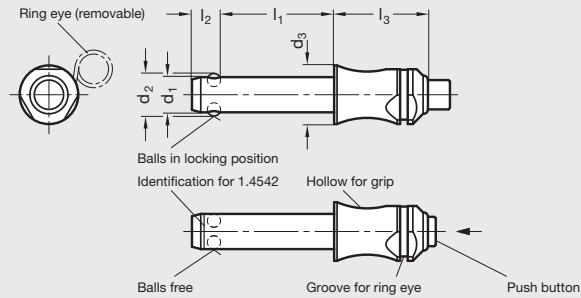


GN 113.4 | Heavy Duty Rapid Release Pins

Metric Size • Stainless Steel



ISO 9001 Supplier

RoHS Compliant

Pin

Stainless steel, European Standard No. 1.4542, precipitation hardened, hard coated

Ball

Stainless steel, European Standard No. 1.3541

Spring

Stainless steel, European Standard No. 1.4568

GN 113.4 heavy duty 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.

GN 113.4 have an extreme load capacity, the pin is made of heavy duty, hardened and highly abrasion-resistant stainless steel.

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

Temperature resistant to 250°C (480°F).

Metric Table

Dimensions in: millimeters (*inches*)

Part Number	d ₁ -0.04 -0.008	l ₁ ±0.6	d ₂	d ₃	l ₂ ±1	l ₃ +0.2	Double Sided Shear Force in KN
5W10P89	5 (.20)	10	5.5 (.22)	10 (.39)	6 (.24)	22 (.87)	24
5W15P89		15					
5W20P89		20					
5W25P89		25					
5W30P89		30					
6W10P89	6 (.24)	10	7 (.28)	10 (.39)	7 (.28)	22 (.87)	35
6W15P89		15					
6W20P89		20					
6W25P89		25					
6W30P89		30					
6W35P89		35					
6W40P89		40					
6W45P89	45						
6W50P89	50						
8W20P89	8 (.31)	20	9.5 (.37)	14 (.55)	8.2 (.32)	27 (1.06)	63
8W25P89		25					
8W30P89		30					
8W35P89		35					
8W40P89		40					
8W45P89		45					
8W50P89		50					

Table continued...

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Indexing, Spring and Ball Plungers

GN 113.4 | Heavy Duty Rapid Release Pins | Metric Size • Stainless Steel

Dimensions in: millimeters (*inches*)

Part Number	d ₁ -0.04 -0.008	l ₁ ±0.6	d ₂	d ₃	l ₂ ±1	l ₃ +0.2	Double Sided Shear Force in KN
10W20P89	10 (.39)	20	12 (.47)	14 (.55)	9.6 (.38)	27 (1.06)	100
10W25P89		25					
10W30P89		30					
10W35P89		35					
10W40P89		40					
10W45P89		45					
10W50P89		50					
10W60P89		60					
12W25P89	12 (.47)	25	14.5 (.57)	20 (.79)	10.6 (.42)	32 (1.26)	144
12W30P89		30					
12W35P89		35					
12W40P89		40					
12W45P89		45					
12W50P89		50					
12W60P89		60					
12W70P89		70					
12W80P89	80						
16W30P89	16 (.63)	30	19 (.75)	20 (.79)	14 (.55)	32 (1.26)	257
16W35P89		35					
16W40P89		40					
16W45P89		45					
16W50P89		50					
16W60P89		60					
16W70P89		70					
16W80P89		80					
20W60P89	20 (.79)	60	25 (.98)	28 (1.10)	20.5 (.81)	39 (1.56)	403
20W80P89		80					
20W100P89		100					
20W120P89		120					

Assembly Example

