

# Hose Clamp

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## Short Description (Beside Product Image)

Worm-drive hose clamp designed for secure fastening of hoses onto pipes, fittings, and spigots. Manufactured in carbon steel or stainless steel with corrosion-resistant finishes. Suitable for automotive, industrial, plumbing, and fluid transfer applications. Available in multiple sizes to accommodate different hose diameters.

## Product Overview

Hose clamps are mechanical fasteners used to attach and seal hoses onto fittings such as barbs, nipples, or pipe outlets. The worm-drive mechanism allows precise tightening and reliable clamping force to prevent leakage or hose detachment.

Canco Fasteners manufactures hose clamps to applicable international standards or to customer drawings, supporting OEM programmes, distributor supply, and bulk export requirements.

## Quick Specifications

### Material Options

- Carbon Steel
- Stainless Steel (AISI 304)
- Stainless Steel (AISI 316)
- Other grades subject to customer specification

### Surface Finish Options

- Electro-Galvanised (Zinc Plated)
- Hot-Dip Galvanised
- Plain / Self-colour
- Passivated (for stainless steel)
- Special coatings subject to specification

### Size Range

Available in various diameter ranges to suit different hose sizes. Typical sizes range from small automotive hoses to large industrial hose assemblies. Custom dimensions available subject to drawing approval.

### Standards

- SAE J1508 (where applicable)
- DIN 3017
- Or manufactured to customer specification
- Compliance documentation available upon request

### **Customisation Availability**

- Custom diameter ranges
- Material grade changes
- Special surface treatments
- Private-label packaging
- Bulk export configurations

## **Technical Specification Sheet**

### **Product Description**

Mechanical clamp for securing hoses onto pipes, fittings, or spigots to prevent fluid leakage. The worm-drive screw mechanism enables adjustable tightening and reliable sealing.

### **Components**

- Perforated band
- Worm drive screw housing
- Tightening screw

### **Manufacturing Process**

- Band stamping and perforation
- Screw machining or cold forming
- Housing assembly and forming
- Controlled finishing and coating

### **Material Grades**

- Mild / Carbon Steel
- Stainless Steel 304
- Stainless Steel 316
- Other materials as specified

### **Surface Finishes**

- Zinc plated
- Hot-dip galvanised
- Passivated stainless steel
- Custom finish upon request

### **Dimensional Control**

Manufactured to specified dimensional tolerances in accordance with applicable standards or approved customer drawings.

### **Testing & Inspection**

- Dimensional inspection
- Thread verification
- Visual surface inspection

- Material certification (EN 10204 3.1 available upon request)

#### Typical Applications

- Automotive hose connections
- Industrial fluid transfer systems
- Plumbing and water lines
- HVAC installations
- Marine and agricultural equipment

#### Installation Note


Proper installation requires selecting the correct clamp size and tightening torque to ensure adequate sealing without damaging the hose.


#### Export & Packaging

- Loose cartons
- Palletised loads
- Private-label cartons
- Bulk export quantities

Canco Fasteners manufactures hose clamps strictly to approved standards or customer drawings. Products are available for OEM programmes, distributor supply, and containerised export shipments.

#### Discuss bulk supply or OEM programmes

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