

SPECIAL HEAVY DUTY COMPRESSION SPRINGS



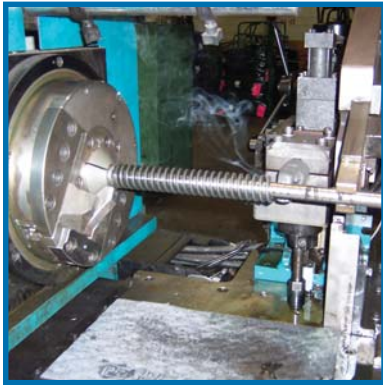
Anchor Danly
The Brands You Trust

Special Heavy Duty Compression Springs

CUSTOM SPRINGS

A custom spring is any spring that has:

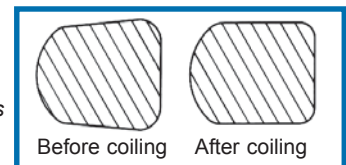
- ◆ Unique physical attributes
 - Special wire material, plating or paint
 - Custom free lengths, diameters, solid heights, rates, number of coils or custom loads at a given deflection
- ◆ Critical tolerances
- ◆ Specific inspection or certification requirements
 - Military specifications
 - 100% inspection of critical characteristics
- ◆ Statistical reports
- ◆ Computer controlled multi-point tests



MANUFACTURING CAPABILITIES

- ◆ Outside diameters from 3/8" to 3" (9.5mm to 76.2mm)
- ◆ Free length from 1/2" to 36" (12.7mm to 914.4mm)
- ◆ Round Spring wire from 0.043" to 1/2" (1.1mm to 12.7mm)
- ◆ Standard rectangular wire up to 0.375" x 0.469" (9.5mm to 11.9mm)

Modified trapezoidal cross section of rectangular wire springs changes to a "D" cross section during coiling to achieve a low stress level that means longer spring life.



COATINGS AVAILABLE

- | | |
|----------------------|-------------------|
| ◆ Plain, no paint | ◆ Any paint Color |
| ◆ Oiled | ◆ Powder Coating |
| ◆ Cadmium Plate | ◆ E-coat |
| ◆ Dacromet® | ◆ Zinc |
| ◆ Electroless Nickel | |

SPRING SPECIALS QUOTING PROCESS

- ◆ Submit custom spring print
- ◆ Submit application information
 - Include description of application
 - Life expectations
 - Critical dimensions, tolerances, certifications required

Other Anchor Danly Spring Products

ANCHOR DANLY supplies the most extensive selection of springs and pressure control devices used in die sets, molds, fixtures and machines. Among the products **ANCHOR DANLY** stocks are the following:



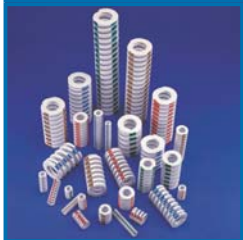
Disc Springs

- ◆ Efficient use of space, providing high spring forces with small deflections
- ◆ May be used in series or parallel
- ◆ Available in a variety fo sizes



DieMax XL™ Die Springs

- ◆ Yields reliable, trouble-free performance
- ◆ High tensile strength chrome silicon material
- ◆ Meets ISO color codes



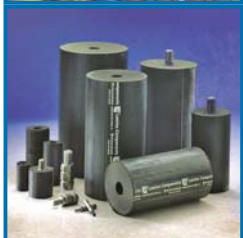
DieMax™ L Springs

- ◆ Yields reliable, trouble-free performance
- ◆ High tensile strength chrome silicon material
- ◆ Optimal rectangular wire design



JIS Springs

- ◆ Manufactured and color coded to the Japanese Industrial Standard
- ◆ Five load ratings: Extra Light, Light, Medium, Heavy and Extra Heavy
- ◆ Over 1,000 in-stock parts numbers



Marsh Mellow® Die Springs

- ◆ An effective alternative to costly nitrogen gas springs
- ◆ Widely used in the automotive and metal stamping industries
- ◆ Available from 1-1/8" to 6" O.D.



Utility Springs

- ◆ Engineered for durability
- ◆ Unlimited applications for general utility and industry
- ◆ Available in a variety of compression and extension springs



Formathane® Urethane

- ◆ Specially formulated for metalforming
- ◆ Greater abrasion resistance
- ◆ Higher pressures with added durability



Distributed by:



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