

# Connectors

## 88318.0000

Innovative wood connection systems for highest requirements.



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



ZiNiP max protection



## Connectors HVP

# HVP connector 88318.0000

Optimal distances to the edges and variable screws length ensure accuracy of fit for each timber section.



Dimensions w x h x d (mm)	80 x 180 x 12
Number of screws	34
Screws size	Ø 5 x 60 - 100
Minimal timber section with screws Ø 5 x 60 (mm) Header	70 x 200
Joist	100 x 200
Characteristic load capacity* Ø 5 x 60	47,55
Ø 5 x 100	78,32
Packing unit	10
CE	*

\* F<sub>2,Rk</sub> (kN) for GL24h with fully threaded screws: Ø 5 x 60 with effective thread length of 54 mm and Ø 5 x 100 with effective thread length of 94 mm. For other screws and thread lengths or wood based materials: cf. design manual.

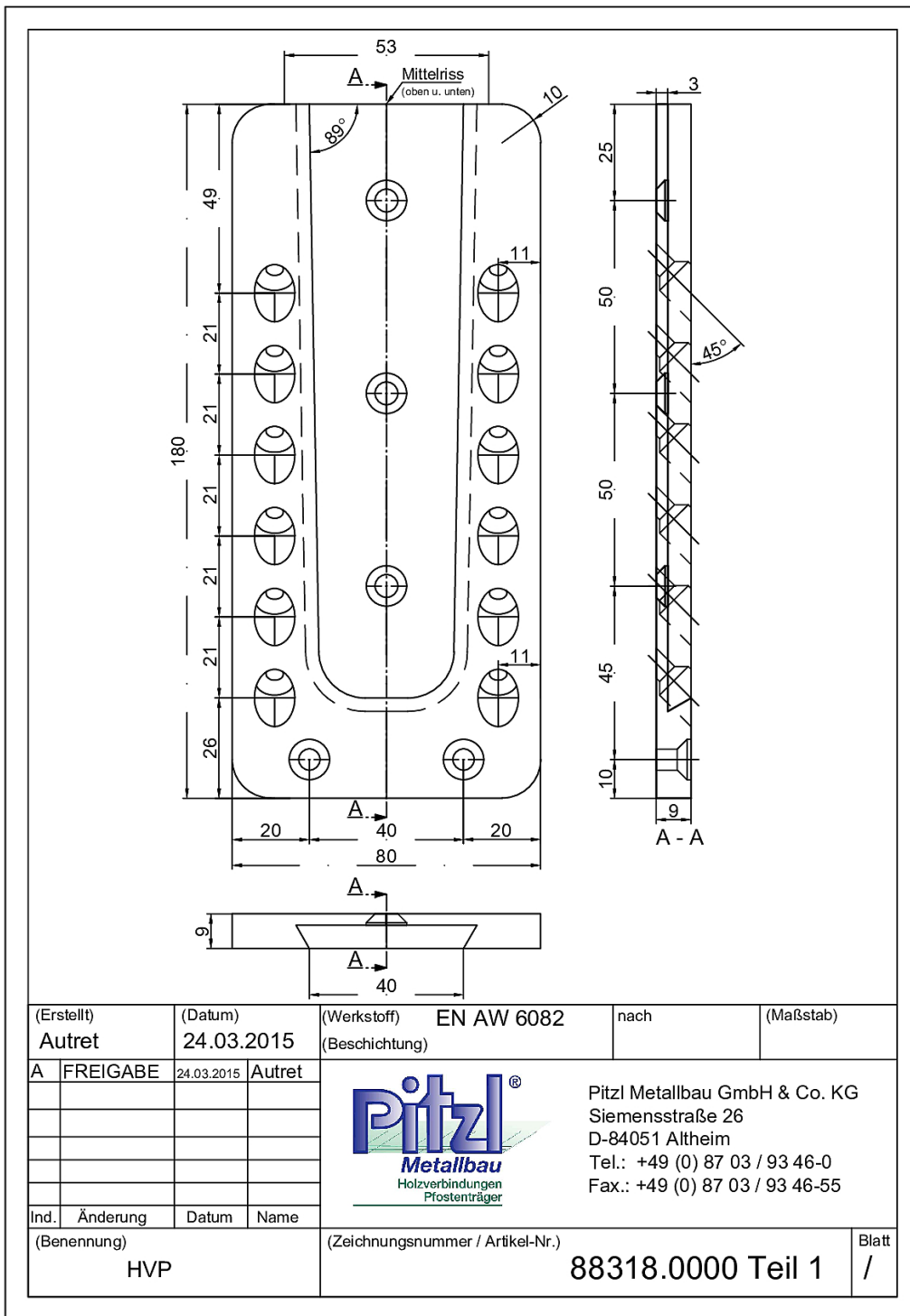


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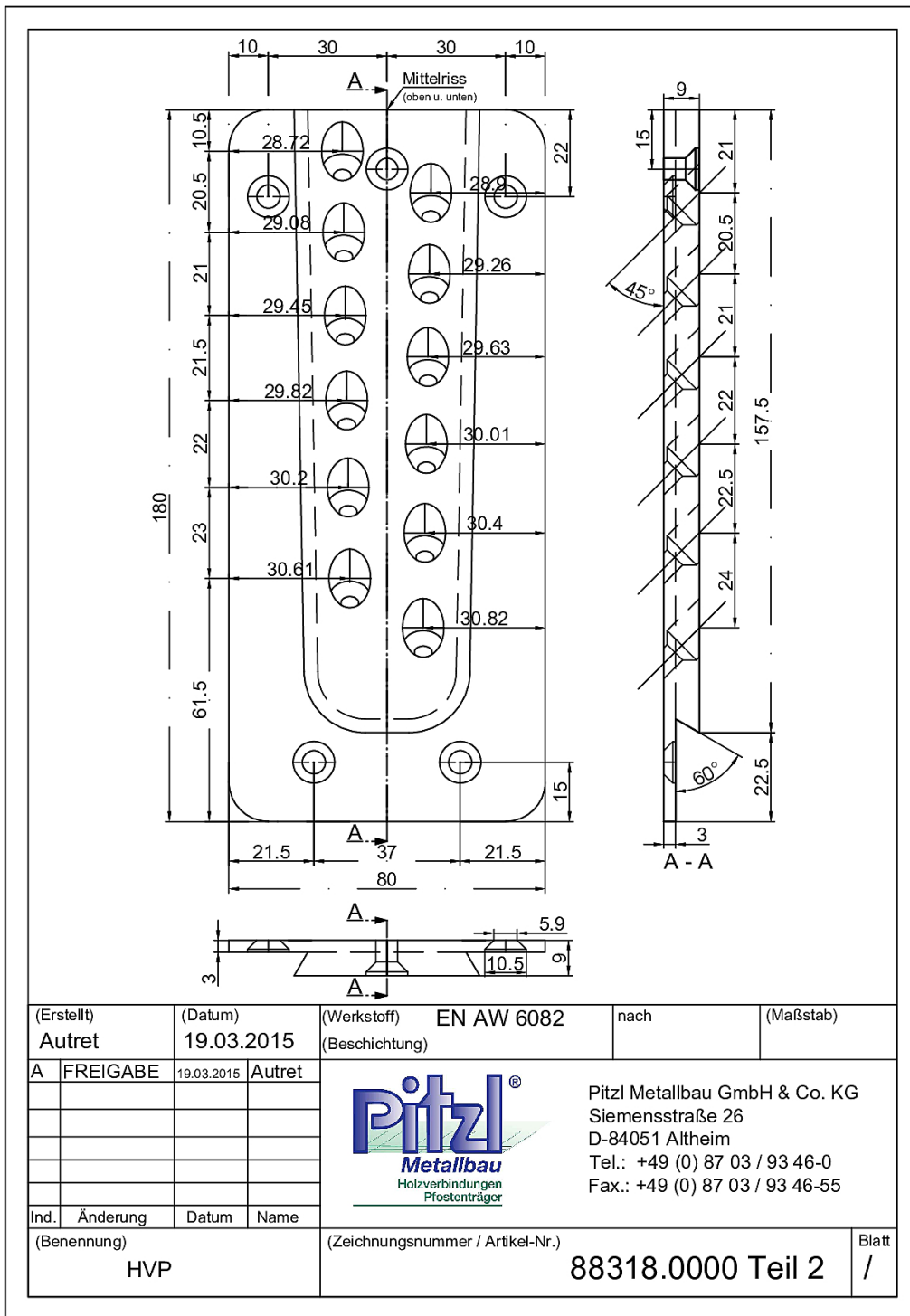
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### Static values

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	$F_{2,Rk}$	$F_{3,Rk}$	$F_{4,Rk}$	$F_{1,Rk}$	$F_{2,Rk}$	$F_{3,Rk}$	$F_{4,Rk}$	$F_{1,Rk}$
$\emptyset 5,0 \times 60$	54	70 x 200	100 x 200	44,06	0,00	25,28	19,04	47,06	0,00	26,34	20,34
$\emptyset 5,0 \times 80$	74	90 x 230	100 x 230	58,51			25,28	62,49			27,00
$\emptyset 5,0 \times 100$	94	110 x 260	100 x 260	72,57			31,36	77,50			33,49

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
99211.5060	Countersunk screw 5 x 60 mm
99211.5080	Countersunk screw 5 x 80 mm
99211.5100	Countersunk screw 5 x 100 mm
99111.5060	Countersunk screws V2A 5 x 60 mm
99111.5070	Countersunk screw V2A 5 x 70 mm
58000.0000	Milling and assembly template for connectors 88004 - 88322
58399.0000	Milling unit composed of Milling bit, milling template and hand overhead router
58396.0000	Collet holder
58396.0012	Collet $\emptyset 12 \text{ mm}$
50934.2000	Grooving cutter $\emptyset 20 \text{ mm}$



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