

POSITIVE LOCK PINS

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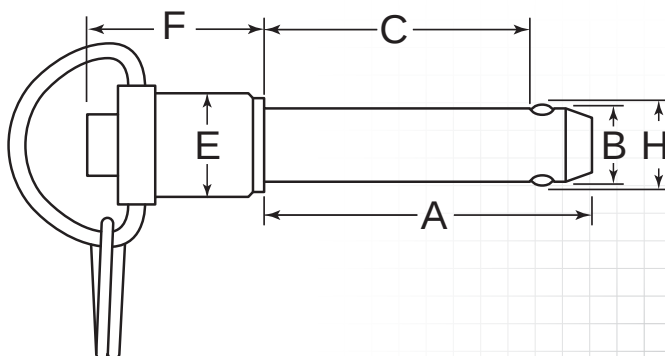
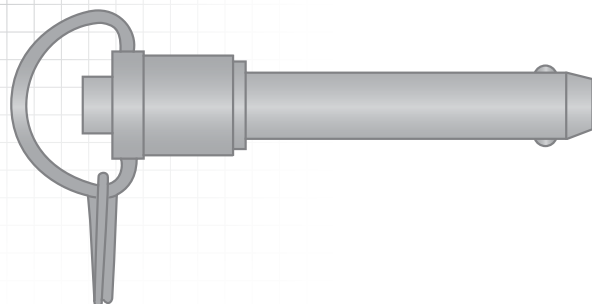
RING HANDLE

DESCRIPTION

These pins feature a secure locking mechanism with an easy grip ring handle that is small enough to fit into recesses. Ring handle positive lock pins are the most economical of the group.

HOW TO IDENTIFY

1. Verify ring grip.
2. Measure diameter (B).
3. Measure effective length (C).
4. Find the part in the chart below.



PREFIX MATERIAL/FINISH

PLR = 4130 ALLOY STEEL, CADMIUM
 PLR6 = 17-4 PH STAINLESS STEEL, PASSIVATED
 PLR63 = 304 STAINLESS STEEL, PASSIVATED

Material/finish combinations may not be available in all sizes.

TETHERS AVAILABLE
 SEE PAGE 128

ITEM NUMBER	(C) EFF. LENGTH +.020/- .000"	(A) SHANK LENGTH
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3/16 (.1875")

(B) Outside Diameter: .1885/.1870"

(E) Body Diameter: .4375" (7/16)
 (F) Body Handle Height: .8125" (13/16)
 (H) Double Ball Dimension: .2200"

PREFIX-0187-0500	.500" (1/2)	.760"
PREFIX-0187-0750	.750" (3/4)	1.010"
PREFIX-0187-1000	1.000" (1)	1.260"
PREFIX-0187-1250	1.250" (1-1/4)	1.510"
PREFIX-0187-1500	1.500" (1-1/2)	1.760"
PREFIX-0187-2000	2.000" (2)	2.260"
PREFIX-0187-2500	2.500" (2-1/2)	2.760"
PREFIX-0187-3000	3.000" (3)	3.260"
PREFIX-0187-4000	4.000" (4)	4.260"

1/4 (.2500")

(B) Outside Diameter: .2485/.2470"

(E) Body Diameter: .4375" (7/16)
 (F) Body Handle Height: .8125" (13/16)
 (H) Double Ball Dimension: .2890"

PREFIX-0250-0500	.500" (1/2)	.790"
PREFIX-0250-0750	.750" (3/4)	1.040"
PREFIX-0250-1000	1.000" (1)	1.290"
PREFIX-0250-1250	1.250" (1-1/4)	1.540"

ITEM NUMBER	(C) EFF. LENGTH +.020/- .000"	(A) SHANK LENGTH
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PREFIX-0250-1500	1.500" (1-1/2)	1.790"
PREFIX-0250-1750	1.750" (1-3/4)	2.040"
PREFIX-0250-2000	2.000" (2)	2.290"
PREFIX-0250-2500	2.500" (2-1/2)	2.790"
PREFIX-0250-3000	3.000" (3)	3.290"
PREFIX-0250-3500	3.500" (3-1/2)	3.790"
PREFIX-0250-4000	4.000" (4)	4.290"

5/16 (.3125")

(B) Outside Diameter: .3110/.3095"

(E) Body Diameter: .4375" (7/16)
 (F) Body Handle Height: .8438" (27/32)
 (H) Double Ball Dimension: .3750" (3/8)

PREFIX-0312-0500	.500" (1/2)	.830"
PREFIX-0312-0750	.750" (3/4)	1.080"
PREFIX-0312-1000	1.000" (1)	1.330"
PREFIX-0312-1250	1.250" (1-1/4)	1.580"
PREFIX-0312-1500	1.500" (1-1/2)	1.830"
PREFIX-0312-2000	2.000" (2)	2.330"
PREFIX-0312-2500	2.500" (2-1/2)	2.830"
PREFIX-0312-3000	3.000" (3)	3.330"
PREFIX-0312-3500	3.500" (3-1/2)	3.830"
PREFIX-0312-4000	4.000" (4)	4.330"

ITEM NUMBER	(C) EFF. LENGTH +.020/- .000"	(A) SHANK LENGTH
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PREFIX-0312-4500	4.500" (4-1/2)	4.830"
PREFIX-0312-5000	5.000" (5)	5.330"
PREFIX-0312-6000	6.000" (6)	6.330"

3/8 (.3750")

(B) Outside Diameter: .3735/.3720"

(E) Body Diameter: .5625" (9/16)
 (F) Body Handle Height: 1.0000" (1)
 (H) Double Ball Dimension: .4400"

PREFIX-0375-0500	.500" (1/2)	.865"
PREFIX-0375-1000	1.000" (1)	1.365"
PREFIX-0375-1250	1.250" (1-1/4)	1.615"
PREFIX-0375-1500	1.500" (1-1/2)	1.865"
PREFIX-0375-1750	1.750" (1-3/4)	2.115"
PREFIX-0375-2000	2.000" (2)	2.365"
PREFIX-0375-2250	2.250" (2-1/4)	2.615"
PREFIX-0375-2500	2.500" (2-1/2)	2.865"
PREFIX-0375-3000	3.000" (3)	3.365"
PREFIX-0375-3500	3.500" (3-1/2)	3.865"
PREFIX-0375-4000	4.000" (4)	4.365"
PREFIX-0375-4500	4.500" (4-1/2)	4.865"
PREFIX-0375-5000	5.000" (5)	5.365"
PREFIX-0375-5500	5.500" (5-1/2)	5.865"
PREFIX-0375-6000	6.000" (6)	6.365"

FOR DETAILED SPECIFICATIONS AND TOLERANCES, VISIT HUYETT.COM.

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POSITIVE LOCK PINS

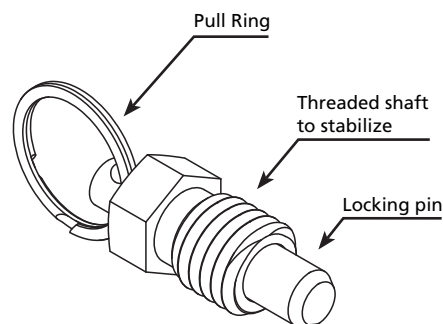
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RING HANDLE

CASE STUDY

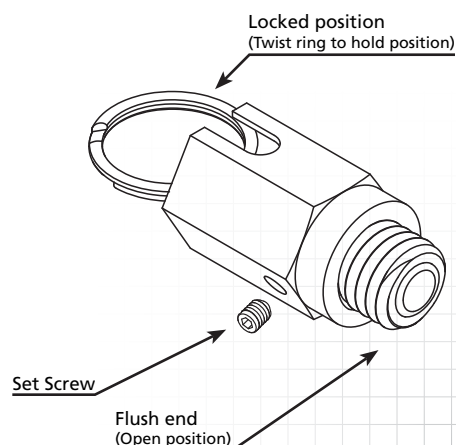
PROBLEM:

A medical supply company approached us with a challenge to create a ring pull pin with a threaded shaft. Our sales team and engineers worked with the company to develop a cost-effective solution. They came back to us with a need for a locking mechanism that would allow them to keep the pin in an open position. They only needed a small quantity, and they needed them as quickly as possible.



SOLUTION:

A corrosion-resistant hex shaft was used to create collars for the locking pins. After the shaft was cut to length, each collar was turned, threaded, finished, and combined with the existing ring pull pin. The finished assembly allowed the ring pin to be pulled, twisted, and locked in an open position. Additionally, a hole was threaded in one side of the collar so that a set screw could be added to the assembly to safely lock the ring pin in an open or closed position.



ITEM NUMBER	(C) EFF. LENGTH + .020/- .000"	(A) SHANK LENGTH
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7/16 (.4375")

(B) Outside Diameter: .4360/.4345"

(E) Body Diameter: .5625" (9/16)
(F) Body Handle Height: 1.0000" (1)
(H) Double Ball Dimension: .5090"

PREFIX-0437-1000	1.000" (1)	1.380"
PREFIX-0437-2000	2.000" (2)	2.380"
PREFIX-0437-2500	2.500" (2-1/2)	2.880"
PREFIX-0437-3000	3.000" (3)	3.380"
PREFIX-0437-4000	4.000" (4)	4.380"

1/2 (.5000")

(B) Outside Diameter: .4985/.4970"

(E) Body Diameter: .6875" (11/16)
(F) Body Handle Height: 1.2500" (1-1/4)
(H) Double Ball Dimension: .5940" (19/32)

PREFIX-0500-1000	1.000" (1)	1.460"
PREFIX-0500-1250	1.250" (1-1/4)	1.710"
PREFIX-0500-1500	1.500" (1-1/2)	1.960"
PREFIX-0500-1750	1.750" (1-3/4)	2.210"
PREFIX-0500-2000	2.000" (2)	2.460"
PREFIX-0500-2500	2.500" (2-1/2)	2.960"
PREFIX-0500-3000	3.000" (3)	3.460"
PREFIX-0500-3500	3.500" (3-1/2)	3.960"
PREFIX-0500-4000	4.000" (4)	4.460"
PREFIX-0500-4500	4.500" (4-1/2)	4.960"
PREFIX-0500-5000	5.000" (5)	5.460"
PREFIX-0500-5500	5.500" (5-1/2)	5.960"
PREFIX-0500-6000	6.000" (6)	6.460"

9/16 (.5625")

(B) Outside Diameter: .5610/.5595"

(E) Body Diameter: .6875" (11/16)
(F) Body Handle Height: 1.2500" (1-1/4)
(H) Double Ball Dimension: .6660"

PREFIX-0562-2000	2.000" (2)	2.510"
PREFIX-0562-3000	3.000" (3)	3.510"

5/8 (.6250")

(B) Outside Diameter: .6235/.6220"

(E) Body Diameter: .9375" (15/16)
(F) Body Handle Height: 1.6875" (1-11/16)
(H) Double Ball Dimension: .7500" (3/4)

PREFIX-0625-1500	1.500" (1-1/2)	2.080"
PREFIX-0625-2000	2.000" (2)	2.580"
PREFIX-0625-2500	2.500" (2-1/2)	3.080"
PREFIX-0625-3000	3.000" (3)	3.580"
PREFIX-0625-3500	3.500" (3-1/2)	4.080"
PREFIX-0625-4000	4.000" (4)	4.580"
PREFIX-0625-4500	4.500" (4-1/2)	5.080"
PREFIX-0625-5000	5.000" (5)	5.580"
PREFIX-0625-5500	5.500" (5-1/2)	6.080"
PREFIX-0625-6000	6.000" (6)	6.580"

ITEM NUMBER	(C) EFF. LENGTH + .020/- .000"	(A) SHANK LENGTH
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3/4 (.7500")

(B) Outside Diameter: .7485/.7470"

(E) Body Diameter: .9375" (15/16)
(F) Body Handle Height: 1.8125" (1-13/16)
(H) Double Ball Dimension: .8870"

PREFIX-0750-1500	1.500" (1-1/2)	2.170"
PREFIX-0750-2000	2.000" (2)	2.670"
PREFIX-0750-2500	2.500" (2-1/2)	3.170"
PREFIX-0750-3000	3.000" (3)	3.670"
PREFIX-0750-3500	3.500" (3-1/2)	4.170"
PREFIX-0750-4000	4.000" (4)	4.670"
PREFIX-0750-4500	4.500" (4-1/2)	5.170"
PREFIX-0750-5000	5.000" (5)	5.670"
PREFIX-0750-5500	5.500" (5-1/2)	6.170"
PREFIX-0750-6000	6.000" (6)	6.670"

7/8 (.8750")

(B) Outside Diameter: .8735/.8720"

(E) Body Diameter: 1.1875" (1-3/16)
(F) Body Handle Height: 2.1875" (2-3/16)
(H) Double Ball Dimension: 1.0470" (1-3/64)

PREFIX-0875-3000	3.000" (3)	3.760"
PREFIX-0875-4000	4.000" (4)	4.760"

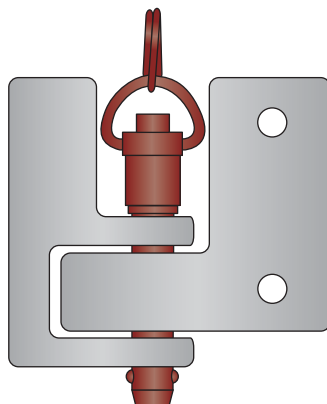
1 (1.0000")

(B) Outside Diameter: .9985/.9970"

(E) Body Diameter: 1.1875" (1-3/16)
(F) Body Handle Height: 2.1250" (2-1/8)
(H) Double Ball Dimension: 1.2190" (1-7/32)

PREFIX-1000-2000	2.000" (2)	2.890"
PREFIX-1000-3000	3.000" (3)	3.890"
PREFIX-1000-4000	4.000" (4)	4.890"
PREFIX-1000-6000	6.000" (6)	6.890"

APPLICATION



RING ASSISTS REMOVAL
IN RECESSED AREAS

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