

GN 214.3 | Lock pins

Stainless steel



- 1
- 2
- 3
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- 8
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- 14
- 15
- 16
- 17
- 18

PIN
AISI 304 stainless steel.

PAWLS
AISI 304 stainless steel.

SPRING AND LIFTING RING
AISI 301 stainless steel.

BUTTON
Polyamide based (PA) technopolymer, red colour, glossy finish.

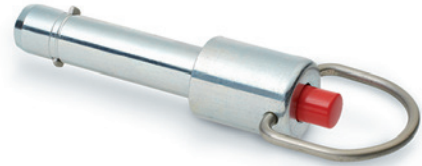
WORKING TEMPERATURE
From -20°C to +80°C.

FEATURES AND APPLICATIONS
GN 214.3 lock pins are generally used for quick fixation of components or parts to be machined, in particular for elements which need to be removed and reset continuously.

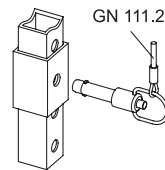
ACCESSORIES ON REQUEST
To optimise the use of these lock pins, have been designed:
- ball chains GN 111 (see page 611);
- retaining cables GN 111.2 (see page 612);
- spiral retaining cables GN 111.4 (see page 613).

SPECIAL EXECUTIONS ON REQUEST
Other dimensions.

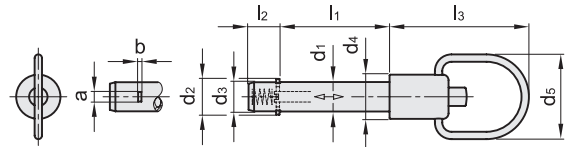
INSTRUCTIONS OF USE
By pressing the push button the two pawls are freed and the pin can be pulled-out or inserted.



Application example



Conversion Table 1 mm = 0.039 inch	
d1	
mm	inch
6	0.24
8	0.31
10	0.39
12	0.47
16	0.63




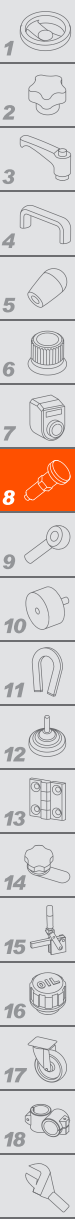
Code	Description	d1-0.04	d2	d3	d4	d5	l1+0.4	l2	l3	a	b	Double sided shearing force [kN]	△
GN.37061	GN 214.3-6-10	6	7.5 +0.5	5.9	12	23	10	7	38	2.3	0.5	17	18
GN.79701	GN 214.3-6-12	6	7.5 +0.5	5.9	12	23	12	7	38	2.3	0.5	17	18
GN.37062	GN 214.3-6-16	6	7.5 +0.5	5.9	12	23	16	7	38	2.3	0.5	17	17
GN.37063	GN 214.3-6-20	6	7.5 +0.5	5.9	12	23	20	7	38	2.3	0.5	17	25
GN.37064	GN 214.3-6-25	6	7.5 +0.5	5.9	12	23	25	7	38	2.3	0.5	17	27
GN.37065	GN 214.3-6-30	6	7.5 +0.5	5.9	12	23	30	7	38	2.3	0.5	17	29
GN.79703	GN 214.3-6-35	6	7.5 +0.5	5.9	12	23	35	7	38	2.3	0.5	17	18
GN.37066	GN 214.3-6-40	6	7.5 +0.5	5.9	12	23	40	7	38	2.3	0.5	17	33
GN.79705	GN 214.3-6-45	6	7.5 +0.5	5.9	12	23	45	7	38	2.3	0.5	17	18
GN.79707	GN 214.3-6-50	6	7.5 +0.5	5.9	12	23	50	7	38	2.3	0.5	17	18
GN.79709	GN 214.3-6-60	6	7.5 +0.5	5.9	12	23	60	7	38	2.3	0.5	17	18
GN.79711	GN 214.3-6-70	6	7.5 +0.5	5.9	12	23	70	7	38	2.3	0.5	17	18
GN.79713	GN 214.3-6-80	6	7.5 +0.5	5.9	12	23	80	7	38	2.3	0.5	17	18
GN.79721	GN 214.3-8-10	8	10 +0.5	7.9	12	23	10	8.4	38	2.8	0.6	35	27
GN.79723	GN 214.3-8-16	8	10 +0.5	7.9	12	23	16	8.4	38	2.8	0.6	35	27
GN.37067	GN 214.3-8-20	8	10 +0.5	7.9	12	23	20	8.4	38	2.8	0.6	35	27
GN.37068	GN 214.3-8-25	8	10 +0.5	7.9	12	23	25	8.4	38	2.8	0.6	35	29
GN.37069	GN 214.3-8-30	8	10 +0.5	7.9	12	23	30	8.4	38	2.8	0.6	35	31
GN.79725	GN 214.3-8-35	8	10 +0.5	7.9	12	23	35	8.4	38	2.8	0.6	35	27
GN.37070	GN 214.3-8-40	8	10 +0.5	7.9	12	23	40	8.4	38	2.8	0.6	35	35
GN.79727	GN 214.3-8-45	8	10 +0.5	7.9	12	23	45	8.4	38	2.8	0.6	35	27
GN.37071	GN 214.3-8-50	8	10 +0.5	7.9	12	23	50	8.4	38	2.8	0.6	35	34
GN.79729	GN 214.3-8-60	8	10 +0.5	7.9	12	23	60	8.4	38	2.8	0.6	35	27
GN.79731	GN 214.3-8-70	8	10 +0.5	7.9	12	23	70	8.4	38	2.8	0.6	35	27
GN.79733	GN 214.3-8-80	8	10 +0.5	7.9	12	23	80	8.4	38	2.8	0.6	35	27
GN.79735	GN 214.3-8-90	8	10 +0.5	7.9	12	23	90	8.4	38	2.8	0.6	35	27
GN.79737	GN 214.3-8-100	8	10 +0.5	7.9	12	23	100	8.4	38	2.8	0.6	35	27

Indexing and positioning elements

Conversion Table	
1 mm = 0.039 inch	
d1	
mm	inch
6	0.24
8	0.31
10	0.39
12	0.47
16	0.63

INOX STAINLESS STEEL METRIC

Code	Description	d1-0.04	d2	d3	d4	d5	l1+0.4	l2	l3	a	b	Double sided shearing force [KN]	
GN.79741	GN 214.3-10-15	10	12 +1	9.9	16	28	15	9.8	42	3.3	1	47	39
GN.37072	GN 214.3-10-20	10	12 +1	9.9	16	28	20	9.8	42	3.3	1	47	39
GN.37073	GN 214.3-10-25	10	12 +1	9.9	16	28	25	9.8	42	3.3	1	47	42
GN.37074	GN 214.3-10-30	10	12 +1	9.9	16	28	30	9.8	42	3.3	1	47	45
GN.79743	GN 214.3-10-35	10	12 +1	9.9	16	28	35	9.8	42	3.3	1	47	39
GN.37075	GN 214.3-10-40	10	12 +1	9.9	16	28	40	9.8	42	3.3	1	47	50
GN.79745	GN 214.3-10-45	10	12 +1	9.9	16	28	45	9.8	42	3.3	1	47	39
GN.37076	GN 214.3-10-50	10	12 +1	9.9	16	28	50	9.8	42	3.3	1	47	54
GN.79747	GN 214.3-10-60	10	12 +1	9.9	16	28	60	9.8	42	3.3	1	47	39
GN.79749	GN 214.3-10-70	10	12 +1	9.9	16	28	70	9.8	42	3.3	1	47	39
GN.79751	GN 214.3-10-80	10	12 +1	9.9	16	28	80	9.8	42	3.3	1	47	39
GN.79753	GN 214.3-10-90	10	12 +1	9.9	16	28	90	9.8	42	3.3	1	47	39
GN.79755	GN 214.3-10-100	10	12 +1	9.9	16	28	100	9.8	42	3.3	1	47	39
GN.79757	GN 214.3-10-110	10	12 +1	9.9	16	28	110	9.8	42	3.3	1	47	39
GN.79759	GN 214.3-10-120	10	12 +1	9.9	16	28	120	9.8	42	3.3	1	47	39
GN.79771	GN 214.3-12-20	12	14 +1	11.9	16	28	20	11.3	42	3.8	1	75	53
GN.37077	GN 214.3-12-25	12	14 +1	11.9	16	28	25	11.3	42	3.8	1	75	53
GN.37078	GN 214.3-12-30	12	14 +1	11.9	16	28	30	11.3	42	3.8	1	75	55
GN.79773	GN 214.3-12-35	12	14 +1	11.9	16	28	35	11.3	42	3.8	1	75	53
GN.37079	GN 214.3-12-40	12	14 +1	11.9	16	28	40	11.3	42	3.8	1	75	64
GN.79775	GN 214.3-12-45	12	14 +1	11.9	16	28	45	11.3	42	3.8	1	75	53
GN.37080	GN 214.3-12-50	12	14 +1	11.9	16	28	50	11.3	42	3.8	1	75	70
GN.37081	GN 214.3-12-60	12	14 +1	11.9	16	28	60	11.3	42	3.8	1	75	77
GN.79777	GN 214.3-12-70	12	14 +1	11.9	16	28	70	11.3	42	3.8	1	75	53
GN.79779	GN 214.3-12-80	12	14 +1	11.9	16	28	80	11.3	42	3.8	1	75	53
GN.79781	GN 214.3-12-90	12	14 +1	11.9	16	28	90	11.3	42	3.8	1	75	53
GN.79783	GN 214.3-12-100	12	14 +1	11.9	16	28	100	11.3	42	3.8	1	75	53
GN.79785	GN 214.3-12-110	12	14 +1	11.9	16	28	110	11.3	42	3.8	1	75	53
GN.79787	GN 214.3-12-120	12	14 +1	11.9	16	28	120	11.3	42	3.8	1	75	53
GN.37082	GN 214.3-16-30	16	19 +1	15.9	20	32	30	14.2	46.5	4.8	1.2	138	102
GN.37083	GN 214.3-16-35	16	19 +1	15.9	20	32	35	14.2	46.5	4.8	1.2	138	109
GN.37084	GN 214.3-16-40	16	19 +1	15.9	20	32	40	14.2	46.5	4.8	1.2	138	116
GN.79801	GN 214.3-16-45	16	19 +1	15.9	20	32	45	14.2	46.5	4.8	1.2	138	116
GN.37085	GN 214.3-16-50	16	19 +1	15.9	20	32	50	14.2	46.5	4.8	1.2	138	129
GN.37086	GN 214.3-16-60	16	19 +1	15.9	20	32	60	14.2	46.5	4.8	1.2	138	143
GN.37087	GN 214.3-16-70	16	19 +1	15.9	20	32	70	14.2	46.5	4.8	1.2	138	155
GN.79803	GN 214.3-16-80	16	19 +1	15.9	20	32	80	14.2	46.5	4.8	1.2	138	116
GN.79805	GN 214.3-16-90	16	19 +1	15.9	20	32	90	14.2	46.5	4.8	1.2	138	116
GN.79807	GN 214.3-16-100	16	19 +1	15.9	20	32	100	14.2	46.5	4.8	1.2	138	116
GN.79809	GN 214.3-16-110	16	19 +1	15.9	20	32	110	14.2	46.5	4.8	1.2	138	116
GN.79811	GN 214.3-16-120	16	19 +1	15.9	20	32	120	14.2	46.5	4.8	1.2	138	116
GN.79813	GN 214.3-16-130	16	19 +1	15.9	20	32	130	14.2	46.5	4.8	1.2	138	116
GN.79815	GN 214.3-16-140	16	19 +1	15.9	20	32	140	14.2	46.5	4.8	1.2	138	116
GN.79817	GN 214.3-16-150	16	19 +1	15.9	20	32	150	14.2	46.5	4.8	1.2	138	116



Indexing and positioning elements