



GANESH SPRING & ENGINEERS

AN ISO 9001 : 2015 CERTIFIED COMPANY

GANESH SPRING & ENGINEERS



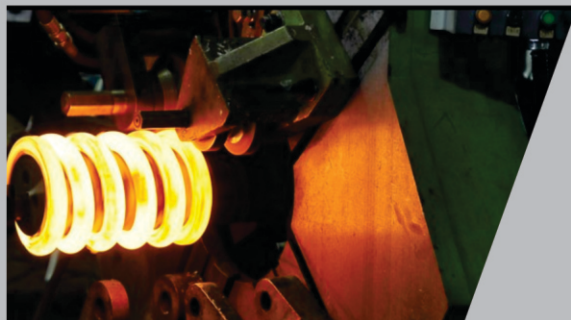
**Manufacturer of
All kind of High Quality Precision Springs,
Engineering Parts &
Fabrication**



ganeshspringengg@gmail.com



www.ganeshspringengg.com



Ganesh spring and engineers are the leading manufacturer and supplier of industrial spring in india since last 26 years. We manufacture all kinds of springs such as compression springs, extension springs, conveyor spring, conical spring, tapered spring, elevator heavy duty spring, square bar bending spring, torsion spring, flat wire springs, wire bending spring. We are also dealing in die spring & hot coil spring. Being one of the top provider we have earn repeat business and customer's satisfaction. We serve various industries and large number of domestic brands. We are serving our best to the industry since more than two decades. This good technical experience leads to high demand of all kind of springs in the market. The ganesh spring and engineers ensure standard quality of springs. The reliable raw material, high-tech machinery and experienced workforce give the best quality products.

Ganesh spring & engineers today is a trusted name in the field of industrial spring. Owner of the company Mr. Prakash patel has an experience of more than over 25years. We manufacture tiny spring for fuses & micro switches, electronics parts and heavy duty spring used in elevators and dental chairs, instruments machinery, crusher, valve, automobile components, textile industries, chemical plant & machinery, road equipments, pharmaceutical machinery, plastic machinery industries etc. We have expanded required by every type of industry.

We have been constantly developing in house computer program for verification and modification at exiting spring designs there by meeting customers exacting requirements and board inventory of variety of materials so we make no of clients our product manufacturing as per international standard like IS, BS, ASTM, AISI, DIN.

Ganesh spring has built its reputation based policy of **"Service Oriented Manufacturing"**

Commitment of Quality

- Prompt Response
- Technological Solutions
- After Sales Services
- Customer Delight

Our challenge is to meet the widely range delivery demands of unequally diverse customer base coupled with constant up gradation of production equipment and technologies to keep pace with new market trends and applications

Manufacturing Facilities

We manufacture spring utilizing 'Cold coiling' processes. The process and the sequence operations are selected on the basic of the raw material used, final dimensions of the spring, quantity and the application.

Our Facilities Include

- Automatic spring coiler machine to handle wires from 0.50mm.to 4.0mm
- Lathes and semi automats for coiling wires from 6.4mm to 20.0mm.
- Hydraulic hacksaw machine for sharp cutting edges upto 300 mm diameter.
- Heavy duty end face grinders and pedestal grinders for grinding springs up to 38.0mm bar diameter.
- Electric furnaces and ovens for controlled heat treatment
- Hydraulic presses for pressing & scragging.
- Tooling, shafting, jigs & fixtures for short run productions and specialty springs
- Digital, hydraulic & manual spring testers



COMPRESSION SPRING



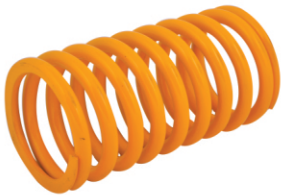
Compression springs are open-coil helical springs made to compressed along the axis of wind, that offers resistance to a compressive force applied axially. Helical compression is the most common metal spring produced. These coil springs can work independently, though often assembled over a guide rod or fitted inside a hole or over the rod. When you put a load on a compression coil spring, making it shorter, it pushes back against the load and tries to get back to its original length or origin of the point. Compression springs offer resistance to linear compressing forces (push). They are usually coiled at a constant diameter, though they can be coiled in other needed forms such as conical, concave (barrel), convex (hourglass), or various combinations as per the requirement. Compression springs are used to resist force and/or store energy, depending upon the application. All compression springs are fabricated from round wire.

Our Ranges Of Compression Spring Sizes Are Below:

- Outer Diameters from 2 mm To 600 mm
- Free Lengths from 4 mm To 600 mm
- Wire Diameters from 0.2 mm To 35 mm

Common Spring Material

- 1) Spring steel Gr- II (IS-4454), known as ASTM A227 (International Standard). Also it is known as Hard Drawn MB wire.
- 2) Stainless steel - SS 302/ 304/ 316 generally used for corrosion, high strength & heat treatment.
- 3) Inconel X750 / 718 / 625 / 600 Generally used for good corrosion resistance at moderately elevated temperature.
- 4) Brass material.
- 5) Music wire.
- 6) 2D wire.



CONICAL TAPERED SPRING

Conical springs are basically compression springs coiled in increasing or decreasing outer diameters thus making its shape a cone or tapered one. These springs tend to reduce solid height and provide stability. Conical springs are also known as tapered springs or cone springs.

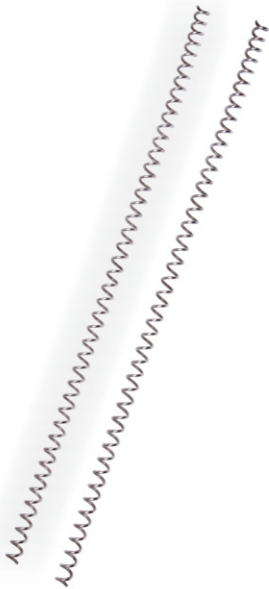
A cone shaped compression spring that has a tapered body with a large outer diameter at the base and a small outer diameter at the top. These stock conical (tapered) springs are made this way to provide stability when a regular compression spring buckles or bends. Stock conical (tapered) springs are also used to provide more travel. If the coils are correctly designed, the spring will have a telescope effect; making the spirals go one inside the other, thus having a minimal solid height.

Our ranges of conical tapered spring sizes are below:

- Outer Diameters from 3 mm to 100 mm
- Free Lengths from 10 mm to 150 mm
- Wire Diameters from 1 mm to 10 mm



CONVEYOR SPRING



Ganesh spring & engineers is one of the leading manufacturers of conveyor spring from last 20 years in Indian market. We supplies in more than 12 states of India to Plastic Industries, Water Plant Industries, Pharmaceutical Industries. We had monopoly in manufacturing conveyor spring and had record of making longest conveyor spring in Gujarat of more than 80 mtrs long.

Spring conveyor is used for transferring various materials like semi solid, powder and granular substances, iron oxide, plastic granule.

Our Ranges Of Conveyor Spring Sizes Are Below:

- Outer Diameters from 32 mm To 150 mm
- Free Lengths from 1 mtr To 80 mtr
- Wire Diameters from 5 mm To 12 mm

DIE SPRING

Die springs are a robust type of helical compression springs consisting of rectangular wire, commonly used with die sets. For the same value deflection, die springs carry 30% more load. These springs are designed to carry very high compression loads in hostile environments.



EXTENSION SPRING

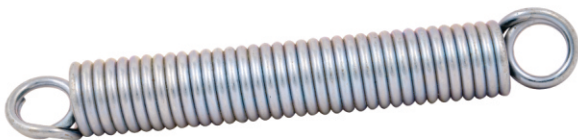


Extension springs, also known as a tension spring, are helical wound coils, wrapped tightly together to create tension. Extension springs usually have hooks, loops, or end coils that are pulled out and formed from each end of the body. The function of an extension spring is to provide extended force when the spring is pulled apart from its original length.

Extension springs are designed to absorb and store energy as well as create a resistance to a pulling force. It is initial tension that determines how tightly together an extension spring is coiled. This initial tension can be manipulated to achieve the load requirements of your particular application. All extension springs are wound with an initial tension force which offers a small deflection load for secure installation "holding". The initial tension is equal to the minimum force required to separate adjacent coils. Each spring is of the constant diameter type with a variety of hook/loop styles.

Our ranges of extension spring sizes are below:

- Outer Diameters from 2 mm to 200 mm
- Free Lengths from 4 mm to 600 mm
- Wire Diameters from 0.3 mm to 20 mm

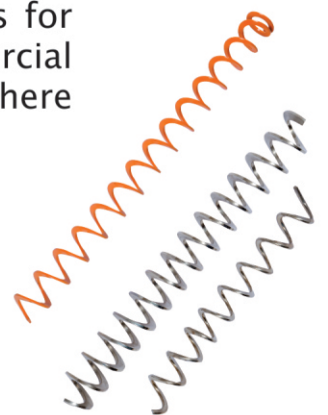


FLAT WIRE SPRING

Flat wire springs are characterized by reduced spring height with larger surface area between coils. Over the years, demands for these springs are on the rise for several industrial and commercial applications. They are the perfect choice for applications where vertical height is restricted/ limited.

Our ranges of Flat Wire spring sizes are below:

- Outer Diameters from 20 mm to 200 mm
- Free Lengths from 50 mm to 600 mm
- Wire Diameters from 2.5/5 mm to 5/20 mm



HEAVY DUTY SPRING



Heavy Duty compression Spring are used in mechanisms that require a great amount of force to be exerted on the spring. You may find heavy duty compression springs in heavy construction machines, agricultural equipment, industrial equipment and oil field equipment.

Our ranges of Heavy Duty spring sizes are below:

- Outer Diameters from 80 mm to 600 mm
- Free Lengths from 100 mm to 600 mm
- Wire Diameters from 8 mm to 38 mm



HOT COIL SPRING

Hot-coiled springs are generally used in elevated temperatures, high load applications or in a corrosive environment. The transportation industry, Agriculture equipments manufacturers, and construction equipments manufacturers are some of the largest users of the hot coiled springs.

Generally springs with bar diameter greater than 12.7mm (0.5 in.) are hot coiled. Bars of carbon or alloy steel are generally used for hot-coiled springs. For most hot-coiled springs, finished hardness requirement is in the range of Rockwell C 44-53.

Our ranges of Hot Coil spring sizes are below:

- Outer Diameters from 80 mm to 600 mm
- Free Lengths from 100 mm to 600 mm
- Wire Diameters from 12 mm to 44 mm

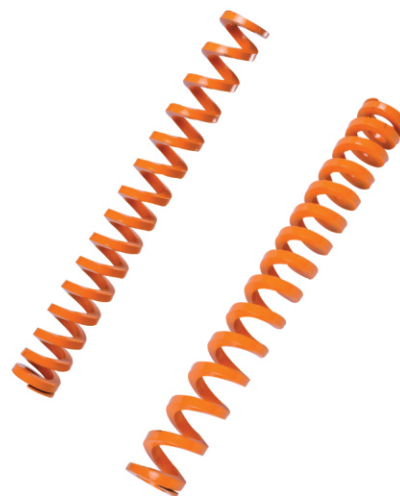


SQUARE BAR BENDING SPRING

Square Bar Bending Spring is a developing item of Ganesh Spring & Engineers. We are the only manufacturer of large size square bar bending spring. It is commonly used in big & heavy machinery where big size of granules are transported to another location.

Our ranges of Square Bar Bending spring sizes are below:

- Outer Diameters from 80 mm to 600 mm
- Free Lengths from 100 mm to 600 mm
- Wire Diameters from 4 X 4 mm to 25 X 25 mm

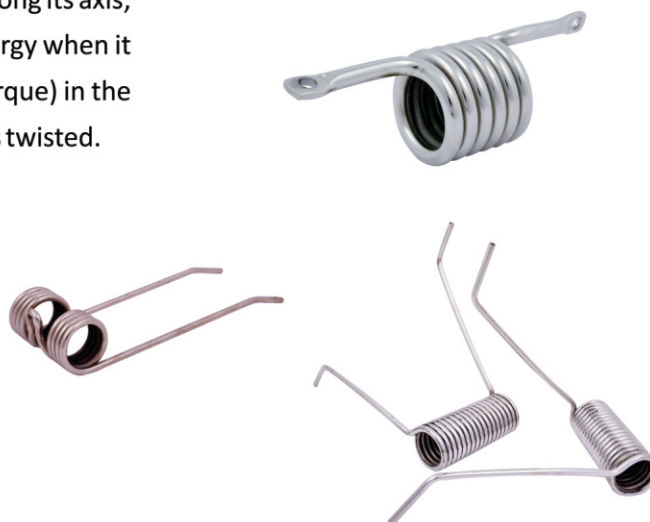


TORSION SPRING

A Torsion spring is a spring that works by twisting its end along its axis; that is, a flexible elastic object that stores mechanical energy when it is twisted. When it is twisted, it exerts a force (actually torque) in the opposite direction, proportional to the amount (angle) it is twisted.

Our ranges of Torsion spring sizes are below:

- Outer Diameters from 10 mm to 250 mm
- Free Lengths from 10 mm to 400 mm
- Wire Diameters from 1 mm to 20 mm



WIRE BENDING SPRING

Wire Bending Spring is the custom made application spring as per the requirement. There are unlimited of varieties of wire bending products, and it depends upon the force and the types of application in which it to be used. Our ranges of wire bending items start from 1 mm to 12 mm wire diameter.



INDUSTRIES WE SERVED

- Elevators And Lift Manufacturing Industries
- Pharmaceutical Machine Industry
- Textile Industry
- Engineering, Mechanical And Seals Industries
- Valves and Pump Industries
- Hydraulic And Pneumatic Industries
- Automobile And Auto Components
- Process And Plant Equipment
- Construction And Mining Machineries
- Electrical And Electronic Components
- Materials Handling Equipments
- Furnace And Foundry Industries
- Industrial Equipments
- Consumer Durable And Domestic Appliances



GANESH SPRING & ENGINEERS

Manufacturer of :-
All kind of High Quality Precision Springs,
Engineering Parts & Fabrication



+91-9825030994



73, Pushkar-1 Ind. Estate, Nr. Axis Bank,
Opp. Macons, Phase-1 Vatva GIDC,
Ahmedabad-382445. Gujarat, India.



ganeshspringengg@gmail.com



www.ganeshspringengg.com



Key Person

Harshik Patel +91-9601779529

Romik Patel +91-9725090994