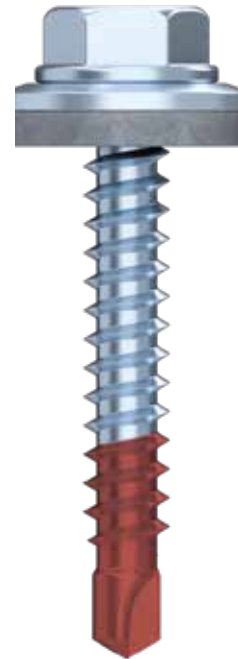


PRODUCT DATA SHEET

BIGHTY BI-METAL DRILLING SCREW

PRODUCT DESCRIPTION

BiGHTY is a drilling screw for steel-steel and timber-steel connections that drills its own core hole and cuts its own mating thread in the component. There is therefore no need for pilot-drilling or for selecting the correct drill-hole diameter. The specially shaped drill point prevents the screw from drifting on the surface of the component. This allows fast drilling. It is no longer necessary to centre-punch the drilling site. The BiGHTY drilling screw therefore presents a time-saving alternative to conventional self-tapping screws. The BiGHTY drilling screw can be screwed in with a commercially available spanner or socket spanner. The BiGHTY bimetal combines the high corrosion resistance of A2 stainless steel with the outstanding mechanical properties of a carbon steel.



ADVANTAGES/PROPERTIES

- High corrosion resistance through A2
- Tip: Carbon steel, high hardness and strength

MATERIAL

- A2 stainless steel
- Stainless steel in accordance with DIN 10088
- Seal ring in A2 and EPDM



Note

No red tip, for illustrative purposes only.
For the steel-wood connections, we recommend the Bighty bi-metal drilling screw with a dimension of 6.5 mm.

APPLICATIONS

- Steel to steel fastening
- Steel to wood fastening

CERTIFICATION

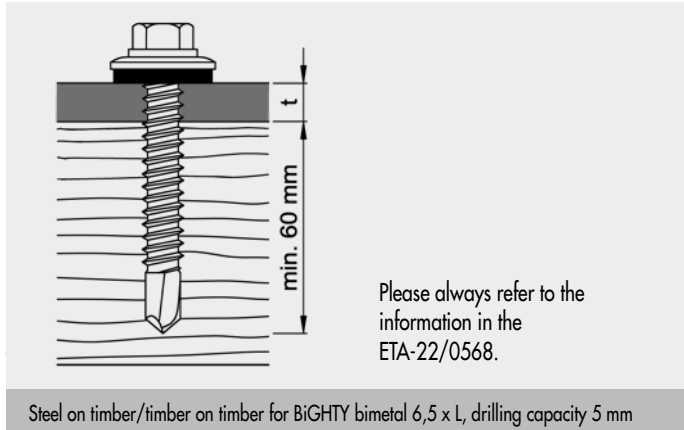
- European Technical Assessment
ETA-22/0568



PRODUCT DATA SHEET

BIGHTY BI-METAL DRILLING SCREW

CONNECTION OPTION



ARTICLE TABLE

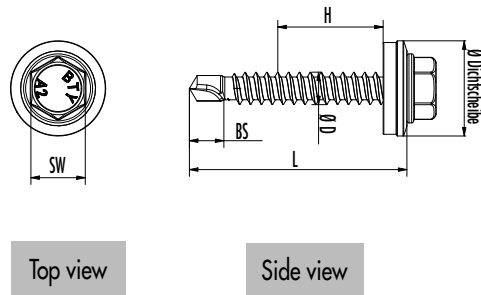
Art.-No.	Ø D [mm]	L [mm]	BS [mm]	SW	Ø Seal ring [mm]	H [mm] ^{a)}	PU
Drilling capacity 3 mm							
945885	4,8	19	5	SW8	14	4	500
945886	4,8	25	6	SW8	14	9	500
945887	4,8	32	6	SW8	14	16	500
945888	4,8	38	6	SW8	14	20	200
945847	4,8	50	6	SW8	14	32	200
Drilling capacity 5 mm							
945891	5,5	25	7,5	SW8	16	7	500
945892	5,5	32	7,5	SW8	16	14	500
945893	5,5	38	7,5	SW8	16	20	500
945875	5,5	50	7,5	SW8	16	32	200
945895	5,5	63	7,5	SW8	16	45	200
945896	6,3	25	7,5	SW10	16	7	500
945897	6,3	32	7,5	SW10	16	14	200
945898	6,3	38	7,5	SW10	16	20	200
945841	6,3	50	7,5	SW10	16	32	200
945900	6,3	63	7,5	SW10	16	45	200
945901	6,3	70	7,5	SW10	16	52	200
945902	6,3	80	7,5	SW10	16	62	200
Drilling capacity 12 mm							
945844	5,5	38	15	SW8	16	10	500

^{a)} H= Champing thickness + Sheet thickness t; tmax = Drilling capacity

PRODUCT DATA SHEET

BIGHTY BI-METAL DRILLING SCREW

TECHNICAL INFORMATION



If you are not familiar with the application of the product at hand, especially with the handling according to given regulations, it is essential to get in contact with our technical application support department (technik@eurotec.team).