

# TAPER WASHER

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## Short Description

High-quality Taper Washer designed to provide angular correction and uniform load distribution in structural and fastening applications. Ideal for use with channels, I-beams, and uneven surfaces where proper alignment is required.

## Product Overview

The Taper Washer is a precision-engineered component used to compensate for angular misalignment between surfaces. It ensures even load distribution when tightening bolts on sloped or tapered sections such as steel channels and beams. Manufactured using high-grade materials, it enhances joint stability and prevents bolt bending or stress concentration.

## Quick Specifications

### Material Options

- Carbon Steel
- Stainless Steel (AISI 304 / AISI 316)
- Alloy Steel
- Other grades on request

### Surface Finish Options

- Zinc Plated
- Hot-Dip Galvanised
- Black Oxide
- Plain Finish
- Custom coating upon request

### Size Range

Available in various sizes to suit different bolt diameters and applications.  
Common sizes: M6, M8, M10, M12, M16, M20 (custom sizes available upon request).

### Standards

Manufactured as per industry standards or customer-specific drawings.

### Customisation Availability

- Custom dimensions
- Special material grades
- Surface treatments
- OEM branding and packaging
- Bulk supply options

## Technical Specification Sheet

### Product Description

Tapered washer designed to correct angular misalignment and provide stable seating for bolts in structural applications.

### Manufacturing Process

- Precision stamping / machining
- Surface finishing
- Quality inspection and testing

### Material Grades

- Carbon Steel
- Stainless Steel 304 / 316
- Alloy Steel
- Other materials upon request

### Surface Finishes

- Zinc Plated
- Hot-Dip Galvanised
- Passivated Stainless Steel
- Custom finishes available

### Dimensional Control

Manufactured within strict tolerances as per approved drawings or relevant engineering standards.

### Testing & Inspection

- Dimensional inspection
- Surface finish inspection
- Material testing (on request)
- Quality certification available

### Typical Applications

- Structural steel connections
- Channel and beam installations
- Industrial machinery mounting
- Construction and infrastructure projects

#### Installation Note

Place the taper washer between the bolt head/nut and the angled surface to ensure proper alignment and even load distribution. Tighten to recommended torque values.

#### Export & Packaging

Available in:

- Bulk cartons
- Small retail packs
- Palletised shipments
- Custom packaging options

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