

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

4211.F14



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 and its cross-sections. The side view shows a pin with a conical tip (15-30°), a grip length L (+.020/-0.000), a head with diameter $\varnothing D$, and a base with diameter $\varnothing E$. The head has a width G and a height H . The base has a width C and a height B . The pin is marked with 'xxxx' for identification. The cross-sections show a central hole with diameter $\varnothing .050$ Min. and a slot with width $\varnothing .100$ Min. The cross-sections are numbered 1 through 6.

Pin identification number
Example:

Diagram illustrating the breakdown of a pin part number (MS17985C412) and its manufacturer code (EH 40.0130):

- MS17985C412**
 - MS**: Basic standard number
 - 17985**: Material: "C" – Corrosion resistant steel pin
 - C**: Shank diameter in 1/16" (here: 4/16" = 1/4")
 - 412**: Grip length in 1/10" (here: 12/10" = 1.2")
- EH 40.0130**
 - EH**: Company identification
 - 40.0130**: Production lot number

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.		
1/2	1,4	0,594	0,46	0,565	0,8	2,345	1,6	0,885	0,505	36,900	-22	302	94	4211.F14

