



WWW.KESRIALLOYS.COM



BROCHURE 2022

INGOTS | ROLLED BARS | SQUARE BARS | FORGED BARS | FLATS



LOOKING FORWARD SUSTAINABLE & MUTUALLY REWARDING RELATIONS

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

FOR ENQUIRIES :

kesri.mail@gmail.com | www.kesrialloys.com



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 valued 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.**



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
- ✓ Tempering
- ✓ Hardening
- ✓ Stress relieving / Normalizing

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THE ULTRA MODERN CALIBRATED TESTING FACILITIES IN KESRI ALLOYS,

MANUFACTURING FACILITY

Testing Facilities

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

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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.

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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

Carbon Steel Grades

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

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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 : 25 mm to 250mm

Thickness : 8mm to 40mm

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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, Rerolling 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