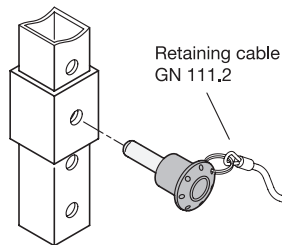


SS Stainless Steel

Application example



Metric table

Dimensions in: millimeters - inches

¹ ² d ₁ -0.03 -0.08	l ₁							d ₂	d ₃	l ₂	l ₃	Location bore	Axial magnet holding force ≈
6 0.24	12 0.47	17 0.67	22 0.87	27 1.06	32 1.26	42 1.65	52 2.05	26 1.02	17.5 0.69	22 0.87	1.3 0.05	6 0.24	65 N 14.61 lbf
8 0.31	17 0.67	22 0.87	27 1.06	32 1.26	42 1.65	52 2.05	62 2.44	26 1.02	17.5 0.69	22 0.87	1.3 0.05	8 0.31	45 N 10.12 lbf
10 0.39	18 0.71	23 0.91	28 1.10	33 1.30	43 1.69	53 2.09	63 2.48	34 1.34	23 0.91	28.5 1.12	2.2 0.09	10 0.39	95 N 21.36 lbf
12 0.47	23 0.91	33 1.30	43 1.69	53 2.09	63 2.48	83 3.27	-	34 1.34	23 0.91	28.5 1.12	2.2 0.09	12 0.47	75 N 16.86 lbf

Specification

- Shank pin
Stainless steel AISI 303
- Knob
Plastic (Polyamide PA)
- Black-gray
- Temperature resistant up to 176 °F (80 °C)
- Retaining magnet
Neodymium, iron, boron
- Load Rating Information → page 2104
- Plastic Characteristics → page 2135
- Stainless Steel Characteristics → page 2143
- RoHS compliant

Information

GN 124.1 quick release pins are used for rapid connecting and securing of components or workpieces made of magnetic materials.

A neodymium magnet is recessed into the underside of the head of the plastic grip and axially retains the pin in its inserted position. High quality surfaces with perpendicular location bores promote magnetic flux to produce excellent axial retention.

The technical section contains the load ratings for the double shear strength (breaking strength).

see also...

- List of Lock Pin Types → page 1058
- Rapid Release Pins GN 214.3 → www.jwwinco.com
- Rapid Release Pins GN 114.3 → page 1071
- Press-Fit Drill Bushings DIN 172 (Cylindrical, with Flange) → page 1172
- Press-Fit Drill Bushings DIN 179 (Cylindrical, without Flange) → page 1172

Accessory

- Ball chains GN 111 / GN 111.5 → page 1236
- Retaining cables GN 111.2 → page 1238
- Spiral retaining cables GN 111.4 → page 1237

How to order GN 124.1-8-22	¹ Pin diameter d ₁
	² Length l ₁

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10

