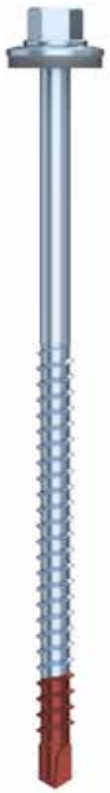
PRODUCT DATA SHEET

SWPS BI-METAL; STEEL-WOOD

PRODUCT DESCRIPTION

The sandwich panel screw is a self-drilling screw for steel-wood connections that drills or forms its own core hole and mating thread in the component. This eliminates the need for pre-drilling and the selection of the correct drill hole diameter. The specially designed drill point prevents the screw from drifting on the component surface. This allows fast drilling. It is no longer necessary to centre punch the drilling point. The sandwich panel screw is therefore a time-saving alternative to conventional self-tapping screws. The sandwich panel screw made of bi-metal is characterised by a hexagonal drive for ideal force transmission and an A2 sealing washer with EPDM seal.
The sandwich panel screw combines the high corrosion resistance of A2 stainless steel with the outstanding mechanical properties of carbon steel.



ADVANTAGES/SPECIFICATIONS

- High corrosion resistance due to A2
- For bi-metal version: tip made of carbon steel, high hardness and strength
- Max. Drilling capacity 5 and 12 mm in steel

MATERIAL

- A2 stainless stee
- Stainless steel according to DIN10088
- Sealing disc A2 and EPDM

Notes
No red tip, for illustrative purposes only.

AREAS OF APPLICATION

- Fastening steel to wood

CERTIFICATIONS

Europ. Techn. Bewertung
European Technical Assessment
ETA-21/0318

Europ. Techn. Bewertung
European Technical Assessment
ETA - 22/0568

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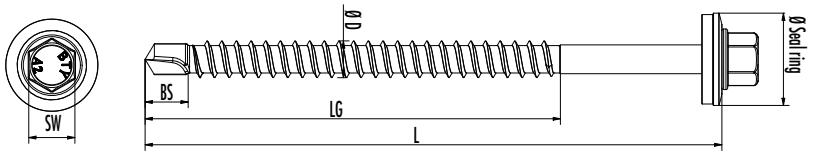
TECHNICAL INFORMATION



Top view

Side view

PRODUCT TABLE

Art. no.	Ø D [mm]	L [mm]	LG [mm]	BS [mm]	SW	Ø Seal ring [mm]	H [mm][a)]	PU
Drilling capacity 5 mm								
945839	6,5	120	72	7,5	SW8	16	200	200
945915	6,5	140	72	7,5	SW8	16	200	200
945916	6,5	160	72	7,5	SW8	16	200	200
945917	6,5	180	72	7,5	SW8	16	200	200
945918	6,5	200	72	7,5	SW8	16	200	200
945919	6,5	220	72	7,5	SW8	16	200	200
945921	6,5	240	72	7,5	SW8	16	200	200
945922	6,5	260	72	7,5	SW8	16	200	200
945923	6,5	280	72	7,5	SW8	16	200	200
945924	6,5	300	72	7,5	SW8	16	200	200

If you are not familiar with how this product is used, and particularly with the product's intended use, please contact our Application Technology department (Technik@eurotec.team).

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