

Connectors 88540.1000



Technical data	
Dimensions W x H x D (mm)	140 x 400 x 20
Number of screws	40
Usable screw size	Ø8 x 100 - 240 mm
Characteristic load-bearing capacity* in the insertion direction with screws Ø8x160mm	201,15 kN
Minimum timber dimensions with screws Ø8x160mm on the main beam	170 x 420 mm
Characteristic load-bearing capacity* in the insertion direction with screws Ø8x240mm	290,90 kN
Minimum timber dimensions with screws Ø8x160mm on the secondary beam	160 x 420 mm
VPE	4

The heavy-duty HVP of the series 885 with a width of 140 mm are optimally suitable for wide beams (from 170 mm) under very high loads. A further quality criterion of the Pitzl HVP connectors series is the anodisation. Beside a smooth-running assembly and a dirty-free surface it provides the Pitzl HVP a very beautiful look.

* 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

Effektive Gewindelänge (l_{ef})		Mindestquerschnitt (mm)				Charakteristische Tragfähigkeit R_k (kN)				
						Brettschichtholz GL24h ($\rho_k = 385 \text{ kg/m}^3$)				
		HT		NT		NT		HT		
Schrauben	l_{ef} (mm)	Höhe	Breite	Höhe	Breite	$F_{2,Rk}$	$F_{3,Rk}$	$F_{4,Rk}$	$F_{4,Rk}$	$F_{1,Rk}$
8x160 mm	150 mm	420	160	420	160	201,15	36,40	67,69	107,03	52,15
8x180 mm	170 mm	450	180	450	160	225,14	36,40	67,69	107,03	58,37
8x200 mm	190 mm	480	200	480	160	248,84	36,40	67,69	107,03	64,52
8x220 mm	210 mm	510	220	510	160	272,29	36,40	67,69	107,03	70,60
8x240 mm	230 mm	540	240	540	160	290,90	36,40	67,69	107,03	75,42

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Accessoires



50934.2000
Grooving cutter Ø 20 mm



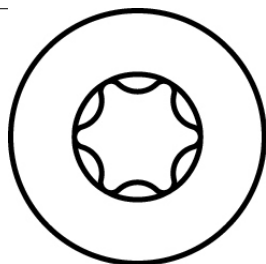
58396.0000
Collet holder



58396.0012
Collet Ø 12 mm



99211.0812
Countersunk screw 8 x
120 mm



99211.0818
Countersunk screw 8 x
180 mm

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