

Tapper Spring

We are providing our esteemed clients a wide range of Tapper Springs that are broadly used in different industries such as automobile, electrical industry. These are extremely demanded in the market due to their flawlessness and durability. A team of our skilled professionals manufacture these springs making use of the quality tested raw material and contemporary technology in compliance with the industry set standards. Additionally, these can be availed from us at pocket friendly rate.

Features:

- Sturdiness • Dimensionally Accurate • Excellent Finish



Volute Spring

A volute spring is a type of compression spring that is designed to compress when a force is applied to it. It is called a "volute" spring because of its distinctive shape, which resembles a spiral or scroll. Volute springs are made by winding a strip of material, typically steel or another metal, around a mandrel in a spiral pattern. As the strip is wound, it gradually forms a helical spring with a circular cross-section. The ends of the strip are then cut and ground flat to create a stable base for the spring.

Our Clients



Bhagwati Spring Industries
Registered Office:
Plot No. 58, Nr. Padmavati Society,
Opp. Lal Bungalow, C.T.M. Hatkeshwar
Road, Amraiwadi, Ahmedabad - 380 026

GSTIN
24ABFB9908L1Z8

Unit - 2
Bhagwati Spring Industries
B-31, Swarnim Industrial Park,
Bakrol Bujarang, Ahmedabad,
Gujarat - 380 024

Phone
Mo.: +91 98247 70759
+91 98254 14955

Email
info@bhagwatispring.com

Website
www.bhagwatispring.com



Bhagwati
SPRING INDUSTRIES

An ISO 9001:2015 Certified Company

Manufacturers of All type of Springs



About Company



Bhagwati Spring Industries today is a trusted name in the field of industrial spring. Owner of the Company Mr. N. S. Patel has an Experience of more than over 20 years. We manufacture tiny spring used in Elevators and dental chairs & instruments specialist, crusher, valve, automobile components textile industries and chemical plant machinery, Road equipments 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 broad inventory of variety of materials so we make nos. of clients our product manufacturing as per international standard like IS, BS, ASTM, AISI, DIN.

BHAGWATI has built its reputation based policy of "Service Oriented Manufacturing"

Applications



Spring are used in various field.:

- Agriculture Industries • Mechanical and Oil Seals • Hydraulic and Pneumatic Apparatus • Process and Plant Equipment • Pharmaceutical Machinery • Gas Regulators and Safety Vales • Power Industries • Elevator and Lift • Material Handling Equipment • Furnace and Foundry Equipment • Automobile • Automotive industry • Construction and Mining Machineries • Toys Manufacturer • Consumer Durable and Domestic Appliances • Agricultural machinery • Textile Loom & Machinery Manufacturer • Furniture Manufacturer • Medical Device Manufacturer • Commercial construction • Electronic and Sensitive Device Manufacturer • Defence • Chemical Machineries • Others Assembly Units etc...

Manufacturing Facilities



We manufacture spring utilizing both 'Cold Coiling' and 'Hot Coiling' Processes. The process and the sequence of operations is selected on the basis of the raw material used, final dimensions of the spring quantity and the application.

Our Facilities Include:

- Automatic spring coilers to handle wires from 0.20 mm. to 6.0 mm
- Lathes and semi automates for coiling wires from 6.00 mm to 42.0 mm
- Automatic spring end grinders for grinding springs up to 6.0 wire diameter
- Heavy duty end face grinders and pedestal grinders for grinding springs up to 45.0 mm 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

Raw Material



Raw Material Use as per Client Requirement

- Spring Steel (Grade SM,DM,SH,DH – As per IS4454 Part I 2001)
- Stainless Steel (Grade : 304,316,302,202,410,17-7PH – As per ASTM A313)
- Inconel Material (Grade : 600,625, X 750, and many more)
- Hastalloy C 276
- Alloy Steel (EN 42), EN 45, EN 47 and many more)



Tension Spring

In order to fulfil the changing demands of our clients, we are offering Tension Springs. Our springs are fabricated by the professionals using quality grade raw material in order to meet the industry norms & standards. Under this category, we offer our customers a wide array of Tension Springs. The offered tension springs are widely used in garage doors, toys, cycles, washing devices and weight lifting machines.

Owing to our sophisticated manufacturing facility, we have been able to offer Tension Springs. Our offered springs are designed and manufactured under the supervision of professionals following international standards. The offered springs are extensively used in industrial and automotive applications.

Attributes:

- High Tensile Strength • Flexibility
- Low Maintenance Cost • Durability

Torsion Spring or Extension Spring

Torsion springs are a specific type of spring that reacts to rotational forces called torque. A torsion spring exerts torque in a circular or rotating arc with the spring arms rotate about the central axis. The stress is in bending, not in torsion. This type of wire spring is most often used with forces of rotation similar to those found in a motor or drive unit with a rotating shaft or something as simple as a clothespin. In either application the wire is formed to provide resistance to torque, thus the name torsion spring.

Bhagwati Spring industry solves this problem by providing design assistance to our customers and assists them in designing the right spring for their specific application. This can be done with either stock torsion springs or custom torsion springs. With our manufacturing process and skilled craftsman we can provide stock or custom springs in any quantity and still provide the fast turnaround time and consistent quality usually associated with only large production runs.

They Include:

- Hinges • Mouse Traps • Clothes Pins
- Window Shades • Fire Arms • Door Knobs



Products

Compression Spring

Compression springs are designed and used to resist applied compressive forces or to store energy in the push mode. Compression springs are the most common spring configuration and are found in many applications such as automotive, aerospace and consumer goods.

We are making customized Compression spring in range of wire diameter 0.2 mm to 42 mm of using materials En-42, En-45, En-47, Spring Steel Gr-2 IS 4454 Part-2, S.S. 302, 304, 316, 202.

Bhagwati Spring offers a complete line of custom compression springs for your custom order to meet the needs of any industry.

Attributes:

- High Tensile Strength
- Reliability
- Accurate Dimension
- Durability



Conical Spring

We have emerged as the noteworthy manufacturer, exporter and supplier of a wide assortment of Conical Spring. To meet various needs of the clients we offer these products in various specifications. Our offered products are precisely manufactured using the best quality factor inputs and advanced technology by our professionals and comply with the set international standards of quality. These products are checked on well defined parameters of quality in order to offer a perfect range at the clients' end.

Features:

- Perfect Finish • Premium Quality • Easy to Install