

# Connectors

## 88555.1000

Innovative wood connection systems for highest requirements.



PIST Metallbau GmbH & Co. KG  
DIN EN 1090-2



## Connectors Heavy-duty HVP

# HVP connector 88555.1000

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.



Dimensions w x h x d (mm)	140 x 550 x 20
Number of screws	56
Screws size	Ø 8 x 100 - 200
Minimal timber section with screws Ø 8 x 160 (mm) Header	170 x 570
Joist	170 x 570
Characteristic load capacity* Ø 8 x 160	301,73
Ø 8 x 200	373,26
Packing unit	4
CE	*

\* F<sub>2,Rk</sub> (kN) for GL24h with fully threaded screws: Ø 8 x 160 with effective thread length of 150 mm and Ø 8 x 200 with effective thread length of 190 mm. For other screws and thread lengths or wood based materials: cf. design manual. Screws up to 200 mm length und the expanded heavy-duty series 885.. enable a high augmentation of the load capacity.



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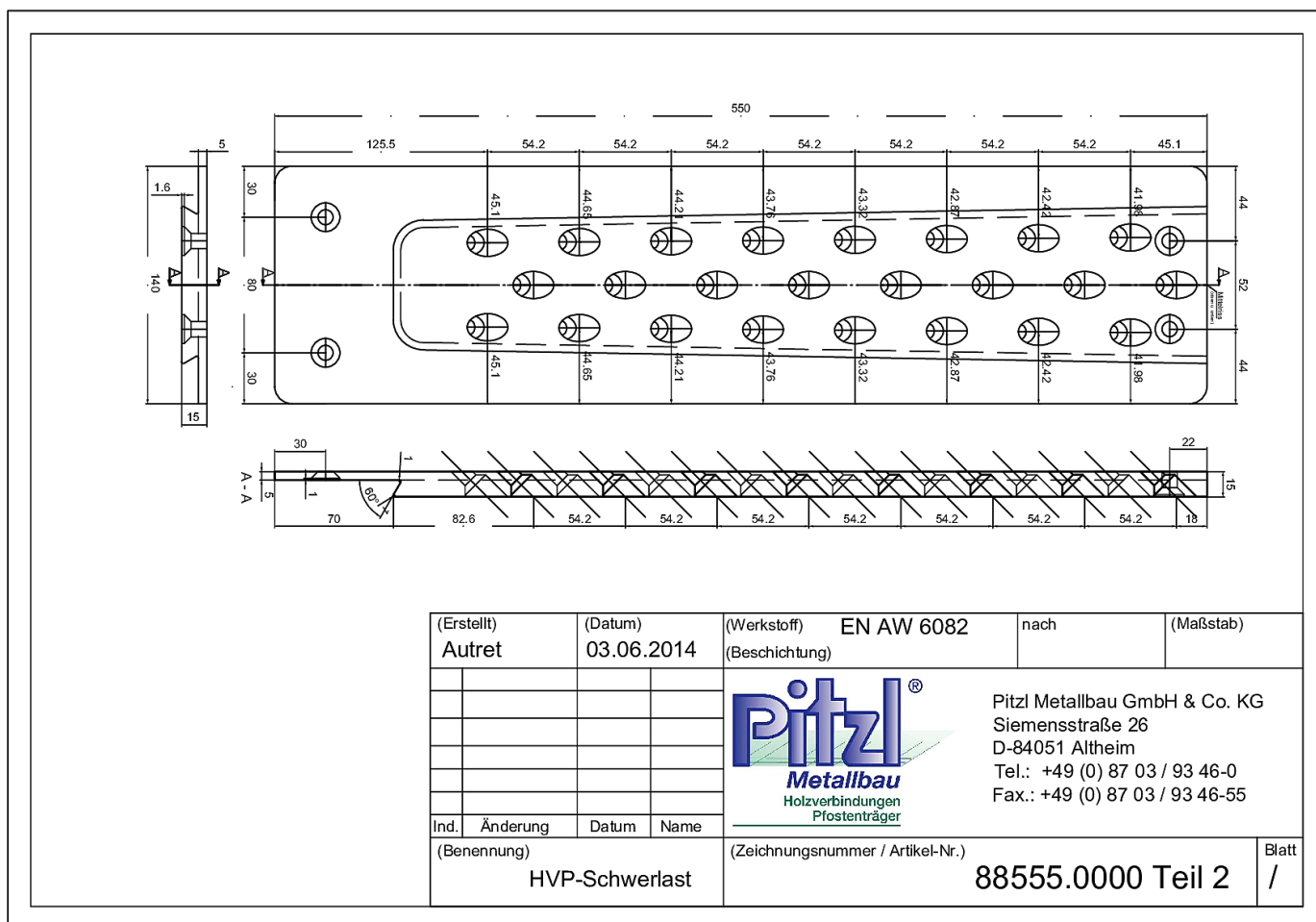
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Product information and  
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### Static values

Effective thread length ( $l_{ef}$ )		Minimal section (mm)		Characteristic load capacity $R_k$ (kN)							
				Solid wood C24 ( $\rho_k = 350 \text{ kg/m}^3$ )				Glued-laminated timber GL24h ( $\rho_k = 385 \text{ kg/m}^3$ )			
Screws	$l_{ef}$ (mm)	H	J	$F_{2,Rk}$	$F_{3,Rk}$	$F_{4,Rk}$	$F_{1,Rk}$	$F_{2,Rk}$	$F_{3,Rk}$	$F_{4,Rk}$	$F_{1,Rk}$
$\emptyset 8,0 \times 160$	150	170 x 570	170 x 570	279,58	36,40	90,36	48,32	298,59	36,40	94,15	51,61
$\emptyset 8,0 \times 180$	170	190 x 600	170 x 600	312,91			54,09	334,19			57,76
$\emptyset 8,0 \times 200$	190	210 x 630	170 x 630	345,86			59,78	369,37			63,85

Further static values can be found in our design manual at [www.pitzl-connectors.com/en/downloads](http://www.pitzl-connectors.com/en/downloads)

### Accessories

Item no.	Description
99211.0812	Countersunk screw 8 x 120 mm
99211.0818	Countersunk screw 8 x 180 mm
99211.0820	Countersunk screw 8 x 200 mm
58396.0000	Collet holder
58396.0012	Collet $\emptyset 12 \text{ mm}$
50934.2000	Grooving cutter $\emptyset 20 \text{ mm}$



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