



# USHA PIPE AND STEELS PRIVATE LIMITED

**Manufacturing & Stockist:**

Steel Tubes & Pipes | Angles | Beams | C-Channels | Colour Coated Sheets | Plates | TMT Bars



### ABOUT US

*USHA PIPE AND STEELS PRIVATE LIMITED. Is an ISO certified manufacturer of pipes & steels products. Based in New Delhi, Mr. Sanjay Gupta has extensive knowledge with experience of over three decades in the manufacturing and supply of quality products with competitive prices along with Directors and professional teams who has extensive knowledge in marketing and development, Thus making our company a one of its kind in this sector. Our company whose vision is to provide quality products at competitive prices for all. Our founder has built a team of experts with extensive knowledge in the field to optimize the quality of our offered products and services. Thus, making it possible for us to supply high quality and tested products to our costumers at competitive prices.*

*We offer a wide range of steels products that can be customized to fit our customers wants and desires. Making sure the products offered is of the quality standard while keeping the prices comparatively low is our mission.*

*At Usha Pipe And Steels Private Limited. We believe in NO shortcuts or compromises. Thus, our quality of products includes National and International Standards like ASTM, ISI, IS, DIN, ANSI, MSS etc., making us a vital part of your plans in making your vision of perfection come to Life.*



## USHA PIPE AND STEELS AS TRUE AS STEEL





# STRUCTURE STEELS

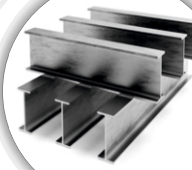
## Angles

A MS angle or mild steel angle is a L-shaped cross-section used in the construction of buildings and structures. The most commonly used MS steel angles are the ones forming a 90-degree angle with two sides of equal length and width.



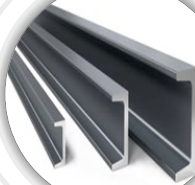
## I Beams

A I beam is a structural element that primarily resists loads applied laterally to the beam's axis. Its mode of deflection is primarily by bending. The loads applied to the beam result in reaction forces at the beam's support points.



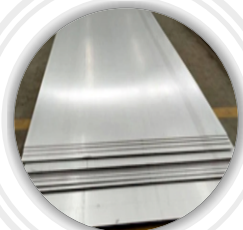
## C Channels

A MS Channels or commonly known as C-channel, because of their C like shape is represented by its Web height & Flange width of the channel (diagram attached). MS Channel primarily carries horizontal gravitational forces and is used for Bus body, EOT cranes and many more Engineering industry needs



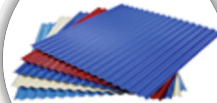
## Sheets / Plates

Sheet metal is used in automobile and truck (lorry) bodies, major appliances, airplane fuselages and wings, tinsplate for tin cans, Roofing for Buildings (Architecture), and many other applications.



## Metro Sheets

A Metro Roofing Sheet is broadly recognized in the market for its smooth surface and water proof quality. This sheet is used to give protection to terrace, Railway Station, Parking area, Building and so forth.



# STRUCTURE STEELS

## Z Purlines

Z purlins or zed purlins are horizontal beams that are designed to form the roof and wall joists of a building shell structure. They sit between the roofing sheets and the building, acting as a support for the sheet to ensure it is firmly attached and safely in place.

## Tmt Bars

TMT BARS or Thermo-Mechanically Treated bars are high-strength reinforcement bars having a tough outer core and a soft inner core. The very first step of the manufacturing process involves passing the steel wires through a rolling mill stand.

## Khaprail Sheets/tile Sheets

Roof tiles are designed mainly to keep out rain, and are traditionally. These sheets are suitable for installing on walls and roofs. Due to their low price and high durability, they are commonly used in industrial and residential applications

## Ridges

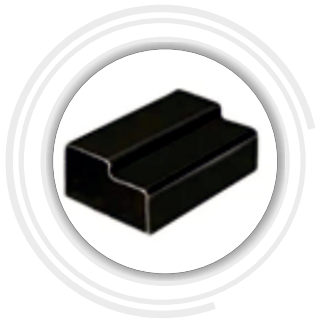
The ridge is the upper line of the roof that joins the 2 roof pitches. It is the split line of rain waters. Ridge is also used for the wooden part, also called the ridge beam or the roofing element that covers and protect the ridge beam (also called ridge capping).

## Rods

A Rods/Bars is widely used in machinery and auto mobile manufacturing. It is cheap, suitable for different cutting and coating methods and has good weld ability while providing good enough physical properties..



## DIFFERENT SHAPES OF PIPES



### *Applications of Single Door Frames*

- Used in making Steel door frames
- Superior quality that ensures longer life
- Great durability to endure severe conditions



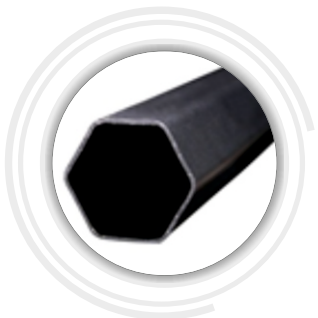
### *Applications of D Section Pipes*

- Used in railings for balconies, roofs, etc
- Lightweight enabling easy movement
- Crafted with precision ensuring uniformity



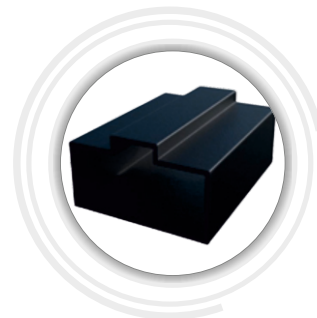
### *Applications of Curve Rectangle Pipes*

- High strength against climate condition
- Use in brigading
- Construction industry



### *Applications of Hexagon Pipes*

- Automobile industry
- Customized pipe
- Widely used in furniture, railings



### *Applications of Double Door Frames*

- Used in making steel doors frames,
- Superior quality that ensures longer life
- Great durability to endure severe conditions

## DIFFERENT SHAPES OF PIPES



### *Applications of Oval Pipes*

- Used in furniture, gym .Equipment and other - fabrication work.
- High strength to withstand pressure
- Great durability, able to endure severe conditions



### *Applications of Handrail Pipes*

- Used as replacement for wooden handrail
- High strength that's able to withstand pressure
- Great durability to endure severe conditions



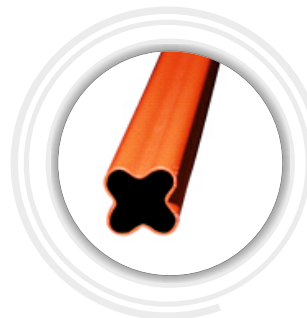
### *Application of Star Shape Pipes*

- Innovatively designed to be free from. Termite
- superior quality that ensures longer life
- Customized uses.



### *Application of Wooden Shape Handrail Pipes*

- Used in grilles, as a design element
- Contemporary design , replacing traditional round pipes
- High strength to withstand pressure



### *Application of Flower Shape Pipes*

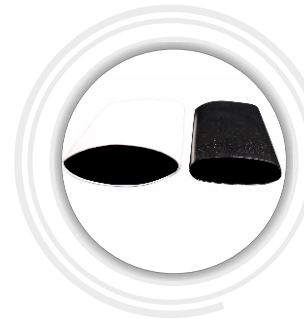
- Customized uses
- Use in railing
- Construction industry

## DIFFRENT SHIDES OF PIPE



### *Application of Square C Shape Pipes*

- Superior quality that ensures longer life
- Used in fancy electric polls
- High strength to withstand pressure



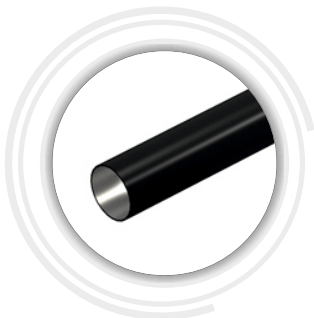
### *Application of Capsule Pipes*

- Used in transformers and furniture
- High strength to withstand pressure
- Economical with minimal maintenance cost



### *Application of Square Pipes*

- Used in grills, railings and furniture
- Lower cost as compared to bars
- Great durability to endure severe conditions



### *Application of Round Pipes*

- Low diameter to high diameter pipes.
- Used in machinery and industrial equipment
- Used in Rail and agriculture machine



### *Application of Rectangular Pipes*

- Longer life
- High strength
- Used in deck and balcony






## Usha Pipe And Steels Private Limited

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