

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

4211.D05



### 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

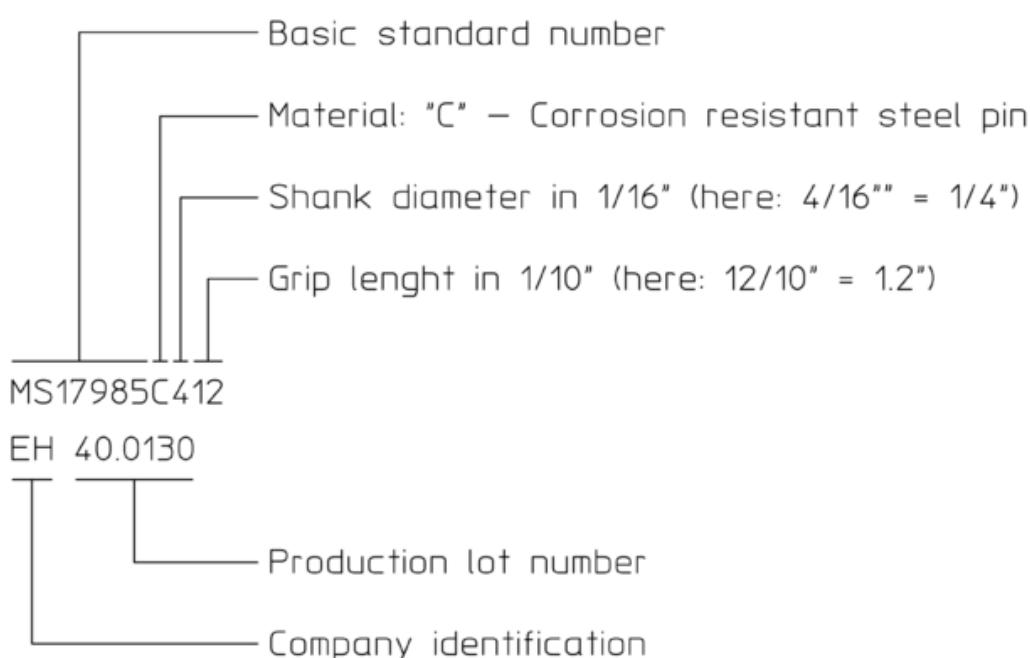
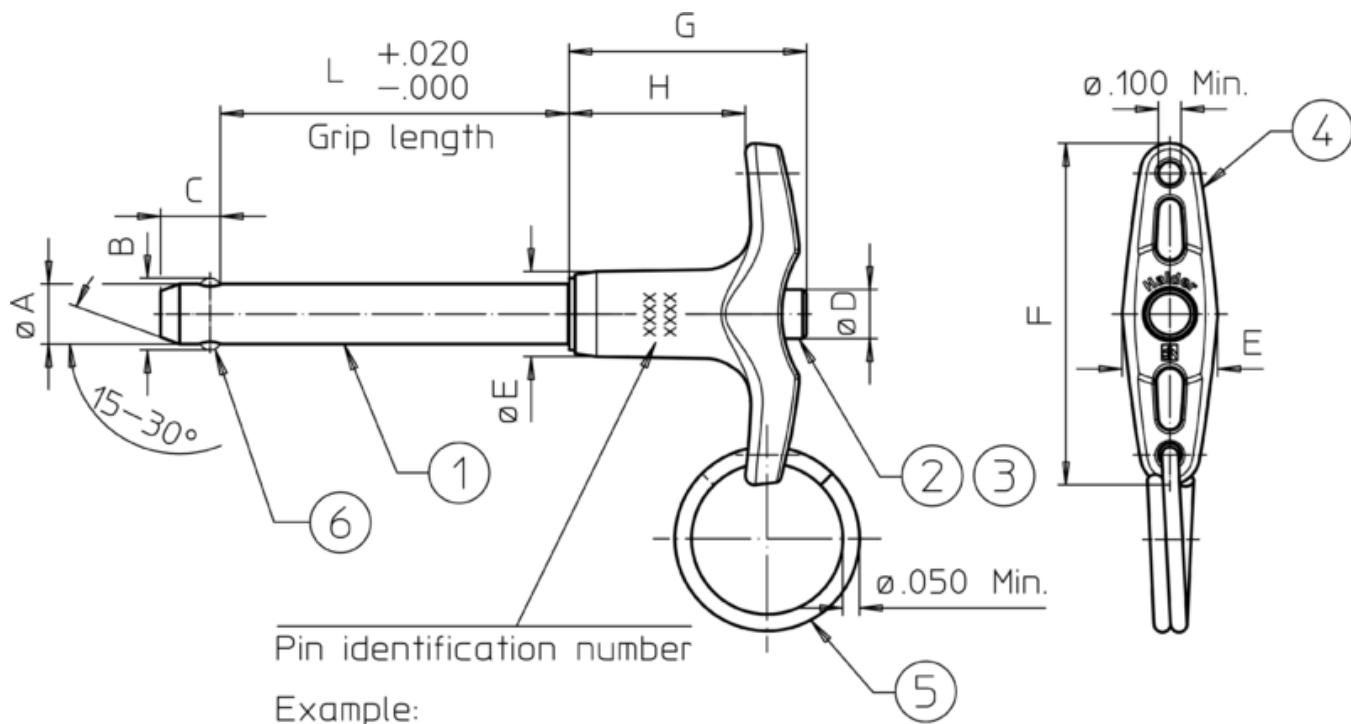
Special types on request.

All further dimensions are available on request.

#### Further products

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

**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 <sup>1)</sup> min. [lb]	min.  max.	Art. No.	
		B ±0,005	C 0 -0,04	D max.	E max.	F max.	G max.	H min.					
3/8	0,5	0,44	0,365	0,39	0,625	2,065	1,45	0,85	0,379	20,700	-22  302	43	4211.D05

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