

Connectors 88004.0000



Technical data

Dimensions W x H x D (mm)	25 x 40 x 12
Number of screws	6
Usable screw size	Ø4,5 x 50 - 80 mm
Minimum timber dimensions with screws Ø4,5x50 mm on the secondary beam	45 x 50 mm
Minimum timber dimensions with screws Ø4,5x50mm on the main beam	60 x 50 mm
Characteristic load-bearing capacity* in the insertion direction with screws Ø4,5x50 mm	2,39 kN
Characteristic load-bearing capacity* in the insertion direction with screws Ø4,5x80 mm	3,82 kN
VPE	20

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.

Connectors 88004.0000

Static values

Effektive Gewindelänge ($\varnothing_{ef}$)		Mindestquerschnitt (mm)				Charakteristische Tragfähigkeit Rk (kN)									
						Vollholz C24 ($\varrho_k = 350 \text{ kg/m}^3$)					Brettschichtholz GL24h ($\varrho_k = 385 \text{ kg/m}^3$)				
		HT		NT				NT		HT			NT		HT
Schrauben	$\varnothing_{ef}$ (mm)	Höhe	Breite	Höhe	Breite	$F_{2,Rk}$	$F_{3,Rk}$	$F_{4,Rk}$	$F_{4,Rk}$	$F_{1,Rk}$	$F_{2,Rk}$	$F_{3,Rk}$	$F_{4,Rk}$	$F_{4,Rk}$	$F_{1,Rk}$
4,5x50 mm	44 mm	50	60	50	45	2,22	-	3,75	5,94	6,01	2,39	-	3,94	6,23	6,49
4,5x60 mm	54 mm	60	70	60	45	2,67	-	3,75	5,94	7,23	2,88	-	3,94	6,23	7,80
4,5x80 mm	74 mm	80	90	80	45	3,54	-	3,75	5,94	9,59	3,82	-	3,94	6,23	10,35

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

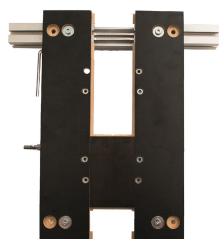
** Steel failure decisive Values in brackets for service class 3* Further static values can be found in our structural analysis book or the ETA 15/0187.

Connectors 88004.0000

Accessoires



50934.1000
Grooving cutter Ø 10 mm



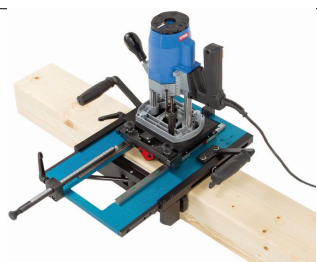
58000.0000
Milling and assembly
template for connectors
88004 - 88322



58396.0000
Collet holder



58396.0008
Collet Ø 8 mm

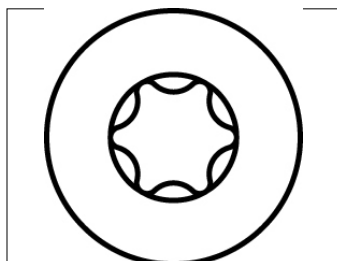


58399.0000
Milling unit composed of
Milling bit, milling template
and hand overhead...

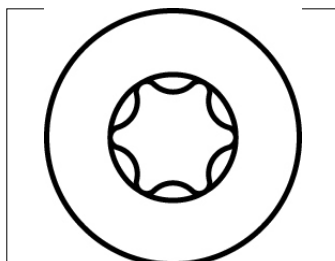
* Further static values can be found in our statics book or the ETA 15/0187.

** 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.

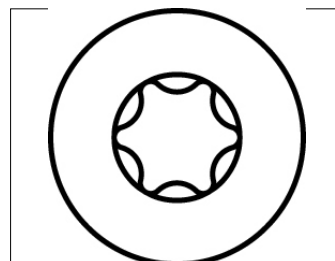
Connectors 88004.0000



99211.4550



99211.4560



99211.4580

* 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.