

Beam Clamp

◆ Short Description

Heavy-duty Beam Clamp designed for secure attachment to structural steel beams without drilling or welding. Provides reliable suspension point for threaded rods, pipes, cable trays, and mechanical services installations.

◆ Product Overview

The Beam Clamp is manufactured from high-strength forged or cast steel and features an adjustable clamping screw mechanism for secure grip on I-beams and structural steel sections. It enables fast installation and repositioning without damaging the supporting structure.

Suitable for construction, HVAC, electrical, plumbing, and industrial applications. Designed for OEM programs, distributor supply, and export markets.

◆ Quick Specifications

Material Options

- Carbon Steel
- Malleable Cast Iron
- Forged Steel
- Stainless Steel (on request)

Surface Finish Options

- Zinc Plated (White / Yellow)
- Hot-Dip Galvanised
- Plain / Self Colour
- Special coatings upon request

Size Range

Available in multiple sizes to suit various beam flange thicknesses. Compatible with threaded rods such as M8, M10, M12, M16 and other sizes upon request.

Standards

Manufactured as per industry standards or customer-approved drawings.

Load ratings and compliance documentation available upon request.

Customisation Availability

- Custom jaw openings
- Modified screw lengths
- Special thread configurations
- Private-label packaging
- Bulk export configurations

Technical Specification Sheet

Product Description

Mechanical clamping device for attaching threaded rods or fixtures to structural steel beams without drilling or welding.

Components

- Clamp Body (Forged / Cast)
- Clamping Screw / Set Screw
- Hex Nut
- Washer (where applicable)

Manufacturing Process

- Forging or casting of clamp body
- Precision machining of threads
- Surface finishing and coating
- Assembly and quality inspection

Material Grades

- Mild / Carbon Steel
- High Tensile Steel
- Stainless Steel (304 / 316 upon request)

Surface Finishes

- Zinc plated
- Hot-dip galvanised
- Custom finish upon request

Dimensional Control

Manufactured within specified dimensional tolerances according to approved drawings or applicable engineering standards.

Testing & Inspection

- Dimensional inspection
- Thread verification (Go / No-Go gauges)
- Visual inspection
- Load testing (upon request)
- Material Test Certificate (EN 10204 3.1 upon request)

Typical Applications

- HVAC installations
- Pipe suspension systems
- Cable tray support
- Fire sprinkler systems
- Industrial structural fastening

Installation Note

Position clamp over beam flange and tighten clamping screw to recommended torque. Ensure proper alignment and load direction. Do not exceed rated load capacity.


Export & Packaging


Available in:

- Loose cartons
- Small retail packs
- Palletised loads
- Private-label cartons
- Bulk container shipments

Manufactured strictly to approved standards or customer drawings. Suitable for OEM programs, distributor supply, and export markets.

Discuss bulk supply or OEM programs:

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