

**PIN**

AISI 303 stainless steel

**PAWLS**

AISI 304 stainless steel

**SPRING**

AISI 301 stainless steel.

**KNOB**

Glass-fibre reinforced polyamide based (PA) technopolymer, black colour, provided with holes for security ring.

**PUSH BUTTON**

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

**WORKING TEMPERATURE**

From -20°C to +80°C.

**FEATURES AND APPLICATIONS**

GN 114.3 stainless steel lock pins are generally used for quick fixation or connection of 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 934);
- retaining cables GN 111.2 (see page 935);
- spiral retaining cables GN 111.4 (see page 936).

**SPECIAL EXECUTIONS ON REQUEST**

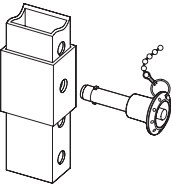
Other dimensions.

**INSTRUCTIONS OF USE**

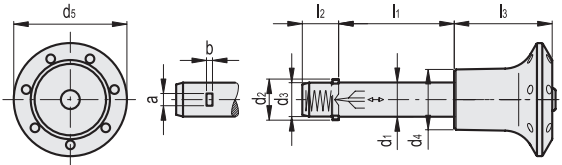
By pressing the push button the two pawls are freed and the pin can be pulled-out or inserted.



Application example



| Conversion Table<br>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 | 16 | 0.79 |



| Code     | Description    | d1-0.1 | d2       | d3   | d4 | d5 | l1+0.4 | l2   | l3 | a   | b   | Double sided shearing force |  | ⚖️  |
|----------|----------------|--------|----------|------|----|----|--------|------|----|-----|-----|-----------------------------|--|-----|
|          |                |        |          |      |    |    |        |      |    |     |     | [KN]                        |  |     |
| GN.38795 | GN 114.3-6-10  | 6      | 7.5 +0.5 | 5.9  | 15 | 30 | 10     | 7    | 21 | 2.3 | 0.5 | 17                          |  | 10  |
| GN.38796 | GN 114.3-6-16  | 6      | 7.5 +0.5 | 5.9  | 15 | 30 | 16     | 7    | 21 | 2.3 | 0.5 | 17                          |  | 12  |
| GN.38797 | GN 114.3-6-20  | 6      | 7.5 +0.5 | 5.9  | 15 | 30 | 20     | 7    | 21 | 2.3 | 0.5 | 17                          |  | 13  |
| GN.38798 | GN 114.3-6-25  | 6      | 7.5 +0.5 | 5.9  | 15 | 30 | 25     | 7    | 21 | 2.3 | 0.5 | 17                          |  | 15  |
| GN.38799 | GN 114.3-6-30  | 6      | 7.5 +0.5 | 5.9  | 15 | 30 | 30     | 7    | 21 | 2.3 | 0.5 | 17                          |  | 15  |
| GN.38800 | GN 114.3-6-40  | 6      | 7.5 +0.5 | 5.9  | 15 | 30 | 40     | 7    | 21 | 2.3 | 0.5 | 17                          |  | 16  |
| GN.38751 | GN 114.3-8-20  | 8      | 10 +0.5  | 7.9  | 15 | 30 | 20     | 8.4  | 21 | 2.8 | 1   | 35                          |  | 18  |
| GN.38753 | GN 114.3-8-25  | 8      | 10 +0.5  | 7.9  | 15 | 30 | 25     | 8.4  | 21 | 2.8 | 1   | 35                          |  | 19  |
| GN.38755 | GN 114.3-8-30  | 8      | 10 +0.5  | 7.9  | 15 | 30 | 30     | 8.4  | 21 | 2.8 | 1   | 35                          |  | 22  |
| GN.38757 | GN 114.3-8-40  | 8      | 10 +0.5  | 7.9  | 15 | 30 | 40     | 8.4  | 21 | 2.8 | 1   | 35                          |  | 24  |
| GN.38759 | GN 114.3-8-50  | 8      | 10 +0.5  | 7.9  | 15 | 30 | 50     | 8.4  | 21 | 2.8 | 1   | 35                          |  | 28  |
| GN.38761 | GN 114.3-10-20 | 10     | 12 +1    | 9.9  | 18 | 34 | 20     | 9.8  | 26 | 3.3 | 1   | 47                          |  | 27  |
| GN.38763 | GN 114.3-10-25 | 10     | 12 +1    | 9.9  | 18 | 34 | 25     | 9.8  | 26 | 3.3 | 1   | 47                          |  | 40  |
| GN.38765 | GN 114.3-10-30 | 10     | 12 +1    | 9.9  | 18 | 34 | 30     | 9.8  | 26 | 3.3 | 1   | 47                          |  | 31  |
| GN.38767 | GN 114.3-10-40 | 10     | 12 +1    | 9.9  | 18 | 34 | 40     | 9.8  | 26 | 3.3 | 1   | 47                          |  | 37  |
| GN.38769 | GN 114.3-10-50 | 10     | 12 +1    | 9.9  | 18 | 34 | 50     | 9.8  | 26 | 3.3 | 1   | 47                          |  | 42  |
| GN.38771 | GN 114.3-12-25 | 12     | 14 +1    | 11.9 | 18 | 34 | 25     | 11.3 | 26 | 3.8 | 1   | 75                          |  | 38  |
| GN.38773 | GN 114.3-12-30 | 12     | 14 +1    | 11.9 | 18 | 34 | 30     | 11.3 | 26 | 3.8 | 1   | 75                          |  | 39  |
| GN.38775 | GN 114.3-12-40 | 12     | 14 +1    | 11.9 | 18 | 34 | 40     | 11.3 | 26 | 3.8 | 1   | 75                          |  | 46  |
| GN.38777 | GN 114.3-12-50 | 12     | 14 +1    | 11.9 | 18 | 34 | 50     | 11.3 | 26 | 3.8 | 1   | 75                          |  | 53  |
| GN.38779 | GN 114.3-12-60 | 12     | 14 +1    | 11.9 | 18 | 34 | 60     | 11.3 | 26 | 3.8 | 1   | 75                          |  | 62  |
| GN.38781 | GN 114.3-16-30 | 16     | 19 +1    | 15.9 | 22 | 40 | 30     | 14.2 | 32 | 4.3 | 1.2 | 138                         |  | 80  |
| GN.38782 | GN 114.3-16-35 | 16     | 19 +1    | 15.9 | 22 | 40 | 35     | 14.2 | 32 | 4.3 | 1.2 | 138                         |  | 85  |
| GN.38783 | GN 114.3-16-40 | 16     | 19 +1    | 15.9 | 22 | 40 | 40     | 14.2 | 32 | 4.3 | 1.2 | 138                         |  | 95  |
| GN.38785 | GN 114.3-16-50 | 16     | 19 +1    | 15.9 | 22 | 40 | 50     | 14.2 | 32 | 4.3 | 1.2 | 138                         |  | 110 |
| GN.38787 | GN 114.3-16-60 | 16     | 19 +1    | 15.9 | 22 | 40 | 60     | 14.2 | 32 | 4.3 | 1.2 | 138                         |  | 120 |
| GN.38789 | GN 114.3-16-70 | 16     | 19 +1    | 15.9 | 22 | 40 | 70     | 14.2 | 32 | 4.3 | 1.2 | 138                         |  | 133 |
| GN.38849 | GN 114.3-20-30 | 20     | 23 +1    | 19.8 | 25 | 40 | 30     | 14.8 | 33 | 4.3 | 1.2 | 228                         |  | 120 |
| GN.38850 | GN 114.3-20-35 | 20     | 23 +1    | 19.8 | 25 | 40 | 35     | 14.8 | 33 | 4.3 | 1.2 | 228                         |  | 130 |
| GN.38851 | GN 114.3-20-40 | 20     | 23 +1    | 19.8 | 25 | 40 | 40     | 14.8 | 33 | 4.3 | 1.2 | 228                         |  | 140 |
| GN.38853 | GN 114.3-20-50 | 20     | 23 +1    | 19.8 | 25 | 40 | 50     | 14.8 | 33 | 4.3 | 1.2 | 228                         |  | 160 |
| GN.38855 | GN 114.3-20-60 | 20     | 23 +1    | 19.8 | 25 | 40 | 60     | 14.8 | 33 | 4.3 | 1.2 | 228                         |  | 185 |
| GN.38856 | GN 114.3-20-70 | 20     | 23 +1    | 19.8 | 25 | 40 | 70     | 14.8 | 33 | 4.3 | 1.2 | 228                         |  | 210 |
| GN.38857 | GN 114.3-20-80 | 20     | 23 +1    | 19.8 | 25 | 40 | 80     | 14.8 | 33 | 4.3 | 1.2 | 228                         |  | 230 |