

Transport anchor system

Transport anchor and transport anchor screws

Transport anchor

High-quality steel



Art. no.	Dimensions [mm] ^{a)}	Load group	PU*
110361	190 x 70	Up to 1,3 tons	2

a) Length x width
* Screws must be ordered separately (see below)

Please note

- Transport anchor screws must only be used once
- Insert the screws without pilot-drilling
- Read the operating instructions in detail before use
- Users are to be trained before beginning use for the first time
- The transport anchor is to be examined for damage before each use and rejected if necessary
- The weight of the component to be lifted must not exceed the permissible value
- At least two attachment points per component to be lifted

The secure lifting system

Made of high-grade steel, this lifting attachment is used to lift all kinds of timber parts safely and easily. The transport anchors of the load group up to 1,3 tonnes are strictly to be used only in conjunction with the Ø 11 x 125 mm and Ø 11 x 160 mm Eurotec transport anchor screws. The Eurotec transport anchor screws must only be used once. They are to be screwed into solid wood (softwood), laminated veneer timber, glued laminated timber, cross laminated timber, stacked planks and laminated joists without pilot-drilling. Use in hardwoods is not permitted. The possible, or rather permissible, assembly positions can be found in our operating instructions, of which we will be delighted to provide you with a copy.

Permissible lifting load^{a)} per attachment point^{b)}

	γ^d	α^d	11 x 125 mm	11 x 160 mm
Axial tension	60°	60°	533 kg	603 kg
	60°	30°	409 kg	462 kg
Diagonal tension	60°	90°	462 kg	522 kg
	60°	0°	139 kg	157 kg

a) Calculation according to ETA-11/0024 with wood density $\rho_k = 350 \text{ kg/m}^3$; $k_{mod} = 0,9$; $\gamma_M = 1,3$; $\gamma_S = 1,35$; $g = 9,81 \text{ m/s}^2$ and dynamic factor $\phi_2 = 1,16$.

b) All technical values provided should be viewed as subject to the assumptions that have been made and represent example calculations. All values are calculated minimum values and are subject to typographical and printing errors.

c) At least two lines must be used per component to be lifted. Each line leads to exactly one attachment point. If more than two lines are attached, only two attachment points can be assumed to be load-bearing unless it is ensured that the load is distributed evenly onto further lines (e. g. using a compensator) or that the uneven load distribution does not exceed the permissible loading of the individual lines.

d) γ - Inclination angle of line (chain, rope, lifting strap etc.); at least 60° according to BGR 500

d) α - Angle between grain direction and screwing axis

Please note: These are planning aids. Projects must only be calculated by authorised persons.

Transport anchor screw

High-quality steel, with AG tip



Art. no.	Dimensions [mm]	Head	PU
110359	11 x 125	SW17	20
110360	11 x 160	SW17	20

