

# SELF DRILLING SCREW

Engineered to consistent performance and speed, Welfast Self Drilling Screws offer quality with precision. These are cold formed with rolled thread for superior strength and fast drilling performance. Strictly adhering to DIN Standards, Welfast Self Drilling Screws are available in a dynamic assembly of Hex, CSK-Philips, Truss & Pan Heads with lengths ranging from 13mm – 150mm. Additional options of thread types, drilling point lengths and coating value adds to selection.

## Features

- ◆ Single drilling process eliminates the need of alignment or pre-drilled holes ensuring **PRECISION**.
- ◆ Smooth threads allow easy self-tapping through the structure with **MINIMAL EFFORTS**.
- ◆ Allows fastening to both, timber and steel, giving **DUAL FUNCTIONALITY**.

## Material Specifications

Parameter	Specifications
Material	C1022 – Case Hardened Steel
Head Type	Hex, CSK, Truss & Pan
Coating	Blue Zinc / Xylan-Dacromet Coated
Thread Type	Coarse / Fine / Double-Thread
Fitting Accessory	Hex Magnetic Nut Setter (M8x50/65)

## Mechanical Data

Size	Drill Point	Drill Capacity (mm)
M3.9 (#7)	#2	0.5-1.0 mm
M4.2 (#8), M4.8 (#10)	#2	1.0-2.0 mm
M4.8 (#10)	#3	1.0-3.0 mm
M5.5 (#12)	#3.5 #4	2.0-4.5 mm 6.0-7.0 mm

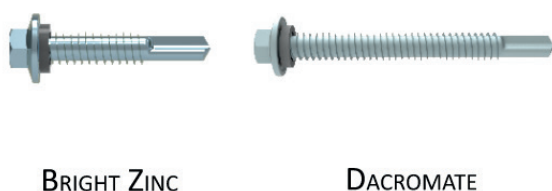
## THREAD TYPES



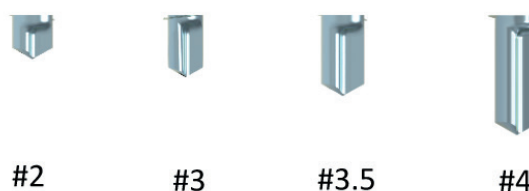
## HEAD TYPES



## SURFACE FINISH



## DRILL POINTS



# TRUSS HEAD SDS

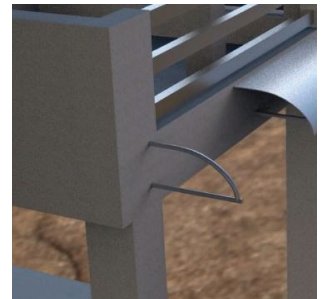
WELFAST TRUSS Head Self Drilling Screw (also known as Wafer Head SDS) is a flatter and wider than a typical round or pan head screw but serves the same purpose. They feature an over-sized domed head with a flange, similar to an integral washer. These have a 100-degree undercut which creates a larger area beneath the screw's head for a larger bearing surface.

## Features

- ◆ Wide head distributes holding pressure which **SAVES MATERIAL FROM DAMAGE**.
- ◆ Wafer head provides both a sleek low-profile finish and **EXCELLENT CLAMPING**.
- ◆ Non-walking point provides **FAST MATERIAL ENGAGEMENT**.

## Applications

- ◆ For using in object like polycarbonate sheet, shadow cover.
- ◆ Residential steel frame construction.
- ◆ Secure metal wire to steel framing.



## INSTALLATION INSTRUCTIONS

- ◆ Insert and center Screwdriver Bit PH2 (S2 x 65mm) in the drill machine's chuck.
- ◆ Clean any metal shavings build-up on the bit after-which attach a screw with screwdriver bit.
- ◆ Slow press trigger till drilling tip of the screw rests against metal. Increase speed when screw aligns to center.
- ◆ Stop drilling when the head of the self-drilling screw tightens against the surface of the metal.

## Material Specifications

Parameter	Specifications
Diameter Range	4.2mm (#8)
Length Range	13mm – 50mm
Coating	Blue Zinc Electro-Plated
Thread Type	Coarse Thread
Fitting Accessory	Screwdriver Bit PH2 (S2 x 65mm)

## Specifications

