

Connectors 88715.0000



Technical data

internal thread	M 16
Load capacity	Alu eloxiert
Minimum timber dimensions	90 x 90 mm
Dimensions of plate	Ø 80 x 8 mm
Dimensions of tenon	Ø 24 x 20 mm
Number of countersunk holes	4

Our column-purlin connectors provide stable and reliable joints that can be quickly, precisely, and easily retensioned. Pitzl SPP connectors ensure a secure hold and are the ideal solution for tensile connections as well as for combined timber joints such as column-purlin connections.

The SPP connection is retensionable and can be easily disassembled. According to the ETA approval, straight screw connections are also permitted in end grain. This allows for higher tensile load capacity by extending the effective thread length of the timber construction screws used.

Detailed design information can be found in the Connector Design Manual at: www.pitzl-connectors.com/downloads.

The screw connection is not included in the scope of delivery. You can increase the load capacity by using longer fully threaded screws or by extending the washer dimensions, see static data below.

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

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

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Static values

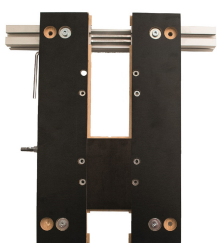
SPP-Verbinder (C24)		F _{1,Rk} (Druck)	F _{1,Rk} (Zug)	F _{2,Rk} oder F _{3,Rk}	F _{4,Rk} oder F _{5,Rk}
Scheibe (mm)	Schrauben (mm)	Holz (kN)	Holz/Stahl (kN)	Holz/Stahl (kN)	Holz/Stahl (kN)
Ø 68 x 4	10 x 160	nach EN 1995-1-1	21,9	29,0	7,3
Ø 68 x 4	10 x 280	nach EN 1995-1-1	31,5	33,0	7,3
Ø 100 x 4	10 x 280	nach EN 1995-1-1	52,9	33,0	7,3
Ø 100 x 4	10 x 280 + 10 x 120	nach EN 1995-1-1	62,5	33,0	7,3

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Accessoires



58000.0000

Milling and assembly
template for connectors
88004 - 88322



58000.1080

Milling template for FM8



99211.1016

Countersunk screw 10 x
160 mm



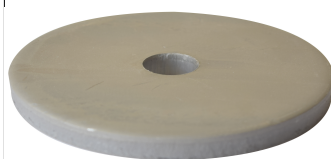
99211.1028

Countersunk screw 10 x
280 mm



99906.0068

Washer Ø 68 x 6 mm
Central bore: 18 mm



99908.0100

Washer Ø 100 x 8 mm
Central bore: 16,5 mm

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