NEW CATALOGUE COMING SOON





BESCHLÄGE — HARDWARE
FERRAMENTA — QUINCAILLERIE

Our company	Our company Company-profile - Our mission	
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AHT-Beschläge GmbH,

was founded in Solingen (Germany) on the 16th of October, 1992 from Arne Hammesfahr and Elio Tommaso. The company specialised in the development and the distribution of hardware for the furniture-industry and in the beginning the focus was set on the production of special OEM parts.

Due to the experience which the company made with the German furniture-industry and due to the good contacts to foreign markets, such as Italy, where on the 1st of July, 2001 a branch-office has been established, the AHT product-range has been continuously developed further.

Today AHT can offer contemporary products at attractive conditions to customers in the woodworking-, automotive- and metalworking industry, despite today still an important share of the business-volume can be attributed to special OEM products.

Thanks to the cooperation with the Italian company EFFEGI BREVETTI in 1994 the product-range has been completed with a vast number of innovative items, which have set global trends in the furniture-production.

The start of the cooperation with the Australian company ZIPBOLT™ on the German and Italian market, in January 2007, represents an important enrichment of our product-range.

CUSTOMERS

Woodworking Industry Metalworking Industry Distributors for Hardware Bulk buyers/ Groups/Associations



Distribution/Production/ Development of Hardware all over the world

EFFEGIBREVETTI

Innovative openingmechanisms/Hardware (Agents in Germany)

ZİPBOLT"

Rapid joints with patented gear-drive

Outsourcing-Agency for Bulk buyers/ Imports from Asia

1992



2012



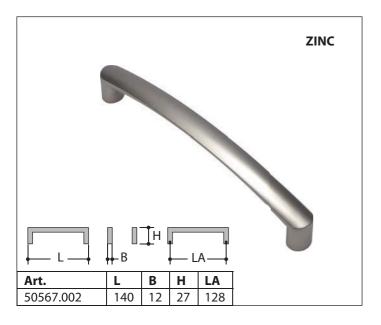


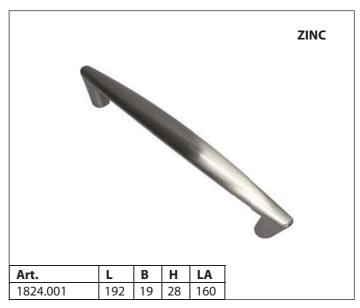


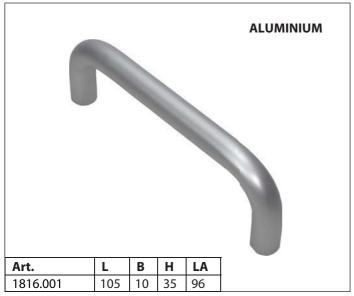


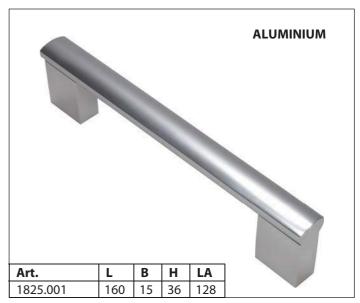












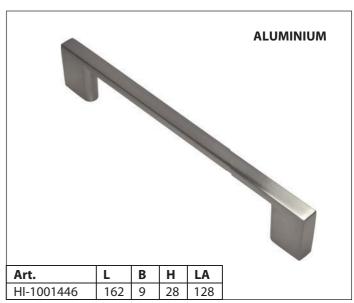




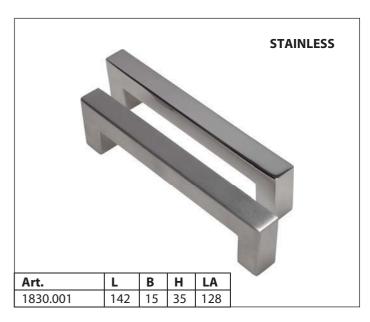


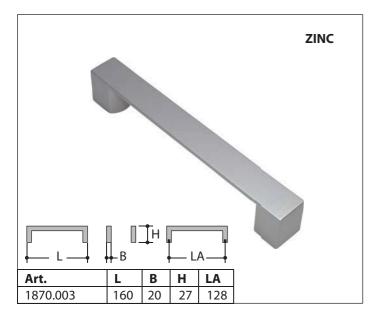


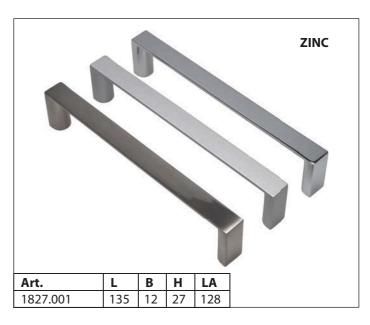


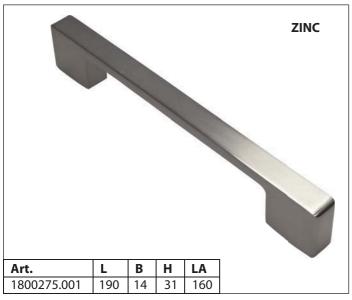












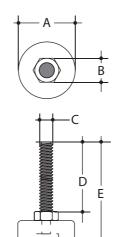












Art. 120020

Material: plastic/steel Finish: zinc-plated

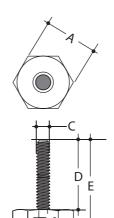
Art. 120021

Material: stainless steel/steel Finish: natural/zinc-plated

Art.	Α	В	U	D	Е
120020	Ø 38	SW13	M8	60	74
120021	Ø 35	SW11	M8	16	31







Art. 120022

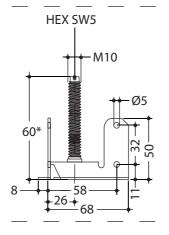
Material: plastic/steel Finish: zinc-plated

Art. 120023

Material: steel Finish: zinc-plated

Art.	Α	С	D	Е	
120022	25	M8	45	55	
120023	30	M8	45	50	





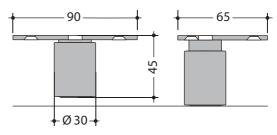
Plinth, height adjuster M10 x 50 mm, with hexagon slot SW5, foot-Ø 45 mm, with link for plinth

Material: steel Finish: zinc-plated

*other lengths on demand



Special part according to customer-drawing



Height-adjuster made of 2 parts, M8 x 40 mm



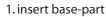
Art. 110019.001

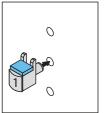
Clamp-Shelf support

Glass-Thickness: 4 - 8 mm

Material: zamak/plastic
Finish: nickel-plated/neutral
Packing: 500 pcs./carton

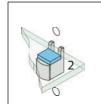
Shelf-width G = Inner width B -7 mm





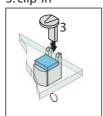
into boring

2. place



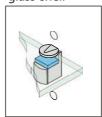
glass-shelf

3. clip-in



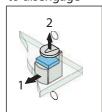
upper part

glass-shelf

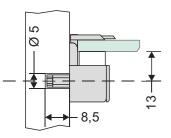


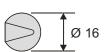
safely blocked

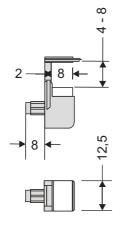
to disengage

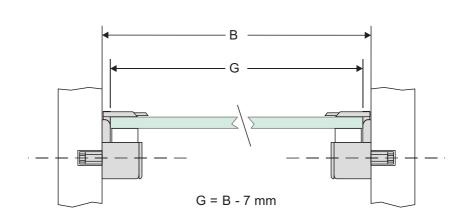


pull/lift









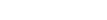
Art. 110030

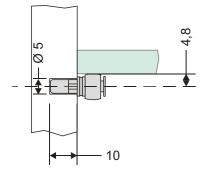
Lay on shelf-support

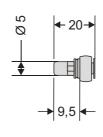
Material: Finish: zamak/plastic nickel-plated/neutral

Packing:

500 pcs./carton





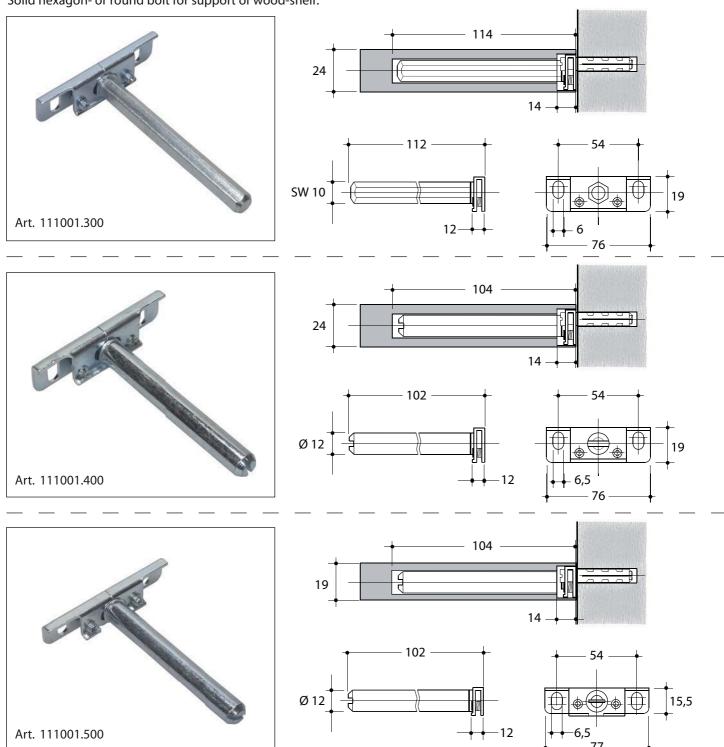


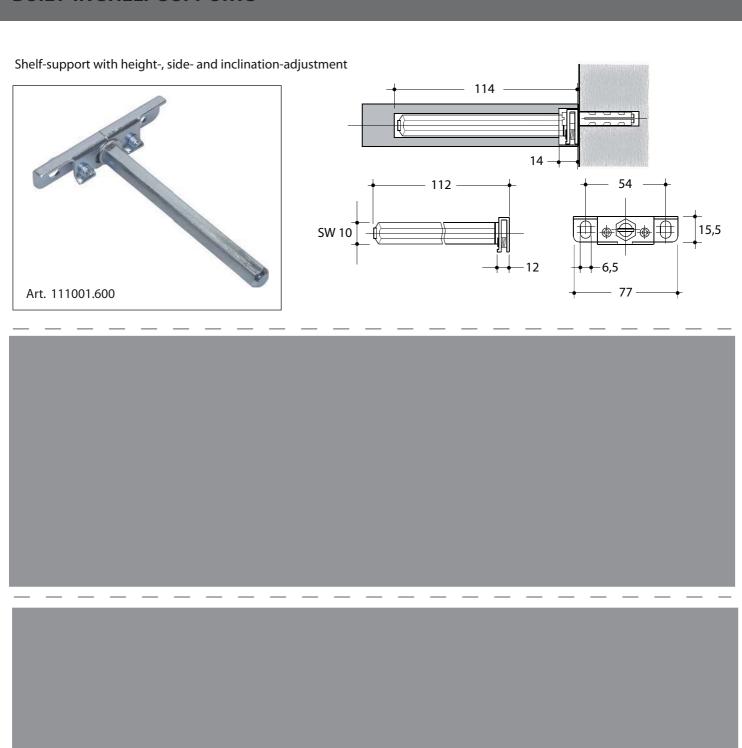


Built-in shelf supports, tridimensional adjusting, height, side-position and inclination adjustable.

- Height-adjusting through long-holes
- Side-position adjustable, loosen and shift the position of steel-bolt within long-hole
- Inclination adjustable with 2 M6-screws with cross-slot

Safe and precise mounting due to solid mounting-plate with long-holes. Precise adjustment of inclination with the 2 integrated M6 adjusting-screws. Solid hexagon- or round bolt for support of wood-shelf.





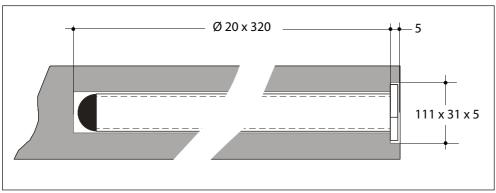




Built-in shelf support, with inclination-adjustment, tube Ø 20 mm, length 300 mm, thickness 1,4 mm, fixing-plate 110 x 30 x 4 mm, steel silver colour,

Packing:

every set in polybag with fixingmaterial for panel- and wall-fixing





Glass-shelf support ALU,

2 transparent rubber-cords assure a safe hold of the glass-shelf, with plastic-screw for fixing of glass-shelf, for glass-thickness 8 mm.

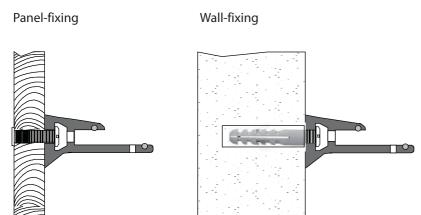
Sizes: 38 x 35 x 72 mm (WxHxD)

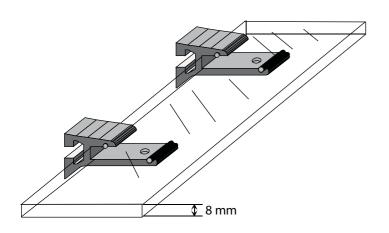
Material: Aluminium Finish: silver anodized

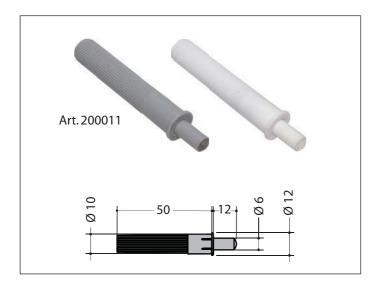
Accessories for panel-fixing:

Screw M8 x 25 mm , steel zinc-plated Bush M8 x 11 mm, steel zinc-plated

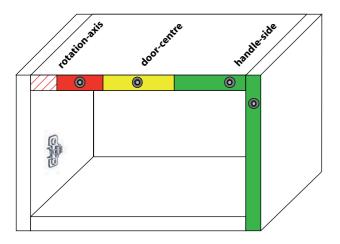
Srews and anchors for wall-fixing on request.







SLOWCLOSE is available in 3 different damper-forces (SOFT/MEDIUM/STRONG), depending from the desired position inside the cabinet.



Door shock-absorber **SLOWCLOSE** for furniture doors, flaps and drawers.

Slows down the door/flap/drawer with it's oil-dynamic attenuation-mechanism and guarantees silent and comfortable closing.

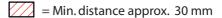
Simple installation:

The shock-absorber can be inserted into the top-/ bottom-shelf or into the side-panel with a bore-hole Ø 10 x 50 mm or fixed with wood-screws with the (optional) mounting-plate.

Packing/weight: 1.000 pcs./box - 5.5 kgs

Colours:

white/brown/grey - other colours on demand



= **SLOWCLOSE** STRONG - Installation on hinge side

= **SLOWCLOSE** MEDIUM - Central installation

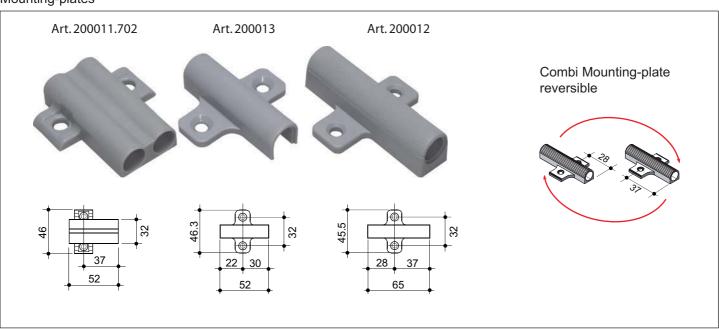
= **SLOWCLOSE** SOFT - Installation on handle side

ATTENTION:

THE OPTIMAL POSITION IS DETERMINED THROUGH THE FURNITURE-MAKER, DEPENDING FROM THE USED COMPONENTS.

WE RECOMMEND TO MAKE RESPECTIVE TESTS FIRST.

Mounting-plates





Art. 200030.M40 Art. 200030.040

Art. 200030.MN1 Art. 200030.ON1 Art. 200030.H01 Art. 200030.MPL



TOUCH LATCH,

Permits the opening of doors without handles, by a slight touch of the door-frontal.

Short version,

for overlapping doors and low door-heights; e.g. kitchen-cabinets. Opening approx. 20 mm plastic, grey

without magnet: Art. 200030.020 with magnet: Art. 200030.M20

Fixing with screw-on mounting-plate or with adapter for built-in mounting Ø 12 mm

Long version,

for inlet-/ and high doors; e.g. kitchen larder-cabinets. Opening approx. 40 mm plastic, grey

without magnet: Art. 200030.040 with magnet: Art. 200030.M40

Fixing with screw-on mounting-plate or with adapter for built-in mounting Ø 12 mm

Accessories:

Mounting-plate without stop,

for screw-on Art. 200030.ON1

Mounting-plate with stop,

for screw-on Art. 200030.MN1

Self-adhesive counter-plate

20 x 20 x 1 mm,

for screw-on Art. 200030.MPL

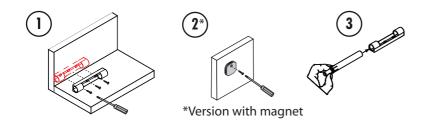
Adapter for built-in,

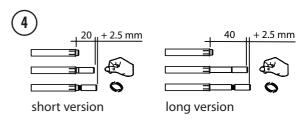
boring Ø 12 mm Art. 200030.H01

Remark:

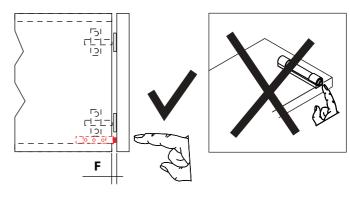
For the version with magnet, we recommend the use of hinges without spring, for a better opening-function.

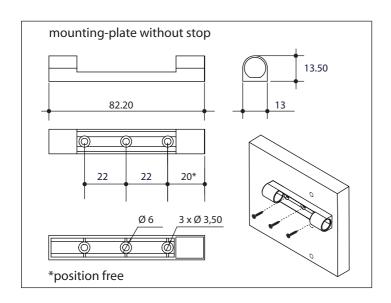
TOUCHLATCH Specifications

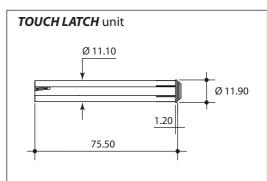


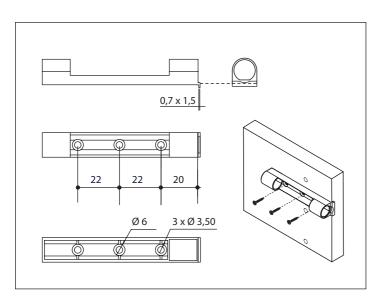


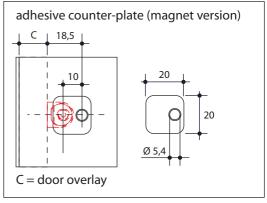
F = doorgap (adjustable)					
Model	min.	max.			
Mounting-plate without stop, without magnet	1,5	4,0			
Mounting-plate without stop, with magnet	2,5	5,0			
Mounting-plate without stop, with magnet	2,2	4,7			
Mounting-plate with stop, with magnet	3,2	5,7			

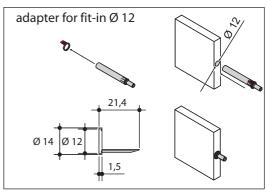








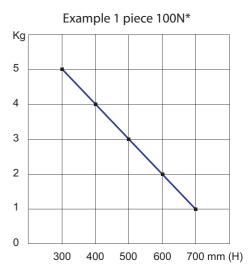






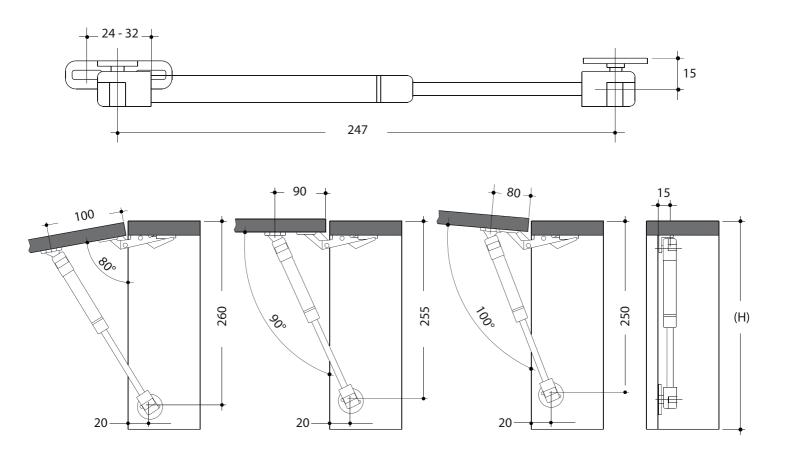
Gas spring/Flap stay

Version: Steel, silver lacquered Loading: 60/80/100/120/140N



^{*}Approximated guide-numbers. For the determination of the correct force, please make your individual tests.

For higher Flap-weights, please use 2 flap stays.



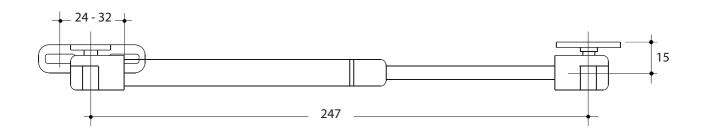


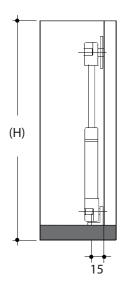
Flap Stay Gasbrake

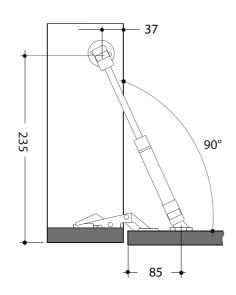
slows down flaps and doors with downward opening and assures a soft closing.

Depending on the dimension and the weight of the door and according to the kind of hinges, which are used, the user can employ 1 or 2 gasbrakes.

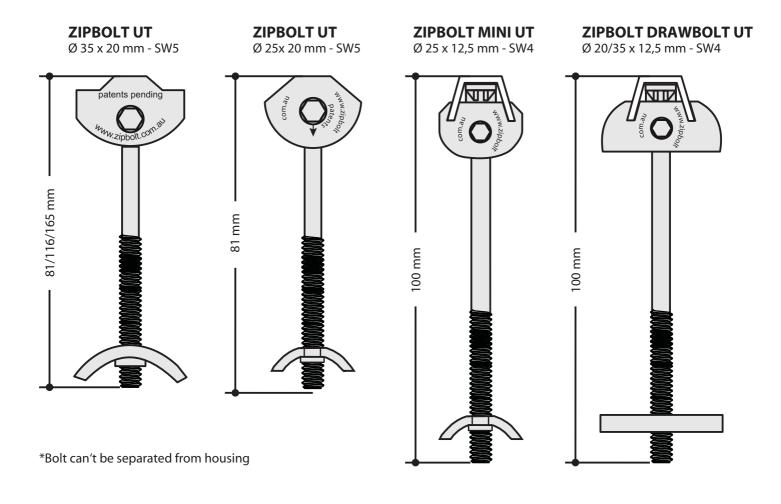
Execution: Steel, silver lacquered







Worktop joints fix*



Housings loose***



MINI UT - SW4 Ø 25 x 12,5 mm



MIDI UT - SW5 Ø 25 x 20 mm



SUPER UT - SW5 Ø 35 x 20 mm



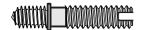


^{***}Can be combined with different bolts/inserts

Bolts for furniture applications

Ø 6,9/ M6 x 30 mm

Ø 6,9/M6 x 43 mm









M6 x 90 mm



M8/M6 x 90 mm



Half-mitre 90 - 45° - M6 x 85 mm

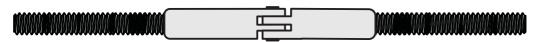


Mitre 90 - 180° - Ø6/M6 x 135 mm



Bolts for stair applications

Mitre 90 - 180° - Ø8/M6 x 135 mm







Inserts

M8 x 31 mm



M6 x 13 mm











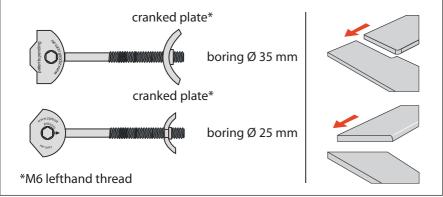
reddot



UT joint for worktops

New metal housing with the established *ZIPBOLT*-drive, with SW5 Hexagon-drive

- •All metal
- •Fast/solid/easy
- •compensates drilling-tolerances
- •Course >5 mm
- •Panel-thickness > 22 mm
- •For horizontal assembling



Art. 10.500

Version with cranked plates*, for boring Ø 35 mm

Art. 10.520

Version with cranked plates*, for boring Ø 25 mm

Boring Art. 10.500:

Length 81 mm A = 33 - 44 mm Length 116 mm A = 48 - 60 mm Length 165 mm A = 73 - 86 mm

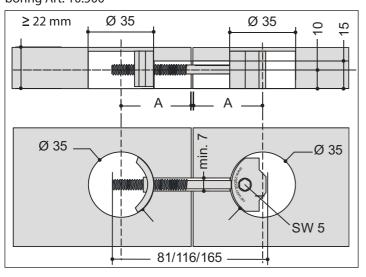
*insert bolts anti-clockwise (lefthand thread), ensuring that fixing can be done clockwise, as usual.



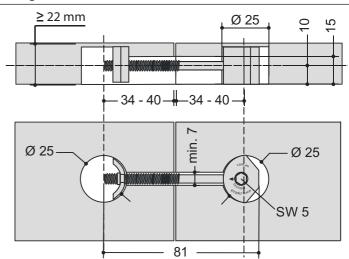




boring Art. 10.500



boring Art. 10.520



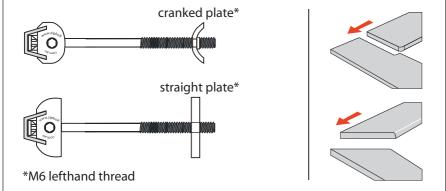


MINI UT TOP 100, joint for worktops

New metal housing with the established *ZIPBOLT*-drive, with SW4 Hexagon-drive

•All metal

- •Fast/solid/easy
- •compensates drilling-tolerances
- •Course >5 mm
- •Panel-thickness >14 mm
- •For horizontal assembling
- •Length 102 mm



Art. 180005.500

Version with cranked plates, for boring Ø 25 mm

Art. 180005.600

Version with straight plate for long hole/slot Ø 20 mm

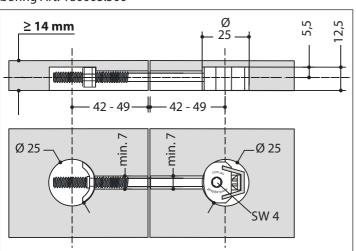
*insert bolts anti-clockwise (lefthand thread), ensuring that fixing can be done clockwise, as usual.



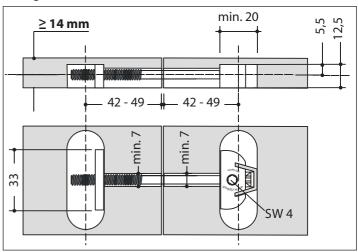




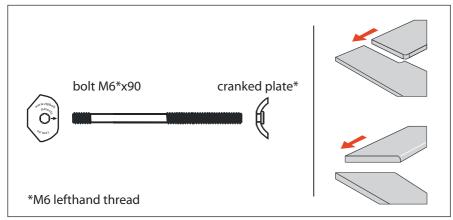
boring Art. 180005.500



boring 180005.600







MINI UT INLINE 85, joint for worktops

New metal housing with the established *ZIPBOLT*-drive, with SW4 Hexagon-drive

•All metal

- •Fast/solid/easy
- •compensates drilling-tolerances
- •Course >5 mm
- •Panel-thickness >14 mm
- •For horizontal assembling

The new modular design allows using this joint in 2 different ways; with 2 bore-holes Ø 25 mm and a groove (min. 7 mm width), common method for joining kitchen worktops.

or

Line-bored with a Ø 7 mm throughhole, see sketch below and illustrations on following pages.



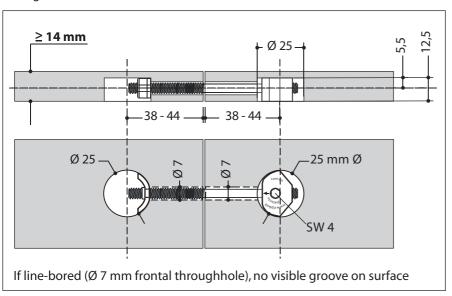




*insert bolts anti-clockwise (lefthand thread), ensuring that fixing can be done clockwise, as usual.

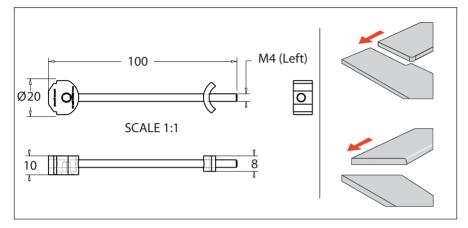
Please fix and loosen joints alternately and gradually.

boring Art. 10.820



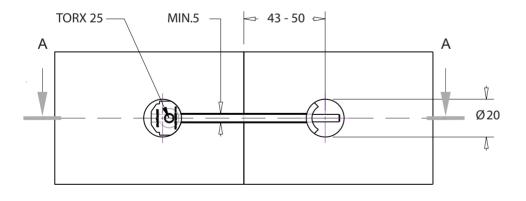








Bohrbild/Foratura/Drilling/Percage - Art. 18.100



Sec. A-A MIN.12 Δ Ø20 Ø 20 6

ULTRA SLIM - Art. 18.100

Arbeitsplattenverbinder

Bohrung Ø 20 x 10 mm Antrieb: TORX 25 $L = M4 \times 100 \text{ mm}$

Material: Zinkdruckguß/Stahl

Oberfläche: Verzinkt

- Ganzmetallausführung
- •Schnell/Robust/Einfach
- •Großer Toleranzausgleich
- •Spannbereich >5 mm
- •Für dünne Platten ab ca. 12mm
- Horizontale Plattenverbindung

Giunto per piani di lavoro

Foro Ø 20 x 10 mm Fissaggio: TORX 25 $L = M4 \times 100 \text{ mm}$ Materiale: Zama/Ferro

- Finitura: Zincato
- •completamente di metallo •veloce/solido/semplice
- •grande compenso di tolleranze
- •Tiraggio >5 mm
- •spessore min. del pannello 12 mm
- ·assemblaggio orizzontale

Joint for worktops

Drilling Ø 20 x 10 mm Drive: TORX 25 $L = M4 \times 100 \text{ mm}$ Material: Zamak/Steel Finish: Zinc plated

•All metal

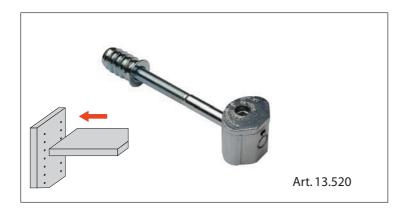
- •Fast/solid/easv
- •compensates drilling-tolerances
- •Course >5 mm
- •Panel-thickness > 12 mm
- For horizontal assembling

Assembleur de plan de travail

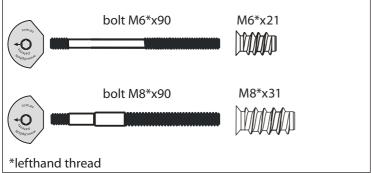
Perçage Ø 20 x 10 mm Entraînement: TORX 25 $L = M4 \times 100 \text{ mm}$ Matière: Zamak/Acier Finition: zingué

·Boîtier métallique

- •Rapide / Robuste / Facile
- •Compense de grandes tolérances
- •Tirage > 5 mm
- •Pour panneaux à partir de 12 mm
- Assemblage horizontal



Art. 13.500



ZIPBOLT MIDI UT KD 6x90, KD-joint

New metal housing with the established ZIPBOLT-drive, with SW5 Hexagon-drive

•All metal

- •Fast/solid/easy
- •compensates drilling-tolerances
- •Course >5 mm
- •For panels-thickness > 22 mm
- •For horizontal assembling

Including bolt M6* x 90 mm and insert M6* x 21mm

ZIPBOLT MIDI UT KD 8x90, KD-joint

Including bolt M8* x 90 mm and insert M8* x 31 mm

Drive

Hex. SW5

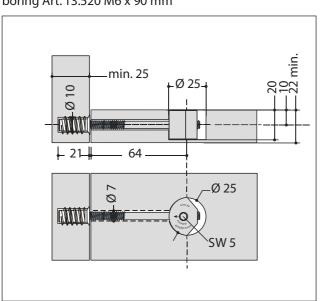
*insert bolts anti-clockwise (lefthand thread), ensuring that fixing can be done clockwise, as usual.



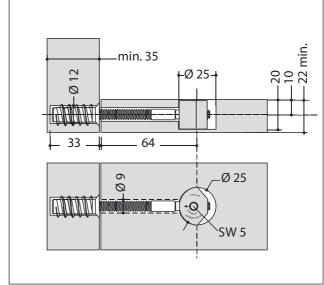


Please fix and loosen joints alternately and gradually.

boring Art. 13.520 M6 x 90 mm



boring Art. 13.500 M8 x 90 mm







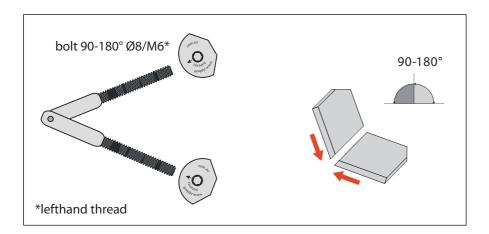
MIDI UT 90 - 180°, mitre-joint

New metal housing with the established **ZIPBOLT**-drive, with SW5 Hexagon-drive

- •All metal
- •Fast/solid/easy
- •compensates drilling-tolerances
- •Course >5 mm
- •Panel-thickness >22 mm
- •For angles from 90 180°

Including mitre-bolt 90-180°/M6*

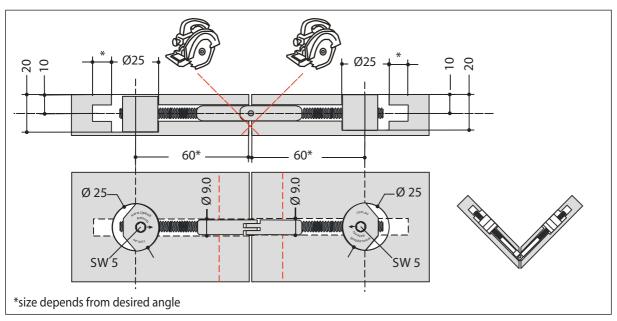
*insert bolts anti-clockwise (lefthand thread), ensuring that fixing can be done clockwise, as usual.





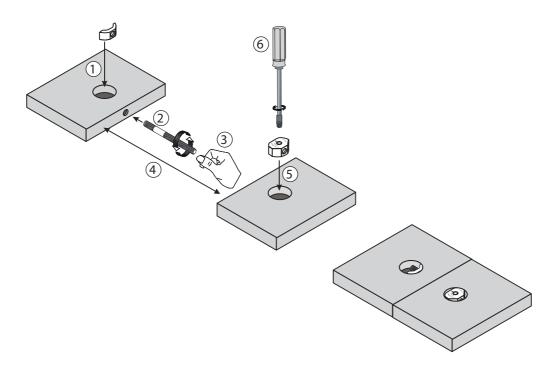
Please fix and loosen joints alternately and gradually.

Drilling Art. 11.600

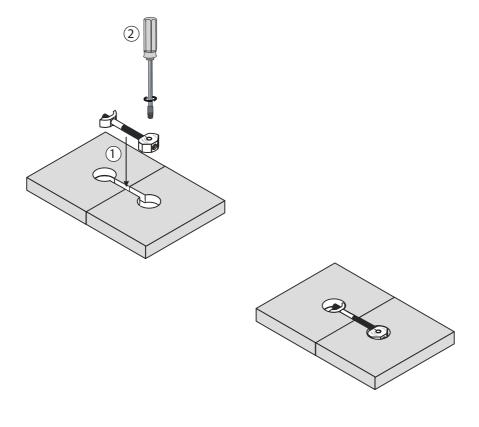




Working steps horizontal panel-joining with frontal through-hole "INLINE-BORED"

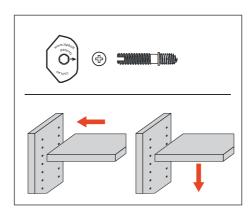


Working steps horizontal panel-joining with visible recess "standard" e.g. kitchen worktops







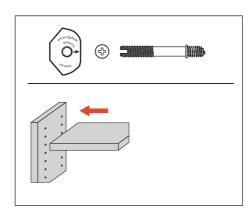


MINI UT KD 6x30, joint for wardrobe cabinets

New metal housing with the established *ZIPBOLT*-drive, with SW4 Hexagon-drive

- •All metal
- •Fast/solid/easy
- •compensates drilling-tolerances
- •Course >5 mm
- •Panel-thickness > 14 mm
- •For horizontal or vertical assembling





MINI UT KD 6x43, joint for wardrobe cabinets

•For horizontal assembling

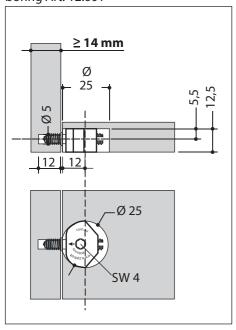
Please fix and loosen joints alternately and gradually.



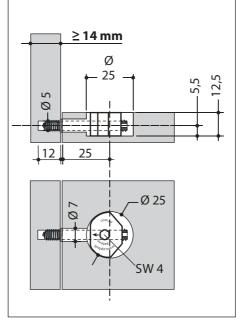




boring Art. 12.601



boring Art. 12.600

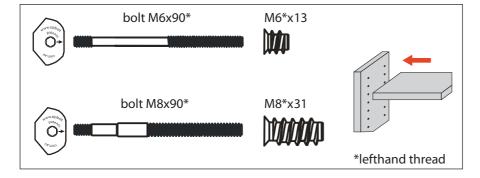








Art. 12.700



MINI UT KD 6x90, straight joint

New metal housing with the established **ZIPBOLT-**drive, with SW4 Hexagon-drive

•All metal

- •Fast/solid/easy
- •compensates drilling-tolerances
- •Course >5 mm
- •Panel-thickness > 14 mm
- For horizontal assembling

including bolt M6* x 90 mm and insert M6* x 13 mm

MINI UT KD 8x90, straight joint

For heavy constructions, such as tables, beds, exhibition-stands

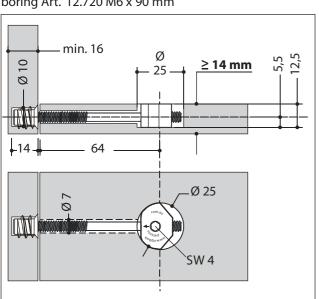
including bolt M8* x 90 mm and insert M8* x 31 mm

*insert bolts anti-clockwise (lefthand thread), ensuring that fixing can be done clockwise, as usual.

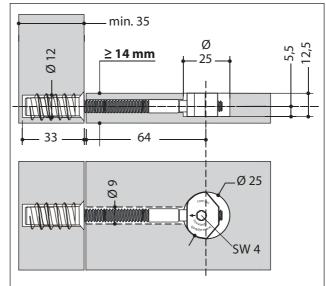


Please fix and loosen joints alternately and gradually.

boring Art. 12.720 M6 x 90 mm



boring Art. 12.700 M8 x 90 mm









MINI UT KD 90-45°, half-mitre joint

New metal housing with the established ZIPBOLT-drive, with SW4 Hexagon-drive

All metal

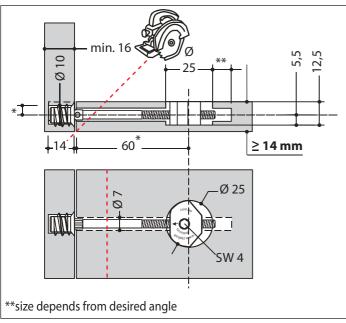
- •Fast/solid/easy
- •compensates drilling-tolerances
- •Course >5 mm
- •Panel-thickness > 14 mm
- •For angles from 90 45°

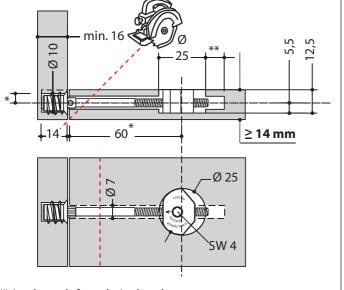
Including mitre-bolt 90 - 45°/M6* and insert M6* x 13 mm

*insert bolts anti-clockwise (lefthand thread), ensuring that fixing can be done clockwise, as usual.

Please fix and loosen joints alternately and gradually.

boring Art. 11.720

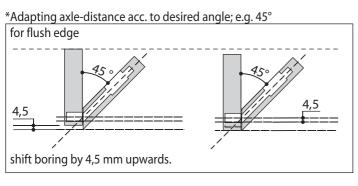
















MINI UT 90 - 180°, mitre-joint

New metal housing with the established **ZIPBOLT**-drive, with SW4 Hexagon-drive

•All metal

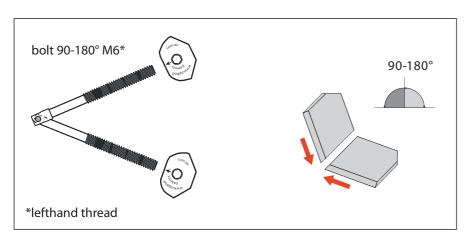
- •Fast/solid/easy
- •compensates drilling-tolerances
- •Course >5 mm

•Panel-thickness >14 mm

•For angles from 90 - 180°

Including mitre-bolt 90 - 180°/M6*

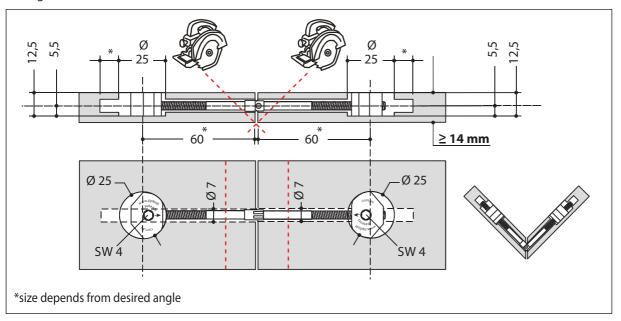
*insert bolts anti-clockwise (lefthand thread), ensuring that fixing can be done clockwise, as usual.





Please fix and loosen joints alternately and gradually.

boring Art. 11.700







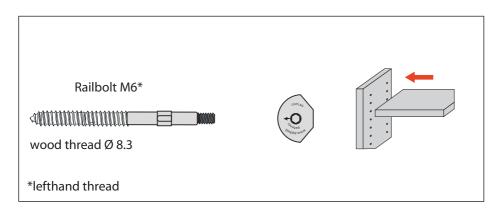
MIDI UT Railbolt, connector e.g. for handrails/staircases

New metal housing with the established *ZIPBOLT*-drive, with SW5 Hexagon-drive

•All metal

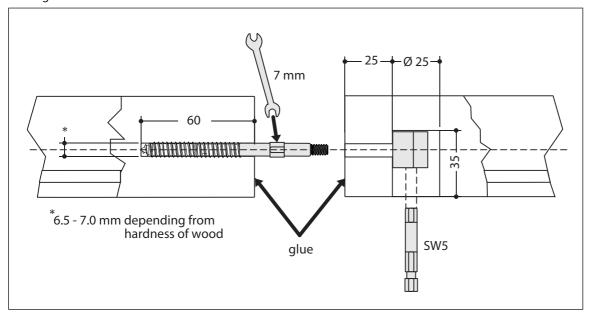
- •Fast/solid/easy
- •compensates drilling-tolerances
- •Course >5 mm
- •For horizontal assembling

Including bolt M6* x 98 mm





Joining of handrail/stair







Railbolt 90-45° M6* wood thread Ø 8.3 *lefthand thread

* size depends from desired angle ** depending from hardness of wood

MIDI UT Angled Railbolt 90-45°

The UT Angled Railbolt, primarily designed for the stair industry to solve the problem of secretly attaching the hand rail at an angle to a newel post.

The connector uses the UT drive technology which enables easy tightening at a right angle and deep with in the hand rail just using a hex bit or simple Allen key.

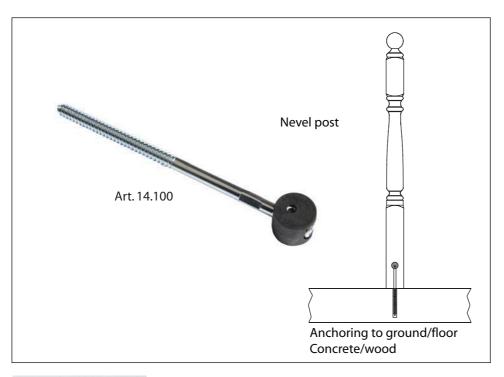
The pivoting 8mm shaft has a coach bolt thread (wood thread) which can be simply hand wound into the post and once the hand rail has been bored and the angle cut (last) it is easily attached. The pivoting action caters to any necessary angle open or closed, it produces a strong joint without the unsightly long screw going through the visible face of the newel post or ugly filled nail holes.











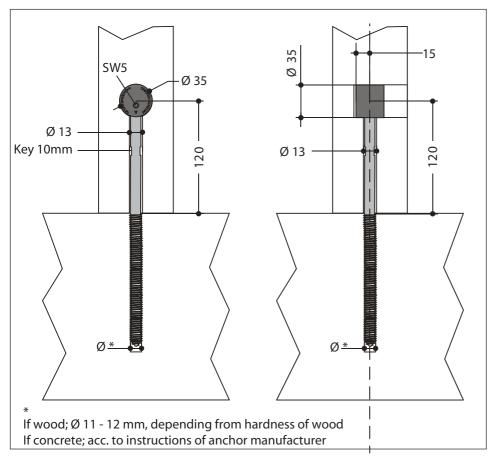


Scale 1:1 Ø 13.5 x 275 mm -











red<mark>dot</mark> 2007



ZIPBOLT M APPLICATIONS



Kitchen worktops



Furniture/living



Tables



Beds



Beds/Headrests



Windows/doors/frames



Exhibition stands



Shop furnishings/projects



Stairs/posts/handrails



Handrail joining





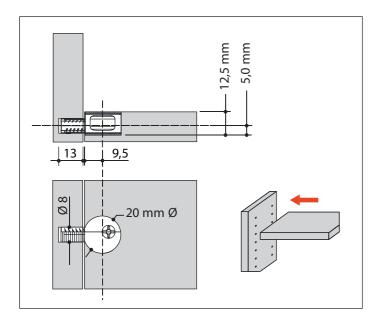


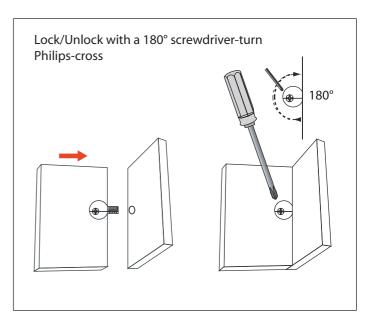
The **ZIPBOLT FASTFIT**TM is truly a one piece - one step connector, this new generation of knockdown connector continues to incorporate Zipbolts' Patented gear drive technology to achieve a new approach to furniture/cabinet assembly. It is released coinciding with the world wide trend towards the

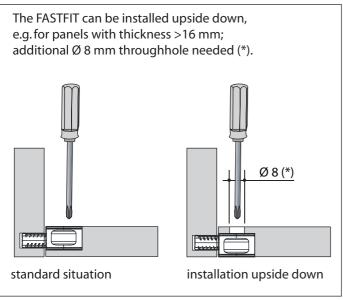
It is released coinciding with the world wide trend towards the use of CNC Routers or Nesting machines and the result is fast and easy manufacturing saving time and money.

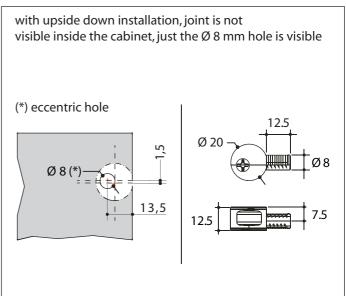
FASTFIT uses a unique mechanism to conceal the thread within the dowel section and then using the gear drive exits the thread to bite directly into the wall of the hole producing a very strong anchor.

It is designed to be unlocked more than once if the situation arises that you need to re adjust or re assemble a cabinet.

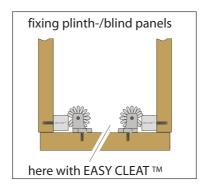


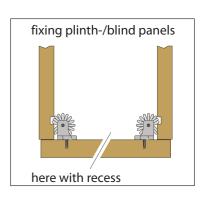


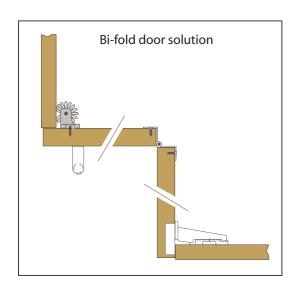


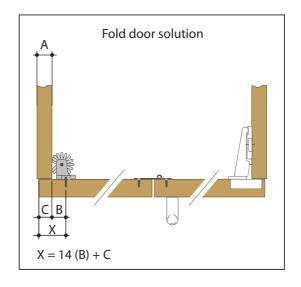






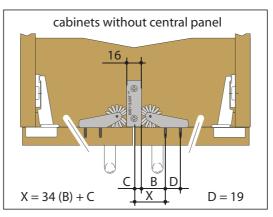






patents pending





Product videos on: www.aht-beschlaege.de

EASY CLEAT ™ Art. 20.200 + EASY CLEAT = Art. 20.300

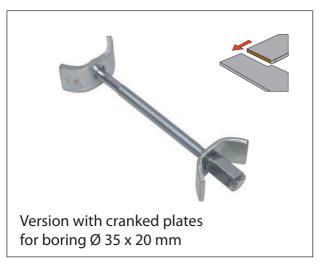
DAISY CATCH

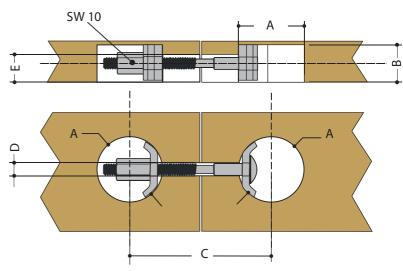
has been designed for quick easy fitting, while protecting adjacent door and maintaining door gap in many applications. The revolutionary wheel design in resilient material avoids use of additional components inside the cabinet. One part and you are done.

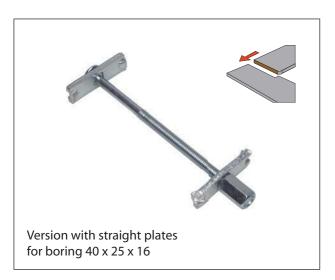
DAISY CATCH-INLINE in combination with **EASY CLEAT**,

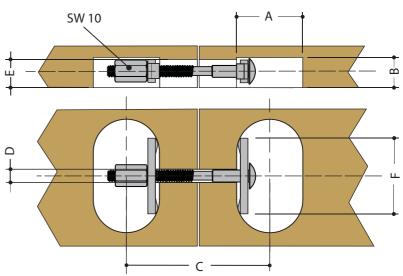
- Fixing down bench tops Fixing panels
- Mounting fixed shelves
- Reinforcement Use your imagination

Colours: white/brown/black









Α	В	C	D	E	F	Art.
Ø 35	20	65	min. 7	15 - 20	-	180004.829.02
Ø 35	20	100	min. 7	15 - 20	-	180004.829.06
Ø 35	20	150	min. 7	15 - 20	-	180004.829.01
min. 25	16	65	min. 7	12 - 16	min. 40	180004.829.26
min. 25	16	100	min. 7	12 - 16	min. 40	180004.829.31
min. 25	16	150	min. 7	12 - 16	min. 40	180004.829.35

Available installation supports (optional)*

special legnth/OEM solutions on demand







Wardrobe-Lift LIFT 10,

Aluminium-execution, tubes made of anodized aluminium with rip-design, plastic-parts silver lacquered, with oil-damping-system for soft lowering of clothes and for support during lifting of clothes into the cabinet.

Fixing directly onto the side-panels inside the cabinet.

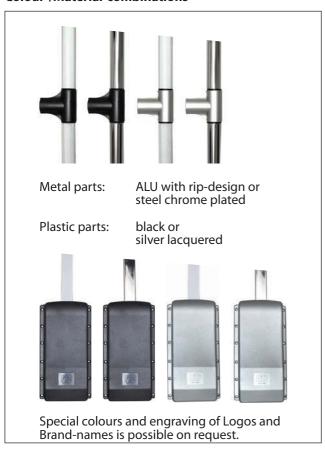
Allows the comfortable use of inner-space which normally can be only hardly reached.

Loading-capacity max. 10 kgs.

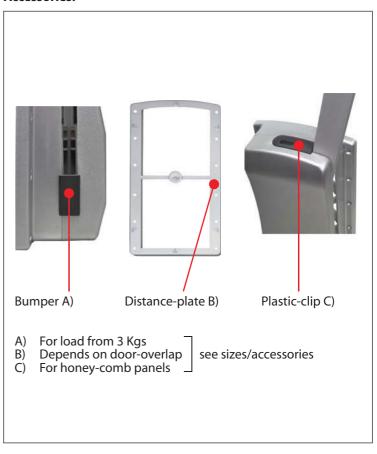
Packing: 870 x 180 x 100 mm
Unit: 6 Set per box
Weight: 2,9 kg per set

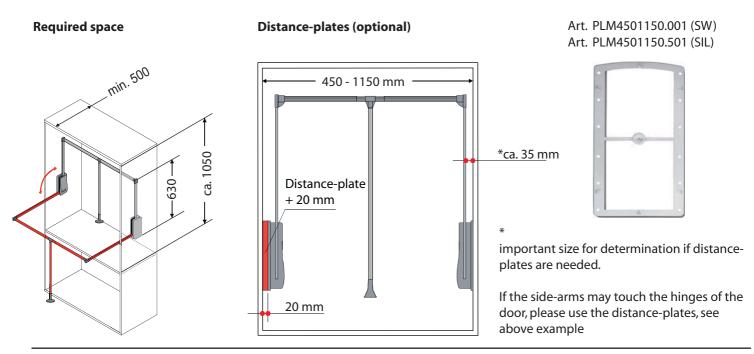
Standard sizes							
Size 1	Siz	ze 2	Size 3		Size 4		
450 – 600	60	00 – 830	720 – 9	980	830 – 1150		
Art.	Ar	t.	Art.		Art.		
LIM450600	LII	M600830	LIM72	0980	LIM 8301150		
	Colour-/Material-combinations						
ALU/plastic		silver/sil	ver		silver/black		
steel/plastic		chrome/	'silver		chrome/black		

Colour-/Material-combinations

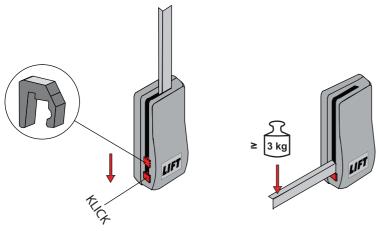


Accessories:





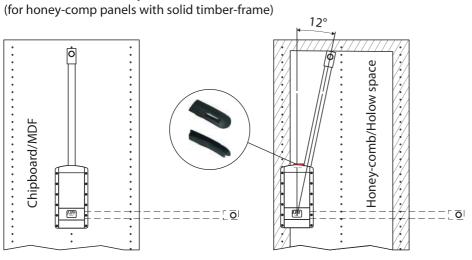






Bumper, Suggested for loads exceeding 3 Kgs

Limitation of course (optional)



Art. STSTOPPER.001



Not necessary with chipboard/solid wood. Fixing on centre of panel.

Limitation with plastic-clip. LIFT can be shifted backwards and fixed onto the solid frame.







Silver/Silver

Black/Silver



The LIFT ALU 15 differs from the basic model LIFT ALU 10, due to 5 kgs more loading-capacity and a unique mounting-system, with considerable ease of use.

Instead of fixing the complete Lift-arm to the side-panel this model allows to position and fix first a small ground-plate, which can be used also as spacer*.

Then the Lift-arm can be easily placed onto the ground-plate and fixed to the side-panel. The last step is the application of a decorative plastic-cover which gives the elegant design to the LIFT ALU 15.

With oil-damping-system for soft lowering of clothes and for support during lifting of clothes into the cabinet.

Loading-capacity max. 15 kgs

3 . ,

The LIFT ALU 15 can be completed with a number of accessories, see catalogue-page "Accessories LIFT ALU 15".

Material: Aluminium/Plastic

Standard colours: Silver/Silver -

Black/Silver

Standard sizes: N.1 450 - 600 mm

N.1 450 - 600 mm N.2 600 - 830 mm N.3 830 - 1150 mm

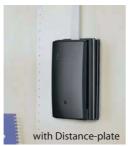
Packing: 885 x 140 x 130 mm

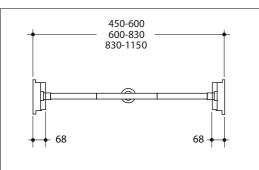
Unit: One piece per carton

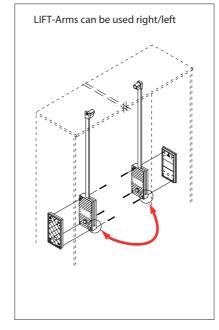
46 pcs. in PAL-BOX 120 x 80 cm

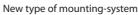
Weight: 4,3 kgs pro Set

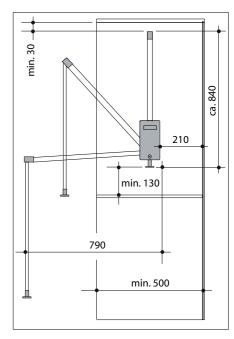






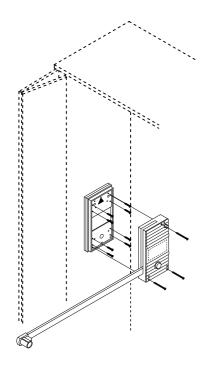




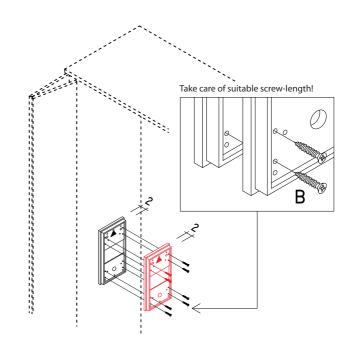


Required space/side view

1. DISTANCE-PLATE/SPACER Art. PLE4501150.501

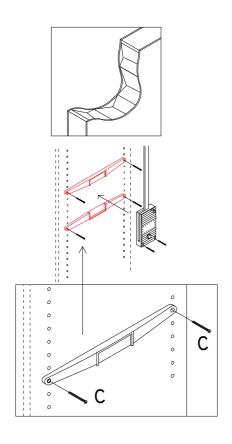


Mounting without distance-plate (illustration without plastic-cover)

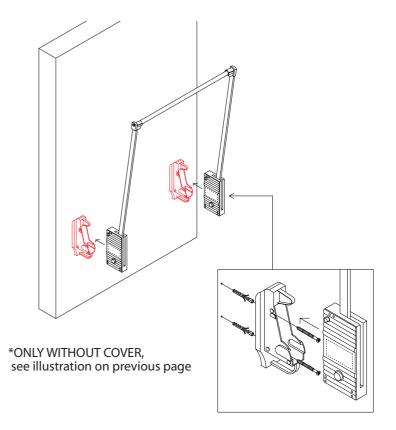


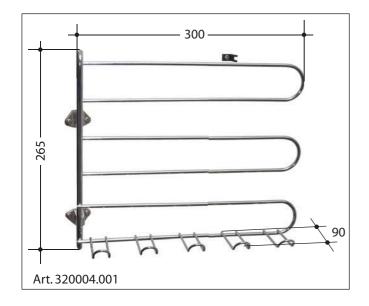
Mounting with additional distance-plate, avoids contact with overlapping door

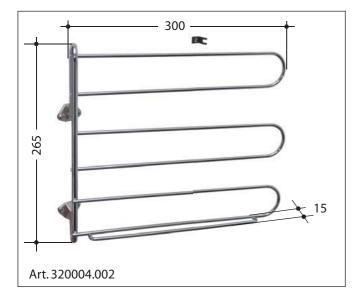
2. ADAPTER FOR HONEY-COMB PANELS



3. ADAPTER FOR WALL-FIXING*







Belt- and Tieholder, swivel-type

300 x 265 x 90 mm (WxHxD), wire-thickness Ø 8 mm, with 3 welded tie-hangers Ø 5 mm, with 5 welded belt-hangers Ø 3 mm, depth 60 mm,

Material: Steel

chrome plated Finish:

Every single piece in polybag, incl. fixing-material: Packing:

2 Fixing-plates, Zamak nickel plated

1 Plastic-clip, black 5 Wood-screws, steel nickel plated

(in separate polybag)

Belt- and Tieholder, swivel-type

300 x 265 x 45 mm (WxHxD), wire-thickness Ø 8 mm, with 3 welded tie-hangers Ø 5 mm, with 1 welded belt-hanger Ø 5 mm, depth 15 mm,

Material: Steel

Finish: chrome plated

Every single piece in polybag, Packing:

incl. fixing-material:

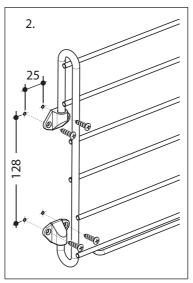
2 Fixing-plates, Zamak nickel plated

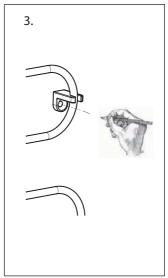
1 Plastic-clip, black

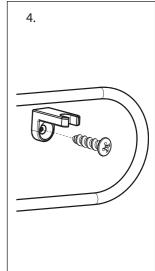
5 Wood-screws, steel nickel plated (in separate polybag)

Installation











Piano hinge, holes, countersank, length acc. to customer instruction

Material: Stainless Steel 1.4301

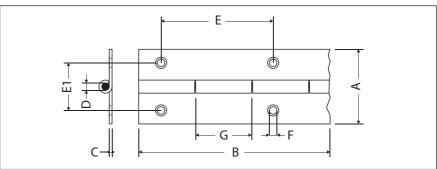
Finish: natural











Α	В	С	D	E	E1	F	G
16 – 60	1.980	0,7 - 3	1,5 - 9	60	9 – 29	2 - 6, 5	10 - 30

Hinge, Stainless Steel 1.4301

Finsh: natural

Α	В	Α	В	С	D	G
30	40	50	60	1,5	4	5
40	40	50	80	1,5	4	5
40	60	60	80	1,5	4	5
40	80	80	80	1,5	4	5

Hinge, Stainless Steel 1.4301

Finsh: natural

Α	В	С	D	G
70	40	1,5	4	5

Hinge, Stainless Steel 1.4301

Finsh: natural

Α	В	C	D	G
80	20	1,5	4	5
90	30	1,5	4	5
100	40	1,5	4	5

Hinge, Stainless Steel 1.4301

Finsh: natural

Α	В	С	D	G
75	20	1,5	4	5
85	30	1,5	4	5
100	40	1,5	4	5

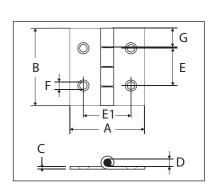
Other sizes, materials and versions can be supplied on demand.



Table hinge, Stainless Steel 1.4301

Finsh: natural

Α	В	С	D	G
81,5	30	1,5	4	10





Hinge, Stainless Steel 1.4301

Finsh: natural

Α	В	С	D	G
185	40	1,5	4	10



Hinge, Stainless Steel 1.4301

Finsh: natural

Α	В	С	D	G
130	40	1,5	4	10



Hinge, Stainless Steel 1.4301

Finsh: natural

Α	В	С	D	G
90	60	3	8	10

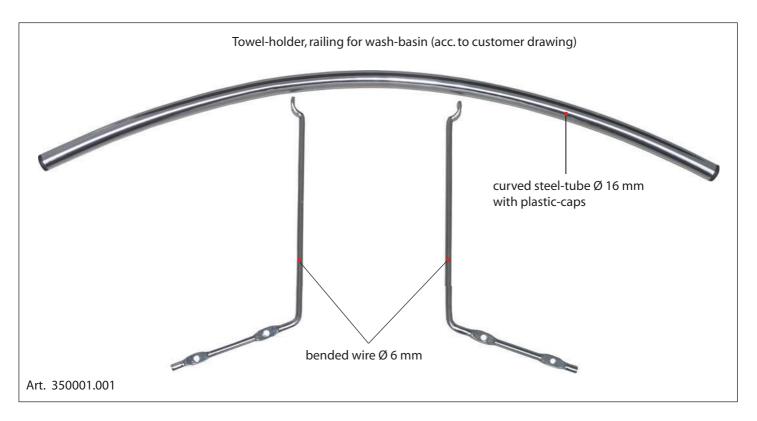


Hinge, Stainless Steel 1.4301

Finsh: natural

Α	В	С	D	G
95	60	2	6	10

Other sizes, materials and versions can be supplied on demand.





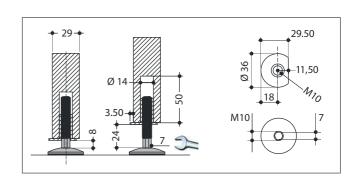




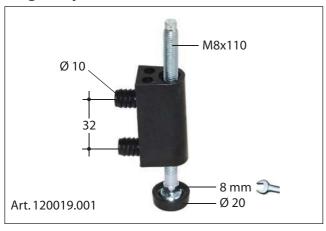


Height adjuster M10 x 55 mm





Height adjuster M8 x 110 mm

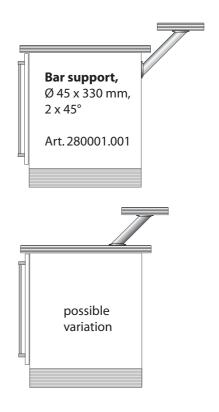


Spacer Ø 15 x 50 mm (M6)

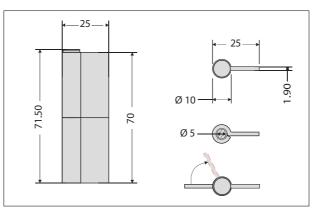


Bar supports, made of steel-tube









Weld-on hinge stainless steel 1.4301 70 x 25 x 1,9 mm

one flange with fix pin, one flange with decorative head, withouth holes

Finish: plain



Hinge, rolled stainless steel 1.4301

60 x 20 x 1mm with 4 holes Ø 4,5 mm, without countersank

Finish: plain



Tarpaulin fastener stainless steel 1.4016

41 x 11 x 12,5 mm

with 2 holes Ø 5 mm, without countersank

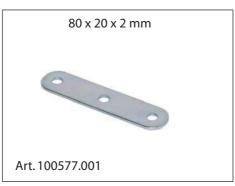
BRACKETS STEEL/PLASTIC













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