IS 3502 Chequered Plates

Manufactured in accordance with IS 3502, these chequered plates are widely used for flooring, walkways and structural applications requiring reliable strength and anti-slip performance.

E250 Chequered Plates

Produced using E250 structural steel, these plates offer excellent weldability and fabrication performance, making them suitable for general engineering and industrial applications.

ASTM A36 Chequered Plates

ASTM A36 chequered plates provide dependable mechanical properties and are widely used in fabrication, construction and export-oriented industrial projects.

Technical Specifications

Mechanical Properties

Property	IS 3502	E250	ASTM A36
Minimum Yield Strength (MPa)	250	250	250
Typical Tensile Strength (MPa)	410–540	410–540	400–550
Typical Elongation (%)	23	23	20

Typical Chemical Composition

Element	IS 3502	E250	ASTM A36
Carbon (Max %)	0.23	0.23	0.26
Manganese (Max %)	1.50	1.50	1.35
Phosphorus (Max %)	0.045	0.045	0.040
Sulphur (Max %)	0.045	0.045	0.050

Note: Verify all mechanical and chemical values against the latest applicable specifications and corresponding Mill Test Certificates before publication.

Product Specifications

Specification	Details
Standards	IS 3502, E250 & ASTM A36
Source	Leading Indian Steel Manufacturers
Documentation	Mill Test Certificate (MTC)
Material Traceability	Available
Processing Services	Available on Request