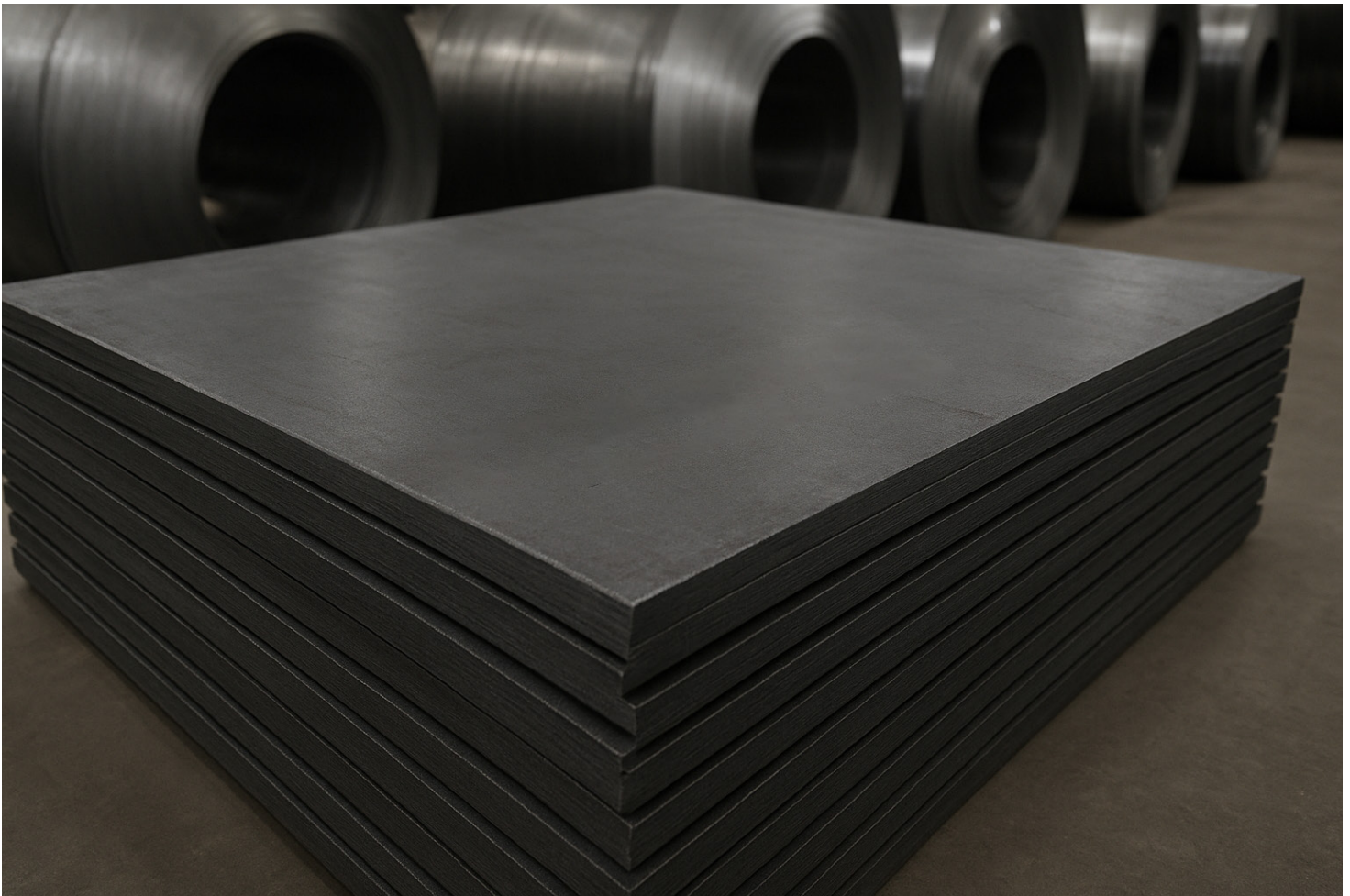




# NAVGRAHA STEELS INC

**Stockist & Supplier**



**ASTM A36 Steel**  
**Plates, Sheets & Coils**

**+91-9619267263 | [Reachus@navgrahasteelsinc.com](mailto:Reachus@navgrahasteelsinc.com) | [www.navgrahasteelsinc.com](http://www.navgrahasteelsinc.com)**

## Introduction – What is ASTM A36 Steel?

ASTM A36 is a low carbon, structural quality steel used in construction, fabrication, and general engineering. It is known for excellent weldability, good machinability, moderate strength with toughness, and wide availability at competitive cost.

## Mechanical Properties – ASTM A36 Steel

Property	Requirement
Tensile Strength	400–550 MPa (58–80 ksi)
Yield Strength (min)	250 MPa (36 ksi)
Elongation (min)	20% (200 mm) / 23% (50 mm)
Brinell Hardness (approx.)	119–162 HB

## Chemical Composition – ASTM A36 Steel

Element	% (Max / Typical)
Carbon (C)	≤ 0.25 (plates ≤ 25 mm)
Manganese (Mn)	0.60 – 0.90
Phosphorus (P)	≤ 0.040
Sulfur (S)	≤ 0.050
Silicon (Si)	≤ 0.40
Copper (Cu)	≥ 0.20 (when specified)

## Product Forms

- Plates – Structural fabrication, bridges, shipbuilding
- Sheets – General construction, enclosures, light fabrication
- Coils – OEM processing, laser cutting, cold forming
- Bars, Angles, Beams, Channels – Structural engineering

## ***Delivery Condition & Processing***

- Supplied in hot-rolled (HR) condition
- Can be normalized on request
- Readily machinable, weldable & bendable
- CNC cutting, shearing, plasma cutting available

## ***Standard Dimensions – ASTM A36 Steel***

Parameter	Range
Thickness	3 – 200 mm
Width	1000 – 3000 mm
Length	3000 – 13000 mm

## ***Applications Across Industries***

- Bridges, buildings & industrial structures
- Storage tanks & containers
- General engineering & fabrication
- Shipbuilding & marine structures
- Base plates, flanges, brackets

## ***Buyer's Checklist – ASTM A36***

- ASTM A36 / ASME SA36 mention
- Tensile & yield strength confirmation
- Mill Test Certificate (MTC EN 10204 3.1)
- Surface finish requirement (HR, shot blasted, painted)
- TPI approval (if project driven)

## ***Why Buy ASTM A36 from Navgraha Steel INC?***

- Ready stock in plates, sheets & coils
- Fast dispatch with CNC cutting facilities
- Mill Test Certificates (MTC) with traceability
- Strong supply presence across India, GCC, Africa

# Request Price & Datasheet

Looking for 16Mo3 Plates from  
SAIL, AMNS, JSPL, Evonith?



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