

Countersunk Head Phillips SDS Screw

Short Description (Beside Product Image)

Self-Drilling Screw (SDS) with countersunk head and Phillips drive, designed for fastening metal to metal or metal to steel structures without pre-drilling. Manufactured from high-grade carbon steel or stainless steel with corrosion-resistant surface finishes.

Product Overview

Countersunk Head Phillips SDS Screws are engineered for efficient drilling and fastening in a single operation. The drill point eliminates the need for pilot holes in light to medium gauge steel, while the countersunk head provides a flush surface finish after installation.

These screws are widely used in sheet metal fabrication, roofing, cladding, HVAC installations, and general construction applications. Manufactured to international standards or customer drawings, supporting OEM supply and bulk export requirements.

Quick Specifications

Material Options

- Carbon Steel (Case Hardened)
- Stainless Steel (AISI 304)
- Stainless Steel (AISI 410)
- Other grades subject to customer specification

Surface Finish Options

- Zinc Plated (Clear / Blue / Yellow)
- Ruspert Coated
- Mechanical Galvanised
- Plain (for stainless steel)
- Custom coatings available upon request

Head Type

- Countersunk (Flat) Head
- Phillips Drive (Cross Recess)

Thread Type

- Self-Drilling Thread

- Fine or Coarse thread options available

Size Range

Available in multiple diameters and lengths suitable for light to medium gauge steel applications. Custom sizes available subject to drawing approval.

Standards

Manufactured in accordance with DIN / ISO standards where applicable.

Compliance documentation available upon request.

Customisation Availability

- Custom dimensions and thread design
- Special drill point configurations
- Surface coating as per environment requirement
- Private-label packaging
- Bulk export configurations

Technical Specification Sheet

Countersunk Head Phillips SDS Screw – Technical Data

Product Description

Self-drilling fastener designed to drill, tap, and fasten in a single operation, providing flush surface finish with countersunk head profile.

Manufacturing Process

- Cold heading
- Thread rolling
- Drill point forming
- Case hardening (for carbon steel variants)
- Surface coating and finishing

Material Grades

- Carbon Steel – Case Hardened
- Stainless Steel 304
- Stainless Steel 410
- Other materials as specified

Surface Finishes

- Zinc plated
- Ruspert coated
- Mechanical galvanised
- Plain 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 gauge verification
- Drill performance testing
- Surface coating thickness verification
- Material certification available upon request

Typical Applications

- Sheet metal fastening
- Roofing and cladding systems
- HVAC duct installation
- Metal framing and fabrication
- General construction applications

Installation Note

Use appropriate speed and torque settings during installation. Ensure compatibility with substrate thickness and material grade. Proper driver bit selection is required for optimal performance.

Export & Packaging

Available in:

- Small retail packs
- Bulk cartons
- Palletised loads

- Private-label packaging
- Containerised export quantities

Manufactured strictly to approved standards or customer drawings. Available for OEM programmes, distributor supply, and bulk export shipments.

Discuss bulk supply or OEM programmes

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