

Ball Lock Pins with L-handle• single acting - according to NASM / MS 17986

4212.F19



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

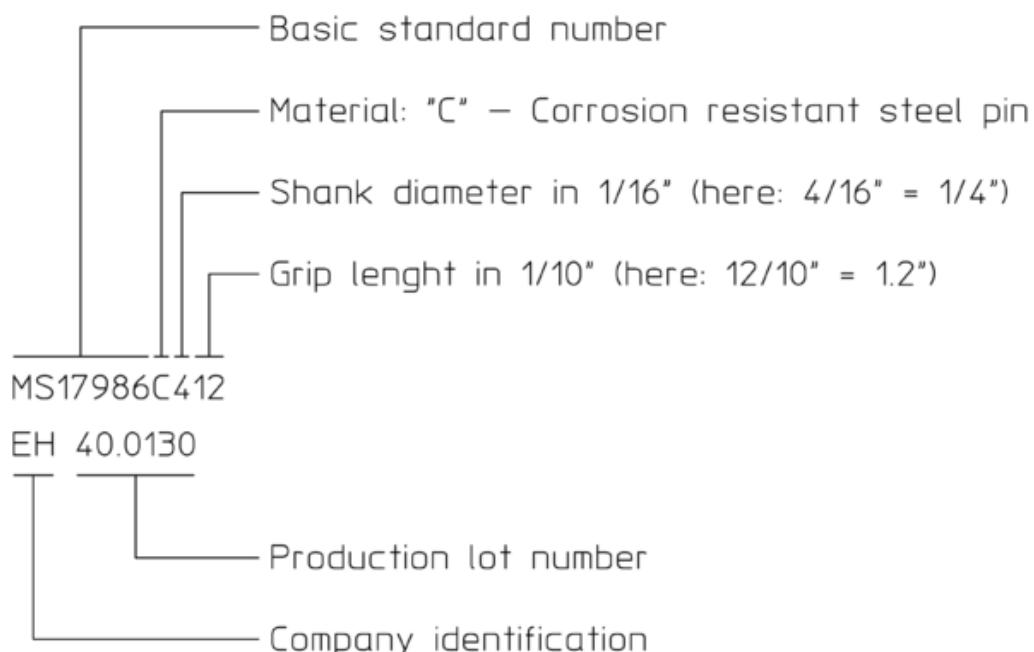
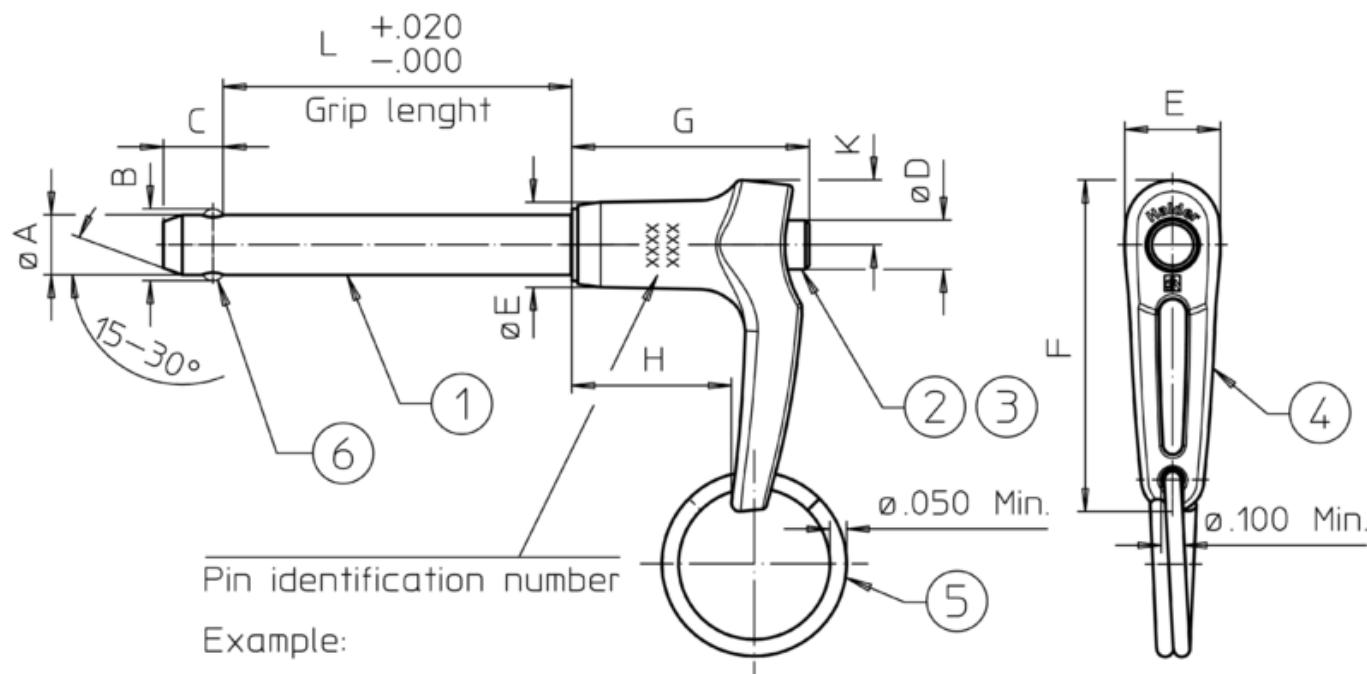
Special types on request.

All further dimensions are available on request.

Further products

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

Drawing



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

Order information

Nominal diameter A [inch]	Clamping Length L [inch]	Dimensions								Location hole max. [inch]	Shearing resistance, double ¹⁾ min. [lb]	min. [°F]	max. [g]	Art. No.	
		B ±0,005 [inch]	C +0,1 -0,04 [inch]	D max. [inch]	E max. [inch]	F max. [inch]	G max. [inch]	H min. [inch]	K max. [inch]						
1/2	1,9	0,594	0,46	0,565	0,8	2,36	1,6	0,85	0,5	0,505	36,900	-22	302	103	4212.F19

¹⁾ Shearing resistance similar to DIN 50141

Application example





