



SS Stainless Steel

3 Type

- E** With single loop
- D** With double loop

Dimensions in: millimeters - inches

Metric table

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

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

* Only available in steel

Specification

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- Steel, zinc plated, blue passivated finish **ST**
- Stainless steel **NI**
European Standard No. 1.4305 (AISI 303)
- 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		1 Material
GN 1024-ST-2-D		2 Diameter d ₁
		3 Type