



[www.kesrialloys.com](http://www.kesrialloys.com)



***Kesri Alloys  
Competes with the  
best in the world and  
constantly strives to  
add value beyond  
imagination.***



*Looking  
Forward  
Sustainable  
&  
Mutually  
Rewarding  
Relations*

FOR ENQUIRIES : [kesri.mail@gmail.com](mailto:kesri.mail@gmail.com)

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An ISO Certified, manufacturer of Carbon Steel and Alloy Steel Ingots, Round Bars, Square Bars, Flat Bars and Forged Bars for diversified engineering applications.

Kesri Alloys is customer focused, innovative and value-driven company, which manufactures, processes and distributes Steel products to their valuable customers worldwide.

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**Kesri Alloys is well equipped with ultra modern Steel making technologies.**

**The ultra modern calibrated testing facilities in Kesri Alloys, ensures highest quality standards.**

# MANUFACTURING FACILITY

## Melting and Casting Shop

- Scrap Preheating Furnaces
- Electric Melting Furnaces – 500 Kgs to 18000 Kgs
- Digital immersion pyrometers
- Carbon Silicon Analyzer
- Ingot Casting
- Bottom Pouring Ladles – 100 Kgs to 18000 Kgs

## Heat Treatment Facility

We have Gas fired PLC controlled heat treatment furnace which ensures uniformity in temperature. With better control comes higher consistency and thereby excellent mechanical properties. Our specially designed heat treatment furnace can treat bars up to 7 meters.

### Heat Treatments available:

- Annealing
- Hardening
- Tempering
- Stress relieving / Normalizing

# QUALITY CONTROL

## Testing Facilities

- Optical Emission Spectrometer
- Mobile Handheld Spectrometer
- Fully Equipped Wet Analysis Laboratory
- Computerized Universal Testing Machine
- Brinell Hardness Testing
- Rockwell Hardness Testing
- Poldi Hardness Tester
- Jominy Hardenability Testing
- Impact Testing
- Ultrasonic Testing
- Magnetic Particle Inspection
- Dye Penetrant Testing
- Radio Activity Testing
- Surface Testing
- Bar Straightness Testing
- Metallurgical Microscope
- Sample Cutting & Polishing machine
- All Dimensional Instruments & gauges are available

# INGOTS

Kesri Alloys is manufacturing Ingots since long, when it began producing steel, and has virtually gained expertise over the period of time.

Kesri Alloys offers Carbon Steel and Alloy Steel Ingots for Forging, Ring Rolling, Up-setting and Rolling applications.

Kesri Steels offers variety of ingots in Square, Octagonal (Fluted) and Round shapes, Weighing from 60 kgs upto 12000 Kgs in different sizes. For details, please visit our website.



# GRADES

Kesri Alloys manufactures more than 100 grades in Carbon Steel & Alloy Steel and popular grades are readily available.

## Carbon Steel Grades

- En8A, En8B, En8C, En8D, En9, C-45, C-50, SA 105
- CL I, CL II, CL III, CL IV, CL V, CL VI
- AISI 1008, 1010, 1015, 1018, 1020, 1025, 1030, 1040

## Alloy Steel Grades

- En15A, En15B, LF2, En201
- 16MnCr5, 20MnCr5, En18, En31,
- AISI 52100
- AISI 8620, 4130, 4140, 4150
- En19, En24, En25, En36C, En47, En353, En354
- F-11, F-12, F-22

...and many more

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**KESRI**  
ALLOYS  
PRIVATE LIMITED

# ROLLED BARS

Kesri Alloys maintains optimum reduction ratios while hot rolling by selecting the most appropriate Ingot size resulting in complete breakage of "as cast structure" and thereby promoting better internal soundness in the rolled bars. These Rolled Bars are available in Alloy Steel & Carbon Steel.

## Round Bars Sizes

25mm to 180mm

## Square Bars Sizes

25mm to 125mm

## Flat Bars Sizes

Width	Thickness
25 mm to 250mm	8mm to 40mm

# FORGED BARS

Kesri Alloys manufactures Forged Bars for the various Industries worldwide.

**Forged Bars Sizes:** 150mm to 500mm

## Supply Conditions

- All products are suitable for Ring Rolling, Forging, Re-rolling and Up-setting
- Round Bars are also supplied in Straightened Condition (up to 1.5 mm per mtr.)
- Forged bars are available in all shapes (round, square, etc)
- Forged bars are available in forged or proof machined condition
- Ultrasonically tested in accordance with ASTM standard
- Heat Treated – Annealed / Normalized

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# INDUSTRIES SERVED

*Steel Plants*

*Power Sector*

*Valve Industry*

*Sugar Industry*

*Oil Field Industry*

*Cement Industry*

*Fertilizer Industry*

*Crushing Industry*

*Shipping Industry*

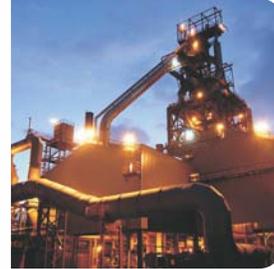
*Chemical Industry*

*Automobile Industry*

*Earth Moving Industry*

*Mining & Mineral Industry*

*Heavy Engineering Industry*



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**Manufacturer of:**

Ingots | Rolled Bars | Square Bars | Forged Bars | Flats

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