

## Product data sheet – Profile drilling screw

### Product description

The profile drilling screw made of hardened stainless steel/A4 stainless steel is a screw that was specifically developed for fixing terrace decking boards to Eurotec aluminium substructure profiles.

The screw has a 5 mm drill bit and a countersunk head with TX drive.

### Material

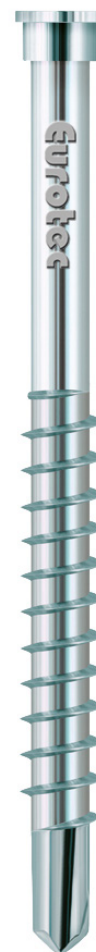
**Stainless Steel**

#### Hardened stainless steel:

- Stainless steel according to DIN EN 10088
- Acid-resistant under certain circumstances
- 10 years of experience without any corrosion problems when used with suitable woods
- 50% higher breaking torque than A2 and A4
- Magnetisable
- Can be used in service classes 1, 2 and 3
- Not suitable for woods containing high levels of tannin, such as cumarú, oak, merbau, robinia, etc.
- Not suitable for salty atmospheres
- Not suitable for chlorinated atmospheres

#### A4 stainless steel:

- Suitable for woods containing high levels of tannin, such as cumarú, oak, merbau, robinia, etc.
- Suitable for salty atmospheres
- Acid-resistant under certain circumstances
- Can be used in service classes 1, 2 and 3
- Not suitable for chlorinated atmospheres



### Advantages

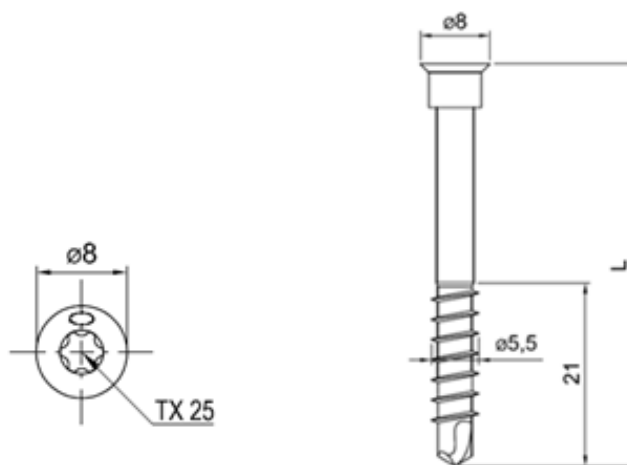
- The screw drills or automatically forms a core hole and a counter thread in the aluminium profile
- The special screw geometry reduces the risk of the wood splitting  
→ However, pilot drilling of the terrace decking board is highly recommended, especially for hardwoods or in terrace and façade construction!
- Reduction of chip formation due to the special head
- Screws can be screwed in smoothly thanks to the TX drive

## Product data sheet – Profile drilling screw

## Product table

Profile drilling screw Ø 5,5						
Art. no.	Dimensions Ød x L [mm]	Thread length lg [mm]	Head diameter Ødh [mm]	Decking board thickness [mm]	Drive	PU
Hardened stainless steel						
905553	5,5 x 41	21	8,0	16 - 20	TX25 •	200
905559	5,5 x 46	21	8,0	21 - 25	TX25 •	200
905562	5,5 x 51	21	8,0	26 - 30	TX25 •	200
975797	5,5 x 56	21	8,0	31 - 35	TX25 •	200
905560	5,5 x 61	21	8,0	36 - 40	TX25 •	200
A4 stainless steel						
905571	5,5 x 41	21	8,0	16 - 20	TX25 •	200
905563	5,5 x 46	21	8,0	21 - 25	TX25 •	200
905564	5,5 x 51	21	8,0	26 - 30	TX25 •	200
975798	5,5 x 56	21	8,0	31 - 35	TX25 •	200
905565	5,5 x 61	21	8,0	36 - 40	TX25 •	200

## Drawings



## Instructions for use

The drill bit ensures that the screw independently forms a drill hole and a counter thread in the aluminium substructure. The terrace decking board should always be pilot-drilled to a diameter of 5,5 mm.

The screw's drilling capacity is designed for a maximum profile wall thickness of 3,5 mm. To ensure that the screw is sufficiently secure in the aluminium, the aluminium profiles' wall thickness should not be less than 2,2 mm.

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).