# High Pressure Compression Springs. High Spring Rates, Narrow Profile.



## **High Pressure Spring Series:**

• A slender low index compression spring designed with relatively high pressure rating compared to standard compression springs

- Fits in small holes from 1/8" to 1"
- 17-7 PH Stainless Steel
- · Preset to solid height
- · Precipitation hardening heat treated
- · Shot peened and passivated

#### **Applications:**

- · Ball plungers
- Vise clamps
- Quick change tools
- Switches
- Safety relief valves
- ... and many more

"High Pressure" describes this series of compression springs because they are designed to be used where relatively high forces are required for a given diameter. A standard stock spring with similar pressure would normally be designed with a wider profile than the Lee Spring High Pressure Series.

### Same Pressure in a Narrow Profile

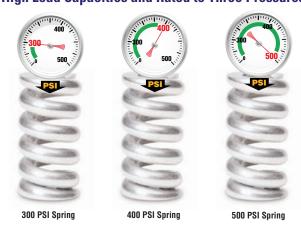
Conventional Spring with Similar Pressure





High Pressure Narrow Profile

# **High Load Capacities and Rated to Three Pressures**





Over 300 pages of Stock Springs and more, including Compression, Extension, Torsion, Belleville, and many Specialty Springs.

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#### Why Choose Lee Spring?

- 19,000+ Stock Spring Designs Available and Ready to Ship
- Extensive Custom Spring Capabilities
- Expert Engineering Assistance Available
- · CAD Downloads Online for Stock Springs
- Free Standard Postage for Stock Springs to many locations'
- Low Volume Prototyping to Large Scale Runs
- Global Manufacturing and Distribution
- Over 95 Years of Spring Manufacturing and **Engineering Experience**
- ISO Certified

