

PIN
AlSi 303 stainless steel.

PAWLS
AlSi 304 stainless steel.

SPRING
AlSi 301 stainless steel.

KNOB AND PUSH BUTTON
AlSi 303 stainless steel.

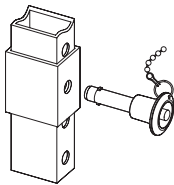
FEATURES AND APPLICATIONS
GN 114.6 stainless steel lock pins are generally used for quick mounting between components or parts to be machined, in particular for elements which need to be removed and reset continuously.

ACCESSORIES
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).

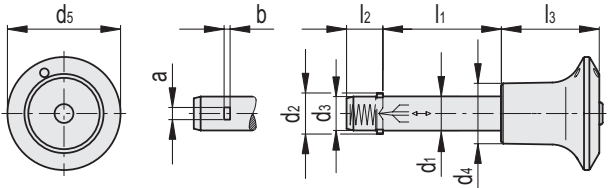
INSTRUCTIONS OF USE
By pressing the push button the two pawls are freed and the pin can be pulled-out or inserted.



Application example

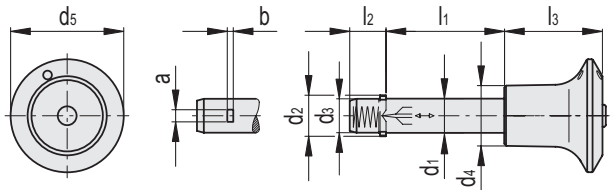


Conversion Table	
1 mm = 0.039 inch	
d1	
mm	inch
6	0.24
8	0.31
10	0.39
12	0.47
16	0.63



Code	Description	d1 -0.1	d2	d3	d4	d5	l1 +0.4	l2	l3	a	b	Double sided shearing	
												force [KN]	
GN.38871	GN 114.6-6-16	6	7.5 +0.5	5.9	12	25	16	7	20	2.3	0.5	17	33
GN.38873	GN 114.6-6-20	6	7.5 +0.5	5.9	12	25	20	7	20	2.3	0.5	17	34
GN.38875	GN 114.6-6-25	6	7.5 +0.5	5.9	12	25	25	7	20	2.3	0.5	17	35
GN.38877	GN 114.6-6-30	6	7.5 +0.5	5.9	12	25	30	7	20	2.3	0.5	17	36
GN.78401	GN 114.6-6-35	6	7.5 +0.5	5.9	12	25	35	7	20	2.3	0.5	17	37
GN.38879	GN 114.6-6-40	6	7.5 +0.5	5.9	12	25	40	7	20	2.3	0.5	17	38
GN.78402	GN 114.6-6-45	6	7.5 +0.5	5.9	12	25	45	7	20	2.3	0.5	17	40
GN.78403	GN 114.6-6-50	6	7.5 +0.5	5.9	12	25	50	7	20	2.3	0.5	17	40
GN.78404	GN 114.6-6-60	6	7.5 +0.5	5.9	12	25	60	7	20	2.3	0.5	17	46
GN.78405	GN 114.6-6-70	6	7.5 +0.5	5.9	12	25	70	7	20	2.3	0.5	17	50
GN.78406	GN 114.6-6-80	6	7.5 +0.5	5.9	12	25	80	7	20	2.3	0.5	17	53
GN.78411	GN 114.6-8-16	8	10 +0.5	7.9	15	30	16	8.4	21	2.8	0.6	35	53
GN.38881	GN 114.6-8-20	8	10 +0.5	7.9	15	30	20	8.4	21	2.8	0.6	35	55
GN.38883	GN 114.6-8-25	8	10 +0.5	7.9	15	30	25	8.4	21	2.8	0.6	35	57
GN.38885	GN 114.6-8-30	8	10 +0.5	7.9	15	30	30	8.4	21	2.8	0.6	35	59
GN.78412	GN 114.6-8-35	8	10 +0.5	7.9	15	30	35	8.4	21	2.8	0.6	35	61
GN.38887	GN 114.6-8-40	8	10 +0.5	7.9	15	30	40	8.4	21	2.8	0.6	35	62
GN.78413	GN 114.6-8-45	8	10 +0.5	7.9	15	30	45	8.4	21	2.8	0.6	35	65
GN.38889	GN 114.6-8-50	8	10 +0.5	7.9	15	30	50	8.4	21	2.8	0.6	35	66
GN.78414	GN 114.6-8-60	8	10 +0.5	7.9	15	30	60	8.4	21	2.8	0.6	35	72
GN.78415	GN 114.6-8-70	8	10 +0.5	7.9	15	30	70	8.4	21	2.8	0.6	35	75
GN.78416	GN 114.6-8-80	8	10 +0.5	7.9	15	30	80	8.4	21	2.8	0.6	35	79
GN.78417	GN 114.6-8-90	8	10 +0.5	7.9	15	30	90	8.4	21	2.8	0.6	35	84
GN.78418	GN 114.6-8-100	8	10 +0.5	7.9	15	30	100	8.4	21	2.8	0.6	35	85

Lock pins

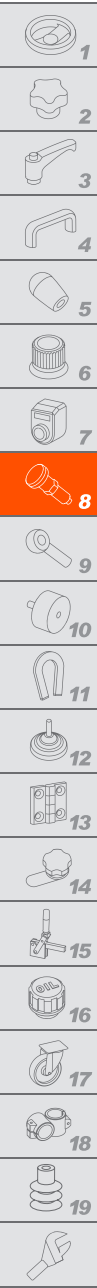


INOX STAINLESS STEEL METRIC

Code	Description	Double sided shearing										force [KN]	⚖
		d1 -0.1	d2	d3	d4	d5	l1 +0.4	l2	l3	a	b		
GN.38893	GN 114.6-20-60	10	12 +1	9.9	18	34	25	9.8	26	3.3	1	47	90
GN.38895	GN 114.6-20-70	10	12 +1	9.9	18	34	30	9.8	26	3.3	1	47	93
GN.78422	GN 114.6-10-35	10	12 +1	9.9	18	34	35	9.8	26	3.3	1	47	94
GN.38897	GN 114.6-20-80	10	12 +1	9.9	18	34	40	9.8	26	3.3	1	47	99
GN.78423	GN 114.6-10-45	10	12 +1	9.9	18	34	45	9.8	26	3.3	1	47	103
GN.38899	GN 114.6-6-16	10	12 +1	9.9	18	34	50	9.8	26	3.3	1	47	106
GN.78424	GN 114.6-10-60	10	12 +1	9.9	18	34	60	9.8	26	3.3	1	47	111
GN.78425	GN 114.6-10-70	10	12 +1	9.9	18	34	70	9.8	26	3.3	1	47	116
GN.78426	GN 114.6-10-80	10	12 +1	9.9	18	34	80	9.8	26	3.3	1	47	122
GN.78427	GN 114.6-10-90	10	12 +1	9.9	18	34	90	9.8	26	3.3	1	47	128
GN.78428	GN 114.6-10-100	10	12 +1	9.9	18	34	100	9.8	26	3.3	1	47	134
GN.78429	GN 114.6-10-110	10	12 +1	9.9	18	34	110	9.8	26	3.3	1	47	140
GN.78430	GN 114.6-10-120	10	12 +1	9.9	18	34	120	9.8	26	3.3	1	47	146
GN.78441	GN 114.6-12-20	12	14 +1	11.9	18	34	20	11.3	26	3.8	1	75	95
GN.38901	GN 114.6-12-25	12	14 +1	11.9	18	34	25	11.3	26	3.8	1	75	100
GN.38903	GN 114.6-12-30	12	14 +1	11.9	18	34	30	11.3	26	3.8	1	75	104
GN.78442	GN 114.6-12-35	12	14 +1	11.9	18	34	35	11.3	26	3.8	1	75	109
GN.38905	GN 114.6-12-40	12	14 +1	11.9	18	34	40	11.3	26	3.8	1	75	113
GN.78443	GN 114.6-12-45	12	14 +1	11.9	18	34	45	11.3	26	3.8	1	75	118
GN.38907	GN 114.6-12-50	12	14 +1	11.9	18	34	50	11.3	26	3.8	1	75	122
GN.38909	GN 114.6-12-60	12	14 +1	11.9	18	34	60	11.3	26	3.8	1	75	120
GN.78444	GN 114.6-12-70	12	14 +1	11.9	18	34	70	11.3	26	3.8	1	75	139
GN.78445	GN 114.6-12-80	12	14 +1	11.9	18	34	80	11.3	26	3.8	1	75	150
GN.78446	GN 114.6-12-90	12	14 +1	11.9	18	34	90	11.3	26	3.8	1	75	155
GN.78447	GN 114.6-12-100	12	14 +1	11.9	18	34	100	11.3	26	3.8	1	75	165
GN.78448	GN 114.6-12-110	12	14 +1	11.9	18	34	110	11.3	26	3.8	1	75	173
GN.78449	GN 114.6-12-120	12	14 +1	11.9	18	34	120	11.3	26	3.8	1	75	181
GN.38911	GN 114.6-16-30	16	19 +1	15.9	22	40	30	14.2	32	4.8	1.2	138	181
GN.38913	GN 114.6-16-35	16	19 +1	15.9	22	40	35	14.2	32	4.8	1.2	138	189
GN.38915	GN 114.6-16-40	16	19 +1	15.9	22	40	40	14.2	32	4.8	1.2	138	196
GN.78451	GN 114.6-16-45	16	19 +1	15.9	22	40	45	14.2	32	4.8	1.2	138	204
GN.38917	GN 114.6-16-50	16	19 +1	15.9	22	40	50	14.2	32	4.8	1.2	138	212
GN.38919	GN 114.6-16-60	16	19 +1	15.9	22	40	60	14.2	32	4.8	1.2	138	226
GN.78452	GN 114.6-16-70	16	19 +1	15.9	22	40	70	14.2	32	4.8	1.2	138	243
GN.38921	GN 114.6-16-80	16	19 +1	15.9	22	40	80	14.2	32	4.8	1.2	138	258
GN.78453	GN 114.6-16-90	16	19 +1	15.9	22	40	90	14.2	32	4.8	1.2	138	273
GN.78454	GN 114.6-16-100	16	19 +1	15.9	22	40	100	14.2	32	4.8	1.2	138	288
GN.78455	GN 114.6-16-110	16	19 +1	15.9	22	40	110	14.2	32	4.8	1.2	138	304
GN.78456	GN 114.6-16-120	16	19 +1	15.9	22	40	120	14.2	32	4.8	1.2	138	319
GN.78457	GN 114.6-16-130	16	19 +1	15.9	22	40	130	14.2	32	4.8	1.2	138	334
GN.78458	GN 114.6-16-140	16	19 +1	15.9	22	40	140	14.2	32	4.8	1.2	138	350
GN.78459	GN 114.6-16-150	16	19 +1	15.9	22	40	150	14.2	32	4.8	1.2	138	366

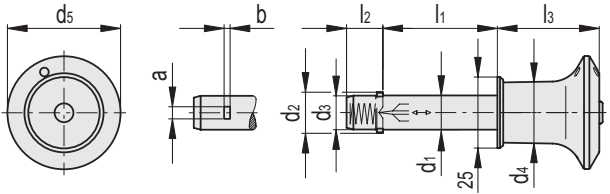


Indexing and positioning elements



Indexing and positioning elements

Conversion Table			
1 mm = 0.039 inch			
d1			
mm	inch	mm	inch
6	0.24	12	0.47
8	0.31	16	0.63
10	0.39	20	0.78



INOX STAINLESS STEEL METRIC

Code	Description											Double sided shearing	
		d1 -0.1	d2	d3	d4	d5	l1 +0.4	l2	l3	a	b	force [KN]	
GN.38931	GN 114.6-20-30	20	23 +1	19.8	25	40	30	14.8	33	4.8	1.2	228	220
GN.38932	GN 114.6-20-35	20	23 +1	19.8	25	40	35	14.8	33	4.8	1.2	228	229
GN.38933	GN 114.6-20-40	20	23 +1	19.8	25	40	40	14.8	33	4.8	1.2	228	241
GN.78461	GN 114.6-20-45	20	23 +1	19.8	25	40	45	14.8	33	4.8	1.2	228	257
GN.38934	GN 114.6-20-50	20	23 +1	19.8	25	40	50	14.8	33	4.8	1.2	228	266
GN.38935	GN 114.6-20-60	20	23 +1	19.8	25	40	60	14.8	33	4.8	1.2	228	294
GN.38936	GN 114.6-20-70	20	23 +1	19.8	25	40	70	14.8	33	4.8	1.2	228	314
GN.38937	GN 114.6-20-80	20	23 +1	19.8	25	40	80	14.8	33	4.8	1.2	228	330
GN.78462	GN 114.6-20-90	20	23 +1	19.8	25	40	90	14.8	33	4.8	1.2	228	361
GN.78463	GN 114.6-20-100	20	23 +1	19.8	25	40	100	14.8	33	4.8	1.2	228	383
GN.78464	GN 114.6-20-110	20	23 +1	19.8	25	40	110	14.8	33	4.8	1.2	228	406
GN.78465	GN 114.6-20-120	20	23 +1	19.8	25	40	120	14.8	33	4.8	1.2	228	428
GN.78466	GN 114.6-20-130	20	23 +1	19.8	25	40	130	14.8	33	4.8	1.2	228	450
GN.78467	GN 114.6-20-140	20	23 +1	19.8	25	40	140	14.8	33	4.8	1.2	228	472
GN.78468	GN 114.6-20-150	20	23 +1	19.8	25	40	150	14.8	33	4.8	1.2	228	494