

Connectors 88210.0000



Technical data

Dimensions W x H x D (mm)	60 x 100 x 12
Number of screws	18
Usable screw size	Ø5 x 60 - 120 mm
Minimum wood dimensions with screws Ø5x60mm on the main beam	70 x 120 mm
Minimum wood dimensions with screws Ø5x60mm on the secondary beam	80 x 120 mm
Characteristic load-bearing capacity* in the insertion direction with screws Ø5x120mm	38,82 kN
Characteristic load-bearing capacity* in the insertion direction with screws Ø5x60mm	19,81 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	120	70	120	80	18,36	-	13,38	21,16	15,23	19,81	-	14,04	22,19	16,44
5x80 mm	74 mm	150	90	150	80	24,38	-	13,38	21,16	20,23	26,31	-	14,04	22,19	21,83
5x100 mm	94 mm	180	110	180	80	30,24	-	13,38	21,16	25,09	32,63	-	14,04	22,19	27,07
5x120 mm	114 mm	210	130	210	80	35,97	-	13,38	21,16	29,84	38,82	-	14,04	22,19	32,21

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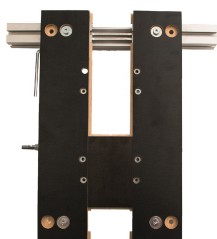
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Accessoires



50934.2000
Grooving cutter Ø 20 mm



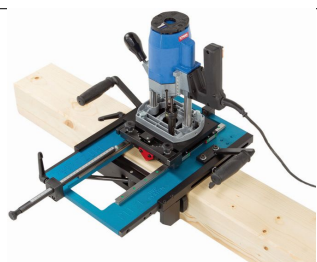
58000.0000
Milling and assembly
template for connectors
88004 - 88322



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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