

DRACO
SPRING MFG. CO.



SUBSEA TO OUTER SPACE

THE GLOBAL LEADER IN SPRING MANUFACTURING

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Manufacturers' Representatives
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WWW.DRACOSPRING.COM





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ABOUT US

DRACO SPRING IS THE GLOBAL LEADER IN SPRING MANUFACTURING.

A family owned and operated business since 1969, Draco Spring has grown into the largest custom spring manufacturer in the world.

Draco Spring has the capability to produce most every type of spring, wire form and metal stamping - specializing in short run, RUSH deliveries.

From Subsea to Outer Space, Draco supplies springs to over 100 different markets worldwide.

From hundreds of feet below the surface in the frigid North Atlantic, to the harsh conditions of deep outer space, Draco's quality is unsurpassed in any application or environment.

In the beginning, Draco produced valve and actuator springs to meet the tight tolerances of US Navy and nuclear equipment requirements. Draco now supplies springs with those same exceptional production standards to over 100 markets, including NASA and aerospace, oil & gas, stock cars and more.

Draco produces millions of springs each year, from quantities of 1 to 10,000, for over 4,000 customers worldwide.

In 1969, Draco supplied springs for the lunar module and lunar rover for the Apollo 11 moon landing.



Located just minutes from Houston's Hobby Airport, Draco's facilities consist of 12 buildings totaling 110,000 square feet. Additional expansion is currently underway to keep up with increasing demand. Draco also maintains 9 regional satellite offices which provide sales and service to all regions of the U.S. and Canada.

Draco employs approximately 150 employees, including customer service, inspectors, sales and production personnel.



SERVICES

ENGINEERING

- 2D and 3D CAD design & modeling capability
- Advanced spring design capabilities
- Complete product development from concept to production
- 100+ years of spring design & engineering

MANUFACTURING

Draco has designed and built the majority of the production equipment in-house. This allows the production of springs to tighter tolerances and a quality level that is unprecedented in the industry.

Draco has patents pending on many of the manufacturing processes and equipment.

Draco has become the industry leader in meeting the most demanding requirements for research and development projects.



RAW MATERIALS

WITH OVER \$3 MILLION OF RAW MATERIALS IN STOCK, DRACO HAS THE CAPABILITY TO SHIP SAME DAY ORDERS OF ANY SIZE SPRING FROM VIRTUALLY ANY MATERIAL.

Draco's raw material inventory is unsurpassed in the industry. Our stock materials serve environments with Max/Min Service Temperatures ranging from 1,400°F to -328°F.

- 17-7 PH Stainless Wire
- 302 Stainless Wire
- 316 Stainless Wire
- Oil Tempered Wire Class I
- Oil Tempered Wire Class II
- Chrome Vanadium Wire
- Chrome Vanadium - Valve Quality Wire
- Chrome Silicon
- Chrome Silicon - Valve Quality Wire
- Music Wire
- Oil Tempered - Valve Quality Wire
- Inconel 625 Wire
- Inconel 600 Wire
- Inconel X-750 (Spring Temper)
- 301, 302, 304 & 316 Stainless Strip
- Monel 400
- Monel K-500
- Brass Wire
- Phosphorus Bronze
- Beryllium Copper Wire
- MP35N Wire
- Elgiloy Wire
- A-286 Bar
- Inconel 718 Bar
- Inconel X-750 Bar
- 304 Stainless Bar
- 316 Stainless Bar
- 17-4 Stainless Bar
- Tungsten Bar (H-12)
- 5160H Bar
- 51B60H Bar
- 1075 / 1095 Tempered
- 1075 / 1095 Annealed
- Beryllium Copper Strip
- Elgiloy Strip
- 17-7 PH Sheet & Strip
- Inconel X-750 (#1 Temper)
- 17-4 PH Sheet & Strip
- Inconel X-750 Sheet & Strip
- Inconel 718 Sheet
- NI-SPAN C-Wire
- Hastelloy C276 Wire
- Titanium Wire
- Rene 41 - Wire & Bar

NOTE: For materials not listed - please inquire.

QUALITY

Draco's **Quality Management System** has been developed as an evolutionary process through years of collaborating with our customers. These customers are leaders in their industries and demand compliance with the most stringent requirements, specifications and standards, including:

- **ISO-9001:2008** - Certified Compliant since 1997.
- Approved by N.I.A.C. audit - Compliant with 10CFR50 Appendix B and NCA3800.
- Trading partner with the U.S. Military.
- Approved by audit to supply Oil & Gas, safety relief valves, nuclear, automotive & aerospace.
- Draco's Enterprise Resource Planning (ERP) computer system provides organizational visibility, control and measurement for manufacturing, inventory control, workflow and order tracking.



INDUSTRIES SERVED

VALVES

Safety Valves
Control Valves
Butterfly Valves
Gate Valves
Subsea

PUMPS

Oilfield
Concrete
Slurry
Petrochemical

MINING

Vibratory Shakers
Heavy Equipment
Water Blasting
Earth Moving Equipment
Rock Crushers

MASS TRANSIT

Subways
People Movers

MILITARY

Jet Aircraft
Tanks
Ships / Submarines
Armored Vehicles
Missile Guidance

NASA

Hubble Telescope
Space Shuttle
Satellite Systems
Lunar Rover
Lunar Module

AUTO

Racing Suspensions
Clutches
Brakes
Transmissions
Motorcycle Suspensions
Heavy Duty Suspensions

OILFIELD

Downhole Tools
Drilling Equipment
Seismic Equipment
Nitrogen Service Units

- REGULATORS / ACTUATORS
- BIOFUELS
- RAILCARS
- ELEVATORS
- SNOW PLOWS
- NUCLEAR POWER
- FARM EQUIPMENT
- THEME PARK RIDES
- RECYCLING / WASTE MANAGEMENT
- FITNESS
- AND MANY MORE



THE PURPLE SPRING - RACING SUSPENSION SPRINGS

At Draco, we don't just make the PURPLE SPRING, we actually race the PURPLE SPRING. Draco Springs has been on the cutting edge of racing technology for over a decade. Draco's purple springs are the 1st choice for top Sprint Cup, Nationwide and Craftsman Truck series teams.

Draco Spring is the only spring manufacturer that provides 24/7 technical support from a former NASCAR Engineer that has visited Victory Lane over 40 times in his career.

To ensure the highest quality, every purple spring is hand coiled, powder coated, inspected and load tested. Our inventory includes 50 - 5,000 lb. spring rate capabilities. Custom springs are also available.

To view the complete Draco parts list, please visit www.puplespring.com.

FROM DIRT TRACK TO CUP LEVEL RACING, LET THE PURPLE SPRING GIVE YOUR TEAM THE WINNING EDGE.

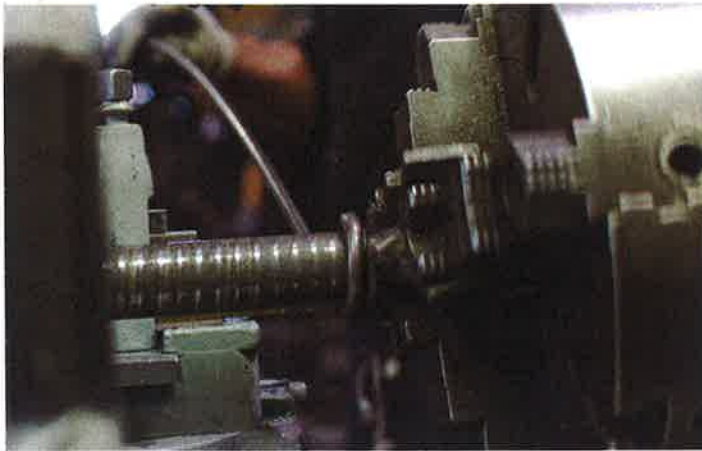


CAPABILITIES

DRACO'S CAPABILITIES INCLUDE COILING AS SMALL AS .006" DIAMETER UP TO 2.500" DIAMETER

HOT COIL

Draco has the capability to hot coil up to 2.500" diameter up to 45 foot lengths. Our hot coil capabilities allow us to work with almost any diameter spring in a large variety of materials.



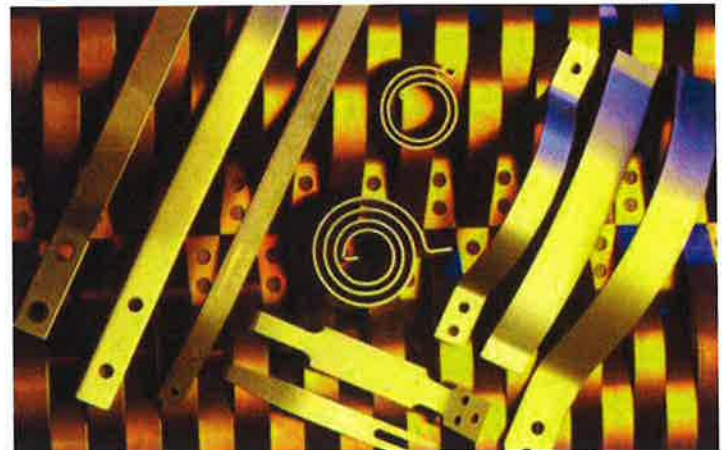
COLD COIL

Draco has the capability to cold coil up to 1.75" wire / bar size from an extensive variety of stainless and exotic alloys.

METAL FORMING

Draco has the capability to produce an extensive variety of metal forms including:

- Snap Rings
- Wire Forms
- Metal Stampings
- Spring Clips
- Sway Bars
- Football Sled Springs
- Eye Bolts
- Elevator "C" Springs



OUR COATINGS

- Powder Coat
- Thermadep
- Nickel Plating
- Tectyl
- Sermagard
- Cadmium Plating
- Xylan
- Paint

OTHER SERVICES

- Magnaflux
- Shot Peen
- Liquid Penetrant
- Load Testing
- Centerless Grinding
- Parkerizing
- Stocking Programs

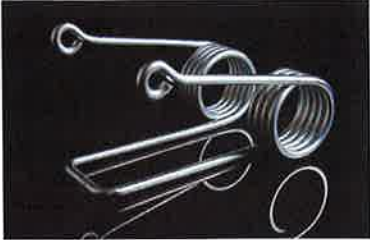
PRODUCTS



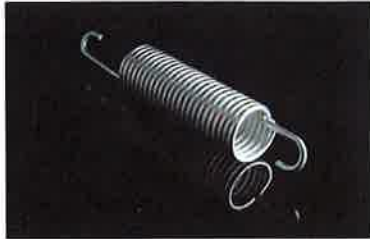
Compression Springs



Compression Springs



Torsion Springs



Extension Springs



Garter Springs



Leaf Springs



Tapered Springs



Drag Springs



Rings



Eye Bolts



Special Design Springs



Special Design Springs



Special Design Springs



Clock Springs



Volute Springs



Pigtail Springs



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