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COILED – STANDARD DUTY, METRIC

ASME B18.8.3M/ISO 8750

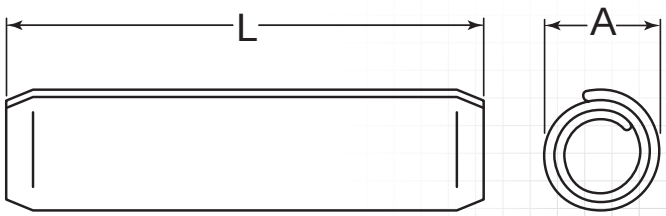
DESCRIPTION

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

SPCM = DIA. <16MM HIGH CARBON STEEL, PLAIN*; >=16MM ALLOY CARBON STEEL, PLAIN*

SPCMP = DIA. <16MM HIGH CARBON STEEL, PHOSPHATE; >=16MM ALLOY CARBON STEEL, PHOSPHATE

SPCMZ = DIA. <16MM HIGH CARBON STEEL, ZINC CLEAR; >=16MM ALLOY CARBON STEEL, ZINC CLEAR

SPCM3P = 302/304 STAINLESS STEEL, PASSIVATED

SPCM5P = 420 STAINLESS STEEL, PASSIVATED

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

0.80 mm
(A) Outside Diameter: +0.11/+0.05 mm

ITEM NUMBER	(L) OVERALL LENGTH
	+0.25/-0.25 mm
PREFIX-008-004	4.00 mm
PREFIX-008-005	5.00 mm
PREFIX-008-006	6.00 mm
PREFIX-008-008	8.00 mm
PREFIX-008-010	10.00 mm
	+0.50/-0.50 mm
PREFIX-008-012	12.00 mm
PREFIX-008-014	14.00 mm
PREFIX-008-016	16.00 mm
PREFIX-008-018	18.00 mm
PREFIX-008-020	20.00 mm
PREFIX-008-022	22.00 mm
PREFIX-008-024	24.00 mm
PREFIX-008-026	26.00 mm

1.00 mm
(A) Outside Diameter: +0.15/+0.05 mm

ITEM NUMBER	(L) OVERALL LENGTH
	+0.25/-0.25 mm
PREFIX-010-004	4.00 mm
PREFIX-010-005	5.00 mm
PREFIX-010-006	6.00 mm
PREFIX-010-008	8.00 mm
PREFIX-010-010	10.00 mm
	+0.50/-0.50 mm
PREFIX-010-012	12.00 mm
PREFIX-010-014	14.00 mm
PREFIX-010-016	16.00 mm
PREFIX-010-018	18.00 mm
PREFIX-010-020	20.00 mm
PREFIX-010-022	22.00 mm
PREFIX-010-024	24.00 mm
PREFIX-010-026	26.00 mm

1.20 mm
(A) Outside Diameter: +0.15/+0.05 mm

ITEM NUMBER	(L) OVERALL LENGTH
	+0.25/-0.25 mm
PREFIX-012-004	4.00 mm
PREFIX-012-005	5.00 mm
PREFIX-012-006	6.00 mm
PREFIX-012-008	8.00 mm
PREFIX-012-010	10.00 mm
	+0.50/-0.50 mm
PREFIX-012-012	12.00 mm
PREFIX-012-014	14.00 mm
PREFIX-012-016	16.00 mm
PREFIX-012-018	18.00 mm
PREFIX-012-020	20.00 mm
PREFIX-012-022	22.00 mm
PREFIX-012-024	24.00 mm
PREFIX-012-026	26.00 mm

1.50 mm
(A) Outside Diameter: +0.23/+0.12 mm

ITEM NUMBER	(L) OVERALL LENGTH
	+0.25/-0.25 mm
PREFIX-015-004	4.00 mm
PREFIX-015-005	5.00 mm
PREFIX-015-006	6.00 mm
PREFIX-015-008	8.00 mm
PREFIX-015-010	10.00 mm
	+0.50/-0.50 mm
PREFIX-015-012	12.00 mm
PREFIX-015-014	14.00 mm
PREFIX-015-016	16.00 mm
PREFIX-015-018	18.00 mm
PREFIX-015-020	20.00 mm
PREFIX-015-022	22.00 mm
PREFIX-015-024	24.00 mm
PREFIX-015-026	26.00 mm

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ITEM NUMBER	(L) OVERALL LENGTH
2.00 mm (A) Outside Diameter: +0.25/+0.13 mm	
	+0.25/-0.25 mm
PREFIX-020-004	4.00 mm
PREFIX-020-005	5.00 mm
PREFIX-020-006	6.00 mm
PREFIX-020-008	8.00 mm
PREFIX-020-010	10.00 mm
	+0.50/-0.50 mm
PREFIX-020-012	12.00 mm
PREFIX-020-014	14.00 mm
PREFIX-020-016	16.00 mm
PREFIX-020-018	18.00 mm
PREFIX-020-020	20.00 mm
PREFIX-020-022	22.00 mm
PREFIX-020-024	24.00 mm
PREFIX-020-026	26.00 mm
PREFIX-020-028	28.00 mm
PREFIX-020-030	30.00 mm
PREFIX-020-032	32.00 mm
PREFIX-020-035	35.00 mm
PREFIX-020-040	40.00 mm
2.50 mm (A) Outside Diameter: +0.28/+0.15 mm	
	+0.25/-0.25 mm
PREFIX-025-004	4.00 mm
PREFIX-025-005	5.00 mm
PREFIX-025-006	6.00 mm
PREFIX-025-008	8.00 mm
PREFIX-025-010	10.00 mm
	+0.50/-0.50 mm
PREFIX-025-012	12.00 mm
PREFIX-025-014	14.00 mm
PREFIX-025-016	16.00 mm
PREFIX-025-018	18.00 mm
PREFIX-025-020	20.00 mm
PREFIX-025-022	22.00 mm
PREFIX-025-024	24.00 mm
PREFIX-025-026	26.00 mm
PREFIX-025-028	28.00 mm
PREFIX-025-030	30.00 mm
PREFIX-025-032	32.00 mm
PREFIX-025-035	35.00 mm
PREFIX-025-040	40.00 mm
PREFIX-025-045	45.00 mm
3.00 mm (A) Outside Diameter: +0.30/+0.15 mm	
	+0.25/-0.25 mm
PREFIX-030-006	6.00 mm
PREFIX-030-008	8.00 mm
PREFIX-030-010	10.00 mm
	+0.50/-0.50 mm
PREFIX-030-012	12.00 mm
PREFIX-030-014	14.00 mm
PREFIX-030-016	16.00 mm
PREFIX-030-018	18.00 mm
PREFIX-030-020	20.00 mm
PREFIX-030-022	22.00 mm
PREFIX-030-024	24.00 mm
PREFIX-030-026	26.00 mm
PREFIX-030-028	28.00 mm
PREFIX-030-030	30.00 mm
PREFIX-030-032	32.00 mm
PREFIX-030-035	35.00 mm
PREFIX-030-040	40.00 mm
PREFIX-030-045	45.00 mm
PREFIX-030-050	50.00 mm
3.50 mm (A) Outside Diameter: +0.34/+0.17 mm	
	+0.25/-0.25 mm
PREFIX-035-006	6.00 mm
PREFIX-035-008	8.00 mm
PREFIX-035-010	10.00 mm
	+0.50/-0.50 mm
PREFIX-035-012	12.00 mm
PREFIX-035-014	14.00 mm
PREFIX-035-016	16.00 mm
PREFIX-035-018	18.00 mm
PREFIX-035-020	20.00 mm
PREFIX-035-022	22.00 mm
PREFIX-035-024	24.00 mm
PREFIX-035-026	26.00 mm
PREFIX-035-028	28.00 mm
PREFIX-035-030	30.00 mm
PREFIX-035-032	32.00 mm
PREFIX-035-035	35.00 mm
PREFIX-035-040	40.00 mm
PREFIX-035-045	45.00 mm
PREFIX-035-050	50.00 mm
4.00 mm (A) Outside Diameter: +0.40/+0.20 mm	
	+0.25/-0.25 mm
PREFIX-040-008	8.00 mm
PREFIX-040-010	10.00 mm
	+0.50/-0.50 mm
PREFIX-040-012	12.00 mm
PREFIX-040-014	14.00 mm
PREFIX-040-016	16.00 mm
PREFIX-040-018	18.00 mm
PREFIX-040-020	20.00 mm
PREFIX-040-022	22.00 mm
PREFIX-040-024	24.00 mm
PREFIX-040-026	26.00 mm
PREFIX-040-028	28.00 mm
PREFIX-040-030	30.00 mm
PREFIX-040-032	32.00 mm
PREFIX-040-035	35.00 mm
PREFIX-040-036	36.00 mm
PREFIX-040-040	40.00 mm
PREFIX-040-045	45.00 mm
PREFIX-040-050	50.00 mm
	+0.75/-0.75 mm
PREFIX-040-055	55.00 mm
PREFIX-040-060	60.00 mm
5.00 mm (A) Outside Diameter: +0.50/+0.25 mm	
	+0.25/-0.25 mm
PREFIX-050-010	10.00 mm
	+0.50/-0.50 mm
PREFIX-050-012	12.00 mm
PREFIX-050-014	14.00 mm
PREFIX-050-016	16.00 mm
PREFIX-050-018	18.00 mm
PREFIX-050-020	20.00 mm
PREFIX-050-022	22.00 mm
PREFIX-050-024	24.00 mm
PREFIX-050-026	26.00 mm
PREFIX-050-028	28.00 mm
PREFIX-050-030	30.00 mm
PREFIX-050-032	32.00 mm
PREFIX-050-035	35.00 mm
PREFIX-050-036	36.00 mm
PREFIX-050-040	40.00 mm
PREFIX-050-045	45.00 mm
PREFIX-050-050	50.00 mm
	+0.75/-0.75 mm
PREFIX-050-055	55.00 mm
PREFIX-050-060	60.00 mm
6.00 mm (A) Outside Diameter: +0.50/+0.25 mm	
	+0.50/-0.50 mm
PREFIX-060-012	12.00 mm
PREFIX-060-014	14.00 mm
PREFIX-060-016	16.00 mm
PREFIX-060-018	18.00 mm
PREFIX-060-020	20.00 mm
PREFIX-060-022	22.00 mm
PREFIX-060-024	24.00 mm
PREFIX-060-026	26.00 mm
PREFIX-060-028	28.00 mm
PREFIX-060-030	30.00 mm
PREFIX-060-032	32.00 mm

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SPCMP	=	DIA. <16MM HIGH CARBON STEEL, PHOSPHATE; >=16MM ALLOY CARBON STEEL, PHOSPHATE
SPCMZ	=	DIA. <16MM HIGH CARBON STEEL, ZINC CLEAR; >=16MM ALLOY CARBON STEEL, ZINC CLEAR
SPCM3P	=	302/304 STAINLESS STEEL, PASSIVATED
SPCM5P	=	420 STAINLESS STEEL, PASSIVATED

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

6.00 mm
(A) Outside Diameter: +0.50/+0.25 mm

ITEM NUMBER	(L) OVERALL LENGTH
	+0.50/-0.50 mm
PREFIX-060-035	35.00 mm
PREFIX-060-036	36.00 mm
PREFIX-060-040	40.00 mm
PREFIX-060-045	45.00 mm
PREFIX-060-050	50.00 mm
	+0.75/-0.75 mm
PREFIX-060-055	55.00 mm
PREFIX-060-060	60.00 mm
PREFIX-060-065	65.00 mm
PREFIX-060-070	70.00 mm
PREFIX-060-075	75.00 mm

8.00 mm
(A) Outside Diameter: +0.63/+0.30 mm

ITEM NUMBER	(L) OVERALL LENGTH
	+0.50/-0.50 mm
PREFIX-080-016	16.00 mm
PREFIX-080-018	18.00 mm
PREFIX-080-020	20.00 mm
PREFIX-080-022	22.00 mm
PREFIX-080-024	24.00 mm
PREFIX-080-026	26.00 mm
PREFIX-080-028	28.00 mm
PREFIX-080-030	30.00 mm
PREFIX-080-032	32.00 mm
PREFIX-080-035	35.00 mm
PREFIX-080-036	36.00 mm
PREFIX-080-040	40.00 mm
PREFIX-080-045	45.00 mm
PREFIX-080-050	50.00 mm
	+0.75/-0.75 mm
PREFIX-080-055	55.00 mm
PREFIX-080-060	60.00 mm
PREFIX-080-065	65.00 mm
PREFIX-080-070	70.00 mm
PREFIX-080-075	75.00 mm
PREFIX-080-080	80.00 mm
PREFIX-080-085	85.00 mm
PREFIX-080-090	90.00 mm
PREFIX-080-095	95.00 mm
PREFIX-080-100	100.00 mm
PREFIX-080-120	120.00 mm

10.00 mm
(A) Outside Diameter: +0.80/+0.35 mm

ITEM NUMBER	(L) OVERALL LENGTH
	+0.50/-0.50 mm
PREFIX-100-020	20.00 mm
PREFIX-100-022	22.00 mm
PREFIX-100-024	24.00 mm
PREFIX-100-026	26.00 mm
PREFIX-100-028	28.00 mm
PREFIX-100-030	30.00 mm
PREFIX-100-032	32.00 mm
PREFIX-100-035	35.00 mm
PREFIX-100-036	36.00 mm
PREFIX-100-040	40.00 mm
PREFIX-100-045	45.00 mm
PREFIX-100-050	50.00 mm
	+0.75/-0.75 mm
PREFIX-100-055	55.00 mm
PREFIX-100-060	60.00 mm
PREFIX-100-065	65.00 mm
PREFIX-100-070	70.00 mm
PREFIX-100-075	75.00 mm
PREFIX-100-080	80.00 mm
PREFIX-100-085	85.00 mm
PREFIX-100-090	90.00 mm
PREFIX-100-095	95.00 mm
PREFIX-100-100	100.00 mm
PREFIX-100-120	120.00 mm

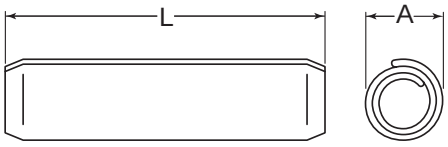
12.00 mm
(A) Outside Diameter: +0.85/+0.40 mm

ITEM NUMBER	(L) OVERALL LENGTH
	+0.50/-0.50 mm
PREFIX-120-022	22.00 mm
PREFIX-120-024	24.00 mm
PREFIX-120-026	26.00 mm
PREFIX-120-028	28.00 mm
PREFIX-120-030	30.00 mm
PREFIX-120-032	32.00 mm
PREFIX-120-035	35.00 mm
PREFIX-120-036	36.00 mm
PREFIX-120-040	40.00 mm
PREFIX-120-045	45.00 mm
PREFIX-120-050	50.00 mm

ITEM NUMBER	(L) OVERALL LENGTH
	+0.75/-0.75 mm
PREFIX-120-055	55.00 mm
PREFIX-120-060	60.00 mm
PREFIX-120-065	65.00 mm
PREFIX-120-070	70.00 mm
PREFIX-120-075	75.00 mm
PREFIX-120-080	80.00 mm
PREFIX-120-085	85.00 mm
PREFIX-120-090	90.00 mm
PREFIX-120-095	95.00 mm
PREFIX-120-100	100.00 mm
PREFIX-120-120	120.00 mm
PREFIX-120-140	140.00 mm
PREFIX-120-160	160.00 mm

16.00 mm
(A) Outside Diameter: +1.00/+0.45 mm

ITEM NUMBER	(L) OVERALL LENGTH
	+0.50/-0.50 mm
PREFIX-160-035	35.00 mm
PREFIX-160-040	40.00 mm
PREFIX-160-045	45.00 mm
PREFIX-160-050	50.00 mm
	+0.75/-0.75 mm
PREFIX-160-055	55.00 mm
PREFIX-160-060	60.00 mm
PREFIX-160-065	65.00 mm
PREFIX-160-070	70.00 mm
PREFIX-160-075	75.00 mm
PREFIX-160-080	80.00 mm
PREFIX-160-085	85.00 mm
PREFIX-160-090	90.00 mm
PREFIX-160-095	95.00 mm
PREFIX-160-100	100.00 mm
PREFIX-160-120	120.00 mm
PREFIX-160-180	180.00 mm



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