ASME B18.8.2 COILED – LIGHT DUTY, IMPERIAL

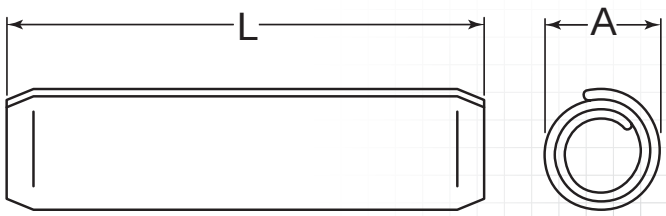
DESCRIPTION

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. Light duty pins are made from thinner walled 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.





ADDITIONAL SIZES AND FINISHES MAY BE AVAILABLE UPON REQUEST

PREFIX MATERIAL/FINISH

Light duty identified by "L" at end of item number.

SPC	=	HIGH CARBON STEEL, PLAIN*
SPCP	=	HIGH CARBON STEEL, PHOSPHATE
SPCZ	=	HIGH CARBON STEEL, ZINC CLEAR
SPC3P	=	302/304 STAINLESS STEEL, PASSIVATED
SPC9P	=	420 STAINLESS STEEL, PASSIVATED

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

1/16 (.063")

(A) Outside Diameter: +.011/+.005"

Recommended Hole Diameter: .061-.065"

ITEM NUMBER	(L) OVERALL LENGTH +.010/-.010"
PREFIX-062-0187L	.188" (3/16)
PREFIX-062-0250L	.250" (1/4)
PREFIX-062-0312L	.313" (5/16)
PREFIX-062-0375L	.375" (3/8)
PREFIX-062-0437L	.438" (7/16)
PREFIX-062-0500L	.500" (1/2)
PREFIX-062-0562L	.563" (9/16)
PREFIX-062-0625L	.625" (5/8)
PREFIX-062-0750L	.750" (3/4)
PREFIX-062-0875L	.875" (7/8)
PREFIX-062-1000L	1.000" (1)

5/64 (.078")

(A) Outside Diameter: +.011/+.005"

Recommended Hole Diameter: .077-.081"

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

3/32 (.094")

(A) Outside Diameter: +.012/+.005"

Recommended Hole Diameter: .093-.097"

ITEM NUMBER	(L) OVERALL LENGTH +.010/-.010"
PREFIX-093-0187L	.188" (3/16)
PREFIX-093-0250L	.250" (1/4)
PREFIX-093-0312L	.313" (5/16)
PREFIX-093-0375L	.375" (3/8)
PREFIX-093-0437L	.438" (7/16)
PREFIX-093-0500L	.500" (1/2)
PREFIX-093-0562L	.563" (9/16)
PREFIX-093-0625L	.625" (5/8)
PREFIX-093-0750L	.750" (3/4)
PREFIX-093-0875L	.875" (7/8)
PREFIX-093-1000L	1.000" (1)
PREFIX-093-1125L	1.125" (1-1/8)
PREFIX-093-1250L	1.250" (1-1/4)
PREFIX-093-1375L	1.375" (1-3/8)
PREFIX-093-1500L	1.500" (1-1/2)

7/64 (.109")

(A) Outside Diameter: +.011/+.005"

Recommended Hole Diameter: .108-.112"

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

FOR DETAILED SPECIFICATIONS AND TOLERANCES, VISIT HUYETT.COM.

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COILED – LIGHT DUTY, IMPERIAL

ASME B18.8.2

1/8 (.125")
(A) Outside Diameter: +.014/+.006"

Recommended Hole Diameter: .124-.129"

ITEM NUMBER	(L) OVERALL LENGTH
	+.010/-.010"
PREFIX-125-0250L	.250" (1/4)
PREFIX-125-0312L	.313" (5/16)
PREFIX-125-0375L	.375" (3/8)
PREFIX-125-0437L	.438" (7/16)
PREFIX-125-0500L	.500" (1/2)
PREFIX-125-0562L	.563" (9/16)
PREFIX-125-0625L	.625" (5/8)
PREFIX-125-0750L	.750" (3/4)
PREFIX-125-0875L	.875" (7/8)
PREFIX-125-1000L	1.000" (1)
PREFIX-125-1125L	1.125" (1-1/8)
PREFIX-125-1250L	1.250" (1-1/4)
PREFIX-125-1375L	1.375" (1-3/8)
PREFIX-125-1500L	1.500" (1-1/2)
PREFIX-125-1625L	1.625" (1-5/8)
PREFIX-125-1750L	1.750" (1-3/4)
PREFIX-125-1875L	1.875" (1-7/8)
PREFIX-125-2000L	2.000" (2)

5/32 (.156")
(A) Outside Diameter: +.016/+.007"

Recommended Hole Diameter: .155-.160"

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

3/16 (.188")
(A) Outside Diameter: +.020/+.009"

Recommended Hole Diameter: .185-.192"

ITEM NUMBER	(L) OVERALL LENGTH
	+.010/-.010"
PREFIX-187-0375L	.375" (3/8)
PREFIX-187-0437L	.438" (7/16)
PREFIX-187-0500L	.500" (1/2)
PREFIX-187-0562L	.563" (9/16)
PREFIX-187-0625L	.625" (5/8)
PREFIX-187-0750L	.750" (3/4)
PREFIX-187-0875L	.875" (7/8)
PREFIX-187-1000L	1.000" (1)
PREFIX-187-1125L	1.125" (1-1/8)
PREFIX-187-1250L	1.250" (1-1/4)
PREFIX-187-1375L	1.375" (1-3/8)
PREFIX-187-1500L	1.500" (1-1/2)
PREFIX-187-1625L	1.625" (1-5/8)
PREFIX-187-1750L	1.750" (1-3/4)
PREFIX-187-1875L	1.875" (1-7/8)
PREFIX-187-2000L	2.000" (2)
	+.015/-.015"
PREFIX-187-2250L	2.250" (2-1/4)
PREFIX-187-2500L	2.500" (2-1/2)

7/32 (.219")
(A) Outside Diameter: +.019/+.009"

Recommended Hole Diameter: .217-.224"

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

1/4 (.250")
(A) Outside Diameter: +.023/+.010"

Recommended Hole Diameter: .247-.256"

ITEM NUMBER	(L) OVERALL LENGTH
	+.010/-.010"
PREFIX-250-0500L	.500" (1/2)
PREFIX-250-0562L	.563" (9/16)
PREFIX-250-0625L	.625" (5/8)
PREFIX-250-0750L	.750" (3/4)
PREFIX-250-0875L	.875" (7/8)
PREFIX-250-1000L	1.000" (1)
PREFIX-250-1125L	1.125" (1-1/8)
PREFIX-250-1250L	1.250" (1-1/4)
PREFIX-250-1375L	1.375" (1-3/8)
PREFIX-250-1500L	1.500" (1-1/2)
PREFIX-250-1625L	1.625" (1-5/8)
PREFIX-250-1750L	1.750" (1-3/4)
PREFIX-250-1875L	1.875" (1-7/8)
PREFIX-250-2000L	2.000" (2)
	+.015/-.015"
PREFIX-250-2250L	2.250" (2-1/4)
PREFIX-250-2500L	2.500" (2-1/2)
PREFIX-250-2750L	2.750" (2-3/4)
PREFIX-250-3000L	3.000" (3)
PREFIX-250-3250L	3.250" (3-1/4)
PREFIX-250-3500L	3.500" (3-1/2)

5/16 (.313")
(A) Outside Diameter: +.024/+.011"

Recommended Hole Diameter: .308-.319"

ITEM NUMBER	(L) OVERALL LENGTH
	+.010/-.010"
PREFIX-312-0625L	.625" (5/8)
PREFIX-312-0750L	.750" (3/4)
PREFIX-312-0875L	.875" (7/8)
PREFIX-312-1000L	1.000" (1)
PREFIX-312-1125L	1.125" (1-1/8)
PREFIX-312-1250L	1.250" (1-1/4)
PREFIX-312-1375L	1.375" (1-3/8)
PREFIX-312-1500L	1.500" (1-1/2)
PREFIX-312-1625L	1.625" (1-5/8)
PREFIX-312-1750L	1.750" (1-3/4)
PREFIX-312-1875L	1.875" (1-7/8)
PREFIX-312-2000L	2.000" (2)
	+.015/-.015"
PREFIX-312-2250L	2.250" (2-1/4)
PREFIX-312-2500L	2.500" (2-1/2)
PREFIX-312-2750L	2.750" (2-3/4)
PREFIX-312-3000L	3.000" (3)
PREFIX-312-3250L	3.250" (3-1/4)
PREFIX-312-3500L	3.500" (3-1/2)
PREFIX-312-3750L	3.750" (3-3/4)
PREFIX-312-4000L	4.000" (4)

TO ORDER, REPLACE PREFIX WITH YOUR CHOICE:

SPC • SPCP • SPCZ • SPC3P • SPCSP

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