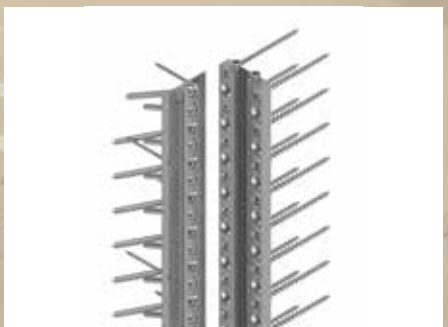
HobaFix® Max



HobaFix® Max



ETA-23/0821

SIHGA® feature	YOUR benefits
Connector for main beam - secondary beam constructions	Wood-wood or wood-concrete connections are possible with the HobaFix® Max (BeziFix anchors 7.5 x 80 for concrete must be ordered separately)
No screw collisions thanks to offset fastening screws	Multiple node connections of e.g.: four beams on one support can be created
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	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
Flexibility in the connection mechanism	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)
High static load capacity in six load cases, with up to 100 kN being characteristic per connection	Can be used for horizontal, vertical, tensile and torque loads with high tested static values
Excellent price-performance ratio	Thanks to the consistent profile geometry across all connector heights, an optimised manufacturing process helps save time and money
The different HobaFix® Max differ only in length and the number of screws	All connector sizes can be mounted with just one template
Developed, patented and manufactured in Austria	Highest European quality and added value
Made under supervised conditions from aluminium and anodised	Durable, dimensionally stable quality
Includes SIHGAFIX®, all fastening and fixing screws, assembly instructions	Time-saving, practical, precise; all accessories are included

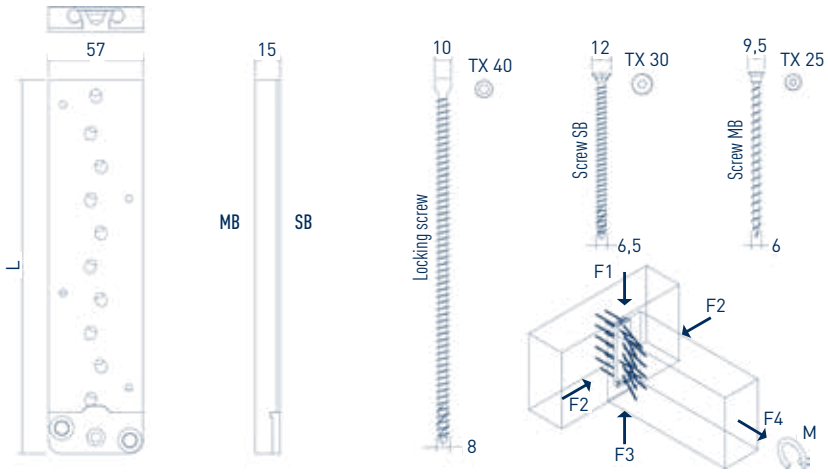




SIHGA® TIP:

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

ETA-23/0821



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]
31006	10	105	5	4	95	100	160	80	140
31016	10	145	7	6	125	100	200	80	180
31026	10	185	9	8	155	100	240	80	220
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***
montage-pack		C24 Load direction [kN]				[kNm] Milled HFM**	GL24h Load direction [kN]				[kNm] Milled HFM**	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
31006	10	17,87	8,89	11,63	11,00	0,15	17,87	9,32	11,63	11,00	0,17	0,90
31016	10	23,58	12,80	16,06	14,38	0,27	23,58	13,43	16,06	14,38	0,30	0,93
31026	10	29,30	16,58	20,49	17,75	0,41	29,30	17,39	20,49	17,75	0,46	0,94
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 (ρk 350 kg/m³); Gl24h (ρk 385 kg/m³).

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

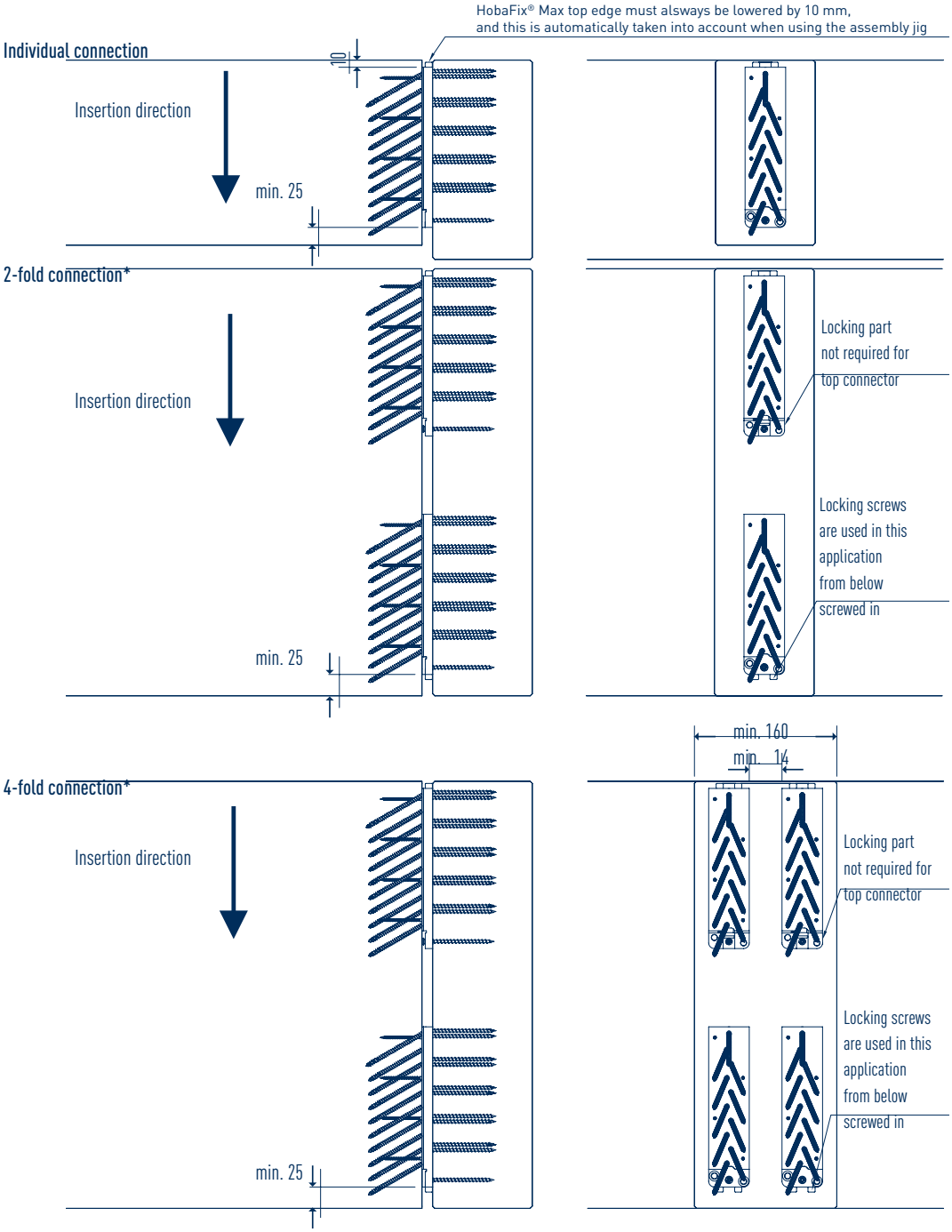
*** In the case of double applications on top of each other, it must be noted that situation-related corner moments and other forces can arise. These must be taken into account in accordance with EN 1995-1-1 and the load-bearing capacity verified. If only shear forces are applied (F1 or F2 or F3), the 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.

ETA-23/0821

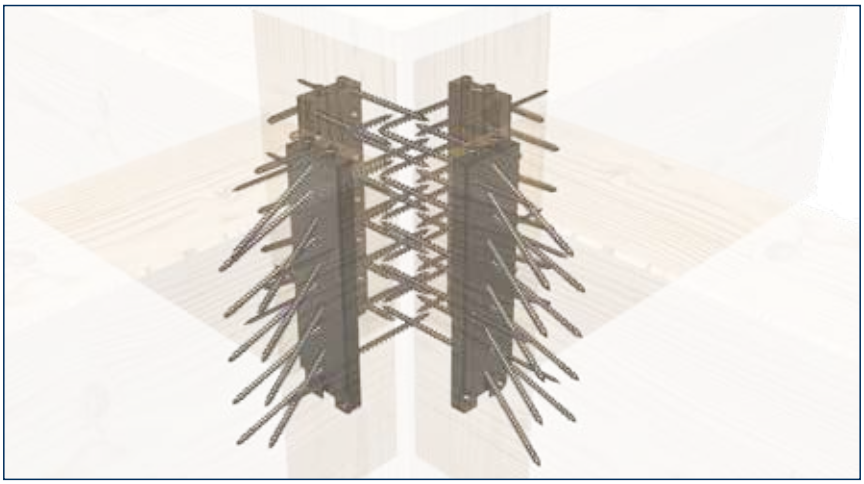
Multiple applications HobaFix® Max



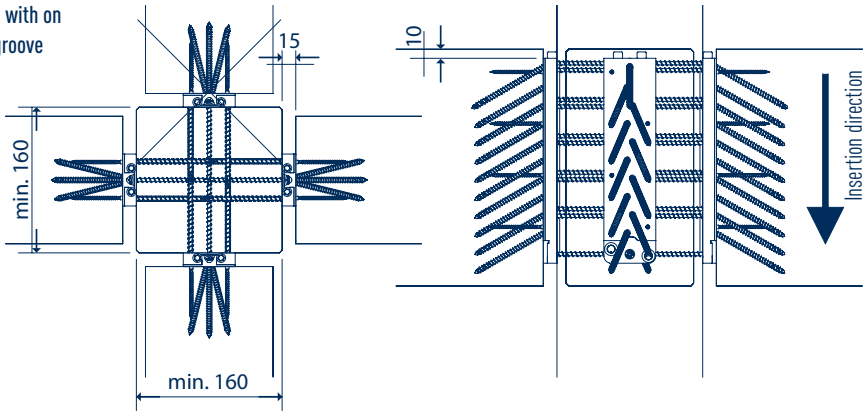
* In the case of multiple applications, it should be noted that situational corner torques and other forces may arise. These must be taken into account according to ETA-23/0821 and EN 1995-1-1 and the load-bearing capacity must be verified. In the case of exclusively transverse force application (F1 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.

ETA-23/0821

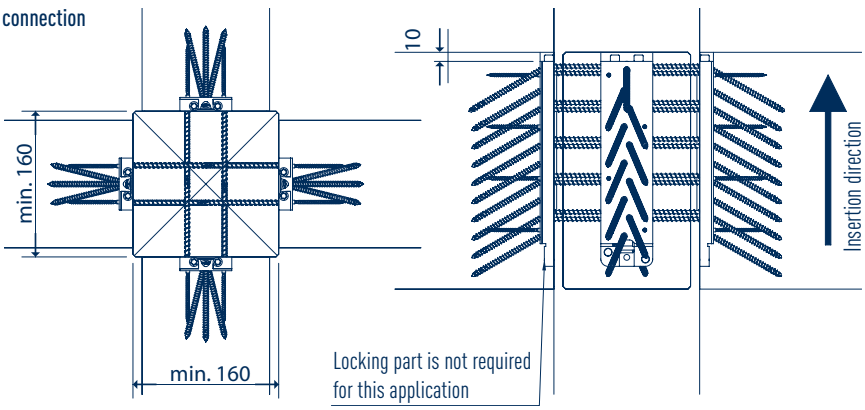
Multiple nodes on support HobaFix® Max



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

ETA-23/0821

HobaFix® Max
HFML milling assembly jig

SIHGA® feature	YOUR benefits
For all models of the HobaFix® Max	For the rational and precise assembly of HobaFix® Max on the main beam and on the secondary beam
Optimal in use with HobaFix® Max cutter (to be purchased separately)	The HobaFix® Max can be milled in one operation thanks to the coordinated cutter length and position of the thrust ring
The jig stop can be continuously adjusted in height and at an angle of up to 30°	Offers maximum flexibility
Developed and produced in Austria	Superlative European quality and added value

SIHGA®

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





HobaFix® Max HFML milling assembly jig



HobaFix® Max HFMF cutter

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.