PRODUCT DATA SHEET T-PROFILE STEEL

PRODUCT DESCRIPTION

Eurotec's T-profile steel is a concealed wood connector designed for indoor applications. The profile is suitable for both right-angled and angled connections between individual joists in timber-to-timber and timber-to-concrete applications. It can be used in combination with Eurotec's dowels and Rock concrete screws.

APPLICATIONS

- Conditionally corrosion-resistant
- Suitable for use in service classes 1 and 2 in accordance with DIN EN 1995 (Eurocode 5)

NKL 1–2

MATERIAL

- S235JR hot-dip galvanised

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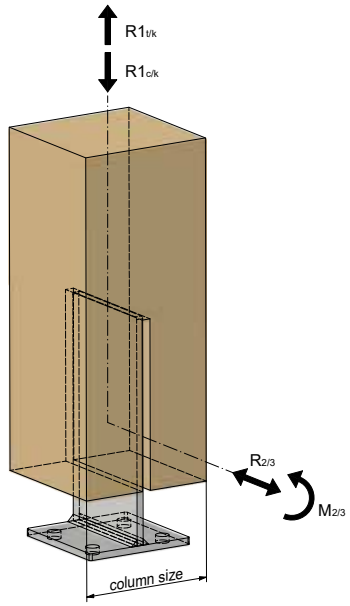
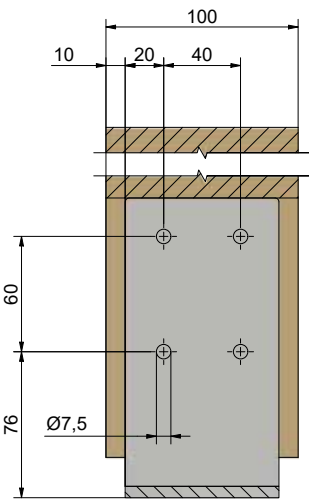
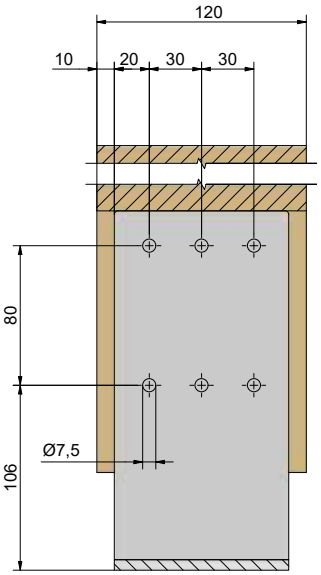
TECHNICAL INFORMATION

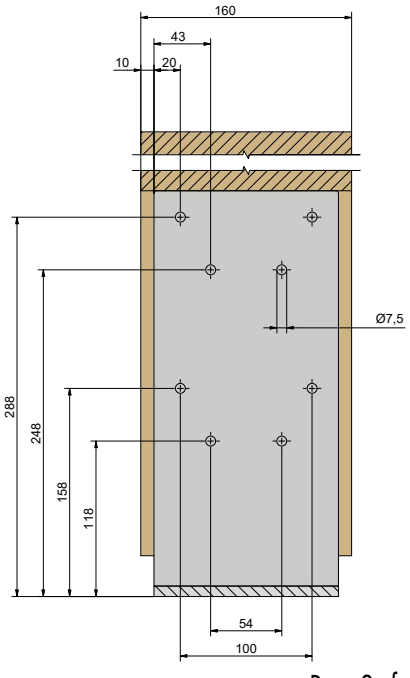
T-profile steel				
Art. no.	Dimensions [mm]	t [mm]	Steel Class	Concrete anchor [pcs x Ø]
904606	80 x 80 x 150	4	S235	4 x M8
904607	100 x 100 x 200	6	S235	4 x M10
904608	140 x 140 x 300	8	S235	4 x M12



T-profile steel										
Art. no.	Products	Timber Section	Compression		Tension		Shear		Moment	
	EST rod dowel pcs - Ø x L	Column Size [mm x mm]	$R_{1,c,k}$ - Holz [kN]	$R_{1,c,d}$ - Stahl [kN]	$R_{1,t,k}$ - Holz [kN]	$R_{1,t,d}$ - Stahl [kN]	$R_{2/3,k}$ - Holz [kN]	$R_{2/3,d}$ - Stahl [kN]	$M_{23,k}$ - Holz [kN.m]	$M_{23,d}$ - Stahl [kN.m]
904606	4 - Ø 7,5 x 75	100x100	31,7	68,4	31,7	75	29,8	43,4	0,8	1
904607	6 - Ø 7,5 x 95	120x120	55,5	128,2	55,5	141	47,4	81,4	1,2	2,3
904608	8 - Ø 7,5 x 115	160x160	90,6	239,1	90,6	263	67,8	151,8	3,0	6,1







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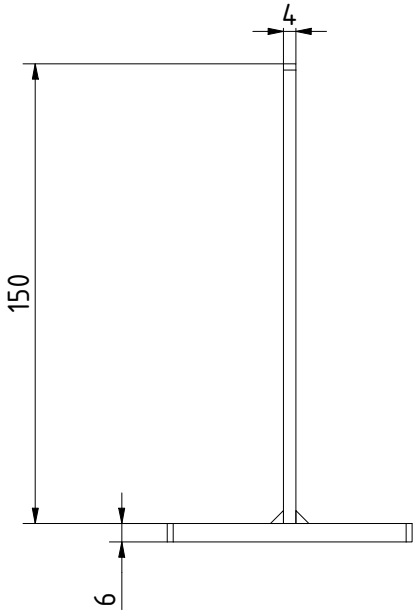
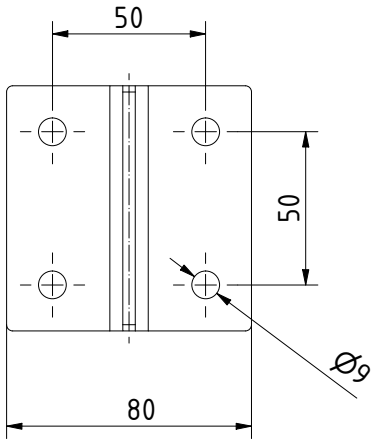
80 x 80 x 150 mm

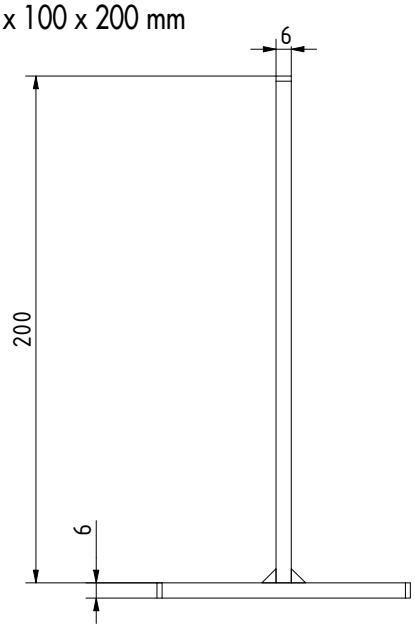


Side view

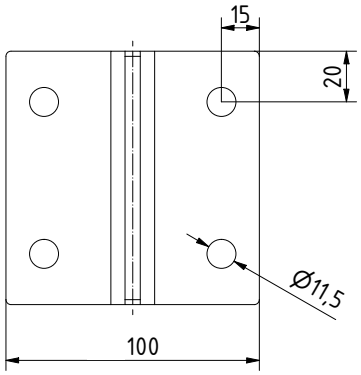


Top view

100 x 100 x 200 mm



Side view



Top view

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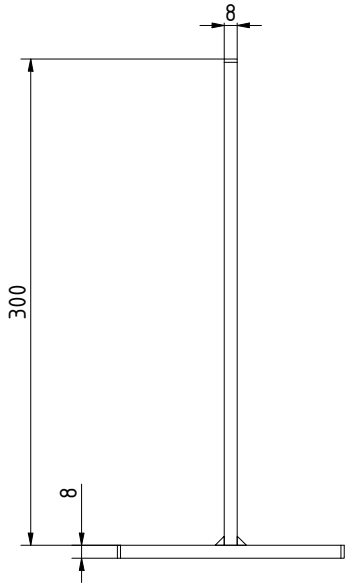
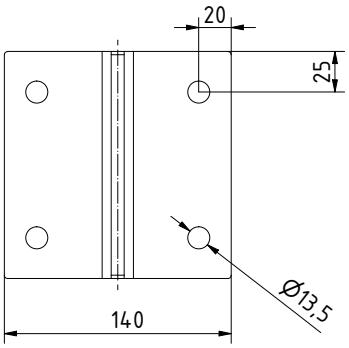
140 x 140 x 300 mm



Side view



Top view

PRODUCT TABLE

T-profile steel				
Art. no.	Length [mm]	Width [mm]	Height [mm]	PU
904606	80	80	150	1
904607	100	100	200	1
904608	140	140	300	1

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).

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