



Universal Products was established in 1987 as a **spring manufacturing entity** and has been in the manufacturing sector for more than three decades.

Universal Products is engaged in manufacturing of **customized springs of varying types**, **shapes and sizes**. We can make springs with **wire diameter ranging from 0.5mm to 40mm** and are adept in both; cold wound spring and hot wound spring.

The products we offer include; compression spring, barrel spring, torsion spring, tension spring, heavy duty spring, die springs, spring forms, etc.

The raw material used for manufacturing the products is of the highest quality and the products made from our end are as per specifications and to precision.

For further details and enquiries please reach out to us via phone or email.

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# **Compression Springs**



### Specifications

### **Configurations:**

-Cylindrical -Conical -Barrel -Hourglass -Closed Ends -Open Ends -Ground Ends

#### Wire Sizes:

From 0.5mm to 40mm (Above 34mm based on material availability and weight)

### **Materials:**

Spring Steel (Grade II, Grade III, EN-47, EN-48A, SAE-9254, 50CrV4) Stainless Steel (302, 304, 316)

Copper, Inconel

As per requirement



# **Extension Springs**



## Specifications

### **Configurations:**

-Side Loops -Extended Hooks -TeardropEnds -Threaded Inserts

## Wire Sizes:

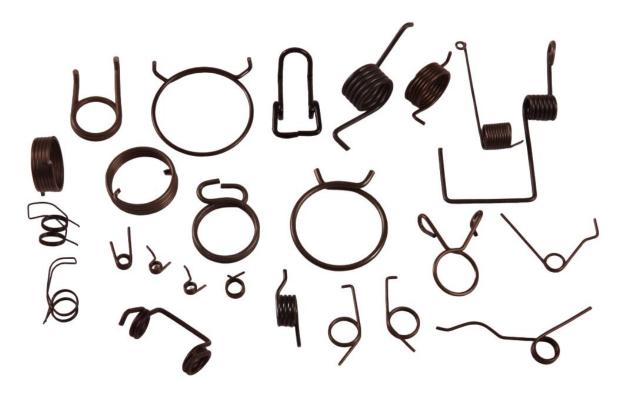
From 0.5mm to 20mm

### **Materials:**

Spring Steel (Grade II, Grade III, EN-47, EN-48A, SAE-9254, 50CrV4) Stainless Steel (302, 304, 316) Copper, Inconel As per requirement



# **Torsion Springs**



## Specifications

## **Configurations:**

-Straight Offset Ends -Short Hook Ends -Hinge Ends -Straight Torsion Ends - Double Torsion

### Wire Sizes:

From 0.5mm to 20mm

### **Materials:**

Spring Steel (Grade II, Grade III, EN-47, EN-48A, SAE-9254, 50CrV4)
Stainless Steel (302, 304, 316)
Copper, Inconel
As per requirement



## **Heavy Duty Spring**



## Specifications

## **Configurations:**

-Cylindrical -Helical -Compression -Closed Ends -Open Ends -Ground Ends

#### Wire Sizes:

From 16mm to 40mm (Above 34mm based on material availability and weight)

#### **Materials:**

Spring Steel (Grade II, Grade III, EN-47, EN-48A, SAE-9254, 50CrV4) Stainless Steel (302, 304, 316)

Copper

As per requirement



# **Rectangular Die Springs**



## Specifications

#### Configurations:

-Helical -Conical -Closed Ends -Open Ends -Ground Ends -Unground Ends

#### Wire Sizes:

Wire Thickness from 0.3mm to 12mm Wire Width from 1.5mm to 16mm

## **Materials:**

Spring Steel (Grade II) As per requirement



## **Wire Forms**



## Specifications

Wire Sizes:

Wire Thickness from 1mm to 10mm

**Materials:** 

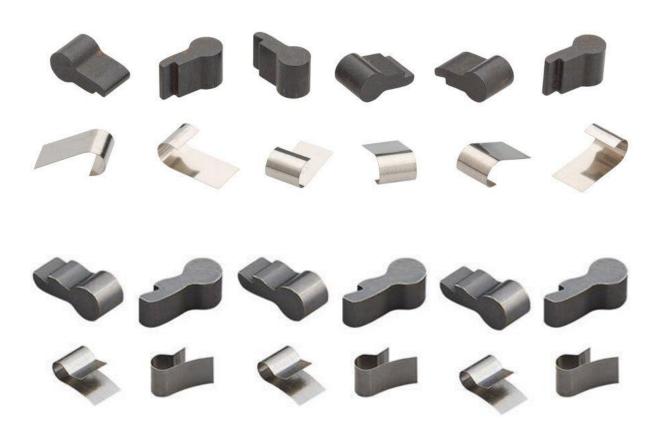
Spring Steel Stainless Steel

Copper

As per requirement



## **Pawls**



## Specifications

Wire Sizes:

Wire Thickness from 2mm to 12mm

**Materials:** 

Carbon Steel As per requirement