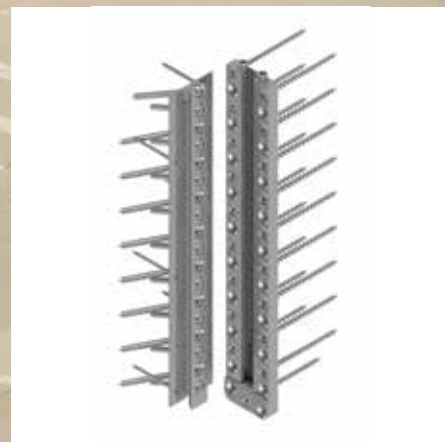


HobaFix[®] Max



SIHGA® feature

Connector for main beam - secondary beam constructions

No screw collisions thanks to offset fastening screws

With the sophisticated coupling of the connectors by means of thread-cutting screws, several connectors can also be mounted next to and on top of each other

Flexibility in the connection mechanism

High static load capacity in six load cases, with up to 81,73 kN being characteristic per connection

Excellent price-performance ratio

The different HobaFix® Max differ only in length and the number of screws

Developed, patented and manufactured in Austria

Made under supervised conditions from aluminium and anodised

Includes SIHGAFIX®, all fastening and fixing screws, assembly instructions

YOUR benefits

Wood-wood or wood-concrete connections are possible with the HobaFix® Max (BeziFix anchors 7.5 x 80 for concrete must be ordered separately)

Multiple node connections of e.g.: four beams on one support can be created

The thread-cutting locking screws distribute the load equally over the entire height of the connector and fix the position of the two beams in relation to each other at the time of bolting. This ensures an assembly tolerance in the insertion direction for multiple arrangements

Due to the practical geometry of the connector, length tolerances of the secondary beam of up to -3 mm can be accommodated (with connector arrangement on both sides)

Can be used for horizontal, vertical, tensile and torque loads with high tested static values

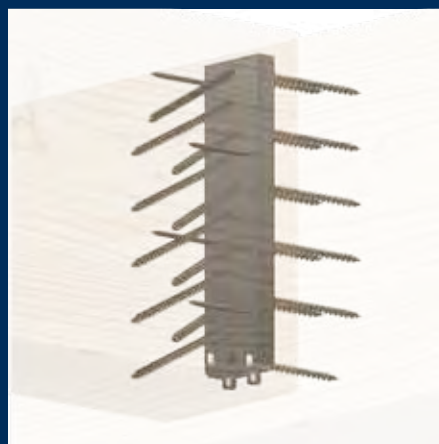
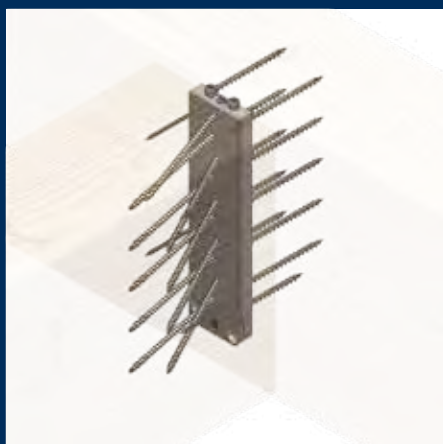
Thanks to the consistent profile geometry across all connector heights, an optimised manufacturing process helps save time and money

All connector sizes can be mounted with just one template

Highest European quality and added value

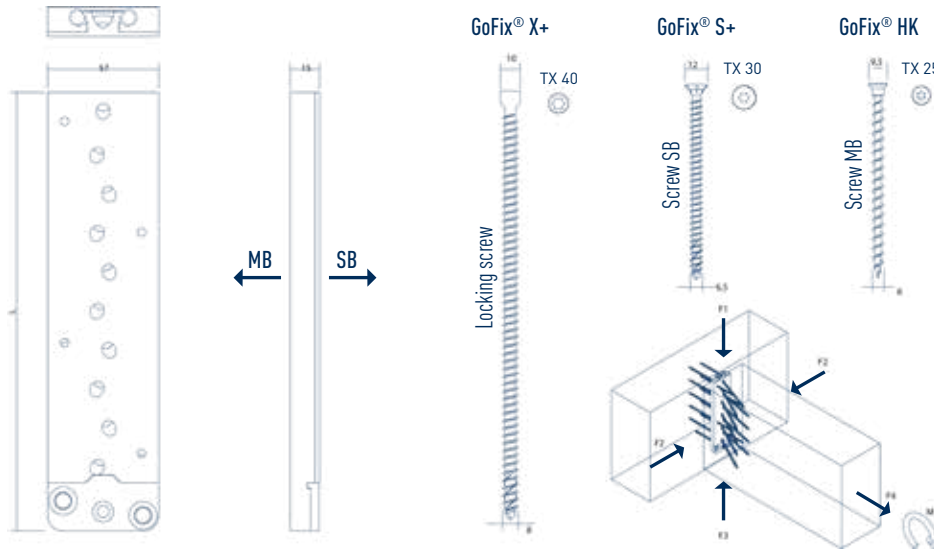
Durable, dimensionally stable quality

Time-saving, practical, precise; all accessories are included



SIHGA® TIP:

The screw connection of the two connector parts can also be made from the underside (in the case of non-milled applications).



SIHGA®		Dimension			Main beam		Secondary beam		
montage-pack	HobaFix® Max	GoFix® HK in MB per connector	GoFix® S+ in SB per connector	2x locking screws GoFix® X+	min. width	min. height	min. width	min. height	
Art. No.	PU	Type (L)	6,0 x 100	6,5 x 100	8 x ...	[mm]	[mm]	[mm]	[mm]
31036	10	225	11	10	220	100	280	100	260
31046	10	265	13	12	245	100	320	100	300
31056	10	305	15	14	295	100	360	100	340
31066	10	345	17	16	330	120	400	120	380
31076	10	385	19	18	330	120	440	120	420
31086	10	425	21	20	330	120	480	120	460

SIHGA®	Characteristic values*					Characteristic values*					Reduction factor***	
	C24					GL24h						
montage-pack	Load direction [kN]					Load direction [kN]					C24 / GL24h	
Art. No.	PU	F ₁	F ₂	F ₃	F ₄	M _d	F ₁	F ₂	F ₃	F ₄	M _d	for F1, F2, F3
31036	10	40,07	18,96	20,34	18,85	0,88	44,93	21,26	22,81	21,13	0,99	0,95
31046	10	46,42	22,34	23,48	21,85	2,30	52,05	25,05	26,32	24,50	2,58	0,96
31056	10	54,62	25,67	26,61	24,87	2,56	61,24	28,78	29,83	27,88	2,87	0,97
31066	10	60,78	28,95	29,49	27,87	2,72	68,15	32,46	33,06	31,25	3,05	0,97
31076	10	66,88	32,19	32,59	30,89	3,41	74,98	36,09	36,54	34,63	3,82	0,97
31086	10	72,90	35,39	35,69	33,89	3,97	81,73	39,68	40,02	38,00	4,45	0,98

* Characteristic values for design according to EC 5 and strength class C24 (pk 350 kg/m³); GL24h (pk 385 kg/m³).

** Value tested according to ÖNORM EN 26891, single connector milled in for minimum dimension.

*** In the case of double applications on top of each other, it must be noted that situation-related corner moments and other forces can arise. These must be taken into account in accordance with EN 1995-1-1 and the load-bearing capacity verified. If only shear forces are applied (F1 or F2 or F3), the max. characteristic load capacities given in the table can be multiplied by the actual number of connectors and reduced by the factor according to the table.

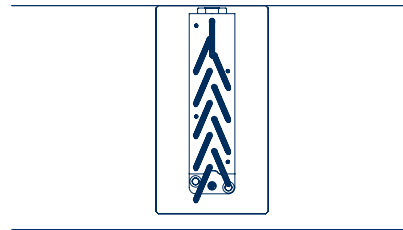
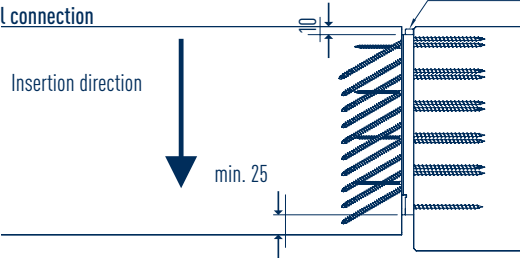
ATTENTION

The load-bearing capacity of the connection is only achieved after the two locking screws have been screwed in. The maximum hanging load for all sizes of the HobaFix® Max must not exceed 800 kg per connector.

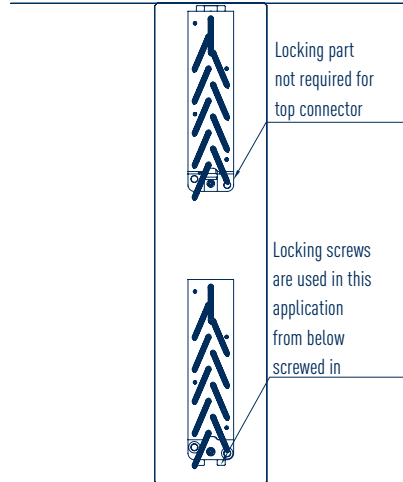
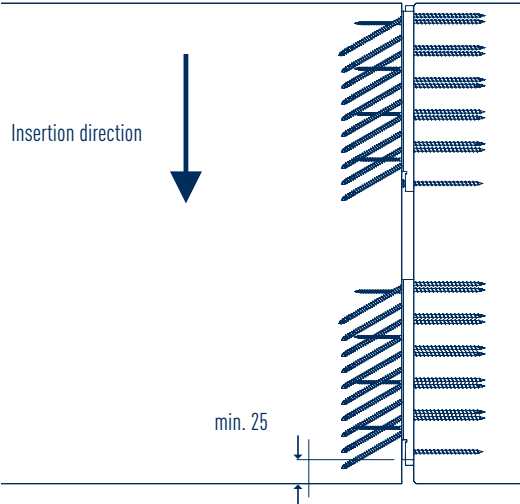
Multiple applications HobaFix® Max

HobaFix® Max top edge must always be lowered by 10 mm,
and this is automatically taken into account when using the assembly jig

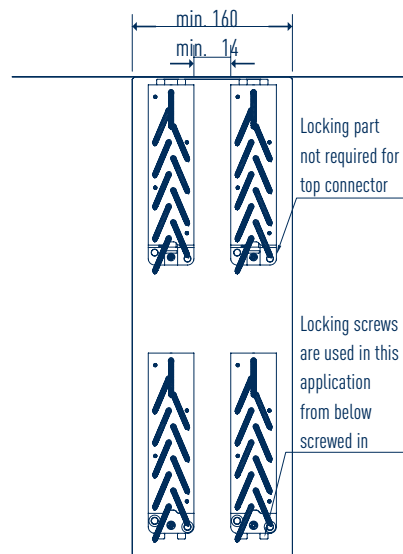
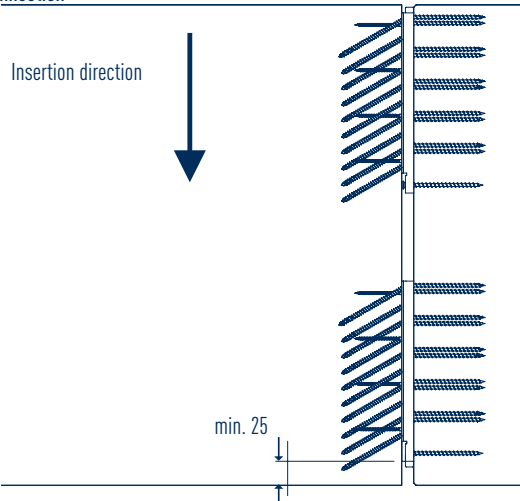
Individual connection



2-fold connection*

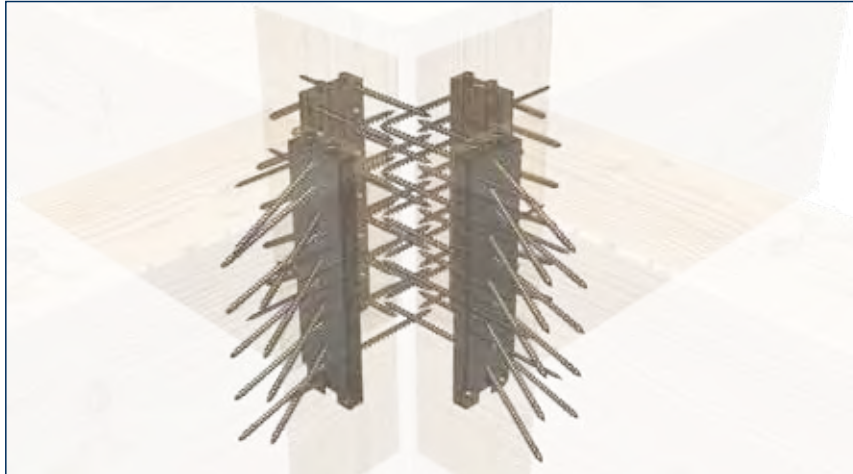


4-fold connection*

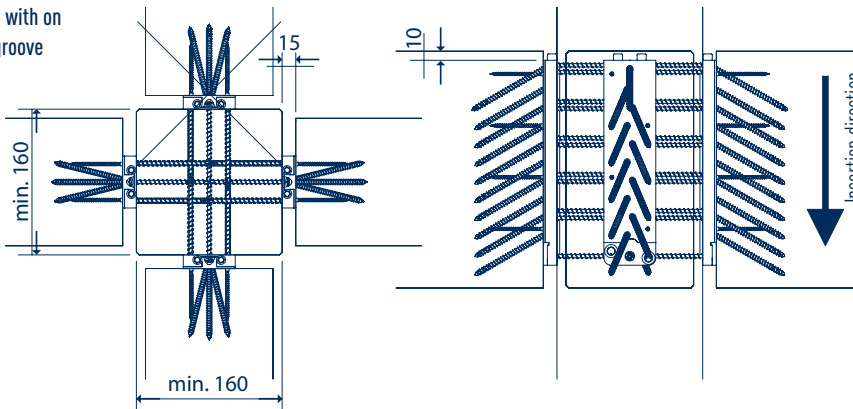


* In the case of multiple applications, it should be noted that situational corner torques and other forces may arise. These must be taken into account according to ETA-23/0821 and EN 1995-1-1 and the load-bearing capacity must be verified. In the case of exclusively transverse force application (F1 or F2 or F3), the max. characteristic load capacities given in the table can be multiplied by the actual number of connectors and reduced by a factor of 0.95.

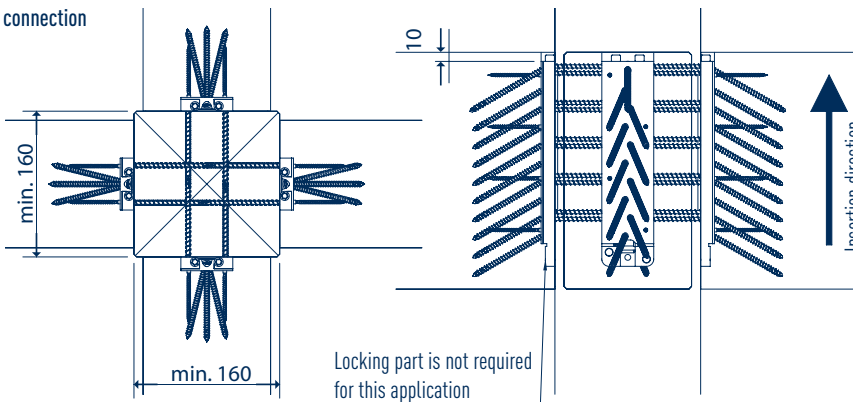
Multiple nodes on support HobaFix[®] Max



4-fold connection with on support shadow groove



4-fold on support connection milled



SIHGA[®] TIP:

For applications of this type, the DUO bit TX 40, 350 mm is recommended so that the two locking screws can be screwed in

HobaFix[®] Max HFML milling assembly jig

SIHGA[®] feature

For all models of the HobaFix[®] Max

Incl. HobaFix[®] Max cutter

The jig stop can be continuously adjusted in height and at an angle of up to 30°

Developed and produced in Austria

YOUR benefits

For the rational and precise assembly of HobaFix[®] Max on the main beam and on the secondary beam

The HobaFix[®] Max can be milled in one operation thanks to the coordinated cutter length and position of the thrust ring

Offers maximum flexibility

Superlative European quality and added value

SIHGA [®]	
HobaFix [®] Max HFML milling assembly jig	HobaFix [®] Max milling cutter
Art. No.	Art. No.
31606	29632



SIHGA[®] TIP:

In order to obtain a nice closed joint with the milled version, a milling depth of 15.5 mm is recommended. From the point of view of the secondary beam, the right-hand locking screw should be screwed in first to achieve a contraction effect. It is recommended that the first locking screw is screwed in halfway before the second screw is fully screwed in and then the first screw is finished.