



MASC

... the original

The tool catalogue



Note freight costs!

ATTENTION!
Due to the increase in raw material prices (worldwide), subsequent surcharges may apply to individual items.

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Distribution of tools and construction products

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Freight costs domestic/BRD

From 800.00 euros net value of goods within Germany: freight delivery paid. Excluded: S10 program, PE pipes, gondola shelving, sheet metal rolling truck, MUK and MUKV rails, Kaminfix, transport and uncoiling device, Quell-Fix.

For goods shipments with a net goods value of less than €800.00, we currently charge €80 for postage and packaging per package (subject to change).

Freight costs abroad/EU

From 2550.00 euros net goods value within the EU: delivery carriage paid. Excluded: S10 programme, PE pipes, sheet metal shelving, MUK and MUKV rails, Kaminfix, transport and uncoiling device.

Flat-rate costs for customs clearance based on actual costs

Orders with a net goods value of less than €100.00: plus €10.00 processing fee/small quantity surcharge. Express deliveries are generally delivered ‘ex works’.

Small quantities of bulky goods (MUK and MUKV) can only be delivered by UPS ‘ex works’ (freight costs on request).

Goods can only be shipped up to 4 p.m.

All prices are subject to VAT at the prevailing rate.

Returns of goods

Unfortunately, we have to reject non-free returns without prior consultation. Returns are generally to be sent carriage paid to our address.

What else you should know

This catalogue supersedes all previous catalogues, price lists and offers. Our offer is subject to change. We reserve the right to make prior sale, technical changes, as well as changes to the range and prices. Subject to change. No claim to completeness. We accept no liability for typographical or printing errors.

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All important MASC products are protected by patent and/or registered design in the industrialised countries that are important

The MASC team – your supplier and partner!

Freight charges within Germany

From a net value of goods of 800,00 Euro: delivery free of freight
Except for: S10-program, PE-pipes, shelves, sheet metal rolling trucks, MUK- and MUKV-rails, Chimney Fix, Transport- and uncoiling device.

Freight charges within Europe

From a net value of goods of 2550,00 Euro: delivery free of freight
Except for: S10-program, PE-pipes, shelves, sheet metal rolling trucks, MUK- and MUKV-rails, Chimney Fix, Transport- and uncoiling device.

Order value

For orders below a net value of goods of 100,00 Euro plus a 10,00 Euro service charge/markup for small-volume purchases. For delivery per express always ex works.

Value added-tax not included in the prices.

With the publication of this catalogue and the included prices, the old MASC-price lists are no longer valid.

Subject to technical modifications. Errors excepted. No claim for completeness. We do not assume liability for typing errors and misprints.

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All important MASC-products are patented and/or under the protection of registered designs in trade-specifically important industrial states.

The MASC-TEAM - Your supplier and your partner!

TOOL

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BUILDING MATERIALS

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MASC Screw-in top for screws

- > right and left-handed threads
- > universal attachment for cordless screwdrivers
- > quick insertion and removal of hanger bolts without damaging the thread



Item No.:	Description	Retailer packaging unit/piece
STEM8 RL	Screw-in top for screws for threads M8 60 x 27 mm, 0.05 kg	10 E
STEM10 RL	Screw-in top for screws for threads M10 60 x 27 mm, 0.05 kg	10 E

Stockschrauben-Eindrehaufsatz Utensile di avvitamento per viti a bacchetta
 Douilles patte à vis à double filetage Accesorio enroscable para tornillo de banco



MASC Corner valve wrench

- > Enables the force-locked screwing in of the angle valve, even in toilet tanks
- > The key shape prevents slipping and thus injuries to the hands during assembly
- > Suitable for 1/2 inch ratchet and extension for concealed toilet tanks



Item No.:	Description	Retailer packaging unit/piece
EVS	Corner valve wrench made from V ₂ A 55 x 35 mm, 0.2 kg	10 G

Eckventil-Schlüssel Chiave per valvola angolare
 Clé pour soupape d'équerre Llave dinamométrica angular



MASC Plumbing pipe clamp insertion aid

- > For standard pipe clamps
- > Easy to screw on the pipe clamps, even in confined spaces
- > Quick change between pipe clamp screwdriver and cross-head bit
- > Convenient and quick screwing in of all standard plumbing pipe clamps
- > Tool with bit holder for cordless screwdriver



Item No.:	Description	Retailer packaging unit/piece
SRE	Plumbing pipe clamp insertion aid 70 x 50 x 33mm, 0.1 kg	1 E

Sanitär-Rohrschellen-Eindreihilfe Ausilio per l'inserimento di fascette per sanitari
 Aide au vissage des colliers sanitaires Dispositivo auxiliar de insercción para abrazaderas de sanitarios



MASC Extremo masonry drill bit

Stoneware | Porcelain | Clay | Granite | Tiles | Slate | Marble | Terracotta | Quarry-faced masonry

- > Drill bits for extremely hard materials
- > Drill without impact, constantly cool drill bit with water
- > Drill at a low speed
- > 1A hardened-metal tip
- > Excellent soldering
- > Revolutionary geometry



Item No.:	Description	Retailer packaging unit/piece
SB5	Drill bits, ø 5 mm	10 G
SB6	Drill bits, ø 6 mm	10 G
SB8	Drill bits, ø 8 mm	10 G
SB10	Drill bits, ø 10 mm	10 G

Steinbohrer extremo Punta per pietra extremo
 Foret à pierre extremo Broca para piedra extremo



MASC Quick clamp

Tap adapter quick-connect system

- > No connection problems: Water hose can be connected without tools
- > Creates a pressure-safe hose connection on single-lever mixers or bath taps in just a few simple steps
- > Outlet side is provided with a 3/4 inch external thread - ensures the connection of many different hose systems



Item No.:	Description	Retailer packaging unit/piece
KB34	Quick clamp	10 E

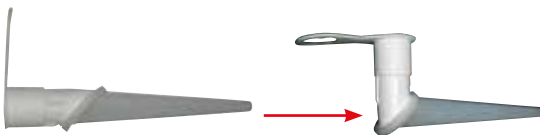
Klemm-Blitz Adattatore rapido
 Système d'attelage rapide par serrage Adaptador de apriete



MASC Crevice nozzle + nozzle extension

Crevice nozzle

- > The attachment can be rotated 360°
- > This makes it easy to reach corners and edges that would otherwise be difficult to access.



Nozzle extension

- > The nozzle can be extended almost infinitely and fits on every standard cartridge.



Item No.:	Description	Retailer packaging unit/piece
MFD	MASC Crevice nozzle Length in straight state: 11 cm	100 I
MDV	MASC Nozzle extension Length: 11 cm per piece, can be extended as required	100 I

Fugendüse + Düsenverlängerung Ugello per fughe + prolunga
 Buse d'aspiration + rallonge de buse Tobera de juntas + Alargadera de la tobera



Huge order potential:
approx. 80% of German households
are not hydraulically balanced!



MASC HYDRA - device and system for hydraulic compensation

Hydraulic levelling system

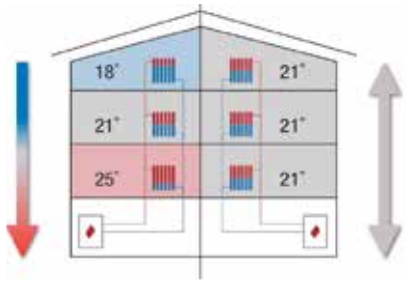
> Huge potential for orders (approx. 80% of German households are not hydraulically balanced)

System without hydraulic balancing

- > Temperature drop between individual consumers
- > Excessive energy requirement
- > pointless environmental pollution
- > increased heating costs

System with hydraulic balancing

- > Balanced room temperature at all consumers
- > Optimised energy efficiency
- > Reduced climate impact
- > Optimised heating costs

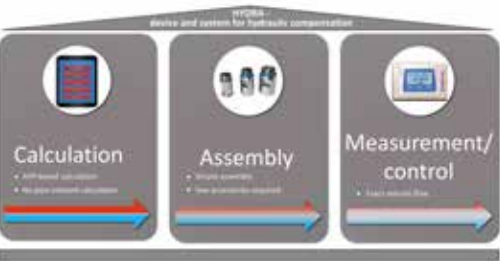


MHEKV	MHKV1/2	MHV1/2*3/4	MHVS1/2	MHV1/2	MHV3/4
Eurokonus	short	1/2 – 3/4 inch	hex	1/2 inch	3/4 inch



MHEKR	MHKR1/2	MHR1/2*3/4	MHR1/2	MHR3/4	MHR1/2
Eurokonus	short	1/2 – 3/4 inch	hex	3/4 inch	1/2 inch

- > Permanently shows the exact amount of water flowing through each individual radiator in the system
- > Generates maximum transparency of the heating system
- > App-guided system through complete hydraulic balancing without complex pipe network calculation
- > Optimises the energy efficiency of the heating system
- > Minimal intervention in the heating system (see installation example)



Example of use



Item No.:	Description	Retailer packaging unit/piece
MHR1/2	MASC HYDRA 1/2 inch, for installation in the return line, 9 pcs. in a set	1 D
MHR3/4	MASC HYDRA 3/4 inch for installation in the return line, 9 pcs. in a set	1 D
MHR1/2	MASC HYDRA 1/2 inch hexagonal for installation in the return line, 9 pcs. in a set	1 D
MHR1/2*3/4	MASC HYDRA Eurocone 1/2 inch - 3/4 inch for Euro cone for installation in the return line, 9 pcs. in a set	1 D
MHKR1/2	MASC HYDRA short 1/2 inch for Euro cone for installation in the return line, 9 pcs. in a set	1 D
MHV1/2	MASC HYDRA 1/2 inch for installation in the supply line, 9 pcs. in a set	1 D
MHV3/4	MASC HYDRA 3/4 inch for installation in the supply line, 9 pcs. in a set	1 D
MHVS1/2	MASC HYDRA 1/2 inch Hexagonal for mounting in the supply line, 9 pieces in a set	1 D
MHV1/2*3/4	MASC HYDRA Eurocone 1/2 inch - 3/4 inch for Eurocone for mounting in supply line, 9 pieces in a set	1 D
MHKV1/2	MASC HYDRA short 1/2 inch for Eurocone for mounting in supply line, 9 pieces in a set	1 D
MHMS	MASC HYDRA - device and system for hydraulic compensation measuring system in case Consisting of measuring unit, charging station, Hydra app	1 D
MHM	MASC HYDRA - device and system for hydraulic compensation mounting spanner	1 D



Hydra - System zum hydraulischen Abgleich
Hydra - Dispositif et système de compensation hydraulique

Hydra - Sistema di bilanciamento idraulico
Hydra - Dispositivo y sistema de nivelación hidráulica

MASC Overshoes

- > No soiling at the customer's premises
- > Made of polyester stretch material with dipped, waterproof and non-slip rubber sole
- > Washable at 60°C
- > Multiple use

Item No.:	Description	Retailer packaging unit/piece
ÜS2	Overshoes Size 41 - 43, 0.153 kg	10 G
ÜS3	Overshoes Size 44 - 46, 0.212 kg	10 G
ÜS4	Overshoes Size 47 - 49, 0.246 kg	10 G

Überziehschuhe
Surchaussures

Soprascarpe
Salvazapatos



MASC Overshoe Super-Grip

- > Extremely slip-resistant, stretchy and very elastic with vulcanised sole
- > Minimised risk of tripping due to perfect fit on the foot
- > Pull tightly over the shoe, adapts to almost any shape
- > Washable up to 90 degrees
- > Suitable for tumble drying up to 90 degrees
- > Available in size 1: 38-41, size 2: 42-44, size 3: 45-48

Item No.:	Description	Retailer packaging unit/piece
ÜSSG2	Overshoe Super-Grip Available in size 1: 38-41, size 2: 42-44, size 3: 45-48	1 G

Überziehschuh Super-Grip
Surchaussures Super-Grip

Soprascarpe Super-Grip
Salvazapatos Super-Grip



MASC PVC gloves, 700 mm long

- > Ideal for cleaning boilers or oil burners
- > Indispensable for toilet blockages and grease traps

Item No.:	Description	Retailer packaging unit/piece
PHS	PVC Gloves 700 mm long, 0.194 kg	10 G

PVC Handschuh 700 mm lang
Gants de protection en PVC 700 mm de longueur

Guanto in PVC lunghezza 700 mm
Guantes de PVC - largo: 700 mm





MASC Special expander cone available with SDS or triangular holder!



Adapter SDS

MASC Special expander cone for downpipes

- > Easy expansion of all commercially available downpipes (crimped, welded ...) made of zinc and copper, aluminium and Uginox
- > Absolute 1-man = construction site or workshop device
- > Automatic feed and return due to the patented gearbox
- > Simple production of sliding sleeves
- > Alignment of rain pipe bends possible
- > For rotary hammer drills (also cordless) with R/L barrel for SDS-Plus or gear rim holder
- > Also available adjustable (see page 6)
- > Low weight due to aluminium construction

Optionally combinable diameters as a set in a case!

Adapter SDS

- > Cone with SDS shank can be clamped in any cordless drill with a sprocket chuck using the adapter
- > Optimum power transmission, as the adapter can be clamped to the SDS shank with grub screws

Item No.:	Description	Retailer packaging unit/piece
SC050K	Special expander cone 50 mm 170 x 50 mm, 0.65 kg	1 A
SC060K	Special expander cone 60 mm 170 x 60 mm, 0.75 kg	1 A
SC075K	Special expander cone 75 mm 170 x 75 mm, 1.0 kg	1 A
SC076K	Special expander cone 76 mm 170 x 76 mm, 1.05 kg	1 A
SC080K	Special expander cone 80 mm 170 x 80 mm, 1.15 kg	1 A
SC087K	Special expander cone 87 mm 170 x 87 mm, 1.4 kg	1 A
SC0100K	Special expander cone 100 mm 170 x 100 mm, 1.75 kg	1 A
SC0120K	Special expander cone 120 mm 170 x 120 mm, 2.3 kg	1 A
SC0130K	Special expander cone 130 mm 170 x 130 mm, 2.9 kg	1 A
SC0150K	Special expander cone 150 mm 170 x 150 mm, 3.35 kg	1 A
SDSA	Adapter SDS ø 4 mm	5 E
KG	Large case for 5 coners 3.65 kg	1 C
SCS...	Special expander cone set Available as sets of 2 or 3, optionally in a case	

Examples of cone sets

Item No.:	Description	Retailer packaging unit/piece
SCS80100	Cone set 80/100, 76/100 or 87/100 in case	1 A
SCS100120	Cone set 100/120 or 60/120 in a case	1 A
SCS7687100	Cone set 76/87/100 or 60/80/100 in case	1 A
SCS87100120	Cone set 87/100/120 in a case	1 A



Spezial-Aufweitconer für Regenfallrohre
Cône spécial d'élargissement pour les descentes d'eaux pluviales
Allargatubo speciali per pluviali
Abocardados especiales para tubos bajantes

MASC Special expander cone, adjustable

- > Easy compensation of production-related tolerances of +/- 1 mm in drainpipes from different manufacturers
- > Available in diameters 75/76/80/87/100/120 mm

Item No.:	Description	Retailer packaging unit/piece
SC075 KV	Special expander cone 75 mm 170 x 75 mm, 1.4 kg	1 A
SC076 KV	Special expander cone 76 mm 170 x 76 mm, 1.45 kg	1 A
SC080 KV	Special expander cone 80 mm 170 x 80 mm, 1.55 kg	1 A
SC087 KV	Special expander cone 87 mm 170 x 87 mm, 1.8 kg	1 A
SC0100 KV	Special expander cone 100 mm 170 x 100 mm, 2.35 kg	1 A
SC0120 KV	Special expander cone 120 mm 170 x 120 mm, 3.4 kg	1 A

Adjustable coners also available in sets!

Spezial-Aufweitconer verstellbar
Cône spécial d'élargissement ajustable
Allargatubo speciali, regolabili
Abocardados especiales, regulables



MASC Lubricant

- > Care and maintenance of the expander cone
- > For derusting and maintaining snips, crimping pliers ...
- > For the care and lubrication of folding machines, rounding machines, impact shears, ...
- > Neutral and acid-free
- > Foams when sprayed on

Item No.:	Description	Retailer packaging unit/piece
SF	Lubricant 160 x 60 mm, 0.3 kg, 200 ml can	12 E

Schmierfix
Lubrifiant
Lubrificante
Lubrificante



MASC Gutter saw

- > Quick and clean sawing out of a circular hole for the gutter inlet socket
- > Convenient and simple attachment of a board
- > Diameter of the saw: 102 mm

Can only be used with V₂A, Inox, Uginox, etc. with increased wear

Item No.:	Description	Retailer packaging unit/piece
RLS	Gutter saw 255 x 110 mm, 3.2 kg	1 E
ETRLSB	Replacement drill bit for gutter saw Length: 100 mm	1 net
ETRLSS	Spare saw for gutter saw ø 101.3 mm	1 net



Rinnenlochsäge
Scie cloche pour gouttières
Sega a tazza per grondaie
Sierra perforada en canal



Cone sets can be customised!



MASC Hole saw set

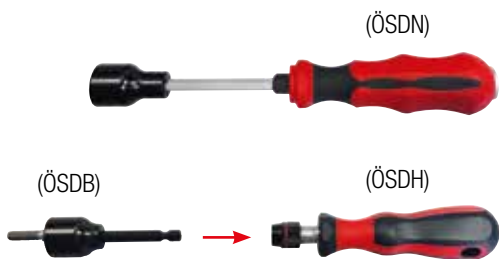
- > HSS bi-metal hole saw set for plumbing work
- > With 2 adapters and a centring drill, in a case
- > Perfect fit
- > Extra fine tooththing
- > For thin-walled sheet metal, rainwater pipes, chimney caps, pipe branches, etc.



Item No.:	Description	Retailer packaging unit/piece
LSS Set 1	Hole saw set 60/80/100/120 mm	E
LSS Set 2	Hole saw set 76/87/100/120 mm	E

Lochsägen-Set
Kit de scies trépan

Set sega a tazza
Juego de sierras de calar



MASC Screw driver for eyelet bolts - new design

- > Simple screwing or unscrewing of eye bolts on rainwater downpipe clamps
- > Shank with hexagonal base
- > Tracing with direction lines and holding pressure pen
- > New ergonomic handle

Item No.:	Description	Retailer packaging unit/piece
ÖSDN	Screw driver for eyelet bolts in new design, with 2K handle	1 C
ÖSDB	Screw driver for eyelet bolts attachment 1/4 inch for drill chuck holder, with holding pressure pin and direction lines	1 C
ÖSDH	Hand hold 2K handle with quick-release function, 1/4 inch	1 C

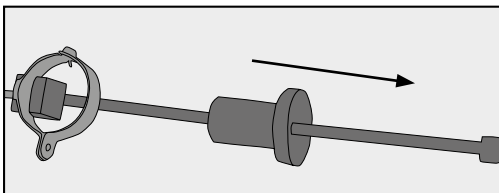
Ösensschraubendreher
Tournevis pour vis à œillet

Cacciavite per occhielli
Destornillador para ojete



MASC Pipe clip snag in new shape

- > Easy removal of commercially available pin pipe clamps (drain pipe clamps, plumbing pipe clamps, etc.).
- > No damage to the wall surface, e.g., with slate, Eternit, sheet metal, full thermal insulation panelling, wooden shingles and other sensitive wall panelling



Item No.:	Description	Retailer packaging unit/piece
RZN	Pipe clip snag in new shape 520 x 115 x 80 mm, 4.0 kg	1 D

Rohrschellenzieher neue Form
Système de retrait de colliers de forme nouvelle

Estrattore per fascette stringitubo nuova forma
Tirador de abrazaderas, nueva forma



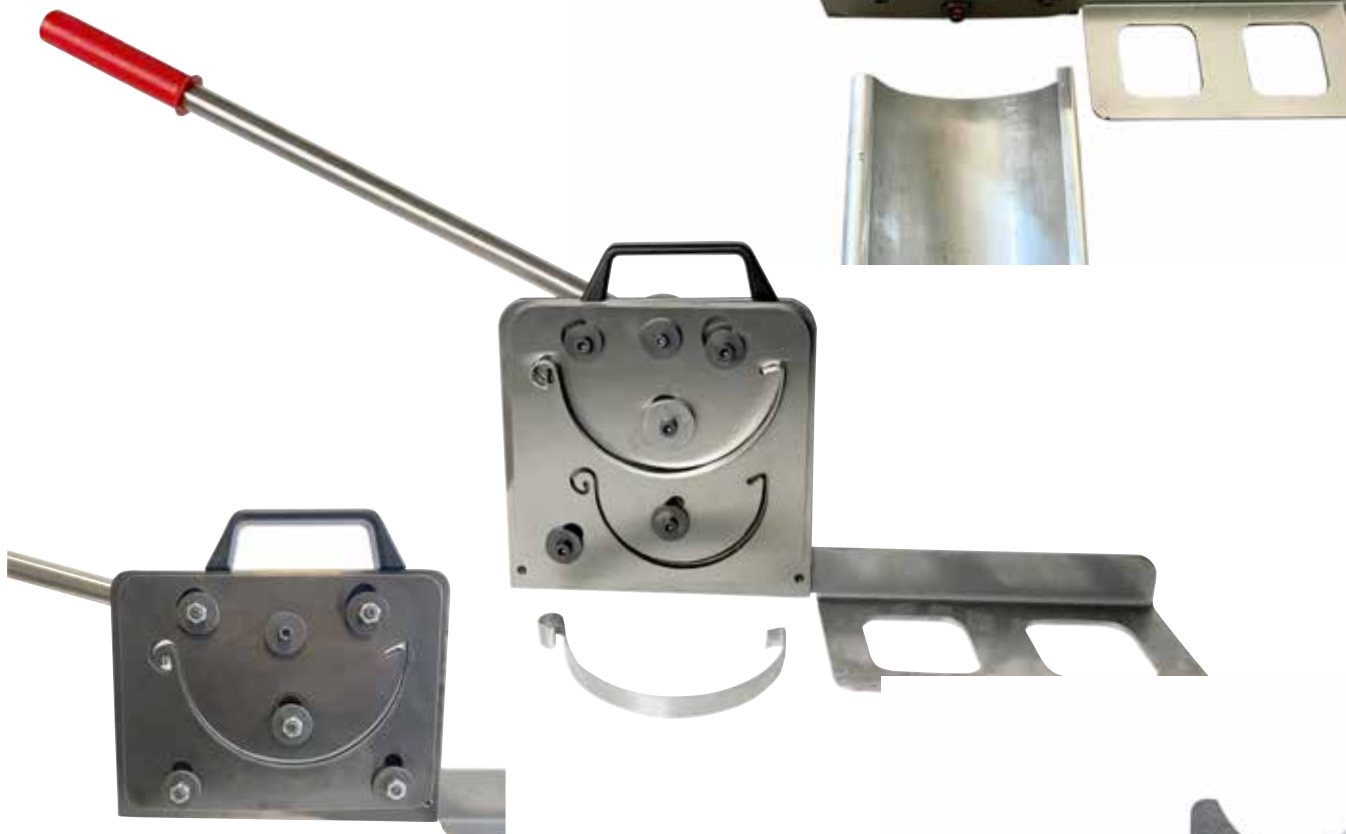
MASC Gutter cutter

- > 80% time saving
- > Degree-free separation
- > Waste-free cutting enables both cutting sides to be used without reworking
- > Ideal for the workshop and construction site

Limit values

Aluminium	up to 0.8 mm
Copper	up to 0.8 mm
Zinc	up to 0.7 mm
Steel (Uginox)	up to 0.5 mm

Different gutter shapes, box gutter, mitre cuts?
Ask about our customised solutions.



Item No.:	Description	Retailer packaging unit/piece
DRC28	Gutter cutter for 28 gutters Cutting device for 7 pcs./ 28 gutters	1 A
DRC33	Gutter cutter for 33 gutters Cutting device for 6 pcs./ 33 gutters	1 A
DRC28/33	Gutter cutter for 28 and 33 gutters Duo cutter for 7 pcs./ 28 and 6 pcs./ 33 gutters	1 A
DRC25/28/33	Gutter cutter for 25, 28 and 33 gutters Cutting device Trio for 8 pcs./ 25, 7 pcs./ 28, 6 pcs./ 33	1 A
DRA28	Gutter support for 28 gutters Overlay cutting device for 7 pcs./ 28 gutters	1 A
DRA33	Gutter support 33 gutters Overlay cutting device for 6 pcs./ 33 gutters	1 A
DRA28/33	Gutter support 28/33 gutters Overlay cutting device for 7 pcs. + 6 pcs./ 28/33 gutters	1 A
DRC25/28/33	Gutter support 25/28/33 gutters support cutting device Trio for gutters in the dimensions: 8 pcs./ 25 7 pcs./ 28 6 pcs./ 33	1 A

Dachrinnen-Cutter
Cutter de gouttière

Taglierina per grondaie
Cúter para canalones





MASC Craftsman's rope

- > Craftsman's rope for many applications
- > Interwoven rubber cords have an anti-slip effect
- > Interwoven carrier and rubber material creates a tensioning effect
- > No stiffening of the knots in wet or cold conditions
- > Even if the rubber cords are cut when used with sharp-edged sheets, the function is still guaranteed

Item No.:	Description	Retailer packaging unit/piece
HS15	Craftsman's rope 1500 mm	10 E
HS30	Craftsman's rope 3000 mm	10 E

Handwerkerseil
Câble d'artisan

Fune da artigiano
Cable de artesano



MASC Cord uncoiler, metal

- > MASC Cord uncoiler, metal & standard for fast and clean winding and unwinding of lines without knotting
- > No rolling away possible as one side is flat

Item No.:	Description	Retailer packaging unit/piece
RSAM	Cord uncoiler, metal 220 x 100 mm, 0.5 kg	5 E

Rinnenschnurabroller Metall
Enrouleur de corde pour gouttières en métal

Svolgitore per corda in metallo
Enrollador metálico de cordón de canalones



MASC Bead former

- > Bead former for all commercially available gutters
- > Tool for forming indented gutter beads
- > Bead former functions as a mitten for former with a hammer
- > Galvanised tool with non-slip rubber handle

Item No.:	Description	Retailer packaging unit/piece
WAB	Bead former for all commercially available gutters	1 E

Wulstenausbeuler
Débosseleur de bourrelets

Kit di riparazione ammacature
Aplastador de protuberancias



MASC Gutter line special

- > New design with specially woven interlining, no sagging when wet
- > Extremely tear-resistant, hard braided
- > Fluorescent colours for better visibility at dusk
- > No re-stretching

Item No.:	Description	Retailer packaging unit/roll
RSOS	Gutter line orange special with interlining 1.5 mm x 75 m, 0.09 kg	20 I
RSGS	Gutter line green special with interlining 1.5 mm x 75 m, 0.09 kg	20 I

Rinnenschnur-Spezial
Corde spéciale pour gouttières

Corda speciale
Cordones especiales para canalones



Tip: MASC Cord-water-level



MASC Cord-water-level

- > for quick and precise levelling of the slope when installing gutters

Item No.:	Description	Retailer packaging unit/piece
RWW	Cord-water-level 79 mm x 12 mm	10 C

Rinnenschnur-Wasserwaage
Niveau à corde pour gouttières

Livella a bolla d'aria con corda
Nivel de burbuja con cordel



MASC Ladder guard

- > Easy to use for all commercially available ladders
- > Prevents the single ladder from slipping in the roof area
- > Can be fitted anywhere where there is sufficient support for the ladder guard

Set up according to UWV! DIN+EN 131 VGB 74

Item No.:	Description	Retailer packaging unit/piece
LS	Ladder guard 200 x 120 x 100 mm, 0.7 kg	20 D

Leitersicherung
Dispositif de sécurité pour échelles

Set di sicurezza per scale
Seguro para escaleras





MASC Gutter collet chuck

- > One-piece (no loss of the 2nd part)
- > Sturdy clamp
- > Clean clamping before soldering or riveting gutters or gutter angles
- > Optimum capillary effect

Item No.:	Description	Retailer packaging unit/piece
RSZ25	Gutter collet chuck 25/8 pcs. 260 x 150 mm, 1.0 kg	5 E
RSZ28	Gutter collet chuck 28/7 pcs. 280 x 160 mm, 1.2 kg	5 E
RSZ33	Gutter collet chuck 33/6 pcs. 290 x 190 mm, 1.5 kg	5 E
RSZ40	Gutter collet chuck 40/5 pcs. 330 x 240 mm, 2.0 kg	5 E



Germany Rinnenspannzange Italy Pinza di serraggio per canaline
France Pince de serrage pour gouttières Spain Sargento para canalón

MASC Gutter collet chuck, from the top

- > One-piece (no loss of the 2nd part)
- > Sturdy clamp
- > Clean clamping before soldering or riveting gutters or gutter angles
- > Better tensioning possible from above (roof side)
- > Optimum capillary effect

Item No.:	Description	Retailer packaging unit/piece
RSZ025	Gutter collet chuck, from the top 25/8 pcs. 225 x 150 mm, 1.1 kg	5 E
RSZ028	Gutter collet chuck, from the top 28/7 pcs. 240 x 150 mm, 1.2 kg	5 E
RSZ033	Gutter collet chuck, from the top 33/6 pcs. 270 x 150 mm, 1.4 kg	5 E
RSZ040	Gutter collet chuck, from the top 40/5 pcs. 310 x 150 mm, 1.6 kg	5 E



Germany Rinnenspannzange von oben Italy Pinza di serraggio per canaline dall'alto
France Pince de serrage par le haut, pour gouttières Spain Pinza de fijación superior para canalón

MASC Gutter seam clamp

- > Optimum fit in the gutter thanks to innovative tensioning technology
- > One-piece (no loss of the 2nd part)
- > One-handed, simple operation with quick-release mechanism
- > Better clamping before soldering, straightening or riveting gutters or gutter angles
- > Optimum capillary effect

Item No.:	Description	Retailer packaging unit/piece
RNZ28	Gutter seam clamp 28/7 pcs. 1.15 kg	1 E
RNZ33	Gutter seam clamp 33/6 pcs. 1.4 kg	1 E



Germany Rinnennaht-Zwinge Italy Morsetto per saldatura canaline
France Embout pour couture de chéneaux Spain Tenazas para cordón de canalón

MASC Special firmer chisel with wood rasp

- > Sturdy hardened chisel with plastic handle
- > 30 mm wide
- > Ground on both sides
- > Equipped with a rasp surface to remove unevenness
- > Additionally with a punch for countersinking nails

Item No.:	Description	Retailer packaging unit/piece
SB	Special firmer chisel with wood rasp 340 x 65 mm, 0.5 kg	10 E



Germany Spezial-Stechbeitel mit Holzraspel Italy Scalpello da legno speciale con raspa per legno
France Ciseau spécial pour couvreurs avec râpe à bois Spain Formón de carpintero especial con escofina para madera



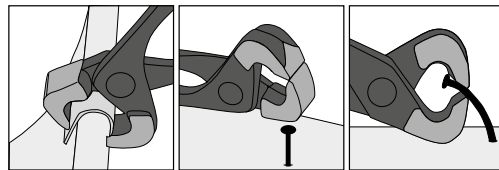
MASC Bead pincers

- > Combination tool: hammer + pliers
- > Excellent lever function for nail pulling
- > Due to the asymmetry, the support spring can be optimally pulled around the bead
- > Ideal for nailing down deck pins
- > Indispensable for gutter installation

Item No.:	Description	Retailer packaging unit/piece
WBZ	Bead pincers 250 x 55 mm, 0.6 kg	5 E



Germany Wulstenbeißzange Italy Tenaglia per grondaia
France Pince multi-usages Spain Tenazas cortaalambres



MASC Rainwater stop

- > Aids for installing rainwater downpipes and soldering work in the gutter
- > Temporary closure or as partitioning during conversion and extension work
- > This enables soldering or assembly work to be carried out even in rainy weather without the need to drain rainwater
- > Fixing the rainwater stop without additional tools (is simply clamped in the gutter using a spring)

Item No.:	Description	Retailer packaging unit/piece
RWS25	Rainwater stop 25 130 x 75 mm, 0.2 kg	10 G
RWS28	Rainwater stop 28 155 x 90 mm, 0.25 kg	10 G
RWS33	Rainwater stop 33 175 x 100 mm, 0.3 kg	10 G
RWS40	Rainwater stop 40 215 x 130 mm, 0.4 kg	10 G



Germany Regenwasser-Stopp Italy Blocco per acqua piovana per canaline
France Dispositif de rétention des eaux Spain Stop para aguas pluviales



MASC Battery-powered gutter support inlet mill Biber and electric gutter support inlet mill Biber

1 Battery-powered gutter support inlet mill Biber

- > MASC gutter support inlet mill machine incl. battery, charger and case
- > Quick and clean milling for countersinking the gutter supports
- > Height-adjustable by means of galvanised slide shoe 6 or 8 mm

2 Electric gutter support inlet mill Biber

- > Quick and clean milling for countersinking the gutter supports
- > Height-adjustable by means of galvanised slide shoe 6 or 8 mm
- > 850 watts with constant electronics
- > 220 Volt
- > Dust-protected motor
- > Cable length: 4 metres
- > with soft start and overload protection

Item No.:	Description	Retailer packaging unit/piece
RTEF	Battery-powered gutter support inlet mill Biber incl. 2 lithium-ion batteries (3.0 Ah, Li 28 V), charger and case, 420 x 170 x 150 mm, 3.95 kg	1 C
RTEFG	Battery-powered gutter support inlet mill Biber Basic device, without battery, charger and case 300 x 145 x 160 mm, 3.1 kg	1 C
RTEFG-t	Battery-powered gutter support inlet mill Biber "deep" Basic device for milling depth 8-18 mm, without battery, charger and case	1 C
RTEFE	Electric gutter support inlet mill Biber 340 x 170 x 150 mm, 2.90 kg	1 C
RTEFK	Case for battery-powered gutter support inlet mill Biber 475 x 180 x 360 mm, 3 kg	1 C
RTEFA	Battery for battery-powered gutter support inlet mill Biber Lithium-Ion, 3.0 Ah, Li 28 V 130 x 90 x 85 mm, 1 kg	1 C
RTEFL	Charger for battery-powered gutter support inlet mill Biber 210 x 155 x 95 mm, 0.8 kg	1 C
EM	Spare reversible blade for gutter support inlet mill 4 pieces (1 set) on carbide base, 0.07 kg	10 E



Akku-Rinnenträgereinlaßfräse Biber und Elektro-Rinnenträgereinlaßfräse Biber
Fraiseuse Biber avec batterie (1) /Fraiseuse électrique Biber (2) pour supports des gouttières
Fresa a batteria (1) / Fresa elettrica (2) per l'inserimento dei ganci per grondaia Biber
Fresa para soportes de canalones con batería Biber (1) / batería eléctrica Biber (2)

MASC Battery-powered gutter support inlet mill Biber II

- > **Chip ejection to the rear!** Variably adjustable to the front, rear or front and rear
- > Milling depth **steplessly** adjustable between 6 and 10 mm
- > Milling width is 34 mm
- > Milling head can be rotated 180° in relation to the machine body **for optimised work depending on the roof pitch**

- > Hikoki basic device
- > Brushless motor
- > '2 in 1 battery' 36 V with 2.5 Ah and 18 V with 5 Ah
- > Power at the cutterhead, adjustable over 6 levels depending on the load
- > Coarser or finer chip ejection
- > Battery quick-charging station (approx. 20 min). Supplied with a rechargeable battery

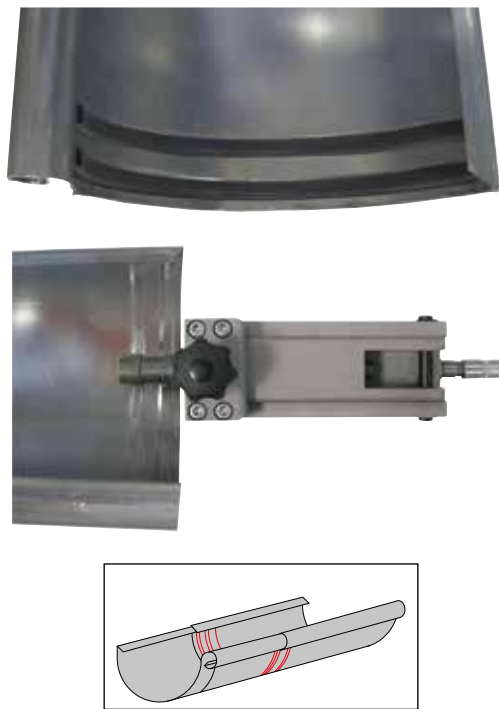


Item No.:	Description	Retailer packaging unit/piece
RTEFH	Gutter support inlet mill supplied in a case with 1 battery each 36 volt 2.5 AH (Multi-volt 36V/18V) Charger, punch, Torx T-handle, Allen key	1 C
BSL36A18	Battery for gutter support inlet mill type RTEFH	1 C
UC18YSL3	Charger for gutter support inlet mill type RTEFH	1 C
KSCIII	Case for gutter support inlet mill type RTEFH	1 C
EM	Spare reversible blade for gutter support inlet mill 4 pieces (1 set) on carbide base, 0.07 kg	10 E
EMH	Spare reversible blades for gutter support inlet mill 6 pieces (1 set) on carbide base	10 E
GF	Anti-adhesive spray 400 ml can Gleitfix 400 ml. Spray can for dry lubrication	10 E



Akku-Rinnenträgereinlaßfräse Biber II
Fraiseuse Biber II pour supports des gouttières
Fresa per l'inserimento dei ganci per grondaia Biber
Fresa para soportes de canalones Biber II





MASC Grooved connector system

- > New, innovative process for watertight connection of gutters in accordance with DIN EN 612
- > Gutter size-independent system for use without additional connection aids (gutter connectors)
- > Reliable and flexible solution for connecting gutters made of special materials such as aluminium-coated, Tecu-Platina and oxide, crimped zinc, pre-weathered titanium zinc, quartz or anthracite
- > Creation of two recesses using a special tool at the end of the gutter for inserting a special lip sealing profile

Item No.:	Description	Retailer packaging unit/piece
RVS	Grooved connector system Consisting of: 1 x hand former and 10 running metres. Profile seal 220 x 50 x 60 mm, 1.3 kg	1 D

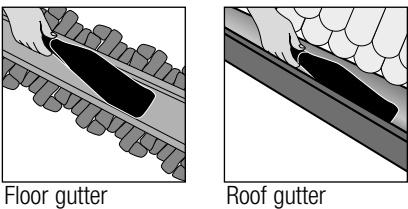
Item No.:	Description	Retailer packaging unit/piece
PD	Profile seal 10 running metres p. roll	10 I

Rinnen-Verbindungs-System Sistema di collegamento canaline
 Système de raccords de gouttières Sistema de unión de canalones



MASC Gutter shovel

- > For cleaning gutters
- > Semi-circular scoop body
- > Adapts to the shape of the gutter



Item No.:	Description	Retailer packaging unit/piece
RSK	Plastic gutter shovel 410 x 80 x 105 mm, 0.15 kg	10 E

Rinnenschaukel Pala per canaline
 Pelle à gouttière Pala de canalones



MASC Gutter shovel

- Telescopic handle extendable up to 1.35 m
- > Makes constant moving of the ladder superfluous
- > Adjustable inclination
- > Telescopic handle adjustable between 85 and 140 cm
- > Sturdy and high-quality design

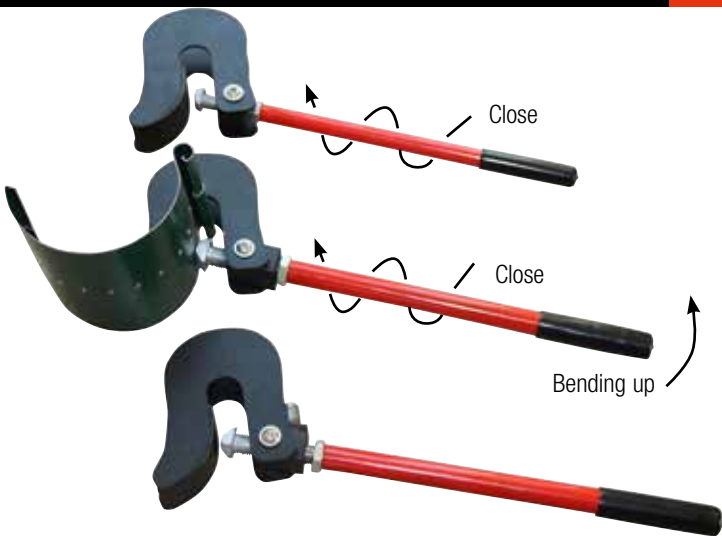
Item No.:	Description	Retailer packaging unit/piece
RH	Gutter shovel Telescopic arm extendable up to 1.40 m	5 E

Rinnenhelfer Ausilio di pulizia per canaline
 Pelle à gouttière Pala de canalones



MASC Gutter lift

- Select the optimum gutter lift for your application (beam type).
- > Gutter lift for aligning the gutter.
- > Can be aligned both upwards and downwards
- > For different thicknesses and models of carriers
- > Can be used individually, self-clamping



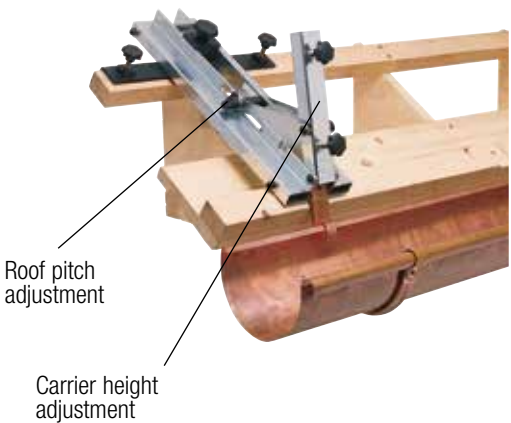
Item No.:	Description	Retailer packaging unit/piece
REHS	Gutter lift standard for gutter bars up to max. 30 x 5 mm	1 D
REHV	Gutter lift Reinforced for gutter bars from 30 x 5 mm, strong design	1 D
REHVO	Gutter lift Reinforced from above Strong design, handle can be converted for use from above	1 D
REHAS	Attachment shoe for gutter lift 140 x 60 x 85 mm, 0.75 kg	1 D

Rinneneisenheber Utensile di rimozione ganci canaline
 Outil de remise à niveau de la gouttière Elevador de canalón



MASC Easy gutter adjustment

- > For simple hooking into the battens
- > Quick and easy adjustment of the gutter or gutter line
- > Can be used as a 'third hand' on difficult roof intersections
- > Time-saving adjustment of the ideal slope point at the gutter outlet
- > The gutter can be completely adjusted to the building with several anchorage aids
- > Particularly suitable for gutter installation by one installer



Item No.:	Description	Retailer packaging unit/piece
RAH	Easy gutter adjustment 400 x 300 x 120 mm, 3.5 kg	1 E
RAH40	Easy gutter adjustment for 40 mm wide beams 400 x 300 x 120 mm, 3.5 kg	1 E

Rinnenanschlaghilfe Ausilio per collocazione canalina
 Outil pour poser les gouttières Ayuda de tope para canalones





MASC Soldering seam cleaner

- > No more unclean soldering seams... and no more soldering water running away
- > No more soldering water damage!

Item No.:	Description	Retailer packaging unit/piece
LNR100	Soldering seam cleaner 100 ml, in spray bottle	10 E
LNR500	Soldering seam cleaner 500 ml, in spray bottle	10 E
LNR1000	Soldering seam cleaner 1000 ml, refill bottle	10 E



Germany *Lötnahltreiniger* Italy *Detergente per cordoni di brasatura*
France *Produit nettoyant de cordes de brasage* Spain *Limpiador para cordones de estañado*



MASC Metal Cleaning Devil Set

- > Cleaning disc with mandrel for clamping in a drill
- > For efficient cleaning of oxidised metal surfaces and solder seam preparation
- > For cleaning soldered seams and removing excess tin from soldered seams
- > Replacement discs available individually and can be replaced as required

Item No.:	Description	Retailer packaging unit/piece
BPT	Blechputzteufel [Metal cleaning devil set] Consisting of: 1 x mandrel, 3 x cleaning discs 100 x 12 mm	1 D
RS	Cleaning disc 100 x 12 mm	10 D



Germany *Blechputzteufel-Set* Italy *Set di spazzole metalliche tonde per pulizia lamiera*
France *Kit diable de nettoyage des tôles* Spain *Kit para limpiar hojalata*



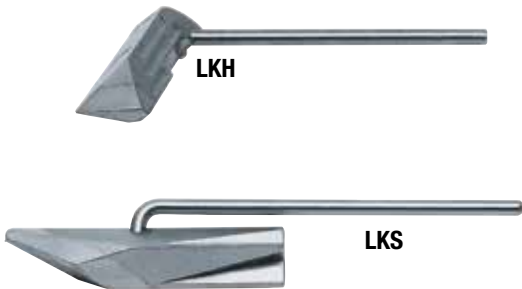
MASC Soldering iron special and standard 325 g

- > Faster temperature absorption
- > Very good temperature retention, therefore longer heat retention capacity
- > No scale deposits on the surface
- > Low gas consumption
- > Solder consumption is reduced due to better heat exchange with the sheet metal
- > Re-filing and re-forging are completely eliminated
- > The design is adapted to daily plumbing work
- > Clean with a damp cloth

Item No.:	Description	Retailer packaging unit/piece
LKH	Soldering iron hammer piece special 325 g	10 G
LKS	Soldering iron tip special 325 g	10 G



Prices are subject to the current metal quotation.
Germany *Lötkolben Spezial und Standard 325 g* Italy *Saldatore speciale/standard 325 g*
France *Fer à souder spécial et standard, 325 g* Spain *Soldador especial/estándar 325 g*



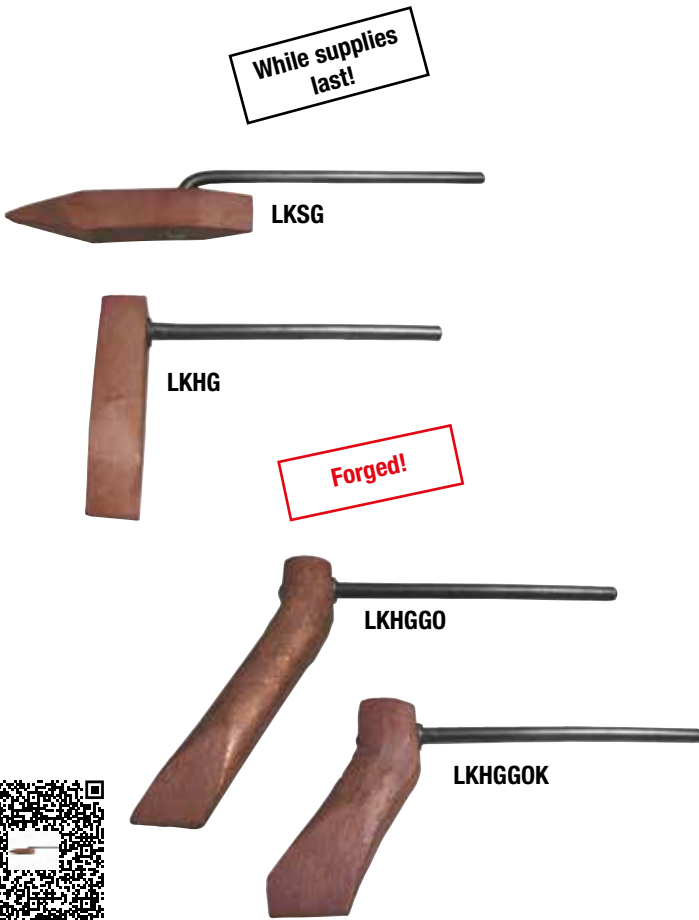
MASC Soldering iron copper piece

- > Soldering iron copper piece for commercially available handles

Item No.:	Description	Retailer packaging unit/piece
LKSG 250	Soldering iron tip forged, 250g	1 G
LKSG 300	Soldering iron tip forged, 300g	1 G
LKSG 350	Soldering iron tip forged, 350g	1 G
LKSG 500	Soldering iron tip forged, 500g	1 G
LKHG 250	Soldering iron hammer piece forged, 250g	1 G
LKHG 350	Soldering iron hammer piece forged, 350g	1 G
LKHG 500	Soldering iron hammer piece forged, 500g	1 G
LKHGGO 350	Soldering iron hammer piece forged, cranked oval, 350g	1 G
LKHGGOK 350	Soldering iron hammer piece forged, offset short form, 350g	1 G
LKHGGOK 500	Soldering iron hammer piece forged, offset short form, 500g	1 G

Prices are subject to the current metal quotation.

Germany *Lötkolbenkupferstück geschmiedet* Italy *Saldatore con punta in rame speciale/standard 325 g*
France *Embout forgé de fer à souder en cuivre* Spain *Soldador especial/estándar 325 g*



MASC Tinning cleaning stone in a can



Smoke-free cleaning and simultaneous pre-tinning
A lot of smoke for nothing was yesterday!

- > Cleaning of copper pieces without the development of toxic acid fumes
- > Cleaning and pre-tinning of the copper pieces in a single operation
- > Longevity of the cleaning stone due to its special composition
- > Practical storage in a robust metal box

Item No.:	Description	Retailer packaging unit/piece
ZIBLI	Tinning cleaning stone in a can diameter 80 mm, height: 25 mm, 0.15 kg	1 E



Germany *Zinn-Reinigungsstein in der Dose* Italy *Pietra per pulizia dello stagno in barattolo*
France *Pierre de nettoyage pour le zinc en boîte* Spain *Piedra limpiadora para estaño, en lata*





-Customisable-
Even with your logo

MASC Bottle with soldering fluid with drain-off stop

- > No leakage of the contents if the opened bottle falls over
- > No soldering water damage on metal sheets due to spillage
- > Available in various colours

Item No.:	Description	Retailer packaging unit/piece
LFBA	Bottle with soldering fluid blue with spout stop, 65 x 65 x 95 mm, 0.05 kg	50 G
LFGA	Bottle with soldering fluid yellow with spout stop, 65 x 65 x 95 mm, 0.05 kg	50 G
LFRA	Bottle with soldering fluid red with spout stop, 65 x 65 x 95 mm, 0.05 kg	50 G
LFSA	Bottle with soldering fluid silver with spout stop, 65 x 65 x 95 mm, 0.05 kg	50 G



🇩🇪 Lötwasserfläschchen mit Auslaufstopp 🇮🇹 Flaconcini acqua di saldatura con antigoccia
🇫🇷 Flacon d'eau à souder avec arrêt d'écoulement 🇪🇸 Botellita de agua de soldadura, con tapón



-Customisable-
Even with your logo

MASC Bottle with soldering fluid with brush and drain-off stop

- > No leakage of the contents if the opened bottle falls over
- > No soldering water damage on metal sheets due to spillage
- > Brush in the lid for precise application of soldering fluid

Item No.:	Description	Retailer packaging unit/piece
LFBAP	Bottle with soldering fluid blue 65 x 65 x 95 mm, 0.06 kg	50 G
LFGAP	Bottle with soldering fluid yellow 65 x 65 x 95 mm, 0.06 kg	50 G
LPK	Replacement brushes Plastic	50 J
LPK140	Plastic soldering brush (not suitable as a replacement brush) Length: 140 mm	50 J



🇩🇪 Lötwasserfläschchen mit Pinsel und Auslaufstopp 🇮🇹 Flaconcini acqua di saldatura con pennello e antigoccia
🇫🇷 Flacon d'eau à souder avec pinceau et arrêt d'écoulement 🇪🇸 Botellita de agua de soldadura con pincel y tapón



MASC Bottle with soldering fluid set

- > consisting of:
 - 1 x LFROA Bottle with soldering fluid red
 - 1 x LFGOA Bottle with soldering fluid yellow
 - 1 x LFSOA soldering water bottle silver
 - 1 x LFBOA soldering water bottle blue
 - 1 x sticker set

Item No.:	Description	Retailer packaging unit/piece
LFS	Bottle with soldering fluid set Without spill stop	1 G
LFSMA	Bottle with soldering fluid set with spill stop	1 G
ASL	Sticker set for LFS/LFSA 4 pcs.	1 G



🇩🇪 Lötwasserfläschchen-Set 🇮🇹 Set di flaconcini acqua di saldatura
🇫🇷 Jeu de flacons d'eau à souder 🇪🇸 Botellita de agua de soldadura (con pincel) y tapón

MASC Soldering fluid brush

- > Extra narrow brush for soldering water bottles, also with spill stop
- > Bristle width 9 mm



While supplies last!

Item No.:	Description	Retailer packaging unit/piece
LP	Soldering fluid brush metal 120 mm long	25 J
LP150	Soldering fluid brush metal 150 mm long	25 J
LPK	Soldering fluid brush plastic 85 mm long	25 J
LPK140	Soldering fluid brush plastic 140 mm long	25 J



🇩🇪 Lötwasserpinsel 🇮🇹 Pennello per acqua di saldatura
🇫🇷 Pinceau pour eau à souder 🇪🇸 Pincel para agua de soldadura

MASC Soldering box – Aluminium/V₂A

- > Compact carrying case for soldering assortment
- > Precisely fitting compartments for soldering iron, solder, bottle with soldering fluid (V₂A container), soldering brush
- > Lightweight aluminium construction with balanced carrying handle



Item No.:	Description	Retailer packaging unit/piece
LKK	Soldering box for 2 bottles with soldering fluid, bottle shape, 370 x 245 x 230 mm, 1.7 kg	4 D



🇩🇪 Lötkiste Alu/V₂A 🇮🇹 Cassetta per saldatore Alno / V₂A
🇫🇷 Boîte à souder en aluminium/V₂A 🇪🇸 Caja para soldador – alumino / V₂A

MASC Plumber's pencil

- > Special graphite lead for smooth surfaces
- > Painted red, available with your company logo on request (price on request)
- > Approx. 24 cm long



Item No.:	Description	Retailer packaging unit/piece
MKS	MASC Plumber's pencil 24 cm long	10 I
MKSB	MASC Printed plumber's pencil 24 cm long	10 I



🇩🇪 Klempnerstift 🇮🇹 Matita per idraulici
🇫🇷 Crayon de couvreur 🇪🇸 Lápiz de fontanero

-Customisable-
Even with your logo

MASC Long-hole pliers

- > Quick and one-handed punching of slotted holes in eaves sheets, longitudinal covers, angle connections etc. that have to be loosely nailed with deck pins due to linear expansion
- > Eliminates the need for pre-sliding plates and adhesion
- > Automatic stripping of the punched sheet from the punch by a return spring

Limit values

Aluminium	up to 1.0 mm
Copper	up to 0.7 mm
Zinc	up to 0.8 mm
Steel	up to 0.6 mm
Stainless steel	up to 0.5 mm

Item No.:	Description	Retailer packaging unit/piece
LLZ	Long-hole pliers 235 x 64 x 33 mm, 0.5 kg	1 E

Langlochzange Pinza punzonatrice
Pince perforatrice à trous longitudinaux Pinzas para agujeros alargados

MASC Manual punch

- > Manual punch with interchangeable punch (3.3/4.2/4.9/6.2 mm)
- > Depth stop up to 43 mm

Item No.:	Description	Retailer packaging unit/piece
HLS	Manual punch incl. stamps 3.3 - 4.2 - 4.9 and 6.2 mm, 150 x 280 mm, 1.1 kg	1 E

Handlochstanze Pinza punzonatrice a mano
Poinçonneuse Punzonadora manual

MASC Plumber's steel square

- > Galvanised steel bevel with graduation and measuring scale.

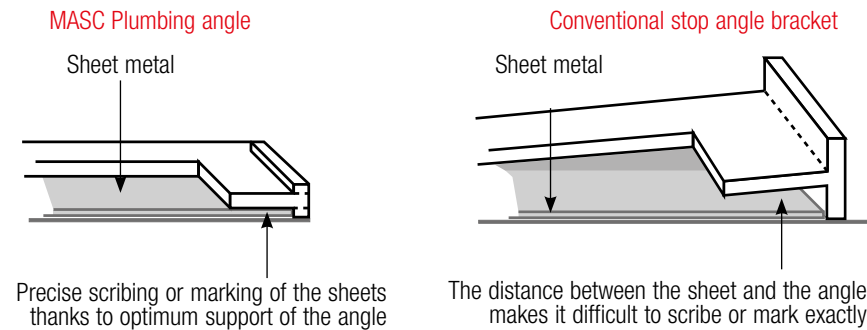
Item No.:	Description	Retailer packaging unit/piece
KS	Plumber's steel square with graduation and measuring scale, 250 mm long, 0.5 kg	1 F

Klempnerschmiege Squadra
Fausse équerre de couvreur Escuadra de fontanero

MASC Plumber square

for thin and heavy plates

- > Galvanised steel bracket with special, flat stop
- > Enables precise positioning of all metal sheets on the workbench and workshop floor
- > No slipping, thanks to precise support on the sheet metal on the workbench and workshop floor



Item No.:	Description	Retailer packaging unit/piece
KW35	Plumber square 350 x 180 mm, 0.6 kg	2 E
KW60	Plumber square 600 x 330 mm, 1.0 kg	2 E
KW105	Plumber square 1050 x 500 mm, 2.0 kg	2 E

Klempnerwinkel Squadra per idraulici
Équerre de couvreur Codo de fontanero

MASC "MAXi" marking template

- > Made of 1.5 mm thick stainless steel
- > Dimensional scale 5 mm
- > Range of dimensions from 5 mm - 200 mm
- > Incl. crimped bending points for creating profile sections incl. suspension hole.

Item No.:	Description	Retailer packaging unit/piece
ASM	"MAXi" marking template	10 E

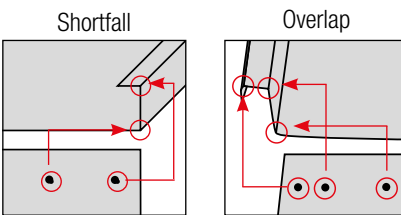
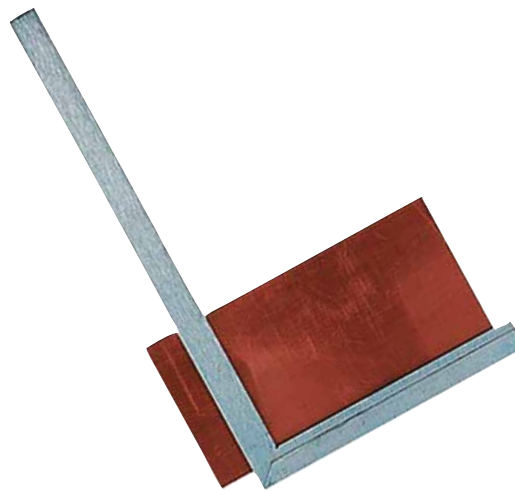
Anreißschablone „MAXi“ Dima di tracciatura „MAXi“
Gabarit de traçage « MAXi » Plantilla troquelada «MAXi»

MASC Centring pliers

- > For precise and fast marking (centre punching) of the bending points on sheet metal panels in the angle crimping system
- > All bending points of the underlap or overlap are created with one press
- > Any adjustment of the centre points via scaling on the pliers
- > No need for time-consuming scribing and turning of the sheets on both sides
- > Efficient working by combining several work steps during marking

Item No.:	Description	Retailer packaging unit/piece
AKZ	Centring pliers incl. 3 centre punch tips, scale and foldable Stop, 220 x 80 x 35 mm, 0.275 kg	1 D

Ankörnzange Bulino segna centro
Pince à centrer Tenaza de punzonado



MASC Mitre box with bending device for Prefa sidings 200 mm

- > Mitre box with integrated bending device for sidings
- > For the production of corner formations and finishes
- > Right-angled cuts
- > Mitre cuts
- > By simply repositioning, even corner formations and finishes can be produced with this device
- > Workshop and construction site equipment

Item No.:	Description	Retailer packaging unit/piece
SLB	Mitre box with bending device 500 x 320 x 210 mm, 11.85 kg	1 D
BSSL	Hacksaw for mitre box 830 x 15 x 240 mm, 0.90 kg	1 B

Schneidlade Cassetta tagliacornici
 Tiroir de coupe Guía de corte



MASC Compression and stretching device

Compression and stretching with one device

- > Easy replacement of the tool inserts
- > Can be used universally in the workshop and on construction sites
- > For round cornices and dormers
- > Can be used with hand lever directly on the roof

Item No.:	Description	Retailer packaging unit/piece
SSW	Compression and stretching device complete, 5 up to 45 mm up to 1 mm sheet steel, 150 x 140 mm, 5.4 kg	1 E

Accessories for workshop and construction site

FS	Foot stand for SSW 730 x 200 x 200 mm, 8.3 kg	1 B
HH	Hand lever for SSW 560 x 15 mm, 1.5 kg	1 B
STREW	Stretching tool insert	1 B
STAUW	Compression tool insert	1 B

Stauch- und Streckgerät Dispositivo per ricalcatura e stiramento
 Dispositif de refoulement et d'étirage Recanteador y enderezador



MASC Drawing and construction helping device

- > For creating an unwind, thus saving a considerable amount of time compared to the conventional graphical unwinding method
- > No technical drawing knowledge of bodies required for unwinding
- > Easy to use even by people with no drawing experience
- > Errors in processing almost impossible
- > The most complicated processes can be easily realised
- > Centre rod can be extended using tubular or round material (threaded rod)
- > Cut-outs for the body base plates are not included in the delivery programme (please cut them out yourself from offcuts depending on the shape)

Item No.:	Description	Retailer packaging unit/piece
AWH	Drawing and construction helping device 370 x 100 x 45 mm, 1.5 kg	1 C

Abwickelhilfe Ausilio di svolgimento
 Dérouleur Auxiliar para devanadora



MASC Sheet metal chisel

- > For hammering and slitting sheet metal
- > With protective rubber handle
- > Enables precise hammering into chimney covers, ventilation ducts, gutters and pipes

Item No.:	Description	Retailer packaging unit/piece
BM	Sheet metal chisel 260 x 90 mm, 0.4 kg	1 E

Blechmeißel Scalpello per lamiera
 Ciseau pour le travail des tôles Escoplo de chapa

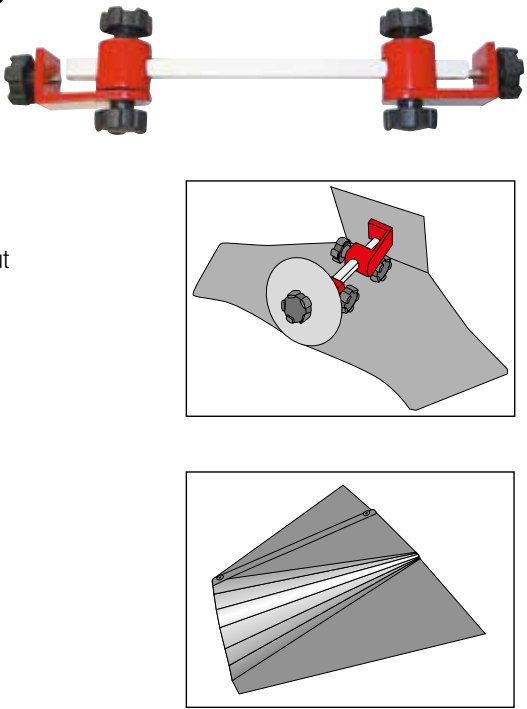


MASC Shaving chisel made of plastic

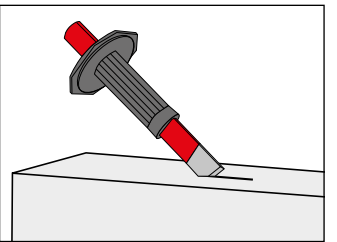
- > Prevents damage to coated materials such as colour-coated aluminium, pre-weathered zinc, crimped zinc, pre-patinated copper, etc.
- > Good handling due to long handle
- > For 10 mm ready crimp

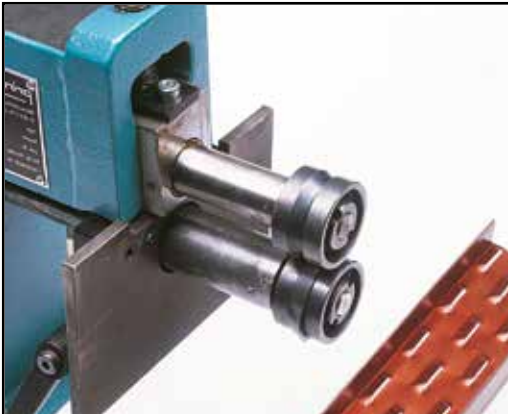
Item No.:	Description	Retailer packaging unit/piece
FMK	Shaving chisel made of plastic 175 x 80 x 30 mm, 0.70 kg	1 E

Falzmeißel aus Kunststoff Scalpello in plastica
 Burin à feuillure en PVC Cíncel raspador de plastic



Sheet metal channel

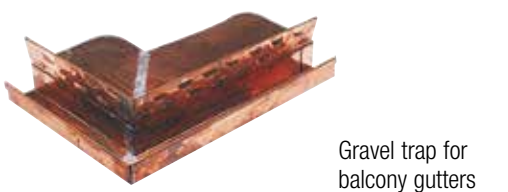




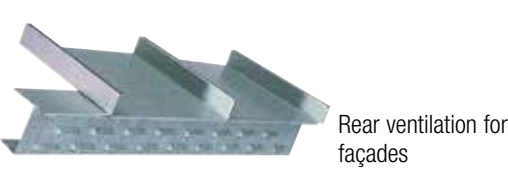
MASC Longitudinal slot rolls enable uniform and equally deep cut-outs without time-consuming measuring and marking.



MASC Longitudinal slot rolls DUO produce double-row, even cut-outs with a consistently uniform offset pattern



Gravel trap for balcony gutters



Rear ventilation for façades



Chimney ventilator

MASC Long slotted rollers

for ventiducts and for water outlet apertures

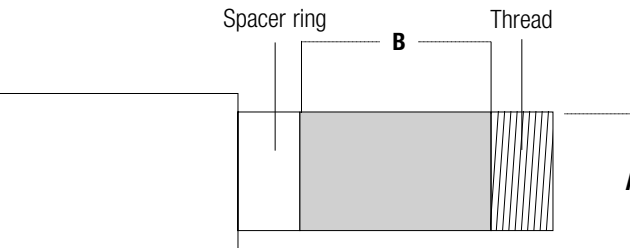
MASC Standard longitudinal slot rolls to German industry standard, suitable for almost all commercially available beading machines with manual or motorised operation.

For the efficient production of longitudinal ventiducts and outlet apertures on sheet metal strips of all kinds, rear ventilation openings on chimney panelling, gravel stop strips in the balcony and flat roof area, other ventilation slots in the plumbing, flat roof and ventilation construction area.

- > Independent further transport of the sheet by operating the crank handle
- > Even spacing of the rows of ventiducts slots
- > Multi-row installation of the ventiducts slots: offset or parallel one above the other
- > Special designs for older machines are available on request. Ask for our dimensional data sheet

Limits:

Aluminium	up to 1.0 mm	Steel	up to 0.6 mm
Copper	up to 0.8 mm	Stainless steel	up to 0.5 mm
Zinc	up to 0.8 mm		



Shaft length/B	12 mm	16 mm	18 mm	20 mm	25 mm	32 mm
Shaft length/A						
18 mm	18/12			18/20		
20 mm				20/20	20/25*	
24 mm						24/32
26 mm						26/32*

* also available as a long slotted roller duo

Item No.:	Description	Retailer packaging unit/piece
LSW	Long slotted roller approx. 0.4 kg (Specify dimensions from table when ordering!)	1 E
LSWD	Long slotted roller Duo approx. 0.4 kg (specify dimensions from table when ordering!)	1 E

- Langschlitzwalzen für Lüftungs- und Wasserablauf-Öffnungen
- Galet de ventilation pour fentes longues (grilles d'aération ou pour écoulement des eaux)
- Cuscinetti a fessure longitudinali per aperture di aerazione e scarico acqua
- Cilindro de rendija longitudinal para las aberturas de ventilación y drenaje de agua

MASC Precision manual punch XS

MASC Precision manual punch XS - the strong workshop and construction site tool with extensive accessories.
Individual and universal expansion options for the optimal design of your required profile and fulfilment of your needs.

- > Optimum hand tool for small series and customised products
- > For the efficient production of slotted and round holes and ventiducts slots
- > Flexible use both in the workshop and on the construction site
- > Universal and individually expandable accessories
- > Constant punching performance thanks to high-precision punch guidance
- > Individual alignment of the stamps through 360° mounting
- > Basic device with hand lever and weight as well as punch holder

Item No.:	Description	Retailer packaging unit/piece
XS	Precision manual punch for thin sheets -basic unit-	1 B
XG	Base plate with screws	1 B
XN	Simple hold-down device	1 B
XNV	Adjustable hold-down device	1 B
XA	Simple stop	1 B
XAT	Stop table system	1 B
XAS	Waste drawer	1 B

Limits:

For detailed information on load limits depending on the factors, punch geometry / material strength / material thickness, please visit www.masc-werkzeug.de or call our specialists.

Item No.:	Description	Retailer packaging unit/piece
XSTR 3.3	Stamp round 3.3 mm	1 B
XSTR 6.5	Stamp round 6.5 mm	1 B
XSTL 3.5 x 17	Stamp oblong hole	1 B
XSTL 5 x 15	Stamp oblong hole	1 B
XSTL 6.5 x 30	Stamp oblong hole	1 B
XMR 3.3	Mould round	1 B
XMR 6.5	Mould round	1 B
XML 3.5 x 17	Mould slotted hole	1 B
XML 5 x 15	Mould slotted hole	1 B
XML 6.5 x 30	Mould slotted hole	1 B
XSS	Slot punch	1 B
XSM	Slotted die	1 B

Application examples:

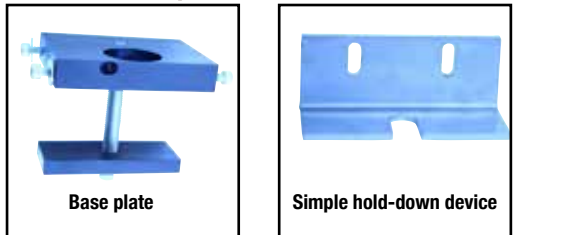


- Präzisions-Handloch-Stanze
- Punzonatrice a mano di precisione
- Dispositif de refoulement et d'étréage
- Troquel manual de precisión



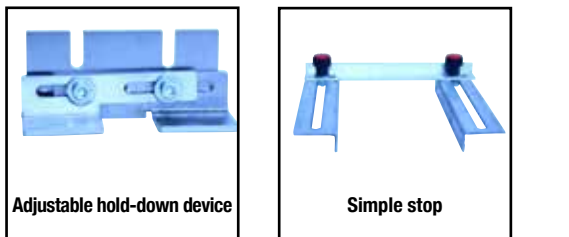
Stamps & dies

While supplies last!



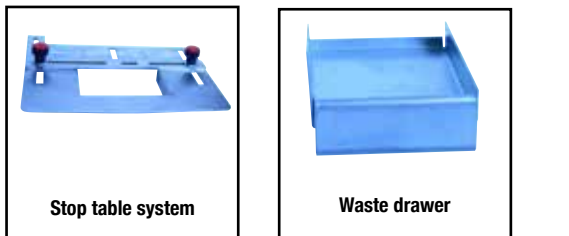
Base plate

Simple hold-down device



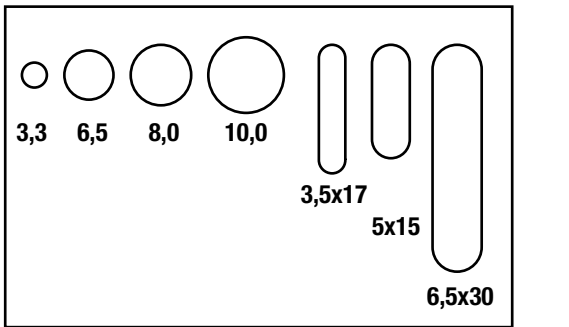
Adjustable hold-down device

Simple stop



Stop table system

Waste drawer






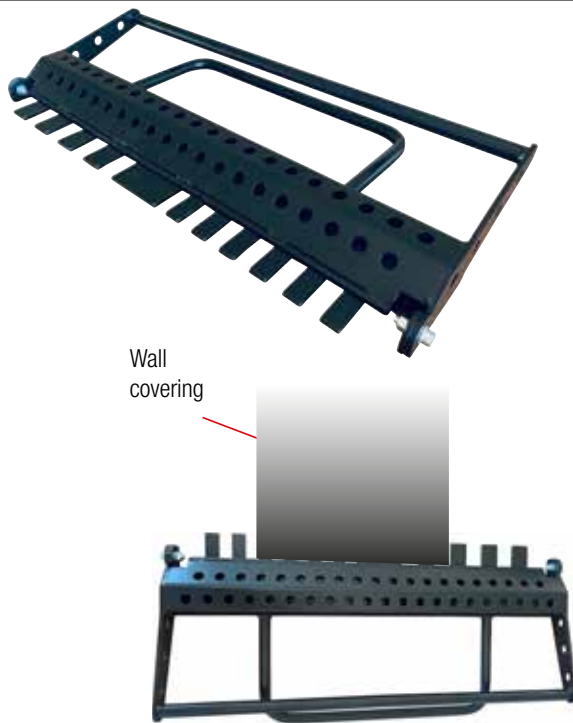
Stamps & dies

MASC Retaining bracket screwdriver

Retaining bracket screwdriver for 5.0 x 35 mm screws

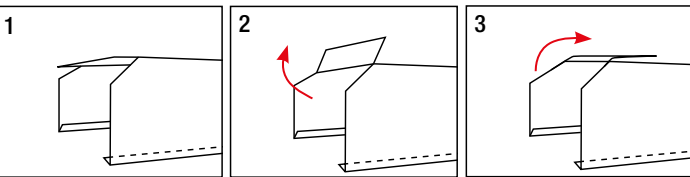
- > For highly efficient fastening of retaining brackets for wall covers
- > Suitable for almost all commercially available systems
- > Precise screwing and easy handling
- > Fixing screws with ETA approval
- > For magazined fully threaded fastening screws 5.0x35 mm, 50 pcs.
- > Makita battery system Li-Ion 18V/ 5.0 Ah

Item No.:	Description	Retailer packaging unit/piece
HBS	Retaining bracket screwdriver , for 35 mm screws. Makita-based, 18V/ 5.0 Ah in case, with 2x batteries and charger	1  B
HBSG	Basic bracket screwdriver , for 35 mm screws. Makita-based, 18V/ 5.0 Ah in case, without batteries and charger!	1  B
HBSA	Retaining bracket screwdriver attachment , for 35 mm screws. Retaining bracket screwdriver attachment for 5.0 x 35 mm screws. For Makita DSF250, 18V/ 5.0 Ah without drive unit, batteries and charger!	1  B





MASC Vario bender 600 mm

- > Wall connection bender for upturning sliding connections
- > For all widths up to max. 600 mm
- > 2 in 1: bender and closer in one mould
- > Maximum insertion depth of 40 mm
- > Practical for construction sites and workshops
- > Versatile use for various edging jobs



Item No.:	Description	Retailer packaging unit/piece
VB600	Vario bender 600 mm	1  C

 Variobieger 600mm
 Cintrouse Vario 600 mm

 Piegatrice Vario 600 mm
 Plegadora Vario 600 mm





MASC “Rauscher” model mounting bar

- > For the assembly and disassembly of wall covers, panelling, etc.
- > Existing covers can be opened gently

Item No.:	Description	Retailer packaging unit/piece
MER	“Rauscher” model mounting bar 250 x 60 x 40 mm, 0.45 kg	5  E

 Montageeisen „Modell Rauscher“
 Fer de montage « Modèle Rauscher »

 Barra di montaggio „Modello Rauscher“
 Util de montaje «modelo Rauscher»



MASC Beam notching template ‘Kerby’

Notch template for creating recesses between longitudinal and transverse beams that run at an angle to each other, e.g., roof beams and purlins

- > Simple and precise measurement and transfer of the angle at the support point from roof beams to base, centre and ridge purlins
- > Results in a precisely harmonised notch connection between roof beams and purlins
- > Sign template made of durable aluminium composite material
- > Permanently integrated angle scale from 0° - 90°
- > In handy pocket format

Further information:




Item No.:	Description	Retailer packaging unit/piece
BKS	Beam notching template ‘Kerby’ 165 x 115 x 2 mm	1  E

 Balken Kerbschablone „Kerby“

 Dima di intaglio per travi “Kerby”

 Gabarit d'encoche de barres « Kerby »

 Plantilla curva «Kerby»



MASC Panicle belt tensioning system ‘Emma’

Flexible system for securely tensioning panicle belts of all standard dimensions.


- > Safe tensioning of panicle belts
- > No additional elements required for permanent installation
- > Easy handling even in confined spaces
- > Easy to use



Item No.:	Description	Retailer packaging unit/piece
RBSS	‘Emma’ panicle belt tensioning system 200 x 200 x 100 mm, 2.2 kg	1  E

 Rispenband-Spannsystem „Emma“

 Sistema di tensionamento della cinghia perforata “Emma”

 Système de serrage de bande perforée « Emma »

 Sistema de sujeción de cinta paniculada «Emma»

DF DACHFREUNDE®

Best for roofers



MASC makes market innovations. MASC makes DACHFREUNDE!

In future, we will be bundling our market innovations under the Dachfreunde label. We want to emphasise what is already a reality for many of our customers: team spirit on the roof. Because whether you're a plumber, tinsmith, plasterer, roofer or carpenter - when it comes to the roof, it's all about them! Things only run smoothly when the trades work hand in hand.

That's why in future we want to present you with premium products under the DACHFREUNDE label that will make your work on the roof easier and more enjoyable. Developed by and with you - as always, innovative and of the highest quality.

Look forward to many new products and all kinds of practical things for roofers!



MASC Professional bag - the tool bag for specialists

Professional bag from MASC. Specially designed to meet the requirements of professional and gentle metal processing. as an unloaded roll-up bag for customised loading. The professional bag - always the right choice!

Co-developed and recommended by PREFE Application Technology.

Set consisting of:

- > Soft-face mallet with hickory handle 30 mm (101202)
- > Round-hole shears 250 mm, right (267701)
- > Round-hole shears 250 mm, left (267702)
- > MASC Ideal snips with graduation, right (BSR)
- > MASC Ideal snips with graduation, left (BSL)
- > Right-hand feed-through shears, PVC insulated 350 mm (269011)
- > Crimping pliers 45°, PVC insulated, box joint, 20 mm (283001R)
- > Crimping pliers 45°, PVC insulated, box joint, 60 mm (282102R)
- > Crimping pliers 90°, PVC insulated, box joint, 60 mm (282201)
- > Crimping pliers PVC insulated, box joint, 80 mm (282801R)
- > Round nose pliers PVC, box joint, without serration, 260 mm (281012)
- > Long-hole pliers (LLZ)
- > Plastic shaving chisel (FMK)
- > Metal-nibble tool (BK1/II)
- > Crimping piece PE, white, prism 25 and 35 mm (278801)
- > Locksmith's hammer with fibreglass handle 2 K, 300 gr (100306)
- > Cross-tailed hammer 375 g (KSH)
- > Carabiner
- > Roll-up pocket (RTP)

CUSTOMISABLE!

Item No.:	Description
PPT	Professional bag incl. tools the tool bag for specialists
RTP	Professional bag excl. tools bag without tools

Profitasche Borsa professionale
Sacoche professionnelle Bolsa para profesional

MASC Plumber's tool case

Optimum basic equipment for gentle sheet metal processing

- > The right tools are always ready to hand in the robust PREFE case.
- > In co-operation with the companies MASC and Prefa, we have put together this tinsmith case.
- > Here you can expect a range of tools specially tailored to the needs of gentle aluminium machining, which forms a solid basis for both beginners and professionals.

Contains:

- > Soft-face mallet (M101203)
- > Long-hole pliers (LLZ)
- > Plastic shaving chisel (FMK)
- > Metal-nibble tool (BK1)
- > MASC Pleating pliers (MFZ)
- > Crimping pliers 45°, PVC handle Nirolook 60 mm (M282151KU)
- > Crimping pliers, PVC handle Nirolook 60 mm straight (M282051KU)
- > Cross-tailed hammer plastic 375 g (KSHK)
- > Crimping pliers 45°PVC insulated, inserted, 20 mm (M283001)

Item No.:	Description	Retailer packaging unit/piece
PKKH	Prefa plumber's case with tools 520 x 410 x 110 mm, 7 Kg	1 A

Klempnerwerkzeugkoffer Cassetta attrezzi da idraulico
Mallette à outils de plombier Maletín para fontanero

MASC 'Harpoon' adhesive screwdriver

Adhesive screwdriver for 4.1 x 25 mm / 4.1 x 30 mm screws

- > Efficient adhesive fastening in the roof and façade area
- > Produces adhesive fastenings with higher pull-out values than nailed fastenings
- > Suitable for almost all commercially available adhesive systems
- > Precise screwing
- > Easy handling
- > Adhesive screws with ETA approval
- > For magazined fully threaded adhesive screws 4.1 x 25 mm / 4.1 x 30 mm, 50 pcs.
- > Makita battery system Li-Ion 18V/ 5.0 Ah

Item No.:	Description	Retailer packaging unit/piece
HH25	Harpoon shaft, for 25 mm screws in case, with battery and charger	1 B
HH30	Harpoon shaft, for 30 mm screws in case, with battery and charger	1 B
HHG25	Harpoon shaft basic unit, for 25 mm screws in case, without battery and charger	1 B
HHG30	Harpoon shaft basic unit, for 30 mm screws in case, without battery and charger	1 B
HSS25/ HSS30	Adhesive chipboard screws, 25 mm or 30 mm 50 pcs. in magazine long strip, 1000 pcs./box	1 D
HSS25V/ HSS30V	Adhesive chipboard screws, light galvanised, 25 mm or 30 mm 50 pcs. in long magazine strip, 1000 pcs./box	1 D
NHH25	Nose for harpoon shaft for 25 mm screws	1 B
NHH30	Nose for harpoon shaft for 30 mm screws	1 B

Haftenschrauber „Harpune“ Avvitatore per viti nastrate „arpione“
Visseuse plaquiste « Harpon » Atornilladora grapadora «Harpune»

MASC "MAXi" seaming tool

- > 350 mm long crimping edge
- > Extra wide support to prevent tipping
- > Ergonomic soft grip
- > Particularly impact-resistant plastic

Item No.:	Description	Retailer packaging unit/piece
FBM	"MAXi" seaming tool extra long seaming tool, 350 x 150 mm, edge height 25/35 mm	E

Falzbrett „MAXi“ Pannello con scanalature „MAXi“
Panneau de feuillure « MAXi » Tablero de plisado «MAXi»

MASC Tile rider

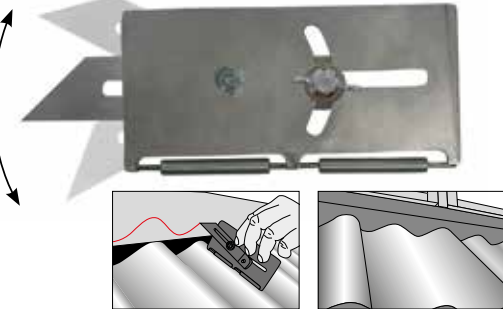
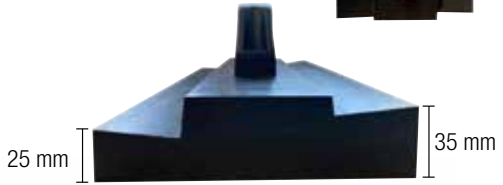
- > for scribing the tile mould on the faceplate

Item No.:	Description	Retailer packaging unit/piece
ZRT	Tile rider 0.15kg	1 E

Ziegelreiter Tracciatore per tegole
Lame de traçage pour tuiles Ondulador de ladrillos



Tool treated and sanded





MASC Duo edge closer for angled and standing crimps

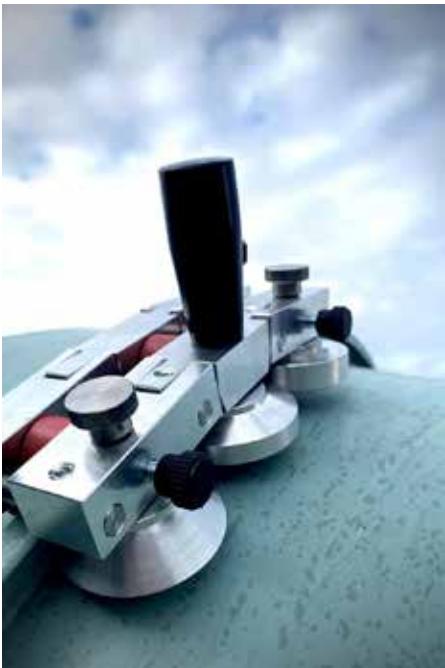
- > Closing angled and standing crimps in a single operation
- > Compact design with holder for cordless drill driver
- > High-quality and robust design
- > Adjustment options for different material thicknesses or contact pressure
- > No marks / imprints on crimps and panels
- > In shockproof plastic case



Item No.:	Description	Retailer packaging unit/piece
FSD	Duo edge closer for angled and standing crimping	1 C
	345 x 150 x 155 mm, 5.35 kg	

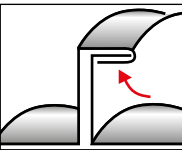


- Falzschießer Duo für Winkel- und Stehfalz*
- Duo aggraffatrice per giunture angolari e verticali*
- Pince à fermer les plis Duo pour plis angulaires et verticaux*
- Cerrador de pliegues para pliegues angulares y verticales*



MASC Round dormer edge closer II for angled standing crimping

- > for prefabricated profile sections
- > closes the angled crimping gently and evenly
- > for round dormers and straight profiled panels
- > smallest radius approx. 300 mm
- > for round dormers and straight profiled panels
- > smallest radius approx. 300 mm



Item No.:	Description	Retailer packaging unit/piece
RGS2	Round dormer edge closer for angled crimping	1 D
	200 x 90 x 95 mm, 0.90 kg	



- Rundgaubenschließer*
- Utensili di chiusura profili di abbaini*
- Outil pour refermer des lucarnes arrondies*
- Herramienta para el cierre de buhardas redondas*

MASC “Speedy” angled-seam closer

- > Small angled-seam closer for all commercially available cordless screwdrivers
- > Driven closing rollers for maximum working speed with minimum physical strain
- > Up to 80% time saving compared to ‘gripper closers’
- > Super slim and flexible angled-seam closer
- > Extremely gentle closing of the angled crimping without marks and protrusions in the sheet surface
- > Gently closes the angled crimping on prefabricated profile sections for straight sheets
- > Low-wear steel crimping rollers
- > Quick-release fastener for even more comfortable working
- > Additional ‘Ergo-eX’ extension pole available for posture-friendly working



Item No.:	Description	Retailer packaging unit/piece
WFS	“Speedy” angled-seam closer	1 D
	170x90x95 mm, 0.95 kg	
WFSVM	“ErgoEx” extension module for angled-seam closer	1 D

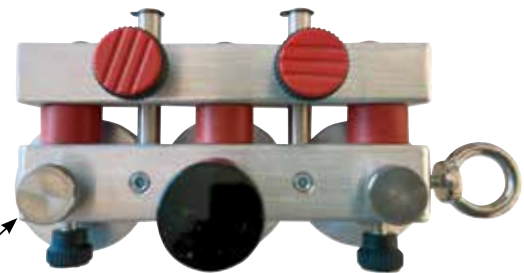


- Winkelfalzschießer „Speedy“*
- Utensili di chiusura angoli „Speedy“*
- Fermeture de feuillure d'angle « Speedy »*
- Cerrador de costuras angulares «Speedy»*



MASC Combination roller moulder KR4

- > Gently closes the angled crimping on prefabricated profile sections for straight sheets
- > With rollers on bearings
- > Low-wear aluminium crimping rollers
- > Adjustable for different material thicknesses

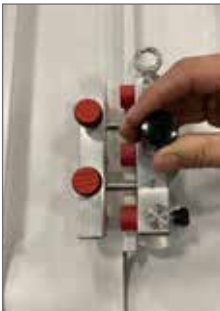


Adjustable

Closing process



Inserting from the front



Inserting from above



Easy to pull through with a rope

Item No.:	Description	Retailer packaging unit/piece
KR4	Combination roller moulder KR4	1 D
	170 x 90 x 95 mm, 0.85 kg	



- Kombi-Rollformer 4*
- Sagomatore combinato a rulli KR4*
- Plieuse / bordeuse multi-plis universelle KR4*
- Acanaladora combi KR4*



SF180

SRF100



SRF200

DRF200

MASC Roller moulder Pro-Touch Line

- > Compact design
- > Convenient working thanks to innovative handling thanks to PRO-Touch technology
- > Bending work up to 100° or 180° (SF180)
- > Enables bending work on profiled sheet metal due to appropriate centre distance
- > Insertion depth from 5 mm - 100 mm or 200 mm

SF180

- > 30 mm insertion depth
- > Adjustable material thickness
- > Pro-Touch handle

SRF200

- > 200 mm insertion depth
- > 1 guide rollers
- > Pro-Touch handle

SF100

- > 100 mm insertion depth
- > 1 guide roll
- > Pro-Touch handle

DRF200

- > 200 mm insertion depth
- > 2 guide rollers
- > Pro-Touch handle

Roller moulder set Pro Line consisting of:

- > Pro-Touch disc roller moulder (SF180),
- > Single Roller moulder Pro-Touch 100 mm insertion depth (SRF100)
- > Duo Roller moulder Pro-Touch, 200 mm insertion depth (DRF200)

Item No.:	Description	Retailer packaging unit/piece
RFS	Roller moulder set Pro-Line consisting of SF180, SRF100 + DRF200	1 F
SF180	Pro-Touch disc roller moulder, 180° bending, 30 mm insertion depth 145x70x100 mm, 0.7 kg	1 F
SRF100	Single Roller moulder Pro-Touch, 100 mm insertion depth 165x70x90 mm, 1.05 kg	1 F
SRF200	Single Roller moulder Pro-Touch, 200 mm insertion depth 280x130x90 mm, 1.05 kg	1 F
DRF200	Duo Roller moulder Pro-Touch, 200 mm insertion depth 310 x 220 x 155 mm, 2.7 kg	1 F

Rollformer Pro-Touch Line

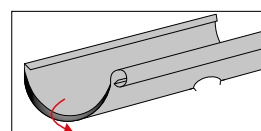
Profilo di avvolgimento Pro-Touch Line

Plieuse/bordeuse Pro-Touch Line

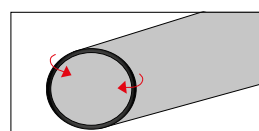
Combadora Pro-Touch Line

MASC 5 mm edge preparer

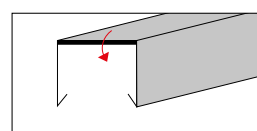
- > For bending the smallest drip edges or bends on wall connection plates
- > Bending the gutter for tapping crimped floors
- > Moulding of downpipes or downpipe bends, makes assembly much easier
- > For easy deburring of sawn edges on pipes or guttering



Prepare the gutter /
Flange the gutter hole



Lightly pull in pipe



Lightly score wall cover

Item No.:	Description	Retailer packaging unit/piece
KA1	Edge preparer 5 mm	5 E

5 mm edge preparer

Piegabordi 5 mm

Outil à plier les bords, 5 mm

Redondeadora de cantos 5 mm

MASC Crimping former Duo, for under and overlapping covers

Pair of tools for producing underlap (black tool) and overlap (black / red tool).

- > Makes 2 or 3 bends in one operation
- > Optimum tool for the production of fitting panels, etc., on the construction site
- > Saves one or two work steps
- > Simplifies the generation of under- and overlap enormously
- > Supplied in a shockproof case incl. maintenance set



Item No.:	Description	Retailer packaging unit/piece
FFD	Duo crimping former, for bottom and top covers black tool: 430 x 360 x 140 mm, 4.55 kg black / red tool: 470 x 370 x 130 mm, 5.3 kg	1 C

Falzformer Duo, für Unter- und Überdecken

Macchina duo per aggraffatura, per controsoffitto e sovracopertura

Plieuse à tôle Duo, pour les couvertures

Conformador de pliegues Duo, para cobertura inferior y superior

MASC Combination roller moulder KR3

- > With rollers on bearings
- > Low-wear aluminium crimping rollers,
- > Adjustable for different material thicknesses
- > **Bends over 90 degrees possible**
- > With special roller set for thicker and tougher material for wall coverings
- > Additional middle management role

Limit values

Aluminium	up to 1.0 mm	Steel	up to 0.7 mm
Copper	up to 0.8 mm	Roofinox	up to 0.5 mm
Zinc	up to 1.0 mm		



Item No.:	Description	Retailer packaging unit/piece
KR3	Combination roller moulder KR3 for closing wall coverings, angled crimping, etc. 310 x 220 x 155 mm, 2.7 kg	1 D

Kombi-Rollformer 3

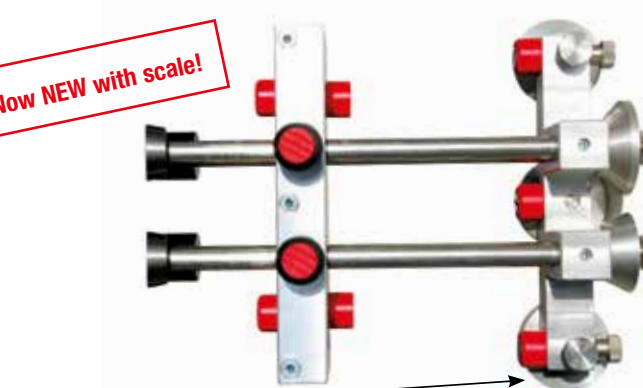
Sagomatore combinato a rulli KR3

Plieuse / bordeuse multi-plis universelle KR3

Conformadora de rodillos combinada 3



Now NEW with scale!

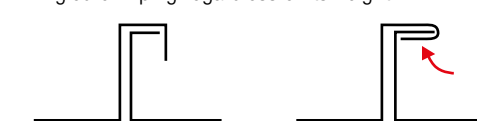


Adjustable

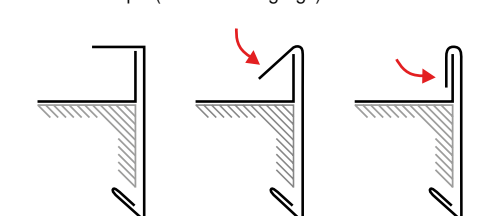
Wall cover, 135° angle



Angled crimping regardless of its height



Front board panelling by changing rollers in
2 work steps (for wider edgings)





MASC Sheet metal vice grip (dip insulated)

> for gentle and fast fixing of high-quality metal sheets

Item No.:	Description	Retailer packaging unit/piece
BGZI	Sheet metal vice grip (dip insulated) Jaw width 80 mm, 210 x 80 x 60 mm, 0.5 kg	5 E



- Blechgripzange tauchisoliert
- Pince-étau isolé pour tôle
- Pinza di serraggio lamiera isolata per immersione
- Pinza de presión para chapa con aislamiento por inmersión



MASC Corner grip pliers cranked

> facilitates the processing of sheet metal with folds in corner areas during welding, soldering, riveting, etc.

Item No.:	Description	Retailer packaging unit/piece
EGZG	Corner grip pliers cranked 245 x 80 x 70 mm, 0.8 kg	5 E



- Eckgripzange gekröpft
- Pince-étau pour coin coudé
- Pinza di serraggio angolare a gomito
- Tenaza para fijación de esquinas, curvada



1 Standard with metal backing

2 Standard with plastic jaws and dip-insulated

MASC Locking flat nose pliers with and without plastic jaws

1 Locking flat nose pliers standard

- > Chrome-plated version with quick grip adjustment
- > Problem-free clamping of profiled sheet metal panels and smooth sheets
- > The MASC locking flat nose pliers one tool for several applications
- > Wide, parallel support, thus higher clamping force without damage
- > Adaptable to different sheet thicknesses
- > For fixing profile sections in the façade and roof area

2 Dip-insulated locking flat nose pliers with plastic jaws

- > Dip-insulated and with special plastic jaw
- > For V₂A sheet metal; coated and other sheet metal

Item No.:	Description	Retailer packaging unit/piece
SGZS	Locking flat nose pliers standard Jaw width 80 mm, 210 x 80 x 60 mm, 0.55 kg	5 E
SGZSK	Standard locking flat nose pliers with plastic jaws + dip-insulated Jaw width 80 mm, 210 x 80 x 60 mm, 0.55 kg	5 E



- Scharen-Gripzange
- Pince-étau pour panneaux
- Pinza di serraggio con vano raccoglitore
- Tijera de fijación con y sin mordazas plásticas

MASC Façade grip pliers

- > Nickel-plated version with quick grip adjustment
- > Problem-free clamping of profiled sheet metal panels
- > For fixing sheet metal panels taking into account the transverse expansion
- > Adaptable to different sheet thicknesses
- > For fixing profile sections, especially in the façade area



Transverse expansion

Item No.:	Description	Retailer packaging unit/piece
FGZ	Façade grip pliers 200 x 60 x 38 mm, 0.45 kg	1 E



- Fassadengripzange
- Pince-étau pour façade
- Pinza di serraggio per facciate
- Tenazas de fijación para exteriores

MASC Clip Master pliers

- > Clip pliers suitable for fixing clip with 25 mm clamping depth
- Fixing, holding and adjusting sheet metal elements
- Quick fixation due to spring tensioning mechanism on the head
- 3rd hand for, e.g., crimping, soldering and welding work



Item No.:	Description	Retailer packaging unit/piece
CMZ	Clip Master pliers single 190 x 40 x 15 mm, 0.15 kg	5 F
CMS25	Clip Master Set 25: 1 x CMZ and 2 x FC25 in case 230 x 275 x 83 mm, 0.7 kg	5 F

- Clip Master Zange
- Pince Clip Master
- Pinza Clip Master
- Tenazas Clip Master

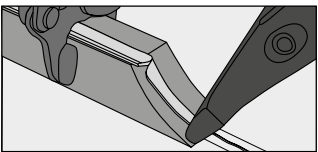
MASC Tail grip pliers and tail grip pliers Duo

1 Tail grip pliers

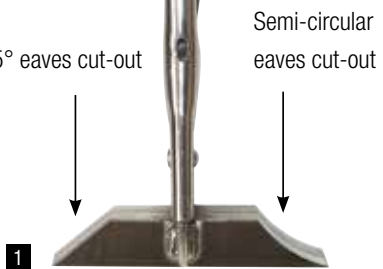
- > for marking out and tailing the cut-out for double and angled crimping on the eaves (semi-circular or 45°)
- > No slipping of the shares possible due to targeted fixing
- > Uniformity of the eaves finish (frequency of repetition)

2 Tail grip pliers Duo

- > With a semi-circular eaves end and standing crimping still open, the round turn-up can already be produced in the workshop.
- > Can be used on both sides.
- > consisting of pliers and anvil



45° eaves cut-out



Semi-circular eaves cut-out



Item No.:	Description	Retailer packaging unit/piece
SCHGZ	Tail grip pliers 190 x 130 mm, 0.65 kg	1 E
SCHGZD	Tail grip pliers Duo 190 x 80 x 20 mm, 1.8 kg	1 D

- Schweifgripzange
- Pince à marquer
- Pinza di serraggio a coda
- Pinza de cortoneado simple y doble





MASC Eaves cutter

- > Construction site device for semi-circular cut-out in the eaves area
- > Can also be used as a table-top device in the workshop area
- > No prior bending of the profile sections or cassettes necessary
- > cuts underlap or overlap with one cut

Included in the scope of delivery: Indicator template and metal case

Limit values
Aluminium up to 0.8 mm Zinc up to 0.7 mm
Copper up to 0.8 mm Steel (uginox) up to 0.5 mm

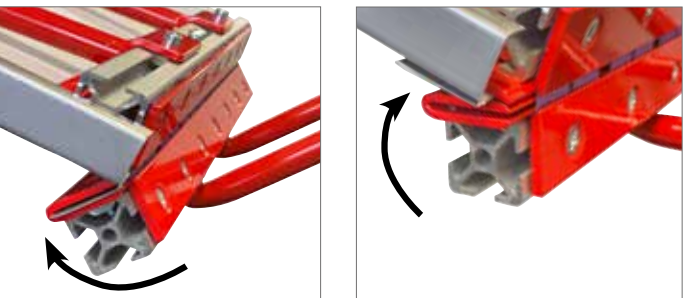
Item No.:	Description	Retailer packaging unit/piece
TS1	Eaves cutter in case	1 A
EMT	Pair of replacement blades for eaves cutter	1 A

Germany Traufschere Italy Taglierina per canaline
France Outil emporte-pièce pour couvreurs Spain Cortador de aleros



MASC Eaves segment bender

- > 2 in 1 = eaves bender and eaves closer in one tool
- > Enables edging of the shares in the eaves area in a single work step
- > Professional edging without pressing, this interrupts the capillary effect
- > No 'sharp edge'
- > The depth can be adjusted by means of a stop -> optionally 25 or 30 mm
- > Additional angled pipe bracket for work on high gutters and steep roofs



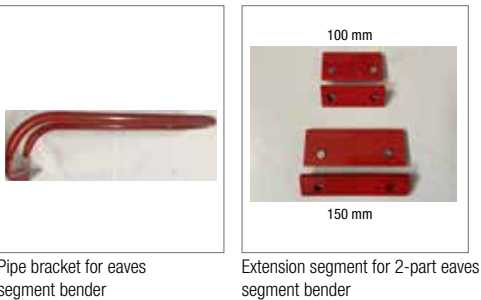
Step 1: Bevelling to approx. 170 degrees

Step 2: Closing

Item No.:	Description	Retailer packaging unit/piece
STB	Eaves segment bender	1 C
STBRB	Pipe bracket for eaves segment bender	1 C
STBVS10	Extension segment 100 mm for STB	1 C
STBVS15	Extension segment 150 mm for STB	1 C
STB set	Set consisting of: Eaves segment bender 415 mm (STB) Pipe bracket for eaves segment bender (STBRB) Extension segment 100 mm (STBVS10) Extension segment 150 mm (STBVS15)	1 C



Germany Segment-Traufbieger Italy Tenditore per segmento canalina
France Plieuse à segment Spain Dobladora de segmento de alero



Pipe bracket for eaves segment bender

Extension segment for 2-part eaves segment bender

MASC Pleating pliers

- > Enables effortless pleating
- > With an insertion depth of 45 mm without other auxiliary tools
- > Effortless closing of the pinch pleat



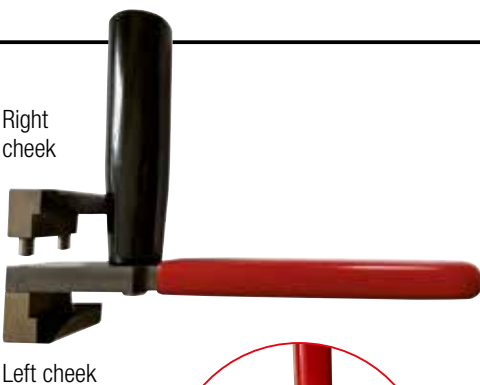
Item No.:	Description	Retailer packaging unit/piece
MFZ	Pleating pliers	5 E

Germany Pleating pliers Italy Pinza piegatrice
France Pince à border triangulaire Spain alicates de plisado



MASC Folded-seam opener set

- contains:
- > Hand lever with handle with attached jaw on the right
 - > Left-hand jaw included in the set
 - > Gentle opening of the angled crimping to replace individual damaged panels.



Item No.:	Description	Retailer packaging unit/piece
WFAS	Folded-seam opener set	1 E

Germany Winkelfalzaufbieger-Set Italy Utensile per apertura scanalature angolari
France Jeu de cintrage de feuillure d'angle Spain Juego de alicates levantapligues angulares



MASC Folded-seam open pliers

- > With extra wide head of 80 mm
- > Simple and gentle set-up of double and angled crimping
- > Flattening of crimping, clean opening without damage
- > Ideal for repair and finishing work



Item No.:	Description	Retailer packaging unit/piece
FAZ	Folded-seam open pliers	5 E

Germany Falzaufbiegezange Italy Pinza per apertura scanalature angolari
France Pince à ouvrir les plis Spain Tenaza abierta de plegado







MASC Fixed adhesive set

- > Secure attachment of panels to walls and roofs
- > Prevents sheets from slipping off during and after assembly
- > Efficient production of notches for fixing to shares using notching pliers
- > Notching pliers with adjustable depth stop to compensate for tolerances

Item No.:	Description	Retailer packaging unit/piece
FH set	Fixed point adhesive set consisting of: 100 clips, notching pliers	1  E

 *Fixhaften-Set*
 *Jeu d'agrafes à point fixe*

 *Set di fissaggio*
 *Kit de grapa-fijaciones*




MASC “Falzbandboy” seam tape boy



for the application of **seam sealing tape**

- > Convenient and even application of seam sealing tape on pre-profiled panels
- > No running of the sealing tapes

 **Seam sealing tape (p.76) not included in the scope of delivery**

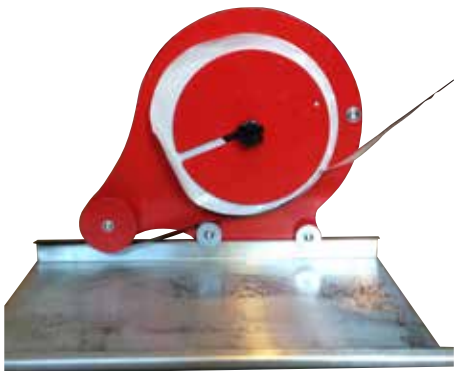
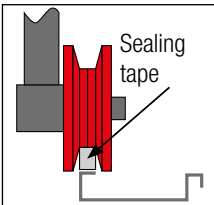
Item No.:	Description	Retailer packaging unit/piece
FBB	“Falzbandboy” seam tape boy for applying seam sealing strips 320 x 75 x 270 mm, 1.05 kg	1  D

 *„Falzbandboy“*
 *Accessoire pour appliquer les rubans
d'étanchéité « Falzbandboy »*

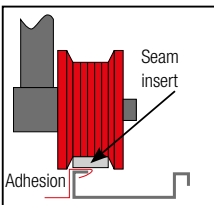
 *Svolgitore di nastro isolante per scanalature*
 *“Falzbandboy” cinta para pliegue*



Push forwards



Pull backwards





MASC “Falzbandboy” seam tape boy for applying the



MASC seam insert

- > For convenient and time-saving application of the MASC seam insert to the underlap of the pre-profiled shares.

 **Seam insert (S. 76) not included in the scope of delivery**

Item No.:	Description	Retailer packaging unit/piece
FBBF	“Falzbandboy” seam tape boy for applying the MASC seam insert 35 x 29 x 5 cm	1  E



 *Falzbandboy zum Aufbringen der
MASC-Falzeinlage*
 *Accessoire pour appliquer les rubans
d'étanchéité « Falzbandboy »*

 *Svolgitore di nastro isolante per scanalature*
 *“Falzbandboy” cinta para pliegue*



MASC Ideal snips with scale

- > Proven Stubai quality snips
- > Etched scale on the top and bottom of the cutting edge
- > Scaling in millimetres
- > High durability of the scaling thanks to special coating with resin and sliding additive

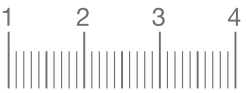
Item No.:	Description	Retailer packaging unit/piece
BSL	Ideal snips left, 285 mm, 0.6 kg	5  F
BSR	Ideal snips right, 285 mm, 0.6 kg	5  F

 *Ideal-Blechscherer mit Skala*

 *Cisailles à tôles Ideal avec graduations*

 *Cesoia per lamiera “Ideal” con scala*

 *«Ideal» cizalla con escala*



Scale in mm

MASC Metal-nibble tool BK1/II

- > For cutting the profile before drawing in the pinch crimping in the flush fold
- > No need for manual punching or drilling, no additional cutting required
- > Incision prevents the sheet from tearing and can be flexibly adjusted by re-cutting
- > For sheet steel up to a maximum of 0.7 mm
- > Ergonomic handles - therefore fatigue-free working
- > The shorter head enables closer approach to corners


Limit values

Aluminium up to 0.8 mm
Copper up to 0.8 mm
Zinc up to 0.7 mm
Steel (uginox) up to 0.7 mm

Item No.:	Description	Retailer packaging unit/piece
BK1/II	Metal-nibble tool II 230 x 18 x 115 mm, 0.29 kg	1  E

 *Blechknabber*

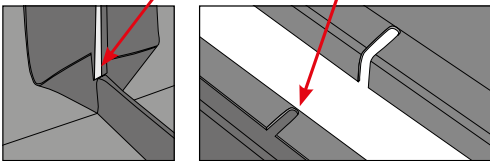
 *Cisaille à grignoter la tôle*

 *Cesoia per lamiera*

 *Mordaza de chapa*



BK1/II



MASC Closing pliers


- > Specially angled closing pliers for bevelling, and crimping in places that are difficult to access (e.g., wall coverings)
- > High force transmission when crimping in multiple material thickness (e.g., folded crimping at eaves end)
- > Working width 100 mm
- > Rubber grips for good handling even in wet conditions.

Item No.:	Description	Retailer packaging unit/piece
ZD	Closing pliers 250x80x50 mm, 800 g	1  E

 *Zudrückzange*

 *Pince à fermer (en appuyant)*

 *Pinza di serraggio per scanalature*

 *Pinza de cierre*





MASC Crimping hammer V-shaped rounded

- > V-shaped tapered head on one side, rounded
- > Two tools in one: classic folded seam hammer and hammer for working on concave curves
- > Hammer head made from particularly impact-resistant plastic
- > Untreated, ergonomically shaped ash handle

Item No.:	Description	Retailer packaging unit/piece
FHV	Crimping hammer V-shaped rounded	1 G

Falzhammer-V-Form, abgerundet Martello per angoli a V, arrotondato
 Marteau à feuillure à forme en V, arrondi Martillo para ensambladuras formato V, redondeado



MASC Crimping hammer for chimney template

- > Rounded head on one side for creating chimney flashings on the chimney template, half-round wall connections instead of flush crimping, etc.
- > Two tools in one: classic folded seam hammer and hammer for working on concave curves
- > Hammer head made from particularly impact-resistant plastic
- > Untreated, ergonomically shaped ash handle

Item No.:	Description	Retailer packaging unit/piece
FHK	Crimping hammer for chimney template 350x155x55 mm, 600 g	1 G

Falzhammer für Kaminschablone Martello per angoli per dima camino
 Marteau à feuillure pour gabarit de cheminée Martillo para ensambladuras para plantilla de chimenea



MASC Seam hammer special and non-rebound seam hammer

1 Seam hammer special

- > With stepped handle
- > No hand injuries
- > No damage to the metal surface due to favourable impact angle

2 Non-rebound seam hammer

- > Gentle on wrist and elbow
- > Due to its high weight of 700 g, very suitable for double crimping
- > Better corner penetration with a pinch fold than a round hammer head (collar crimping)
- > Replaceable jaws after wear (simply lift out in a vice)
- > Special rubber grip for optimum hold, even when sweating

Item No.:	Description	Retailer packaging unit/piece
FH	Seam-hammer special 350 x 160 x 90 mm, 0.7 kg	10 G
FHR 30/40	Seam hammer non-rebound 300 x 115 x 30 mm, 0.7 kg	5 E

Falzhammer Spezial und Falzhammer rückschlagfrei Martello per angoli speciale
 Marteau spécial d'agrafage et marteau d'agrafage embout plastique Martillo para ensambladuras



1



2

MASC Cross peening hammer plastic

- > For gentle welding of the sheet metal
- > Ideal for processing all sensitive materials

Item No.:	Description	Retailer packaging unit/piece
KSHK	Cross peening hammer plastic Hammer head width: 90 mm, total length 275 mm, ø: 30 mm, 300 g	1 E

Kreuzschonhammer Kunststoff Martello a croce a testa morbida in plastica
 Marteau en plastique à pannes croisées Martillo en cruz para materiales sensibles



MASC 2-phase soft-face mallet

- > Hammer with 2 plastic inserts of different hardness
- > Soft-face mallet with two different hardness inserts
- > White medium hard and red hard
- > Ergonomic, lacquered wooden handle
- > Impact inserts and handle are interchangeable
- > Diameter 30 mm, 360 g

Item No.:	Description	Retailer packaging unit/piece
2PS	2-phase soft-face mallet 325 x 107 x 30 mm, 0.36 kg	1 F

2-Phasen Schonhammer Mazzetta a due fasi
 Maillet à 2 phases Martillo de goma 2-fases



MASC Duo-Power, 600 g locksmith and soft-face mallet

- > 2 in 1 combi hammer, nylon impact insert and steel head in a 30 mm diameter, 600 g weight
- > 2 in 1 combi hammer steel and soft-face mallet
- > Hammer head made from high-grade heat-treated steel
- > Hardened impact surface
- > High-strength nylon impact insert, replaceable
- > Ergonomic, non-slip rubber handle
- > Resistant to corrosion

Item No.:	Description	Retailer packaging unit/piece
DP600	Duo-Power, 600 g locksmith and soft-face mallet 290 x 104 x 30 mm, 0.60 kg	1 F

Duo-Power 600g Schlosser- und Schonhammer Martello da falegname e mazzetta Duo-Power 600g
 Marteau de serrurier et maillet Duo-Power, 600 g Martillo para cerrajero y de goma Duo-Power 600g



MASC Notching tool for profile cassettes etc.



- > Precision tool for simultaneous notching and marking (scribing)
- > 80 % time saving with 100 % accuracy of fit
- > Enables simple and efficient production of cassettes and coulters, Window sills... made of copper, zinc, aluminium, Uginox...

Limit values

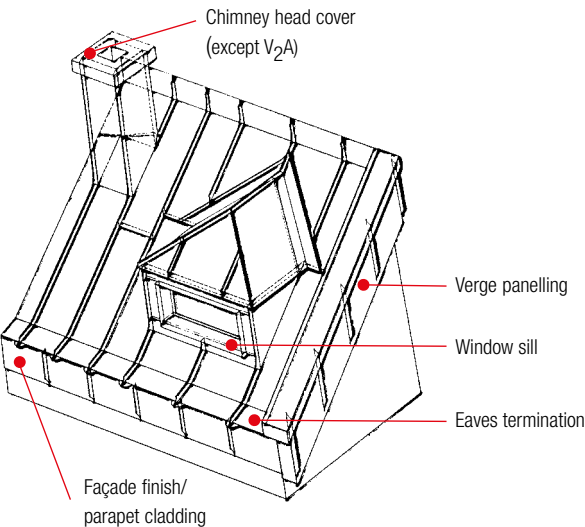
Aluminium	up to 0.8 mm
Copper	up to 0.8 mm
Zinc	up to 0.7 mm
Steel (uginox)	up to 0.5 mm



Item No.:	Description	Retailer packaging unit/piece
AWG	Notching tool basic unit 110 x 100 x 57 mm, 3.0 kg	1 B
HG	Hand-held device for AWG 680 x 100 x 120 mm, 9.2 kg	1 B

Ausklinkwerkzeug für Profilkassetten etc.
 Outil d'encochage pour caissons profilés

Utensile di sgancio per cassette profili
 Herramienta mortajadora para cajas de perfil



MASC Blade for notching tool

Thanks to an extensive range of special blades for the notching tool, a wide variety of geometries can be produced quickly and with reproducible precision. Other geometries available on request.

Item No.:	Description	Retailer packaging unit/piece
M90GS	Blade set 90° closed diagonal for 90 ° notches closed bevelled	1 B
M90GS45G	Blade set 90° angled closed for notches for AWG up to 45° roof pitch	1 B
M90GS450	Blade set 90° angled / half open for notches for AWG up to 45° roof pitch	1 B
MFB	Blade set for window sill for window sill notches	1 B
MH	Half-round blade set for half-round notches	1 B
MHS	Half-round blade set special for semi-circular notches on left-hand profile shares	1 B
MSO	Customised blade set for customer-specific special solutions	1 B

Messer für Ausklinkwerkzeug
 Lames pour outil d'encochage

Lama per utensile di sgancio
 Cuchilla para herramienta mortajadora para cajas de perfil



Variant 1



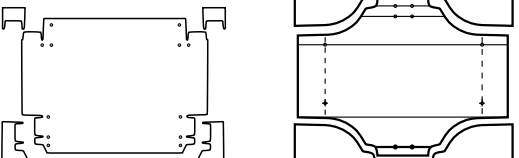
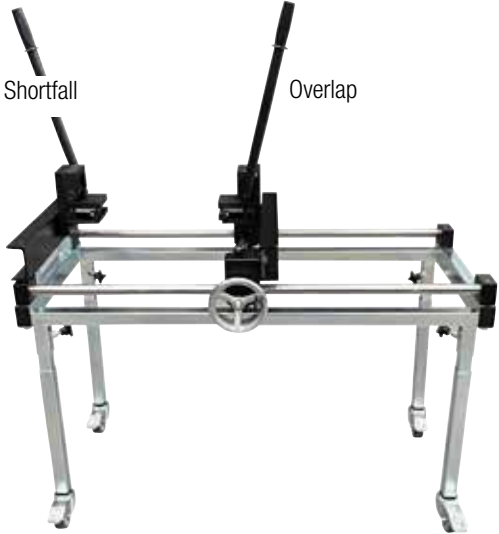
MASC S10 notching unit - integrated in S10 table and cutting system

- > Unit for creating a professional eaves termination (90° or semi-circular) on the under- and overlap
- > Device for mounting either one or two MASC notching tools with hand tool directly on the S10 cutting or work table, 1.0 m or 1.25 m wide
- > Continuous adjustment of the share width
- > Variable for belt feed from the left or right

Suitable for AWG, HG and various blades

Item No.:	Description	Retailer packaging unit/piece
S10AE.	S10 release unit consisting of: 2 AWG Notching tool Basic unit 2 HG Hand-held unit 2 blade set for under- and overlap 1 linear rail 1500 mm, for 1.0 m or 1.25 m table 2 trolleys for AWG mounting 2 sheet metal guides AWG top 2 sheet metal guides AWG bottom 2 sliding position stops	1 B

Variant 2



MASC S10 notching unit

- > Frame for mounting either one or two MASC notching tools in the hand-held device
- > This creates a device for the production of terminations on the underlap and overlap
- > Stepless adjustment of the share width via adjusting wheel
- > Stepless adjustment of the working height
- > Solid, tilt-proof frame
- > Can be docked to the left or right of a worktable



Suitable for AWG, HG and various blades

Item No.:	Description	Retailer packaging unit/piece
AEM90	contains: 2 AWG notching tool basic tool, 2 HG hand tool, 2 blade set M90GS450 for undercutting and overcutting, 1 base frame	1 B
AEMH	Consisting of: 2 AWG notching tool basic tool, 2 HG hand tool, 2 blade set MH for underlap and overlap, 1 base frame	1 B
AEMHS	Consisting of: 2 AWG notching tool basic tool, 2 HG hand tool, 2 blade set MHS for profiling for under- and overlap, 1 base frame	1 B

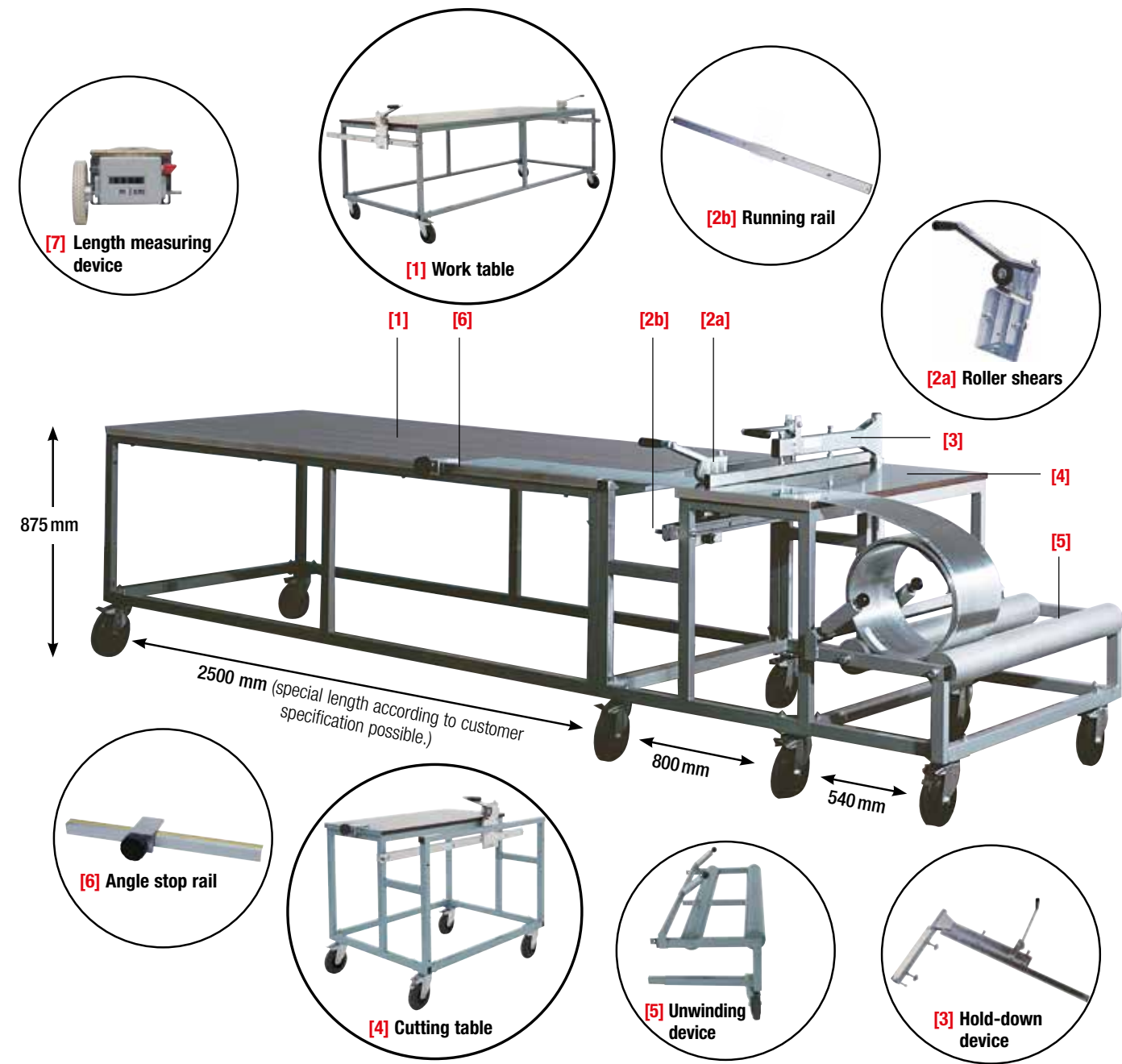
S10 Ausklinkeinheit
 Unité d'encochage S10

Unità di intaglio S10
 Unidad de desenganche S10

MASC S10 table and cutting system

With our MASC S10 table and cutting system in modular design, individual components can be customised.
Also available for belt width 1.25 m.
Can also be attached to an existing workbench.

Note freight costs!



- [1] Work table S10AT25**
(Fig.: Attachment example for rail and scissors directly on the table)
> 2500 mm long, flexible use thanks to 4 braking swivel castors
> Sturdy wooden plate with film coating, guarantees good sliding properties of the sheets
> Several tables can be easily linked together
> Approx. 300 kg load capacity

[2a] Roller shears S10RS
> Roller blades and rollers with maintenance-free double ball bearings
> The runner rail and roller shears can be attached to any existing table:
Left and right attachment possible
- [2b] S10LS guide rail for roller shears [2a]**
> Running track made of aluminium and V₂A, 1250 mm long

[3] Hold-down device S10NH
> Swivelling
> For separate extension
> Clamping handle can be used on the right and left

[4] Cutting table S10ST
> Without hold-down device and unwinding device
> Flexible use thanks to 4 braking swivel castors
> Equipped with worktop and 50 cm angle stop rail
> Roller shears on V₂A/aluminium guide rail
> On customer request, coil feed from the right or left
> Also available with unwinding device and hold-down device

- [5] Unwinding device S10AV**
> with belt guide for separate attachment to an existing table or S10 cutting table
> equipped with 2 swivel castors
> approx. 200 kg load capacity

[6] Angle stop rail S10WA25
> 2500 mm, hot-dip galvanised
> With inserted measuring tape
> The length stop is used to precisely fix the desired sheet length
> The angle stop rail can be attached to any existing table
> Serves as a counterholder in conjunction with roller stay and guide rail

[7] Length measuring device S10LME
> Suitable for the cutting table
- [8] S10 Tool storage box 100**
> Sturdy storage box with industrial heavy-duty pull-outs suitable for S10 workbench

[9] S10 Storage compartments 100
> Storage compartments for sheet storage / sheet remnants suitable for S10 workbench

[10] Mobile roll-off trolley
> Up to 1000 mm belt width
> 4 swivel and brake castors made of hard rubber
> 2 belt guide rollers
> max. load capacity 250 kg

Note freight costs!

Complete MASC-S10 table and cutting system

Mobile work table [1] 2500 mm, with angle stop rail [6], mobile cutting table [4] complete, shown here with unwinding device [5] and hold-down device [3]

> Coil sheet feed can be selected from the left or right.
Please specify when ordering

> **Delivery ex works**
> S10 system is delivered disassembled



Item No.:	Description	Retailer packaging unit/piece	
S10AT25	Work table MASC-S10 2500mm long, approx. 300 kg load capacity	[1]	1 C
S10ATM125	Work table MASC-S10, 1250 mm mobile, special length		1 C
S10ATM	Work table MASC-S10 mobile Special length to customer specification		1 C
S10RS	Roller shears MASC-S10 Left and right mounting possible	[2a]	1 C
S10LS	Running rail MASC-S10 1250 mm made of aluminium and V ₂ A,	[2b]	1 C
S10LS15	Running rail MASC-S10 1500mm with stainless steel insert for roller shears		1 C
S10NH	MASC-S10 hold-down clamp Clamping handle can be used on the right and left	[3]	1 C
S10NH125	MASC-S10 hold-down clamp, 1.25 mtr. Swivelling and removable, for separate mounting for 1.25 mtr. belt width.		1 C
S10ST	Cutting table MASC-S10 Without hold-down and unwinding device	[4]	1 C
S10STB125	Cutting table MASC-S10, 1.25 mtr. Without hold-down and unwinding device		1 C

Item No.:	Description	Retailer packaging unit/piece	
S10AV	Unwinding device MASC-S10 approx. 200 kg load capacity	[5]	1 C
S10AV125	Unwinding device MASC-S10 1.25 mtr. with belt guide for belt 1.25 mtr.		1 C
S10WA25	Angle stop rail MASC-S10 2500 mm long	[6]	1 C
S10WAM	Angle stop rail MASC-S10, running metre Special length according to customer specification		1 C
S10LME	Length measuring device for cutting table	[7]	1 C
S10WAB100	Tool storage box 100 for MASC-S10 worktable W: 100 mm	[8]	1 C
S10WAB125	Tool storage box 125 for MASC-S10 worktable W: 125 mm	[8]	1 C
S10AF100	Storage compartments 100 for MASC-S10 worktable W: 100 mm	[9]	1 C
S10AF125	Storage compartments 125 for MASC-S10 worktable W: 125 mm	[9]	1 C
ARW	Mobile roll-off trolley Up to 1000 mm belt width	[10]	1 C



Example with built-in material roller holder



Picture: endmann weber um

MASC Transport and uncoiling device and Material roller holder with guide rollers

Transport and uncoiling device

> Transport and unwinding device for coils up to 200 kg

Kuli und Materialrollenhalter mit Führungsrollen

Kuli

Porte-rouleaux KULI

Dispositivo de transporte y desenrollador

Material roller holder with guide rollers

- > Enables easy transport of small coils
- > No slipping of the coils during transport
- > Clean belt guidance during unwinding
- > No levelling of the sheets



Optionally available with roller shears

Note freight costs!

Item No.:	Description	Retailer packaging unit/piece
KUL1100	Transport and uncoiling device up to 100 cm width 1250 x 500 x 300mm, 24kg	1 C
KUL1125	Transport and uncoiling device up to 125 cm width 1500 x 500 x 300mm, 28kg	1 C
ZB100	Material roller holder with guide rollers 1000 x 150mm, 4.2kg	1 C
ZB125	Material roller holder with guide rollers 1350 x 150mm, 4.2kg	1 C



The transport and uncoiling device can be modularly extended with transport and uncoiling device shears and transport and uncoiling device length measuring device.

Materialrollenhalter mit Führungsrollen

Portarullo per materiale con rullo di guida

Porte-rouleaux avec dispositif de guidage

Soporte para rollos de material con rodillos de guía

MASC Sheet metal rolling truck

- > Simple and organised storage of various trays and offcuts
- > Easy insertion and removal of trays thanks to hinged dividers

390 kg load capacity



Note freight costs!

Item No.:	Description	Retailer packaging unit/piece
BRWK	Sheet metal rolling truck small mobile, painted 6 compartments, 2035 x 600 x 945 mm	1 D
BRWG	Sheet metal rolling truck large mobile, painted 12 compartments, 2035 x 835 x 945 mm	1 D



Blechregalwagen

Carrello a scomparti in lamiera

Chariot roulant pour le stockage des tôles

Carro para estantes de chapa

MASC Tape measures, self-adhesive

For sticking to shelves or worktables.

Available up to 10 metres!



Item No.:	Description	Retailer packaging unit/piece
MB2	Self-adhesive tape measure 2 m long	10 G
MB5	Self-adhesive tape measure 5 m long	10 G



Maßbänder selbstklebend

Fettucce autoadesive

Mètre ruban auto-adhésif

Cintas métricas, autoadhesivas

MASC Tensioning strap with Velcro fastener

- > Stretching belt without metal fastener - the strap plate can be rolled onto the floor without pressure points
- > Flexible, tear-resistant stretching belt with velcro fastening
- > For strapping and bundling sheet metal coils and a wide variety of materials without scratching
- > Also available with your advertising imprint

NEW also available in small print runs for craft businesses!



Item No.:	Description	Retailer packaging unit/piece
SG15	Tensioning strap 1500 x 48mm, 0.1 kg	20 E
SG20	Tensioning strap 2000 x 48mm, 0.1 kg	20 E
SG25	Tensioning strap 2500 x 48mm, 0.1 kg	20 E



Spanngurt mit Klettverschluss

Cinghia di tensione con chiusura a velcro

Sangle de serrage avec bande velcro

Correa tensora con cierre Velcro



-Customisable-
Even with your logo

MASC Clamp for the remaining rolls

- > V₂A tension clamp
- > Hole for hanging
- > For tensioning all residual sheets
- > As a clamping aid for soldering

Item No.:	Description	Retailer packaging unit/piece
RRK	Clamp for the remaining rolls 120 x 40 mm, 0.16kg	50 G



Restrollenklammer

Graffa per residui di rotoli

Bride de fixation pour les rouleaux restants

Grapas para rollo restante





MASC Adapter SDS

- > The adapter can be clamped in any cordless drill with a sprocket chuck and can accommodate SDS drill bits
- > Optimum power transmission, as the adapter can be clamped with grub screws

Item No.:	Description	Retailer packaging unit/piece
SDSA	Adapter SDS	1 E

Adapter SDS
Adaptateur SDS

Adattatore SDS
Adaptador SDS



MASC Spare reversible blade for the milling cutter

- > High surface quality
- > 40 % longer service life thanks to special coating
- > Suitable for all commercially available inlet mills

Item No.:	Description	Retailer packaging unit/piece
EM	Spare reversible blade for gutter support inlet mill 4 pieces (1 set) on carbide base, 0.07 kg	10 E
EMH	Spare reversible blade for gutter support inlet mill 6 pieces (1 set) on carbide base, 0.07 kg	10 E

Ersatzwendemesser zu Trägerfräse
Lame de rechange pour fraises

Lama double-face di ricambio per fresa
Cuchilla de repuesto para portafresa



MASC Craftwipes cleaning cloths

Professional cleaning cloths

- > Reliably removes various paints and adhesives, uncured PU foam, bitumen, silicone and oil from hands, tools and surfaces
- > Dermatologically tested
- > Hard-wearing cleaning cloth with a special surface for effective and thorough cleaning

Item No.:	Description	Retailer packaging unit/piece
RT	Craftwipes cleaning cloths Single can 80 pieces per can	8 G

Reinigungstücher „Craftwipes“
Lingettes nettoyantes « Craftwipes »

Panni detergenti Craftwipes
Paños Craftwipes



MASC Plumber's gloves

- > Breathable
- > Nubbed version for greater grip and longer service life
- > Very comfortable to wear, leaves no marks

Item No.:	Description	Retailer packaging unit/piece
KHSA7	Plumber's gloves, size 7 Breathable	12 E
KHSA8	Plumber's gloves, size 8 Breathable	12 E
KHSA9	Plumber's gloves, size 9 Breathable	12 E
KHSA10	Plumber's gloves, size 10 Breathable	12 E
KHSA11	Plumber's gloves, size 11 Breathable	12 E
KHSA12	Plumber's gloves, size 12 Breathable	12 E

Klempnerhandschuhe
Gants pour couvreurs-zingueurs

Guanti traspiranti per idraulici
Guantes de fontanero transpirables



MASC Plumber's glove cut protection

The MASC plumber's glove for all activities that are exposed to an increased risk of cuts and therefore have to fulfil high cut protection requirements.

- > High cut protection class (E) and abrasion protection level (4)
- > Optimum wearing comfort thanks to excellent fit
- > Breathable and resistant in one

Item No.:	Description	Retailer packaging unit/piece
KHSS9	Plumber's glove cut protection, size 9, breathable	12 E
KHSS10	Plumber's glove cut protection, size 10, breathable	12 E
KHSS11	Plumber's glove cut protection, size 11, breathable	12 E

Klempnerhandschuh-Schnittschutz
Gants anti-coupure pour couvreurs-zingueurs

Guanti per idraulici con protezione da taglio
Guante de fontanero-protección contra corte



MASC Plumber's glove Supergrip

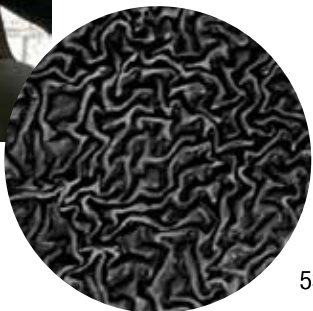
Always have a firm grip on everything with the MASC Supergrip plumber's glove. The special latex coating provides an EXTRA grip and is therefore particularly suitable for working with bricks, stoneware and wood as well as all hand tools.

- > particularly slip-resistant
- > superb wearing comfort thanks to optimum fit
- > breathable and resistant in one

Item No.:	Description	Retailer packaging unit/piece
KHSG9	Plumber's glove Supergrip, size 9, breathable	12 E
KHSG10	Plumber's glove Supergrip, size 10, breathable	12 E
KHSG11	Plumber's glove Supergrip, size 11, breathable	12 E

Klempnerhandschuh-Supergrip
Gants Supergrip pour couvreurs-zingueurs

Guanti per idraulici Supergrip
Guante de fontanero súper agarre






MASC Swedish steel knives

- > Thanks to the special clip on the plastic sheath, the knife can be attached to more than just a belt
- > Excellent cutting performance
- > Blade made from hard carbon steel
- > Handle: Carbon

Item No.:	Description	Retailer packaging unit/piece
MM	Swedish steel knives	
	230 mm, 0.1 kg	15 F

 Schwedenstahl-Messer

 Couteaux en acier suédois

 Coltello in acciaio svedese

 Cuchillo de acero sueco



MASC Training film: Detailed points in plumbing technology

- > Training film on plumbing technology on DVD
- > Supplement to the technical book: "Detailpunkte in der Klempnertechnik" (Details of plumber engineering)
- > Detailed presentation of all problem points
- > All points can be 'clicked' individually and conveniently practised several times

Item No.:	Description	Retailer packaging unit/piece
LFD	Training film	
	DVD	5 E
LFDE	Training film in English	
	DVD	5 E



 Lehrfilm: „Detailpunkte in der Klempnertechnik“

 Film pédagogique : « Tout savoir sur la technique des couvreurs-zingueurs »


 Video di apprendimento: Dettagli della tecnica per idraulici



MASC Guild belt made of V₂A

- > Sturdy genuine leather belt from 90 - 110 cm in length
- > Polished stainless steel coupling, tinsmith's coat of arms
- > Polished stainless steel coupling, roofer's coat of arms
- > Coupler is detachable and can be used as a bottle opener

Item No.:	Description	Retailer packaging unit/piece
ZGS	Guild belt tinsmith	
	Belt lengths 90/100/110 cm, 70 mm Ø, 0.2 kg	5 C
ZGD	Roofer's guild belt	
	Belt lengths 90/100/110 cm, 70 mm Ø, 0.2 kg	5 C

 Zunftgürtel aus V₂A

 Ceinture corps de métier en V₂A

 Cintura professionale in V₂A

 Cinturón del gremio de V₂A



MASC Technical book: "Detailpunkte in der Klempnertechnik" (Details of plumber engineering)

- > The only reference book with true-to-scale paper folding patterns to fold yourself
- > Can be transferred directly to the sheet metal as an original template
- > Detailed illustration of the standing crimping technique, complete from the eaves to the ridge
- > Working basis for many masterclasses

Item No.:	Description	Retailer packaging unit/piece
FBD	Technical book "Detailpunkte in der Klempnertechnik" (Details of plumber engineering) incl. folding pattern block	
	1:1, 300 x 210 mm, 0.9 kg	10 B
FBDE	Reference book in English	
	300 x 210 mm, 0.9 kg	10 B



 Fachbuch: „Detailpunkte in der Klempnertechnik“

 Manuel technique : « Tout savoir sur la technique des couvreurs-zingueurs »

 Manuale tecnico: "Dettagli della tecnica per idraulici"

 Libro técnico: «Puntos detallados en la técnica de fontanería»



This technical book is also available in English and Italian.

MASC Spatula

- > Spatula completely made of metal (without wooden handle)
- > With protective handle and lateral reinforcements
- > Toothing according to Enke specification

Item No.:	Description	Retailer packaging unit/piece
ESP	Spatula	
	145 x 145 x 20 mm, 0.2 kg	10 E

 Spachtel

 Spatule

 Spatola

 Rasqueta





MASC Technical book: "Detailpunkte in der Winkelfalztechnik" (Details of angular folding technology)


- > Supplement to the standard work 'Standing crimping technology' (was published at the customer's request)
- > Angled crimping technology is increasingly becoming the visual flagship of the plumbing industry
- > Detailed presentation of all problem points


Item No.:	Description	Retailer packaging unit/piece
FBW	Technical book "Detailpunkte in der Winkelfalztechnik" (Details of angular folding technology) incl. folding pattern block	
	1:1, 300 x 210 mm, 0.9 k	10 B



 Fachbuch: „Detailpunkte in der Winkelfalztechnik“

 Manuel technique : « Tout savoir sur la technique d'agrafage angulaire »

 Manuale tecnico: "Dettagli della tecnica per scanalature angolari"

 Libro de texto: "Puntos detallados en la técnica de plegado en ángulo"



MASC “Strong nail” leather bracelet


- > Always have your nails to hand
- > Leather bracelet with 2 riveted magnets
- > 34 mm wide, antique leather strap 3 mm thick

Item No.:	Description	Retailer packaging unit/piece
LA	“Strong nail” leather bracelet 1800 x 450 mm, 0.5 kg	1  I

-  Lederarmband „strong nail“
-  Bracciale in pelle „strong nail“
-  Bracelet en cuir « strong nail »
-  Pulsera de cuero «strong nail»

MASC Anti-slip mat

- > Adheres in almost any position up to approx. 60° inclination on almost all materials
- > Reduces slipping of tools when working at an angle (tiled roof, crimped roof, etc.)
- > As a basis for the transport of sensitive sanitary goods (e.g., washbasins, WC, etc.)
- > Special sizes on request

Item No.:	Description	Retailer packaging unit/piece
ARM	Anti-slip mat 1800 x 450 mm, 0.5 kg	10  E

-  Antirutsch-Matte
-  Tappeto antiscivolo
-  Tapis antidérapant à usages multiples
-  Alfombrilla antideslizante

MASC Sign: “Gas-Water-Emergency Service”, “Dachdecker im Einsatz

[Roofer on duty]” and “Spengler im Einsatz [Tinsmith on duty]”

Sign: “Gas-Water-Emergency Service”

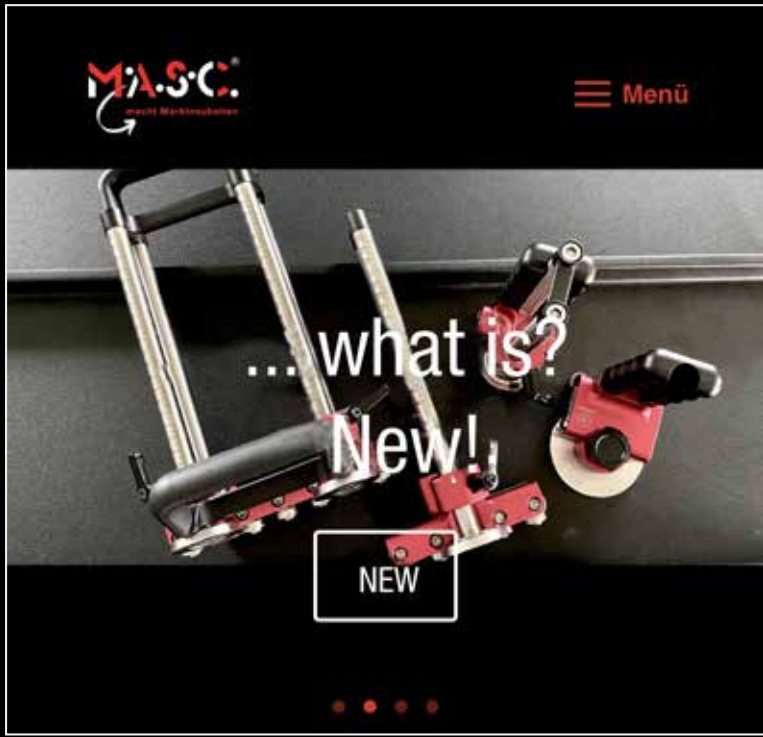
- > Printed in one colour: white on red
- > Plastic sign with suction pads for attaching to the windscreen of your vehicle

Sign: “Dachdecker im Einsatz [Roofer on duty]” and “Spengler im Einsatz [Tinsmith on duty]”

- > Printed in one colour: white on black
- > Plastic sign with suction pads for attaching to the windscreen of your vehicle

Item No.:	Description	Retailer packaging unit/piece
GWS	Sign: Gas-water emergency service 190 x 150 mm, 0.05 kg	20  E
DSB	Sign: Dachdecker im Einsatz [Roofer on duty] 190 x 150 mm, 0.05 kg	20  E
SES	Sign: Spengler im Einsatz [Tinsmith on duty] 190 x 150 mm, 0.05 kg	20  E

-  Schild „Gas-Wasser-Notdienst“
-  Cartello: “servizio d'emergenza gas acqua”
-  Enseigne « Service d'urgence Gaz-Eau »
-  Rótulo «Servicio de emergencia Gas-Agua»



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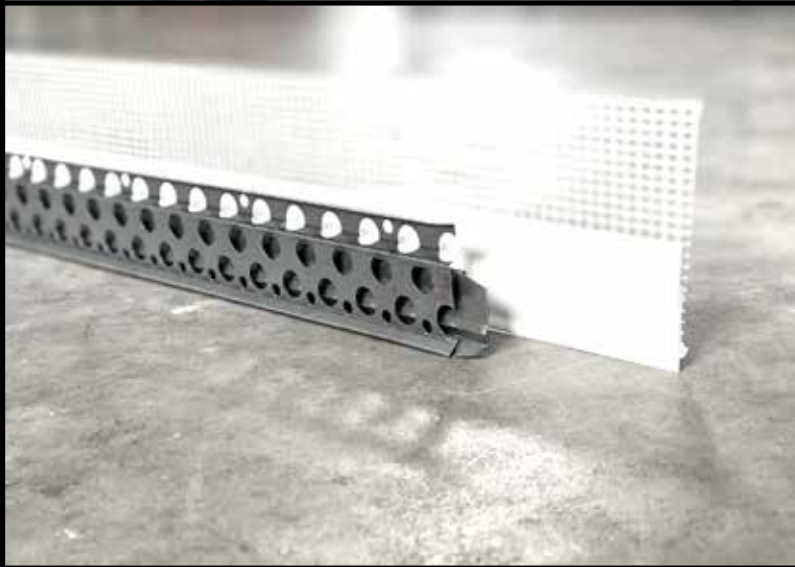
 Office and distribution:
Funkweg 12a
89250 Senden, Germany

 Demonstration and training centre and logistics centre :
Lange Morgen 15
72768 Reutlingen, Germany





Special building materials



MASC HT plastic pipe transition for vertical installation

HT transition [from 110 mm to 97 to 103 mm inside diameter]

- > for SML pipes, socketless HT, KG, PE pipes, cast iron pipes and downpipes
- > as a connection to the ventilation tile for line ventilation
- > for floor-standing WCs with and without 'concealed outlet'
- > suitable for floor-standing WCs with DN100 uni-outlet for wall or floor outlet, if the socket on the 100 pipe has been sawn off.

Use examples:

Renovation of old buildings:

- > Due to the thinner walls, DN90 drain pipes were laid, customer wants a floor-standing WC with Uni100 outlet and not a wall-hung WC
- > HT transition without rubber sleeve fits into a DN90 HT drain pipe without a socket
- > Only the rubber sleeve fits into a DN100 HT drain pipe without a socket (red. to DN90)
- > If a DN90 line pipe has been laid, the ventilation tile is DN100. This means that the DN90 pipe can be easily connected to the ventilation tile using HTÜ.

New construction:

- > More DN90 drainage pipes are being laid, the flushing behaviour changes due to the toilet flush buttons (lower water volume).



Item No.:	Description	Retailer packaging unit/piece
HTÜ	HT plastic pipe transition Transition DN 110 to 100 mm	5 G
HTÜ125	HT plastic pipe transition Transition DN 125 to 120 mm	5 G



HT-Kunststoffrohrübergang für den senkrechten Einbau Raccordo per tubi in plastica HT per installazione verticale
Raccord pour tuyau HT pour le montage vertical Transición de tubos de plástico HT para montaje perpendicular

MASC Uni-Flex spigot

- > Versatile connection options
- > Available in lengths up to 440 mm
- > Extendable and flexibly adjustable to all angles
- > Can be used, e.g., in venting, gutter pipe and WC areas

Use examples:

- 1) In the ventilation area as a connection between HT pipe and roof ventilation tile.
- 2) The Uni-Flex spigot as a WC connection - space-saving use in old and new buildings. As a drain spigot, elbow with different degrees and as a staging.

Item No.:	Description	Retailer packaging unit/piece
UFS	Uni-Flex spigot 240 mm long, Ø 140 mm, 0.45 kg	30 G



Uni-Flex-Stutzen Bocchettoni Uni-Flex
Flexible universel de raccordement Manguitos universales flexibles



MASC Universal backflow seal

- > Optimum problem solution for floor-standing WCs with concealed outlet
- > Backflow seal for the secure connection of flat roof drains to pipe systems without sockets
- > No roll rings, no silicone, no putty!
- > Reducer suitable for KG/HT/PE and cast iron pipes or other pipe systems with and without socket



RSGVK

Item No.:	Description	Retailer packaging unit/piece
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Standard sizes - also available as a starter set!

RSG 50/75	Reducer, rubber 50 mm, 0.034 kg	10 G
RSG 75/100	Reducer, rubber 55 mm, 0.074 kg	10 G
RSG 90/110	Reducer, rubber 55 mm, 0.091 kg	10 G
RSG 110/125	Reducer, rubber 76 mm, 0.055 kg	10 G

Special sizes

RSG 56/90	Reducer, rubber 56 mm, 0.034 kg	10 G
RSG 63/90	Reducer, rubber 63 mm, 0.074 kg	10 G
RSG 95/111	Reducer, rubber 95 mm, 0.091 kg	10 G

XXL

RSG 125/155	Reducer, rubber 125 mm, 0.034 kg	10 G
RSG 140/175	Reducer, rubber 140 mm, 0.074 kg	10 G
RSG 160/196	Reducer, rubber 160 mm, 0.091 kg	10 G

Item No.:	Description	Retailer packaging unit/piece
RSGVK	Reducer, rubber 110 mm to 100 mm with cover flap	1 E



Universal Rückstaudichtung
Joint anti-retour universel

Riduttore in gomma con tappo
Junta antirretorno universal

Ø 50	Ø 56	Ø 63	Ø 75	Ø 90	Ø 95	Ø 110	Ø 125	Ø 140	Ø 160
Ø 61 Ø 77	Ø 73 Ø 90	Ø 73 Ø 90	Ø 87 Ø 90	Ø 105 Ø 111	Ø 105 Ø 111	Ø 120 Ø 135	Ø 152 Ø 160	Ø 152 Ø 200	Ø 194 Ø 200
RSG 50/75	RSG 56/90	RSG 63/90	RSG 75/100	RSG 90/110	RSG 95/111	RSG 110/125	RSG 125/155	RSG 140/175	RSG 160/196

Application table for universal backflow seal:

Sorted according to type					Suitable backflow seal										XXL	XXL	XXL
	DN	OD Ø	ID Ø	WS	Ø 50	Ø 56	Ø 63	Ø 75	Ø 90	Ø 95	Ø 110	Ø 125	Ø 140	Ø 160			
PE-HD	63	63	57.0	3.0	X												
	75	75	69.0	3.0	X	X	X										
	90	90	83.0	3.5		X	X	X									
	110	110	101.4	4.3				X	X	X							
	125	125	115.2	4.9							X						
	150	160	147.6	6.2								X	X				
	200	200	187.6	6.2									X	X			
PVC-HT	75	75	71.2	1.9	X	X	X										
	110	110	104.6	2.7				X	X	X							
	125	125	118.8	3.1							X						
	150	150	152.2	3.9								X	X				
	200	200	190.7	4.9									X	X			
SML casting	70	78	71.0	3.5	X	X	X										
	80	88	81.0	3.5		X	X	X									
	100	110	103.0	3.5				X	X	X							
	125	135	127.0	4.0							X						
	150	160	152.0	4.0								X	X				
Eternit	70	84	70.0	7.0	X	X	X										
	80	96	80.0	8.0		X	X	X									
	100	116	100.0	8.0				X									
	125	141	125.0	8.0							X						
	150	168	150.0	9.0								X	X				

Technical data:

Ø Lip		Diameter of the sealing lips										XXL	XXL	XXL
		Ø 50	Ø 56	Ø 63	Ø 75	Ø 90	Ø 95	Ø 110	Ø 125	Ø 140	Ø 160			
	A	77	90	90	108	111	111	135	160	200	200			
	B	74	90	90	108	110	110	133	160	196	196			
	C	66	74	74	91	108	108	124	154	156	196			
	D	64	73	73	98	106	106	122	154	156	194			
	E	61	73	73	97	105	105	120	152	152	194			



MASC Oil absorbent pad

Absorbent pad for oils and other lubricants - serves as a perfect base for repair and maintenance work or in sensitive areas of machines and systems.

- > Absorbs oils, fuels, cooling lubricants and other hydrocarbons immediately and binds them internally
- > After use, the absorbent pad can be carried away in the supplied disposal bag without losing liquid (tear-resistant carrying handles)
- > When working in hazardous areas, e.g., boilers, the absorbent pad is simply placed under the work area
- > Useful addition for your assembly vehicles
- > Minimal space requirement due to small empty volume
- > Easy handling
- > Packaging can be used as a base to prevent the liquid from seeping through
- > Absorbs up to 5 litres of oils or other lubricants
- > Can be used several times until total suction power is reached

! Total output must not be exceeded

Please note! The private or commercial end user is responsible for proper and environmentally friendly disposal.

! Fits with:
MASC Saugfix [Smart absorbent]
see page 81

Item No.:	Description	Retailer packaging unit/piece
SKOEL	MASC Absorbent pad up to 5 litres 400 x 600 mm, 0.4 kg	10 G

! Saugkissen Öl

! Cuscinetto assorbente olio

! Coussin absorbant pour huile

! Almohadilla absorbente para aceite



MASC Absorbent pad

Absorbent pad for water and other non-oily liquids - serves as the perfect underlay for repair and maintenance work or in sensitive areas in the home.

- > Absorbs liquid immediately and binds it inside.
- > After use, the absorbent pad can be carried away without losing liquid (tear-resistant carrying handles)
- > Residual water can be sucked up without a cloth, bucket or wet vacuum cleaner (water damage is drastically reduced)
- > When working in the building, e.g., changing the siphon, the absorbent pad is simply placed under the work area
- > Ideal for flat roofs, plumbing repairs, draining radiators or working on washing machines or tumble dryers
- > Useful addition for your assembly vehicles
- > Minimal space requirement due to small empty volume
- > Easy handling, for uncontaminated water disposal with household waste
- > Absorbs up to 25 litres of water (15 litres in 30 seconds), i.e., 60 times its own weight

! Fits with:
MASC Saugfix [Smart absorbent]
see page 81

Item No.:	Description	Retailer packaging unit/piece
SK 25	Absorbent pad up to 25 litres 640 x 770 mm, 0.4 kg	10 G

! Saugkissen

! Cuscinetto assorbente

! Coussin absorbant

! Almohadilla absorbente



MASC PE gutter pipe

1 metre and 5 metres grey and brown

- > Optically perfect transition to the rainwater downpipe:
Zinc grey for zinc downpipes, copper brown for copper downpipes
- > Optimum colouring
- > Weather-resistant
- > Resistant to ageing
- > Weldable
- > Impact-resistant and frost-resistant
- > UV-resistant
- > Lighter than SML or metal gutter pipes
- > Simple processing
- > Can be mounted in lengths of up to 5 m to protect the rainwater pipe

! 5 m poles only available in frames

- Delivery ex works -



! Suitable gutter pipe bead
see p.64

! Suitable gutter pipe clamp
see p.64

Item No.:	Description	Retailer packaging unit/running metre
PS110B	PE gutter pipe brown 110 mm x 5 mtr, for 87/100 mm downpipe	225 E
PS90B	PE gutter pipe brown 90 mm x 5 mtr, for 60/76/80 mm downpipe	225 E
PS110G	PE gutter pipe grey 110 mm x 5 mtr, for 87/100 mm downpipe	225 E
PS90G	PE gutter pipe grey 90 mm x 5 mtr, for 60/76/80 mm downpipe	225 E
PS110PLG	PE gutter pipe anthracite 'Premium line' 90 mm x 5 mtr, for 87/100 mm downpipe	225 E
PS110B1	PE gutter pipe brown 110 mm x 1 mtr, for 87/100 mm downpipe	24 E
PS90B1	PE gutter pipe brown 90 mm x 1 mtr, for 60/76/80 mm downpipe	24 E
PS110G1	PE gutter pipe grey 110 mm x 1 mtr, for 87/100 mm downpipe	24 E
PS90G1	PE gutter pipe grey 90 mm x 1 mtr, for 60/76/80 mm downpipe	24 E
PS125G1	PE gutter pipe anthracite 'Premium line' 125 mm x 1 mtr, for 87/100 mm downpipe	24 E
PS110PLG1	PE gutter pipe anthracite 'Premium line' 110 mm x 1 mtr, for 87/100 mm downpipe	24 E



! PE-Standrohr

! Tuyau en fonte PE

! Discendente

! Tubos verticales de PE





MASC Gutter pipe clamp

- brown, grey or anthracite for PE pipe
- > With weather-resistant coating
 - > Available in copper brown and zinc grey
 - > Colour-coordinated with PE pipe brown and grey
 - > Fixing the gutter pipe clamp by hammering in, dowelling, screwing into wood or with threaded rods M8/M10

Item No.:	Description	Retailer packaging unit/piece
SRB110	Gutter pipe clamp 110 Ø brown with threaded socket M8/M10	50 I
SRG110	Gutter pipe clamp 110 Ø grey with threaded socket M8/M10	50 I
SRGPL110	Gutter pipe clamp anthracite 110 Ø grey with threaded socket M8/M10	50 I
SRB 90	Gutter pipe clamp 90 Ø brown with threaded socket M8/M10	50 I
SRG 90	Gutter pipe clamp 90 Ø grey with threaded socket M8/M10	50 I

Standrohrschelle Fascetta per discendente
Bride de fixation pour les tuyaux en fonte Abrazaderas para tubos estándar



MASC Gutter pipe bead with tension effect

- > Open and flexible for insertion between standpipe and downpipe
- > Even gutter pipe ends that are cut off at an angle or unclearly are covered
- > Visually attractive finish
- > Can also be retrofitted by bending up
- > Cu and Zn in 80 Ø, 100 Ø and 120 Ø



grey/zinc anthracite brown/copper

Item No.:	Description	Retailer packaging unit/piece
CW 80	Cu gutter pipe bead 80/95, 0.9 kg	25 I
ZW 80	Zn gutter pipe bead 80/95, 0.9 kg	25 I
AW 100	Alu gutter pipe bead anthracite 100/115, 0.12 kg	25 I
CW 100	Cu gutter pipe bead 100/115, 0.12 kg	25 I
ZW 100	Zn gutter pipe bead 100/115, 0.11 kg	25 I
CW 120	Cu gutter pipe bead 120/150, 0.16 kg	25 I
ZW 120	Zn gutter pipe bead 120/150, 0.16 kg	25 I

Standrohrwulst mit Federwirkung Tondino per discendente con effetto a molla
Renflement du tuyau en fonte avec effet à ressort Refuerzos para tubos estándar con efecto de resorte

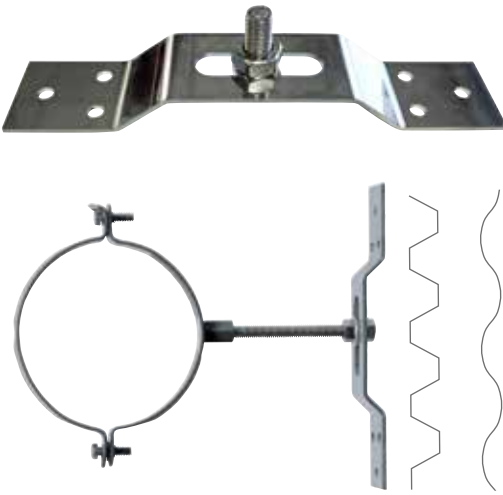


MASC Pipe clamp adapter

- > Adapter for attaching pipe clamps to all trapezoidal and corrugated sheets
- > Pre-drilled holes with grub screw M10, 15 mm long

Item No.:	Description	Retailer packaging unit/piece
RSAE	Stainless steel pipe clamp adapter 185 x 35 x 40 mm, 0.1 kg Supplied without pipe clamp	10 I

Rohrschellenadapter Adattatore per fascette
Adaptateur bride de fixation Abrazadores para abrazaderas de tubo



MASC Provisional downpipe

- > Damage to the building due to draining water is avoided
- > No more construction of emergency drains from HT or KG
- > No damage caused by painters or plasterers when removing the downpipes
- > Suitable for drainpipes with Ø 60/76/80/87/100/120

Item No.:	Description	Retailer packaging unit/piece
FRP	Provisional downpipe Roll á 100 m, 3.6 kg	6 F

Fallrohrprovisorium Tubo di scarico provvisorio
Descente provisoire d'eaux pluviales Tubo bajante provisional



COLOURED WITH LOGO PRINT

MASC Pipe branch connector

- > One-piece pipe branch connector for retrofitting in the downpipe
- > Installation on mounted downpipe possible
- > Particularly short installation time of approx. 5-10 minutes, fastening with two rivets
- > No sawing off of the downpipe necessary
- > Additional pipe clamps may not be required
- > Delivery includes template for the cut-out
- > Available in copper, zinc, Uginox

Various versions / sizes available on request! While stocks last.

Item No.:	Description	Retailer packaging unit/piece
ZRA6010072°	Zn Pipe branch connector 60 to 100 mm downpipe with 72° 60/80/100 mm with 72°	10 I

Ordering: When ordering, please always state the Ø of the pipe branch connection, the Ø of the existing downpipe and the number of degrees.

Rohrabzweigstutzen Bocchettoni di deviazione
Raccord tubulaire Tubuladuras para ramales de tuberías



Example of the cut-out according to the template in the downpipe

Pre-assembled pipe branch connection in the existing downpipe





Now NEW: Available in all RAL colours! Price on request.

MASC Leaf catcher with rainwater collector

Rainwater collector and leaf catcher combined. Leaf catcher with integrated V₂A leaf basket. The leaf basket is removed and emptied by simply opening the pipe flap. After cleaning, reinsert the leaf basket into the pipe flap and close it - there is no easier way to clean the gutter.

- Rainwater collector:
- > Automatically regulates the water level in the rain barrel thanks to its overflow system
 - > Quick and easy installation in the rainwater downpipe
 - > Installation set with connection hose incl. connection screw fitting and barrel connection, end cap and instructions
 - > Available in copper or zinc for pipe diameters 76 mm, 80 mm, 87 mm, 100 mm and 120 mm

Copper	Zinc	Description	Retailer packaging unit/piece
CLR76	ZLR76	Leaf catcher + rainwater collector Copper or zinc, for 76 mm pipes	5
CLR80	ZLR80	Leaf catcher + rainwater collector Copper or zinc, for 80 mm pipes	5
CLR87	ZLR87	Leaf catcher + rainwater collector Copper or zinc, for 87 mm pipes	5
CLR100	ZLR100	Leaf catcher + rainwater collector Copper or zinc, for 100 mm pipes	5
CLR120	ZLR120	Leaf catcher + rainwater collector Copper or zinc, for 120 mm pipes	5



Laubfänger mit Regenwassersammler Raccogli-foglie con raccolta acqua piovana
 Récupérateur de feuilles avec collecteur d'eaux pluviales Recogedor de hojas con colector de agua de lluvia

MASC Rainwater collector

- > automatically regulates the water level in the rain barrel thanks to its overflow system
- > quick and easy installation in the rainwater downpipe
- > installation set with connection hose incl. connection screw fitting, barrel connection, end cap and instructions
- > available in copper or zinc
- > for pipe diameters 76 mm, 80 mm, 87 mm, 100 mm and 120 mm

Copper	Zinc	Description	Retailer packaging unit/piece
CR76	ZR76	Rainwater collector Copper or zinc, for 76 mm pipes	5
CR80	ZR80	Rainwater collector Copper or zinc, for 80 mm pipes	5
CR87	ZR87	Rainwater collector Copper or zinc, for 87 mm pipes	5
CR100	ZR100	Rainwater collector Copper or zinc, for 100 mm pipes	5
CR120	ZR120	Rainwater collector Copper or zinc, for 120 mm pipes	5

Regenwassersammler Raccoglitore di acqua piovana
 Collecteur d'eaux pluviales Colector de aguas pluviales



Now NEW: Available in all RAL colours! Price on request.



MASC Rainwater hatch with V₂A leaf basket

- > Rainwater hatch for insertion into rainwater downpipes
- > Internal leaf trap basket made of V₂A
- > Easy removal of the leaf basket for emptying
- > Flap available in copper or zinc



Now NEW: Available in all RAL colours! Price on request.

Item No.:	Description	Retailer packaging unit/piece
CRK 100	Copper rainwater hatch with V ₂ A leaf basket for DN 100 mm	5
ZRK 100	Zinc rainwater hatch with V ₂ A leaf basket for DN 100 mm	5
URK 100	Uginox rainwater hatch with V ₂ A leaf basket for DN 100 mm	5

Regenwasserklappe mit V₂A-Laubkorb Scarico acqua piovana con cestello per foglie V₂A
 Clapet pour eaux pluviales avec crapaudine en V₂A MASC trampilla para aguas pluviales con cesto V₂A para hojas



MASC Leaf catcher with V₂A leaf basket

- > The leaf catcher with integrated V₂A leaf basket,
- > Mounted at a height of approx. 1 metre in the downpipe for easy cleaning
- > Easy operation by simply opening the pipe flap
- > Simple, uncomplicated installation, also possible in an existing rainwater downpipe
- > Available in copper or zinc for pipe diameters 76 mm, 80 mm, 87 mm, 100 mm and 120 mm

Copper	Zinc	Description	Retailer packaging unit/piece
CL76	ZL76	Leaf catcher Copper or zinc, for 76 mm pipes	5
CL80	ZL80	Leaf catcher Copper or zinc, for 80 mm pipes	5
CL87	ZL87	Leaf catcher Copper or zinc, for 87 mm pipes	5
CL100	ZL100	Leaf catcher Copper or zinc, for 100 mm pipes	5
CL120	ZL120	Leaf catcher Copper or zinc, for 120 mm pipes	5
	UL100	Leaf catcher Uginox, for 100 mm pipes	5

Also available in XXL

Item No.:	Description	Retailer packaging unit/piece
CL100W5	Copper leaf catcher with large leaf basket 5 litres Capacity, suitable for downpipes 100 mm	5
ZL100W5	Zinc leaf catcher with large leaf basket 5 litres Capacity, suitable for downpipes 100 mm	5
UL100W5	Uginox leaf catcher with large leaf basket 5 litres Capacity, suitable for downpipes 100 mm	5



Laubfänger mit V₂A-Laubkorb Raccogli-foglie con cesto V₂A
 Récupérateur de feuilles avec crapaudine en V₂A Recogedor de hojas con cesto V₂A para hojas



Now NEW: Available in all RAL colours! Price on request.





MASC Zn/Cu reducer

- > For reducing in the gutter pipe area
- > For branches
- > For gutter collector and extensions
- > Versatile use in old buildings, for repair work, etc...
- > Available in zinc and copper
- > The reducer can be easily adapted (narrow to wide, wide to narrow) by sawing off or widening (MASC cone)



Example: Reductionpiece sawn off

Item No.:	Description	Retailer packaging unit/piece
CRS60/80/100	Cu reducer 60/80/100	10 F
ZRS60/80/100	Zn reducer 60/80/100	10 F
CRS80/100/120	Cu reducer 80/100/120	10 F
ZRS80/100/120	Zn reducer 80/100/120	10 F
CRS60/76/87	Cu reducer 60/76/87	10 F
ZRS60/76/87	Zn reducer 60/76/87	10 F
CRS76/87/100	Cu reducer 76/87/100	10 F
ZRS76/87/100	Zn reducer 76/87/100	10 F

Zn/Cu Reduzierstück *Riduttore in Zn/Cu*
 Pièce de réduction (Zn/Cu) *Reductor Zn/Cu*



MASC Reducer for renovating existing pipes

- > For reducing in the gutter pipe area when using special pipes
- > For branches
- > Versatile use in old buildings, for repair work, etc...
- > Available in zinc and copper
- > The reducer can be easily adapted (narrow to wide, wide to narrow) by sawing off or widening (MASC cone)
- > Protects against cement dust

Item No.:	Description	Retailer packaging unit/piece
ZRS 60/50	Zn reducer Ø 60 Downpipe on HT 50 socket	1 F
ZRS 80/67	Zn reducer Ø 80 Downpipe on PE/HT/SML Ø 75	1 F
ZRS 100/67	Zn reducer Ø 100 Downpipe on PE/HT/SML Ø 75	1 F
CRS 60/50	Cu reducer Ø 60 Downpipe on HT 50 socket	1 F
CRS 80/67	Cu reducer Ø 80 Downpipe on PE/HT/SML Ø 75	1 F
CRS 100/67	Cu reducer Ø 100 Downpipe on PE/HT/SML Ø 75	1 F

Sonder-Reduzierstücke *Riduttori speciali*
 Pièce de réduction spéciale *Reductores especiales*



MASC Reducer for PE gutter pipe 125 Ø

> Cu/Zn reducer from 120 Ø downpipe to PE gutter pipe 125 mm Ø

Item No.:	Description	Retailer packaging unit/piece
ZRS 120/113	Zn reducer for PE gutter pipe 125 mm Ø	1 F
CRS 120/113	Cu reducer for PE gutter pipe 125 mm Ø	1 F

Reduzierstück für PE-Standrohr 125 Ø *Riduttore per tubo verticale PE 125*
 Réducteur pour tuyau en PE de 125 Ø *Reductor para tubo vertical de PE 125 Ø*



MASC Zinc transition Slim

- Transition from, e.g., 76 HT to 75 aluminium/V₂A/zinc pipe
- No protruding/visible cuff
- Integrated, internal sealing ring



Exclusively for mounting in vertical areas.

Item No.:	Description	Retailer packaging unit/piece
ZÜ75/80S	Zn transition with seal	6 F
ZÜ76/75S	Zn transition with seal	6 F
ZÜ110/100S	Zn transition with seal	6 F

Zink Übergang Slim *Raccordo in zinco Slim*
 Raccord en zinc Slim *Transición de zinc Slim*



MASC Eccentric gutter pipe cap

- > Eccentric gutter pipe cap for vertical installation of the downpipe in the gutter pipe
- > Downpipe thus runs parallel to the house wall and not at an angle in the plinth area

Item No.:	Description	Retailer packaging unit/piece
CSK 60/111	Gutter pipe cap copper 60/111 eccentric. approx. 38 mm, 0.075 kg	10 G
CSK 76/111	Gutter pipe cap copper 76/111 eccentric. approx. 38 mm, 0.075 kg	10 G
CSK 80/111	Gutter pipe cap copper 80/111 eccentric. approx. 38 mm, 0.075 kg	10 G
CSK 87/111	Gutter pipe cap copper 87/111 eccentric. approx. 38 mm, 0.075 kg	10 G
ZSK 60/111	Gutter pipe cap zinc 60/111 eccentric. approx. 38 mm, 0.075 kg	10 G
ZSK 76/111	Gutter pipe cap zinc 60/111 eccentric. approx. 38 mm, 0.075 kg	10 G
ZSK 80/111	Gutter pipe cap zinc 80/111 eccentric. approx. 38 mm, 0.075 kg	10 G
ZSK 87/111	Gutter pipe cap zinc 87/111 eccentric. approx. 38 mm, 0.075 kg	10 G

Standrohrkappen exzentrisch *Tappi per tubi in zinco eccentrici*
 Renflement excentrique permet montage horizon- *Tapon de tubo excéntrico*
tal tuyau de descente dans tuyau en fonte





MASC HT plastic pipe transition for vertical installation

HT transition [from 110 mm to 97 to 103 mm inside diameter]

- > For SML pipes, socketless HT, KG, PE pipes, cast iron pipes and downpipes
- > As a connection to the ventilation tile for line ventilation
- > For floor-standing WCs with and without 'concealed outlet'
- > Suitable for floor-standing WCs with DN100 uni-outlet for wall or floor outlet, if the socket on the 100 pipe has been sawn off.

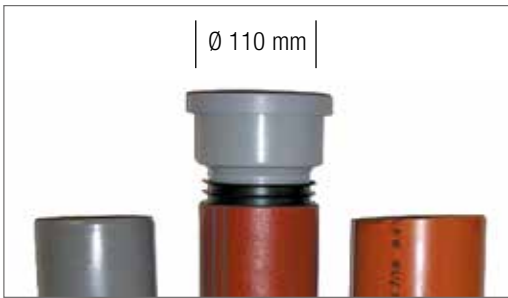
Use examples:

Renovation of old buildings:

- > Due to the thinner walls, DN90 drain pipes were laid, customer wants a floor-standing WC with Uni100 outlet and not a wall-hung WC
- > HT transition without rubber sleeve fits into a DN90 HT drain pipe without sleeve
- > Only the rubber sleeve fits into a DN100 HT drain pipe without a socket (red. to DN90)
- > If a DN90 line pipe has been laid, the ventilation tile is DN100. This means that the DN90 pipe can be easily connected to the ventilation tile using HT transition.

New construction:

- > More DN90 drainage pipes are being laid, the flushing behaviour changes due to the toilet flush buttons (lower water volume).



Item No.:	Description	Retailer packaging unit/piece
HTÜ	HT plastic pipe transition Transition DN 110 to 100 mm	5 G
HTÜ125	HT plastic pipe transition Transition DN 125 to 120 mm	5 G



HT-Kunststoffrohrübergang für den senkrechten Einbau

Raccord pour tuyau HT pour le montage vertical

Raccordo in plastica HT per installazione verticale

Transición de tubos de plástico HT para montaje vertical

MASC PE gutter pipe transition 90/110 and transition ring on KG/HT

- > Optimum transition from the sewer pipe system (110 Ø) to your PE gutter pipe (90 Ø)
- > PE 90/110
- > Colour: Black
- > Quick plug-in installation, no welding necessary



ÜR102/110

Item No.:	Description	Retailer packaging unit/piece
PSÜ90/110	PE gutter pipe transition 90/110 90 or 110 mm, 120 x 80 mm, 0.15 kg	5 C



PE-Standrohrübergang 90/110

Raccord pour tuyau en fonte PE 90/110 mm

Raccordo per tubo verticale in PE 90/110 e anello su KG/HT

Transición tubo vertical-PE 90/110 y anillo de transición KG/HT



PSÜ90/110

MASC Quick-mounting dowel and plastic rosette for pipe clamps

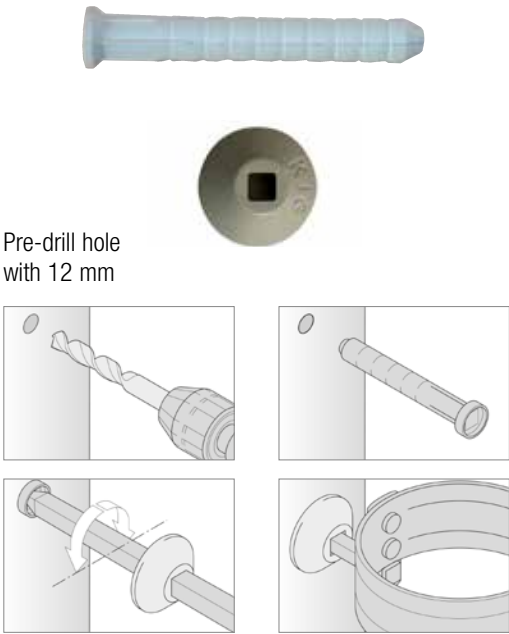
- > Special dowel with square drive
- > No need for time-consuming wooden dowel making
- > High stability and durability is ensured
- > Saves time and money through rationalised work
- > Plastic rosette covers the drill hole cleanly

Item No.:	Description	Retailer packaging unit/piece
RSD	Pipe clamp dowels	100 G
KR	Plastic rosette	100 G



Schnellmontagedübel und Kunststoffrosette für Rohrschellen
 Cheville à montage rapide et rosette en PVC pour colliers

Tassello di montaggio rapido e rosetta in plastica per fascette per tubi
 Taco de anclaje rápido y roseta de plástico para abrazaderas de tubos



MASC Thermal anchor

The secure hold for composite thermal insulation systems

- > Thermal separation of the hot-dip galvanised anchor through the use of plastic parts
- > Stable frictional connection between rainwater downpipe and building also suitable for high buildings and larger pipe diameters
- > Installation possible before or after the insulation work
- > Pre-drill with 18 mm drill bit
- > Insertion depth: approx. 6-8 cm for brick, approx. 4 cm for concrete

Item No.:	Description	Retailer packaging unit/piece
TA160	Thermal anchor length: 210 mm, Ø 18 mm recommended for insulation of approx. 100 mm	25 F
TA200	Thermal anchor length: 250 mm, Ø 18 mm empfohlen für Isolierungen von ca. 100 – 150 mm	25 F
TA300	Thermal anchor length: 330 mm, Ø 18 mm empfohlen für Isolierungen von ca. 150 – 220 mm	25 F

Thermoanker
 Ancrage thermique

Ancoraggio termico
 Anclaje térmico



MASC Connection adapter

- > creates a transition from M8 internal thread to M10 external thread. e.g., transition MASC thermal anchor to pipe clamp M10 screw thread.

Item No.:	Description	Retailer packaging unit/piece
VA	Connection adapter M8/M10	100 I



Verbindungsadapter
 Adaptateur de raccordement

Adattatore per raccordi
 Adaptador de conexión





MASC Gutter collector

with vulcanised back panel for cubic building styles

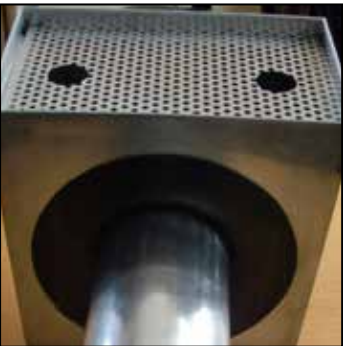
- > Quick and easy installation
- > Flexible pipe connection, possible due to vulcanised rear wall
- > Connection option for pipe diameters of approx. 60 - 120 mm
- > Make the hole cut-out correspondingly smaller (e.g. cut out approx. 70 mm for 100 mm pipe diameter).
- > Backflow-proof
- > With emergency overflow, leaf guard and ventilation grille
- > Industrial property rights granted



Back



Front side



Top side

i Prices are subject to the current metal quotations

Item No.:	Description	Retailer packaging unit/piece
ZRKV100	Zn Gutter collector with vulcanised back wall for downpipe 100 mm	1 E
URKV100	Uginox Gutter collector with vulcanised back wall, for downpipe 100 mm, Uginox	1 E
ZRKVV100	Zn Gutter collector with vulcanised back wall for downpipe 100 mm, pre-weathered	1 E

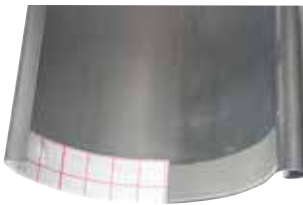


Rinnenkessel
 Cuvette de descente

Serbatoio per canaline
 Colector de canaleta

MASC Gutter seam insert

- > Processing independent of weather conditions
- > Non-reactive, permanently adhesive and permanently plastic inlay tape
- > Self-welding with immediate sealing effect
- > Volume-resistant and solvent-free, physiologically harmless and environmentally friendly
- > Resistant to ageing, weathering and UV light for decades
- > Water and vapour-tight
- > Excellent compatibility with most building and construction materials



Item No.:	Description	Retailer packaging unit/piece
RNS	Gutter seam set, 6 running metres. Gutter seam insert + 200 pcs. Sealing rivets, stainless steel 3.2 mm	1 E
NE	Seam interlining, nanofilament 6 running metres. Gutter seam insert	1 E
DNE32	Sealing rivet 200 pcs. Sealing rivets, stainless steel 3.2 mm	1 E



Rinnennaht-Einlage
 Revêtement pour couture de chéneaux

Inserto per saldatura canaline
 Inserto para cordón de canaleta

MASC Plastic separating cover

for gutter ends on plaster/wall

- > Optimum transition for gutter ends on plaster and masonry
- > The expansion of the channel in the cover prevents cracking of the plaster
- > To avoid ugly streaks on the brickwork, the plastic cover is fitted between the plaster and the gutter on the gutter end piece
- > Version: white plastic



Item No.:	Description	Retailer packaging unit/piece
KTD33	Plastic separating cover white 33/6-piece, 0.07 kg	10 I
KTD28	Plastic separating cover white 28/7-piece, 0.05 kg	10 I
KTD25	Plastic separating cover white 25/8-piece, 0.04 kg	10 I



Kunststoff-Trenndeckel
 Embout de gouttière, en P.V.C.

Coperchio separatore in materiale sintetico
 Tapas separadoras de plástico





MASC Stainless steel scrim

- > Capillary stop made of V₄A
- > Stainless steel scrims, 70mm wide, 12.5m per roll incl. adhesive pads
- > Prevents waterlogging between the inlet plate and cover couler
- > Favours the drainage of condensate (condensation water)

Item No.:	Description	Retailer packaging unit/piece
EWG	V ₄ A stainless steel scrim 'Capillary stop' on roll 70 mm wide, 12.5 m long	1 



 *Edelstahl-Wirrgelege*
 *Bande en fil inox non-tissé*

 *Tappetino in acciaio inox*
 *Tejido espiral de acero inoxidable*



MASC Zauberfix 1 kg container

- > Permanently elastic insulating membrane for repair and sealing work
- > Can be applied to wet surfaces
- > 300 kg / cm² Adhesive force
- > Suitable for coating
- > For all substrates such as metals, stone/stoneware, wood-based materials, etc. (except PP, PE, TFE)
- > Sealing terraces and roofs, gutters, domes, ridge areas, chimneys, etc.

Technical properties:

- > Permanently elastic from -40 °C to +90 °C
- > Quick drying, good opacity, non-flammable, odourless
- > High resistance to UV radiation, weathering and extreme temperature gradients
- > Free of odours, solvents, bitumen, silicones or isocyanates

Item No.:	Description	Retailer packaging unit/piece
ZF1	Zauberfix 1 kg container	1 









 *Zauberfix 1 Kg Gebinde*
 *Zauberfix, récipient de 1 kg*

 *Zauberfix barattolo da 1 Kg*
 *Zauberfix bote de 1 kg*



MASC Leavecatcher module

- > professionally prevents the drainage pipes from clogging and thus the channel from overflowing
- > professionally prevents the drainage pipes from clogging and thus the channel from overflowing
- > available for 40, 33 or 28 gutters

Item No.:	Description	Retailer packaging unit/piece
CLM 28	Copper Leavecatcher module 375 mm, 0.25 kg	5 
ZLM 28	Zinc Leavecatcher module 375 mm, 0.26 kg	5 
CLM 33	Copper Leavecatcher module 375 mm, 0.25 kg	5 
ZLM 33	Zinc Leavecatcher module 375 mm, 0.26 kg	5 
CLM 40	Copper Leavecatcher module 375 mm, 0.25 kg	5 
ZLM 40	Zinc Leavecatcher module 375 mm, 0.26 kg	5 






 *Laubfangmodul*
 *Module-Treillis à feuilles empêche bouchons ainsi que la gouttière de déborder*

 *Rete raccogli-foglie*
 *Módulo colector de hojas*

MASC High sheet metal, made in Germany

A metal sheet for all occasions...
Sound-insulating, self-sealing, revolutionary.

-  No additional sealing measures
-  No separation layer required
-  No tangled scrims required for noise insulation

- > Revolutionary, full-surface EPDM coating
- > Noise insulation through foamed volume coating
- > Replaces conventional separation layers
- > Replaces conventional release coatings
- > Absolutely vapour diffusion-tight
- > Optimum sealing properties, e.g., in the crimping area
- > Ideally suited for roof pitches from 1.5 ° and flat barrel vaults








Structure:

0.7 mm aluminium sheet
0.3 mm QCC coating (4-layer, patented coating)

Available in patina zinc, anthracite, patina dark and testa di moror!
Also available in zinc.



Save material and time thanks to the revolutionary QCC coating!

Item No.:	Description	Retailer packaging unit/kg
QCCAA	Aluminium sheet anthracite with QCC coating 10,000 x 500 x 1 mm, 1 kg	1 
QCCASD	Aluminium sheet Patina Dark with QCC coating 10,000 x 500 x 1 mm, 1 kg	1 
QCCAZ	Aluminium sheet patina zinc with QCC coating 10,000 x 500 x 1 mm, 1 kg	1 
QCCAT	Aluminium sheet testa di moro with QCC coating 10,000 x 500 x 1 mm, 1 kg	1 
QCCZB	Bright zinc sheet with QCC coating 10,000 x 500 x 1 mm, 1 kg	1 
QCCZD	Zinc sheet dark with QCC coating 10,000 x 500 x 1 mm, 1 kg	1 
QCCZV	Zinc sheet, pre-weathered with QCC coating 10,000 x 500 x 1 mm, 1 kg	1 



 *Highblech made in Germany*
 *Tôle haute fabriquée en Allemagne*

 *Lamiera alta made in Germany*
 *Chapa Highblech made in Germany*

MASC Seam insert

- > encloses the angular crimp including the adhesive
- > is double-crimped and thus pressed watertight
- > 20 running metres per roll
- > 280 running metres per carton

"Falzbandboy" Seam tape boy see p. 42

Item No.:	Description	Retailer packaging unit/rolls
FE	MASC Seam insert Strap with 22 mm width	14 I

Falzeinlage Nastro da posare in scanalature
 Ruban adhésif d'étanchéité pour plis Cintas de obturación para rebordes

MASC Seam sealing tape

- > Seam sealing tape for gluing into double crimps of both standing seam systems

"Falzbandboy" Seam tape boy see p. 42

Item No.:	Description	Retailer packaging unit/rolls
FDB2/9	Pre-compressed seam sealing tape 2 x 9 mm wide/going up to 10 mm, 12.5 m per roll	33 I
FDB1/9	Pre-compressed seam sealing tape 1 x 9 mm wide/going up to 10 mm, 10 m per roll	35 I
FDB2/40	Seam sealing tape 2 x 40 mm wide, 20 m per roll	15 I

Falzdichtbänder Nastri ermetici per scanalature
 Ruban adhésif d'étanchéité pour plis Cintas de obturación para rebordes

Other dimensions on request

MASC Crimping oil

- > Prevents moisture from flowing into the crimp, even in the area of the adhesive
- > Even application and dosing thanks to replaceable push-on brush
- > Ideal for flat roofs or very low pitched roofs in the double crimping system
- > Further use in the eaves area, especially with larger roof overhangs in snowy areas

Item No.:	Description	Retailer packaging unit/piece
F01	Crimping oil 1 litre container	1 E
F05	Crimping oil 5 litre container	1 E
ASP	Push-on brush for bottles 55 x 24 mm, 0.01 kg	1 E

Falzöl Olio per scanalature
 Huile pour plis Aceite para plegado

MASC Unwind stop for crimping strips

Unwind stop for all tape rolls with a clamping range of 5-30 mm tape thickness

- > Prevents the expansion of opened combi tapes and seam sealing strips
- > Suitable for all other tape rolls from 5 - 30 mm
- > Handling with one hand
- > Durable and reusable

Item No.:	Description	Retailer packaging unit/piece
ARS	Unwind stop for crimp tapes 80 x 55 x 35 mm, 0.02 kg	1 C

Abrollstop für Falzbänder Arresto di srotolamento per nastro scanalato
 Arrêt du déroulement pour ruban adhésif d'étanchéité Tope antidesenrollado para cintas

MASC Acoustic separation layer

Optimum sound insulation for metal roofs and façades

Disturbing noises such as pattering rain on metal-covered roofs are a thing of the past. The new, high-quality and highly effective MASC ATL acoustic separation layer makes this possible and provides sound attenuation of up to 8 dB. The separation layer is self-adhesive on one side.

Advantages:

- > Sound attenuation up to 8 dB
- > Suitable for all common types of metal (aluminium, stainless steel, copper, titanium zinc, etc.)
- > High degree of prefabrication through lamination in the workshop
 - This reduces working hours on the construction site
- > Mould and rot resistant
- > Suitable for elemental construction

Material: Made of high-quality, robust polyolefin, permanently self-adhesive on one side with age-resistant acrylate adhesive. Suitable for lamination on metal panels, for roofs, façades and window sills.

Delivery form: 150 mm cut to size = 10 m / roll

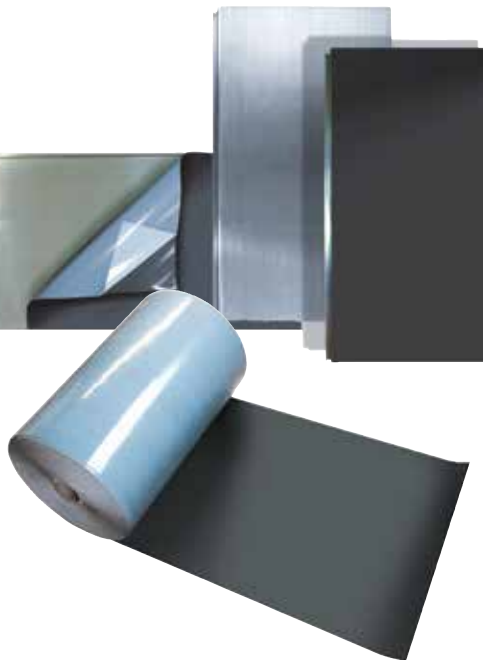


Our information does not release the user from the obligation to test the materials used for the intended use or processing. Our information is intended to provide advice to the best of our knowledge. However, the content is not technically binding. Subject to technical changes

Other dimensions on request

Item No.:	Description	Retailer packaging unit/piece
ATLK10	MASC Acoustic separation layer short, 10 running metres, self-adhesive 150 mm/roll of 10 running metres.	2 G
ATLK33	MASC Acoustic separation layer short, 10 running metres, self-adhesive 333 mm/roll of 10 running metres.	2 G

Akustik-Trennlage Strato di separazione acustica
 Couche de séparation acoustique Lámina de aislamiento acústico



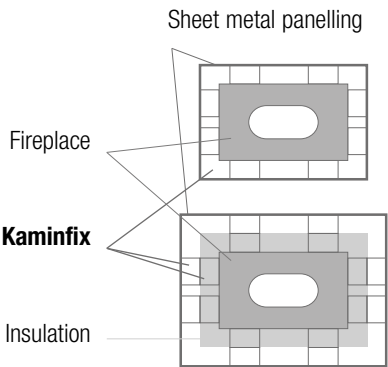
Metal type	Sound reduction*
Aluminium	30%
Stainless steel	15%
Copper	15%
Titanium zinc	15%

*(loudness according to Prof. Zwicker, in accordance with DIN 45631)



MASC Kaminfix

- > Self-adhesive spacers for every chimney and sheet metal panelling
- > Ensures optimum rear ventilation
- > Tight fit, thus no rattling of the panelling in strong winds
- > 70% time saving compared to other rear ventilation systems



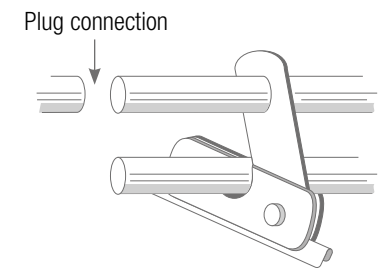
Item No.:	Description	Retailer packaging unit/piece
KF	Kaminfix 100 pieces in a box 1000 x 50 x 20 mm, 0.04 kg	100 G

Kaminfix *Distanziatore "Kaminfix"*
 Entretoise pour cheminée *«Kaminfix»*



MASC Aluminium connector for snow guard pipes

- > Due to the precise fit, the connected pipe ends do not bend downwards under snow load
- > Suitable for all commercially available aluminium and steel snow guard tubes



Item No.:	Description	Retailer packaging unit/piece
ASV	Aluminium connector 80 mm long, Ø approx. 28.75 mm, 0.02 kg	50 J

Alu-Steckverbinder für Schneefangrohre *Giunto di alluminio per tubi paraneve*
 Connecteur en aluminium pour les tuyaux arrêt de neige *Conector insertable de aluminio para tubos paranieves*



MASC PVC connector for snow guard pipes

- > Due to the precise fit, the connected pipe ends do not bend downwards under snow load
- > Suitable for all commercially available copper, aluminium and steel snow guard pipes

Item No.:	Description	Retailer packaging unit/piece
PSV	PVC connector 80 mm long, Ø approx. 28.75 mm, 0.07 kg	50 J

PVC-Steckverbinder für Schneefangrohre *Giunto in PVC per tubi paraneve*
 Connecteur PVC pour les tuyaux arrêt de neige *Conector insertable de PVC para tubos paranieves*

White supplies last!



MASC Alu-Flex

- > made of indestructible, approx. 170 µ thick, corrugated aluminium.
- > the material can be stretched by at least 25% if required
- > two asymmetrically arranged predetermined bending points facilitate installation on rising structures
- > the strong butyl rubber adhesive layer is protected with a high-strength plastic film, which is simply peeled off before final bonding
- > Alu-Flex can also be bonded on top of each other: To do this, the lower layer is pressed smooth at the overlapping point using the pressure roller.
- > available in the colours brick red, dark brown and anthracite, also available in copper

Item No.:	Description	Retailer packaging unit/piece
AFR	Alu-Flex red 5 m x 290 mm (2 rolls per carton)	2 G
AFB	Alu-Flex brown 5 m x 290 mm (2 rolls per carton)	2 G
AFS	Alu-Flex black 5 m x 290 mm (2 rolls per carton)	2 G
CF	Cu-Flex 5 m x 290 mm (2 rolls per carton)	2 G

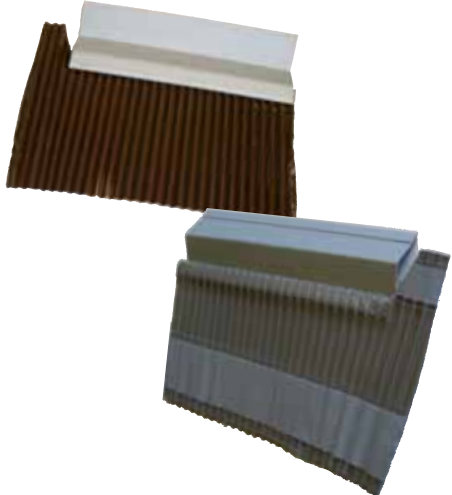
Alu-Flex *Strato adesivo "Alu-Flex"*
 Joint aluminium pour sorties : cheminées ou autres *Alu-Flex*



> Roll á 5 running metres. - 2 rolls in a box
 Bonding area must be clean and free of grease

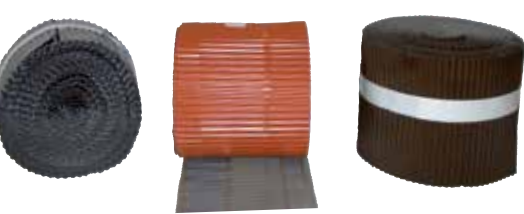
MASC Flex connection apron 150 mm

- > Corrugated aluminium connection apron, with two adhesive strips (40 mm and 20 mm)
- > Facilitates crimping with the sheet (no slipping) Use 20 mm adhesive strips
- > Use 40 mm adhesive strips to adhere to the roof tile
- > Available in the colours: brick red, dark brown, anthracite
- > Roll á 10 running metres. - 2 rolls in a box



Item No.:	Description	Retailer packaging unit/piece
MFAR	Flex connection apron 150 mm red 10 m (2 rolls in a box) self-adhesive	2 G
MFAB	Flex connection apron 150 mm brown 10 m (2 rolls in a box) self-adhesive	2 G
MFAS	Flex connection apron 150 mm black 10 m (2 rolls in a box) self-adhesive	2 G

Flex-Anschlußschürze *Telo a rullo per collegamento Flex*
 Tablier de raccordement Flex *Faldones flexibles*



MASC Quellfix

For flat roof buildings -

It is no longer necessary to completely vacuum the roof!

- > Quellfix forms a temporary barrier against standing and flowing water.
- > By pouring on Quellfix, a water barrier is created so that the repair area can be worked on without water flowing in (see picture).
- > A provisional leak test can be carried out by filling the working area with water.
- > Emergency sealing (non-permanent) for leaks in flat roof areas or damaged gutters.
- > When combined with water, Quellfix reacts to form a gel-like mass and swells, so that a leak can be temporarily sealed in the event of snow or rain showers.



> Environmentally friendly product, disposal with household waste

> There are no known hazard warnings

> No health concerns for processing

- 1. Localise the leak
- 2. QF dam-like backfill
- 4. The QF dam keeps the flowing water away from the repair site
- 5. The dry repair area can now be processed
- 6. Leak test of the treated repair area
- 7. Remove the QF dam and dispose of with household waste
- 6. Delimiting the water in an existing channel, for repair work.

Item No.:	Description	Retailer packaging unit/piece
QF	Quellfix 10 kg bucket	2
		1 to 10 buckets E
		11 to 29 buckets F
		From 30 buckets G

Shipping: 2 buckets per carton
From a purchase of 30 buckets, delivery within Germany is 'free domicile'

Quellfix
Produit d'étanchéité gonflant

Granulare effetto barriera Quellfix
Quellfix

MASC Saug-Fix Maxi

- > Quick and uncomplicated water binding, even in hard-to-reach places
- > Ideal for water retention for repairs or subsequent structural measures in the flat roof area
- > Reduce water damage indoors quickly and efficiently
- > Binds water-based liquids directly after contact
- > Has excellent water storage capacity and binds up to 350 times its own weight in, e.g., rainwater, tap water, etc.
- > Absorbs water in the working area and prevents / reduces the afterflow in the short term
- > Particularly easy to dose and process, can simply be topped up as required
- > Easy disposal with the residual waste

Profit tip: can be perfectly combined with the proven MASC Quellfix for medium-term water-sealing formation and immediate drainage in many areas.



Item No.:	Description	Retailer packaging unit/piece
SFM	Saug-Fix Maxi, 1 L 1 L dose, 180 x 90 x 90 mm	E
SFM25	Saug-Fix Maxi, 2,5 L 2.5 L dose, 285 x 125 x 90 mm	E

Saug-Fix Maxi
Saug-Fix Maxi

Aspiratore Maxi
Saug-Fix Maxi



MASC Bitumen flat roof edging

Application:

> For roof penetrations for pipes, fall protection/securing devices, lightning protection wire, antennas, connections for PV or solar systems, etc

Recommended accessories:

- > For permanently elastic sealing without a maintenance joint, the MASC heat shrink tubing “closed form” or “open form” is ideal.
- > In conjunction with the MASC heat shrink tubing, small horizontal and vertical movements can be absorbed without damage.
- > The MASC heat shrink tubing is available in various sizes. For further details, please request our article data sheets.



Item no.	Description	Retailer packaging unit/piece
BE10	Sanded edging Ø 10 mm Recommendation: SSG28/6 heat shrink tubing, closed, 1 metre	1 G
BE20	Sanded edging Ø 20 mm Recommendation: SSG28/6 or 33/8 heat shrink tubing, closed, 1 metre	1 G
BE30	BE30 edging sanded Ø 30 mm Recommendation: SSG40/12 heat shrink tubing, closed, 1 metre	1 G
BE50	Sanded edging Ø 50 mm Recommendation: SSG65/19 heat shrink tubing, closed, 1 metre	1 G
BE80	Sanded edging Ø 80 mm Recommendation: SSG95/25 heat shrink tubing, closed, 1 metre	1 G
BE110	Sanded edging Ø 110 mm Recommendation: SSG115/34 heat shrink tubing, closed, 1 metre	1 G
BE130	Sanded edging Ø 130 mm Recommendation: SSG140/42 heat shrink tubing, closed, 1 metre	1 G
BE150	Sanded edging Ø 150 mm Recommendation: SSG180/58 heat shrink tubing, closed, 1 metre	1 G
Bitumen edgings slated (natural slate colour):		
BE20S	Slate edging Ø 20 mm Recommendation: SSG28/6 or 33/8 heat shrink tubing, closed, 1 metre	1 G
BE50S	Sanded edging Ø 150 mm Recommendation: SSG65/19 heat shrink tubing, closed, 1 metre	1 G



Bitumenflachdach-Einfassung
 Encadrement de toit plat en bitume

Bordatura per tetti piani in bitume
 Ribete para tejado plano de bituminosa

MASC Heat shrink tubing “open form”

Heat shrink tubing open - for retrofitting! Open heat-shrink tubing or heat-shrink tubing that can be closed with clips can also be used to create a permanent and maintenance-free seal in places where standard heat-shrink tubing cannot be threaded from above. This means that high-maintenance silicone joints can be avoided and the finishes are absolutely tight.

Item no.	Description	Retailer packaging unit/piece
SS036/10	Heat shrink tubing open Shrinkable from 36 to 10 mm	1 G
SS060/18	Heat shrink tubing open Shrinkable from 60 to 18 mm	1 G
SS0100/30	Heat shrink tubing open Shrinkable from 100 to 30 mm	1 G
SS0185/55	Heat shrink tubing open Shrinkable from 185 to 55 mm	1 G
SS0140/36	Heat shrink tubing open Shrinkable from 140 to 36 mm	1 G



Schrumpfschlauch „offene Form“
 Gaine thermorétractable « forme ouverte »
 Tubo termoretraibile „forma aperta“
 Tubo termorretráctil «forma abierta»



MASC Heat shrink tubing “closed form”

The heat-shrink tubing has an adhesive coating on the inside for an absolutely tight, permanent seal without a maintenance joint.

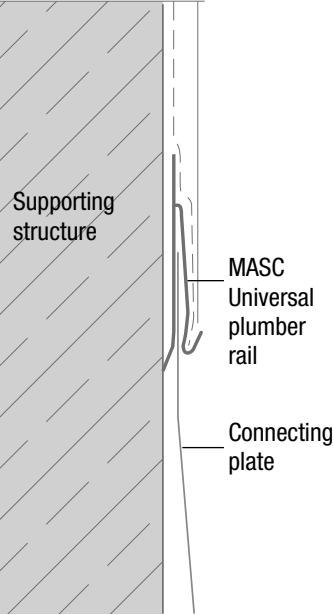
Item no.	Description	Retailer packaging unit/piece
SSG16/6	Heat shrink tubing closed Shrinkable from 16 to 6 mm	1 G
SSG28/6	Heat shrink tubing closed Shrinkable from 28 to 6 mm	1 G
SSG33/8	Heat shrink tubing closed Shrinkable from 33 to 8 mm	1 G
SSG40/12	Heat shrink tubing closed Shrinkable from 40 to 12 mm	1 G
SSG55/16	Heat shrink tubing closed Shrinkable from 55 to 16 mm	1 G
SSG65/19	Heat shrink tubing closed Shrinkable from 65 to 19 mm	1 G
SSG75/22	Heat shrink tubing closed Shrinkable from 75 to 22 mm	1 G
SSG95/25	Heat shrink tubing closed Shrinkable from 95 to 25 mm	1 G
SSG115/34	Heat shrink tubing closed Shrinkable from 115 to 34 mm	1 G
SSG140/42	Heat shrink tubing closed Shrinkable from 140 to 42 mm	1 G
SSG180/58	Heat shrink tubing closed Shrinkable from 180 to 58 mm	1 G
SSG235/67	Heat shrink tubing closed Shrinkable from 235 to 67 mm	1 G

Request free samples now!



Schrumpfschlauch „geschlossene Form“
 Gaine thermorétractable « forme fermée »
 Tubo termoretraibile „forma chiusa“
 Tubo termorretráctil «formato cerrado»

MASC Universal plumber rail,
full thermal insulation



- > No cold or thermal bridge
- > Metal expansion absolutely guaranteed
- > Quick and easy installation
- > Problem-free connection at corners, joints and transitions
- > Stripping edge for the plasterer
- > Optimum connection between the work of the plumbers and plasterers
- > No discolouration on the plaster - clean plaster edge (sheet metal/plaster transition)
- > 100% corrosion-free
- > No plaster cracks
- > Suitable for all metals



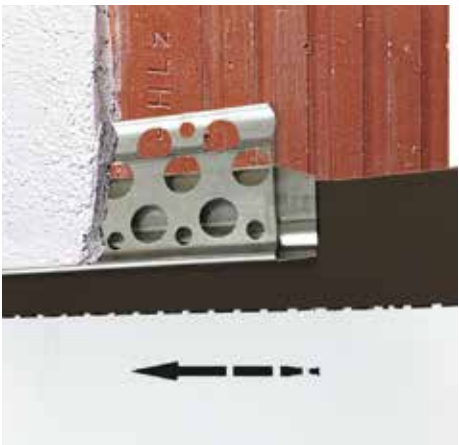
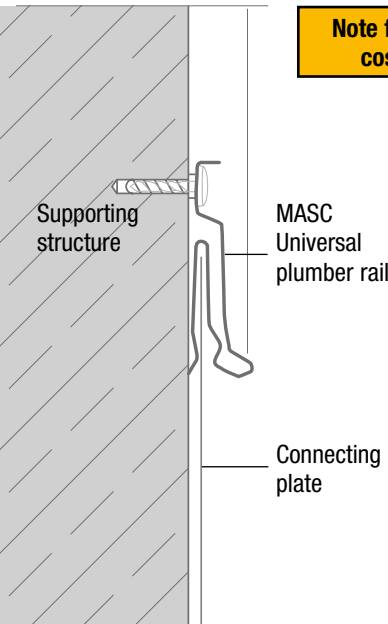
Item No.:	Description	Retailer packaging unit/piece
MUKV	Universal plumber rail Full thermal insulation 2500 x 104 x 5 mm, 0.6 kg	2500 D
MUKV2	Universal plumber rail Full thermal insulation 2000 x 104 x 5 mm, 0.6 kg	2000 D



Universal Klempnerschiene Vollwärmeschutz *Guida universale per idraulici protezione termica totale*
 Rail universel de plombier pour isolation thermique *Guía de fontanero protección térmica completa*

Note freight costs!

MASC Universal plumber rail NEW
for all metals



- > Weatherproof metal mounting rail without plastic clip part.
- > Suitable for all roofing materials (CU, Zn, galvanised, aluminium, stainless steel) as the insertion area is laminated.
- > Available in lengths of 2 m and 2.5 m.
- > Cut to length with snips, hacksaw or multi-master.
- > Optimum connection thanks to integrated plug-in lugs.
- > No discolouration of the plaster due to water washout.
- > No tearing of the plaster due to different expansions (plastic / metal).
- > Installation possible before the plumbing work is carried out, as the sheet metal can be inserted later without any problems.



Item No.:	Description	Retailer packaging unit/piece
MUKN	Universal plumber rail NEW 2500 x 55 x 16 mm, 1.45 kg	2500 D
MUKN2	Universal plumber rail NEW 2000 x 55 x 16 mm, 1.16 kg	2000 D
MUKEW	MASC Corner bracket set for MUKN 240 x 85 x 12 mm, 0.25 kg	1 D
MUKVG	MASC Connector straight for MUKN 240 x 85 x 2 mm, 0.25 kg	1 D



Universal Klempnerschiene NEU für alle Metalle *Guida universale per idraulici per tutti i metalli*
 Rail universel, tous supports métalliques *Guía de fontanero universal NUEVA para todos los metales*

Note freight costs!



Corner bracket for inner and outer corner

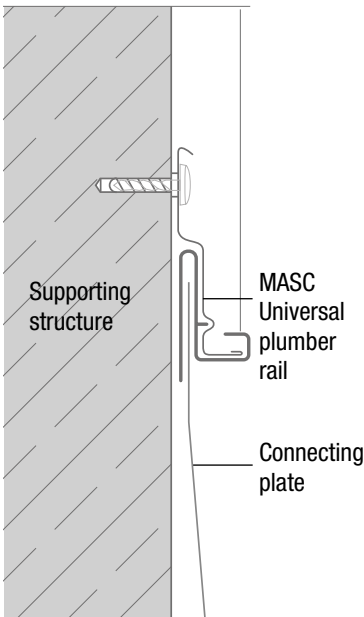


MUKEW corner bracket set (10 pieces)



MASC Universal plumber rail
for all metals

- > No time required for preparation
- > Possible expansion of the sheets in the profile
- > Corner formation without problems
- > Optimum connection between the work of the plumbers and plasterers
- > Suitable for all metals



Item No.:	Description	Retailer packaging unit/piece
MUK	Universal plumber rail 2500 x 60 x 20 mm, 1.25 kg	2500 D
MUK2	Universal plumber rail 2000 x 60 x 20 mm, 1.25 kg	2000 D



Universal Klempnerschiene für alle Metalle *Guida universale per idraulici per tutti i metalli*
 Rail universel, tous supports métalliques *Guía de fontanero universal para todos los metales*

Note freight costs!

MASC Stainless steel gutter connector

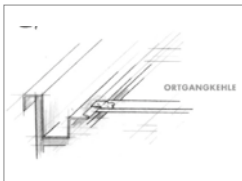
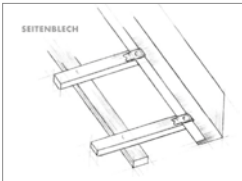
- > Stainless steel gutter connector with pre-assembled stainless steel cover pins (2.8 x 25 mm)
- > Enables easy, quick and secure fastening of flashings, verges, flashings or wall connection plates
- > Problem-free use with all construction metals
- > Simplified warehousing



Item No.:	Description	Retailer packaging unit/piece
ELH	Stainless steel gutter connector with 2 nails	100 G



Edelstahl-Liegehaft *Graffa bassa*
 Connecteur gouttières *Empalmes de canalones goteras*

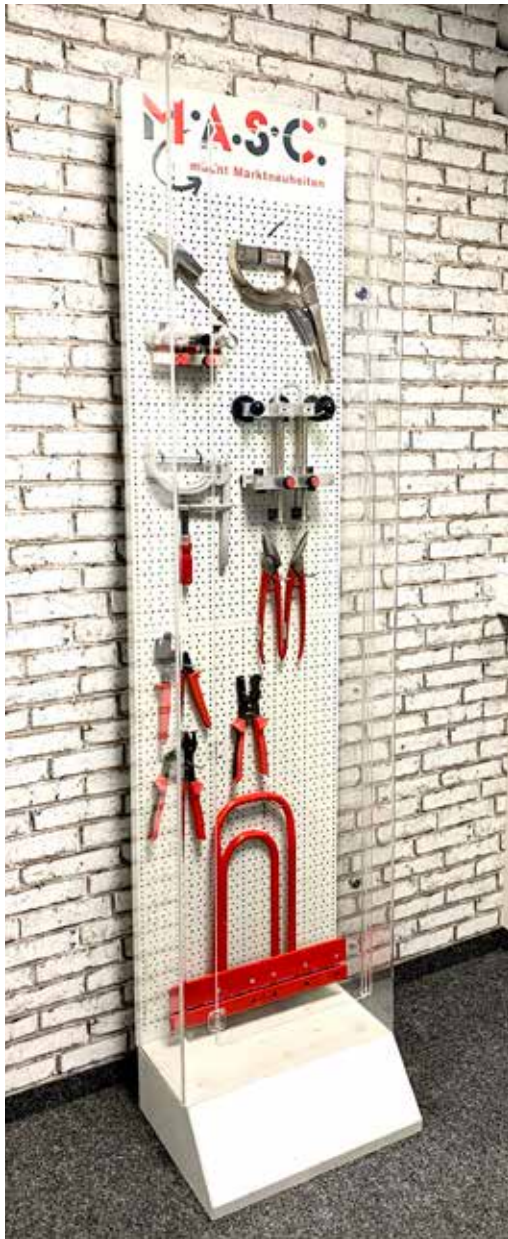


MASC Display wall

Ask about customised MASC
lettering for your exhibition systems.

Can be customised
according to your wishes

Also available with a lockable
Plexiglas display case!



Item No.:	Description	Retailer packaging unit/piece
MAWN	Display wall 355 x 470 x 2002 mm	1
SVMAWN	Protective display case Protective display case made of 5 mm thick transparent Plexiglas, lockable	1

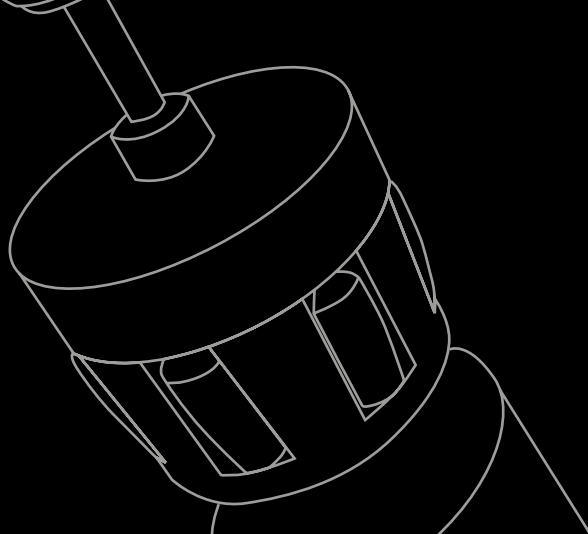
Ausstellungswand
Panneau d'exposition

Parete espositiva
Panel de exposición



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Seam insert	76
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I	Delivery period
1	The delivery period begins with the dispatch of the order confirmation, but not before the customer has provided any documents, authorisations and approvals that may be required and not before receipt of an agreed down payment.
2	The delivery deadline shall be deemed to have been met if readiness for dispatch has been notified by the time it expires or the delivery item has left the factory.
3	The delivery period shall be extended in the event of industrial disputes, in particular strikes and lockouts, as well as in the event of unforeseen obstacles beyond our control, e.g., operational disruptions, delays in the delivery of essential materials, insofar as such obstacles demonstrably have a significant influence on the delivery of the delivery item. This shall also apply if the circumstances occur at subcontractors. The delivery period shall be extended in accordance with the duration of such measures and obstacles. We shall not be responsible for the aforementioned circumstances even if they occur during an already existing delay. In important cases, we shall inform the customer of the beginning and end of such obstacles as soon as possible.
4	Partial deliveries are permissible within the delivery periods specified by us, provided that this does not result in disadvantages for use.
5	If we are in default, the customer may - if he can credibly demonstrate that he has suffered damage as a result - demand compensation for each completed week of delay of 0.5 % of the net order value, but not more than a total of 5 % of the net order value for that part of the deliveries which could not be put to the intended use due to the delay.
6	Claims for damages due to delay that exceed the limits specified in No. 5 are excluded in all cases of delayed delivery, even after the expiry of any period of grace granted to us. This shall not apply if liability is mandatory in cases of wilful intent or gross negligence or for bodily injury; this shall not imply a change in the burden of proof to the detriment of the customer. The customer's statutory right of cancellation remains unaffected.
7	At our request, the customer is obliged to declare within a reasonable period of time whether he is cancelling the contract or demanding compensation or a reduction in price.
II	Scope of delivery
1	The scope of delivery shall be determined by our written order confirmation.
2	We reserve the right to make changes in design or form which are due to improvements in technology or to requirements of the legislator during the delivery period, provided that the delivery item is not significantly changed and the changes are reasonable for the customer.
III	Cancellation costs
	If the customer cancels a placed order without justification, we can demand 10% of the sales price for the costs incurred in processing the order and for loss of profit, without prejudice to the possibility of claiming higher actual damages. The customer reserves the right to provide evidence of lower damages.
IV	Packaging and dispatch
	Packaging shall become the property of the customer and shall be invoiced by us. Postage and packaging costs will be invoiced separately. The choice of shipping method is made at our best judgement.
V	Acceptance and transfer of risk
1	The customer is obliged to accept the delivery item. Unless otherwise agreed (delivery by us), handover shall take place at our company headquarters (place of handover). The customer is entitled to inspect the delivery item at the place of delivery within fourteen days of receipt of the notification of readiness or other notification of completion. The customer is obliged to accept the delivery item within the same period, unless he is temporarily prevented from accepting through no fault of his own.
2	If the customer remains in arrears with the acceptance of the object of purchase for longer than fourteen days from receipt of the notification of readiness for delivery, either wilfully or through gross negligence, we shall be entitled, after setting a grace period of a further fourteen days, to withdraw from the contract or to demand compensation for non-performance. It is not necessary to set a grace period if the customer seriously or finally refuses acceptance or is obviously unable to pay the purchase price within this period.
3	The risk shall pass to the customer upon acceptance of the delivery item. If the customer declares that he will not accept the delivery item, the risk of accidental loss or accidental deterioration of the delivery item shall pass to the customer at the time of refusal.
VI	Price changes
	Price changes are permissible if there are more than four months between the conclusion of the contract and the agreed delivery date. If wages, material costs or market cost prices increase thereafter until completion of the delivery, we shall be entitled to increase the price appropriately in accordance with the cost increases. The customer is only entitled to withdraw from the contract if the price increase exceeds the increase in the general cost of living between order and delivery by more than an insignificant amount. If the customer is a merchant, a legal entity under public law or a special fund under public law, price changes are permitted in accordance with the aforementioned regulation if there are more than six weeks between the conclusion of the contract and the agreed delivery date.
VII	Material defects
	We are liable for material defects as follows:
1	All those parts or services which show a material defect within the limitation period - irrespective of the period of operation - shall, at our discretion, be repaired, replaced or provided again free of charge, provided that the cause of the defect already existed at the time of the transfer of risk.
2	Claims for material defects shall lapse after 12 months. The period begins with the transfer of risk (in accordance with Article V). The above provisions shall not apply insofar as the law prescribes longer periods in accordance with §§ 438 Para. 1 No. 2 (items for buildings), 479 Para. 1 (right of recourse) and 634 a (building defects) BGB.
3	The customer must notify us immediately in writing of any material defects.
4	In the event of complaints about defects, payments by the customer may be withheld to an extent that is in reasonable proportion to the material defects that have occurred. The customer may only withhold payments if a notice of defects is asserted, the justification of which is beyond doubt. If the notice of defects is unjustified, we shall be entitled to demand compensation from the customer for the expenses incurred by us.
5	First of all, we must always be given the opportunity for subsequent fulfilment within a reasonable period of time.
6	If the subsequent fulfilment fails, the customer may - without prejudice to any claims for damages - withdraw from the contract or reduce the remuneration.
7	Claims for defects shall not exist in the event of only insignificant deviations from the agreed quality, only insignificant impairment of usability, natural wear and tear or damage arising after the transfer of risk as a result of incorrect or negligent handling, excessive strain, unsuitable equipment, defective construction work, unsuitable building ground or which arise due to special external influences which are not assumed under the contract, or in the event of non-reproducible software errors. If the customer or third parties carry out improper modifications or repair work, no claims for defects shall exist for these and the resulting consequences.
8	Claims by the customer for expenses incurred for the purpose of subsequent performance, in particular transport, travel, labour and material costs, are excluded if the expenses increase because the object of the delivery has subsequently been taken to a place other than the customer's branch office, unless the transfer corresponds to its intended use.
9	The Purchaser's statutory rights of recourse against us shall only exist to the extent that the Purchaser has not made any agreements with its customer that go beyond the statutory claims for defects. Furthermore, No. 8 shall apply accordingly to the scope of the customer's right of recourse against us.
10	For claims for damages, Art. IX (Other claims for damages). Further claims or claims other than those regulated in this Art. VII against us and our vicarious agents due to a material defect are excluded.
VIII	Retention of title
1	We reserve title to the delivered goods until payment has been made.
2	In the event of breach of contract by the customer, in particular default of payment, we shall be entitled to take back the goods after issuing a reminder and the customer shall be obliged to surrender them.
3	The assertion of the retention of title and the seizure of the delivery items by us shall not be deemed a cancellation of the contract unless the provisions of the Consumer Credit Act apply or this is expressly declared by us in writing. In the case of use vis-à-vis merchants, a legal entity under public law or a special fund under public law, the following shall also apply:

4	The customer shall be entitled to resell the delivery items in the ordinary course of business; however, he hereby assigns to us all claims in the amount of the purchase price agreed between us and the customer (including VAT) which accrue to the customer from the resale, irrespective of whether the delivery items are resold without or after processing. The customer is authorised to collect these claims after their assignment. Our authorisation to collect the claims ourselves remains unaffected by this; however, we undertake not to collect the claims as long as the customer duly fulfils his payment obligations and is not in default of payment. If this is the case, however, we can demand that the customer discloses the assigned claims and their debtors, provides all information necessary for collection, hands over the relevant documents and informs the debtors (third parties) of the assignment.
5	The processing or transformation of the goods by the customer shall always be carried out on our behalf. If the delivery items are processed with other items not belonging to us, we shall acquire co-ownership of the new item in the ratio of the value of the delivery items to the other processed items at the time of processing.
6	If the delivery items are inseparably mixed with other items not belonging to us, we shall acquire co-ownership of the new item in the ratio of the value of the delivery items to the other mixed items. The customer shall hold the co-ownership for us.
7	The customer may neither pledge the delivery items nor assign them as security. In the event of seizure, confiscation or other dispositions by third parties, the customer must notify us immediately and provide us with all information and documents necessary to protect our rights. Enforcement officers or a third party must be informed of our ownership.
8	We undertake to release the securities to which we are entitled at the request of the customer to the extent that the value of the claims to be secured, insofar as these have not yet been settled, exceeds them by more than 20 %.

IX Other claims for damages

1	Claims for damages and reimbursement of expenses - hereinafter referred to as claims for damages - of the customer, irrespective of the legal grounds, in particular due to breach of duties arising from the contractual obligation and from unauthorised action, are excluded.
2	This does not apply if liability is mandatory, for example under the Product Liability Act, in cases of intent, gross negligence, damage to health due to the assumption of a guarantee for the existence of a property or the breach of essential contractual obligations. Compensation for the breach of essential contractual obligations is, however, limited to the foreseeable damage typical for the contract, unless there is intent or gross negligence or liability for damage to health or due to the assumption of a guarantee for the existence of a property. A change in the burden of proof to the detriment of the customer is not associated with the above provisions.

X Impossibility, contract adjustment

1	If delivery is impossible, the customer is entitled to demand compensation, unless we are not responsible for the impossibility. However, the Purchaser's claim for damages shall be limited to 10% of the net order value of that part of the delivery which cannot be put to the intended use due to the impossibility. This limitation shall not apply in cases of mandatory liability for wilful intent, gross negligence or damage to health; this does not imply a change in the burden of proof to the detriment of the customer. The customer's right to withdraw from the contract remains unaffected.
2	In the event of temporary impossibility, Article 1 (Deadlines for deliveries, default) shall apply.
3	If unforeseeable events within the meaning of Article 1 No. 3 considerably change the economic significance or the content of the delivery or have a considerable effect on our business, the contract shall be adapted appropriately in good faith. If this is not economically justifiable, we shall have the right to withdraw from the contract. If we make use of this right of cancellation, we must inform the customer immediately after realising the consequences of the event, even if an extension of the delivery time was initially agreed with the customer.

XI Industrial property rights and copyrights, defects of title

1	Unless otherwise agreed, we are obliged to provide the delivery free of industrial property rights and copyrights of third parties (hereinafter: property rights) only in the country of the place of delivery. If a third party raises justified claims against the customer due to the infringement of property rights by deliveries made by us and used in accordance with the contract, we shall be liable to the customer within the period specified in Art. VII No. 2 as follows:
2	We shall, at our discretion and at our expense, either obtain a right of use for the deliveries concerned, modify them in such a way that the property right is not infringed, or replace them. If this is not possible for us under reasonable conditions, the customer shall be entitled to the statutory rights of cancellation or reduction.
3	Our obligation to pay damages is governed by Art. IX.
4	The above obligations for us shall only apply if the customer notifies us immediately in writing of the claims asserted by third parties, does not acknowledge an infringement and leaves all defence measures and settlement negotiations to us. If the customer ceases to use the delivery in order to minimise damages or for other important reasons, he is obliged to point out to the third party that the cessation of use does not constitute an acknowledgement of an infringement of property rights.
5	Claims of the customer are excluded insofar as he is responsible for the infringement of property rights.
6	Claims of the customer shall also be excluded if the infringement of property rights is caused by special specifications of the customer by an application not foreseeable by us or by the fact that the delivery is modified by the customer or used together with products not supplied by us.
7	In the event of infringements of industrial property rights, the provisions of Art. VII No. 4, 5 and 9 shall apply accordingly.
8	In the event of other defects of title, the provisions of Art. VII shall apply accordingly. Further claims or claims other than those regulated in this Article XI by the customer against us and our vicarious agents due to a defect of title are excluded.

XII Terms of payment

1	The purchase price and the fees for ancillary services are due for payment upon handover of the delivery item.
2	Cheques and bills of exchange shall not be deemed to be payment until they have been honoured. The acceptance of bills of exchange always requires a prior written agreement with us. If bills of exchange are accepted, the bank discount and collection charges will be charged. They are to be paid immediately in cash.
3	We charge interest on arrears at 5% p.a. above the respective base rate. They are to be set higher or lower if we prove a charge with a higher interest rate or if the customer proves a lower charge.
4	If the customer is a merchant, a legal entity under public law or a special fund under public law, the retention of payments due to any counterclaims of the customer not recognised by us is not permitted, nor is offsetting against such claims.

XIII Place of fulfilment and jurisdiction

1	The place of fulfilment is Senden.
2	For all disputes arising from the contractual relationship, if the customer is a registered trader, a legal entity under public law or a special fund under public law, the action must be brought before Ulm Local Court or Ulm Regional Court. We are also entitled to sue at the customer's headquarters.
3	German law shall apply exclusively, to the exclusion of the laws on the international sale of goods, even if the customer has its registered office abroad.

XIV Other

1	Transfers of rights and obligations of the customer arising from the contract concluded with us require our written consent to be effective.
2	Should a provision be or become invalid, this shall not affect the validity of the other provisions.



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