

Ball Lock Pins with Button Handle - single acting - according to NASM / MS 17984

4210.A11

**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**

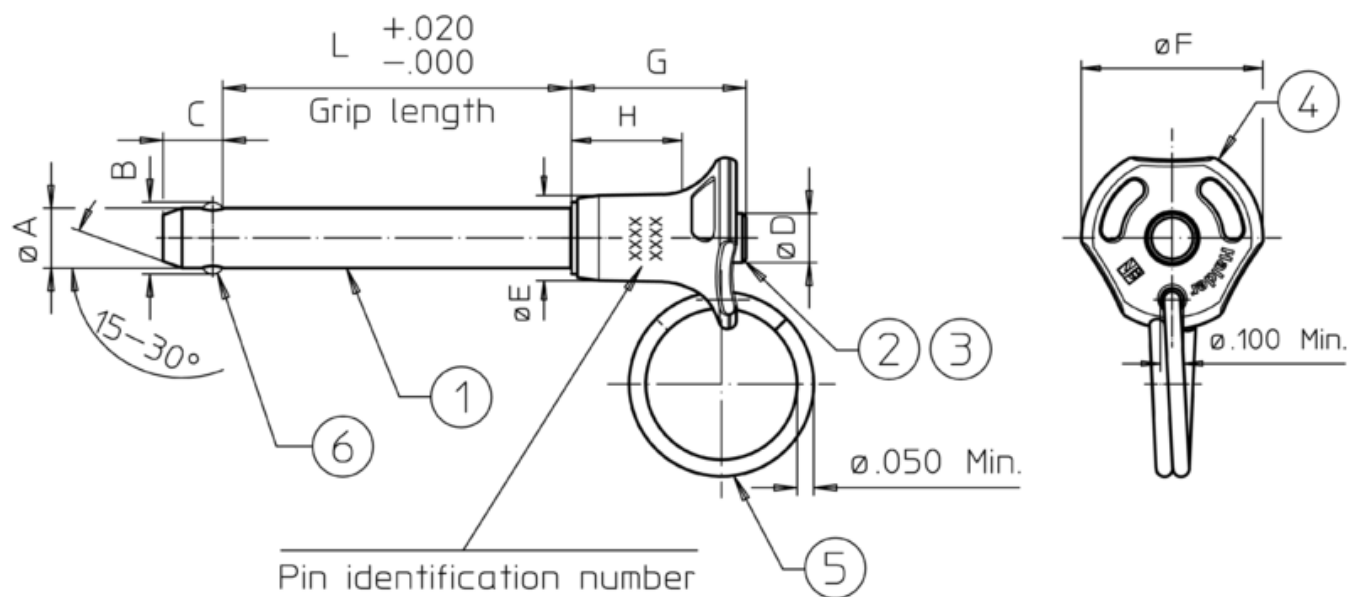
All further dimensions are available on request.

Special types on request.

Further products

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

Drawing



Pin identification number

Example:

MS17984C412
EH 40.0130

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")
Production lot number
Company identification

Ball positions may be different than shown in the drawing (rotation may be possible).

Order information

Nominal diameter A	Clamping Length L $+0.02$ 0	B ± 0.005	C 0 -0.04	Dimensions					Location hole max.	Shearing resistance, double ¹⁾ min.	min. max.		Art. No.
[inch]	[inch]			D max.	E max.	F max.	G max.	H min.	[inch]	[lb]	[°F]	[g]	
3/16	1,1	0,22	0,26	0,31	0,44	0,8	0,83	0,48	0,194	5,150	-22 302	19	4210.A11

¹⁾ Shearing resistance similar to DIN 50141