



## ASME B18.8.2

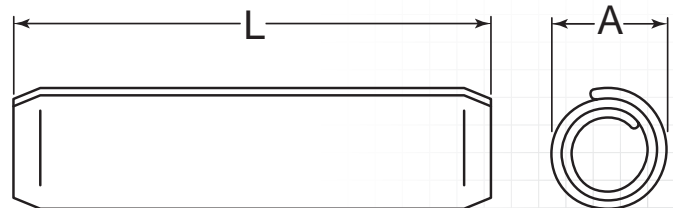
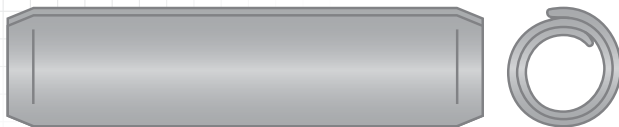
## COILED – STANDARD DUTY, IMPERIAL

### DESCRIPTION

Sometimes referred to as spiral pins, coiled pins are rolled forms made with 2-1/4 turns of steel. The wound design allows stress to be evenly distributed throughout the pin's cross section.

### HOW TO IDENTIFY

1. Verify rolled pin with 2-1/4 turns.
2. Measure diameter (A).
3. Measure length (L).
4. Find the part in the chart below.



ADDITIONAL SIZES AND FINISHES  
MAY BE AVAILABLE UPON REQUEST

### PREFIX MATERIAL/FINISH

- SPC** = DIA. < 5/8" HIGH CARBON STEEL, PLAIN\*;  
          >= 5/8" ALLOY CARBON STEEL, PLAIN\*
- SPCP** = DIA. < 5/8" HIGH CARBON STEEL, PHOSPHATE;  
          >= 5/8" ALLOY CARBON STEEL, PHOSPHATE
- SPCZ** = DIA. < 5/8" HIGH CARBON STEEL, ZINC CLEAR;  
          >= 5/8" ALLOY CARBON STEEL, ZINC CLEAR

- SPC3P** = 302/304 STAINLESS  
          STEEL, PASSIVATED
- SPC6P** = 420 STAINLESS STEEL,  
          PASSIVATED

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

ITEM NUMBER	(L) OVERALL LENGTH
-------------	-----------------------

### 1/32 (.031")

(A) Outside Diameter: +.004/+ .002"

Recommended Hole Diameter: .031-.032"

	+ .010/- .010"
PREFIX-031-0125	.125" (1/8)
PREFIX-031-0187	.188" (3/16)
PREFIX-031-0250	.250" (1/4)
PREFIX-031-0312	.313" (5/16)
PREFIX-031-0375	.375" (3/8)
PREFIX-031-0437	.438" (7/16)
PREFIX-031-0500	.500" (1/2)
PREFIX-031-0562	.563" (9/16)
PREFIX-031-0625	.625" (5/8)

### 3/64 (.047")

(A) Outside Diameter: +.005/+ .002"

Recommended Hole Diameter: .047-.048"

	+ .010/- .010"
PREFIX-046-0125	.125" (1/8)
PREFIX-046-0187	.188" (3/16)
PREFIX-046-0250	.250" (1/4)
PREFIX-046-0312	.313" (5/16)
PREFIX-046-0375	.375" (3/8)
PREFIX-046-0437	.438" (7/16)

ITEM NUMBER	(L) OVERALL LENGTH
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PREFIX-046-0500	.500" (1/2)
PREFIX-046-0562	.563" (9/16)
PREFIX-046-0625	.625" (5/8)

### 1/16 (.063")

(A) Outside Diameter: +.010/+ .005"

Recommended Hole Diameter: .061-.065"

	+ .010/- .010"
PREFIX-062-0187	.188" (3/16)
PREFIX-062-0250	.250" (1/4)
PREFIX-062-0312	.313" (5/16)
PREFIX-062-0375	.375" (3/8)
PREFIX-062-0437	.438" (7/16)
PREFIX-062-0500	.500" (1/2)
PREFIX-062-0562	.563" (9/16)
PREFIX-062-0625	.625" (5/8)
PREFIX-062-0687	.688" (11/16)
PREFIX-062-0750	.750" (3/4)
PREFIX-062-0812	.813" (13/16)
PREFIX-062-0875	.875" (7/8)
PREFIX-062-0937	.938" (15/16)
PREFIX-062-1000	1.000" (1)
PREFIX-062-1125	1.125" (1-1/8)
PREFIX-062-1250	1.250" (1-1/4)

ITEM NUMBER	(L) OVERALL LENGTH
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### 5/64 (.078")

(A) Outside Diameter: +.010/+ .005"

Recommended Hole Diameter: .077-.081"

	+ .010/- .010"
PREFIX-078-0187	.188" (3/16)
PREFIX-078-0250	.250" (1/4)
PREFIX-078-0312	.313" (5/16)
PREFIX-078-0375	.375" (3/8)
PREFIX-078-0437	.438" (7/16)
PREFIX-078-0500	.500" (1/2)
PREFIX-078-0562	.563" (9/16)
PREFIX-078-0625	.625" (5/8)
PREFIX-078-0687	.688" (11/16)
PREFIX-078-0750	.750" (3/4)
PREFIX-078-0812	.813" (13/16)
PREFIX-078-0875	.875" (7/8)
PREFIX-078-0937	.938" (15/16)
PREFIX-078-1000	1.000" (1)
PREFIX-078-1125	1.125" (1-1/8)
PREFIX-078-1250	1.250" (1-1/4)
PREFIX-078-1375	1.375" (1-3/8)
PREFIX-078-1500	1.500" (1-1/2)

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\*Limited warranty for surface finish: 30 days from date of shipment. See page 8 for details.

# SPRING PINS

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**COILED** – STANDARD DUTY, IMPERIAL

**ASME B18.8.2**

ITEM NUMBER	(L) OVERALL LENGTH
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## 3/32 (.094")

(A) Outside Diameter: +.011/+0.005"

Recommended Hole Diameter: .093-.097"

	(L) OVERALL LENGTH
	+.010/-0.010"
PREFIX-093-0187	.188" (3/16)
PREFIX-093-0250	.250" (1/4)
PREFIX-093-0312	.313" (5/16)
PREFIX-093-0375	.375" (3/8)
PREFIX-093-0437	.438" (7/16)
PREFIX-093-0500	.500" (1/2)
PREFIX-093-0562	.563" (9/16)
PREFIX-093-0625	.625" (5/8)
PREFIX-093-0687	.688" (11/16)
PREFIX-093-0750	.750" (3/4)
PREFIX-093-0812	.813" (13/16)
PREFIX-093-0875	.875" (7/8)
PREFIX-093-0937	.938" (15/16)
PREFIX-093-1000	1.000" (1)
PREFIX-093-1125	1.125" (1-1/8)
PREFIX-093-1250	1.250" (1-1/4)
PREFIX-093-1375	1.375" (1-3/8)
PREFIX-093-1500	1.500" (1-1/2)
PREFIX-093-1625	1.625" (1-5/8)
PREFIX-093-1750	1.750" (1-3/4)

## 7/64 (.109")

(A) Outside Diameter: +.011/+0.005"

Recommended Hole Diameter: .108-.112"

	(L) OVERALL LENGTH
	+.010/-0.010"
PREFIX-109-0250	.250" (1/4)
PREFIX-109-0312	.313" (5/16)
PREFIX-109-0375	.375" (3/8)
PREFIX-109-0437	.438" (7/16)
PREFIX-109-0500	.500" (1/2)
PREFIX-109-0562	.563" (9/16)
PREFIX-109-0625	.625" (5/8)
PREFIX-109-0750	.750" (3/4)
PREFIX-109-0875	.875" (7/8)
PREFIX-109-1000	1.000" (1)
PREFIX-109-1125	1.125" (1-1/8)
PREFIX-109-1250	1.250" (1-1/4)
PREFIX-109-1375	1.375" (1-3/8)
PREFIX-109-1500	1.500" (1-1/2)
PREFIX-109-1625	1.625" (1-5/8)
PREFIX-109-1750	1.750" (1-3/4)

## 1/8 (.125")

(A) Outside Diameter: +.013/+0.006"

Recommended Hole Diameter: .124-.129"

	(L) OVERALL LENGTH
	+.010/-0.010"
PREFIX-125-0250	.250" (1/4)
PREFIX-125-0312	.313" (5/16)

ITEM NUMBER	(L) OVERALL LENGTH
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PREFIX-125-0375	.375" (3/8)
PREFIX-125-0437	.438" (7/16)
PREFIX-125-0500	.500" (1/2)
PREFIX-125-0562	.563" (9/16)
PREFIX-125-0625	.625" (5/8)
PREFIX-125-0687	.688" (11/16)
PREFIX-125-0750	.750" (3/4)
PREFIX-125-0812	.813" (13/16)
PREFIX-125-0875	.875" (7/8)
PREFIX-125-0937	.938" (15/16)
PREFIX-125-1000	1.000" (1)
PREFIX-125-1125	1.125" (1-1/8)
PREFIX-125-1250	1.250" (1-1/4)
PREFIX-125-1375	1.375" (1-3/8)
PREFIX-125-1500	1.500" (1-1/2)
PREFIX-125-1625	1.625" (1-5/8)
PREFIX-125-1750	1.750" (1-3/4)
PREFIX-125-1875	1.875" (1-7/8)
PREFIX-125-2000	2.000" (2)

## 5/32 (.156")

(A) Outside Diameter: +.015/+0.007"

Recommended Hole Diameter: .155-.160"

	(L) OVERALL LENGTH
	+.010/-0.010"
PREFIX-156-0312	.313" (5/16)
PREFIX-156-0375	.375" (3/8)
PREFIX-156-0437	.438" (7/16)
PREFIX-156-0500	.500" (1/2)
PREFIX-156-0562	.563" (9/16)
PREFIX-156-0625	.625" (5/8)
PREFIX-156-0687	.688" (11/16)
PREFIX-156-0750	.750" (3/4)
PREFIX-156-0812	.813" (13/16)
PREFIX-156-0875	.875" (7/8)
PREFIX-156-0937	.938" (15/16)
PREFIX-156-1000	1.000" (1)
PREFIX-156-1125	1.125" (1-1/8)
PREFIX-156-1250	1.250" (1-1/4)
PREFIX-156-1375	1.375" (1-3/8)
PREFIX-156-1500	1.500" (1-1/2)
PREFIX-156-1625	1.625" (1-5/8)
PREFIX-156-1750	1.750" (1-3/4)
PREFIX-156-1875	1.875" (1-7/8)
PREFIX-156-2000	2.000" (2)
	+.015/-0.015"
PREFIX-156-2250	2.250" (2-1/4)
PREFIX-156-2500	2.500" (2-1/2)

## 3/16 (.188")

(A) Outside Diameter: +.018/+0.009"

Recommended Hole Diameter: .185-.192"

	(L) OVERALL LENGTH
	+.010/-0.010"
PREFIX-187-0375	.375" (3/8)

ITEM NUMBER	(L) OVERALL LENGTH
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PREFIX-187-0437	.438" (7/16)
PREFIX-187-0500	.500" (1/2)
PREFIX-187-0562	.563" (9/16)
PREFIX-187-0625	.625" (5/8)
PREFIX-187-0687	.688" (11/16)
PREFIX-187-0750	.750" (3/4)
PREFIX-187-0812	.813" (13/16)
PREFIX-187-0875	.875" (7/8)
PREFIX-187-0937	.938" (15/16)
PREFIX-187-1000	1.000" (1)
PREFIX-187-1125	1.125" (1-1/8)
PREFIX-187-1250	1.250" (1-1/4)
PREFIX-187-1375	1.375" (1-3/8)
PREFIX-187-1500	1.500" (1-1/2)
PREFIX-187-1625	1.625" (1-5/8)
PREFIX-187-1750	1.750" (1-3/4)
PREFIX-187-1875	1.875" (1-7/8)
PREFIX-187-2000	2.000" (2)
	+.015/-0.015"
PREFIX-187-2250	2.250" (2-1/4)
PREFIX-187-2500	2.500" (2-1/2)

## 7/32 (.219")

(A) Outside Diameter: +.019/+0.009"

Recommended Hole Diameter: .217-.224"

	(L) OVERALL LENGTH
	+.010/-0.010"
PREFIX-218-0500	.500" (1/2)
PREFIX-218-0562	.563" (9/16)
PREFIX-218-0625	.625" (5/8)
PREFIX-218-0687	.688" (11/16)
PREFIX-218-0750	.750" (3/4)
PREFIX-218-0812	.813" (13/16)
PREFIX-218-0875	.875" (7/8)
PREFIX-218-0937	.938" (15/16)
PREFIX-218-1000	1.000" (1)
PREFIX-218-1125	1.125" (1-1/8)
PREFIX-218-1250	1.250" (1-1/4)
PREFIX-218-1375	1.375" (1-3/8)
PREFIX-218-1500	1.500" (1-1/2)
PREFIX-218-1625	1.625" (1-5/8)
PREFIX-218-1750	1.750" (1-3/4)
PREFIX-218-1875	1.875" (1-7/8)
PREFIX-218-2000	2.000" (2)
	+.015/-0.015"
PREFIX-218-2250	2.250" (2-1/4)
PREFIX-218-2500	2.500" (2-1/2)
PREFIX-218-2750	2.750" (2-3/4)
PREFIX-218-3000	3.000" (3)

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## COILED – STANDARD DUTY, IMPERIAL

ITEM NUMBER	(L) OVERALL LENGTH
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<b>1/4 (.250")</b> (A) Outside Diameter: +.021/+.010"	
Recommended Hole Diameter: .247-.256"	
	+ .010/-.010"
PREFIX-250-0500	.500" (1/2)
PREFIX-250-0562	.563" (9/16)
PREFIX-250-0625	.625" (5/8)
PREFIX-250-0687	.688" (11/16)
PREFIX-250-0750	.750" (3/4)
PREFIX-250-0812	.813" (13/16)
PREFIX-250-0875	.875" (7/8)
PREFIX-250-0937	.938" (15/16)
PREFIX-250-1000	1.000" (1)
PREFIX-250-1125	1.125" (1-1/8)
PREFIX-250-1250	1.250" (1-1/4)
PREFIX-250-1375	1.375" (1-3/8)
PREFIX-250-1500	1.500" (1-1/2)
PREFIX-250-1625	1.625" (1-5/8)
PREFIX-250-1750	1.750" (1-3/4)
PREFIX-250-1875	1.875" (1-7/8)
PREFIX-250-2000	2.000" (2)
	+ .015/-.015"
PREFIX-250-2250	2.250" (2-1/4)
PREFIX-250-2500	2.500" (2-1/2)
PREFIX-250-2750	2.750" (2-3/4)
PREFIX-250-3000	3.000" (3)
	+ .025/-.025"
PREFIX-250-3250	3.250" (3-1/4)
PREFIX-250-3500	3.500" (3-1/2)

<b>5/16 (.313")</b> (A) Outside Diameter: +.025/+.012"	
Recommended Hole Diameter: .308-.319"	
	+ .010/-.010"
PREFIX-312-0625	.625" (5/8)
PREFIX-312-0750	.750" (3/4)
PREFIX-312-0812	.813" (13/16)
PREFIX-312-0875	.875" (7/8)
PREFIX-312-0937	.938" (15/16)
PREFIX-312-1000	1.000" (1)
PREFIX-312-1125	1.125" (1-1/8)
PREFIX-312-1250	1.250" (1-1/4)
PREFIX-312-1375	1.375" (1-3/8)
PREFIX-312-1500	1.500" (1-1/2)
PREFIX-312-1625	1.625" (1-5/8)
PREFIX-312-1750	1.750" (1-3/4)
PREFIX-312-1875	1.875" (1-7/8)
PREFIX-312-2000	2.000" (2)
	+ .015/-.015"
PREFIX-312-2250	2.250" (2-1/4)
PREFIX-312-2500	2.500" (2-1/2)
PREFIX-312-2750	2.750" (2-3/4)

ITEM NUMBER	(L) OVERALL LENGTH
PREFIX-312-3000	3.000" (3) + .025/-.025"
PREFIX-312-3250	3.250" (3-1/4)
PREFIX-312-3500	3.500" (3-1/2)
PREFIX-312-3750	3.750" (3-3/4)
PREFIX-312-4000	4.000" (4)

<b>3/8 (.375")</b> (A) Outside Diameter: +.028/+.013"	
Recommended Hole Diameter: .370-.383"	
	+ .010/-.010"
PREFIX-375-0750	.750" (3/4)
PREFIX-375-0875	.875" (7/8)
PREFIX-375-1000	1.000" (1)
PREFIX-375-1125	1.125" (1-1/8)
PREFIX-375-1250	1.250" (1-1/4)
PREFIX-375-1375	1.375" (1-3/8)
PREFIX-375-1500	1.500" (1-1/2)
PREFIX-375-1625	1.625" (1-5/8)
PREFIX-375-1750	1.750" (1-3/4)
PREFIX-375-1875	1.875" (1-7/8)
PREFIX-375-2000	2.000" (2)
	+ .015/-.015"
PREFIX-375-2250	2.250" (2-1/4)
PREFIX-375-2500	2.500" (2-1/2)
PREFIX-375-2750	2.750" (2-3/4)
PREFIX-375-3000	3.000" (3)
	+ .025/-.025"
PREFIX-375-3250	3.250" (3-1/4)
PREFIX-375-3500	3.500" (3-1/2)
PREFIX-375-3750	3.750" (3-3/4)
PREFIX-375-4000	4.000" (4)

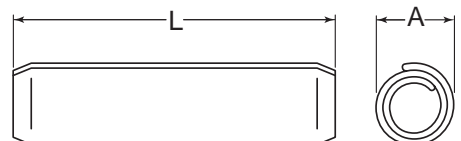
<b>7/16 (.438")</b> (A) Outside Diameter: +.032/+.015"	
Recommended Hole Diameter: .431-.446"	
	+ .010/-.010"
PREFIX-437-1000	1.000" (1)
PREFIX-437-1250	1.250" (1-1/4)
PREFIX-437-1500	1.500" (1-1/2)
PREFIX-437-1750	1.750" (1-3/4)
PREFIX-437-1875	1.875" (1-7/8)
PREFIX-437-2000	2.000" (2)
	+ .015/-.015"
PREFIX-437-2250	2.250" (2-1/4)
PREFIX-437-2500	2.500" (2-1/2)
PREFIX-437-2750	2.750" (2-3/4)
PREFIX-437-3000	3.000" (3)
	+ .025/-.025"
PREFIX-437-3250	3.250" (3-1/4)
PREFIX-437-3500	3.500" (3-1/2)
PREFIX-437-3750	3.750" (3-3/4)
PREFIX-437-4000	4.000" (4)

ITEM NUMBER	(L) OVERALL LENGTH
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<b>1/2 (.500")</b> (A) Outside Diameter: +.035/+.016"	
Recommended Hole Diameter: .493-.510"	
	+ .025/-.025"
PREFIX-500-1250	1.250" (1-1/4)
PREFIX-500-1500	1.500" (1-1/2)
PREFIX-500-1625	1.625" (1-5/8)
PREFIX-500-1750	1.750" (1-3/4)
PREFIX-500-1875	1.875" (1-7/8)
PREFIX-500-2000	2.000" (2)
PREFIX-500-2250	2.250" (2-1/4)
PREFIX-500-2500	2.500" (2-1/2)
PREFIX-500-2750	2.750" (2-3/4)
PREFIX-500-3000	3.000" (3)
PREFIX-500-3250	3.250" (3-1/4)
PREFIX-500-3500	3.500" (3-1/2)
PREFIX-500-3750	3.750" (3-3/4)
PREFIX-500-4000	4.000" (4)
PREFIX-500-4750	4.750" (4-3/4)
PREFIX-500-5000	5.000" (5)

<b>5/8 (.625")</b> (A) Outside Diameter: +.036/+.017"	
Recommended Hole Diameter: .618-.635"	
	+ .025/-.025"
PREFIX-625-0500	.500" (1/2)
PREFIX-625-1000	1.000" (1)
PREFIX-625-1750	1.750" (1-3/4)
PREFIX-625-2000	2.000" (2)
PREFIX-625-3000	3.000" (3)
PREFIX-625-3250	3.250" (3-1/4)
PREFIX-625-4000	4.000" (4)
PREFIX-625-4250	4.250" (4-1/4)
PREFIX-625-5000	5.000" (5)
PREFIX-625-5250	5.250" (5-1/4)

<b>3/4 (.750")</b> (A) Outside Diameter: +.037/+.018"	
Recommended Hole Diameter: .743-.760"	
	+ .025/-.025"
PREFIX-750-1500	1.500" (1-1/2)
PREFIX-750-2000	2.000" (2)
PREFIX-750-3000	3.000" (3)
PREFIX-750-4000	4.000" (4)



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