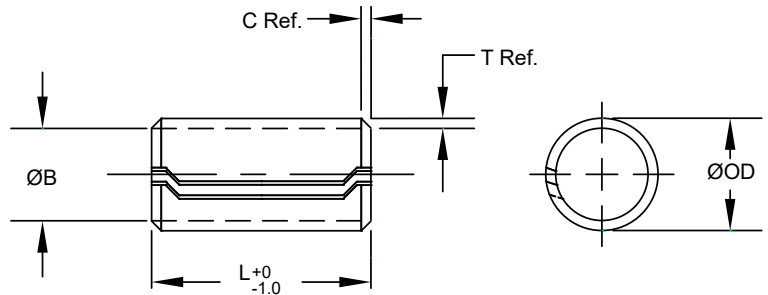




**Spring Dowels** are used to accurately locate components with respect to each other. They are formed around arbors to assure roundness. It is recommended that one half the hole tolerance be used for the fixed location of the Dowel and one half for the hole in the mating part.

### Series SD200



#### MATERIAL

**B** High Carbon Steel

#### FINISH

**K** Plain, Oiled

#### DIMENSIONAL DATA

| Metric                 |       |       |                  |          |         |                         |       |                                     |
|------------------------|-------|-------|------------------|----------|---------|-------------------------|-------|-------------------------------------|
| Nominal Dowel Diameter | ØOD   |       | Wall Thickness T | Chamfer  |         | Recommended Ø Hole Size |       | Min. Single Shear (kN) <sup>1</sup> |
|                        | Min.  | Max.  |                  | C Length | ØB Max. | Min.                    | Max.  |                                     |
| 6                      | 6.25  | 6.50  | 0.55             | 1.00     | 5.85    | 6.00                    | 6.13  | 6.6                                 |
| 8                      | 8.25  | 8.50  | 0.70             | 1.40     | 7.80    | 8.00                    | 8.13  | 11.5                                |
| 10                     | 10.25 | 10.50 | 0.90             | 1.40     | 9.75    | 10.00                   | 10.13 | 18.5                                |
| 12                     | 12.25 | 12.50 | 1.10             | 1.40     | 11.70   | 12.00                   | 12.13 | 27.1                                |

| Metric                 |        |    |    |    |    |
|------------------------|--------|----|----|----|----|
| Nominal Dowel Diameter | Length |    |    |    |    |
|                        | 12     | 15 | 20 | 25 | 30 |
| 6                      |        |    |    |    |    |
| 8                      |        |    |    |    |    |
| 10                     |        |    |    |    |    |
| 12                     |        |    |    |    |    |

<sup>1</sup> Single shear minimum, tested in accordance with ISO 8749. Testing can only be performed on Dowels greater than two diameters in length.

- On special order plated parts, all dimensions apply prior to plating.
- Special lengths and sizes available upon request.
- Inch sizes available upon request.

**To Order:** BUSH, Nominal Dowel Size x Length, Material, Finish, Series  
**Example:** BUSH 8 x 20 BK SD200

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**SPIROL.co.uk**



Coiled Spring Pins



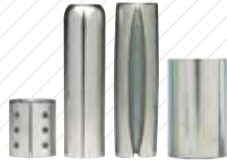
Slotted Spring Pins



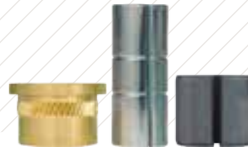
Solid Pins



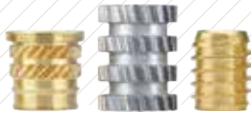
Alignment Dowels /  
Bushings



Spacers & Rolled  
Tubular Components



Compression  
Limiters



Threaded Inserts  
for Plastics



Railroad Nuts



Disc Springs



Precision Shims &  
Thin Metal Stampings



Precision Washers



Parts Feeding  
Technology



Pin Installation  
Technology



Insert Installation  
Technology



Compression Limiter  
Installation Technology

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SPIROL offers complimentary Application Engineering support! We will assist on new designs as well as help resolve issues, and recommend cost savings on existing designs. Let us help by visiting **Application Engineering Services** on [SPIROL.co.uk](http://SPIROL.co.uk).