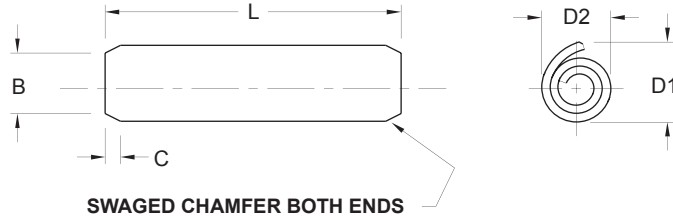
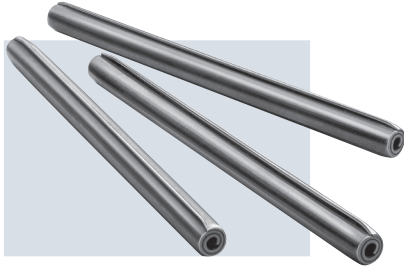


SPIROL® SERIES 600 SUPERFLEX PINS

Specifications and Technical Data



| PIN DUTIES | PIN MATERIAL AND HARDNESS | FINISHES |
|------------|---|---------------------|
| M Standard | B High Carbon Steel SAE 1070-1095/CS 70 HV 420 TO 545 | K Plain, oiled |
| H Heavy | C Chrome Stainless Steel SAE 51420 HV 460 TO 560 | P Passivated, oiled |
| | | R Phosphate coated |
| | | T Zinc plated |

DIMENSIONAL DATA — INCH

| NOMINAL PIN SIZE | PIN DIAMETER | | | | | | | | CHAMFER | | RECOMMENDED HOLE SIZE | | LENGTHS | | |
|---------------------|------------------|------|---------------|------|------------------|------|---------------|------|---------|--------|--------------------------|------|-----------------------|--------------------------------|----------------------|
| | D1 | | | | D2 | | | | B | C | | | L | | |
| | STANDARD DUTY | | HEAVY DUTY | | STANDARD DUTY | | HEAVY DUTY | | DIA. | LENGTH | TOLERANCES | | | | |
| | MAX. | MIN. | MAX. | MIN. | MAX. | MIN. | MAX. | MIN. | MAX. | REF. | MAX. | MIN. | Up to 2.000 2" ± .010 | 2.000 to 3.000 2" to 3" ± .015 | Over 3.000 3" ± .025 |
| .062 1/16 | .072 | .067 | .070 | .066 | .065 | .062 | .065 | .062 | .059 | .028 | .065 | .061 | .250 to .625 | | |
| .078 5/64 | .088 | .083 | .086 | .082 | .081 | .078 | .081 | .078 | .075 | .032 | .081 | .077 | .312 to .750 | | |
| .094 3/32 | .105 | .099 | .103 | .098 | .097 | .094 | .097 | .094 | .091 | .038 | .097 | .093 | .375 to 1.000 | | |
| .125 1/8 | .138 | .131 | .136 | .130 | .129 | .125 | .129 | .125 | .121 | .044 | .129 | .124 | .500 to 1.250 | | |
| .156 5/32 | .171 | .163 | .168 | .161 | .160 | .156 | .160 | .156 | .152 | .048 | .160 | .155 | .625 to 1.750 | | |
| .187 3/16 | .205 | .196 | .202 | .194 | .192 | .187 | .192 | .187 | .182 | .055 | .192 | .185 | .750 to 1.750 | | |
| .250 1/4 | .271 | .260 | .268 | .258 | .256 | .249 | .256 | .249 | .243 | .065 | .256 | .247 | 1.000 to 2.250 | | |
| .312 5/16 | .337 | .324 | .334 | .322 | .319 | .311 | .319 | .311 | .304 | .080 | .319 | .308 | 1.250 to 3.000 | | |
| .375 3/8 | .403 | .388 | .400 | .386 | .383 | .373 | .383 | .373 | .366 | .095 | .383 | .370 | 1.500 to 3.500 | | |

DIMENSIONAL DATA — METRIC

| NOMINAL PIN SIZE | PIN DIAMETER | | | | | | | | CHAMFER | | RECOMMENDED HOLE SIZE | | LENGTHS | | |
|---------------------|------------------|-------|---------------|------|------------------|------|---------------|------|---------|--------|--------------------------|------|-----------------|-----------------|----------------|
| | D1 | | | | D2 | | | | B | C | | | L | | |
| | STANDARD DUTY | | HEAVY DUTY | | STANDARD DUTY | | HEAVY DUTY | | DIA. | LENGTH | TOLERANCES | | | | |
| | MAX. | MIN. | MAX. | MIN. | MAX. | MIN. | MAX. | MIN. | MAX. | REF. | MAX. | MIN. | Up to 10 ± 0.25 | 10 to 50 ± 0.50 | Over 50 ± 0.75 |
| 1.5 | 1.73 | 1.62 | 1.71 | 1.61 | 1.63 | 1.5 | 1.63 | 1.5 | 1.4 | 0.5 | 1.6 | 1.5 | 6 to 16 | | |
| 2 | 2.25 | 2.13 | 2.21 | 2.11 | 2.13 | 2 | 2.13 | 2 | 1.9 | 0.7 | 2.1 | 1.99 | 8 to 20 | | |
| 2.5 | 2.78 | 2.65 | 2.73 | 2.62 | 2.64 | 2.5 | 2.64 | 2.5 | 2.4 | 0.7 | 2.6 | 2.49 | 10 to 24 | | |
| 3 | 3.3 | 3.15 | 3.25 | 3.12 | 3.14 | 3 | 3.14 | 3 | 2.9 | 0.9 | 3.1 | 2.99 | 12 to 30 | | |
| 3.5 | 3.84 | 3.67 | 3.79 | 3.64 | 3.66 | 3.5 | 3.66 | 3.5 | 3.4 | 1 | 3.62 | 3.48 | 14 to 35 | | |
| 4 | 4.4 | 4.2 | 4.3 | 4.15 | 4.17 | 4 | 4.17 | 4 | 3.9 | 1.1 | 4.12 | 3.98 | 16 to 40 | | |
| 5 | 5.5 | 5.25 | 5.35 | 5.15 | 5.18 | 5 | 5.18 | 5 | 4.85 | 1.3 | 5.12 | 4.95 | 20 to 45 | | |
| 6 | 6.5 | 6.25 | 6.4 | 6.18 | 6.21 | 6 | 6.21 | 6 | 5.85 | 1.5 | 6.13 | 5.95 | 24 to 55 | | |
| 8 | 8.63 | 8.3 | 8.55 | 8.25 | 8.29 | 8 | 8.29 | 8 | 7.8 | 2 | 8.17 | 7.93 | 30 to 75 | | |
| 10 | 10.75 | 10.35 | 10.65 | 10.3 | 10.34 | 10 | 10.34 | 10 | 9.75 | 2.5 | 10.2 | 9.93 | 40 to 85 | | |

- ⊙ Specifications on other metric and inch diameters and lengths are available on request.
- ⊙ Shear strength is the same as the equivalent size, material and duty coiled pin.

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Innovative fastening solutions.
Lower assembly costs.



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