

MS/SS SPRING WASHER

Short Description (Beside Product Image)

Spring washers are split lock washers designed to prevent loosening of fasteners due to vibration and dynamic loads. Manufactured from carbon steel or stainless steel with corrosion-resistant finishes, suitable for construction, machinery, electrical, and industrial applications.

Product Overview

Spring washers (split lock washers) are used with bolts and nuts to maintain tension and reduce the risk of loosening under vibration or movement. The split ring design provides spring force that maintains pressure in the fastened assembly.

Canco Fasteners manufactures MS and Stainless Steel spring washers according to international standards or customer drawings for OEM supply, distributors, and export markets.

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

Black / Phosphated

Passivated (for stainless steel)

Size Range

Available in metric sizes such as M3, M4, M5, M6, M8, M10, M12, M16, M20 and above depending on application requirements.

Standards

DIN 127

DIN 7980

Or manufactured as per customer drawing/specification

Customisation Availability

Custom dimensions
Material grade changes
Special surface treatments
Private label packaging
Bulk export configurations

Technical Specification Sheet

Spring Washer – Technical Data

Product Description

Split lock washer designed to provide spring tension in bolted assemblies to help resist loosening due to vibration, dynamic loads, or thermal changes.

Manufacturing Process

Steel strip stamping
Forming and splitting
Heat treatment (where applicable)
Surface 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
Black / phosphated
Passivated stainless steel
Custom finish upon request

Dimensional Control

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

Testing & Inspection

Dimensional inspection
Hardness testing
Visual surface inspection
Material certification (EN 10204 3.1 available upon request)

Typical Applications

Mechanical assemblies
Construction fasteners
Automotive components
Electrical installations
Industrial machinery

Installation Note

Install the spring washer between the nut or bolt head and the mating surface. Proper tightening torque should be applied to ensure effective locking.

Export & Packaging

Loose cartons
Palletised loads
Private-label cartons
Bulk export quantities

Canco Fasteners manufactures spring washers strictly to approved standards or customer drawings and supplies OEM, distributor, and export markets.

Discuss bulk supply or OEM programmes

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