

# Ambica Steels Limited

## THE LEADING INTEGRATED STAINLESS STEEL PRODUCER

Producing over 80,000 tons/year, Ambica is India's biggest "SPECIALITY STAINLESS STEEL" long products producer.

A Family Owned Enterprise founded in 1970, Ambica's product range includes Bright Bars, Cold Drawn Squares & Hexagons, Flat Bars, Forging Ingots and Concast Billets in over 100 Stainless Steel grades. Ambica is a truly customer-focused company and continuously aims to satisfy its valuable customers.

Ambica is also the leading producer of Precipitation Hardening Steels (17-4, 630, 1.4542) conforming to AMS specifications for the Aerospace Industry and Oil & Gas Industry.

Ambica Steels is the largest producer of Duplex Stainless Steel Long Products in India. Ambica Steels produces these materials for a wide variety of applications and industrial sectors, e.g. Pulp and paper industry, Desalination plants, Flue-gas cleaning, Cargo Tanks and pipe systems in chemical tankers, Seawater systems, Firewalls and blast walls on the offshore platforms, Bridges, Components for structural design, Pressure Vessels, Heat exchangers, Water heaters etc.

These user segments are the benchmark for quality. Ambica Steels offers various materials in the Duplex 1.4462 grade like Concast Billets, Hot Rolled & Bright Bars, and Forging Ingots. Ambica Steels is currently exporting these materials to various countries worldwide and the demand is increasing. Our round bars in Duplex 1.4462 grade meet optimum PREN values and qualify for the Notch values of 50 - 60 Joules, in sub-zero temperatures of up to 100 Degrees. Round sizes available are 16 mm up to 100 mm diameter in lengths up to 7.5 meters.



Due to its two-phase microstructure, Duplex steels are extremely tough to produce. It took us more than several years of constant trials & errors at Ambica Steels, before gaining a complete control over this steel. The dual phase structure demands a perfect balance in the chemistry of these steels. Duplex steels also show an irregular behaviour when undergoing various hot working processes. But thanks to the strong determination of our Research & Development team, as Ambica Steels now enjoys the reputation of being one

of the most reliable suppliers of Duplex materials in the domestic as well as the international market.



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



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