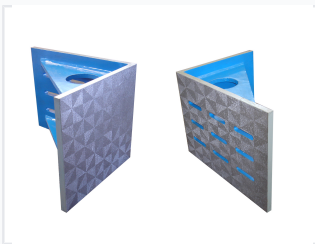


Cast Iron Angle Plate for Precision Measurement

This cast iron angle plate, made of HT250 material, is used to test perpendicularity and parallelism. It can also serve as a verification standard for 90-degree angles.



ADDITIONAL IMAGES



Overview

High-Precision Cast Iron Angle Plate

Engineered from durable HT250 cast iron, this angle plate serves as a critical verification standard for 90° perpendicularity and parallelism. It provides a stable, rigid platform for holding workpieces at precise angles during milling, drilling, and grinding operations. Designed for toolrooms and quality control departments, it ensures exceptional dimensional stability and vibration dampening for high-accuracy machining and inspection tasks.

Material & Construction

Material Grade
HT250 Cast Iron

Construction Features Precision-Ground Surface, Vibration Dampening, High Rigidity, Wear Resistant

Technical Specifications

Precision Grade Table (㎜)

Size (mm)	Perpendicularity (G1/G2/G3)	Measuring Surface Flatness (G1/G2/G3)	Datum Surface Flatness (G1/G2/G3)
200 × 200	8 / 16 / 30	4 / 8 / 16	6 / 12 / 24
300 × 200	10 / 20 / 40	5 / 10 / 20	8 / 16 / 30
300 × 300	10 / 20 / 40	5 / 10 / 20	8 / 16 / 30
400 × 300	12 / 24 / 45	6 / 12 / 24	10 / 20 / 40
400 × 400	12 / 24 / 45	6 / 12 / 24	10 / 20 / 40
500 × 400	- / 28 / 50	- / 14 / 28	- / 24 / 48
500 × 500	- / 28 / 50	- / 14 / 28	- / 24 / 48
800 × 600	- / 35 / 60	- / 18 / 35	- / 28 / 55

Customization & Options

Customization Options

- Special sizes manufactured to requirement
- Custom design services
- Large size availability
- T-slots can be opened per request

Applications

Key Performance Metrics

90 °

Verification Standard

250 HT

Cast Iron Grade

Primary Applications

Perpendicularity Testing, Parallelism Verification, 90° Standard Reference, Machining Fixture, Workpiece Alignment