

PRODUCT CATALOG

COVERAGE AND SIDE CLOSURE





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358 SELF DRILLING SCREW 410 STAINLESS STEEL HIGH PERFORMANCE



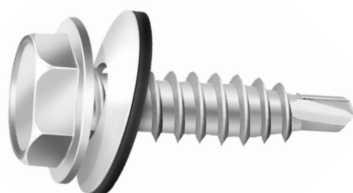
VANTAGENS

Material	in stainless steel
Drilling	high speed
Operation	drills, fixes and seals all in one operation
Environment	excellent for environments with a high rate of corrosion (coastal/industrial)
Stainless	Stainless steel/EPDM vulcanized mobile washer

APPLICATIONS

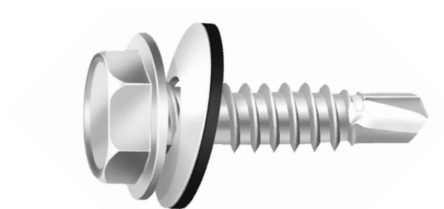
- Fixing solar panel structures, both directly on the tile (seam) as well as on the metal purlin;
- Fixing and joining aluminum and stainless steel fittings to metal tile;
- General fixation of structures on photovoltaic systems;
- Fixation metal tiles including aluminum and galvalume, on roofs and side closures;
- Used in outdoor environments with a high rate of corrosion (coastal/industrial);
- Used in indoor environments with a high rate of corrosion (industries/petrochemical/agrarian).

TILE SCREW / TILE (JOINING):



Code	Gauge x Length	Tip (n°)	FPP	Thread	Ø Flange (mm)	Tightening wrench	Maximum drilling capacity (mm)	Quantity of hundreds
35892000	6.3 (1/4) X 7/8"	1	14	Whole	16	5/16"	2	2

TILE SCREW / PURLIN (FIXING SIMPLE TILE):



Code	Gauge x Length	Tip (n°)	FPP	Thread	Ø Flange (mm)	Tightening wrench	Maximum drilling capacity (mm)	Quantity of hundreds
35874800	5.5 (No. 12) X 3/4"	3	14	Whole	16	5/16"	5	2
35875000	5.5 (No. 12) X 1"	3	14	Whole	16	5/16"	5	2
35875200	5.5 (No. 12) X 1.1/2"	3	14	Whole	16	5/16"	5	2
35875600	5.5 (No. 12) X 2.1/2"	3	14	Whole	16	5/16"	5	2
35876000	5.5 (No. 12) X 3.1/2"	3	14	Whole	16	5/16"	5	2
35876200	5.5 (No. 12) X 4"	3	14	Whole	16	5/16"	5	2

**COATING – POLISHED STAINLESS
STEEL CHEMICAL RESISTANCE**

Coating	Salt Spray ¹ (hrs)	Kesternich ² (cycles)
Polished Stainless Steel	N/A	N/A

¹ - Standards ASTM B117, ABNT NBR 8094;

² - Test according to DIN 50018 (maximum 15% red corrosion on the head of the fastener);
N/A – Not applicable.

315/ SELF DRILLING TILE SCREW - WITH EPDM SEALING WASHER



ADVANTAGES

Material	heat-treated carbon steel
Drilling	high speed
Operation	drills, fixes and seals all in one operation
Coating	coating with high corrosion resistance, providing an extended service life
Performance	great
Durability	long

APPLICATIONS

- Fixing metal and translucent tiles onto metal purlins;
- Joining metal tiles;
- Use on roofs and side closures;
- Fixing and joining thin sheets;
- Recommended for environments with rates of corrosive acid rain (SO₂).

TILE SCREW / TILE (JOINING):



Code	Gauge x Length	Tip (n°)	FPP	Thread	Ø Flange (mm)	Tightening wrench	Maximum drilling capacity (mm)	Quantity of hundreds
31569987	5.5 (No. 12) 14x7/8"	1	14	Whole	15	5/16"	2.3	2
31569987G								25
31592087	6.3 (1/4) 14x7/8"	1	14	Whole	15	5/16"	2.3	2
31592087G								25

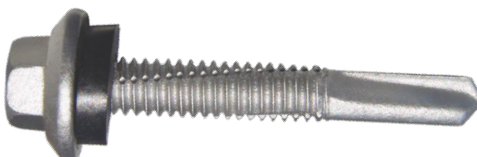
SELF DRILLING TILE SCREW - WITH EPDM SEALING WASHER

TILE SCREW / PURLIN (FIXING SIMPLE TILE):



Code	Gauge x Length	Tip (no.)	FPP	Thread	Ø Flange (mm)	Tightening wrench	Maximum drilling capacity (mm)	Quantity of hundreds
31567087	4.8 (No. 10) 16x3/4"	3	16	Whole	11,3	5/16"	4.5	2
31567087G								40
31574887	5.5 (No. 12) 14x3/4"	3	14	Whole	15	5/16"	5.4	2
31574887G								30
31575087	5.5 (No. 12) 14x1"	3	14	Whole	15	5/16"	5.4	2
31575087G								25
31575287	5.5 (No. 12) 14x1.1/2"	3	14	Whole	15	5/16"	5.4	2
31575287G								20
31575487	5.5 (No. 12) 14x2"	3	14	Whole	15	5/16"	5.4	2
31575487G								15

TILE SCREW / BEAM (FIXING ON HIGH THICKNESS PURLINS):



Code	Gauge x Length	Tip (no.)	FPP	Thread	Ø Flange (mm)	Tightening wrench	Maximum drilling capacity (mm)	Quantity of hundreds
31581287	5.5 (No. 12) 24x1.1/2"	5	24	Whole	15	5/16"	12	2
31581287G								20

THERMOACOUSTIC TILE SCREW (FIXING ON SANDWICH PANEL ROOF TILE):



Code	Gauge x Length	Tip (no.)	FPP	Thread	Ø Flange (mm)	Tightening wrench	Maximum drilling capacity (mm)	Quantity of hundreds
31579287	5.5-6.3 (No. 12-1/4) 14x2.3/8"	4	14	Partial	15	5/16"	7.9	2
31579287G								12
31578487	5.5-6.3 (No. 12-1/4) 14x3.1/4"	4	14	Partial	15	5/16"	7.9	2
31578487G								8
31578687	5.5-6.3 (No. 12-1/4) 14x4"	4	14	Partial	15	5/16"	7.9	1
31578687G								5
31579087	5.5-6.3 (No. 12-1/4) 14x5"	4	14	Partial	15	5/16"	7.9	1
31579087G								5

COATING - RUSPERT CHEMICAL RESISTANCE

Coating	Salt Spray ¹ (hrs)	Kesternich ² (cycles)
Ruspert	1500	20

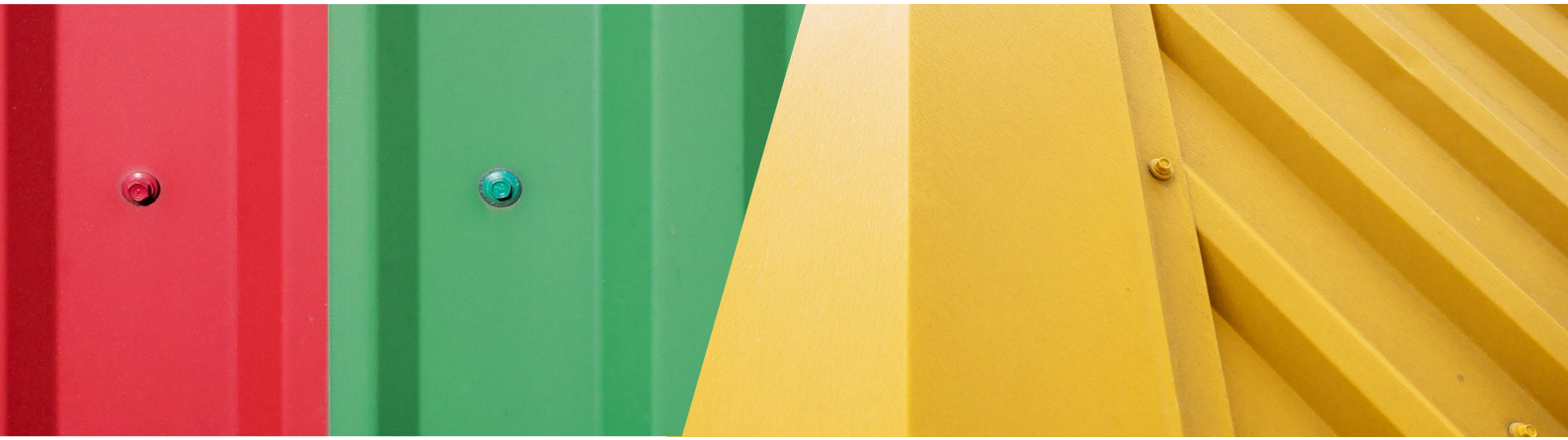
¹ - Standards ASTM B117, ABNT NBR 8094;

² - Test according to DIN 50018 (maximum 15% red corrosion on the head of the fastener).

315 SELF DRILLING SCREW WITH PAINTED HEAD



Screw developed for environments with a high rate of corrosion: drilling, tapping and sealing at once, ensuring application without infiltrations and tile with perfect color finish, without fading.



ADVANTAGES

Material	in carbon steel, EPDM washer and thread with Ruspert coating
Use	colored metal tiles
Resistance	high corrosion resistance in coastal and industrial environments
Design	aesthetic pattern identical to the color of the tile, following the RAL color standard

APPLICATIONS

- Fixing and sewing on colored tiles for aesthetic purposes
- Fixing and sewing on colored tiles for side closure

JOINING SCREW:



Head color	Code	Gauge x Length	Tip (no.)	FPP	Thread	Ø Flange (mm)	Tightening wrench	Maximum drilling capacity (mm)	Quantity of hundreds
BLUE (5010)	3159208902	6.3 (1/4) x 7/8"	1	14	Whole	15	5/16"	2.3	1
WHITE (9003)	3159208901	6.3 (1/4) x 7/8"	1	14	Whole	15	5/16"	2.3	1
RED (3000)	3159208903	6.3 (1/4) x 7/8"	1	14	Whole	15	5/16"	2.3	1
YELLOW (1023)	3159208904	6.3 (1/4) x 7/8"	1	14	Whole	15	5/16"	2.3	1
BEIGE (1015)	3159208905	6.3 (1/4) x 7/8"	1	14	Whole	15	5/16"	2.3	1
GREEN (6002)	3159208906	6.3 (1/4) x 7/8"	1	14	Whole	15	5/16"	2.3	1
GRAY (7035)	3159208907	6.3 (1/4) x 7/8"	1	14	Whole	15	5/16"	2.3	1

DRILL BIT SCREW WITH PAINTED HEAD

FIXING SCREW:



Head color	Code	Gauge x Length	Tip (no.)	FPP	Thread	Ø Flange (mm)	Tightening wrench	Maximum drilling capacity (mm)	Quantity of hundreds
BLUE (5010)	3157488902	5.5(N12) x 3/4"	3	14	Whole	15	5/16"	5.4	1
WHITE (9003)	3157488901	5.5(N12) x 3/4"	3	14	Whole	15	5/16"	5.4	1
RED (3000)	3157488903	5.5(N12) x 3/4"	3	14	Whole	15	5/16"	5.4	1
YELLOW (1023)	3157488904	5.5(N12) x 3/4"	3	14	Whole	15	5/16"	5.4	1
BEIGE (1015)	3157488905	5.5(N12) x 3/4"	3	14	Whole	15	5/16"	5.4	1
GREEN (6002)	3157488906	5.5(N12) x 3/4"	3	14	Whole	15	5/16"	5.4	1
GRAY (7035)	3157488907	5.5(N12) x 3/4"	3	14	Whole	15	5/16"	5.4	1



COATING - RUSPERT CHEMICAL RESISTANCE

Coating	Salt Spray ¹ (hrs)	Kesternich ² (cycles)
Ruspert	2.000	25

¹ - Standards ASTM B117, ABNT NBR 8094;

² - Test according to DIN 50018 (maximum 15% red corrosion on the head of the fastener).

225 SELF DRILLING TILE SCREW - WITH EPDM SEALING WASHER



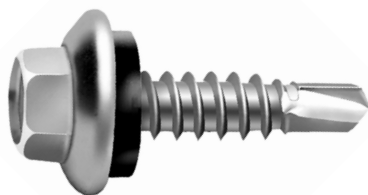
ADVANTAGES

Material	heat-treated carbon steel
Drilling	good speed
Operation	drills, fixes and seals all in one operation
Environment	designed for environments with a low rate of corrosion

APPLICATIONS

- Fixing metal and translucent tiles onto metal purlins (except galvalume and aluminum);
- Joining metal tiles and thin sheets;
- Use on roofs and side closures;
- Recommended for environments with low rates of corrosion;
- We do not recommend using this fastener on aluminum or galvalume tiles (use stainless steel or ruspert).

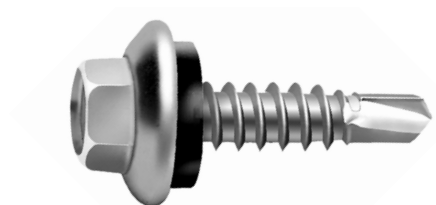
TILE SCREW / TILE (JOINING):



Code	Gauge x Length	Tip (no.)	FPP	Thread	Ø Flange (mm)	Tightening wrench	Maximum drilling capacity (mm)	Quantity of hundreds
22569901	5.5 (No. 12) 14x7/8"	1	14	Whole	15	5/16"	2	2

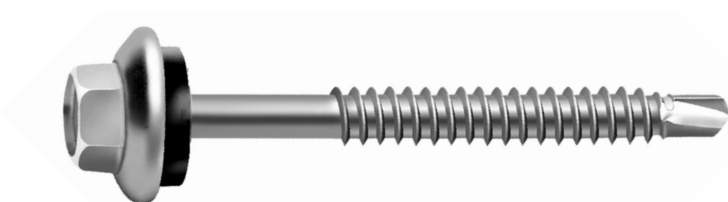
SELF DRILLING TILE SCREW - WITH EPDM SEALING WASHER

TILE SCREW / PURLIN (FIXING):



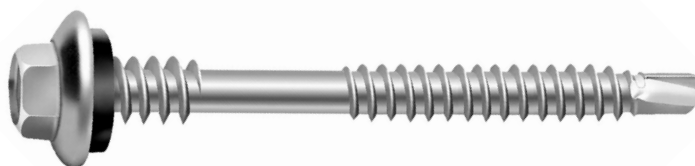
Code	Gauge x Length	Tip (no.)	FPP	Thread	Ø Flange (mm)	Tightening wrench	Maximum drilling capacity (mm)	Quantity of hundreds
22574801	5.5 (No. 12) 14x3/4"	3	14	Whole	15	5/16"	5	2
22575001	5.5 (No. 12) 14x1"	3	14	Whole	15	5/16"	5	2
22575201	5.5 (No. 12) 14x1.1/2"	3	14	Whole	15	5/16"	5	2
22575401	5.5 (No. 12) 14x2"	3	14	Whole	15	5/16"	5	2

SIDING SCREW (FIXING):



Code	Gauge x Length	Tip (no.)	FPP	Thread	Ø Flange (mm)	Tightening wrench	Maximum drilling capacity (mm)	Quantity of hundreds
22575601	5.5 (No. 12) 14x2.1/2"	3	14	Partial	15	5/16"	5	2
22576001	5.5 (No. 12) 14x3.1/2"	3	14	Partial	15	5/16"	5	2
22576201	5.5 (No. 12) 14x4"	3	14	Partial	15	5/16"	5	2

THERMOACOUSTIC TILE SCREW (SANDWICH PANEL ROOF TILE FIXATION):



Code	Gauge x Length	Tip (no.)	FPP	Thread	Ø Flange (mm)	Tightening wrench	Maximum drilling capacity (mm)	Quantity of hundreds
22579201	5.5 (No. 12) 14x2.3/8"	4	14	Partial	15	5/16"	7.5	2
22578401	5.5 (No. 12) 14x3.1/2"	4	14	Partial	15	5/16"	7.5	2
22578601	5.5 (No. 12) 14x4"	4	14	Partial	15	5/16"	7.5	2

COATING - WHITE ZINC PLATED CHEMICAL RESISTANCE

Coating	Salt Spray ¹ (hrs)	Kesternich ² (cycles)
White zinc plated	48	N/A

¹ - Standards ASTM B117, ABNT NBR 8094;

² - Test according to DIN 50018 (maximum 15% red corrosion on the head of the fastener);
N/A - Not applicable.

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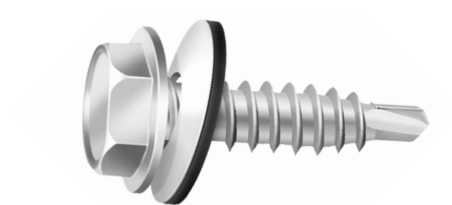
SELF DRILLING TILE SCREW - WITH EPDM ZINC PLATED STEEL VULCANIZED MOBILE WASHER

**ADVANTAGES**

Material	heat-treated carbon steel
Use	metal and translucent tiles
Variety	wide variety of lengths and gauges
Drilling	good drilling speed

APPLICATIONS

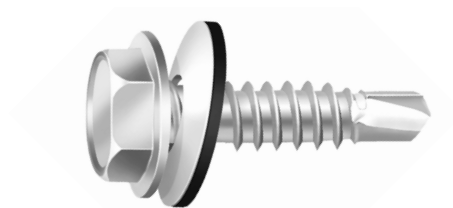
- Fixing metal and translucent tiles onto metal purlins;
- Fixing on side closures;
- Joining thin metal sheets;
- Recommended for environments with low rates of corrosion.

TILE SCREW / TILE (JOINING):

Code	Gauge x Length	Tip (no.)	FPP	Thread	Ø Flange (mm)	Tightening wrench	Maximum drilling capacity (mm)	Quantity of hundreds
22669901	5.5 (No. 12) 14x7/8"	1	14	Whole	11	5/16"	2	2

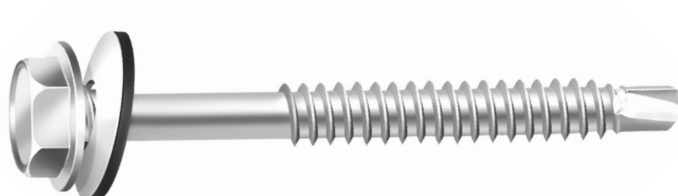
SELF DRILLING TILE SCREW - WITH EPDM ZINC PLATED STEEL VULCANIZED MOBILE WASHER

TILE SCREW / PURLIN (FIXING):



Code	Gauge x Length	Tip (no.)	FPP	Thread	Ø Flange (mm)	Tightening wrench	Maximum drilling capacity (mm)	Quantity of hundreds
22674801	5.5 (No. 12) 14x3/4"	3	14	Whole	11	5/16"	5	2
22675001	5.5 (No. 12) 14x1"	3	14	Whole	11	5/16"	5	2
22675201	5.5 (No. 12) 14x1.1/2"	3	14	Whole	11	5/16"	5	2

SIDING SCREW (FIXING):



Code	Gauge x Length	Tip (no.)	FPP	Thread	Ø Flange (mm)	Tightening wrench	Maximum drilling capacity (mm)	Quantity of hundreds
22675601	5.5 (No. 12) 14x2.1/2"	3	14	Partial	11	5/16"	5	2
22676001	5.5 (No. 12) 14x3.1/2"	3	14	Partial	11	5/16"	5	2
22676201	5.5 (No. 12) 14x4"	3	14	Partial	11	5/16"	5	2

COATING - WHITE ZINC PLATED CHEMICAL RESISTANCE

Coating	Salt Spray ¹ (hrs)	Kesternich ² (cycles)
White zinc plated	48	N/A

¹ - Standards ASTM B117, ABNT NBR 8094;

² - Test according to DIN 50018 (maximum 15% red corrosion on the head of the fastener);
N/A - Not applicable.

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TILE SCREW TYPE 17 WITH EPDM
SEALING WASHER

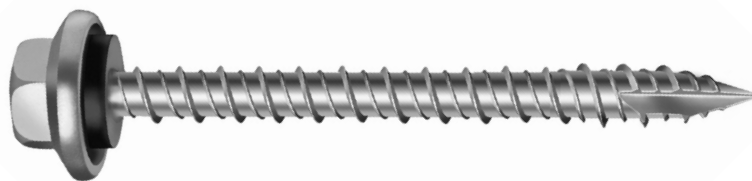
ADVANTAGES

Material	heat-treated carbon steel
Use	metal and translucent tiles
Resistance	high corrosion resistance in coastal and industrial environments
Design	head design that provides optimal seating of the washer and promotes proper sealing.

APPLICATIONS

- Fixing metal and translucent tiles onto wood purlins;
- Fixing on side closures in wood;
- Recommended for environments with high rates of corrosion.

TILE SCREW / PURLIN (FIXING):



Code	Gauge x Length	Tip (no.)	FPP	Thread	Ø Flange (mm)	Tightening wrench	Quantity of hundreds
32377587	4.8 (No. 10) 8x1.1/2"	17	8 (Hi-Lo)	Whole	13.2	5/16"	2
32377587G							20
32377887	4.8 (No. 10) 8x2"	17	8 (Hi-Lo)	Whole	13.2	5/16"	2
32377887G							15

COATING - RUSPERT
CHEMICAL RESISTANCE

Coating	Salt Spray ¹ (hrs)	Kesternich ² (cycles)
Ruspert	1500	20

¹ - Standards ASTM B117, ABNT NBR 8094;

² - Test according to DIN 50018 (maximum 15% red corrosion on the head of the fastener).

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SELF TAPPING SCREW WITH DRILL BIT -
HEX SHANK

ADVANTAGES

Material	heat-treated carbon steel
Fixing	quick fixing of clips on metal purlins
Resistance	high corrosion resistance in coastal and industrial environments

APPLICATIONS

- Fixing clips on zip roofs;
- Truck body;
- Recommended for environments with high rates of corrosion.

TILE SCREW / CLIP/PURLIN (FIXING):



Code	Gauge x Length	Tip (no.)	FPP	Thread	Ø Flange (mm)	Tightening wrench	Maximum drilling capacity (mm)	Quantity of hundreds
32492187	6.3 (No. 1/4) 14x1"	3	14	Whole	12	T30	5.4	2
32492187G								4

COATING - RUSPERT
CHEMICAL RESISTANCE

Coating	Salt Spray ¹ (hrs)	Kesternich ² (cycles)
Ruspert	1500	20

¹ - Standards ASTM B117, ABNT NBR 8094;

² - Test according to DIN 50018 (maximum 15% red corrosion on the head of the fastener).

SELF TAPPING SCREW WITH SELF DRILLING POINT - TORX DRIVE



ALUMINUM VULCANIZED WASHER / EPDM:

TECHNICAL SPECIFICATIONS

Dimensions	Ciser standard
Material	EPDM - Aluminum

Code	Nominal dimension (mm X in)	Outer Diameter (mm)	Inner Diameter (mm)	Application
31755000	5.5 (No. 12) x 7/8"	22	6	Used to reinforce sealing of the screws when fixing translucent tiles and thermoacoustic tiles when they are fixed in the lower wave
31765000	5.5 (No. 12) x 1.1/8"	28.5	6	
31755100	6.3 (1/4) x 7/8"	22	6.5	

HEXAGONAL MAGNETIC SOCKET

TECHNICAL SPECIFICATIONS

Dimensions	Ciser standard
Material	alloy steel (chrome vanadium)
Treatment	quenched and tempered

Code	Wrench	Nominal dimension	
	W	S (in)	L (mm)
56916700	1/4"	1/4"	65
56921700	5/16"		
56926700	3/8"		
56931700	7/16"		
56936700	1/2"		



HEX TIP (TORX ®)

TECHNICAL SPECIFICATIONS

Socket	1/4" hex
Material	S2 alloy steel
Treatment	quenched and tempered

Code	Wrench (no.)	Nominal dimension	
	W	S (in)	L (mm)
57417000	T10	1/4"	50
57417500	T15		
57417600	T20		
57417700	T25		
57417800	T30		
57417900	T40		



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