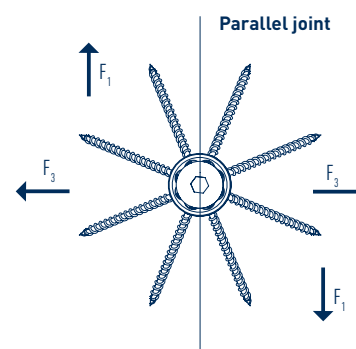
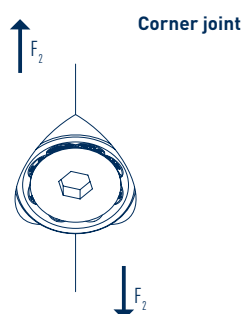
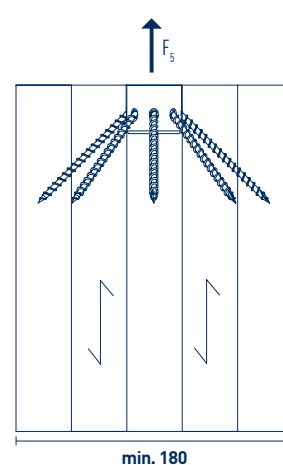
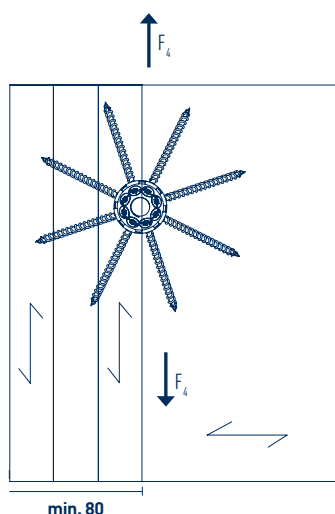


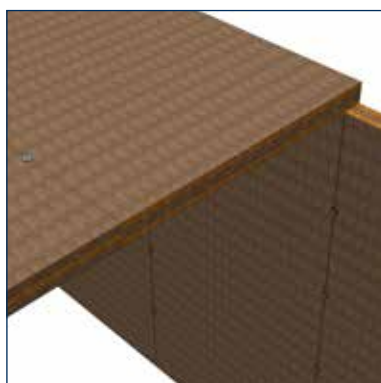
IdeFix® DWD

TECHNICAL DATA SHEET



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	d x L	[kN]
28906	5	40 x 25	6,0 x 100	16 x 25	20,36

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	d x L	[kN]	[kN]
28906	5	40 x 25	6,0 x 100	16 x 25	11,75	20,36



DETAILS

- connects solid wood elements in parallel and across corners
- proven three-dimensional load uptake through geometry and 45°- screw connection
- simple assembly, only one hole $d = 40$ mm per connector

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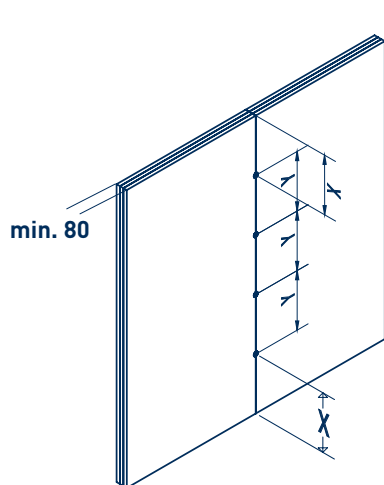
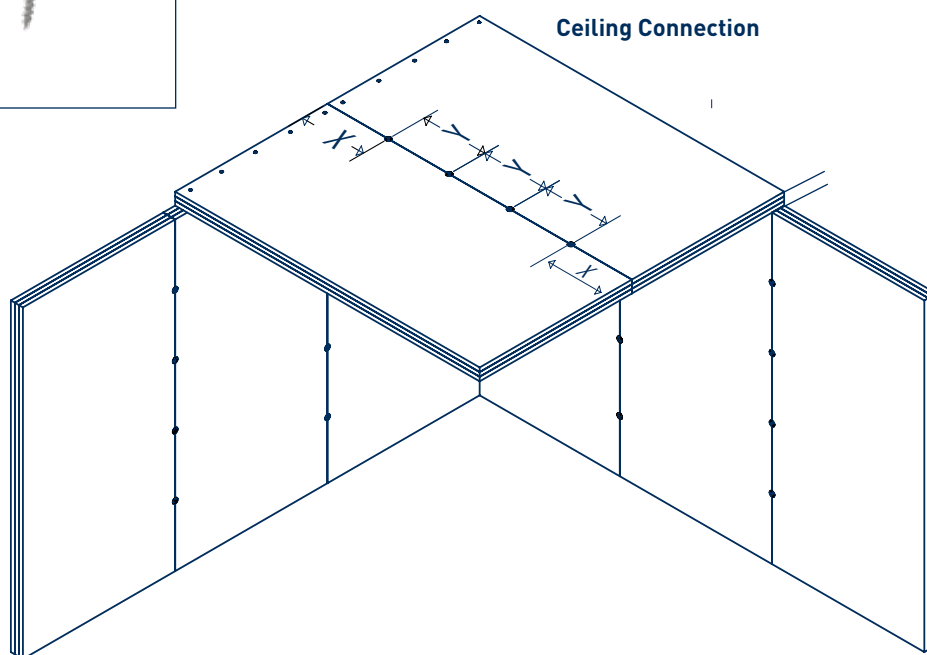
Leitbetrieb Österreich Leitbetrieb Deutschland

IdeFix[®] DWD

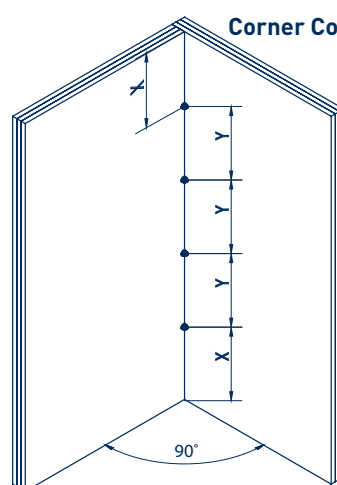
TECHNICAL DATA SHEET



Application



Wall Connection



Corner Connection

Minimum Axis Spacings

Type	X	Y
IdeFix [®] DWD	[mm]	[mm]
IFK 410	100	100

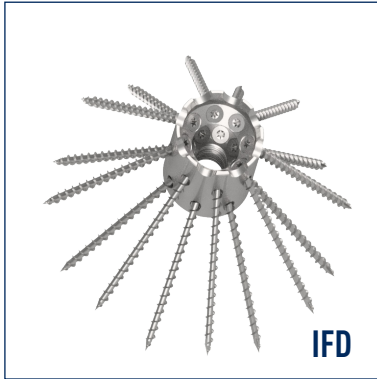


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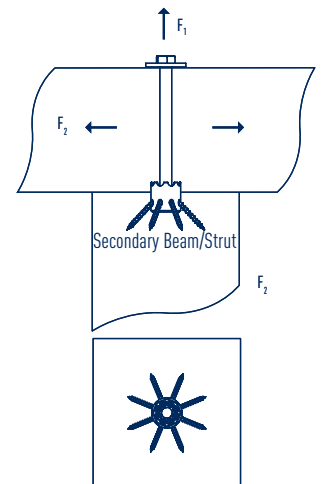
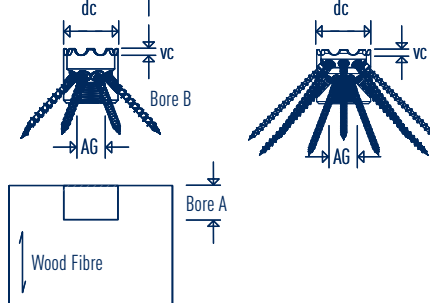
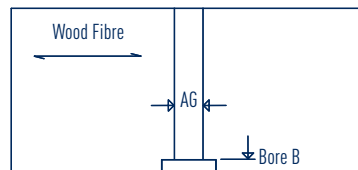
IdeFix® IF/IFD

TECHNICAL DATA SHEET



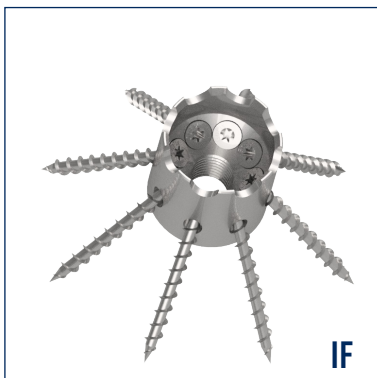
Dimension	Dimension	Connection	Tensile Force Connection		Transverse Force Connection*		Locking Device
IdeFix® IF/IFD	dc	Thread	Bore [mm]		Bore [mm]		vc
Type	[mm]	AG	A	B	A	B	[mm]
304/306 /308	30	M 12	27	0	20	7	3
406/408/410	40	M 16	35	0	25	10	5
509	50	M 20	45	0	30	15	5
508/510	50	M 20	45	0	35	10	5

* for multiple joints, the drill hole B is increased by the anti-twist protection vc



SIHGA®		Dimension		System Screw		Secondary Beam/ Strut		Characteristic Values*		
montagepack		IdeFix® IF/IFD		GoFix® HK	Quantity	Edge/ axis distance		Height/ Width	Tension F ₁	Transverse F ₂
Art. No.	PU	Type	[mm]	Stk.		[mm]	[mm]		[kN]	[kN]
28806	24	IF	304	5,0 x 40	8	50	100		19,90	14,00
28866	24	IF	306	5,0 x 60	8	60	120		30,20	15,66
28816	24	IF	308	5,0 x 80	8	70	140		38,80	16,73
28826	12	IF	406	6,0 x 60	8	60	120		34,20	18,40
28886	12	IF	408	6,0 x 80	8	80	160		44,90	24,38
28836	12	IF	410	6,0 x 100	8	90	180		54,60	25,59
28846	6	IF	509	8,0 x 90	8	80	160		66,10	28,33
28856	6	IFD	508	6,0 x 80	16	80 / 160	160		85	28,33
28876	6	IFD	510	6,0 x 100	16	100 / 200	200		104,00	37,03

* characteristic values for dimensioning according to EC 5 and strength class C 24 (rk 350 kg/m³)



DETAILS

- even in end-grain wood, IdeFix® IF transfers extremely high tensile and shearing (transverse) forces, up to 101.6 kN per fastening point
- easy installation, only insert in hole with 30, 40 or 50 mm diameter and depth

Tipp: For drilling by hand, we recommend the IdeFix® Drill Gauge IBL with drill.

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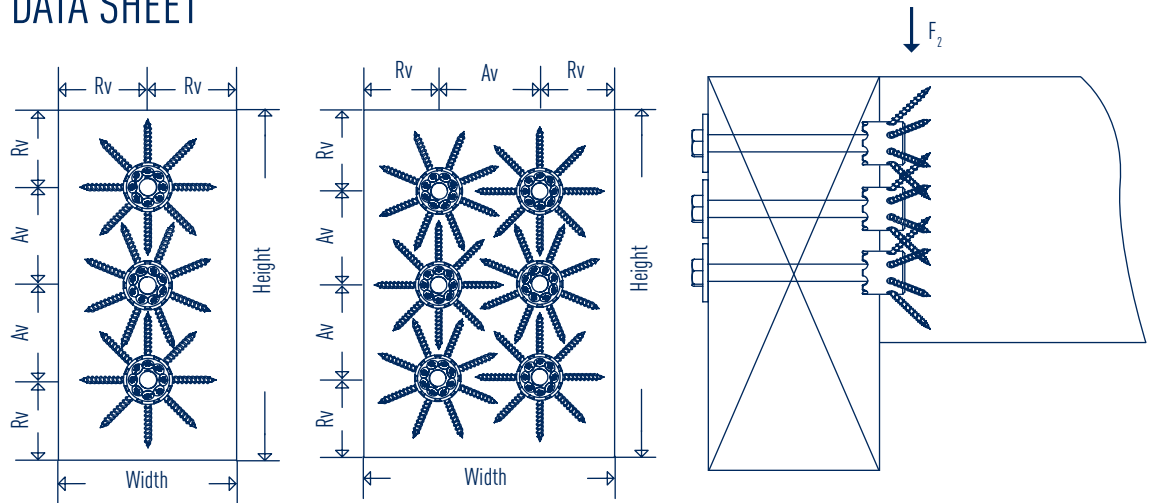
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IdeFix® IF/IFD

TECHNICAL DATA SHEET



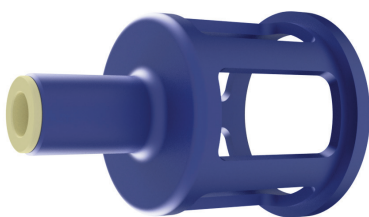
Edge and Axial Distances

IdeFix® IF

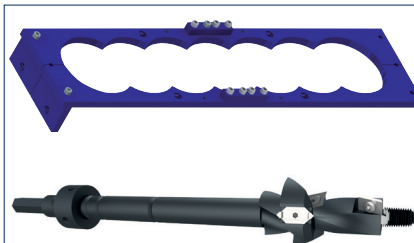
Type	Rv	Av
304	50	50
406	60	60
509	80	80

SIHGA®		Type	Secondary Beam		Quantity	Characteristic Values*	Secondary Beam		Quantity	Characteristic Values*
montagepack		IdeFix®	Width	Height	Connector	Shear Force F _y	Width	Height	Connector	Shear Force F _y
Art. No.	PU	IF	[mm]	[mm]	Pieces	[kN]	[mm]	[mm]	Pieces	[kN]
28806	24	304	100	150	2	20,20	150	150	4	40,40
28826	12	406	120	180	2	26,00	180	180	4	52,00
28846	6	509	160	240	2	41,00	240	240	4	82,00
28806	24	304	100	200	3	30,30	150	200	6	60,60
28826	12	406	120	240	3	39,00	180	240	6	78,00
28846	6	509	160	320	3	61,50	240	320	6	123,00
28806	24	304	100	250	4	40,40	150	250	8	80,80
28826	12	406	120	300	4	52,00	180	300	8	104,00
28846	6	509	160	400	4	82,00	240	400	8	164,00
28806	24	304	100	300	5	50,50	150	300	10	101,00
28826	12	406	120	360	5	65,00	180	360	10	130,00
28846	6	509	160	480	5	102,50	240	480	10	205,00

* characteristic values for dimensioning according to EC 5 and strength class C 24 (rk 350 kg/m³)



IdeFix® Drill Gauge IBG



IdeFix® Drill TemPlate IBS
IdeFix® Drill IB HMB

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