

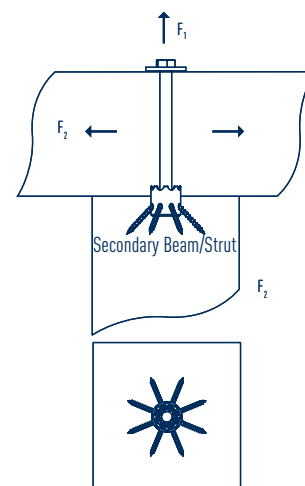
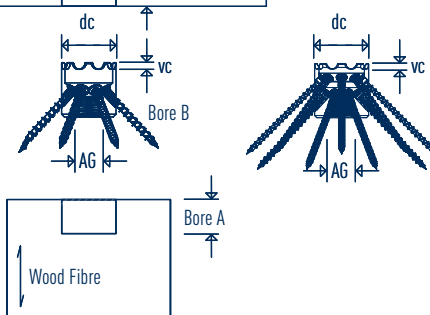
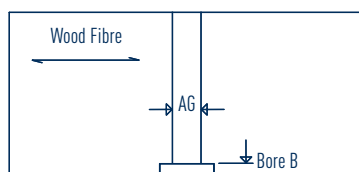
IdeFix® IF/IFD

TECHNICAL DATA SHEET



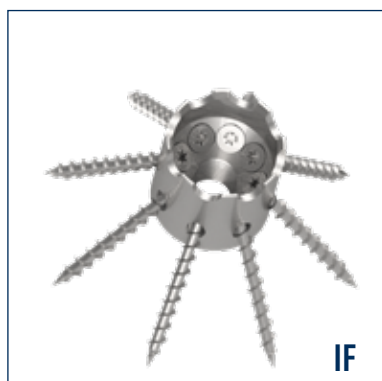
Dimension	Dimension	Connection	Tensile Force Connection		Transverse Force Connection*		Locking Device
IdeFix® IF/IFD	dc	Thread	Bore [mm]		Bore [mm]		vc
Type	[mm]	AG	A	B	A	B	[mm]
304/306 /308	30	M 12	27	0	20	7	3
406/408/410	40	M 16	35	0	25	10	5
509	50	M 20	45	0	30	15	5
508/510	50	M 20	45	0	35	10	5

* 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	17,0	10,1
28866	24	IF 306	5,0 x 60	8		60	120	25,6	12,3
28816	24	IF 308	5,0 x 80	8		70	140	32,4	13,8
28826	12	IF 406	6,0 x 60	8		60	120	29,0	13,0
28886	12	IF 408	6,0 x 80	8		80	160	37,9	18,8
28836	12	IF 410	6,0 x 100	8		90	180	45,6	20,5
28846	6	IF 509	8,0 x 90	8		80	160	56,0	20,5
28856	6	IFD 508	6,0 x 80	16		80 / 160	160	71,9	20,5
28876	6	IFD 510	6,0 x 100	16		100 / 200	200	87,3	30,7

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



DETAILS

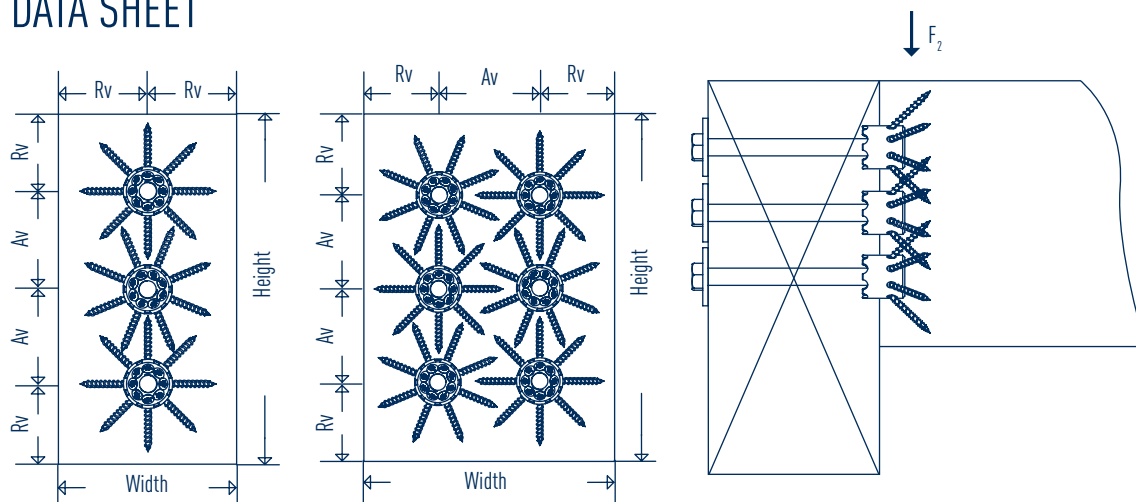
- even in end-grain wood, IdeFix® IF transfers extremely high tensile and shearing (transverse) forces, up to 101.6 kN per fastening point
- easy installation, only insert in hole with 30, 40 or 50 mm diameter and depth

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



IdeFix® IF/IFD

TECHNICAL DATA SHEET



Edge and Axial Distances

IdeFix® IF

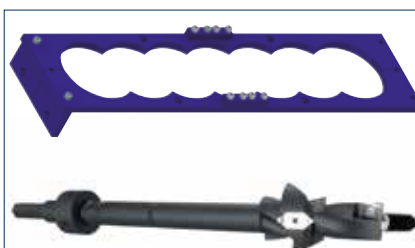
Type	Rv	Av
304	50	50
406	60	60
509	80	80

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 (ρ_k 350 kg/m³)



IdeFix® Drill Gauge IBG



IdeFix® Drill TemPlate IBS
IdeFix® Drill IB HMB



TAKE THE BEST



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