

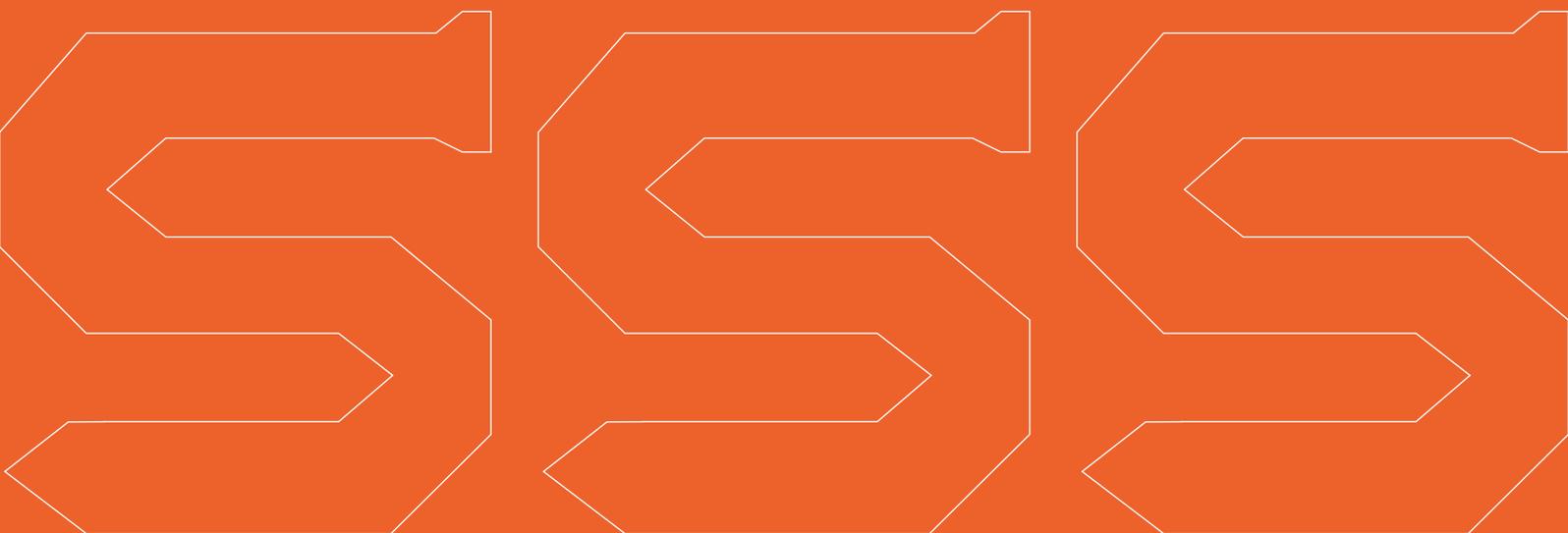
SCREWORKSTM

Stratus Steel Pvt. Ltd.

METAL SHEETING SELF DRILLING SCREW



BIS CERTIFIED IS 18476:2023



INTRODUCTION

Screwworks is committed to designing and manufacturing high-precision fixing and fastening solutions for the Roofing, sheeting and steel framing construction sectors. With a growing Domestic & International Presence, we continue to uphold our strong family business values. These values shape every aspect of our work, ensuring consistent quality, reliability, and excellence in our products and services. We are a brand built on manufacturing expertise, delivering screws engineered to hold strong and last long.



We are a brand with manufacturing expertise, delivering screws that are built to hold and last.

OUR VISION

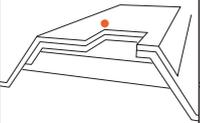
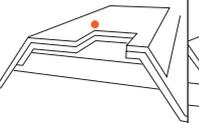
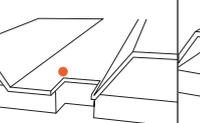
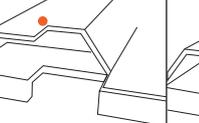
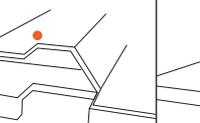
At Screwworks, our vision is to deliver technically sound support that extends beyond product supply. We focus on providing engineered guidance, application-specific assistance, and reliable problem resolution. By aligning with our customers' technical requirements, we ensure consistent performance and support throughout every stage of project execution.

OUR PHILOSOPHY

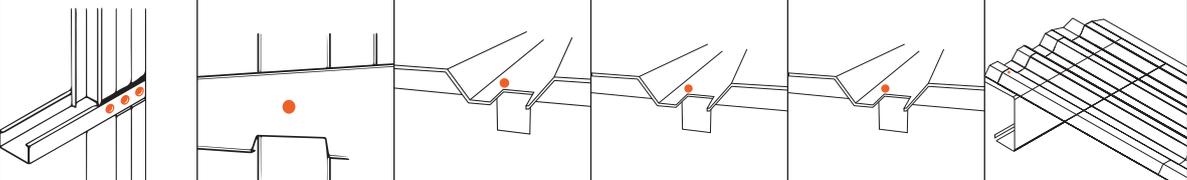
Our philosophy is driven by innovation, precision engineering, and process excellence. We are committed to developing high-quality fastening solutions that not only comply with but surpass industry specifications. Through continuous R&D, material optimization, and rigorous quality control, we strive to enhance product performance and deliver long-term value across all applications.



PRODUCT OVERVIEW - SCREWORKS®

Type						
Product						
Application						
Max drilling Capacity	1+1	3	6	6	6	12
Gauge TPIxLength	10g-16x 19mm	10g-16x 19mm	12g-14x25mm 12g-14x35mm 12g-14x45mm	12g-14x55mm 12g-14x65mm 12g-14x75mm 12g-14x85mm 12g-14x90mm 12g-14x100mm 12g-14x110mm	12g-14x55mm 12g-14x65mm 12g-14x75mm	12g-24x32mm 12g-24x35mm 12g-24x50mm



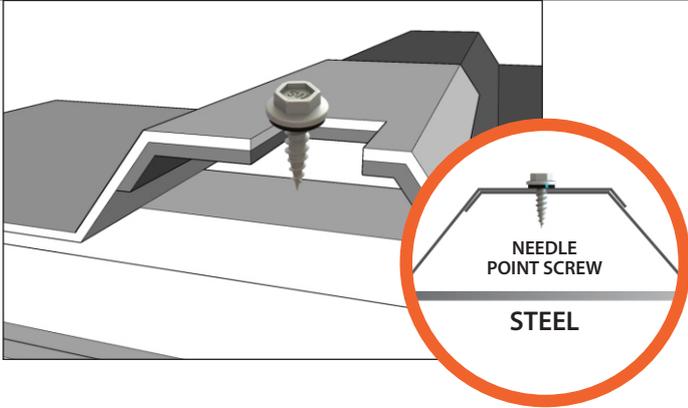
						Type
						Product
						Application
3	3	min 20mm penetration	min 25mm penetration	min 25mm penetration	max 5.5 mm	Max drilling Capacity
10g-16x 19mm	10g-16x 16mm 10g-16x19mm 10g-16x 25mm	12g-14x25mm 12g-14x35mm 12g-14x45mm	12g-14x55mm 12g-14x65mm 12g-14x75mm 12g-14x85mm 12g-14x90mm 12g-14x100mm 12g-14x110mm	12g-14x55mm 12g-14x65mm 12g-14x75mm	12g-14x100mm 12g-14x110mm	Gauge TPIxLength



STITCHING SCREW

Screwworks® Stitching Screw - SW.NP-2-4.8

Ideal for side lap stitching of profiled steel sheets and light metal assemblies.



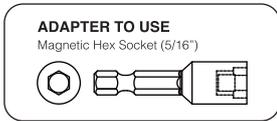
C3 RustGuard

Corrosion Resistance: 1000 Hours SST +
Kesternich Test: 7 Cycles



ZINC PLATE COATED

Corrosion Resistance: 240 hrs



Steel Penetration

Max. Drilling Capacity 1+1mm thick



EPDM bonded sealing (EA) washer for maximum weather protection

OD : 14 mm
THICKNESS : 0.4+2.5mm

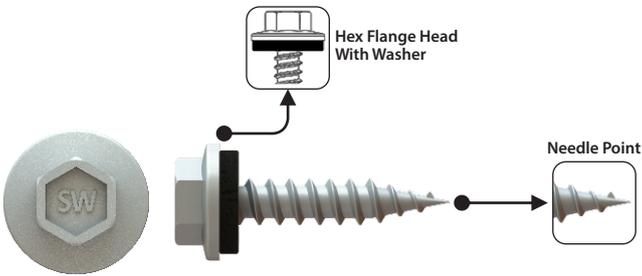


Hex Nut Driver Bit Tip



EPDM sealing washer for maximum weather protection (E)

OD : 9.9 mm
THICKNESS : 2.5mm



Available Range

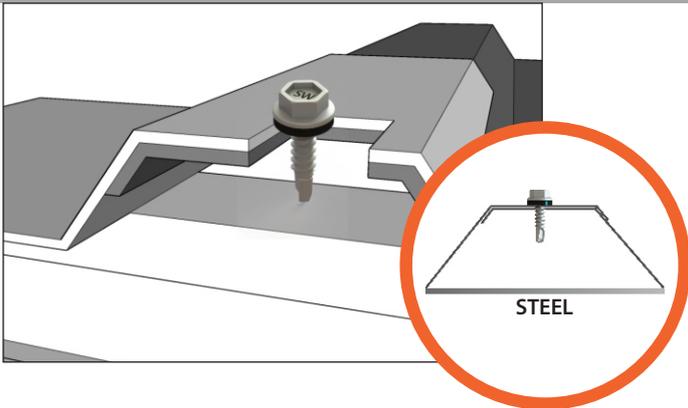
#10 Gauge(4.8 / 10g /3/16")

HF10GB19NPC3E 10g-16 x 19mm

STITCHING SCREW

Screwworks® Stitching Screw- SW.SD-3-4.8

Ideal for side lap stitching of profiled steel sheets and light metal assemblies.



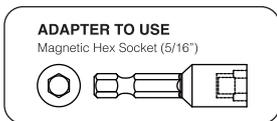
C3 RustGuard

Corrosion Resistance: 1000 Hours SST +
Kesternich Test: 7 Cycles



ZINC PLATE COATED

Corrosion Resistance: 240 hrs



Steel Penetration

Max. Drilling Capacity 3mm thick



EPDM bonded sealing (EA) washer for maximum weather protection

OD : 14 mm
THICKNESS : 0.4+2.5mm

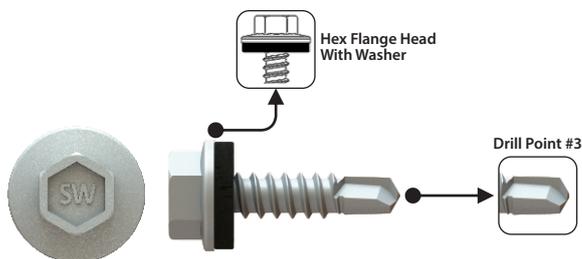


Hex Nut Driver Bit Tip



EPDM sealing washer for maximum weather protection (E)

OD : 9.9 mm
THICKNESS : 2.5mm



Available Range

#10 Gauge(4.8 / 10g /3/16")

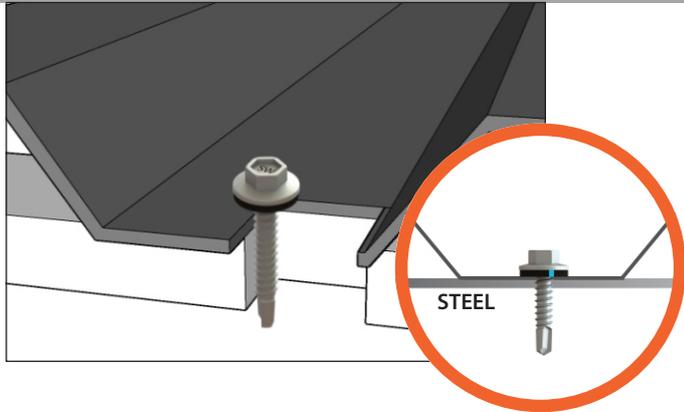
HF10GB19SDC3E 10g-16 x 19mm
HF10GB25SDC3E 10g-16 x 25mm



VALLEY FIXING SCREW

Screwworks® VALLEY Fixing Screw- SW.SD-6-5.5

Ideal for fixing steel sheets onto steel substrates



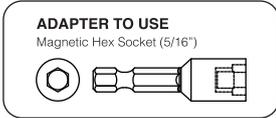
C3 RustGuard

Corrosion Resistance: 1000 Hours SST +
Kesternich Test: 7 Cycles



ZINC PLATE COATED

Corrosion Resistance: 240 hrs



Steel Penetration

Max. Drilling Capacity 6 mm thick



EPDM bonded sealing (EA) washer for maximum weather protection

OD : 16mm
THICKNESS : 0.4+2mm



Hex Nut Driver Bit Tip



EPDM sealing washer for maximum weather protection

OD : 11 mm
THICKNESS : 2.5mm

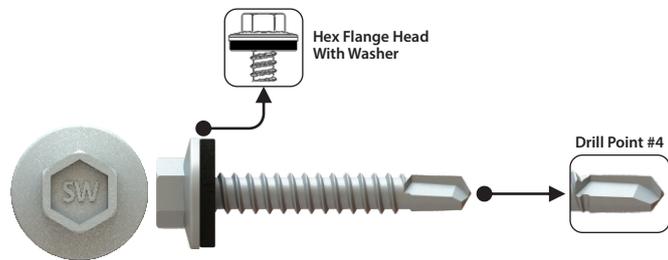
Available Range

#12 Gauge(5.5/12g/7/32")

HF12GB25SDC3E 12g-14 x 25mm

HF12GB35SDC3E 12g-14 x 35mm

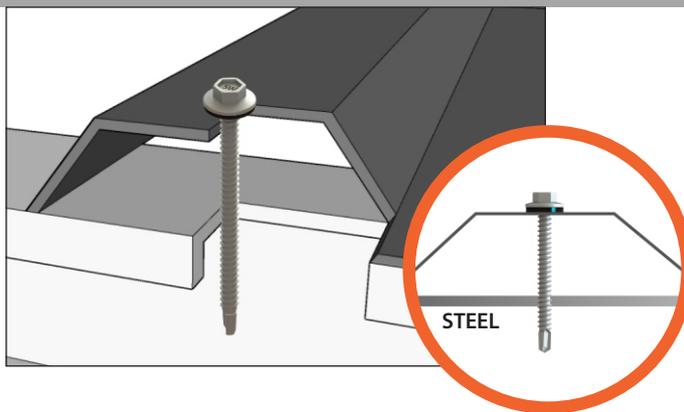
HF12GB45SDC3E 12g-14 x 45mm



CREST FIXING SCREW

Screwworks® Crest Fixing Screw- SW.SD-6-5.5

Ideal for fixing steel sheets onto steel substrates



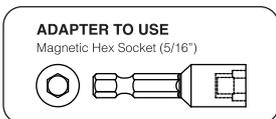
C3 RustGuard

Corrosion Resistance: 1000 Hours SST +
Kesternich Test: 7 Cycles



ZINC PLATE COATED

Corrosion Resistance: 240 hrs



Steel Penetration

Max. Drilling Capacity 6mm thick



EPDM bonded sealing (EA) washer for maximum weather protection

OD : 16mm
THICKNESS : 0.4+2mm



Hex Nut Driver Bit Tip



EPDM sealing washer for maximum weather protection

OD : 11 mm
THICKNESS : 2.5mm

Available Range

#12 Gauge(5.5/12g/7/32")

HF12GB55SDC3E 12g-14 x 55mm

HF12GB65SDC3E 12g-14 x 65mm

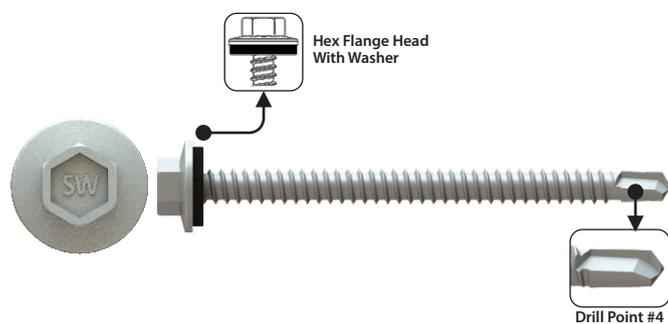
HF12GB75SDC3E 12g-14 x 75mm

HF12GB85SDC3E 12g-14 x 85mm

HF12GB90SDC3E 12g-14 x 90mm

HF12GB100SDC3E 12g-14 x 100mm

HF12GB110SDC3E 12g-14 110mm

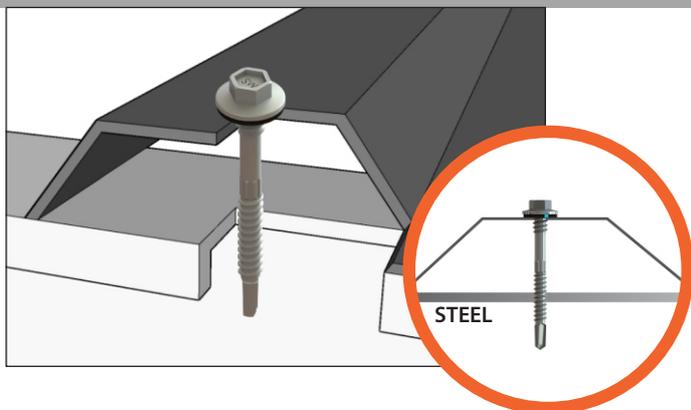




CREST FIXING SCREW - DUAL THREAD

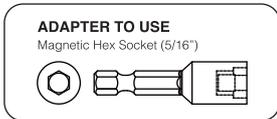
Screwworks® Crest Fixing Screw- SW.SD.DT-6-5.5

Ideal for fixing steel sheets onto steel substrates



C3 RustGuard

Corrosion Resistance: 1000 Hours SST +
Kesternich Test: 7 Cycles



ZINC PLATE COATED

Corrosion Resistance: 240 hrs

Steel Penetration

Max. Drilling Capacity 6 mm thick



EPDM bonded sealing
(EA) washer for maximum
weather protection

OD : 16mm
THICKNESS : 0.4+2mm



Hex Nut Driver Bit Tip



EPDM sealing washer for
(E) maximum weather
protection

OD : 11 mm
THICKNESS : 2.5mm

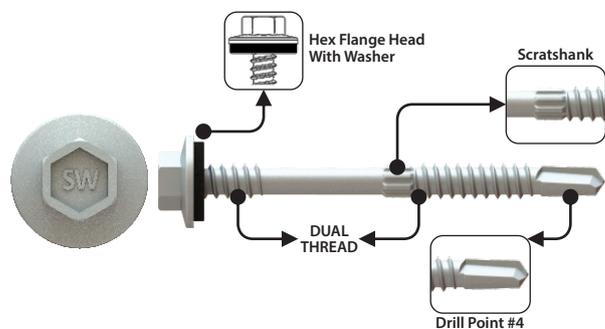
Available Range

#12 Gauge(5.5/12g/7/32")

HF12GB55KSDC3E 12g-14 x 55mm

HF12GB65KSDC3E 12g-14 x 65mm

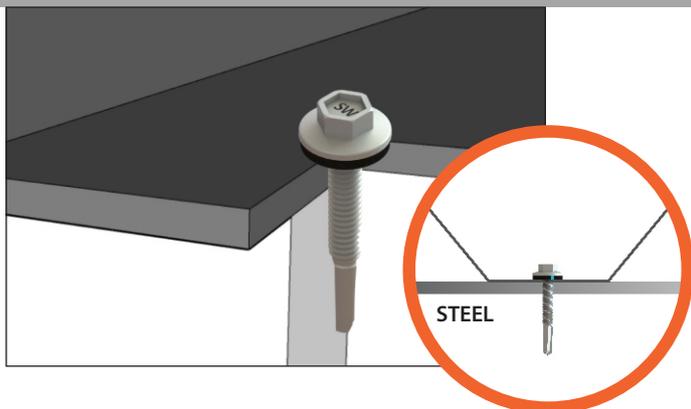
HF12GB75KSDC3E 12g-14 x 75mm



FIXING TO THICK STEEL

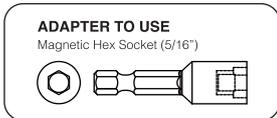
Screwworks® Heavy Duty Self Drilling Screws- SW.SD.DT-12-5.5

Ideal for fixing steel sheets onto heavy steel substrates



C3 RustGuard

Corrosion Resistance: 1000 Hours SST +
Kesternich Test: 7 Cycles



ZINC PLATE COATED

Corrosion Resistance: 240 hrs

Steel Penetration

Max. Drilling Capacity 12mm thick



EPDM bonded sealing
(EA) washer for maximum
weather protection

OD : 16mm
THICKNESS : 0.4+2mm



Hex Nut Driver Bit Tip



EPDM sealing washer for
(E) maximum weather
protection

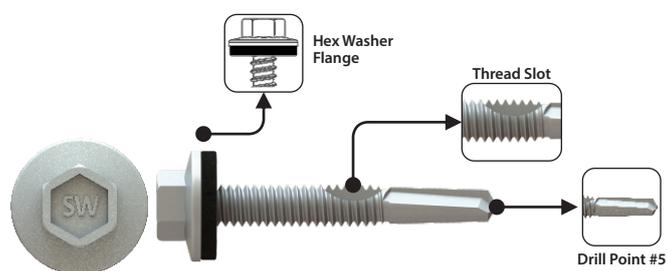
OD : 11 mm
THICKNESS : 2.5mm

Available Range

#12 Gauge(5.5/12g/7/32")

HF12GB32SDE 12g-24 x 35mm

HF12GB50SDE 12g-24 x 65mm

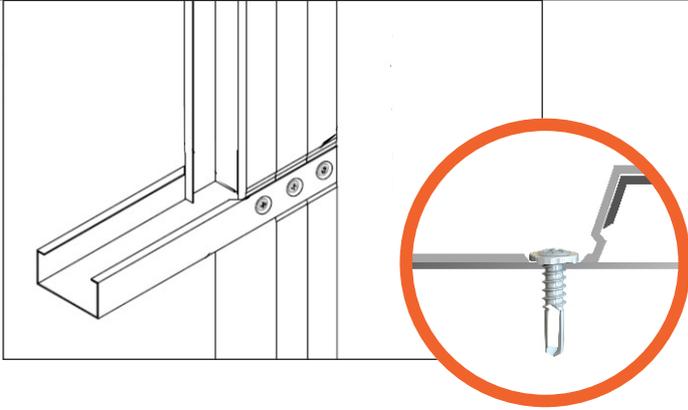




FRAME ASSEMBLY SCREW

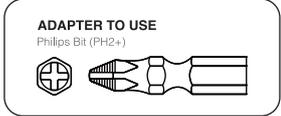
Screwworks® FRAME ASSEMBLY Self Drilling Screws- SW.SD-3-4.8

Ideal For Frame Assembly, Metal To Metal



C3 RustGuard

Corrosion Resistance: 1000 Hours SST +
Kesternich Test: 7 Cycles



ZINC PLATE COATED

Corrosion Resistance: 240 hrs

Steel Penetration

Max. Drilling Capacity 3 mm thick

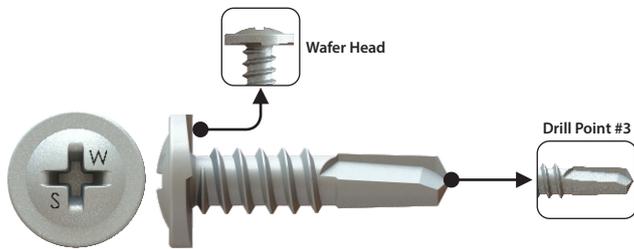
Available Range

#10 Gauge(4.8 / 10g /3/16")

PWH10GB16SDC3 10g-16x 16mm

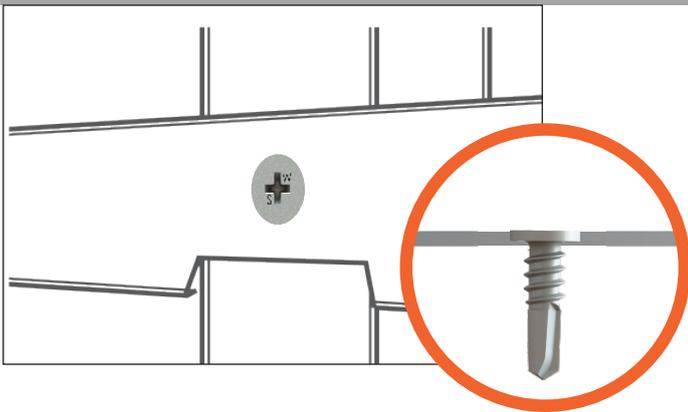
PWH10GB19SDC3 10g-16x 19mm

PWH10GB25SDC3 10g-16 x 25mm



CONCEALED FIXING SCREW

Screwworks® concealed fixing Self Drilling Screws- SW.SD-3-4.8



C3 RustGuard

Corrosion Resistance: 1000 Hours SST +
Kesternich Test: 7 Cycles

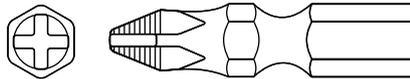


ZINC PLATE COATED

Corrosion Resistance: 240 hrs

ADAPTER TO USE

Phillips Bit (PH2+)



Steel Penetration

Max. Drilling Capacity 3mm thick

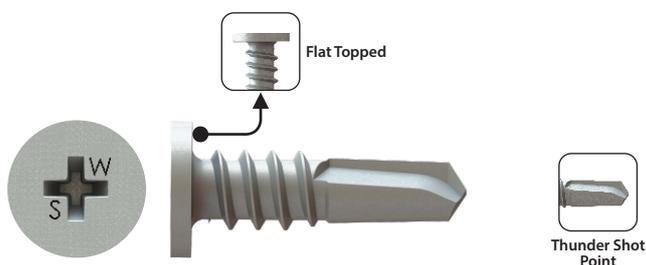


Phillips Nut Driver Bit Tip

Available Range

#10 Gauge(4.8 / 10g /3/16")

F10GB19SDC3 10g-16 x 19mm

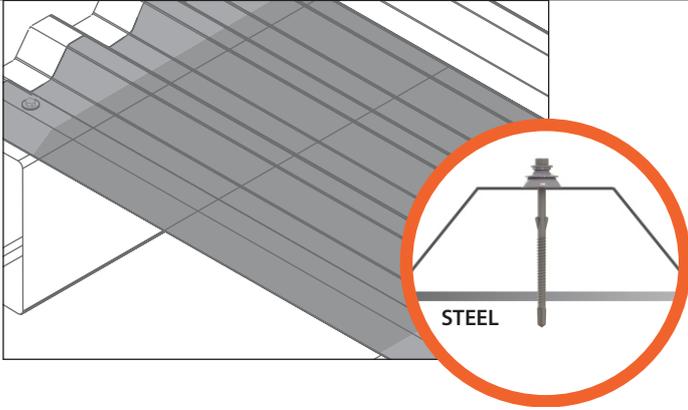




FIBRE CEMENT ROOF SHEET FIXING SCREW

Screwworks® Fibre Cement Roof Sheet Screws- SW.SD-5.5

Ideal For Fixing Fibre Roof Cement Sheets Onto Steel Substrates



C3 RustGuard

Corrosion Resistance: 1000 Hours SST +
Kesternich Test: 7 Cycles

ADAPTER TO USE
Magnetic Hex Socket (5/16")



ZINC PLATE COATED

Corrosion Resistance: 240 hrs

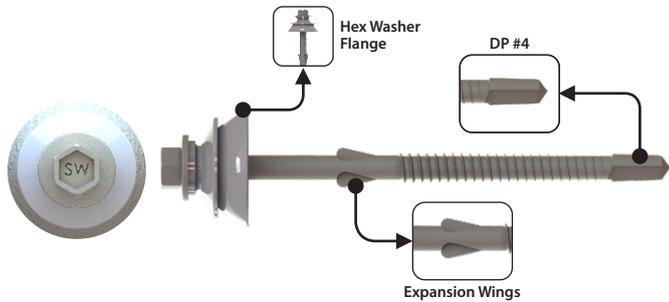
Steel Penetration
Max. Drilling Capacity 5.5 mm thick



Hex Nut Driver Bit Tip



WASHER
Ø 25mm Dome Grey EPDM
/ Black epdm



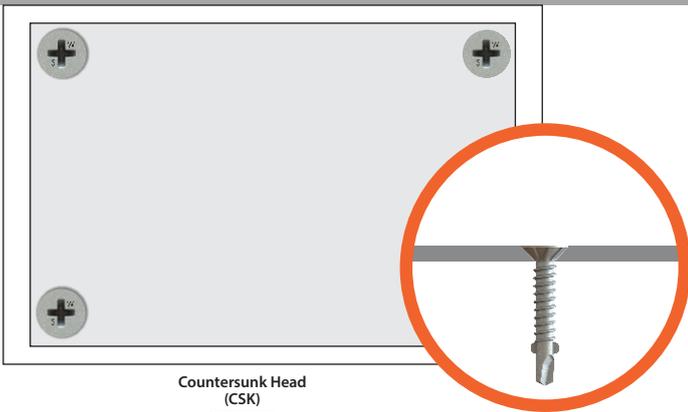
Available Range

#12 Gauge(5.5/12g/7/32")

HF12GB100SDC3ED 12g-14 x 100mm

HF12GB110SDC3ED 12g-14 x 110mm

FIBRE CEMENT BOARD SHEET WITH WINGS



C3 RustGuard

Corrosion Resistance: 1000 Hours SST +
Kesternich Test: 7 Cycles

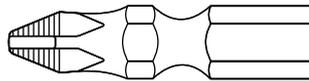


ZINC PLATE COATED

Corrosion Resistance: 240 hrs

ADAPTER TO USE

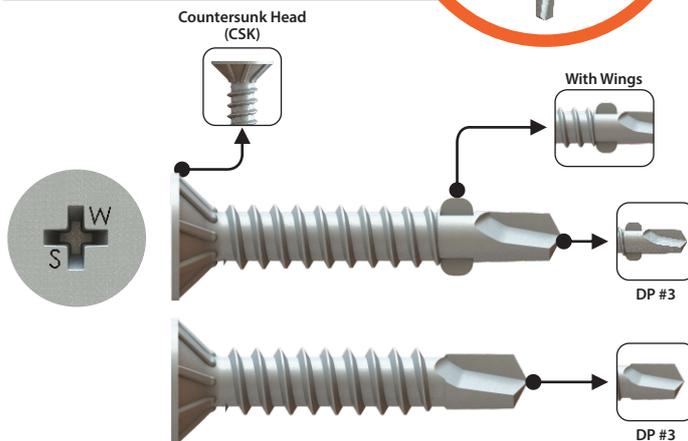
Phillips Bit (PH2+)



Steel Penetration
Max. Drilling Capacity 3mm thick



Phillips Nut Driver Bit Tip



Available Range

#8G -25/38/50 - CSK-S8GB25SDWC3

#10G-25/38/45 - CSK-S10GB25SDWC3

Available Range

#8G-19/25/38/50 - CSK-S8GB25SDC3

#10G-19/25/38 - CSK-S10GB25SDC3

QUALITY CONTROL IN PROCESS

PRE-PRODUCTION INSPECTION

Drawing Check
Specific Conditions Check

HEADING/THREADING/PINCH POINTING

Machinery Condition Check
Molds and Dies Inspection and Setup

FINAL INSPECTION

Dimension Check
Functionality Check
Visual Check

PRE-SHIPMENT INSPECTION

Manual Sorting and Rearrangement
Optical Sorting (Optional)

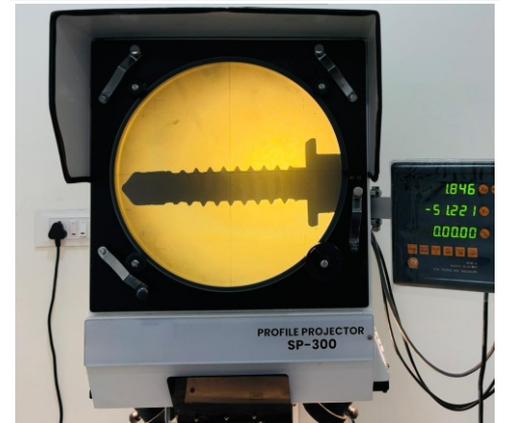
PRE-SHIPMENT SAMPLES SENT UPON REQUEST

HEAT TREATMENT

Strictly Controlled Process
Fully equipped with well maintained case depth and
hardness testers

SURFACE TREATMENT

Well Equipped with Salt-Spray and
Corrosion Test Machinery





CERTIFICATIONS

Factory Address: General, Godown No 8, Omkar Warehousing, PUNE, +912087460000, India; IN/MANAK/PCL/License/Doc/Gen/Trapp...
Validity: From Twenty Ninth June Two Thousand Twenty Five To Twenty Eighth June Two Thousand Twenty Six

Sl. No.	IS 1825	IS 18476:2023	Material: Steel, Hexagon head drilling screw ISO 15483-1 Thread size: ST 5.5, Nominal length: from 16 mm upto and including 100mm. Finish: zinc coated acrylic modified polymer powder coated. (Hexagon Head Drilling Screws) and as per standard.	Scope of Licence	Product Type	Marking Fee
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	IS 1825	IS 18476:2023	Material: Steel, Hexagon head drilling screw ISO 15483-1 Thread size: ST 5.5, Nominal length: from 16 mm upto and including 100mm. Finish: zinc coated acrylic modified polymer powder coated. (Hexagon Head Drilling Screws) and as per standard.			

Signature: [Signature]
Name: [Name]
Designation: [Designation]

Factory Address: General, Godown No 8, Omkar Warehousing, PUNE, +912087460000, India; IN/MANAK/PCL/License/Doc/Gen/Trapp...
Validity: From Twenty Ninth June Two Thousand Twenty Five To Twenty Eighth June Two Thousand Twenty Six

BUREAU OF INDIAN STANDARDS
BIS Logo to be used in the register
Licence for the use of STANDARD MARK

License No. CML - 750031112

Material: Steel, Hexagon head drilling screw ISO 15483-1 Thread size: ST 5.5, Nominal length: from 16 mm upto and including 100mm. Finish: zinc coated acrylic modified polymer powder coated. (Hexagon Head Drilling Screws) and as per standard.

By virtue of the power conferred on it by the BUREAU OF INDIAN STANDARDS ACT, 1916 (1) of 1916 the BUREAU hereby grants to:

STRATUS STEEL PRIVATE LIMITED
General, Godown No 8, Omkar Warehousing, PUNE, +91208, Maharashtra, India

(hereinafter called the Licensee) this licence to use the Standard Mark set out in the first column of the Schedule hereto, upon or in respect of the varieties set out in the third column of the said Schedule which is manufactured or assembled with contents or the material Indian Standard(s) referred to in the second column of the said Schedule, on such time as time, successful or revised.

2. This licence carries the obligations on the part of licensee as condition of licence which are given in Annexure attached herewith. The licence shall be valid for the name, factory address and period as mentioned in the schedule and may be renewed as specified in the schedule.

SCHEDULE
License No. CML - 750031112

Name: STRATUS STEEL PRIVATE LIMITED

RO
QUALITY RESEARCH ORGANIZATION

Certificate of Registration

This is to certify that

STRATUS STEEL PRIVATE LIMITED
GROUND, GODOWN NO 8, OMKAR WAREHOUSING, PHURSUNGI, PUNE, MAHARASHTRA, 412308, INDIA

has been independently assessed by QRO and is compliant with the requirement of:

ISO 9001:2015

Quality Management System

For the following scope of activities:

MANUFACTURING OF PREFABRICATED LIGHT GAUGE STEEL AND FASTENERS & SCREWS.

Date of Certification: 4th February 2025
1st Surveillance Audit Due: 3rd February 2026
2nd Surveillance Audit Due: 3rd February 2027
Certificate Expiry: 3rd February 2028

Certificate Number: 305025020483Q

RO **EGAC** **IAF**

Head of Certification

Validity of this certificate is subject to annual surveillance audits to be done successfully on or before 30 days from date of the audit. If the surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn.
The validity of this certificate can be verified at www.qrocert.org.
This certificate of registration remains the property of QRO Certification LLP and shall be returned immediately upon request.

India Office: QRO Certification LLP
142, 1st Floor, Actar Enclave, Near Pashim Vihar West Metro Station, Delhi-110063, (INDIA)
Website: www.qrocert.org, E-mail: info@qrocert.org

BIS Certified

Screwworks Fasteners Meet The Quality and Safety Standards Set by the Bureau of Indian Standard (BIS), Ensuring Reliable Performance and Compliance with National Specification

ISO Certified

Our Iso Certification Reflects Adherence to International Quality Management Systems, Ensuring Consistent Production, Precision, and Customer Satisfaction

QUALITY COMMITMENT

Our Certifications Reinforce Our Focus on:



Precision Manufacturing



Continuous Improvement



Strong Process Control



Reliable, Compliant Fastening Solution

PRODUCT PACKAGING AND LABEL

Screwworks packaging reflects Precision, Strength, and Innovation with a high-impact color palette for easy recognition. The bold "S" logo symbolizes precision and adaptability, standing strong like our products.

SCREWWORKS SELF DRILLING SCREW
12G - 14 x 55mm - Dual Thread

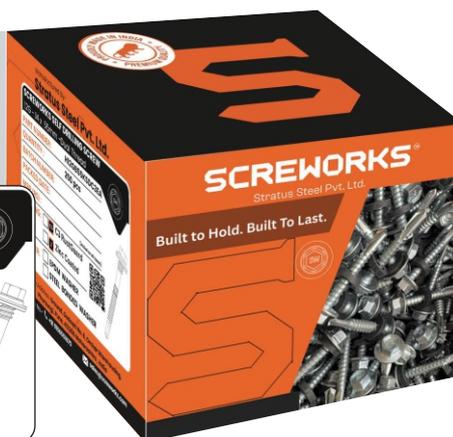
PART NUMBER: H12GB55KSDC3EA
QUANTITY: 250 pcs
BATCH NUMBER:
PACKED DATE:
MRP (RS):

COATING: C3 RustGuard Zinc Coated

WASHER: EPDM WASHER STEEL BONDED WASHER

(Selection of items)

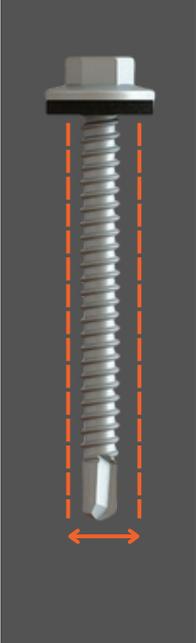
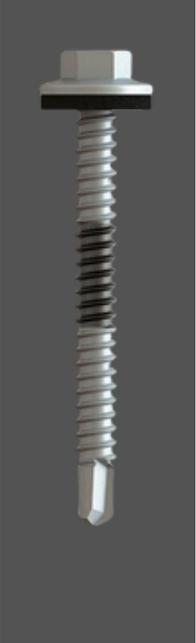
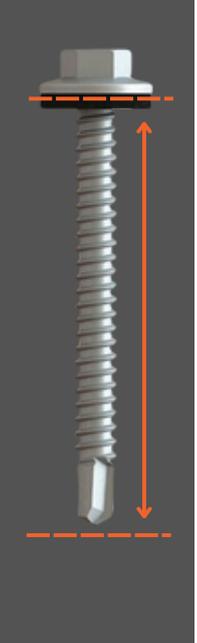
QR Code



Packaging come with large, easy to read product labels. Each product has its own unique label showing the product category, quantity, size, part no., and description. To re-order, use the Part No., description and code indicated below. This information can be easily obtained from any of our exciting packaging.

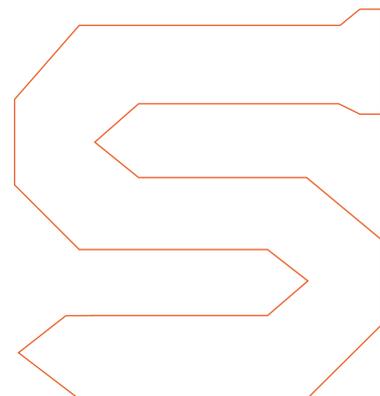


PART CODE

HEAD STYLE	GAUGE	THREAD TYPE	LENGTH	POINT TYPE	CORROSION	WASHER			
 HF				 SD	 C3	 E			
 H					 NP	 Z	 EA		
 PWH				12G	B	55	 KSD	 Z	 ED
 F				10G					

Screwworks part codes are designed for clarity and convenience. Each code clearly defines the screw's head style, gauge, thread type, length, point type, corrosion protection, and washer configuration. With identifiers like C3 corrosion resistance (up to 1000 hours) and EPDM washer options, customers can quickly identify and select the right screw for every application.

Simple codes. Precise fastening.
Trusted Screwworks performance.





FAQ.

1. What coating options are available and how do they perform in terms of corrosion resistance?

Screwworks screws are available with coatings designed for different environmental and application requirements:

(Z) Zinc Plated Coating

Provides reliable protection for general indoor and dry conditions, with corrosion resistance of up to 240 hours Salt Spray Test (SST).

(C3) RustGuard™

A high-performance Zinc Flake Coating coating suitable for demanding outdoor and industrial environments, offering 1,000 hours SST along with 7 cycles of Kesternich testing. Coating selection is recommended based on the required corrosion resistance level and service environment.

2. How are Screwworks screws packed?

Screwworks screws are packed in small boxes, with one master carton containing 8 small boxes. Both the small boxes and the master cartons are labeled with stickers carrying detailed product information, including part number, batch number, MRP, size, coating, and product description.

Sample packs are also available on request.

3. Are Screwworks products readily available?

Yes. Most standard sizes and specifications are available ex-stock. Non-standard sizes, special coatings, or customized designs are manufactured against order with defined lead times.

4. What does the head mark “SW” indicate?

The “**SW**” head mark is the official identification of **Screwworks**.

It assures product authenticity, traceability, and compliance with Screwworks quality standards.

5. What drilling thickness can the screw handle?

Screwworks self-drilling screws are engineered to drill through steel thicknesses ranging from **1.2 mm up to 12 mm**, depending on the screw size, gauge, and drill point design:

- **DP #3** – Suitable for drilling up to 3 mm
- **DP #4** – Suitable for drilling up to 6 mm
- **DP #5** – Suitable for drilling up to 12 mm

Application-specific recommendations are available to ensure optimal drilling performance.

6. What lengths are available?

Screwworks screws are available in a wide range of standard lengths up to 120 mm. Custom lengths can also be manufactured to meet specific project or application requirements.

7. Can Screwworks provide customized solutions?

Yes. Screwworks offers application-specific, custom-engineered screw solutions, **including special drill points, customized head designs, coating variations, and project-based specifications.**

8. Do you have in-house manufacturing and a wide supply network?

Yes. Screwworks operates a **BIS-certified manufacturing unit in Pune** and supplies products **Pan-India**. We also export to international markets, ensuring reliable availability for both domestic and global customers.



S

Building the Future, **One Precision Screw** at a Time

At Screwworks, we manufacture screws and fasteners tailored for steel framing and construction needs. Our products are designed for precision, strength, and durability, ensuring the perfect fit for every application.

SCREWORKSTM

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FIND US AT-

www.screwworks.com

**Screwworks division of Stratus Steel Pvt.Ltd.
Previously Known As - MedStratus Pvt. Ltd.**

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