

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

4210.C20



### 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

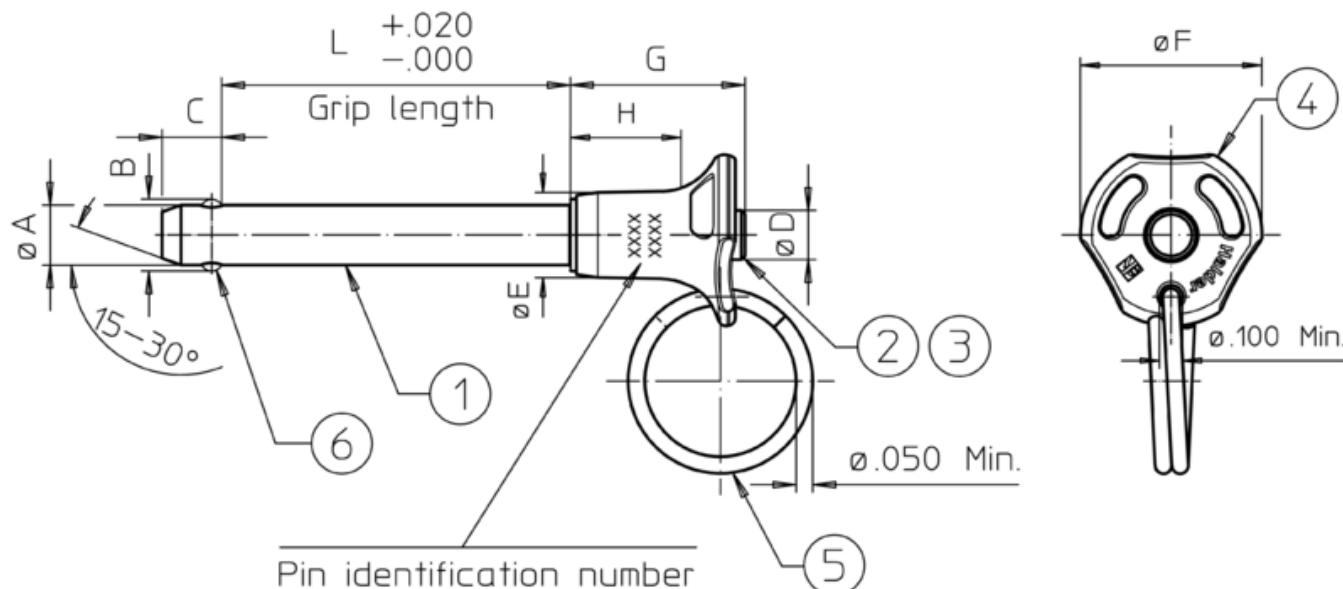
All further dimensions are available on request.

Special types on request.

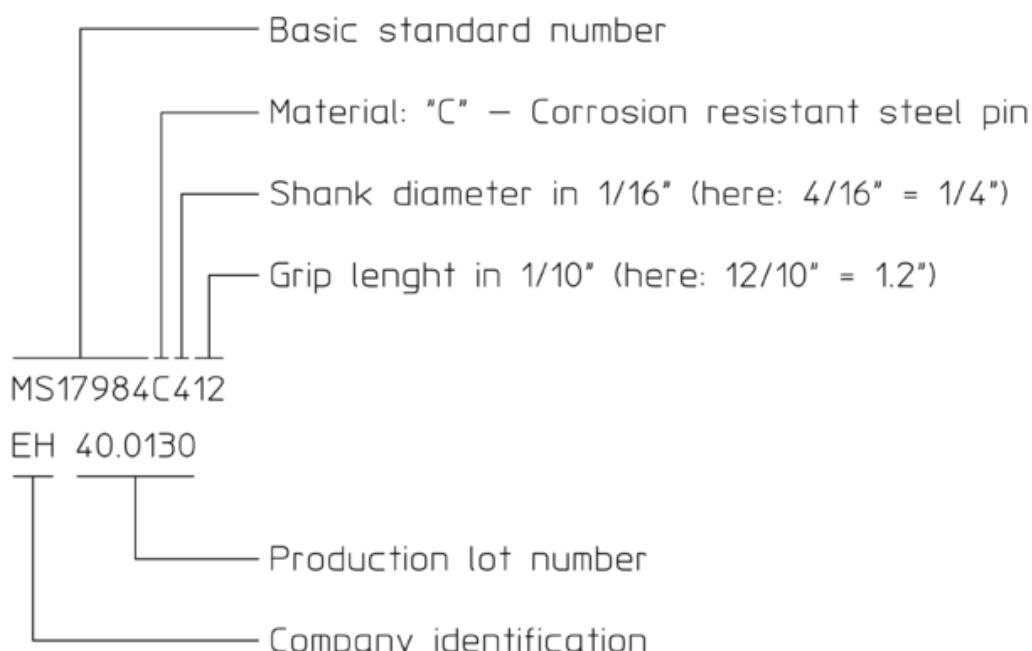
### Further products

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

## Drawing



Example:



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 <sup>1)</sup> min. [lb]	min. [°F]	max. [°F]	[g]	Art. No.
		B ±0,005 [inch]	C 0 -0,04 [inch]	D max. [inch]	E max. [inch]	F max. [inch]	G max. [inch]	H min. [inch]							
5/16	2	0,375	0,33	0,31	0,49	1,135	0,93	0,48	0,3165	14,400	-22	302	36	4210.C20	

<sup>1)</sup> Shearing resistance similar to DIN 50141