

Connectors 88214.0000



Technical data	
Dimensions W x H x D (mm)	60 x 140 x 12
Number of screws	24
Usable screw size	Ø5 x 60 - 120 mm
Minimum wood dimensions with screws Ø5x60mm on the main beam	70 x 160 mm
Minimum wood dimensions with screws Ø5x60mm on the secondary beam	80 x 160 mm
Characteristic load-bearing capacity* in the insertion direction with screws Ø5x120mm	62,11 kN
Characteristic load-bearing capacity* in the insertion direction with screws Ø5x60mm	31,70 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 Rk (kN)									
						Vollholz C24 ($\rho_k = 350 \text{ kg/m}^3$)					Brettschichtholz GL24h ($\rho_k = 385 \text{ kg/m}^3$)				
		HT		NT				NT		HT			NT		HT
Schrauben	l_{ef} (mm)	Höhe	Breite	Höhe	Breite	$F_{2,Rk}$	$F_{3,Rk}$	$F_{4,Rk}$	$F_{4,Rk}$	$F_{1,Rk}$	$F_{2,Rk}$	$F_{3,Rk}$	$F_{4,Rk}$	$F_{4,Rk}$	$F_{1,Rk}$
5x60 mm	54 mm	160	70	160	80	29,38	-	17,84	28,21	15,23	31,70	-	18,71	29,59	16,44
5x80 mm	74 mm	190	90	190	80	39,01	-	17,84	28,21	20,23	42,10	-	18,71	29,59	21,83
5x100 mm	94 mm	220	110	220	80	48,38	-	17,84	28,21	25,09	52,21	-	18,71	29,59	27,07
5x120 mm	114 mm	250	130	250	80	57,55	-	17,84	28,21	29,84	62,11	-	18,71	29,59	32,21

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

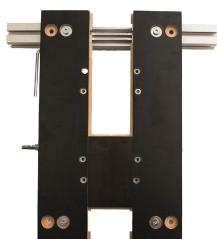
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Accessoires



50934.2000
Grooving cutter Ø 20 mm



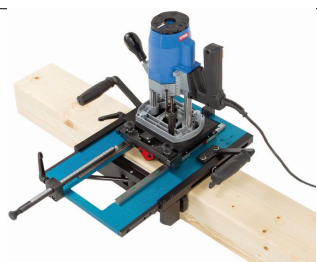
58000.0000
Milling and assembly
template for connectors
88004 - 88322



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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