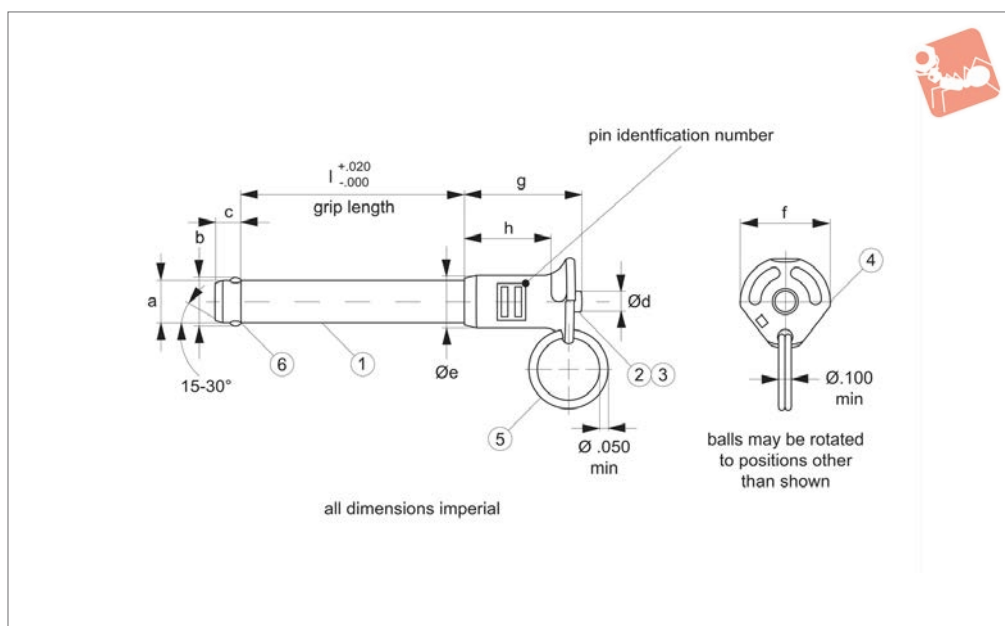




# Aviation Pip-Pin - Standard B Handle

single acting - quick release pins

## Ball Lock Pins & Quick Release



33600

BALL LOCK PINS & QUICK RELEASE PINS

### Material

#### Shank (part 1) & Spindle (part 2):

CRES 17-4PH (AMS 5643), heat treated per MIL-H-6875, condition H900, min. 40 HRC, passivated per AMS2700

#### Spring (part 3, not shown):

CRES 302 (ASTM-A-313), heat treated per MIL-H-6875, passivated per AMS2700

#### Handle (part 4):

A380 (QQ-A-591), anodized (black) per MIL-A-8625

#### Attaching ring (part 5):

CRES 302 (ASTM-A-313), passivated per AMS2700

#### Ball (locking element, part 6):

CRES CL440C (AMS5630), heat treated per MIL-H-6875, passivated per AMS2700

### Technical Notes

Wixroyd Aviation Pip-Pins manufactured to Aviation Norm NASM 17984 (former norm: MS 17984) and tested to NAS 1332.

Manufacture certified & assessed to EN9100D by EASE (European Aerospace Supplier Evaluation).

Temp. range -22°F to 302°F

Pressing = unlocking.

Releasing = locking.

Pip-Pins are used for frequently repeated operations such as quick fastening, locking, adjusting, changing and securing. All dimensions shown are imperial.

### Tips

We can manufacture specials (both metric & imperial) to your drawing, and are certified to produce to NASM standards.

Wixroyd Aviation Pip-Pins can be produced within the following dimensions:

+ diameter: from 3/16" to 1"

+ grip length: from 0.3" to 9.9"

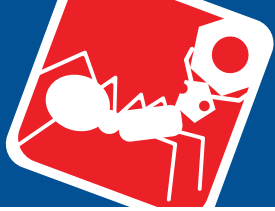
Quick production time on small batches.

Order No.	Dia. Ø nom.	Grip l	b	c	Ø d max.	Ø e max.	Weight g
33600.A005	3/16	0.5	0.220	0.26	0.31	0.44	17
33600.A006	3/16	0.6	0.220	0.26	0.31	0.44	17
33600.A007	3/16	0.7	0.220	0.26	0.31	0.44	17
33600.A008	3/16	0.8	0.220	0.26	0.31	0.44	18
33600.A010	3/16	1.0	0.220	0.26	0.31	0.44	18
33600.A011	3/16	1.1	0.220	0.26	0.31	0.44	19
33600.A013	3/16	1.3	0.220	0.26	0.31	0.44	19
33600.A015	3/16	1.5	0.220	0.26	0.31	0.44	20
33600.A018	3/16	1.8	0.220	0.26	0.31	0.44	21
33600.A020	3/16	2.0	0.220	0.26	0.31	0.44	22
33600.B007	1/4	0.7	0.289	0.29	0.31	0.44	20
33600.B008	1/4	0.8	0.289	0.29	0.31	0.44	20
33600.B010	1/4	1.0	0.289	0.29	0.31	0.44	22
33600.B011	1/4	1.1	0.289	0.29	0.31	0.44	22
33600.B012	1/4	1.2	0.289	0.29	0.31	0.44	24
33600.B014	1/4	1.4	0.289	0.29	0.31	0.44	24
33600.B018	1/4	1.8	0.289	0.29	0.31	0.44	26
33600.B019	1/4	1.9	0.289	0.29	0.31	0.44	27
33600.B020	1/4	2.0	0.289	0.29	0.31	0.44	27
33600.B023	1/4	2.3	0.289	0.29	0.31	0.44	29
33600.B025	1/4	2.5	0.289	0.29	0.31	0.44	32



Order No.	Dia. Ø nom.	Grip l	b	c	Ø d max.	Ø e max.	Weight g
33600.B028	1/4	2.8	0.289	0.29	0.31	0.44	32
33600.B029	1/4	2.9	0.289	0.29	0.31	0.44	33
33600.B064	1/4	6.4	0.289	0.29	0.31	0.44	59
33600.C008	5/16	0.8	0.375	0.33	0.31	0.49	25
33600.C010	5/16	1.0	0.375	0.33	0.31	0.49	28
33600.C012	5/16	1.2	0.375	0.33	0.31	0.49	29
33600.C014	5/16	1.4	0.375	0.33	0.31	0.49	31
33600.C016	5/16	1.6	0.375	0.33	0.31	0.49	33
33600.C017	5/16	1.7	0.375	0.33	0.31	0.49	34
33600.C019	5/16	1.9	0.375	0.33	0.31	0.49	33
33600.C020	5/16	2.0	0.375	0.33	0.31	0.49	36
33600.C022	5/16	2.2	0.375	0.33	0.31	0.49	38
33600.C023	5/16	2.3	0.375	0.33	0.31	0.49	39
33600.C025	5/16	2.5	0.375	0.33	0.31	0.49	43
33600.C029	5/16	2.9	0.375	0.33	0.31	0.49	46
33600.C030	5/16	3.0	0.375	0.33	0.31	0.49	47
33600.C036	5/16	3.6	0.375	0.33	0.31	0.49	53
33600.C049	5/16	4.9	0.375	0.33	0.31	0.49	65
33600.C062	5/16	6.2	0.375	0.33	0.31	0.49	73
33600.C067	5/16	6.7	0.375	0.33	0.31	0.49	85

Order No.	Ø f max.	g max.	h min.	Shearing resistance, double lb min.	Location hole dia. max.	MS Part No.
33600.A005	0.800	0.83	0.48	5.150	0.1940	MS17984C305
33600.A006	0.800	0.83	0.48	5.150	0.1940	MS17984C306
33600.A007	0.800	0.83	0.48	5.150	0.1940	MS17984C307
33600.A008	0.800	0.83	0.48	5.150	0.1940	MS17984C308
33600.A010	0.800	0.83	0.48	5.150	0.1940	MS17984C310
33600.A011	0.800	0.83	0.48	5.150	0.1940	MS17984C311
33600.A013	0.800	0.83	0.48	5.150	0.1940	MS17984C313
33600.A015	0.800	0.83	0.48	5.150	0.1940	MS17984C315
33600.A018	0.800	0.83	0.48	5.150	0.1940	MS17984C318
33600.A020	0.800	0.83	0.48	5.150	0.1940	MS17984C320
33600.B007	0.800	0.89	0.48	9.200	0.2540	MS17984C407
33600.B008	0.800	0.89	0.48	9.200	0.2540	MS17984C408
33600.B010	0.800	0.89	0.48	9.200	0.2540	MS17984C410
33600.B011	0.800	0.89	0.48	9.200	0.2540	MS17984C411
33600.B012	0.800	0.89	0.48	9.200	0.2540	MS17984C412
33600.B014	0.800	0.89	0.48	9.200	0.2540	MS17984C414
33600.B018	0.800	0.89	0.48	9.200	0.2540	MS17984C418
33600.B019	0.800	0.89	0.48	9.200	0.2540	MS17984C419
33600.B020	0.800	0.89	0.48	9.200	0.2540	MS17984C410
33600.B023	0.800	0.89	0.48	9.200	0.2540	MS17984C423
33600.B025	0.800	0.89	0.48	9.200	0.2540	MS17984C425
33600.B028	0.800	0.89	0.48	9.200	0.2540	MS17984C428
33600.B029	0.800	0.89	0.48	9.200	0.2540	MS17984C429
33600.B064	0.800	0.89	0.48	9.200	0.2540	MS17984C464
33600.C008	1.135	0.93	0.48	14.400	0.3165	MS17984C508
33600.C010	1.135	0.93	0.48	14.400	0.3165	MS17984C510
33600.C012	1.135	0.93	0.48	14.400	0.3165	MS17984C512
33600.C014	1.135	0.93	0.48	14.400	0.3165	MS17984C514
33600.C016	1.135	0.93	0.48	14.400	0.3165	MS17984C516
33600.C017	1.135	0.93	0.48	14.400	0.3165	MS17984C517
33600.C019	1.135	0.93	0.48	14.400	0.3165	MS17984C519
33600.C020	1.135	0.93	0.48	14.400	0.3165	MS17984C520
33600.C022	1.135	0.93	0.48	14.400	0.3165	MS17984C522
33600.C023	1.135	0.93	0.48	14.400	0.3165	MS17984C523
33600.C025	1.135	0.93	0.48	14.400	0.3165	MS17984C525
33600.C029	1.135	0.93	0.48	14.400	0.3165	MS17984C529
33600.C030	1.135	0.93	0.48	14.400	0.3165	MS17984C530
33600.C036	1.135	0.93	0.48	14.400	0.3165	MS17984C536
33600.C049	1.135	0.93	0.48	14.400	0.3165	MS17984C549
33600.C062	1.135	0.93	0.48	14.400	0.3165	MS17984C562
33600.C067	1.135	0.93	0.48	14.400	0.3165	MS17984C567



## Wixroyd Flight Pin Range - Certified to Aviation Standards

With many years experience producing an extensive range of standard Pip-pins (also know as quick release pins or ball lock pins) we are now able to offer of Aviation Standard approved Pip-pins, manufactured according to NASM norms (formerly MS norms) and tested to NAS 1332 standards.



**33600 - Single acting Pip-pin, standard B handle**



**33610 - Single acting Pip-pin, standard TA handle**



**33620 - Single acting Pip-pin, standard LA handle**



**33630 - Single acting Pip-pin, standard R handle**

### Expanding Range

- Interior panel attachment
- Baby bassinet pin
- Curtain track attachment
- Curtain track support pins
- TV monitor attachment
- Folding table assembly (e.g. First Class Cabins)

### Wide Range of Aviation Applications

The Wixroyd Aviation Pip-pin range is produced according to NASM norms, and tested to NAS standards. Our manufacturing processes have been assessed and certified by EASE (European Aerospace Supplier Evaluation) to EN9100D.

All our Aviation Pip-pins are individually marked to enable identification of their production lot number.

### Aviation Approved

Yes! The product sizes shown on the following pages, with a cross reference to the NASM part code for ease of identification, are all available from stock for delivery within 5 days.

### In-Stock and Available?

We have extensive knowledge and experience in designing, producing and assembling bespoke design pip-pins and ball lock pins in both imperial and metric sizes. We produce under a fully certified manufacturing process, both to our own high standard or to meet Aviation standards.

Please contact our technical team to discuss your requirements (tel. 0845 26 66 577) or email a drawing to [info@wixroyd.com](mailto:info@wixroyd.com)

### Special Designs

For our full range visit:  
**wixroyd.com**

Products Wixroyd Design Elements

33600 Aviation Pip-Pin, Standard B Handle  
single acting, quick release pins - according to NASM 17984, material: Steel.

pin identification number

all dimensions imperial

Download product datasheet Download FREE CAD



## Wixroyd Flight Pin Range - Certified to Aviation Standards

Your normal experience may be that imperial Aviation Standard Pip-pins are hard to obtain; price prohibitive, and delivery times far too long. The range of Wixroyd Aviation Pip-pins, in a variety of imperial dimensions, has been designed to solve these problems - we hold a wide, and ever increasing range of sizes ex-stock for immediate delivery - no more 6-8 week lead time!

With many years experience producing an extensive range of standard Pip-pins (also know as quick release pins or ball lock pins) we are now able to offer of Aviation Standard approved Pip-pins, manufactured according to NASM norms (formerly MS norms) and tested to NAS 1332 standards.

### Wide Range of Aviation Applications

- Interior panel attachment
- Baby bassinet pin
- Curtain track attachment
- Curtain track support pins
- TV monitor attachment
- Folding table assembly (e.g. First Class Cabins)

### In-stock and Available?

Yes! The product sizes shown on the following pages, with a cross reference to the NASM part code for ease of identification, are all available from stock for delivery within 5 days.

### Materials

Our Aviation Pip-pins are manufactured to NASM norms, and we follow the material specification of these norms, which means you can feel safe in purchasing a part which is to specification - both in materials and strength.

### Aviation Approved



The new Wixroyd Aviation Pip-pin range is produced according to NASM norms, and tested to NAS standards. Our manufacturing processes have been assessed and certified by EASE (European Aerospace Supplier Evaluation) to EN9100D.

### Identifying Production Batches

All our Aviation Pip-pins are individually marked to enable identification of their production lot number. Marking allows identification of:

- NASM Standard Number
- Material Grade
- Pin/shank diameter
- Grip length
- Company identification
- Production lot number.

### Special Designs

We have extensive knowledge and experience in designing, producing and assembling bespoke design pip-pins and ball lock pins in both imperial and metric sizes. We produce under a fully certified manufacturing process, both to our own high standard or to meet Aviation standards.

We can customise to meet your needs:

- Changes in grip/handle type
- Material variations
- Changes of functional dimensions; pin diameter, pin grip length

Please contact our technical team to discuss your requirements (tel. 0845 26 66 577) or email a drawing to [info@wixroyd.com](mailto:info@wixroyd.com)

### Expanding Range



Single acting Pip-pin,  
standard B handle



Single acting Pip-pin,  
standard TA handle



Single acting Pip-pin,  
standard LA handle



Single acting Pip-pin,  
standard R handle