

**PRECISION
DRAWELL**

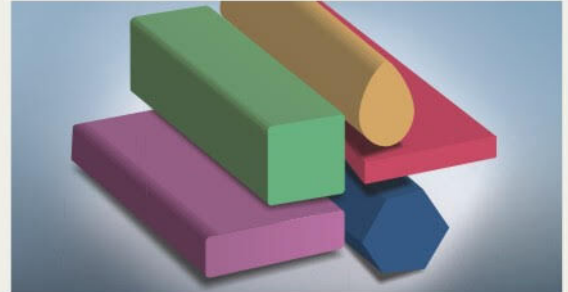
Shaped Wire

Shaped Wire, profile wire are manufactured from High Carbon, Stainless- Steel as well as from low carbon wire as per as costumer's requirement, in Flat, Square, Trapezoidal and semi circle forms.

Shaped Wire, profiles allows complicated geometries and cross sections, these wires can be adjusted to meet customer's actual needs and can be supplied in annealed and drawn finish. These wires find application in from manufacturing of Washer, Circlips, Springs, Wiper arms, Blades, Auto Cables(Inner & Outer), kitchen accessories etc.

Specifications

Cross Section	Thickness	Thickness: Width	Corners
	Min.(mm)	Max.(Mm)	Max.
Flat	0.50 0.90	7 times	Natural/Sharp
	1.00 2.00	6 Times	Natural/Sharp
	2.10 3.00	4 times	Natural/Sharp
Cross Section	Thickness	Thickness: Width	Corners
	Min.(mm)	Max(mm)	Max.
Square	0.7 x 0.7 8.0 x 8.0	-	Round/Sharp
Rectangular	0.5 x 0.9 6.0 x 10.0	-	Round/Sharp
Trapezoidal	1.2 x 1.8 6.0 x 10.0	-	Natural/Round/Sharp
Cross Section	Thickness	Thickness: Width	Corners
	Min.(mm)	Max.(mm)	Max.
Half Round	1.4/0.7 10.00/5.00	4 times	Natural/Round/Sharp



CHQ Wires

The Plant comprises the state-of-art Spheriodise Bell Annealing Electric furnaces & Wire Drawing Machines which can produce sizes right from 1.2mm to 30mm, from the following wide range of Product mix. , produces world class steel wires in various grades like low carbon, medium carbon, C-Mn Steel, Boron Steels and Alloy Steel Wires. These steel wires are manufactured to suit varied needs of engineering, automobile & allied industries.

The plant has capacity to give output of annealing up to 6000 tonnes per annum and Drawing capacity upto 10000 tonnes per annum of High Quality CHQ & Alloy Steel Wires and soon its going for capacity expansion looking in to market demand.

We have got Chemical & Metallurgical lab for verifying quality of incoming Steel & also ensuring quality of outgoing finish wires. Our expertise in making CHQ finish wires and its acceptance amongst our customers gives us an edge over our competitors.



Applications

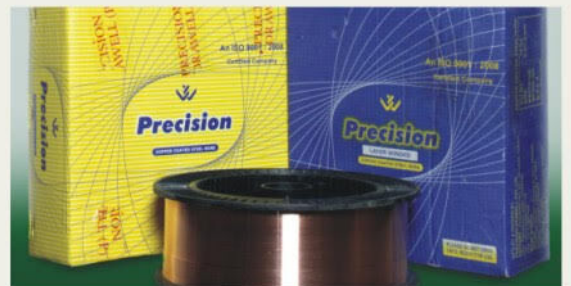
- Fasteners & Cold headed components
- Bearings
- Nut, Bolts, Rivets
- Main applications are in the automotive

MIG/Co2 Wires

Precision MIG Welding wire provides thin and uniform copper coating, which ensures good conductivity useful for high speed feeding. Our rigorous inspection ensures that the wire gives excellent radiographic quality welds. Our wire is suitable for welding of sheet metal, carbon steels and low alloy steels including structural. steel.

Specifications

Co2 MIG WELDING WIRE	
Type	Solid wire for Co2 or Ar-Co2 mix
Application	Shipbuilding, Steel and pressure vessel construction, Mechanical engineering, Pipe work & Automobile Industry.
Properties	Low-alloy solid wire for MIG/MAG joint welding of structural and pipe steels with Co2 or Ar-Co2 mix.
Classification	AWS/ASME - SFA - 5, 18 ER 70 S-6 IS 6419 : 1996 S4
Sizes	1.6mm, 1.2mm, 1.00mm, 0.80mm
Available in	Drum Pack / Layer / Random Winding



Mild Steel Wires

Precision Drawell offer a wide range of qualitative wires to our customers, by using best technology and high quality continuous wire drawing machines, we are manufacturing a wide range of wires that are used in different applications.

Specifications

PARTICULARS	SIZE	STANDARD
MS Wire	10mm to 0.90mm	SAE 1006, 1008, 1010, 1018
HB Wire	10mm to 1mm	SAE 1006, SAE 1010, SAE 1008
EQ Wire	6mm to 2mm	IS 2879
Annealed Wire	30mm to 1mm	SAE 1006, SAE 1008
Fine Wire	0.50mm, 0.60mm, 0.70mm, 0.80mm	SAE 1006, 1008, 1010

Application Areas:

- Bicycle (spokes, cycle parts & accessories) ■ Welding electrodes
- Hinges ■ Weld mesh ■ Hangers ■ Handles used in Bucket / container / boxes ■ Auto & motor car accessories ■ Trays ■ Spun Pipes
- Construction / Reinforcement



Spring Wires

Spring Steel wires are cold drawn wires made from unalloyed high carbon steel. These wires find application in automobile, cycle and other industrial equipments. We can supply wires to specific customer requirement within the specifications

Specifications

- Diameter :- Range 0.40 mm to 1 mm.
- Grades :- Grade 1, Grade 2, Grade 3
- Uses :- Cold formed helical springs, spring rings and wire forms.
- Packing :- The wire coils are supplied in weight of 10-250 kgs., depending on size of wire.
Spring Steel Wires are normally oiled and packed with polythene and Hessian.



Steel Fibre

ToughCrete steel fibre is cold drawn steel wire fibre crafted from high quality, low carbon steel for applications in cement concrete. It evenly distributes in concrete mixture to provide improved mechanical properties of concrete such as flexural strength, shear strength, fatigue endurance, impact resistance and ductility. ToughCrete is a reliable, cost effective concrete reinforcement that is designed for ease of mixing, placing and finishing.

Features & Benefits of ToughCrete

- Provides uniform, multi-directional concrete reinforcement.
- Improves flexural strength, shear strength, fatigue endurance, impact resistance and ductility of concrete.
- Provides contraction joint stability and crack width control.
- No special equipment required for mixing, placing or finishing.
- Requires less labor to incorporate in concrete applications than conventional reinforcement.
- Offers greater control over project scheduling.
- Compatible with all types of cements and admixtures.
- Backed by team of specialists to ensure optimum product performance and cost efficiency.

- Applications of ToughCrete**
- Sprayed concrete (Shotcreting) in tunnels and mines
 - Commercial and Industrial floors
 - Bridges, Culverts and Hydrodynamic structures
 - Highways & Airport pavements
 - Parking bays and driveways in residential and commercial premises
 - Heavy equipment foundations, Precast concrete products
 - Seismic resistance structures.



QUALITY

Quality is an integral part of Precision Drawell values; we are committed to producing the best possible product that meets or exceeds customer expectations. We perform rigorous quality control checks that begin upon the intake of raw materials i.e. wire rods and continue at each individual stage of the manufacturing process.

Our manufacturing units are installed with state of the art testing facilities. Our vigilant team of quality control technicians carefully scrutinizes every product at each stage of the manufacturing process to weed out all sub-standard products and material.

We have been certified as an ISO 9001:2008 compliant organization.

Precision Drawell Pvt Ltd is one of the leading manufacturers of special grades of Steel Wires in India. Precision Drawell is a unit of Khandelwal Group of companies, started in 1985, has now nurtured into a fast growing company manufacturing different grades of steel wires and wire products.

An ISO 9001-2008 accredited company; Precision has a state-of-the-art wire drawing plants at Nagpur in Maharashtra, India. The plants with current manufacturing capacity of 20000 Mt per annum of these products are slated to 35000Mt per annum very soon.

Equipped with the expertise in drawing steel, Precision has also forward integrated into rolling shaped wires, which is another performance enhancing product and in-time-to come we plan to introduce several other value added products.

VISION

The vision is to develop into a world-leading and professional manufacturer of Steel Wires with a strong innovative capacity, ethical business practices, leading technology, which fosters all-inclusive growth and prosperity for all stakeholders

MISSION

The mission is to emerge as leader in the manufacturing of special grades of Steel Wires and specialty wire products



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