



About us

We at **ASHA SPRINGS** have a unique manufacturing team with our ability to serve our customers across a wide range of applications as a single source supplier. We have been coiling springs for now over 40 years as a custom spring manufacturer. Our inventory now possess state of the art cnc coiling machines that handle a wide range of wire sizes and application We offer dedicated services to our customers such as prototyping a design, producing a small batch of springs as a sample to test before manufacturing big quantity. We apply various cost effective measures to reduce the manufacturing cost of the springs so as to give our customers the market bending rates and industry defining quality. We at **ASHA SPRINGS** are eager and willing to work with you on your spring and wire products requirement.



ISO 9001:2015 Company

Our Products



RAW MATERIAL

Raw Material We at Asha springs use the best quality raw material available in the market. Every raw material that we use has to go through our stringent quality check. Once the material is approved only then it passes to our production facility. We have applied FIFO method for the use of material which help us keep the track of material and maintain our books. We have a ready stock inventory of wire right from 0.10mm-40.00mm.



MANUFACTURING

Once the raw material passes through our stringent quality check it is coiled using the top quality CNC machines where the wire is given shapes and springs are born. After that the coil springs reaches to our grinding section where the surface are of the springs are grinded using automatic grinders depending upon the specification provided by our customer. Then the grounded springs are sent for stress relive where the springs are tempered at 400C-900C depending on the raw material used and the specification of the springs. After stress relieving the springs are sent for surface finish and shot peened depending on the needs of the customer.



QUALITY

Quality is the most important aspect of spring manufacturing we apply the best technology to check our quality our cnc machines are attached with Length sorter machines ix• keep the length of the spring in check while coiling the spring itself . A Later inspection of the springs are done by our well qualified and experience imam which assures you of the quality of the spring and gives you peace of mind while using the springs manufactured by us.



Compression Spring

The most common type of springs that comes to mind when thinking of springs. Compression springs as the name suggest will compress when loaded and are used in a variety of applications. There are many kinds of compression spring such as straight body compression spring, conical spring, variable diameter. Compression spring also can be closed ended , open ended, pig tailed and open reduced on centre . The ends can also be grounded to exact specifications also We at Asha springs have spent almost half a decade studying and manufacturing such springs. Compression springs can be made by cold winding and hot winding depending on the wire diameter of the spring required. We have an in house capacity to manufacture compression spring with wire diameter of 0.10mm-25.00mm.



Extension Spring

Tension Springs/Extension Springs are helical wound coils, wrapped tightly together to create tension. Extension springs are springs which absorb and store energy by offering resistance to a pulling force. 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.



Garter Spring

The main difference between an compression spring and an extension spring is in the direction of application of the load and the way that it is applied. Extension springs absorb energy or create resistance depending on the application We at Asha springs can manufacture extension springs such as small extension springs, large extension springs, conical extension spring we can produce any kind of extension spring depending upon the customer specifications and configurations.



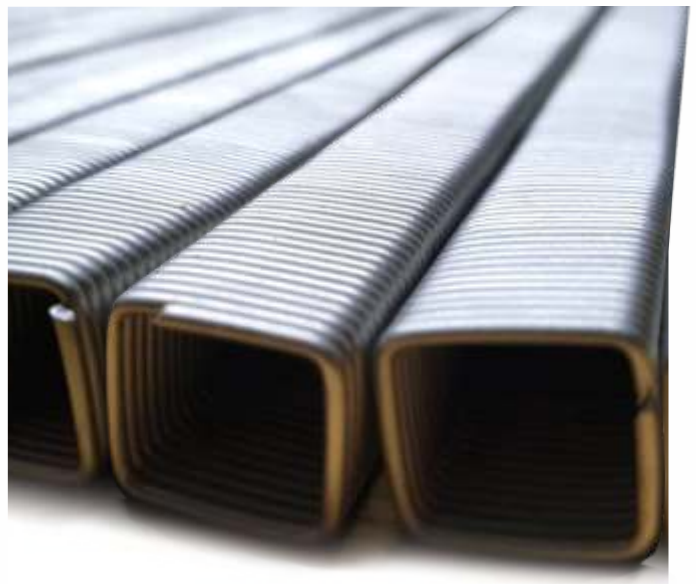
Torsion Spring

Torsion spring are designed in such a way that it can supply and withstand torque. Torsion supply this torque through its arms/spring leg. Design of the spring leg depends on the application and can be straight or bent depending of the design of its application. We at Asha springs have latest technology cnc machines to manufacture such complex springs.



Die Spring

Die springs are same as compression spring but made out of Flat wire which can be Square/Rectangular in shape. Primarily used in die machineries die springs are designed in such a way that it can withstand a high static or load stresses in a tight index and to improve the springs life cycle and space efficiency of the design. Die springs are categorised in different colour codes depending on its sizes and load capacity. We use chrome alloy material to manufacture die spring which are equivalent to ISO-10243 and JIS STD.



Feeding Spring

Mainly used in the Blister packaging machines, rectangular springs/feeding springs are considered one of the most critical job to manufacture because of its lengths and tight tolerances. We at Asha springs are now the leading suppliers and manufacturers of feeding springs and supply to almost all the blister packaging machine manufacturer in the country. we have accomplished this fleet because of regular development in technology and our vision to provide our customers with the best quality product.

Industries we serve



**ELECTRICAL &
SWITCH GEAR**



**TEXTILE
INDUSTRIES**



**CRUSHER
VIBRATOR SCREEN**



**HARDWARE,
FURNITURE & LOCKS**



**AUTOMOBILE
INDUSTRIES**



**OFFICE
EQUIPMENTS**



**STATIONERY
ARTICLES**



**KIDS
TOYS**



**UMBRELLA
INDUSTRY**



**PNEUMATIC &
POWER TOOLS**



MACHINERY



**AEROSOL VALVES
& PUMPS**



**HOME
APPLIANCES**



**AERONAUTICAL
& DEFENSE**

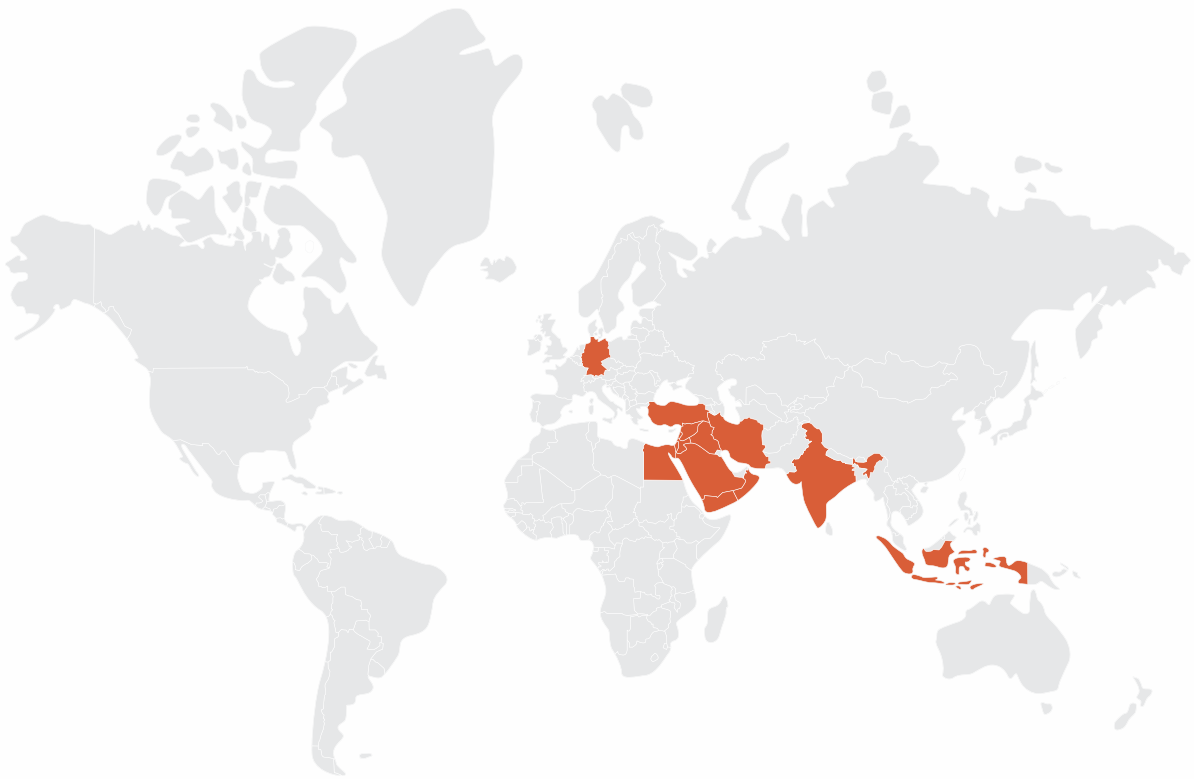


**ELEVATOR & COMPONENTS
CONSTRUCTION**



**MATERIAL HANDLING
EQUIPMENTS**

Countries we export to



With our extensive knowledge in the spring industry we not only supply springs in the country but are also an exporter of springs. We have our client base in Germany, Singapore ,Indonesia ,oman and other countries as well. We believe in delivering timely excellence and we will happily export our springs to any part of the world.

Thank You!



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