



ASME B18.8.2

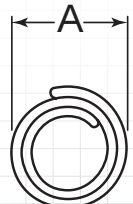
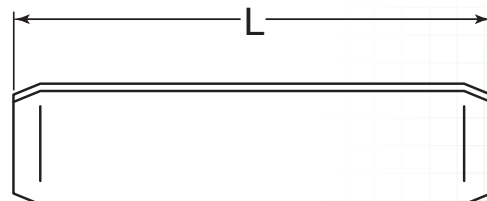
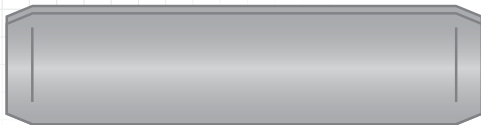
COILED – HEAVY DUTY, IMPERIAL

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. Heavy duty pins are made with thicker material.

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.



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

Heavy duty identified by "H" at end of item number.
 Material/finish combinations may not be available in all sizes.

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

1/16 (.063") (A) Outside Diameter: +.008/+.004"	
Recommended Hole Diameter: .061-.065"	
	+.010/-.010"
PREFIX-062-0187H	.188" (3/16)
PREFIX-062-0250H	.250" (1/4)
PREFIX-062-0312H	.313" (5/16)
PREFIX-062-0375H	.375" (3/8)
PREFIX-062-0437H	.438" (7/16)
PREFIX-062-0500H	.500" (1/2)
PREFIX-062-0562H	.563" (9/16)
PREFIX-062-0625H	.625" (5/8)
PREFIX-062-0687H	.688" (11/16)
PREFIX-062-0750H	.750" (3/4)
PREFIX-062-0812H	.813" (13/16)
PREFIX-062-0875H	.875" (7/8)
PREFIX-062-0937H	.938" (15/16)
PREFIX-062-1000H	1.000" (1)

ITEM NUMBER	(L) OVERALL LENGTH
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5/64 (.078") (A) Outside Diameter: +.008/+.004"	
Recommended Hole Diameter: .077-.081"	
	+.010/-.010"
PREFIX-078-0187H	.188" (3/16)
PREFIX-078-0250H	.250" (1/4)
PREFIX-078-0312H	.313" (5/16)
PREFIX-078-0375H	.375" (3/8)
PREFIX-078-0437H	.438" (7/16)
PREFIX-078-0500H	.500" (1/2)
PREFIX-078-0562H	.563" (9/16)
PREFIX-078-0625H	.625" (5/8)
PREFIX-078-0750H	.750" (3/4)
PREFIX-078-0875H	.875" (7/8)
PREFIX-078-1000H	1.000" (1)
PREFIX-078-1125H	1.125" (1-1/8)
PREFIX-078-1250H	1.250" (1-1/4)
PREFIX-078-1375H	1.375" (1-3/8)
PREFIX-078-1500H	1.500" (1-1/2)

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

3/32 (.094") (A) Outside Diameter: +.008/+.004"	
Recommended Hole Diameter: .093-.097"	
	+.010/-.010"
PREFIX-093-0187H	.188" (3/16)
PREFIX-093-0250H	.250" (1/4)
PREFIX-093-0312H	.313" (5/16)
PREFIX-093-0375H	.375" (3/8)
PREFIX-093-0437H	.438" (7/16)
PREFIX-093-0500H	.500" (1/2)
PREFIX-093-0562H	.563" (9/16)
PREFIX-093-0625H	.625" (5/8)
PREFIX-093-0750H	.750" (3/4)
PREFIX-093-0875H	.875" (7/8)
PREFIX-093-1000H	1.000" (1)
PREFIX-093-1125H	1.125" (1-1/8)
PREFIX-093-1250H	1.250" (1-1/4)
PREFIX-093-1375H	1.375" (1-3/8)
PREFIX-093-1500H	1.500" (1-1/2)

SPRING PINS

HUYETT.COM • 785-392-3017

BOX 232 • MINNEAPOLIS, KS • 67467
SALES@HUYETT.COM • FAX 785-392-2845

COILED – HEAVY DUTY, IMPERIAL

ASME B18.8.2

ITEM NUMBER	(L) OVERALL LENGTH
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7/64 (.109")

(A) Outside Diameter: $\pm .008/\pm .004$ "

Recommended Hole Diameter: $\pm .108\text{--}.112$ "

$\pm .010/\pm .010$ "

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

1/8 (.125")

(A) Outside Diameter: $\pm .011/\pm .005$ "

Recommended Hole Diameter: $\pm .124\text{--}.129$ "

$\pm .010/\pm .010$ "

PREFIX-125-0250H	.250" (1/4)
PREFIX-125-0312H	.313" (5/16)
PREFIX-125-0375H	.375" (3/8)
PREFIX-125-0437H	.438" (7/16)
PREFIX-125-0500H	.500" (1/2)
PREFIX-125-0562H	.563" (9/16)
PREFIX-125-0625H	.625" (5/8)
PREFIX-125-0687H	.688" (11/16)
PREFIX-125-0750H	.750" (3/4)
PREFIX-125-0875H	.875" (7/8)
PREFIX-125-1000H	1.000" (1)
PREFIX-125-1125H	1.125" (1-1/8)
PREFIX-125-1250H	1.250" (1-1/4)
PREFIX-125-1375H	1.375" (1-3/8)
PREFIX-125-1500H	1.500" (1-1/2)
PREFIX-125-1625H	1.625" (1-5/8)
PREFIX-125-1750H	1.750" (1-3/4)
PREFIX-125-1875H	1.875" (1-7/8)
PREFIX-125-2000H	2.000" (2)

5/32 (.156")

(A) Outside Diameter: $\pm .011/\pm .005$ "

Recommended Hole Diameter: $\pm .155\text{--}.160$ "

$\pm .010/\pm .010$ "

PREFIX-156-0312H	.313" (5/16)
PREFIX-156-0375H	.375" (3/8)
PREFIX-156-0437H	.438" (7/16)

ITEM NUMBER	(L) OVERALL LENGTH
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PREFIX-156-0500H	.500" (1/2)
PREFIX-156-0562H	.563" (9/16)
PREFIX-156-0625H	.625" (5/8)
PREFIX-156-0750H	.750" (3/4)
PREFIX-156-0875H	.875" (7/8)
PREFIX-156-1000H	1.000" (1)
PREFIX-156-1125H	1.125" (1-1/8)
PREFIX-156-1250H	1.250" (1-1/4)
PREFIX-156-1375H	1.375" (1-3/8)
PREFIX-156-1500H	1.500" (1-1/2)
PREFIX-156-1625H	1.625" (1-5/8)
PREFIX-156-1750H	1.750" (1-3/4)
PREFIX-156-1875H	1.875" (1-7/8)
PREFIX-156-2000H	2.000" (2)

$\pm .015/\pm .015$ "

PREFIX-156-2250H	2.250" (2-1/4)
PREFIX-156-2500H	2.500" (2-1/2)

3/16 (.188")

(A) Outside Diameter: $\pm .015/\pm .007$ "

Recommended Hole Diameter: $\pm .185\text{--}.192$ "

$\pm .010/\pm .010$ "

PREFIX-187-0375H	.375" (3/8)
PREFIX-187-0437H	.438" (7/16)
PREFIX-187-0500H	.500" (1/2)
PREFIX-187-0562H	.563" (9/16)
PREFIX-187-0625H	.625" (5/8)
PREFIX-187-0750H	.750" (3/4)
PREFIX-187-0875H	.875" (7/8)
PREFIX-187-1000H	1.000" (1)
PREFIX-187-1125H	1.125" (1-1/8)
PREFIX-187-1250H	1.250" (1-1/4)
PREFIX-187-1375H	1.375" (1-3/8)
PREFIX-187-1500H	1.500" (1-1/2)
PREFIX-187-1625H	1.625" (1-5/8)
PREFIX-187-1750H	1.750" (1-3/4)
PREFIX-187-1875H	1.875" (1-7/8)
PREFIX-187-2000H	2.000" (2)

$\pm .015/\pm .015$ "

PREFIX-187-2250H	2.250" (2-1/4)
PREFIX-187-2500H	2.500" (2-1/2)

7/32 (.219")

(A) Outside Diameter: $\pm .017/\pm .008$ "

Recommended Hole Diameter: $\pm .217\text{--}.224$ "

$\pm .010/\pm .010$ "

PREFIX-218-0500H	.500" (1/2)
PREFIX-218-0562H	.563" (9/16)
PREFIX-218-0625H	.625" (5/8)
PREFIX-218-0750H	.750" (3/4)
PREFIX-218-0875H	.875" (7/8)
PREFIX-218-1000H	1.000" (1)
PREFIX-218-1125H	1.125" (1-1/8)

ITEM NUMBER	(L) OVERALL LENGTH
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PREFIX-218-1250H	1.250" (1-1/4)
PREFIX-218-1375H	1.375" (1-3/8)
PREFIX-218-1500H	1.500" (1-1/2)
PREFIX-218-1625H	1.625" (1-5/8)
PREFIX-218-1750H	1.750" (1-3/4)
PREFIX-218-1875H	1.875" (1-7/8)
PREFIX-218-2000H	2.000" (2)

$\pm .015/\pm .015$ "

PREFIX-218-2250H	2.250" (2-1/4)
PREFIX-218-2500H	2.500" (2-1/2)
PREFIX-218-2750H	2.750" (2-3/4)
PREFIX-218-3000H	3.000" (3)

1/4 (.250")

(A) Outside Diameter: $\pm .018/\pm .008$ "

Recommended Hole Diameter: $\pm .247\text{--}.256$ "

$\pm .010/\pm .010$ "

PREFIX-250-0500H	.500" (1/2)
PREFIX-250-0562H	.563" (9/16)
PREFIX-250-0625H	.625" (5/8)
PREFIX-250-0750H	.750" (3/4)
PREFIX-250-0875H	.875" (7/8)
PREFIX-250-1000H	1.000" (1)
PREFIX-250-1125H	1.125" (1-1/8)
PREFIX-250-1250H	1.250" (1-1/4)
PREFIX-250-1375H	1.375" (1-3/8)
PREFIX-250-1500H	1.500" (1-1/2)
PREFIX-250-1625H	1.625" (1-5/8)
PREFIX-250-1750H	1.750" (1-3/4)
PREFIX-250-1875H	1.875" (1-7/8)
PREFIX-250-2000H	2.000" (2)

$\pm .015/\pm .015$ "

PREFIX-250-2250H	2.250" (2-1/4)
PREFIX-250-2500H	2.500" (2-1/2)
PREFIX-250-2750H	2.750" (2-3/4)
PREFIX-250-3000H	3.000" (3)

$\pm .025/\pm .025$ "

PREFIX-250-3250H	3.250" (3-1/4)
PREFIX-250-3500H	3.500" (3-1/2)

5/16 (.313")

(A) Outside Diameter: $\pm .022/\pm .010$ "

Recommended Hole Diameter: $\pm .308\text{--}.319$ "

$\pm .010/\pm .010$ "

PREFIX-312-0625H	.625" (5/8)
PREFIX-312-0750H	.750" (3/4)
PREFIX-312-0875H	.875" (7/8)
PREFIX-312-1000H	1.000" (1)
PREFIX-312-1125H	1.125" (1-1/8)
PREFIX-312-1250H	1.250" (1-1/4)
PREFIX-312-1375H	1.375" (1-3/8)
PREFIX-312-1500H	1.500" (1-1/2)
PREFIX-312-1625H	1.625" (1-5/8)

FOR DETAILED SPECIFICATIONS AND TOLERANCES, VISIT HUYETT.COM.

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



ASME B18.8.2

COILED – HEAVY DUTY, IMPERIAL

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

Heavy duty identified by "H" at end of item number.
Material/finish combinations may not be available in all sizes.

ITEM NUMBER	(L) OVERALL LENGTH
PREFIX-312-1750H	1.750" (1-3/4)
PREFIX-312-1875H	1.875" (1-7/8)
PREFIX-312-2000H	2.000" (2)
	+ .015/- .015"
PREFIX-312-2250H	2.250" (2-1/4)
PREFIX-312-2500H	2.500" (2-1/2)
PREFIX-312-2750H	2.750" (2-3/4)
PREFIX-312-3000H	3.000" (3)
	+ .025/- .025"
PREFIX-312-3250H	3.250" (3-1/4)
PREFIX-312-3500H	3.500" (3-1/2)
PREFIX-312-3750H	3.750" (3-3/4)
PREFIX-312-4000H	4.000" (4)

3/8 (.375")	
(A) Outside Diameter: +.025/+ .011"	
Recommended Hole Diameter: .370-.383"	
	+ .010/- .010"
PREFIX-375-0750H	.750" (3/4)
PREFIX-375-0875H	.875" (7/8)
PREFIX-375-1000H	1.000" (1)
PREFIX-375-1125H	1.125" (1-1/8)
PREFIX-375-1250H	1.250" (1-1/4)
PREFIX-375-1375H	1.375" (1-3/8)
PREFIX-375-1500H	1.500" (1-1/2)
PREFIX-375-1625H	1.625" (1-5/8)
PREFIX-375-1750H	1.750" (1-3/4)
PREFIX-375-1875H	1.875" (1-7/8)
PREFIX-375-2000H	2.000" (2)
	+ .015/- .015"
PREFIX-375-2250H	2.250" (2-1/4)
PREFIX-375-2500H	2.500" (2-1/2)
PREFIX-375-2750H	2.750" (2-3/4)
PREFIX-375-3000H	3.000" (3)
	+ .025/- .025"
PREFIX-375-3250H	3.250" (3-1/4)
PREFIX-375-3500H	3.500" (3-1/2)
PREFIX-375-3750H	3.750" (3-3/4)
PREFIX-375-4000H	4.000" (4)

ITEM NUMBER	(L) OVERALL LENGTH
7/16 (.438")	
(A) Outside Diameter: +.029/+ .013"	
Recommended Hole Diameter: .431-.446"	
	+ .010/- .010"
PREFIX-437-1000H	1.000" (1)
PREFIX-437-1250H	1.250" (1-1/4)
PREFIX-437-1500H	1.500" (1-1/2)
PREFIX-437-1750H	1.750" (1-3/4)
PREFIX-437-1875H	1.875" (1-7/8)
PREFIX-437-2000H	2.000" (2)
	+ .015/- .015"
PREFIX-437-2250H	2.250" (2-1/4)
PREFIX-437-2500H	2.500" (2-1/2)
PREFIX-437-2750H	2.750" (2-3/4)
PREFIX-437-3000H	3.000" (3)
	+ .025/- .025"
PREFIX-437-3250H	3.250" (3-1/4)
PREFIX-437-3500H	3.500" (3-1/2)
PREFIX-437-3750H	3.750" (3-3/4)
PREFIX-437-4000H	4.000" (4)

1/2 (.500")	
(A) Outside Diameter: +.032/+ .014"	
Recommended Hole Diameter: .493-.510"	
	+ .025/- .025"
PREFIX-500-1250H	1.250" (1-1/4)
PREFIX-500-1500H	1.500" (1-1/2)
PREFIX-500-1625H	1.625" (1-5/8)
PREFIX-500-1750H	1.750" (1-3/4)
PREFIX-500-1875H	1.875" (1-7/8)
PREFIX-500-2000H	2.000" (2)
PREFIX-500-2250H	2.250" (2-1/4)
PREFIX-500-2500H	2.500" (2-1/2)
PREFIX-500-2750H	2.750" (2-3/4)
PREFIX-500-3000H	3.000" (3)
PREFIX-500-3250H	3.250" (3-1/4)
PREFIX-500-3500H	3.500" (3-1/2)
PREFIX-500-3750H	3.750" (3-3/4)
PREFIX-500-4000H	4.000" (4)
PREFIX-500-4750H	4.750" (4-3/4)

ITEM NUMBER	(L) OVERALL LENGTH
5/8 (.625")	
(A) Outside Diameter: +.033/+ .015"	
Recommended Hole Diameter: .618-.635"	
	+ .025/- .025"
PREFIX-625-1500H	1.500" (1-1/2)
PREFIX-625-1625H	1.625" (1-5/8)
PREFIX-625-1750H	1.750" (1-3/4)
PREFIX-625-1875H	1.875" (1-7/8)
PREFIX-625-2000H	2.000" (2)
PREFIX-625-2250H	2.250" (2-1/4)
PREFIX-625-2500H	2.500" (2-1/2)
PREFIX-625-2750H	2.750" (2-3/4)
PREFIX-625-3000H	3.000" (3)
PREFIX-625-3250H	3.250" (3-1/4)
PREFIX-625-3500H	3.500" (3-1/2)
PREFIX-625-3750H	3.750" (3-3/4)
PREFIX-625-4000H	4.000" (4)
PREFIX-625-4500H	4.500" (4-1/2)
PREFIX-625-5000H	5.000" (5)
PREFIX-625-5250H	5.250" (5-1/4)
PREFIX-625-5500H	5.500" (5-1/2)
PREFIX-625-5750H	5.750" (5-3/4)
PREFIX-625-6000H	6.000" (6)

3/4 (.750")	
(A) Outside Diameter: +.034/+ .016"	
Recommended Hole Diameter: .743-.760"	
	+ .025/- .025"
PREFIX-750-1875H	1.875" (1-7/8)
PREFIX-750-2000H	2.000" (2)
PREFIX-750-2250H	2.250" (2-1/4)
PREFIX-750-2500H	2.500" (2-1/2)
PREFIX-750-2750H	2.750" (2-3/4)
PREFIX-750-3000H	3.000" (3)
PREFIX-750-3250H	3.250" (3-1/4)
PREFIX-750-3500H	3.500" (3-1/2)
PREFIX-750-3750H	3.750" (3-3/4)
PREFIX-750-4000H	4.000" (4)
PREFIX-750-4500H	4.500" (4-1/2)
PREFIX-750-5000H	5.000" (5)
PREFIX-750-5250H	5.250" (5-1/4)
PREFIX-750-5500H	5.500" (5-1/2)
PREFIX-750-5750H	5.750" (5-3/4)
PREFIX-750-6000H	6.000" (6)

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