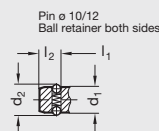
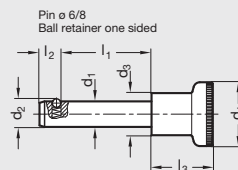
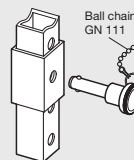


GN 124 | Quick Release Pins

Metric Size • With Stainless Steel Shank



Example of application



ISO 9001 Supplier

RoHS Compliant

Plunger

Stainless steel, European Standard No. 1.4305
(American Standard 303 series)

Knob

Black nylon plastic, matte finish

Ball

Stainless steel, European Standard No. 1.3451

Spring

Stainless steel, European Standard No. 1.4568

GN 124 quick release pins are used for quick fixing, connecting and locking of various jig and fixture systems.

Unlike ball lock pins GN 113, GN 113.2 and GN 113.3, the balls are spring loaded and not rigidly locked, resulting in the relatively low axial holding strength.

Axial load values in the table were obtained from tests at ambient temperature. They represent ~50% of the measured mean shear load.

Split ring GN 111, page 598, with various lengths of chain is available upon request to prevent loss or misplacement of the ball lock pin.

Maximum heat resistance for plastic knob: 80°C (175°F).

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Indexing, Spring and Ball Plungers

Metric Table

Dimensions in: millimeters (*inches*)

Part Number	d ₁ h ₉ tol.	l ₁	d ₂	d ₃	d ₄	l ₂	l ₃	Drilling for pin D ₁₂	Axial holding force [N]	Load [kN] (double sided shear force)
6W10P06	6 (.24)	10	6.5 (.26)	14.5 (.57)	25 (.98)	5 (.20)	22.5 (.89)	6 (.24)	8	22
6W15P06		15								
6W20P06		20								
6W25P06		25								
6W30P06		30								
6W50P06	8 (.31)	50	8.7 (.34)	14.5 (.57)	25 (.98)	6.3 (.25)	22.5 (.89)	8 (.31)	15	40
8W15P06		15								
8W20P06		20								
8W25P06		25								
8W30P06		30								
8W50P06	10 (.39)	50	12 (.47)	18.5 (.73)	31 (1.22)	8.7 (.34)	27 (1.06)	10 (.39)	30	62
10W15P06		15								
10W20P06		20								
10W25P06		25								
10W30P06		30								
10W50P06	12 (.47)	50	14.5 (.57)	18.5 (.73)	31 (1.22)	9.5 (.37)	2.7 (1.06)	12 (.47)	32	90
12W20P06		20								
12W30P06		30								
12W40P06		40								
12W50P06		50								