

## Product Data Sheet – Angle-bracket screw

### Product description

The **Angle-bracket screw** of hardened carbon steel is designed for steel sheet – wood connections. The geometry of screw tip reduces splitting of the wood. The smooth shank under the head enables the load transfer under shearing. The thread enables the load transfer under tension (and shearing). The intended use of the **Angle-bracket screw** is fixing steel sheets and three-dimensional nailing plates (as joist hangers etc.) to timber. The bore holes have to have a diameter of 5 mm.

### Material

Hardened carbon steel, blue galvanized

- Applicable in service classes 1 and 2 to DIN EN 1995 - Eurocode 5
- Good resistance to mechanical loading
- Contains no chromium(VI) oxide
- Not suitable for wood

### Advantages

- Faster and simpler screwing-in
- Lower splitting effect
- National and international approvals
- Applicable in service classes 1 and 2
- Contains no chromium(VI) oxide
- Resistant to mechanical loading

### Approvals

- European Technical Approval ETA-11/0024
- Self-drilling screws as wood fastener

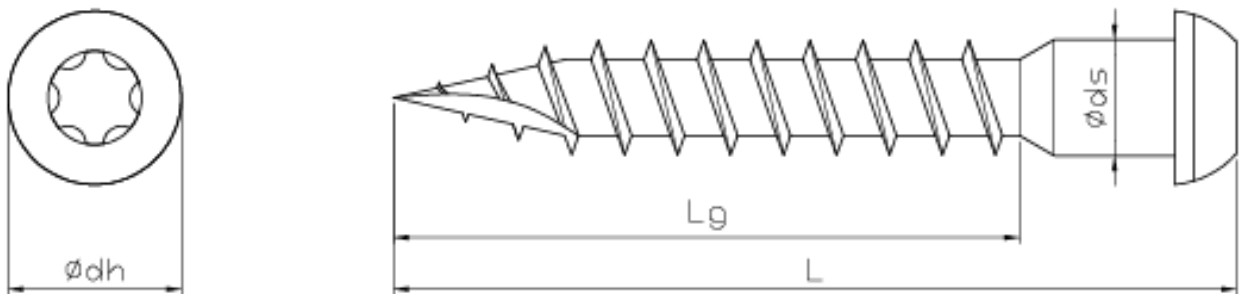


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### Articles table

Art. no.	Dimensions $\varnothing d \times L$ [mm]	Thread length $L_g$ [mm]	Shaft diameter $d_S$ [mm]	Head diameter $d_h$ [mm]	Drive	PU [pcs]
945343	5,0x25	16	4,8	7,2	TX 20	250
945232	5,0x35	26	4,8	7,2	TX 20	250
945241	5,0x40	31	4,8	7,2	TX 20	250
945233	5,0x50	41	4,8	7,2	TX 20	250
945344	5,0x60	51	4,8	7,2	TX 20	250
945345	5,0x70	61	4,8	7,2	TX 20	250

### Drawing



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.