METRIC INOX STAINLESS STEEL RoHS

PIN
AISI 303 stainless steel.

BALLS
AISI 420C stainless steel.

SPRING
AISI 631 stainless steel.

THREE-LOBE HANDLE
Glass-fibre reinforced polyamide based (PA) technopolymer, black colour, provided with hole for security ring.

BUTTON
Polyamide based (PA) technopolymer, red colour.

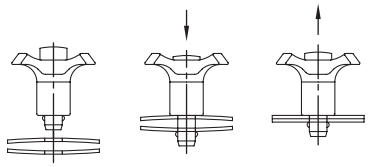
WORKING TEMPERATURE
From -30°C to +80°C.

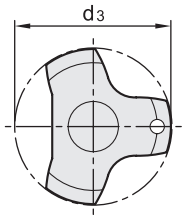
FEATURES AND APPLICATIONS
GN 113.1 ball lock pins are generally used for quick fixation of components or parts to be machined, in particular for elements which need to be removed and reset continuously.
A typical application is the alignment and locking of the sheet during a welding process.

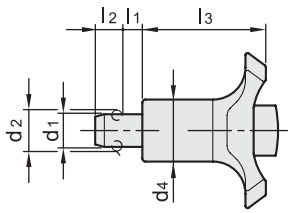
ACCESSORIES ON REQUEST
To optimise the use of these lock pins, have been designed:
- ball chains GN 111 (see page 611);
- retaining cables GN 111.2 (see page 612);
- spiral retaining cables GN 111.4 (see page 613).

INSTRUCTIONS OF USE
By pressing the push button the two balls are freed by exerting a radial retaining action which allows the pin to be engaged or disengaged.

Application example







Conversion Table
1 mm = 0.039 inch

d1	
mm	inch
6	0.24
8	0.31
10	0.39
12	0.47

INOX STAINLESS STEEL METRIC

Code	Description	d1 -0.04 -0.08	d2	d3	d4	l1 min	l1 max	l2	l3	Mounting hole H11	Axial holding force [N]	⚖
GN.37941	GN 113.1-6-0	6	7	38	17.5	0	5	5	30	6	16	16
GN.37942	GN 113.1-6-5	6	7	38	17.5	5	10	5	30	6	18	23
GN.37943	GN 113.1-8-0	8	9.5	38	17.5	0	5	6.5	30	8	16	19
GN.37944	GN 113.1-8-5	8	9.5	38	17.5	5	10	6.5	30	8	18	20
GN.37945	GN 113.1-10-0	10	12	47	23	0	5	8.7	36	10	21	38
GN.37946	GN 113.1-10-5	10	12	47	23	5	10	8.7	36	10	23	39
GN.37947	GN 113.1-12-0	12	14	47	23	0	5	9.4	36	12	21	42
GN.37948	GN 113.1-12-5	12	14	47	23	5	10	9.4	36	12	23	44