

Ball Lock Pins with T-handle• single acting - according to NASM / MS 17985

4211.C09



Product Description

Quick Release Pins according to NASM (former norm: MS) are used for quick fastening, locking, adjusting, changing and securing. Quickly and easily unlockable for frequently repeated connections.

Quick Release Pins (Single Acting Ball Lock Pins / Ball Lock Pins) are produced according to Aviation Norm NASM (former norm: MS) and tested to NAS 1332.

A standard program is available from stock (refer to article table). Delivery time for customer orders and dimensions not mentioned here currently 8 weeks. Please note the minimum order quantity of 20 pieces.

Material

Pin ①

- Stainless steel, precipitation-hardened, passivated

Press bolt ②

- Stainless steel, precipitation-hardened, passivated

Spring ③

- Stainless steel, precipitation-hardened, passivated

Handle ④

- Aluminium, black anodised

Attaching ring ⑤

- Stainless steel, passivated

Ball ⑥

- Stainless steel, precipitation-hardened, passivated

Operation

The balls are unlocked by pressing the knob.

More information

Notes

Special types on request.

All further dimensions are available on request.

Further products

- Ball Lock Pins, self-locking, with T-handle
- Warning Streamers, according to NAS1756

Technical drawing of a pin with dimensions and callouts:

- Dimensions:**
 - L : $+0.020$ / -0.000
 - G : Grip length
 - H : Distance from grip length to the end of the pin.
 - C : Distance from the tip to the start of the grip length.
 - B : Distance from the tip to the start of the grip length.
 - ϕA : Diameter of the tip.
 - $15-30^\circ$: Angle of the tip.
 - ϕE : Diameter of the pin body.
 - ϕD : Diameter of the pin body.
 - $\phi .100$ Min.: Diameter of the pin body.
 - $\phi .050$ Min.: Diameter of the pin body.
- Callouts:**
 - 1: Pin identification number
 - 2: Example:
 - 3: Example:
 - 4: Example:
 - 5: Example:
 - 6: Example:

Diagram illustrating the components of a pin marking system:

- Basic standard number
- Material: "C" – Corrosion resistant steel pin
- Shank diameter in 1/16" (here: 4/16" = 1/4")
- Grip length in 1/10" (here: 12/10" = 1.2")

MS17985C412

EH 40.0130

- Production lot number
- Company identification

Order information

Nominal diameter A	Clamping Length L +0,02 0	Dimensions							Location hole max.	Shearing resistance, double ¹⁾ min.			Art. No.
		B ±0,005	C 0 -0,04	D max.	E max.	F max.	G max.	H min.			min.	max.	
		[inch]	[inch]	[inch]							[inch]	[lb]	
5/16	0,9	0,375	0,33	0,31	0,5	1,815	1,27	0,8	0,3165	14,400	-22	302	4211.C09

