

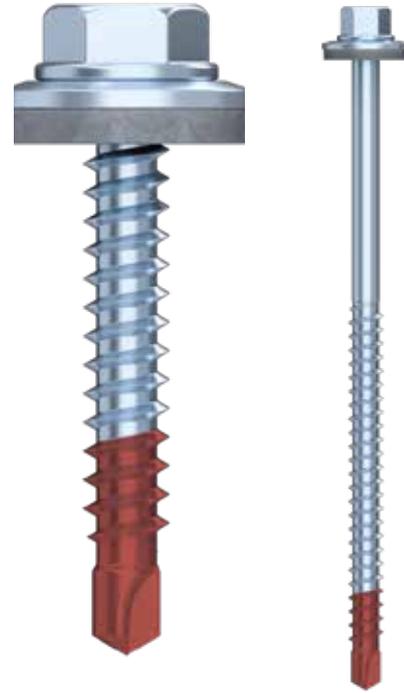
PRODUCT DATA SHEET

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



Notes

No red tip, only for illustration.

APPLICATIONS

- Steel to steel fastening
- Steel to wood fastening

CERTIFICATION

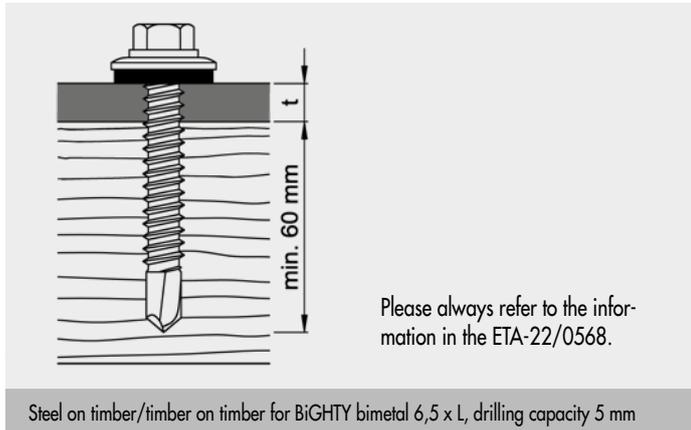
- European Technical Assessment
ETA-22/0568



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CONNECTION OPTION



ARTICLE TABLE

Art.-No.	L [mm]	Ø D [mm]	BS [mm]	SW	Ø Seal ring [mm]	H [mm] ^{a)}	PU
Drilling capacity 3 mm							
945884	16	4,8	5	SW8	14	1	500
945885	19	4,8	5	SW8	14	4	500
945886	25	4,8	6	SW8	14	9	500
945887	32	4,8	6	SW8	14	16	500
945888	38	4,8	6	SW8	14	20	200
945847	50	4,8	6	SW8	14	32	200
Drilling capacity 5 mm							
945891	25	5,5	7,5	SW8	16	7	500
945892	32	5,5	7,5	SW8	16	14	500
945893	38	5,5	7,5	SW8	16	20	500
945894	45	5,5	7,5	SW8	16	27	200
945875	50	5,5	7,5	SW8	16	32	200
945895	63	5,5	7,5	SW8	16	45	200
945896	25	6,3	7,5	SW10	16	7	500
945897	32	6,3	7,5	SW10	16	14	200
945898	38	6,3	7,5	SW10	16	20	200
945899	45	6,3	7,5	SW10	16	27	200
945841	50	6,3	7,5	SW10	16	32	200
945900	63	6,3	7,5	SW10	16	45	200
945901	70	6,3	7,5	SW10	16	52	200
945902	80	6,3	7,5	SW10	16	62	200
Drilling capacity 12 mm							
945844	38	5,5	15	SW8	16	10	500

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

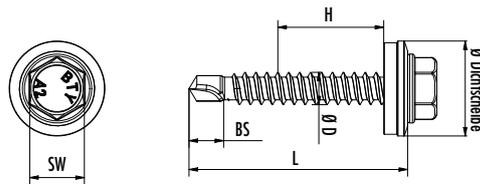
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ARTICLE TABLE

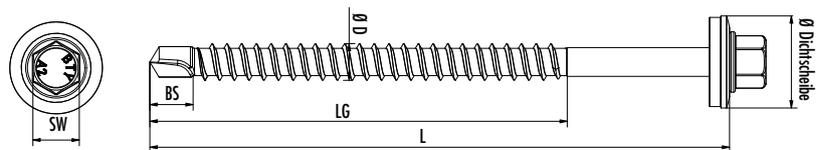
Art.-No.	L [mm]	LG [mm]	Ø D [mm]	BS [mm]	SW	Ø Seal ring [mm]	H [mm] ⁰¹	PU
Drilling capacity 5 mm								
945839	120	72	6,5	7,5	SW8	16	200	500
945915	140	72	6,5	7,5	SW8	16	200	500
945916	160	72	6,5	7,5	SW8	16	200	500
945917	180	72	6,5	7,5	SW8	16	200	500
945918	200	72	6,5	7,5	SW8	16	200	200
945919	220	72	6,5	7,5	SW8	16	200	200

DRAWINGS



Top view

Side view



Top view

Side view

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).