



Precision Springs

Springs are grouped into three basic types - Compression Springs, Extension Springs and Torsion Springs.

Compression Springs work by exerting force against the spring load. Compression Springs are found in computers and peripherals, mobile phones and other consumer electronics.

Extension Springs work by exerting force inward to bring components together. Extension Springs are found in computers and peripherals, mobile phones and other consumer electronics.

Torsion Springs work by returning the rotational components to their original position. Torsion Springs are found in computers and peripherals, mobile phones and other consumer electronics.

We provide a wide range of precision compression, extension, torsion, wire form and flat springs. Wire diameters range from ultra-fine 0.05mm to sizes up to 8mm. The smallest internal diameter is 0.1mm. Typical materials used include carbon, piano, stainless steel, beryllium copper, oil tempered and plated wire.



Pins & Shafts

Pins are used for multiple purposes such as a locator, aligning and joining components.

Industrial pins such as dowel pins are used to prevent motion or slippage. This is commonly found in machine assembly and electronics components.

Shafts on the other hand are used as transfer rollers in applications such as copiers, printers, fax machines and scanners.

We design and supply a wide variety of engineered pins and shafts. Depending on your application needs, these products can be supplied in a range of materials such as aluminum, brass, titanium, plastic, steel, stainless steel, brass, copper, and alloys.

