



FIXING SYSTEMS

2025

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Legend

How to read the code ?

D	D	R	08	55	3	80	S19
Type	Thread	Surface	Head type	Diameter	Drill Point	Length	EPDM Washer
Self Drill D	Double D	Zinc Plated Z	Hex SW8 08	4.2 mm 42	DP 1 1	25 mm 25	S304-D19mm S19
Stitching S	Full F	Ruspert R	Hex SW10 10 Phillips Truss PH	5.5 mm 55 6.3 mm 63	DP 2 2 DP 3 3	80 mm 80 125 mm 125	Zinc-D19mm Z19



Phillips truss head design provides a wide bearing surface and secure drive engagement.



1000-hour Ruspert coating provides excellent corrosion resistance.



Hex washer head compatible with SW10 spanner size for firm tightening.



Zinc plated finish for basic corrosion protection.



Hex washer head suitable for SW8 spanner size, ensuring easy installation.



Manufactured from Stainless Steel 304 for superior corrosion resistance.



Fully threaded shank ensures maximum holding strength along the entire length.



Made from aluminum for lightweight and corrosion-resistant applications.



Double thread design in sandwich panels securely fixes both the metal sheet & insulation.



Made from Plastic.



Drill Point 1 suitable for thin metal applications, up to 2 mm thickness



Available in various RAL colors to match panel and surface finishes.



Drill Point 2 designed for medium steel thickness, up to 4 mm thickness



Drill Point 3 ideal for drilling thicker steel sections, up to 6 mm thickness



Ruspert 1000H

High-Performance Anti-Corrosion Coating for Fasteners

Ruspert® 1000H is an advanced, chrome-free, multi-layer anti-corrosion coating system developed for fasteners exposed to aggressive and demanding environments. It provides long-term protection against corrosion while maintaining excellent mechanical performance and appearance.

Designed to meet modern construction and industrial requirements, Ruspert® coating is widely used in building structures, roofing, cladding systems, steel constructions, and outdoor applications.



- ✓ 1000h salt spray resistance
- ✓ C3-C4 corrosivity compliance
- ✓ Chrome-free, eco-friendly coating
- ✓ 10x higher corrosion resistance
- ✓ Outdoor & industrial suitability
- ✓ Long service life

Corrosion Protection Performance

Min 1000H

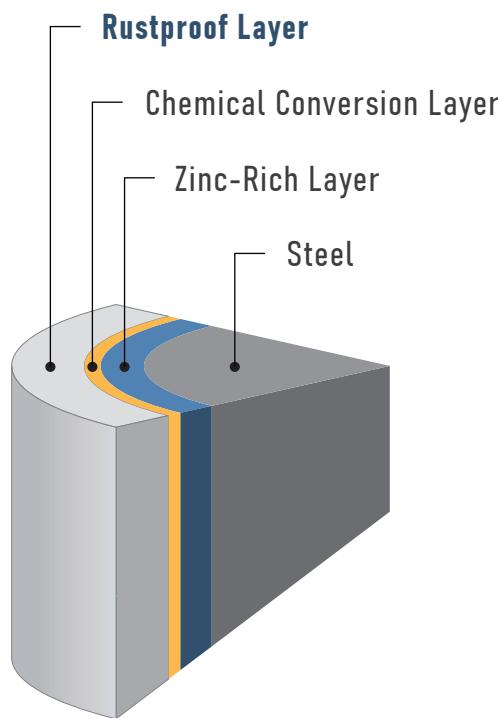
Resistance against humidity and damp environments
(ISO 9227 – Salt Spray Test)

Min. 15 Cycles

Resistance against acid rain and aggressive environments
(DIN 50018)

C3 / C4

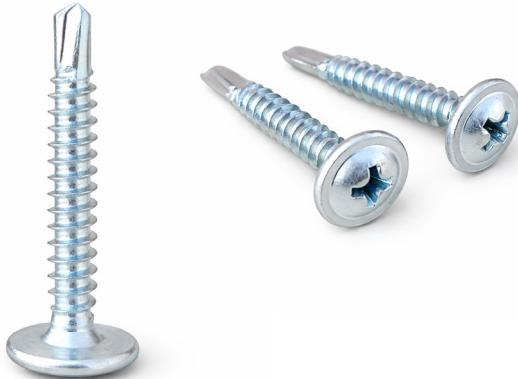
Suitable for corrosivity categories
EN-ISO-9223



Accessories > Screw > Self Drilling Screw > DFZ-PH422

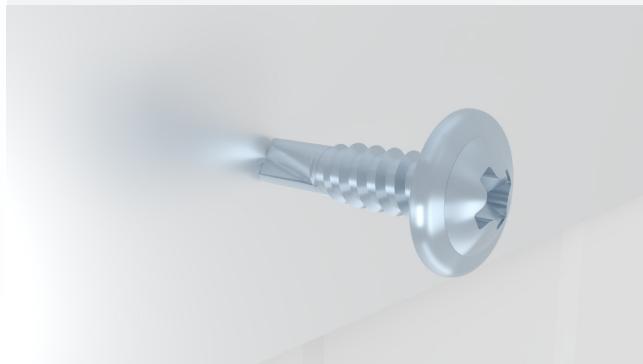
DFZ-PH422

-Phillips Truss Head Screw-



Application

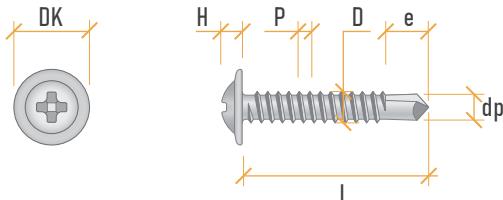
Sandwich panels / Insulated panel



Technical parameters

Drive Type	Phillips Truss Head	
Screw D (mm)	4.2	
Drilling capacity T (mm)	DP2	2x0.5 to 2x2.0
Material	Carbon Steel	
Thread Type	Full Thread	BSD-TPI (1.41 mm)
Surface	Zinc Plated	

Technical drawings



Hex Washer Head Self-Drilling Screw With Tapered	Head Diameter		Head Thickness		Thread Outer Diameter		Thread Pitch	Drill Point Diameter		Drill Point Length		Total Length	
	DK		H		D			dp	e		L		
	min	max	min	max	min	max	ref	min	max	min	max	min	max
M 4.2 x 16	10	10.5	2.2	2.6	4.1	4.25	1.41	3.4	3.5	5.2	5.8	15	17
M 4.2 x 25	10	10.5	2.2	2.6	4.1	4.25	1.41	3.4	3.5	5.2	5.8	24	26



Accessories > Screw > Self Drilling Stitching Screw > SFR-08551

SFR-08551

-EPDM Bonded Sealing Washer-



Application

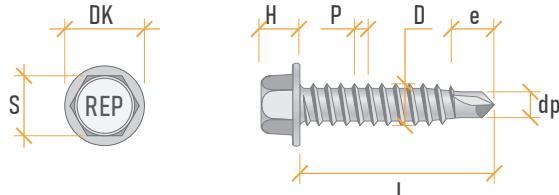
Roofing / Flashing



Technical parameters

Drive Type	Hex Washer Head	SW8
Screw Diameter	D (mm)	5.5
Drilling capacity	T (mm)	DP1
Material		Carbon Steel
Thread Type	Full Thread	BSD-TPI (1.81 mm)
Surface	Zinc Plated / 1000H Ruspert	

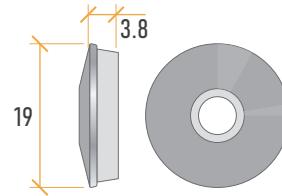
Technical drawings



Hex Washer Head Stitching Screw	Head Diameter		Hex Width		Head Thickness		Thread Outer Diameter		Thread Pitch	Drill Point Diameter		Drill Point Length		Total Length	
	DK		S		H		D			dp		e		L	
	min	max	min	max	min	max	min	max	ref	min	max	min	max	min	max
	M 5.5 x 25	10	11	7.78	8	4.8	5.4	5.35	5.55	1.81	3.3	3.4	4	5	24

EPDM Bonded Sealing Washer

High-quality bonded washer with 1.0 mm stainless steel backing and 2.8 mm gray EPDM rubber layer, designed to provide excellent sealing performance, superior resistance to water, UV, ozone, and weather conditions, making it ideal for roofing, cladding, and steel structure applications.



Bonded Sealing Washer	Outer Diameter	Metal Part Material	Metal Thickness	Rubber Material	EPDM Color	EPDM Thickness	Weather / UV Resistance	Water Sealing
	Φ 19 mm	S.S.304	1 mm	EPDM	GREY	2.8 mm	Excellent	Excellent

Accessories > Screw > Self Drilling Stitching Screw > SFZ-08551

SFZ-08551

-EPDM Bonded Sealing Washer-



Application

Roofing / Flashing



Technical parameters

Drive Type Hex Washer Head SW8

Screw Diameter D (mm) 5.5

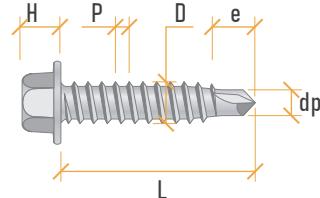
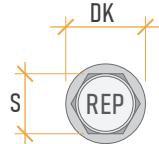
Drilling capacity T (mm) DP1 2x0.5 to 2x1.25

Material Carbon Steel

Thread Type Full Thread BSD-TPI (1.81 mm)

Surface Zinc Plated

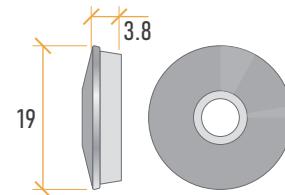
Technical drawings



Hex Washer Head Stitching Screw	Head Diameter		Hex Width		Head Thickness		Thread Outer Diameter		Thread Pitch	Drill Point Diameter		Drill Point Length		Total Length	
	DK		S		H		D		P	dp		e		L	
	min	max	min	max	min	max	min	max	ref	min	max	min	max	min	max
	M 5.5 x 25	10	11	7.78	8	4.8	5.4	5.35	5.55	1.81	3.3	3.4	4	5	24

EPDM Bonded Sealing Washer

High-quality bonded washer with 1.0 mm Zinc Plated backing and 3.0 mm gray EPDM rubber layer, designed to provide excellent sealing performance, superior resistance to water, UV, ozone, and weather conditions, making it ideal for roofing, cladding, and steel structure applications.



Bonded Sealing Washer	Outer Diameter	Metal Part Material	Metal Thickness	Rubber Material	EPDM Color	EPDM Thickness	Weather / UV Resistance	Water Sealing
	Φ 19 mm	Zinc Plated	1 mm	EPDM	GREY	2.8 mm	Excellent	Excellent

Accessories > Screw > Self Drilling Screw > DFR-10633

DFR-10633

-EPDM Bonded Sealing Washer-



Application

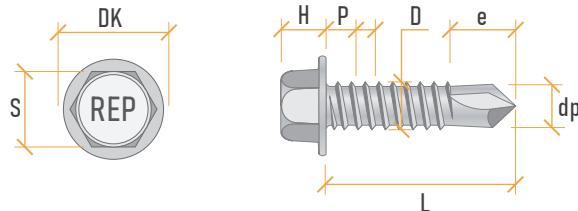
Roofing / corrugated sheets / Sandwich panels



Technical parameters

Drive Type	Hex Washer Head	SW10
Screw Diameter	D (mm)	6.3
Drilling capacity	T (mm)	DP3
Material		Carbon Steel
Thread Type	Full Thread	BSD-TPI (1.81 mm)
Surface	Zinc Plated / 1000H Ruspert	

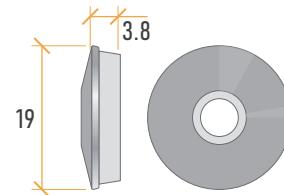
Technical drawings



Hex Washer Head Self-Drilling Screw	Head Diameter		Hex Width		Head Thickness		Thread Outer Diameter		Thread Pitch	Drill Point Diameter		Drill Point Length		Total Length	
	DK		S		H		D			dp	e		L		
	min	max	min	max	min	max	min	max	ref	min	max	min	max	min	max
	M 6.3 x 25	12.2	13.2	9.3	9.55	5.3	5.9	6.03	6.25	1.81	5.6	5.7	8	9	24

EPDM Bonded Sealing Washer

High-quality bonded washer with 1.0 mm stainless steel backing and 2.8 mm gray EPDM rubber layer, designed to provide excellent sealing performance, superior resistance to water, UV, ozone, and weather conditions, making it ideal for roofing, cladding, and steel structure applications.



Bonded Sealing Washer	Outer Diameter	Metal Part Material	Metal Thickness	Rubber Material	EPDM Color	EPDM Thickness	Weather / UV Resistance	Water Sealing
	Φ 19 mm	S.S.304	1 mm	EPDM	GREY	2.8 mm	Excellent	Excellent

Accessories > Screw > Self Drilling Screw > DFZ-10633

DFZ-10633

-EPDM Bonded Sealing Washer-



Application

Roofing / corrugated sheets / Sandwich panels



Technical parameters

Drive Type Hex Washer Head SW10

Screw Diameter D (mm) 6.3

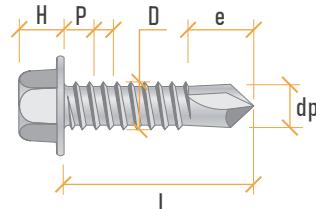
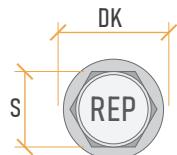
Drilling capacity T (mm) DP3 6

Material Carbon Steel

Thread Type Full Thread BSD-TPI (1.81 mm)

Surface Zinc Plated

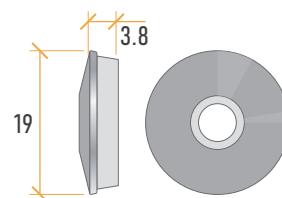
Technical drawings



Hex Washer Head Self-Drilling Screw	Head Diameter		Hex Width		Head Thickness		Thread Outer Diameter		Thread Pitch	Drill Point Diameter		Drill Point Length		Total Length	
	DK		S		H		D		P	dp		e		L	
	min	max	min	max	min	max	min	max	ref	min	max	min	max	min	max
	M 6.3 x 25	12.2	13.2	9.3	9.55	5.3	5.9	6.03	6.25	1.81	5.6	5.7	8	9	24

EPDM Bonded Sealing Washer

High-quality bonded washer with 1.0 mm Zinc Plated backing and 3.0 mm gray EPDM rubber layer, designed to provide excellent sealing performance, superior resistance to water, UV, ozone, and weather conditions, making it ideal for roofing, cladding, and steel structure applications.



Bonded Sealing Washer	Outer Diameter	Metal Part Material	Metal Thickness	Rubber Material	EPDM Color	EPDM Thickness	Weather / UV Resistance	Water Sealing
	Φ 19 mm	Zinc Plated	1 mm	EPDM	GREY	2.8 mm	Excellent	Excellent

Accessories > Screw > Self Drilling Screw > DFR-08553

DFR-08553

-EPDM Bonded Sealing Washer-



Technical parameters

Drive Type	Hex Washer Head	SW8
Screw Diameter	D (mm)	5.5
Drilling capacity	T (mm)	DP3
Material		Carbon Steel
Thread Type	Full Thread	BSD-TPI (1.81 mm)
Surface	Zinc Plated / 1000H Ruspert	

Hex Washer Head Self-Drilling Screw	Head Diameter		Hex Width		Head Thickness		Thread Outer Diameter		Thread Pitch	Drill Point Diameter		Drill Point Length		Total Length	
	DK		S		H		D		P	dp		e		L	
	min	max	min	max	min	max	min	max	ref	min	max	min	max	min	max
	M 5.5 x 63	10	11	7.78	8	4.8	5.4	5.35	5.55	1.81	4.7	4.8	8	9	62

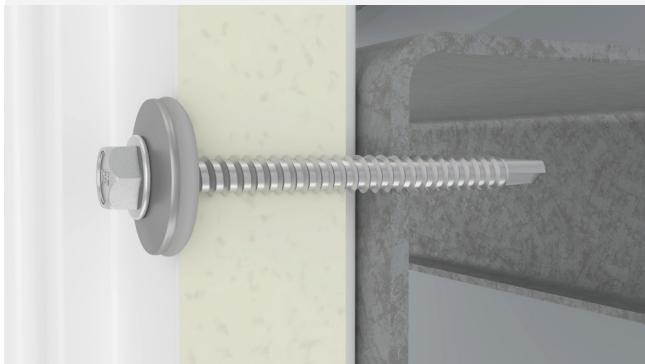
EPDM Bonded Sealing Washer

High-quality bonded washer with 1.0 mm stainless steel backing and 2.8 mm gray EPDM rubber layer, designed to provide excellent sealing performance, superior resistance to water, UV, ozone, and weather conditions, making it ideal for roofing, cladding, and steel structure applications.

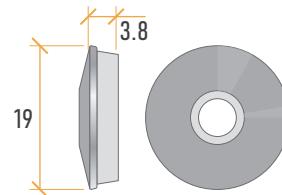
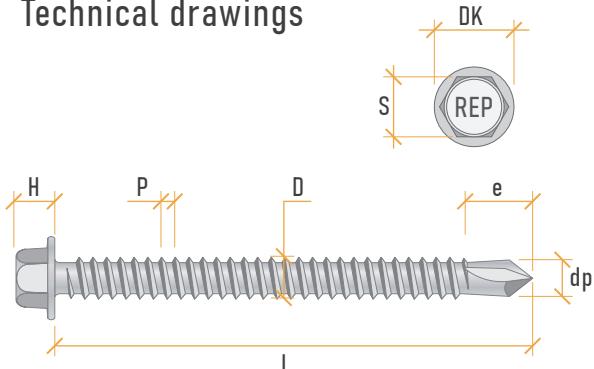


Application

Roofing / Sandwich panels / Insulated panel



Technical drawings



Bonded Sealing Washer	Outer Diameter	Metal Part Material	Metal Thickness	Rubber Material	EPDM Color	EPDM Thickness	Weather / UV Resistance	Water Sealing
	Φ 19 mm	S.S.304	1 mm	EPDM	GREY	2.8 mm	Excellent	Excellent

Accessories > Screw > Self Drilling Screw > DDR-08553

DDR-08553

-EPDM Bonded Sealing Washer-



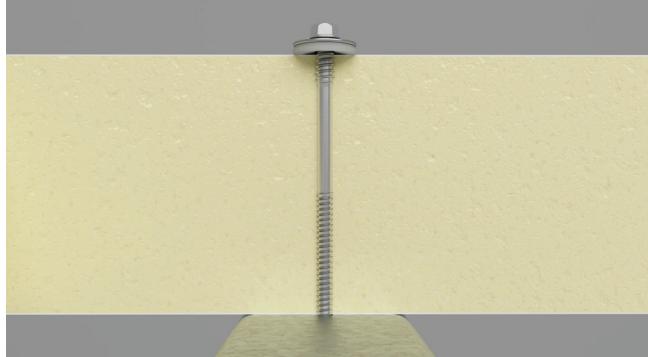
Technical parameters

Drive Type	Hex Washer Head	SW8
Screw Diameter	D (mm)	5.5 / 6.3
Drilling capacity	T (mm)	DP3
Material		Carbon Steel
Thread Type	Double Thread	BSD-TPI (1.81 mm)
Surface	Zinc Plated / 1000H Ruspert	

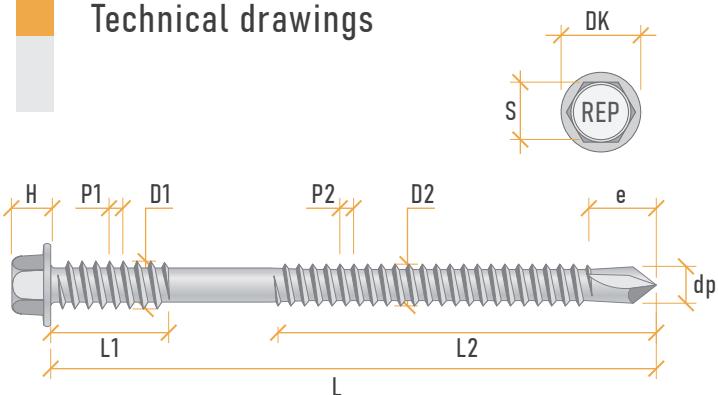


Application

Roofing / Sandwich panels / Insulated panel



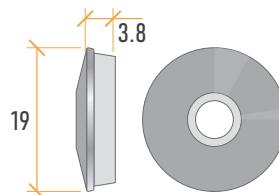
Technical drawings



Hex Washer Head Self-Drilling Screw	Head Diameter		Hex Width		Head Thickness		Thread Outer Dia.		Thread Outer Dia.		Thread Pitch	Drill Point Diameter	Drill Point Length		Thread Length		Thread Length		Total Length		
	DK		S		H		D1		D2		P1 & P2	dp	e		L1		L2		L		
	min	max	min	max	min	max	min	max	min	max	ref	min	max	min	max	min	max	min	max	min	max
M 5.5/6.3 x 80	10	11	7.78	8	4.8	5.4	6.03	6.25	5.35	5.55	1.81	4.7	4.8	8	9	14	16	49	51	79	81
M 5.5/6.3 x 105	10	11	7.78	8	4.8	5.4	6.03	6.25	5.35	5.55	1.81	4.7	4.8	8	9	14	16	69	71	106	104
M 5.5/6.3 x 125	10	11	7.78	8	4.8	5.4	6.03	6.25	5.35	5.55	1.81	4.7	4.8	8	9	14	16	89	91	124	126

EPDM Bonded Sealing Washer

High-quality bonded washer with 1.0 mm stainless steel backing and 2.8 mm gray EPDM rubber layer, designed to provide excellent sealing performance, superior resistance to water, UV, ozone, and weather conditions, making it ideal for roofing, cladding, and steel structure applications.



Bonded Sealing Washer	Outer Diameter	Metal Part Material	Metal Thickness	Rubber Material	EPDM Color	EPDM Thickness	Weather / UV Resistance	Water Sealing
	Φ 19 mm	S.S.304	1 mm	EPDM	GREY	2.8 mm	Excellent	Excellent



Accessories > washer > Saddle washer

Saddle washer

Aluminium saddle washers with bonded EPDM seal.



Description

High-quality aluminium saddle washer with a bonded EPDM sealing layer, specially designed for crown fixing of roof sheets. Provides excellent load distribution and long-term waterproof sealing, ensuring secure and durable roof installations.

Key Features

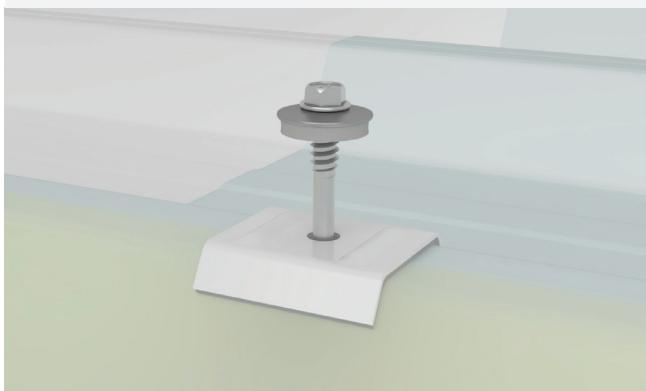
- Ensures watertight sealing at fixing points
- Distributes load evenly to prevent sheet damage
- Resistant to corrosion and rust
- EPDM seal remains flexible under temperature changes
- Ideal for long-term outdoor use

Technical parameters

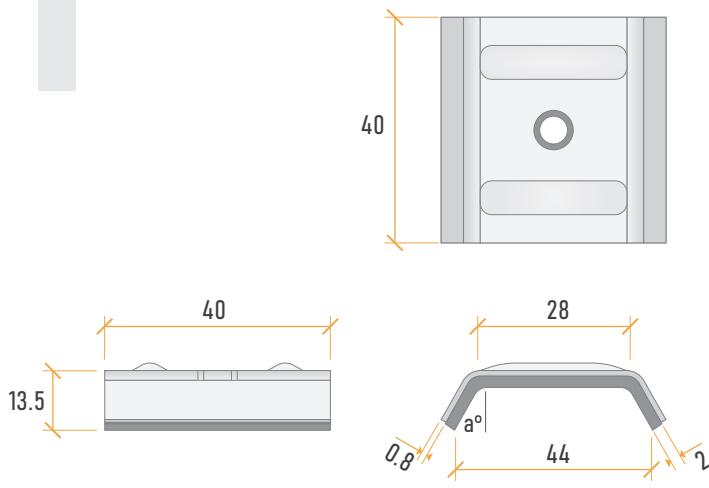
Length	L (mm)	40
Flange width	W (mm)	28
Profile angle	a	38°
Metal Part Material		Aluminum
Metal Thickness		0.8 mm
Rubber Material		Grey EPDM
EPDM Thickness		2 mm
Finish		RAL 9002

Application

Roofing / Corrugated Sheets / Sandwich panels



Technical drawings





Accessories > Plastic Cap

Plastic Cap

Plastic Cap For hex washer head screw



Description

High-quality plastic cap designed to cover hex washer head screws, providing a clean and professional finish while protecting the screw head from moisture, dust, and corrosion. Enhances durability and improves the overall appearance of the installation.

Key Features

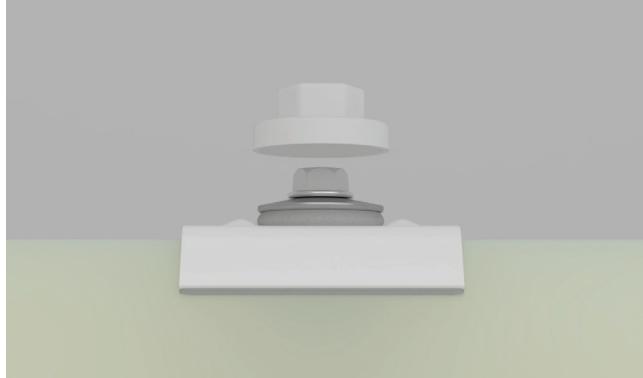
- Protects screw heads from rust and corrosion
- Provides a neat and professional finish
- Easy to install and remove
- Weather-resistant for outdoor use
- Suitable for indoor and outdoor applications

Technical parameters

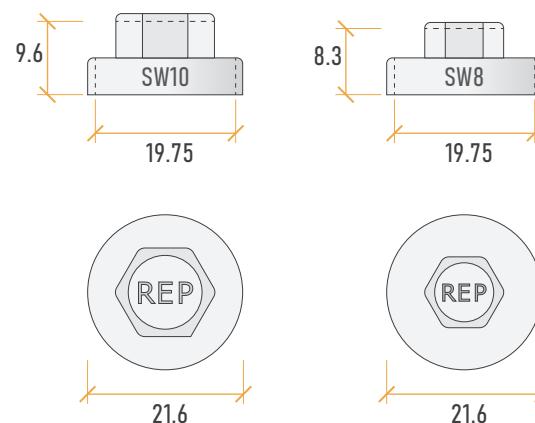
Compatible with	Hex Washer Head Screws
Hex Size	SW8 and SW10
Washer size	up to 19 mm
Material	Plastic
Color	Ral 9002 (Custom upon request)

Application

Roofing / Hex Washer Head Screw



Technical drawings





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