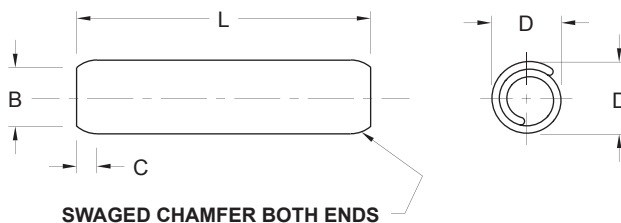


# SPIROL® SERIES 500 EXTRA LIGHT PINS

## Specifications and Technical Data



PIN DUTIES	PIN MATERIAL AND HARDNESS	FINISHES
<b>XL</b> Extra Light	<b>B</b> High Carbon Steel SAE 1070-1095/CS 70 HV 420 TO 545 <b>C</b> Chrome Stainless Steel SAE 51420 HV 460 TO 560 <b>D</b> Nickel Stainless Steel SAE 30302/30304 Work hardened	<b>K</b> Plain, oiled <b>P</b> Passivated, oiled <b>R</b> Phosphate coated <b>T</b> Zinc plated

### DIMENSIONAL DATA — INCH

NOMINAL PIN SIZE	PIN DIAMETER D		CHAMFER		RECOMMENDED HOLE SIZE		DOUBLE SHEAR STRENGTH LBS. MIN.		LENGTHS
			B	C			HIGH CARBON SAE 51420	SAE 302/304	L
			DIA.	LENGTH					TOLERANCE ± .010
MAX.	MIN.	MAX.	REF.	MAX.	MIN.				
<b>.094</b> 3/32	.108	.099	.091	.038	.097	.093	225	175	.375 to 1.000
<b>.125</b> 1/8	.141	.131	.121	.044	.129	.124	400	300	.500 to 1.250
<b>.156</b> 5/32	.174	.163	.152	.048	.160	.155	620	480	.625 to 1.750
<b>.187</b> 3/16	.210	.196	.182	.055	.192	.186	900	700	.750 to 1.750
<b>.250</b> 1/4	.276	.260	.243	.065	.256	.247	1600	1200	1.000 to 2.000

### DIMENSIONAL DATA — METRIC

NOMINAL PIN SIZE	PIN DIAMETER D		CHAMFER		RECOMMENDED HOLE SIZE		DOUBLE SHEAR STRENGTH kN MIN.		LENGTHS
			B	C			HIGH CARBON SAE 51420	SAE 302/304	L
			DIA.	LENGTH					TOLERANCE ± 0.50
MAX.	MIN.	MAX.	REF.	MAX.	MIN.				
<b>2.5</b>	2.87	2.65	2.4	0.7	2.6	2.49	1	0.75	10 to 24
<b>3</b>	3.4	3.15	2.9	0.9	3.1	2.99	1.5	1.15	12 to 30
<b>4</b>	4.5	4.2	3.9	1.1	4.12	3.98	2.8	2.1	16 to 40
<b>5</b>	5.57	5.25	4.85	1.3	5.12	4.95	4	3	20 to 45
<b>6</b>	6.72	6.25	5.85	1.5	6.13	5.95	6	4.6	24 to 50

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Lower assembly costs.



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