PRODUCT INFORMATION
WOOD BRACING – WHV 1 - 22

WIEHAG
TIMBER CONSTRUCTION

READY-TO ASSEMBLE BRACING SOLUTIONS FOR ROOF AND WALL BONDS

- Two connection sizes for a wide range of use
- Quickest assembly; only two bolts for steel-steel connection on the construction site
- Steel parts are pre-assembled on beams and diagonals
- Small amount of factory assembly work; only drilled holes in main beam required
- Designed to meet fire protection requirements (steel parts with fireproof coating + RAL colour)

WHV 1 – WHV 11 – WHV 12

Minimum truss width: 140 mm
Connection angle: $30 < \alpha < 60$

IMPORTANT INFORMATION

The tables are only intended for initial sizing and not to replace any structural analysis.

Minimum cross-section		Max. normal force N_d	Max. rod length at max. N_d
Breite	Höhe	[k_{mod}=1,0; γ_m=1,3]	[k_{mod}=1,0; γ_m=1,3;GI24h]
[mm]	[mm]	[kN]	[m]
220	200	94	9,90
200	200	94	8,70
180	160	87	6,35
160	160	80	6,25
140	160	72	5,70
140	160	65	6,00

WHV-1 – Connection diagonal

WHV-11 – Single connection

WHV-12 – Double connection

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PRODUCT INFORMATION
WHV 2 – WHV 21 – WHV 22

WIEHAG
TIMBER CONSTRUCTION

WHV 2 – WHV 21 – WHV 22

Minimum truss width: 180 mm
Connection angle: $30 < \alpha < 60$

Minimum cross-section		Max. normal force N_d	Max. rod length at max. N_d
Breite	Höhe	[k_{mod}=1,0; γ_m=1,3]	[k_{mod}=1,0; γ_m=1,3;Gl24h]
[mm]	[mm]	[kN]	[m]
240	280	186	10,25
200	240	161	7,95
200	200	137	7,40
200	160	127	5,65
200	160	117	5,80

COMBINED BRACING

Our steel parts are structurally optimised and can also be combined. The smaller type 1 can be connected to the larger type 22 tab by means of a threaded coupler.

Transition with threaded coupler:
WHV-1 – WHV-22 – WHV-2

WHV-2 – Connection diagonal

WHV-21 – Single connection, main beam

WHV-22 – Double connection, main beam

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