



POSITIVE LOCK PINS

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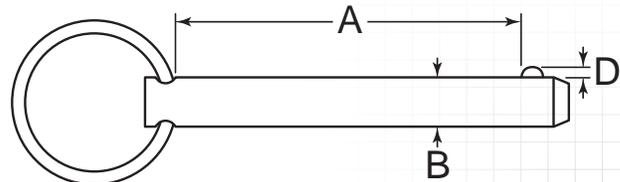
DETENT

DESCRIPTION

Detent pins are designed for use in temporary quick disconnect operations. The pin has a ball bearing on one end with a steel spring works that depresses and springs out to lock the pin into place. See also "Cotterless Clevis Pins," page 33.

HOW TO IDENTIFY

1. Verify ring grip pin with spring loaded detent ball at opposite end.
2. Measure diameter (B).
3. Measure effective length (A).
4. Find the part in the chart below.



PREFIX MATERIAL/FINISH

DTP = MEDIUM CARBON STEEL, ZINC CLEAR
 DTPs = 300 SERIES STAINLESS STEEL, PLAIN
 DTPs6 = 316 STAINLESS STEEL, PLAIN
 #####-Y = MEDIUM CARBON STEEL, ZINC YELLOW
 Material/finish combinations may not be available in all sizes.

ADDITIONAL SIZES AND FINISHES MAY BE AVAILABLE UPON REQUEST

ITEM NUMBER	(A) EFFECTIVE LENGTH +.060/- .000"
3/16 (.188") (B) Outside Diameter: .188/.184"	
(D) Ball Height: .017" .022/.012" Maximum Hole Diameter: .194"	
PREFIX-0187-0400	.400"
PREFIX-0187-0500	.500" (1/2)
PREFIX-0187-0600	.600"
PREFIX-0187-0700	.700"
PREFIX-0187-0800	.800"
PREFIX-0187-0812	.813" (13/16)
PREFIX-0187-0900	.900"
PREFIX-0187-1000	1.000" (1)
PREFIX-0187-1100	1.100"
PREFIX-0187-1200	1.200"
PREFIX-0187-1300	1.300"
PREFIX-0187-1312	1.313" (1-5/16)
PREFIX-0187-1400	1.400"
PREFIX-0187-1500	1.500" (1-1/2)
PREFIX-0187-1600	1.600"
PREFIX-0187-1700	1.700"
PREFIX-0187-1800	1.800"
PREFIX-0187-1812	1.813" (1-13/16)
PREFIX-0187-1900	1.900"

ITEM NUMBER	(A) EFFECTIVE LENGTH +.060/- .000"
PREFIX-0187-2000	2.000" (2)
PREFIX-0187-2312	2.313" (2-5/16)
PREFIX-0187-2500	2.500" (2-1/2)
PREFIX-0187-2600	2.600"
PREFIX-0187-2812	2.813" (2-13/16)
PREFIX-0187-3000	3.000" (3)
PREFIX-0187-3500	3.500" (3-1/2)
PREFIX-0187-4000	4.000" (4)
1/4 (.250") (B) Outside Diameter: .250/.247"	
(D) Ball Height: .036" .041/.031" Maximum Hole Diameter: .254"	
PREFIX-0250-0400	.400"
PREFIX-0250-0500	.500" (1/2)
PREFIX-0250-0600	.600"
PREFIX-0250-0700	.700"
PREFIX-0250-0750	.750" (3/4)
PREFIX-0250-0800	.800"
PREFIX-0250-0900	.900"
PREFIX-0250-1000	1.000" (1)
PREFIX-0250-1100	1.100"
PREFIX-0250-1200	1.200"
PREFIX-0250-1250	1.250" (1-1/4)

ITEM NUMBER	(A) EFFECTIVE LENGTH +.060/- .000"
PREFIX-0250-1300	1.300"
PREFIX-0250-1400	1.400"
PREFIX-0250-1500	1.500" (1-1/2)
PREFIX-0250-1600	1.600"
PREFIX-0250-1700	1.700"
PREFIX-0250-1750	1.750" (1-3/4)
PREFIX-0250-1800	1.800"
PREFIX-0250-1900	1.900"
PREFIX-0250-2000	2.000" (2)
PREFIX-0250-2100	2.100"
PREFIX-0250-2200	2.200"
PREFIX-0250-2250	2.250" (2-1/4)
PREFIX-0250-2300	2.300"
PREFIX-0250-2400	2.400"
PREFIX-0250-2500	2.500" (2-1/2)
PREFIX-0250-2700	2.700"
PREFIX-0250-2750	2.750" (2-3/4)
PREFIX-0250-3000	3.000" (3)
PREFIX-0250-3200	3.200"
PREFIX-0250-3250	3.250" (3-1/4)
PREFIX-0250-3500	3.500" (3-1/2)
PREFIX-0250-3750	3.750" (3-3/4)
PREFIX-0250-4000	4.000" (4)
PREFIX-0250-4250	4.250" (4-1/4)

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BOX 232 • MINNEAPOLIS, KS • 67467

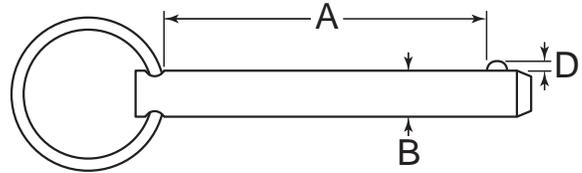
SALES@HUYETT.COM • FAX 785-392-2845

DETENT

PREFIX MATERIAL/FINISH

- DTP = MEDIUM CARBON STEEL, ZINC CLEAR
- DTP-####-Y = MEDIUM CARBON STEEL, ZINC YELLOW
- DTP6 = 300 SERIES STAINLESS STEEL, PLAIN
- DTP66 = 316 STAINLESS STEEL, PLAIN

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



ITEM NUMBER	(A) EFFECTIVE LENGTH +.0001-.000"
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1/4 (.250")

(B) Outside Diameter: .250/.247"

(D) Ball Height: .036" .041/.031"
Maximum Hole Diameter: .254"

PREFIX-0250-4300	4.300"
PREFIX-0250-4500	4.500" (4-1/2)
PREFIX-0250-4750	4.750" (4-3/4)
PREFIX-0250-5000	5.000" (5)
PREFIX-0250-6000	6.000" (6)

5/16 (.313")

(B) Outside Diameter: .313/.309"

(D) Ball Height: .047" (.3/64) .051/.041"
Maximum Hole Diameter: .317"

PREFIX-0312-0625	.625" (5/8)
PREFIX-0312-0750	.750" (3/4)
PREFIX-0312-0800	.800"
PREFIX-0312-1000	1.000" (1)
PREFIX-0312-1125	1.125" (1-1/8)
PREFIX-0312-1200	1.200"
PREFIX-0312-1250	1.250" (1-1/4)
PREFIX-0312-1300	1.300"
PREFIX-0312-1400	1.400"
PREFIX-0312-1500	1.500" (1-1/2)
PREFIX-0312-1600	1.600"
PREFIX-0312-1625	1.625" (1-5/8)
PREFIX-0312-1700	1.700"
PREFIX-0312-1800	1.800"
PREFIX-0312-1900	1.900"
PREFIX-0312-2000	2.000" (2)
PREFIX-0312-2125	2.125" (2-1/8)
PREFIX-0312-2200	2.200"
PREFIX-0312-2500	2.500" (2-1/2)
PREFIX-0312-2625	2.625" (2-5/8)
PREFIX-0312-3000	3.000" (3)
PREFIX-0312-3125	3.125" (3-1/8)
PREFIX-0312-3500	3.500" (3-1/2)
PREFIX-0312-3625	3.625" (3-5/8)
PREFIX-0312-4000	4.000" (4)
PREFIX-0312-4125	4.125" (4-1/8)
PREFIX-0312-4500	4.500" (4-1/2)
PREFIX-0312-4625	4.625" (4-5/8)
PREFIX-0312-4700	4.700"
PREFIX-0312-5000	5.000" (5)

ITEM NUMBER	(A) EFFECTIVE LENGTH +.0001-.000"
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PREFIX-0312-5125	5.125" (5-1/8)
PREFIX-0312-5500	5.500" (5-1/2)
PREFIX-0312-6000	6.000" (6)
PREFIX-0312-6800	6.800"

3/8 (.375")

(B) Outside Diameter: .375/.372"

(D) Ball Height: .051" .056/.047"
Maximum Hole Diameter: .379"

PREFIX-0375-0500	.500" (1/2)
PREFIX-0375-0600	.600"
PREFIX-0375-0625	.625" (5/8)
PREFIX-0375-0700	.700"
PREFIX-0375-0750	.750" (3/4)
PREFIX-0375-0800	.800"
PREFIX-0375-0900	.900"
PREFIX-0375-1000	1.000" (1)
PREFIX-0375-1100	1.100"
PREFIX-0375-1125	1.125" (1-1/8)
PREFIX-0375-1200	1.200"
PREFIX-0375-1300	1.300"
PREFIX-0375-1400	1.400"
PREFIX-0375-1500	1.500" (1-1/2)
PREFIX-0375-1600	1.600"
PREFIX-0375-1625	1.625" (1-5/8)
PREFIX-0375-1700	1.700"
PREFIX-0375-1750	1.750" (1-3/4)
PREFIX-0375-1800	1.800"
PREFIX-0375-1900	1.900"
PREFIX-0375-2000	2.000" (2)
PREFIX-0375-2100	2.100"
PREFIX-0375-2125	2.125" (2-1/8)
PREFIX-0375-2200	2.200"
PREFIX-0375-2300	2.300"
PREFIX-0375-2400	2.400"
PREFIX-0375-2500	2.500" (2-1/2)
PREFIX-0375-2600	2.600"
PREFIX-0375-2625	2.625" (2-5/8)
PREFIX-0375-2700	2.700"
PREFIX-0375-2800	2.800"
PREFIX-0375-2900	2.900"
PREFIX-0375-3000	3.000" (3)
PREFIX-0375-3125	3.125" (3-1/8)
PREFIX-0375-3500	3.500" (3-1/2)
PREFIX-0375-3625	3.625" (3-5/8)

ITEM NUMBER	(A) EFFECTIVE LENGTH +.0001-.000"
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PREFIX-0375-4000	4.000" (4)
PREFIX-0375-4125	4.125" (4-1/8)
PREFIX-0375-4500	4.500" (4-1/2)
PREFIX-0375-4625	4.625" (4-5/8)
PREFIX-0375-5000	5.000" (5)
PREFIX-0375-5125	5.125" (5-1/8)
PREFIX-0375-6000	6.000" (6)
PREFIX-0375-6200	6.200"
PREFIX-0375-7000	7.000" (7)

7/16 (.438")

(B) Outside Diameter: .438/.434"

(D) Ball Height: .059" .064/.054"
Maximum Hole Diameter: .443"

PREFIX-0437-0562	.563" (9/16)
PREFIX-0437-1000	1.000" (1)
PREFIX-0437-1062	1.063" (1-1/16)
PREFIX-0437-1500	1.500" (1-1/2)
PREFIX-0437-1562	1.563" (1-9/16)
PREFIX-0437-2000	2.000" (2)
PREFIX-0437-2062	2.063" (2-1/16)
PREFIX-0437-2500	2.500" (2-1/2)
PREFIX-0437-2562	2.563" (2-9/16)
PREFIX-0437-3000	3.000" (3)
PREFIX-0437-3062	3.063" (3-1/16)
PREFIX-0437-3500	3.500" (3-1/2)
PREFIX-0437-3562	3.563" (3-9/16)
PREFIX-0437-4000	4.000" (4)
PREFIX-0437-4062	4.063" (4-1/16)
PREFIX-0437-4500	4.500" (4-1/2)
PREFIX-0437-4562	4.563" (4-9/16)
PREFIX-0437-5000	5.000" (5)
PREFIX-0437-5062	5.063" (5-1/16)

1/2 (.500")

(B) Outside Diameter: .500/.497"

(D) Ball Height: .070" .075/.065"
Maximum Hole Diameter: .505"

PREFIX-0500-0500	.500" (1/2)
PREFIX-0500-0600	.600"
PREFIX-0500-0800	.800"
PREFIX-0500-1000	1.000" (1)
PREFIX-0500-1100	1.100"
PREFIX-0500-1200	1.200"
PREFIX-0500-1300	1.300"

FOR DETAILED SPECIFICATIONS AND TOLERANCES, VISIT HUYETT.COM.

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DETENT

ITEM NUMBER	(A) EFFECTIVE LENGTH +.0001-.000"
PREFIX-0500-1400	1.400"
PREFIX-0500-1500	1.500" (1-1/2)
PREFIX-0500-1600	1.600"
PREFIX-0500-1700	1.700"
PREFIX-0500-1800	1.800"
PREFIX-0500-1900	1.900"
PREFIX-0500-2000	2.000" (2)
PREFIX-0500-2100	2.100"
PREFIX-0500-2200	2.200"
PREFIX-0500-2300	2.300"
PREFIX-0500-2400	2.400"
PREFIX-0500-2500	2.500" (2-1/2)
PREFIX-0500-2600	2.600"
PREFIX-0500-2700	2.700"
PREFIX-0500-2800	2.800"
PREFIX-0500-3000	3.000" (3)
PREFIX-0500-3100	3.100"
PREFIX-0500-3200	3.200"
PREFIX-0500-3300	3.300"
PREFIX-0500-3500	3.500" (3-1/2)
PREFIX-0500-3800	3.800"
PREFIX-0500-4000	4.000" (4)
PREFIX-0500-4300	4.300"
PREFIX-0500-4500	4.500" (4-1/2)
PREFIX-0500-5000	5.000" (5)
PREFIX-0500-5500	5.500" (5-1/2)
PREFIX-0500-6000	6.000" (6)
PREFIX-0500-7000	7.000" (7)
PREFIX-0500-8000	8.000" (8)

5/8 (.625")	
(B) Outside Diameter: .625/.622"	
(D) Ball Height: .085" .090/.080" Maximum Hole Diameter: .630"	
PREFIX-0625-1000	1.000" (1)
PREFIX-0625-1300	1.300"
PREFIX-0625-1500	1.500" (1-1/2)
PREFIX-0625-1700	1.700"
PREFIX-0625-2000	2.000" (2)
PREFIX-0625-2500	2.500" (2-1/2)
PREFIX-0625-3000	3.000" (3)
PREFIX-0625-3500	3.500" (3-1/2)
PREFIX-0625-4000	4.000" (4)
PREFIX-0625-4500	4.500" (4-1/2)
PREFIX-0625-5000	5.000" (5)
PREFIX-0625-5500	5.500" (5-1/2)
PREFIX-0625-6000	6.000" (6)
PREFIX-0625-7000	7.000" (7)
PREFIX-0625-8000	8.000" (8)

ITEM NUMBER	(A) EFFECTIVE LENGTH +.0001-.000"
3/4 (.750")	
(B) Outside Diameter: .750/.747"	
(D) Ball Height: .106" .111/.101" Maximum Hole Diameter: .757"	
PREFIX-0750-1000	1.000" (1)
PREFIX-0750-1300	1.300"
PREFIX-0750-1500	1.500" (1-1/2)
PREFIX-0750-1750	1.750" (1-3/4)
PREFIX-0750-2000	2.000" (2)
PREFIX-0750-2500	2.500" (2-1/2)
PREFIX-0750-2600	2.600"
PREFIX-0750-3000	3.000" (3)
PREFIX-0750-3100	3.100"
PREFIX-0750-3500	3.500" (3-1/2)
PREFIX-0750-4000	4.000" (4)
PREFIX-0750-4500	4.500" (4-1/2)
PREFIX-0750-5000	5.000" (5)
PREFIX-0750-5500	5.500" (5-1/2)
PREFIX-0750-6000	6.000" (6)
PREFIX-0750-6500	6.500" (6-1/2)
PREFIX-0750-7000	7.000" (7)
PREFIX-0750-8000	8.000" (8)
PREFIX-0750-8750	8.750" (8-3/4)

1 (1.000")	
(B) Outside Diameter: 1.000/.997"	
(D) Ball Height: .141" (9/64) .142/.135" Maximum Hole Diameter: 1.010"	
PREFIX-1000-2000	2.000" (2)
PREFIX-1000-2500	2.500" (2-1/2)
PREFIX-1000-2600	2.600"
PREFIX-1000-3000	3.000" (3)
PREFIX-1000-3500	3.500" (3-1/2)
PREFIX-1000-4000	4.000" (4)
PREFIX-1000-4500	4.500" (4-1/2)
PREFIX-1000-4800	4.800"
PREFIX-1000-5000	5.000" (5)
PREFIX-1000-5500	5.500" (5-1/2)
PREFIX-1000-6000	6.000" (6)
PREFIX-1000-6500	6.500" (6-1/2)
PREFIX-1000-7000	7.000" (7)
PREFIX-1000-8000	8.000" (8)

1-1/4 (1.250")	
(B) Outside Diameter: 1.250/1.247"	
(D) Ball Height: .141" (9/64) .145/.135" Maximum Hole Diameter: 1.260"	
PREFIX-1250-7000	7.000" (7)
PREFIX-1250-12500	12.500" (12-1/2)

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