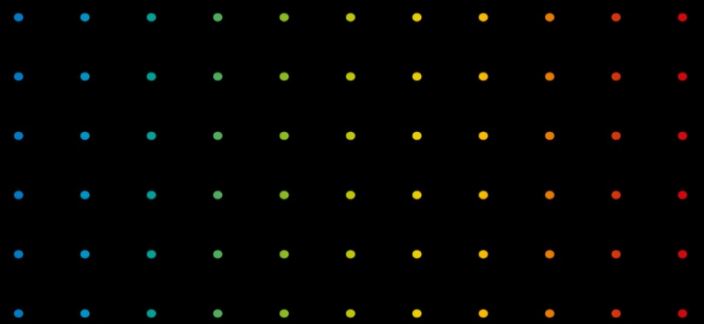




Catalogue 2024



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Center Point System




consisting of screw with colored head and centering sleeve

Fastening system for mounting facade panels on metal substructures.

With the new Center Point System, literally nothing can go wrong when installing rear-ventilated facades. The pre-assembled centering sleeve, the drill bit and the special thread geometry ensure perfect positioning of the fastener to the facade panel. Thanks to the patented thread, the fastener can be overtightened without hesitation, allowing the use of a cordless impact wrench.



Item Code	Dimension [mm]	Panel Thickness [mm]	SC Thickness [mm]	PU [Stück]
SDA4-5.8 for aluminium sub structures				
1930221	5,8x25	6	A 1,8-3,0	250
1930222	5,8x29	8	A 1,8-3,0	250
1930223	5,8x33	10	A 1,8-3,0	250
1930224	5,8x38	12-13	A 1,8-3,0	250
SX4-5.8 for aluminium & steel sub structures				
1930225	5,8x25	6	A 1,8-3,0 S 1,2-2,0	250
1930226	5,8x29	8	A 1,8-3,0 S 1,2-2,0	250
1930228	5,8x33	10	A 1,8-3,0 S 1,2-2,0	250
1930230	5,8x38	12-13	A 1,8-3,0 S 1,2-2,0	250

Item Code	Description	Type	PU [Stück]
1240408	 FP-S-10,0x6-6,0, A2	Fix Point Sleeve	100
1240409	 GP-S-10,0x6-6,0, A2	Sliding Point Sleeve	100
1360606	 GP-H-10,0-CPS	Hit Tool	1



Colored parts




Sufficient anti corrosion protection is needed when stainless steel or aluminium parts are used in chloride containing atmosphere or close to it.

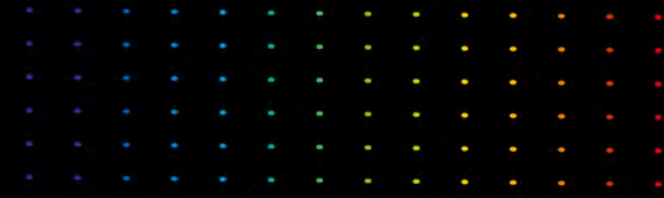
All part available in plain stainless steel.

Blind fixing system TUF-S

simple and safe non visible fixing of HPL and fibrecement panels



Item Code	dimension	PU [Stück]
1900101	TUC-S-W10-6x14-A4	250
1900102	TU-S-6X11-A4	250
1900103	TU-S-6X13-A4	250
1900201	TUF-S-6X7-A4	250
1900202	TUF-S-6X7,5-A4	250
1900203	TUF-S-6X8-A4	250
1900204	TUF-S-6X8,5-A4	250
1900205	TUF-S-6X9-A4	250
1900206	TUF-S-6X10-A4	250
1900207	TUF-S-6X11-A4	250
1900208	TUF-S-6X12-A4	250
1900209	TUF-S-6X13-A4	250
Accessories		
1900301	Depth locator	1
		
1900302	VHM-drill-bit 6,0X40	1
		
1900303	VHM-drill-bit 6,0X40,5	1
1900304	VHM-drill-bit 6,0X41	1
1900305	VHM-drill-bit 6,0X41,5	1
1900306	VHM-drill-bit 6,0X42	1
1900307	VHM-drill-bit 6,0X42,5	1
1900308	VHM-drill-bit 6,0X43	1
1900309	VHM-drill-bit 6,0X43,5	1
1900310	VHM-drill-bit 6,0X45	1



MBE Facade Rivet Aluminium Head Ø 11 mm with colored head

fastening of facade boards to constructions made of aluminium

Mandrel made of stainless steel

Clamping Thickness = t board + t sub-construction.

Drill hole Ø sub-construction: 5,1 mm.

Drill hole Ø board: see notes of the board manufacturers.

Please follow the processing instructions and standards for the chosen board material. Also make sure to pay attention to technical directions.

Stressfree mounting can only be guaranteed by using fitting MBE special mouth piece (refer to section tools & accessories).



Item Code	Dimension [mm]	Quality Rivet	clamping range [mm]	PU [pcs]
1290201	5 x 8	AlMg3	< 3,0	250
1290202	5 x 10	AlMg3	2,0 - 5,0	250
1290203	5 x 12	AlMg3	4,0 - 7,0	250
1290204	5 x 14	AlMg3	5,5 - 9,0	250
1290205	5 x 16	AlMg5	7,0 - 10,5	250
1290206	5 x 18	AlMg5	9,0 - 12,5	250
1290207	5 x 21	AlMg5	12,0 - 15,5	250
1290208	5 x 25	AlMg3	15,5 - 19,5	250
1290210	5 x 30	AlMg3	19,5 - 24,0	250
1290211	5 x 33	AlMg5	22,5 - 27,0	250



Colored parts



Sufficient anti corrosion protection is needed when stainless steel or aluminium parts are used in chloride containing atmosphere or close to it.

All parts also available in blank aluminium.

MBE Facade Rivet Aluminium Head Ø 14 mm

with colored head

fastening of facade boards to constructions made of aluminium

Mandrel made of stainless steel

Clamping Thickness = t board + t sub-construction.

Drill hole Ø sub-construction: 5,1 mm.

Drill hole Ø board: see notes of the board manufacturers.

Please follow the processing instructions and standards for the chosen board material. Also make sure to pay attention to technical directions.

Stressfree mounting can only be guaranteed by using fitting MBE special mouth piece (refer to section tools & accessories).



Item Code	Dimension [mm]	Quality Rivet	clamping range [mm]	PU [pcs]
1290401	5 x 8	AlMg3	< 3,0	250
1290402	5 x 10	AlMg3	2,0 - 5,0	250
1290403	5 x 12	AlMg3	4,0 - 7,0	250
1290404	5 x 14	AlMg3	5,5 - 9,0	250
1290405	5 x 16	AlMg5	7,0 - 10,5	250
1290406	5 x 18	AlMg5	9,0 - 12,5	250
1290407	5 x 21	AlMg5	12,0 - 15,5	250
1290412	5 x 23	AlMg5	14,0 - 17,5	250
1290408	5 x 25	AlMg5	15,5 - 19,5	250
1290410	5 x 30	AlMg5	19,5 - 24,0	250
1290411	5 x 33	AlMg5	22,5 - 27,0	250



Colored parts



Sufficient anti corrosion protection is needed when stainless steel or aluminium parts are used in chloride containing atmosphere or close to it.

All parts also available in blank aluminium.

MBE Facade Rivet Aluminium Head Ø 16 mm

with colored head

fastening of facade boards to constructions made of aluminium

Mandrel made of stainless steel

Clamping Thickness = t board + t sub-construction.

Drill hole Ø sub-construction: 5,1 mm.

Drill hole Ø board: see notes of the board manufacturers.

Please follow the processing instructions and standards for the chosen board material. Also make sure to pay attention to technical directions.

Stressfree mounting can only be guaranteed by using fitting MBE special mouth piece (refer to section tools & accessories).



Item Code	Dimension [mm]	Quality Rivet	clamping range [mm]	PU [Stück]
1290603	5 x 12	AlMg3	4,0 - 7,0	250
1290604	5 x 14	AlMg3	5,5 - 9,0	250
1290605	5 x 16	AlMg5	7,0 - 10,5	250
1290606	5 x 18	AlMg5	9,0 - 12,5	250
1290607	5 x 21	AlMg5	12,0 - 15,5	250
1290612	5 x 23	AlMg5	14,0 - 17,5	250
1290608	5 x 25	AlMg5	15,5 - 19,5	250
1290611	5 x 33	AlMg5	22,5 - 27,0	250



Colored parts



Sufficient anti corrosion protection is needed when stainless steel or aluminium parts are used in chloride containing atmosphere or close to it.

All part available in plain stainless steel.



MBE Facade Rivets Stainless Steel Head Ø 15 mm with colored head

Fastening of facade boards to constructions made of steel or stainless steel

Mandrel made of stainless steel.

Clamping Thickness = t board + t sub-construction.

Drill hole sub-construction: 5,1 mm.


Drill hole board: see notes of the board manufacturers.


Please follow the processing instructions and standards for the chosen board material. Also make sure to pay attention to technical directions.

Stressfree mounting can only be guaranteed by using fitting MBE special mouth piece (refer to section tools & accessories).



Item Code	Dimension [mm]	Quality Rivet	clamping range [mm]	PU [Stück]
1920201	5 x 14	A4	4,0 - 9,0	100
1920202	5 x 18	A4	8,0 - 13,0	100
1920203	5 x 22	A4	12,0 - 17,0	100
1920205	5 x 27	A4	17,0 - 22,0	100

 Colored parts

 Sufficient anti corrosion protection is needed when stainless steel or aluminium parts are used in chloride containing atmosphere or close to it.

All part available in plain stainless steel.

MBE Blind Rivet Aluminium Head Ø 9 mm

with colored head

Fastening and connecting of angles, profiles, etc. to aluminium sub-constructions.

Mandrel made of stainless steel

Clamping Thickness = t board + t sub-construction.

Drill hole Ø sub-construction: 5,1 mm.



Item Code	Dimension [mm]	Quality Rivet	Clamping Range [mm]	PU [pcs]
1530101	5 x 8	AlMg3	< 3,0	250
1530102	5 x 10	AlMg3	2,0 - 5,0	250
1530103	5 x 12	AlMg3	4,0 - 7,0	250
1530104	5 x 14	AlMg3	5,5 - 9,0	250
1530105	5 x 16	AlMg3	7,0 - 10,5	250
1530106	5 x 18	AlMg3	9,0 - 12,5	250
1530107	5 x 21	AlMg3	12,0 - 15,5	250
1530108	5 x 25	AlMg3	15,5 - 19,5	250



Colored parts



Sufficient anti corrosion protection is needed when stainless steel or aluminium parts are used in chloride containing atmosphere or close to it.

All part available in blank aluminium.

Riveting Tool Birdie®

with 2 CAS LiHD battery packs 18,0V (2,0Ah) and charging tool, packed in L-Boxx, including 1 MBE special mouth piece

Birdie®

With brushless motor and 10.000 N pulling strength, suited for facade and blind rivets Ø6 mm of all materials

Operating Voltage: 18 Volt brushless motor BLDC

Pulling Strength: 10.000 N

Total Stroke: 25 mm

Weight: 1,3 kg with battery

The BLDC motor of the Birdie® Pro is virtually nonwearing and setting process is significantly faster than standard battery-powered devices.

Cleaning and replacing the chuck jaws or mouth pieces is done without tools.

CAS battery pack

Nominal Voltage: 18,0 V

Capacity: 2,0 Ah




Cells composition: Li-Ion

Output per Akku Charge: up to 3.000 riveting runs depending on material and lightning usage

Quick battery charger

Input Voltage: 230V/50Hz



Item Code	Description	PU [Stück]
1360132	irdie	1
Accessories for Birdie®		
1360124	CAS battery pack Bird Pro ® Series 18,0V - 2,0Ah - LiHD	1
		
1360125	CAS battery pack Bird Pro ® Series 18,0V - 4,0Ah - LiHD	1
		
1360123	CAS Charger for Bird Pro ® Series 230V / 18,0 V	1
		
1360137	Light Ring	1
1360138	Setting sleeve	1
1360151	Pressure bush	1
1360152	Chuck jaws 15° pitch 0.8, birdie set	1

Riveting Tool AccuBird® Pro

with 2 CAS LiHD battery packs 18,0V (2,0Ah) and charging tool, packed in L-Boxx, including 1 MBE special mouth piece

AccuBird® PRO

With brushless motor and 13.000 N pulling strength, suited for facade and blind rivets Ø6 mm of all materials

Operating Voltage: 18 Volt brushless motor BLDC

Pulling Strength: 13.000 N

Total Stroke: 25 mm

Weight: 2,0 kg with battery

The BLDC motor of the AccuBird® Pro has an extremely long service life and is virtually nonwearing. Compared to commercially available battery-powered tools, setting can be done up to 4x faster making it comparable with hydropneumatic blind rivet setting tools.

CAS battery pack

Nominal Voltage: 18,0 V

Capacity: 2,0 Ah

Cells composition: Li-Ion

Output per Akku Charge: up to 850 riveting runs depending on material and lightning usage

Quick battery charger

Input Voltage: 230V/50Hz



Item Code	Description	PU [Stück]
1360120	AccuBird Pro®	1
Accessories for AccuBird® Pro		
1360124	CAS battery pack Bird Pro® Series 18,0V - 2,0Ah - LiHD	1
1360125	CAS battery pack Bird Pro® Series 18,0V - 4,0Ah - LiHD	1
1360123	CAS Charger for Bird Pro® Series 230V / 18,0 V	1
1360113	Spare Part Set for AccuBird Pro® consists of: Jaw Pusher, O-Ring 16x1.5 and Jaws	1



Hand Riveting Tool HN2

including 1 MBE Special Mouth Piece

Fastening of blind- and facade rivets.

We recommend to use for 5 mm **aluminium rivets**

Thread Mounting = M10 x 1

Stroke: 10 mm



Item Code	PU [Stück]
1360126	1

Riveting Tool for Blind rivet nuts Tool FireBird® PRO

with 2 CAS LiHD batterypacks 18,0V (2,0Ah) and charger, packed in L-Boxx

Large working range, up to M8 steel, M6 stainless steel and M10 aluminium.

High Speed Setting

Safe and easy drill-on of the blind rivet nuts. Constant speed setting and automatic switching to drill-off at the end of the setting process.

Safe and easy

Drill-on of the blind rivet nut with reduced torque and automatic switch-off. Separate Triggering of the pulling step. Monitoring of preset stroke through electronic control. Drill-off with high torque after setting is complete.

Quick mandrel exchange

Quick mandrel exchange and stroke adjustment without tools.

Fire Bird PRO

brushless motor (BLDC)
 Pulling Strength: 15.000 N
 Weight: 2,1 kg

CAS Batterypack

Nominal Voltage: 18,0V, Capacity: 2,0Ah
 Cells composition: LiHD

CAS battery charger

Input Voltage: 230V/50Hz













Item Code	Description	PU [pcs]
1360106	Riveting Tool FireBird® PRO	1
1360124	CAS batterypack Bird® PRO Series 18,0V- 2,0Ah - LiHD	1
1360125	CAS batterypack Bird® PRO Series 18,0V- 4,0Ah - LiHD	1
1360123	CAS Charger for Bird® PRO Series 230V / 18,0V	1

Special Mouth Pieces

For stressfree fastening of facade boards.

Thread mount: M10x1

Please refer to mounting instructions of board manufacturers.

Item Code	Type	Application	PU [pcs]
1360301		G1 for HPL, fibre cement aluminium rivets Ø 5 mm, head Ø 11 mm	1
1360304		G2 for HPL, fibre cement aluminium rivets Ø 5 mm, head Ø 14 mm	1
1360307		G3 for HPL, fibre cement aluminium rivets Ø 5 mm, head Ø 16 mm	1
1360309		G6 for HPL, fibre cement stainless steel rivets A4 Ø 5 mm, head Ø 15 mm	1
1360310		AG11 for aluminium composite panels aluminium rivets Ø 5 mm, head Ø 11 mm	1
1360312		AG14 for aluminium composite panels aluminium rivets Ø 5 mm, head Ø 14 mm	1
1360322		AG16 for aluminium composite panels aluminium rivets Ø 5 mm, head Ø 16 mm	1
1360331		AG6 for aluminium composite panels stainless steel rivets Ø 5 mm, head Ø 15 mm	1
1360323		G10 for HPL, fibre cement and aluminium composite materials aluminium rivets Ø 5 mm, head Ø 16 mm in use with design washer 22 mm	1
1360332		G17 for Rockpanel aluminium rivets Ø 5 mm, head Ø 16 mm	1

MBE Handle Drill-Jig

aluminium handle with cylindrical insert (hardened)

Centric transfer of hole pattern from board to sub-construction.

Please refer to mounting instructions of board manufacturers.

MBE drill-bit recommendation

Item: 1360405

MBE HSS special drill bit Ø 5,1 mm for aluminum subconstruction

Item: 1360405

MBE HSS special drill bit Ø 5,1 mm for steel subconstruction

Item: 1360409

MBE HSS special drill bit Ø 3,3 mm for wooden sub construction



Item Code	SC Type	panel drillhole [mm]	drill hole SC [mm]	PU [pcs]
1360203	Aluminium	8,0	5,1	1
1360222	Wood	8,0	3,3	1
1360217	Aluminium	8,5	5,1	1
1360212	Aluminium	9,5	5,1	1
1360205	Wood	9,5	3,3	1
1360218	Aluminium	10,0	5,1	1



MBE Single-Hand-Spring-Drill-Jig

including HSS-Drill-Bit

Centric transfer of hole pattern from board to sub-construction.

Please refer to mounting instructions of board manufacturers.

MBE drill-bit recommendation

Item: 1369908

HSS special drill bit \varnothing 5,1 mm for aluminum subconstruction

Item: 1360419

HSS-E special drill bit \varnothing 5,1 mm for steel subconstruction








Item Code	SC Type	panel drillhole [mm]	drill hole SC [mm]	PU [Stück]
1360202	Aluminium	8,0	5,1	1
1360216	Aluminium	8,5	5,1	1
1360220	Aluminium	9,5	5,1	1
1360215	Aluminium	10,0	5,1	1
1360211	Aluminium	13,0	5,1	1
1360211	Special Dimension (by request)			1

* *Also available for steel substructures

MBE Special Drill Bit with Centering Tip

Drilling holes into sub-construction of aluminium and steel.

Non slide shank with grip areas.

Item Code	Quality	Drill-Bit Ø [mm]	Length [mm]	PU [pcs]
<u>HSS drill bit for wooden sub construction</u>				
				wood substructure
1360409	HSS	3,3	~ 65	1
<u>HSS drill bit for MBE handle drill-jig</u>				
				Aluminium substructure
1360405	HSS	5,1	~ 85	1
				Steel substructure
1360418	HSS-E	5,1	~ 96	1
<u>HSS drill bit for MBE single hand spring drill-jig</u>				
				Aluminium substructure
1369908	HSS	5,1	~ 96	1
				Steel substructure
1360419	HSS-E	5,1	~ 96	1

MBE Facade Board Drill Bit

For placing mounting holes into boards made of HPL, fiber concrete, fiber reinforced concrete and aluminium.

For mounting hole diameter please refer to board manufacturers guidelines.

Special drill for free-hand as well as machinery drilling.

Exact borehole rim

Exact spot drilling because of centering tip

Item Code	Quality	Drill-Bit Ø [mm]	Length [mm]	PU [pcs]
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MBE VHM Facade-Board with centering tip drill for HPL, fiber concrete and fiber reinforced concrete

long life coated pure carbide metal of ultimate quality



1360708	VHM	6,0	~80	1
1360701	VHM	7,0	~80	1
1360702	VHM	8,0	~80	1
1360703	VHM	8,5	~80	1
1360706	VHM	9,0	~80	1
1360707	VHM	9,5	~80	1
1360704	VHM	10,0	~80	1
1360705	VHM	13,0	~80	1

MBE VHM Facade - Board drill with centering tip for Aluminium compound material



1360408	HSS-E	7,0	~109	1
1360406	HSS-E	8,5	~117	1
1360413	HSS-E	9,5	~117	1
1360410	HSS-E	10,0	~133	1

MBE Step Drill-Bit

Drilling holes into board and aluminium sub-construction as subsequent treatment in one operation only.

Drill Hole Board: refer to the manufacturers' instructions.

MBE Step Drill Bit applicable for punctual appliance.

We recommend using the MBE drill jig and the HSS drill bit.

Item Code	Quality	Step 1 Ø [mm]	Step 2 Ø [mm]	PU [pcs]
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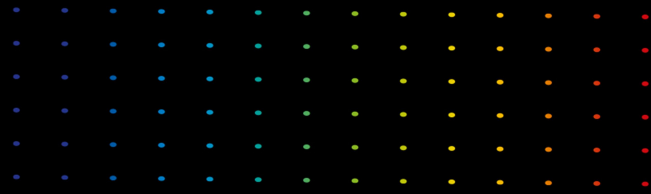
1360401	HSS	7,0	5,1	1
1360402	HSS	8,5	5,1	1
1360414	HSS	9,5	5,1	1
1360403	HSS	10,0	5,1	1

Accessories:

depth stop made of stainless steel for step drill bits



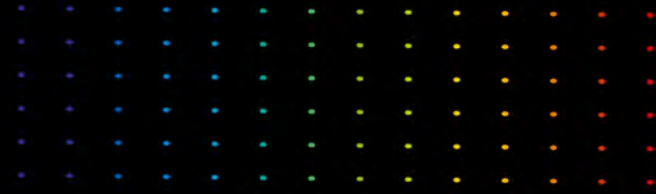
1360404	for step drill-bit 7,0, 8,5 on 5,1	1
1360415	for step drill-bit 9,5 on 5,1	1
1360407	for step drill-bit 10,0 on 5,1	1



MBE Bits



Item Code	Bit Drive	Quality	PU [piece]
1850003	 ISR 15	Steel	1
1850004	 ISR 20	Steel	1
1850005	 ISR 25	Steel	1
1850006	 PH 2	Steel	1
1850009	 T25W (CPS)	Steel	1



MBE Tool Box

Basic Equipment of tools for certain facade panel types / manufacturers.

Packed in solid outdoor plastic case.



Item Code	Description	PU
13608__	Tool Box - Price by request	1

Price by request

Facadescrews with colored head

Fastening of facade boards (e.g. HPL, fibre concrete) to wooden sub-construction.

Please follow instructions and specifications of board manufacturers.

For stress-free mounting stop screwing into-sub-construction when screw head meets board surface.



Item Code	Dimension [mm]	Head Ø [mm]	Quality	Drive	PU [pcs]
1120101	4,5 x 35	9,6	A4	ISR 20	250
1120201	4,8 x 25	12	A2	ISR 20	250
1120210	4,8 x 30	12	A2	ISR 20	250
1120202	4,8 x 32	12	A2	ISR 20	250
1120203	4,8 x 38	12	A2	ISR 20	250
1120204	4,8 x 38	14	A2	ISR 20	250
1120211	4,8 x 44	12	A2	ISR 20	250
1120212	4,8 x 60	12	A2	ISR 20	100
1120301	5,5 x 25	12	A4	ISR 20	250
1120302	5,5 x 35	12	A4	ISR 20	250
1120303	5,5 x 40	16	A4	ISR 20	100
1120304	5,5 x 45	12	A4	ISR 20	250
1120305	5,5 x 55	12	A4	ISR 20	100
1120306	5,5 x 65	14	A4	ISR 20	100
1120307	5,5 x 80	14	A4	ISR 20	100
1120308	5,5 x 100	14	A4	ISR 20	100
1120701	5,5 x 40 with drill tip	12	A4	ISR 20	100
1120401	5.5 x 42 with security drive	12	A4	ISR 27 SD	100



Colored parts



Sufficient anti corrosion protection is needed when stainless steel or aluminium parts are used in chloride containing atmosphere or close to it.

All part available in plain stainless steel.

Facade Screw Set for Aluminium composite panels

with colored head

Fastening of aluminium composite boards (4 mm thickness) to wooden sub-construction

Stressfree, damage preventing and tightening assembling by use of FA-ZE-DI washer

as soon as screw head rest on washer collar please end screw in process.

(no further torque) drill hole in facade board: !Z) 9,5 mm

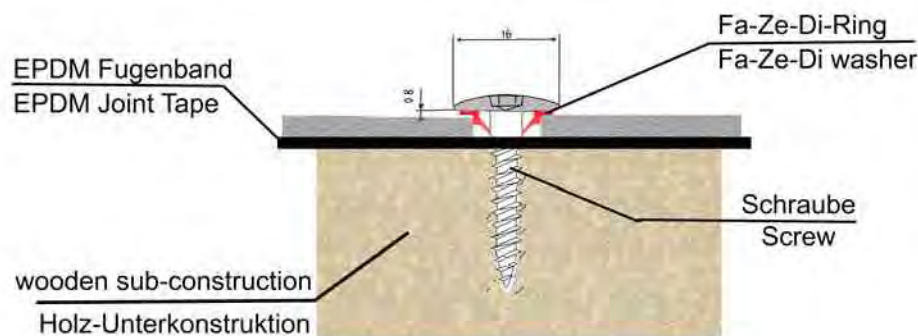
FA-ZE-DI Set consists of:

screw made of stainless steel A2 T25 drive

FAZEDI washer made of TPEf



Item Code	Dimension [mm]	Head Ø [mm]	Quality	Drive	PU [pcs]
1120806	4,8 x 30	16	A2	T25	250
1120807	4,8 x 40	16	A2	T25	250



Colored parts



Sufficient anti corrosion protection is needed when stainless steel or aluminium parts are used in chloride containing atmosphere or close to it.

All part available in plain stainless steel.



MBE Cassettes Drilling Screw with colored head

with cutting ring, for aluminium composite cassettes

Fixing of 2 mm supporting profiles on 4 mm aluminium composite cassettes.

Cassettes drilling screw with cutting ring for severing the protective film.

Protective film can be completely removed under screw head after setting process.

Please follow instructions and specifications of board manufacturers.



Item Code	Dimension [mm]	Head Ø [mm]	Quality	Drive	PU [pcs]
1690201	6,0 x 20 mm	11 mm	stainless steel A2	T25W	100

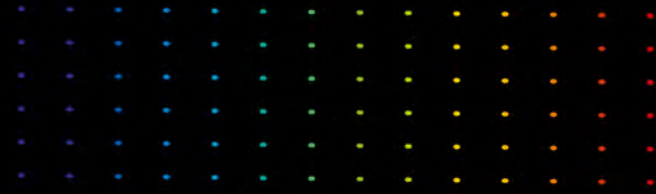


Colored parts



Sufficient anti corrosion protection is needed when stainless steel or aluminium parts are used in chloride containing atmosphere or close to it.

All part available in plain stainless steel.



EPDM Joint Tape LE-MBE-FB-EPDM DF1-0,75mm

non- and self-adhesive type

Protecting wooden sub-construction from water.

Thickness: 0,75 mm

Color: black

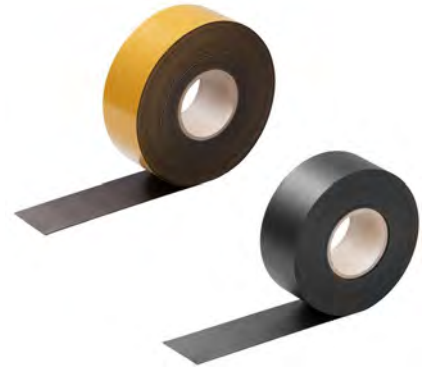
UV- / weather resistance: 20 years

CE: **LE-MBE-FB-EPDM DF1-0,75mm**

Please follow the processing instructions and technical standards for the chosen board material.

Sub-construction must be completely covered. (wooden sub construction must have minimum of 5 mm overlap on each side)

Special width by request.



Item Code	Width [mm]	Thickness [mm]	Roll [Length]	Roll [per PU]
EPDM				
1170201	70	0,75	25 m	2
1170202	110	0,75	25 m	1
1170203	135	0,75	25 m	1
EPDM self adhesive				
1170101	70	0,75	25 m	2
1170102	110	0,75	25 m	1
1170103	135	0,75	25 m	1



EPDM Joint Tape DF1 1,30 mm

non- and self-adhesive type

Protecting wooden sub-construction from water.

Thickness: 1,30 mm

Color: black

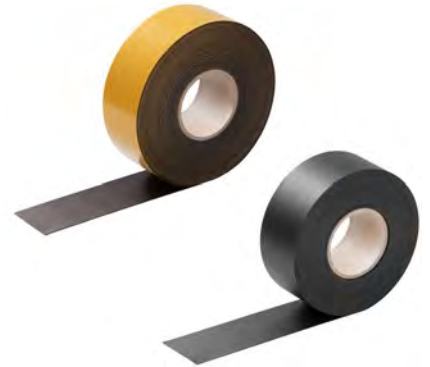
UV- / weather resistance: 20 years

CE: **LE-MBE-FB-EPDM DF1-1,30mm**

Please follow the processing instructions and technical standards for the chosen board material.

Sub-construction must be completely covered. (wooden sub construction must have minimum of 5 mm overlap on each side)

Special width by request.



Item Code	Width [mm]	Thickness [mm]	Roll [Length]	Roll [per PU]
EPDM				
1170601	70	1,30	15 m	2
1170602	120	1,30	15 m	1
EPDM self adhesive				
1170501	70	1,30	15 m	2
1170502	120	1,30	15 m	1

Balcony Screw Set Head 16 mm with cap nut

consisting of screw M5 (micron capsulated) with colored head, selfadhesive polywasher, washer 17mm, spring washer and cap nut

Fastening of facade boards to constructions made of aluminium, carbon steel, stainless steel.

Balcony Screws

material: stainless steel A2

drive: ISR 20

clamping range = t board + t sub-construction

Please follow processing instructions and standards for the chosen board material (confirm to ETB standards).

Torque 2 - 4 Nm.

Please pay attention to anti-corrosion protection if holes are drilled to steel sub-constructions later!



Item Code	Dimension [mm]	Quality	Clamping Range [mm]	PU [pcs]
1020101	M5 x 20	A2	7 - 11	100
1020102	M5 x 25	A2	12 - 16	100
1020103	M5 x 30	A2	17 - 21	100
1020104	M5 x 35	A2	22 - 26	100
1020105	M5 x 40	A2	27 - 31	100
1020106	M5 x 45	A2	32 - 36	100
1020107	M5 x 50	A2	37 - 41	100
1020108	M5 x 55	A2	42 - 46	100
1020109	M5 x 60	A2	47 - 51	100



Colored parts



Sufficient anti corrosion protection is needed when stainless steel or aluminium parts are used in chloride containing atmosphere or close to it.

All part available in plain stainless steel.

Balcony Screw Set Head 16 mm with thread bush

consisting of screw M5 (micron capsulated) with colored head, threaded poly spacer and thread bush

Fastening of facade boards to constructions made of aluminium, carbon steel, stainless steel.

Balcony Screws

material: stainless steel A2

drive: ISR 20

Thread Bush

material: stainless steel A2

drive: ISR 20

clamping range = t board + t sub-construction

Please follow processing instructions and standards for the chosen board material (confirm to ETB standards).

Torque 2 - 4 Nm.

Please pay attention to anti-corrosion protection if holes are drilled to steel sub-constructions later!

Required minimum strength of the sub-construction is 20 mm.



Item Code	Dimension [mm]	Quality	Clamping Range [mm]	PU [pcs]
1020201	M5 x 20	A2	21 - 25	100
1020202	M5 x 25	A2	26 - 30	100
1020203	M5 x 30	A2	31 - 35	100
1020204	M5 x 35	A2	36 - 40	100
1020205	M5 x 40	A2	41 - 45	100
1020206	M5 x 45	A2	46 - 50	100
1020207	M5 x 50	A2	51 - 55	100
1020208	M5 x 55	A2	56 - 60	100
1020209	M5 x 60	A2	61 - 65	100

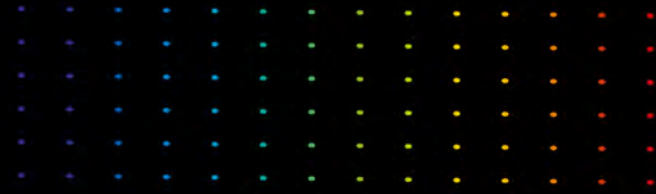


Colored parts



Sufficient anti corrosion protection is needed when stainless steel or aluminium parts are used in chloride containing atmosphere or close to it.

All part available in plain stainless steel.



Screw-Set for use on solid walls for fixing interior protection board (HPL or coated chips)

consist of facade screw with colored head and plastic dowel S8

Through bolt screw visible in solid walls (concrete / brickwork).


Drill hole wall protection: 8mm

Drill hole brickwork: 8mm



Item Code	Dimension [mm]	Head Ø [mm]	Quality	Drive	PU [pcs]
1070101	5,5 x 55	12	A4	S8	100
1070102	5,5 x 65	14	A4	S8	100

 Colored parts

 Sufficient anti corrosion protection is needed when stainless steel or aluminium parts are used in chloride containing atmosphere or close to it.

All part available in blank aluminium.

MBE Fix Point Sleeves

individual choosing of fixpoint



Item Code	Dimension [mm]	Quality	PU [pcs]
1240211	Ø 8,0 x 7,5 lg - drill hole Ø 5,1	Aluminium	100
1240212	Ø 8,0 x 12,0 lg - drill hole Ø 5,1	Aluminium	100
1240207	Ø 8,5 x 3,5 lg - drill hole Ø 5,1	Aluminium	100
1240201	Ø 8,5 x 6,0 lg - drill hole Ø 5,1	Aluminium	100
1240206	Ø 8,5 x 6,0 lg - drill hole Ø 5,1	A2	100
1240202	Ø 9,0 x 6,0 lg - drill hole Ø 4,1	Aluminium	100
1240216	Ø 9,5 x 3,5 lg - drill hole Ø 5,1	Aluminium	100
1240219	Ø 9,5 x 7,4lg - drill hole Ø 5,1	Aluminium	100
1240220	Ø 9,5 x 7,4lg - drill hole Ø 5,1	A2	100
1240205	Ø 10,0 x 6,0 lg - drill hole Ø 5,1	Aluminium	100
1240221	Ø 10,0 x 6,0 lg - drill hole Ø 5,1	A2	100
1240213	Ø 10,0 x 12,0 lg - drill hole Ø 5,1	Aluminium	100
1240227	Ø 8,5 x 3,5 lg - drill hole Ø 6,0	Aluminium	100
1240228	Ø 9,5 x 3,5 lg - drill hole Ø 6,0	Aluminium	100

MBE Fixpoint Sleeves Set's PLUS

individual choosing of fixpoint

MBE tool tip

For fix point sleeve plus set's (with long hole)
please only use MBE VHM drill bit for drilling facade boards

Artikel-Nr.124 04 05 - (drill hole \varnothing 10 mm H8; +27/+0)

Artikel-Nr.124 04 04 - (drill hole \varnothing 13 mm H8; +27/+0)

in connection item 1240405 please use item 1360603 MBE hit tool

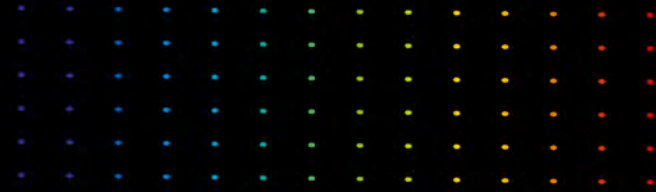


Item Code	Dimension [mm]	Quality	PU [pcs]
1240405	Fixpoint-Sleeve-Set Plus 10 consisting of each 100 fix point sleeves: \varnothing 10,0 x 6,0 lg - drill hole \varnothing 5,1 \varnothing 10,0 x 6,0 lg - long hole 5,2 x 7,0	Aluminium	100
1240404	Fixpoint-Sleeve-Set Plus 13 consisting of 100 fix point sleeve: \varnothing 13,0 x 6,0 lg - drill hole \varnothing 5,1 \varnothing 13,0 x 6,0 lg - longhole 5,2 x 9,0	Aluminium	100
1240406	Fixpoint-Sleeve Plus Rockpanel \varnothing 8,0 x 7,5 lg - long hole 5,1 x 6,2	Aluminium	100

Accessories



1360603	Hit Tool 10	A2	1
1360604	Hit Tool Rockpanel	A2	1



Window Sill Screws similar DIN7981

with EPDM washer A2 12 mm or Polyamide washer

Screws available with stainless steel washer EPDM 12 mm or polyamide washer.

Screws available in all uni- and metallic colors.

Screws available with Pozi or ISR drive.

polyamid washers available in transparent, white, brown and grey.

Prices by request.



Item Code	Dimension [mm]	Quality	PU	Price
188....	3,9 x 13	A2		
188....	3,9 x 16	A2		
188....	3,9 x 19	A2		
188....	3,9 x 22	A2		
188....	3,9 x 25	A2		
188....	3,9 x 32	A2		
188....	3,9 x 38	A2		





Colored parts

Centering Washer for Screws

Please follow the processing instructions and standards for the chosen board material.

itemcode 1240501: Ø panel drill hole: 7 mm



itemcode 1240502: Ø panel drill hole: 8,5 mm

Item Code	Dimension [mm]	Quality	PU [pcs]
<u>TPE centering washer</u>			
			
1240501	Ø 10,5 x 4,0 mm	TPE	250
<u>AV centering sleeve</u>			
			
1240502	Ø 10 x 8,3 mm	PA	100

TD-A4-Screws with cutting notch

Screw for attaching brackets or panel support profiles to HPL panels for concealed attachment of facade panels, hanging system.



Item Code	Dimension	PU [Stück]
1300301	TD-A4-D12/R-6X8	100
1300302	TD-A4-D12/R-6X9,5	100
1300303	TD-A4-D12/R-6X11,5	100
1300304	TD-A4-D12/R-6X14,5	100
Accessories		
1900301	Depth locator	1
		
1300306	HSS-4,9X40,5	1
		
1300307	HSS-4,9X42,5	1
1300308	HSS-4,9X45,5	1

Tinner Screws with EPDM washer A2 15 mm, Torx Drive

2-parted, with colored head

The tinner screws made of A2 stainless steel are suitable for both indoor and outdoor use. They are used, for example, for the permanently tight fastening of wall connection profiles, wall coverings, skylights as well as roof and chimney supports. The dimensions marked with * are available in standard quantities in the following RAL colors within 2-3 working days.
 RAL 7016 anthracite gray
 RAL 9005 jet black
 RAL 9010 pure white
 Other colors and dimensions are available upon request.



Item Code	Dimension [mm]	Quality	PU [pcs]
1350301	4,5 x 25*	A2	100
1350302	4,5 x 35*	A2	100
1350303	4,5 x 45*	A2	100
1350304	4,5 x 55	A2	100
1350305	4,5 x 60	A2	100
1350306	4,5 x 65	A2	100
1350307	4,5 x 80	A2	100

 Colored parts

All part available in plain stainless steel.



MBE Touch Up Pen

For punctual repair of scratches / damages on fasteners.

Available in all current panel colors and according to samples.



Item Code	Content	PU [pcs]
1000011	20 ml	1

Design Washer

For large format panels or to cover large drill holes.

In conjunction with facade rivets head 16 mm, aluminium / stainless steel.


Clamping thickness for selecting correct rivet


Clamping thickness = sub-construction + panel + 1,5 mm

Stressfree mounting can only be guaranteed by using MBE special mouth piece type G10 - item code 1360323 (refer to section tools & accessories).



Item Code	Drill Hole Ø [mm]	Outer Ø [mm]	Height [mm]	Quality	PU [pcs]
1240301	5,1	22	Aluminium	2,6	100

 Colored parts

 Sufficient anti corrosion protection is needed when stainless steel or aluminium parts are used in chloride containing atmosphere or close to it.

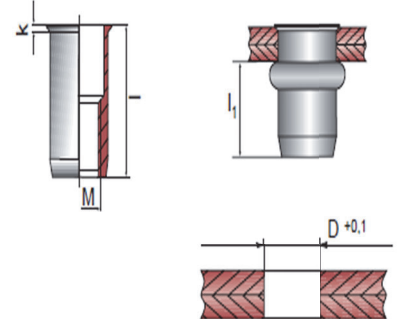
All parts also available in blank aluminium.

MBE detachable Fixing Solution

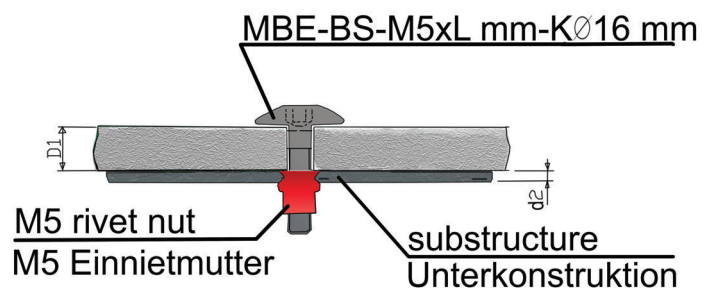
consists of Balcony Screw M5 and rivet nut M5

facade board on aluminium or steel sub-constructions.

Please note that a special tool is needed for fixing the rivet nut.
(please refer to riveting gun FireBird Pro unter section Riveting Tools



Item Code	Dimension [mm]	Head \varnothing [mm]	Quality	PU [pcs]	
Balcony Screws M5, with colored head \varnothing 16 mm					
1020301	M5 x 20	16	A2	100	
1020302	M5 x 25	16	A2	100	
1020303	M5 x 30	16	A2	100	
Rivet Nut M5, stainless steel					
Item Code	Dimension [mm]	Quality	Inner-Thread	Clamping Range [mm]	PU [pcs]
1289910	7 x 11,5	A2	M5	1,0-3,0	100

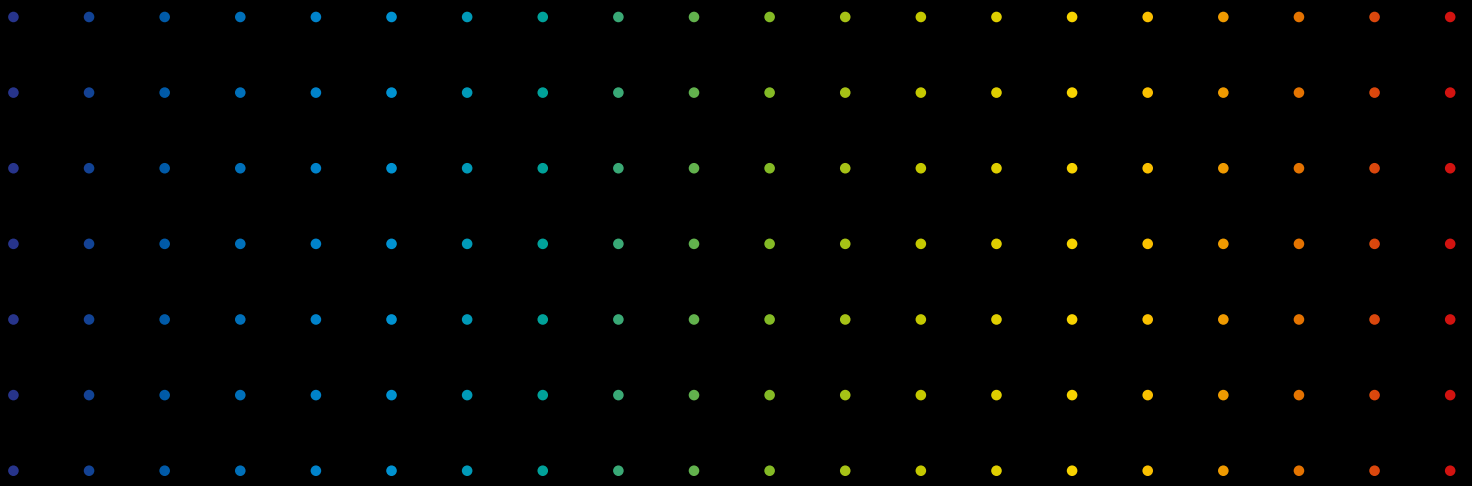


Colored parts

Sufficient anti corrosion protection is needed when stainless steel or aluminium parts are used in chloride containing atmosphere or close to it.

All part available in blank.

Other dimensions available by request.



Our team will be happy to assist you
with technical questions and inquiries
about our product range.

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