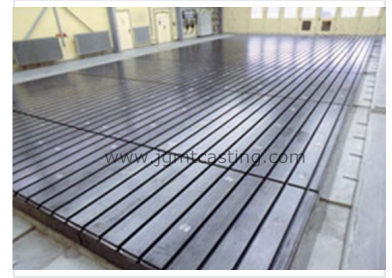


Cast Iron Machine Base Plates

These base plates are constructed from high-strength cast iron GG20-GG30 (HT200-300). They are available in sizes ranging from 100mm*100mm to 3000mm*8000mm, with larger sizes available by drawing.



Overview

High-Precision Industrial Base Plates

These cast iron base plates serve as essential reference planes for precision measurement, inspection, and mechanical testing in machinery manufacturing. Engineered for high stability, they provide excellent vibration damping and wear resistance, making them ideal for large equipment bases and tool shop repairs. With versatile fixturing options like T-slots, these plates ensure accurate setups for flatness, straightness, and tolerance testing.

Material Specifications

Hardness Range

170 HB

Min Hardness

240 HB

Max Hardness

Raw Material

GG20, GG25, GG30, HT200, HT300

Technical Standards

Flatness Accuracy Grades

- DIN876/0 (High Precision)
- DIN876/I
- DIN876/II
- DIN876/III

Applications

Primary Applications

Machining • Tool Shop • Measuring Rooms • Precision Grinding • Equipment Bases • Assembly

Design Features

Fixturing & Clamping

- Grid pattern T-slots
- Threaded inserts
- Precision machined surface

Performance

Key Benefits

- High-strength construction
- Excellent vibration damping
- Superior wear resistance
- Maintains dimensional accuracy