

# IdeFix<sup>®</sup> DWD

SIHGA<sup>®</sup>



IdeFix<sup>®</sup> DWD shear connection for  
wall and ceiling elements

ETA-14/0160



## SIHGA® Feature

proven three-dimensional load uptake through geometry and 45° screw connection

tested in plywood boards - as well as solid wood elements

simple assembly, only one hole per connector

flush-mounted in construction

design values

## YOUR Benefit

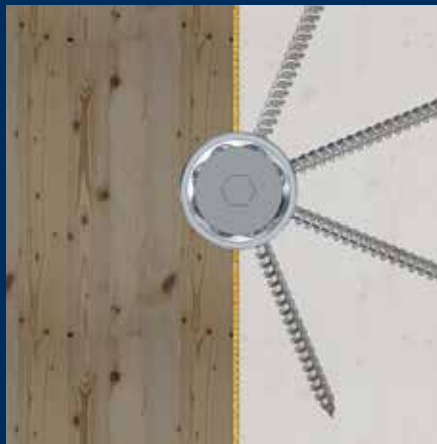
connects solid wood elements in parallel and across corners

shear connections for wood elements of all sizes and types

this hole can be factory-made or made on-site

no processing of further wall layers needed

SIHGA® performs the calculation for you

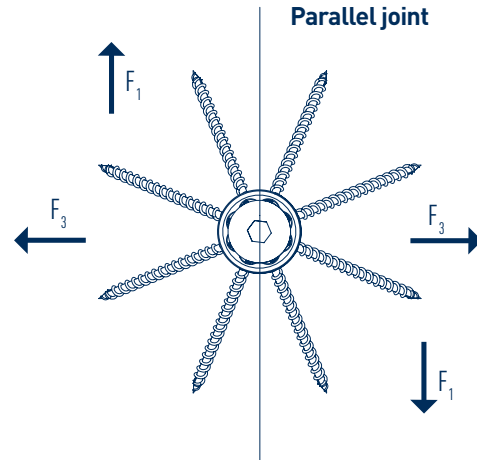
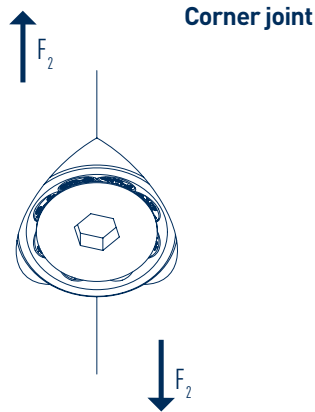
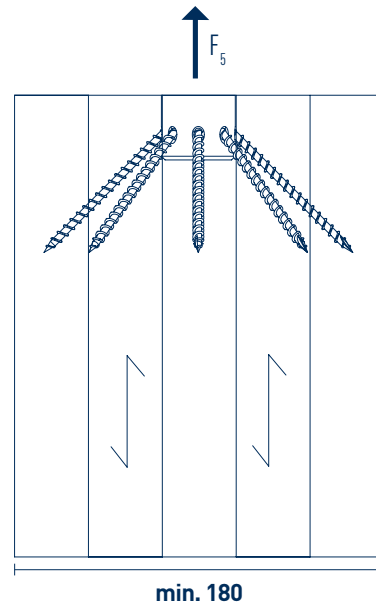
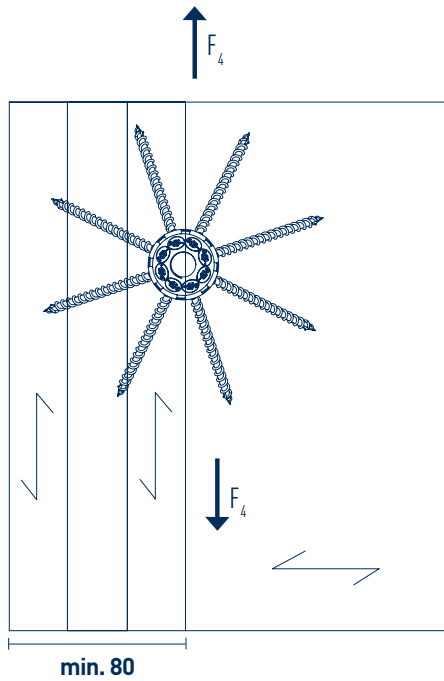


### SIHGA® TIP:

For parallel joints, drill with IdeFix® Drill IB HMB together with IdeFix® IBG Drilling Template. For corner joints drill only with IdeFix® Drill IB HMB.

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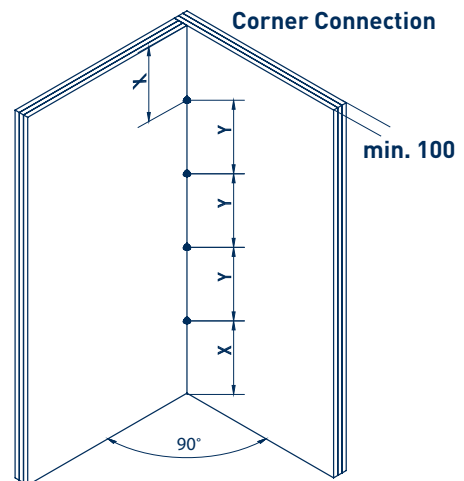
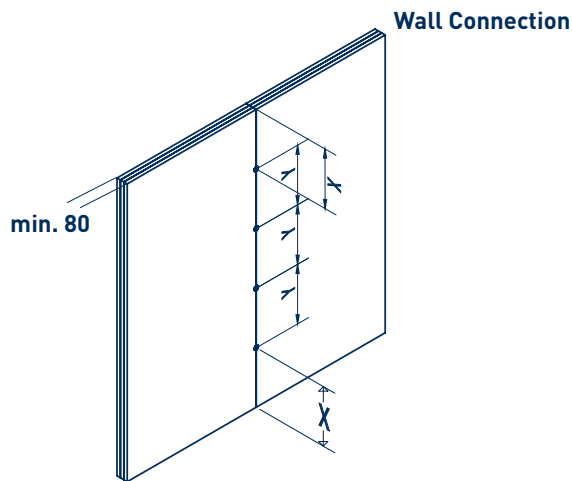
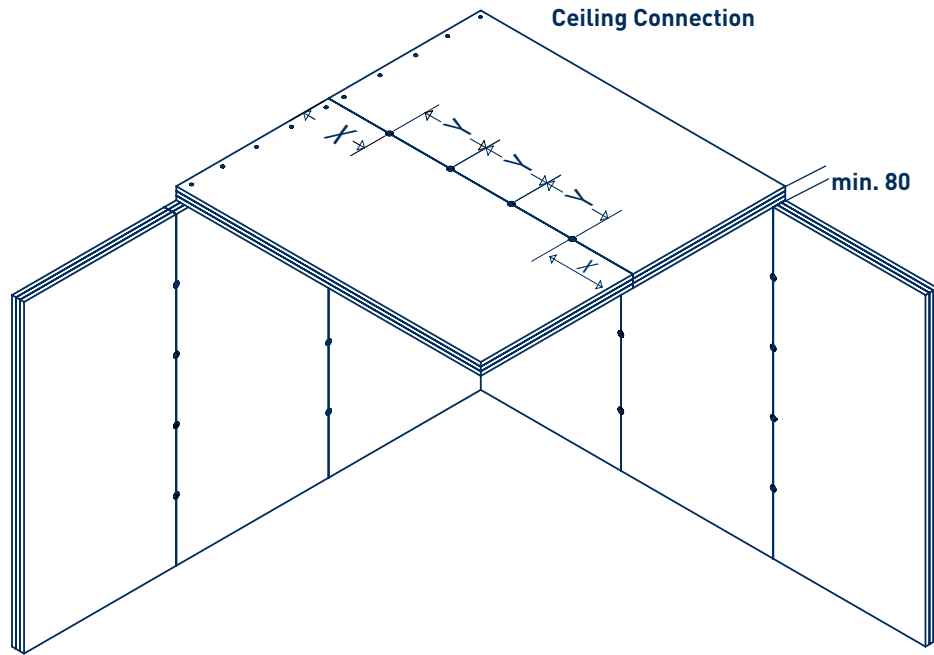




SIHGA®	Dimension	Dimension	Dimension	Parallel Characteristic Value	Corner Connection Characteristic Value	
IdeFix® DWD	IFK	GoFix® HK	Pressure Bulkhead	$F_1$	$F_2$	
Art. No.	PU	d x h	d x L	[kN]	[kN]	
28896	5	30 x 20	5,0 x 80	12 x 20	14,30	6,33
28906	5	40 x 25	6,0 x 100	16 x 25	20,36	8,99

SIHGA®	Dimension	Dimension	Dimension	Corner Connection Characteristic Value	Corner Connection Characteristic Value	Extraction Char- acteristic Value	
IdeFix® DWD	IFK	GoFix® HK	Pressure Bulkhead	$F_3$	$F_4$	$F_5$	
Art. No.	PU	d x h	d x L	[kN]	[kN]	[kN]	
28896	5	30 x 20	5,0 x 80	12 x 20	8,27	12,61	31,66
28906	5	40 x 25	6,0 x 100	16 x 25	11,75	20,36	44,98

# Application



## Minimum Axis Spacings

Typ	X	Y
IdeFix® DWD	[mm]	[mm]
IFK 308	80	80
IFK 410	100	100