

# GN 214.3 | Lock pins

Stainless steel



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**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.

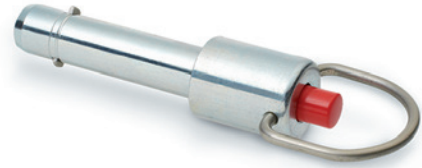
**WORKING TEMPERATURE**  
From -20°C to +80°C.

**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.

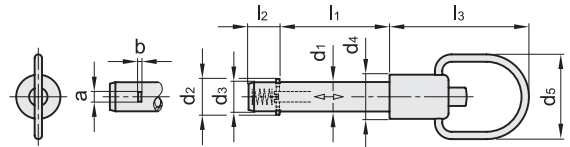
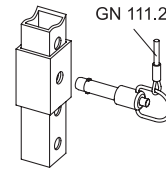
**ACCESSORIES ON REQUEST**  
To optimise the use of these lock pins, have been designed:  
- ball chains GN 111 (see page 611);  
- retaining cables GN 111.2 (see page 612);  
- spiral retaining cables GN 111.4 (see page 613).

**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



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

INOX STAINLESS STEEL

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

