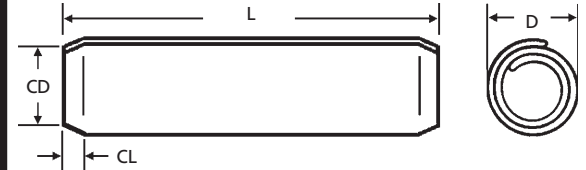


ROLLED PINS

785-392-3017 FAX 785.392.2845

REVISED 06-04
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2-1/4 TURNS OF MATERIAL



	STANDARD COILED			
	MANUFACTURER CROSS-REFERENCE			
Spirol	M	ITW/Bee-Leitzke	205	
Vogelsang	SM2			

SPC	Nominal (D)	Length (L)	Diameter (D)	Chamfer Diameter (CD)	Chamfer Length (CL)	WEIGHT Lbs. per 100 Pieces	MATERIAL			
	DIAMETER	LENGTH	Max Min				Plain "SPC-"	Zinc Clear "SPCZ-"	420 SS "SPCSP-"	300 SS "SPC3P-"
-062-0187	1/16	3/16	.072 / .067	.059	.028	0.01				
-062-0250		1/4				0.02				
-062-0312		5/16				0.02				
-062-0375		3/8				0.02				
-062-0437		7/16				0.03				
-062-0500		1/2				0.03				
-062-0562		9/16				0.04				
-062-0625		5/8				0.04				
-062-0750		3/4				0.05				
-062-0875		7/8				0.06				
-062-1000	1	0.06	.088 / .083	.075	.032	0.06				
-062-1250	1-1/4	0.08								
-078-0312	5/16	0.02								
-078-0375	3/8	0.03								
-078-0437	7/16	0.03								
-078-0500	1/2	0.04								
-078-0562	9/16	0.04								
-078-0625	5/8	0.05								
-078-0750	3/4	0.06								
-078-0875	7/8	0.06								
-078-1000	1	0.07	.105 / .099	.091	.038	0.07				
-078-1250	1-1/4	0.09								
-093-0250	1/4	0.03								
-093-0312	5/16	0.03								
-093-0375	3/8	0.04								
-093-0437	7/16	0.05								
-093-0500	1/2	0.05								
-093-0562	9/16	0.06								
-093-0625	5/8	0.07								
-093-0750	3/4	0.08								
-093-0875	7/8	0.09	1-1/2	1-3/4		0.09				
-093-1000	1	0.11								
-093-1250	1-1/4	0.13								
-093-1500	1-1/2	0.16								
-093-1750	1-3/4	0.18								

SPC	DESCRIPTION	GENERAL USE	HOW TO IDENTIFY	APPLICATION
	Sometimes referred to as a "spiral pin," coiled pins are rolled forms made with 2-1/4 turns of steel. The wound design allows stress to be evenly distributed along the entire length of the pin. STANDARD COILED	 COMMON	<ol style="list-style-type: none"> Verify pin with 2-1/4 turn rolled form. Measure diameter (D). Measure length (L). Find the part in the chart above. <p>TYPICAL PART NUMBER SEQUENCE: SPC-062-0500 is a 1/16" x 1/2" plain steel coiled pin.</p>	<p>Equal distribution of stresses.</p>

PERFORMANCE RESULTS VARY. YOUR PIN SELECTION SHOULD BE MADE BASED ON INDIVIDUAL APPLICATION.

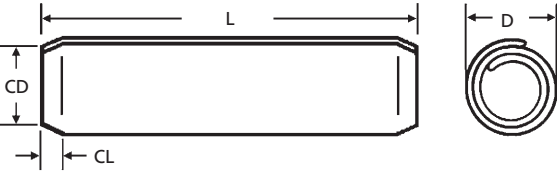
ADDITIONAL TECHNICAL DATA ON PAGE 104.

PILOT PUNCHES
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SPCM **METRIC**
Page 212

MOST SIZES AVAILABLE IMMEDIATELY • \$2 LINE REQUESTED • CALL PLANT FOR QUANTITY DISCOUNTS

2-1/4 TURNS OF MATERIAL



STANDARD COILED

MANUFACTURER CROSS-REFERENCE

Spirol	M	ITW/Bee-Leitzke	205
Vogelsang	SM2		



SPC	Nominal (D)	Length (L)	Diameter (D)	Chamfer Diameter (CD)	Chamfer Length (CL)	WEIGHT	MATERIAL			
	DIAMETER	LENGTH	Max / Min			Lbs. per 100 Pieces	Plain "SPC-"	Zinc Clear "SPCZ-"	420 SS "SPCSP-"	300 SS "SPC3P-"
-125-0375	1/8	3/8	.138 / .131	.121	.044	0.07				
-125-0437		7/16				0.09				
-125-0500		1/2				0.10				
-125-0562		9/16				0.11				
-125-0625		5/8				0.12				
-125-0750		3/4				0.15				
-125-0875		7/8				0.17				
-125-1000		1				0.20				
-125-1125		1-1/8				0.22				
-125-1250		1-1/4				0.25				
-156-0437	5/32	7/16	.171 / .163	.152	.048	0.16				
-156-0500		1/2				0.18				
-156-0562		9/16				0.20				
-156-0625		5/8				0.22				
-156-0750		3/4				0.26				
-156-0875		7/8				0.30				
-156-1000		1				0.36				
-156-1125		1-1/8				0.40				
-156-1250		1-1/4				0.44				
-156-1375		1-3/8				0.48				
-156-1500	1-1/2	0.52								
-156-1625	1-5/8	0.55								
-156-1750	1-3/4	0.59								
-187-0500	3/16	1/2	.205 / .196	.182	.055	0.24				
-187-0562		9/16				0.27				
-187-0625		5/8				0.30				
-187-0750		3/4				0.36				
-187-0875		7/8				0.42				
-187-1000		1				0.48				
-187-1125		1-1/8				0.54				
-187-1250		1-1/4				0.60				
-187-1375		1-3/8				0.66				
-187-1500		1-1/2				0.72				
-187-1625	1-5/8	0.78								
-187-1750	1-3/4	0.84								

DESCRIPTION	GENERAL USE	HOW TO IDENTIFY	APPLICATION
<p>SPC</p> <p>Sometimes referred to as a "spiral pin," coiled pins are rolled forms made with 2-1/4 turns of steel. The wound design allows stress to be evenly distributed along the entire length of the pin.</p> <p>STANDARD COILED</p>	<p>COMMON</p>	<ol style="list-style-type: none"> 1. Verify pin with 2-1/4 turn rolled form. 2. Measure diameter (D). 3. Measure length (L). 4. Find the part in the chart above. <p>TYPICAL PART NUMBER SEQUENCE: SPCZ-125-1000 <i>is a 1/8" x 1" zinc coiled pin.</i></p>	<p>Used as a stop pin.</p>

PERFORMANCE RESULTS VARY. YOUR PIN SELECTION SHOULD BE MADE BASED ON INDIVIDUAL APPLICATION.

ADDITIONAL TECHNICAL DATA ON PAGE 104.

DRIVE TOOL

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ASSORTMENTS BEGIN

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SPCM

METRIC
Page 212

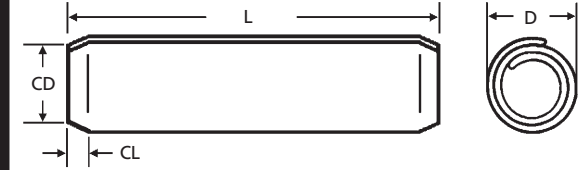
MOST SIZES AVAILABLE IMMEDIATELY • \$2 LINE REQUESTED • CALL PLANT FOR QUANTITY DISCOUNTS

ROLLED PINS

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REVISED 06-04
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2-1/4 TURNS OF MATERIAL



	STANDARD COILED			
	MANUFACTURER CROSS-REFERENCE			
	Spirol	M	ITW/Bee-Leitzke	205
	Vogelsang	SM2		

SPC	Nominal (D)	Length (L)	Diameter (D)	Chamfer Diameter (CD)	Chamfer Length (CL)	WEIGHT	MATERIAL			
	DIAMETER	LENGTH	Max / Min			Lbs. per 100 Pieces	Plain "SPC-"	Zinc Clear "SPCZ-"	420 SS "SPCSP-"	300 SS "SPC3P-"
	1/4	1/4	.271 / .260	.243	.065	0.40				
-250-0625		5/8				0.50				
-250-0750		3/4				0.60				
-250-0875		7/8				0.70				
-250-1000		1				0.80				
-250-1125		1-1/8				0.90				
-250-1250		1-1/4				1.00				
-250-1375		1-3/8				1.10				
-250-1500		1-1/2				1.20				
-250-1625		1-5/8				1.30				
-250-1750		1-3/4				1.41				
-250-1875		1-7/8				1.51				
-250-2000		2				1.61				
-250-2250		2-1/4				1.81				
-250-2500		2-1/2				2.01				
	5/16	3/4	.337 / .324	.304	.080	0.96				
-312-0875		7/8				1.12				
-312-1000		1				1.28				
-312-1125		1-1/8				1.44				
-312-1250		1-1/4				1.60				
-312-1375		1-3/8				1.76				
-312-1500		1-1/2				1.92				
-312-1625		1-5/8				2.08				
-312-1750		1-3/4				2.24				
-312-1875		1-7/8				2.40				
-312-2000		2				2.56				
-312-2250		2-1/4				2.88				
-312-2500		2-1/2				3.20				
-312-2750		2-3/4				3.52				
-312-3000		3				3.84				
-312-3250	3-1/4	4.16								
-312-3500	3-1/2	4.48								
-312-3750	3-3/4	4.80								
-312-4000	4	5.12								

DESCRIPTION	GENERAL USE	HOW TO IDENTIFY	APPLICATION
<p>Sometimes referred to as a "spiral pin," coiled pins are rolled forms made with 2-1/4 turns of steel. The wound design allows stress to be evenly distributed along the entire length of the pin.</p> <p>STANDARD COILED</p>	<p>COMMON</p>	<ol style="list-style-type: none"> Verify pin with 2-1/4 turn rolled form. Measure diameter (D). Measure length (L). Find the part in the chart above. <p>TYPICAL PART NUMBER SEQUENCE: SPC-062-0500 is a 1/16" x 1/2" plain steel coiled pin.</p>	<p>As a fastener.</p>

PERFORMANCE RESULTS VARY. YOUR PIN SELECTION SHOULD BE MADE BASED ON INDIVIDUAL APPLICATION.

ADDITIONAL TECHNICAL DATA ON PAGE 104.

PILOT PUNCHES

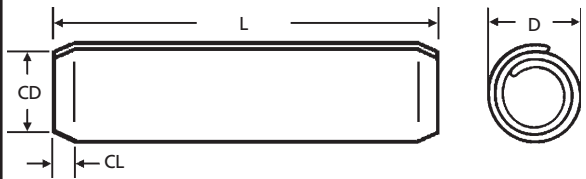
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SPCM **METRIC** Page 212

MOST SIZES AVAILABLE IMMEDIATELY • \$2 LINE REQUESTED • CALL PLANT FOR QUANTITY DISCOUNTS

2-1/4 TURNS OF MATERIAL

BOX 232 • MINNEAPOLIS, KS • 67467



STANDARD COILED

MANUFACTURER CROSS-REFERENCE

Spirol	M	ITW/Bee-Leitzke	205
Vogelsang	SM2		



SPC	Nominal (D)	Length (L)	Diameter (D) Max / Min	Chamfer Diameter (CD)	Chamfer Length (CL)	WEIGHT Lbs. per 100 Pieces	MATERIAL																
	DIAMETER	LENGTH					Plain "SPC-"	Zinc Clear "SPCZ-"	420 SS "SPCSP-"	300 SS "SPC3P-"													
-375-1000	3/8	1	.403 / .388	.366	.095	1.89																	
-375-1125		1-1/8									+/- .010	2.13											
-375-1250		1-1/4											2.36										
-375-1375		1-3/8												2.60									
-375-1500		1-1/2													2.84								
-375-1625		1-5/8														3.07							
-375-1750		1-3/4															3.31						
-375-1875		1-7/8																3.54					
-375-2000		2																	3.78				
-375-2250		2-1/4																		4.25			
-375-2500		2-1/2																			4.73		
-375-2750		2-3/4																				5.20	
-375-3000		3																					5.67
-375-3250		3-1/4																					
-375-3500	3-1/2	6.62																					
-500-1250	1-1/4		+/- .025	4.08																			
-500-1500	1-1/2				4.90																		
-500-1625	1-5/8					5.31																	
-500-1750	1-3/4						5.72																
-500-1875	1-7/8							6.13															
-500-2000	2								6.53														
-500-2250	2-1/4									7.35													
-500-2500	2-1/2										8.17												
-500-2750	2-3/4											8.98											
-500-3000	3												9.80										
-500-3250	3-1/4													10.62									
-500-3500	3-1/2														11.43								
-500-3750	3-3/4															12.25							
-500-4000	4	13.07																					
-500-4750	4-3/4		15.52																				
-500-5000	5			16.33																			
-625-0500	1/2				---	.613											.125	3.27					
-625-1000	1						6.54																
-625-2000	2							13.07															
-625-3000	3								19.61														
-625-3250	3-1/4									21.24													

DESCRIPTION	GENERAL USE	HOW TO IDENTIFY	APPLICATION
<p>SPC</p> <p>Sometimes referred to as a "spiral pin," coiled pins are rolled forms made with 2-1/4 turns of steel. The wound design allows stress to be evenly distributed along the entire length of the pin.</p> <p>STANDARD COILED</p>	<p>COMMON</p>	<ol style="list-style-type: none"> 1. Verify pin with 2-1/4 turn rolled form. 2. Measure diameter (D). 3. Measure length (L). 4. Find the part in the chart above. <p>TYPICAL PART NUMBER SEQUENCE: SPC-062-0500 is a 1/16" x 1/2" plain steel coiled pin.</p>	<p>As an anchor.</p>

PERFORMANCE RESULTS VARY. YOUR PIN SELECTION SHOULD BE MADE BASED ON INDIVIDUAL APPLICATION.

ADDITIONAL TECHNICAL DATA ON PAGE 104.

ASSORTMENTS BEGIN

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MOST SIZES AVAILABLE IMMEDIATELY • \$2 LINE REQUESTED • CALL PLANT FOR QUANTITY DISCOUNTS

All manufacturer names and numbers are for identification purposes only. In no way are we implying that our parts were made by the manufacturers listed above. Prices, materials, tolerances, and grades subject to change without notice.