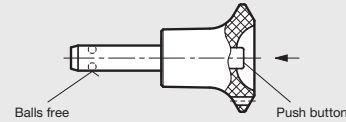
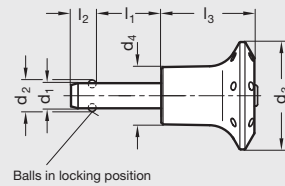
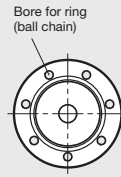


GN 113.5 | Rapid Release Pins

Metric Size • With Stainless Steel Shank



ISO 9001 Supplier

RoHS Compliant

Hand Grip

Nylon plastic

Release Pin Shaft

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

Ball

Stainless steel, European Standard No. 1.3541
(American Standard 304 Series)

Spring

Stainless steel, European Standard No. 1.4568
(American Standard 301 Series)

GN 113.5 rapid release pins are used for rapid connecting and securing of components or work pieces. They are useful for their compactness. A typical application is locating pins which have to be regularly moved in and out of position. By depressing the spring-loaded push button, the two balls are freed, and by releasing the push button the balls are locked. Split ring GN 111, page 598, with various lengths of chain is available to prevent loss or misplacement of the ball lock pin. Maximum heat resistance for plastic handle of 80°C (175°F).

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Indexing, Spring and Ball Plungers

Metric Table

Dimensions in: millimeters (inches)

Part Number	d ₁ -0.04 -0.008	l ₁ ±0.6	d ₂	d ₃	l ₂ ±0.2	Double Sided Shear Force in KN
5W10PAX	5 (.20)	10	5.5 (.22)	30 (1.18)	6 (.24)	14
5W15PAX		15				
5W20PAX		20				
5W25PAX		25				
5W30PAX		30				
6W10PAX	6 (.24)	10	7 (.28)	30 (1.18)	7 (.28)	21
6W15PAX		15				
6W20PAX		20				
6W25PAX		25				
6W30PAX		30				
6W35PAX		35				
6W40PAX		40				
6W45PAX		45				
6W50PAX		50				
8W20PAX		8 (.31)				
8W25PAX	25					
8W30PAX	30					
8W35PAX	35					
8W40PAX	40					
8W45PAX	45					
8W50PAX	50					

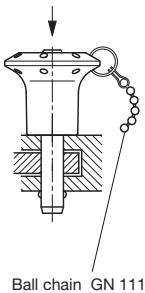
Table continued...



Dimensions in: millimeters (*inches*)

Part Number	d ₁ -0.04 -0.008	l ₁ ±0.6	d ₂	d ₃	l ₂ ±0.2	Double Sided Shear Force in KN
10W20PAX	10 (.39)	20	12 (.47)	35 (1.38)	9.6 (.38)	60
10W25PAX		25				
10W30PAX		30				
10W35PAX		35				
10W40PAX		40				
10W45PAX		45				
10W50PAX		50				
10W60PAX		60				
12W25PAX	12 (.47)	25	14.5 (.57)	42 (1.65)	10.6 (.42)	87
12W30PAX		30				
12W35PAX		35				
12W40PAX		40				
12W45PAX		45				
12W50PAX		50				
12W60PAX		60				
12W70PAX		70				
12W80PAX	80					
16W30PAX	16 (.63)	30	19 (.75)	42 (1.65)	14 (.55)	155
16W35PAX		35				
16W40PAX		40				
16W45PAX		45				
16W50PAX		50				
16W60PAX		60				
16W70PAX		70				
16W80PAX		80				

Assembly Example



Ball chain GN 111