

Connectors 88318.1000



Technical data

Dimensions W x H x D (mm)	80 x 180 x 12
Number of screws	34
Usable screw size	Ø5 x 60 - 120 mm
Minimum wood dimensions with screws Ø5x60mm on the main beam	70 x 200 mm
Minimum wood dimensions with screws Ø5x60mm on the secondary beam	100 x 200 mm
Characteristic load-bearing capacity* in the insertion direction with screws Ø5x120mm	93,17 kN
Characteristic load-bearing capacity* in the insertion direction with screws Ø5x60mm	47,55 kN
VPE	10

Optimal distances to the edges and variable screws length ensure accuracy of fit for each timber section.

* Further static values can be found in our statics book or the ETA 15/0187.

** Steel failure decisive Values in brackets for service class 3* Further static values can be found in our structural analysis book or the ETA 15/0187.

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Static values

Effektive Gewindelänge (l_{ef})		Mindestquerschnitt (mm)				Charakteristische Tragfähigkeit R_k (kN)									
						Vollholz C24 ($\rho_k = 350 \text{ kg/m}^3$)					Brettschichtholz GL24h ($\rho_k = 385 \text{ kg/m}^3$)				
						NT		HT		$F_{1,Rk}$	$F_{2,Rk}$	$F_{3,Rk}$	NT		$F_{4,Rk}$
Schrauben	l_{ef} (mm)	HT	Breite	NT	Breite	$F_{2,Rk}$	$F_{3,Rk}$	$F_{4,Rk}$	$F_{4,Rk}$				$F_{4,Rk}$	HT	$F_{1,Rk}$
5x60 mm	54 mm	200	70	200	100	44,06	21,80	25,28	39,97	19,04	47,55	21,80	26,51	41,92	20,55
5x80 mm	74 mm	230	90	230	100	58,51	21,80	25,28	39,97	25,28	63,15	21,80	26,51	41,92	27,29
5x100 mm	94 mm	260	110	260	100	72,57	21,80	25,28	39,97	31,36	78,32	21,80	26,51	41,92	33,84
5x120 mm	114 mm	290	130	290	100	86,33	21,80	25,28	39,97	37,30	93,17	21,80	26,51	41,92	40,26

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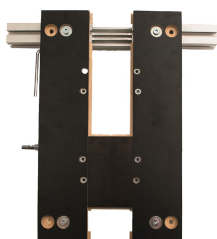
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Accessoires



50934.2000
Grooving cutter Ø 20 mm



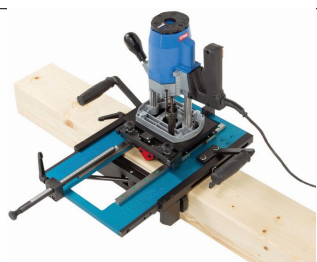
58000.0000
Milling and assembly
template for connectors
88004 - 88322



58396.0000
Collet holder



58396.0012
Collet Ø 12 mm



58399.0000
Milling unit composed of
Milling bit, milling template
and hand overhead...



99111.5060
Countersunk screws V2A
5 x 60 mm



99111.5070
Countersunk screw V2A 5
x 70 mm

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