27 1.06	74 2.91	44 1.73	30 1.18	48 1.89	210 N 47.21 lbf	170 N 38.22 lbf	20 0.79	
5 0.20	20 ... 28 0.79 ... 1.10	5.5 0.22	32 1.26	102 4.02	57 2.24	45 1.77	61 2.40	280 N 62.95 lbf	210 N 47.21 lbf	25 0.98	
6 0.24	28 ... 40 1.10 ... 1.57	6.5 0.26	42 1.65	126 4.96	73 2.87	53 2.09	77 3.03	240 N 53.95 lbf	150 N 33.72 lbf	30 1.18	



Type D											
d <sub>1</sub>	d <sub>2</sub> For bolt Ø	d <sub>3</sub> Recommended holding Ø	h	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	s	Load ≈		
								Mounting	Dismounting	For bolt Ø	
2 0.08	8 ... 14 0.31 ... 0.55	2.5 0.10	14 0.55	56 2.20	31 1.22	25 0.98	33 1.30	5.5 0.22	10 N 2.25 lbf	9 N 2.02 lbf	12 0.47
3 0.12	14 ... 20 0.55 ... 0.79	3.5 0.14	22 0.87	73 2.87	43 1.69	30 1.18	47 1.85	8 0.31	35 N 7.87 lbf	28 N 6.29 lbf	16 0.63
4 0.16	17 ... 24 0.67 ... 0.94	4.5 0.18	32 1.26	94 3.70	58 2.28	36 1.42	62 2.44	10.5 0.41	50 N 11.24 lbf	35 N 7.87 lbf	20 0.79
5 0.20	18 ... 30 0.71 ... 1.18	5.5 0.22	35 1.38	110 4.33	70 2.76	40 1.57	73 2.87	13.5 0.53	100 N 22.48 lbf	95 N 21.36 lbf	25 0.98
6 0.24	24 ... 36 0.94 ... 1.42	6.5 0.26	41 1.61	142 5.59	85 3.35	57 2.24	90 3.54	16 0.63	190 N 42.71 lbf	125 N 28.10 lbf	30 1.18
7* 0.28	26 ... 40 1.02 ... 1.57	7.5 0.30	42 1.65	152 5.98	92 3.62	60 2.36	96 3.78	19 0.75	350 N 78.68 lbf	210 N 47.21 lbf	40 1.57

\* Only available in steel

**Specification**



- Steel, zinc plated, blue passivated finish **ST**
- Stainless steel AISI 303 **NI**
- *Stainless Steel Characteristics* → page 2143
- RoHS compliant

**Information**

GN 1024 spring cotter pins are used for the axial securing of bolts and axles, and as an anti-twist mechanism, e.g., for DIN 935 castle nuts.

Due to their double loop, spring cotter pins in type D have a flatter spring characteristic and are therefore easier to install. Also, a retaining cable with a key ring can be attached to the double loop to protect the spring cotter pins against loss.

**How to order**

**GN 1024-ST-2-D**

1	Material
2	Diameter d <sub>1</sub>
3	Type