

PRECISION

GLOBAL SPRINGS PVT. LTD.

QUALITY SPRING PRODUCTS
SINCE 1973

ALWAYS AHEAD
OF YOUR EXPECTATIONS

www.eprecisionsprings.com





At a Glance:

Established in 1973, Precision Global Springs has been a trusted part of the value chain, specializing in manufacturing helical springs and wire-forms from wire diameters 0.15 mm to 20 mm.

We are ISO 9001, ISO 14001 and ISO 45001 certified.



Manufacturing Facility:

Our production capabilities include advanced hot and cold coiling. Our state-of-the-art machinery includes high-speed CNC coilers and formers, grinders, lathes, stress-relieving furnaces with temperature mapping, endurance testers, and scragging machines, sourced globally from leading manufacturers.



Quality Synopsis:

Our Quality department is equipped with automatic, and semi-automatic load/ torque testers, Video measuring system machines, surface treatment thickness testers, and fatigue testers.



Key Advantages to Our Customer:

- ▶ Strict quality control norms
- ▶ Minimum lead-time
- ▶ Availability of stock (Wires & Finished goods) of running products
- ▶ On-Time Delivery
- ▶ Technical assistance from the development phase
- ▶ Rapid Proto typing & Emergency Manufacturing Services
- ▶ Flexible M.O.Q.



Supportive Process:

We provide additional processes for Spring Enhancement like:-

- ▶ Shot Peening
- ▶ Shot Blasting
- ▶ Static Load Testing
- ▶ Endurance Testing
- ▶ Presetting /Scragging



Types of Surface Treatment Provided:

- ▶ ROHS Blackening, ROHS Phosphating, Parkerizing, and Black lacquering
- ▶ Trivalent Zinc Plating-white, yellow, olive green
- ▶ Cadmium, Nickel, Tin, Silver
- ▶ Powder coating
- ▶ CED Coating
- ▶ PTFE (Teflon), Zinclamella, Dacrotizing, Zinc Flake coating



Compression Spring

Conical, Barrel shaped, Variable pitch, Open ends, Closed ends and Taper ends.



Extension Spring

Machine loop, D loop, Cross-over loop, Double Machine loop, Angled loop, Extended loop, Side loop and Reduced loop.



Torsion Spring

Axial legs, Tangential legs, Radial external legs and Radial internal legs.



Spring Assemblies & Special Items

We manufacture and assemble springs with various types of Casting / Forging end Parts, Rods and Locking devices.



Spring Clips & Wire Forms

These clips are customized in design & shape and are used for connecting and locking purpose.



Tulip / Garter Spring

These are a helically coiled spring that is connected at each end to create a circular shape, & is used in oil seals, shaft seals, belt-driven motors, and electrical connectors.



Raw Materials

We manufacture springs from a wide variety of Raw Materials like:

- ▶ Spring Steel: Grade SL, SM, DH, Galvanized
- ▶ Stainless Steel: 302, 304, 316, 316L, 17-7PH
- ▶ Oil Tempered Wire: TdSiCr, VdSiCr, FdSiCr, FDC, FdCrV, TdCrV, FdSiCr, TdSiCrV, VdSiCrV, VdSiCrVNi
- ▶ Nickel Alloys: Inconel 600, 625, X750, X718, Nimonic 90, Hastelloy C-276, Monel 400, Incoloy A286
- ▶ Copper Alloys: Phosphor Bronze, Beryllium Copper



Applications

Industries We Serve:



Aerospace



Agriculture/ Farm Equipment

Automobile



Defence

Electrical



Electronics

Healthcare Products



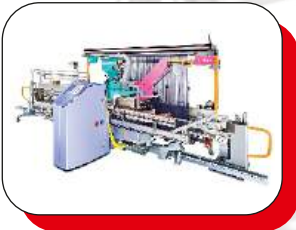
Industrial

Miscellaneous



Nuclear

Oil and Petroleum



Telecommunication

Textile



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