VCS

Hardware Master Brochure

BLUM + HÄFELE

For kitchens, wardrobes and media walls.

89 grouped families / 372 article codes
Applications, drilling, setting out and original manufacturer drawings.

VALLEY CABINET STUDIO

Prepared 15 October 2026
Client selection and workshop reference

One reference.
Every configuration matters.

01 FIND A FUNCTION

The two catalogues now share one directory and review system. The45 Blum articles are grouped into19 families; all70 Häfele families remain. Lengths, strengths and finishes sit under their family.

02 CHOOSE THE EXACT ARTICLE

Common drilling is written once. The variant table carries the article-specific differences. Retain the article suffix, mounting method, handed parts and required companion components.

03 READ THE ORIGINAL SOURCE

Blum references use the2024/2025 manual; Häfele references use the supplied2023-base volume with amended pages. Printed references and physical PDF page numbers are retained. The offline edition includes all152 cited source sheets at full size.

04 COMPLETE THE PROJECT REVIEW

Confirm actual material/thickness, clearances, front weight, load, fixings and source template. Where a complete machining pattern is unavailable, obtain the exact installation sheet. Never dimension a hole by scaling a thumbnail.

05 KEEP THE FULL RECORD

The offline brochure includes every original Blum article note, exact-code selection and an exportable review checklist. The combined JSON and CSV support VCS library mapping. A client review records choices; workshop approval releases machining.

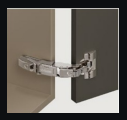
Choose a component family



BLUM / BLF-001 / P.10

CLIP top BLUMOTION 110° hinge family

Hinges



BLUM / BLF-002 / P.11

CLIP top BLUMOTION 155° hinge family

Hinges



BLUM / BLF-003 / P.12

CLIP top BLUMOTION 95° thick-door family

Hinges



BLUM / BLF-004 / P.13

CLIP top BLUMOTION 110° - thin front EXPANDO T

Hinges



BLUM / BLF-005 / P.14

CRISTALLO BLUMOTION 110° - glass/mirror

Hinges



BLUM / BLF-006 / P.15

CLIP top 60° corner bi-fold hinge

Hinges



BLUM / BLF-007 / P.16

CLIP top BLUMOTION 95° blind-corner inset

Hinges



BLUM / BLF-008 / P.17

CLIP top 170° overlay hinge

Hinges



BLUM / BLF-009 / P.18

CLIP cruciform cam mounting plate family

Mounting plates



BLUM / BLF-010 / P.19

MOVENTO full-extension runner family

Runner pairs



BLUM / BLF-011 / P.20

TANDEM 560H full-extension runner family

Runner pairs



BLUM / BLF-012 / P.21

AVENTOS HK-XS lift mechanism family

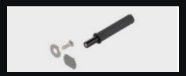
Lift mechanisms



BLUM / BLF-013 / P.22

AVENTOS HK top lift-set family

Lift mechanisms

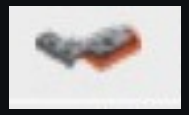


BLUM / BLF-014 / P.23

TIP-ON door opening family

TIP-ON units

Choose a component family



BLUM / BLF-015 / P.24

MOVENTO drawer locking device - left/right

Runner accessories



BLUM / BLF-016 / P.25

TANDEM drawer locking device - left/right

Runner accessories



BLUM / BLF-017 / P.26

MOVENTO inset depth adjustment - left/right

Runner accessories



BLUM / BLF-018 / P.27

MOVENTO pull-out shelf lock set

Runner accessories



BLUM / BLF-019 / P.28

MOVENTO side stabilisation set - up to NL 600

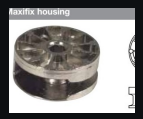
Runner accessories



HÄFELE / HAF-001 / P.29

Minifix 15 eccentric connector

Connectors



HÄFELE / HAF-002 / P.30

Maxifix heavy joint connector

Connectors



HÄFELE / HAF-003 / P.31

Rafix 20 shelf and carcass connector

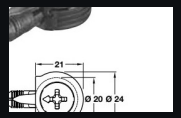
Connectors



HÄFELE / HAF-004 / P.32

TAB 18 locking shelf connector

Connectors



HÄFELE / HAF-005 / P.33

Onefix one-piece connector

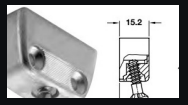
Connectors



HÄFELE / HAF-006 / P.34

Tofix top-panel connector

Connectors



HÄFELE / HAF-007 / P.35

RV clip top-panel connector

Connectors



HÄFELE / HAF-008 / P.36

Cabineo CNC connector

Connectors



HÄFELE / HAF-009 / P.37

SC 8/25 concealed permanent connector

Connectors

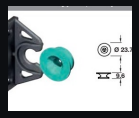
Choose a component family



HÄFELE / HAF-010 / P.38

Button-fix Type 1 panel fixing

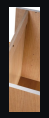
Connectors



HÄFELE / HAF-011 / P.39

Button-fix Type 2 right-angle fixing

Connectors



HÄFELE / HAF-012 / P.40

Space-Plug cabinet spacer

Connectors



HÄFELE / HAF-013 / P.41

Clamex P profile connector

Connectors



HÄFELE / HAF-014 / P.42

Zipbolt low-profile worktop connector

Connectors



HÄFELE / HAF-015 / P.43

Conventional worktop connecting bolt

Connectors



HÄFELE / HAF-016 / P.44

Arret cabinet joining connector

Connectors



HÄFELE / HAF-017 / P.45

Kaiman wall shelf clamp

Shelf supports



HÄFELE / HAF-018 / P.46

Peki glass shelf clamp

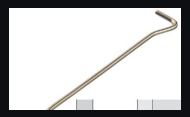
Shelf supports



HÄFELE / HAF-019 / P.47

K-Line wood/glass shelf support

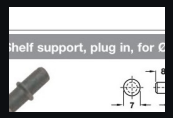
Shelf supports



HÄFELE / HAF-020 / P.48

Swedish concealed wire shelf support

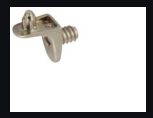
Shelf supports



HÄFELE / HAF-021 / P.49

Plain steel shelf pins

Shelf supports



HÄFELE / HAF-022 / P.50

Threaded anti-tip shelf support

Shelf supports

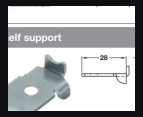


HÄFELE / HAF-023 / P.51

Triade concealed floating shelf bracket

Shelf supports

Choose a component family



HÄFELE / HAF-024 / P.52

Recessed shelf-strip support system

Shelf supports



HÄFELE / HAF-025 / P.53

Atlas suspended cabinet hanger

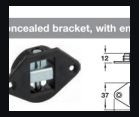
Cabinet suspension



HÄFELE / HAF-026 / P.54

Traser 6 adjustable cabinet hanger

Cabinet suspension



HÄFELE / HAF-027 / P.55

Concealed mirror/panel hanger

Cabinet suspension



HÄFELE / HAF-028 / P.56

Metalla 310 110° concealed hinge

Hinges



HÄFELE / HAF-029 / P.57

Metalla 310 155° wide-angle hinge

Hinges



HÄFELE / HAF-030 / P.58

Metalla angled corner hinge

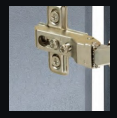
Hinges



HÄFELE / HAF-031 / P.59

Metalla 90° blind-corner hinge

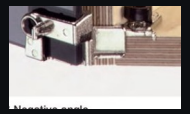
Hinges



HÄFELE / HAF-032 / P.60

Refrigerator door furniture hinge

Hinges



HÄFELE / HAF-033 / P.61

Grass clamp-on glass door hinge

Hinges



HÄFELE / HAF-034 / P.62

Tiomos 95° mini cup hinge

Hinges



HÄFELE / HAF-035 / P.63

Metalla mounting plate family

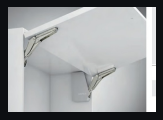
Hinges



HÄFELE / HAF-036 / P.64

Free Space flap lift family

Flap mechanisms



HÄFELE / HAF-037 / P.65

Free Flap lift family

Flap mechanisms

Choose a component family



HÄFELE / HAF-038 / P.66

Free Fold bi-fold lift

Flap mechanisms



HÄFELE / HAF-039 / P.67

Free Up parallel lift

Flap mechanisms



HÄFELE / HAF-040 / P.68

Free Swing lift over cabinet

Flap mechanisms



HÄFELE / HAF-041 / P.69

Maxi adjustable lift stay

Flap mechanisms



HÄFELE / HAF-042 / P.70

Duo friction lid/flap stay

Flap mechanisms



HÄFELE / HAF-043 / P.71

K12 adjustable drop-down stay

Flap mechanisms



HÄFELE / HAF-044 / P.72

Matrix Runner UM A concealed runner

Runners



HÄFELE / HAF-045 / P.73

Grass Dynapro concealed runner

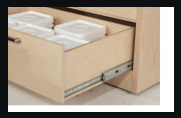
Runners



HÄFELE / HAF-046 / P.74

Accuride 3832 side runner

Runners



HÄFELE / HAF-047 / P.75

Accuride 7957 heavy-duty runner

Runners



HÄFELE / HAF-048 / P.76

Planofit door straightener

Door systems



HÄFELE / HAF-049 / P.77

Matrix R S roller runner

Runners



HÄFELE / HAF-050 / P.78

Accuride 2109 keyboard shelf runner

Runners

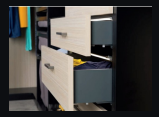


HÄFELE / HAF-051 / P.79

Matrix Box P drawer family

Drawer systems

Choose a component family



HÄFELE / HAF-052 / P.80

Matrix Box Slim A drawer family

Drawer systems



HÄFELE / HAF-053 / P.81

Banio modular sink drawer frame

Drawer systems



HÄFELE / HAF-054 / P.82

Tavinea Optima drawer divider

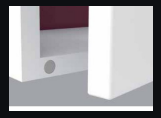
Drawer systems



HÄFELE / HAF-055 / P.83

Matrix waste-trap cutout insert

Drawer systems



HÄFELE / HAF-056 / P.84

Elite concealed magnetic catch

Catches and locks



HÄFELE / HAF-057 / P.85

K Push Tech handle-free catch

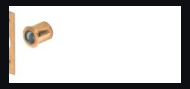
Catches and locks



HÄFELE / HAF-058 / P.86

Linear roller door catch

Catches and locks



HÄFELE / HAF-059 / P.87

Press-fit ball catch

Catches and locks



HÄFELE / HAF-060 / P.88

Child safety drawer catch

Catches and locks



HÄFELE / HAF-061 / P.89

Symo 3000 rim lock

Catches and locks



HÄFELE / HAF-062 / P.90

AXILO 78 adjustable plinth foot

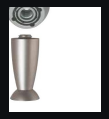
Feet and ventilation



HÄFELE / HAF-063 / P.91

Internal panel leveller adjuster

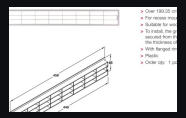
Feet and ventilation



HÄFELE / HAF-064 / P.92

Furniture foot and plate set

Feet and ventilation



HÄFELE / HAF-065 / P.93

Cabinet ventilation grille family

Feet and ventilation

Choose a component family



HÄFELE / HAF-066 / P.94

Cable outlet family

Cable and media



HÄFELE / HAF-067 / P.95

Cable trunking and horizontal guide

Cable and media



HÄFELE / HAF-068 / P.96

Ellipta articulated screen arm

Cable and media



HÄFELE / HAF-069 / P.97

Media shelf turntable

Cable and media



HÄFELE / HAF-070 / P.98

HAWA Concepta pocket-door family

Door systems

CLIP top BLUMOTION 110° hinge family

Kitchen / Wardrobe / Media wall

APPLICATION

General timber doors: overlay, half overlay and inset, with screw-on or INSERTA fixing.

COMMON DRILLING / SETTING OUT

Cup Ø35, minimum depth 13 mm. TB 3-7 mm; cup centre=TB+17.5. FA=TB+C-MD with variant constant C below; formula derived from source p.77 table.

Select actual TB and plate spacing MD from the matching overlay/gap table. Inset cabinet fixing line moves back by front thickness FD+1.5 mm.

INSERTA uses 45 mm fixing centres,9.5 mm offset andØ8 dowel holes(+0.1/-0.0); cupØ35(+0.2/-0.0). Screw-on uses its own boss detail; pilot diameter/depth not stated.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
71B3550	overlay - Screw-on	Overlay screw-on; C=11 mm; cup min 13.
71B3650	dual / half overlay - Screw-on	Half overlay screw-on; C=1.5 mm; cup min 13.
71B3750	inset - Screw-on	Inset screw-on; C=-7 mm; shift plate line FD+1.5.
71B3590	overlay - INSERTA	Overlay INSERTA; C=11; Ø8 dowels.
71B3690	dual / half overlay - INSERTA	Half overlay INSERTA; C=1.5; Ø8 dowels.
71B3790	inset - INSERTA	Inset INSERTA; C=-7; Ø8 dowels; inset shift.

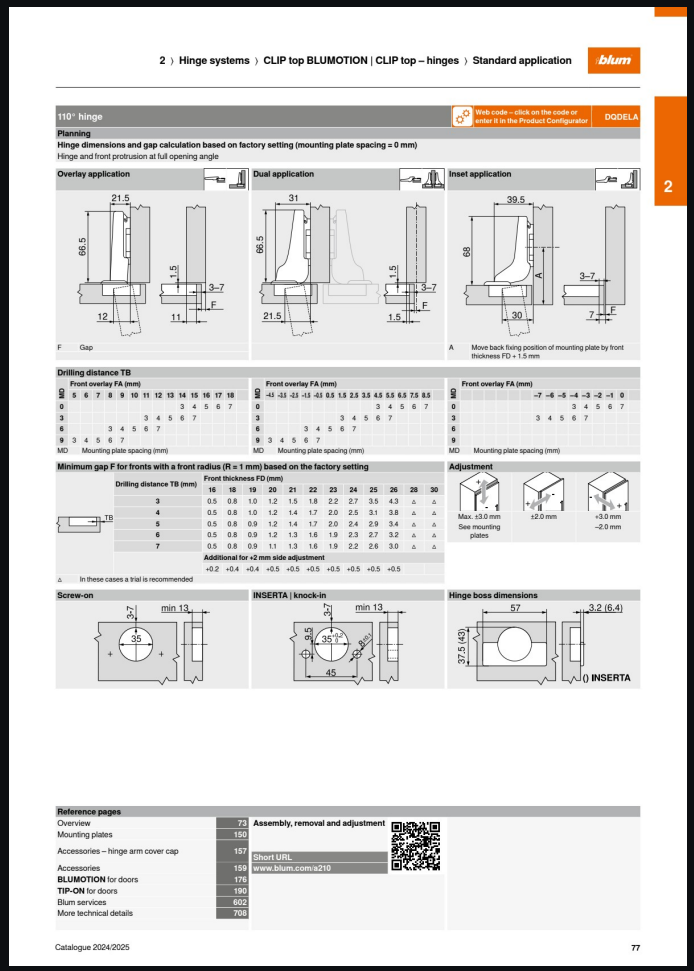
BEFORE MANUFACTURE

Confirm overlay, actual front thickness, edge profile and mounting-plate spacing against the planning table. Check minimum reveal, adjacent-wall clearance, hinge quantity/spacing and removal envelope (manual p.718). Select screw length/pilot drilling for the actual material; make a trial assembly before machining the batch.

COMPANION PARTS

Application-selected CLIP mounting plate; 0 mm example: 173H7100

ORIGINAL BLUM SHEET / 77



Blum printed: 76, 77, 718
Source PDF page(s): 80, 81, 722. Full-size sheets in offline edition.

CLIP top BLUMOTION 155° hinge family

Kitchen / Wardrobe / Media wall

APPLICATION

Wide-angle access for doors covering internal drawers or shelves.

COMMON DRILLING / SETTING OUT

CupØ35, minimum depth 11.7 mm; TB 3-8 mm; cup centre=TB+17.5. Select TB/plate from p.85 for actual front thickness.

Zero protrusion refers to overlay application. Check pull-out travel at 90° and adjacent-wall clearance. Inset uses the dual-application hinge with 9 mm spaced plate; inset fixing line moves FD+1.5.

Additional cabinet-plate screw is required for wide-angle/zero-protrusion hinges. INSERTA: Ø8(+0.1/-0.0),45 mm centres,9.5 mm offset; cupØ35(+0.2/-0.0).

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
71B7550	overlay - Screw-on	Overlay screw-on; use p.85 overlay table.
71B7650	dual / half overlay - Screw-on	Half/dual screw-on; use dual/inset table as applicable.
71B7590	overlay - INSERTA	Overlay INSERTA; Ø8 fixing dowels on 45/9.5 pattern.

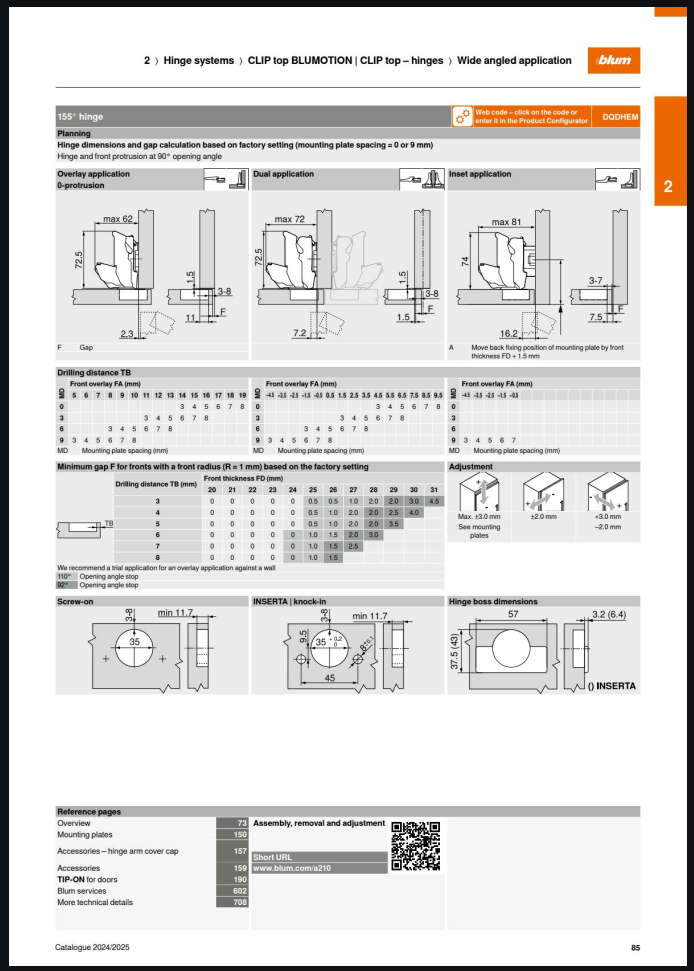
BEFORE MANUFACTURE

Confirm overlay, actual front thickness, edge profile and mounting-plate spacing against the planning table. Check minimum reveal, adjacent-wall clearance, hinge quantity/spacing and removal envelope (manual p.718). Select screw length/pilot drilling for the actual material; make a trial assembly before machining the batch. For an inset design, select the dual-application hinge and a 9 mm spaced plate; do not substitute the overlay hinge.

COMPANION PARTS

CLIP mounting plate selected from p.150 onward; additional fixing screw; Optional 92° or 110° stop from p.84

ORIGINAL BLUM SHEET / 85



2 › Hinge systems › CLIP top BLUMOTION | CLIP top – hinges › Wide angled application

155° hinge

Web code – click on the code or enter it in the Product Configurator DQDHEM

Planning

Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 or 9 mm)

Hinge and front protrusion at 90° opening angle

Overlay application 0-protrusion

Dual application

Inset application

Drilling distance TB

Front overlay FA (mm)

MD Mounting plate spacing (mm)

Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting

Front thickness FD (mm)

Drilling distance TB (mm)

We recommend a trial application for an overlay application against a wall

110° Opening angle stop

92° Opening angle stop

Adjustment

Max. ±3.0 mm See mounting plates

±2.0 mm

+3.0 mm −2.0 mm

Screw-on

INSERTA | knock-in

Hinge boss dimensions

() INSERTA

Reference pages

Overview 73

Mounting plates 150

Accessories – hinge arm cover cap 157

Accessories 159

TIP-ON for doors 190

Blum services 602

More technical details 708

Assembly, removal and adjustment

Short URL www.blum.com/a210

Catalogue 2024/2025 85

Blum printed: 84, 85, 152, 718
Source PDF page(s): 88, 89, 156, 722. Full-size sheets in offline edition.

CLIP top BLUMOTION 95° thick-door family

Kitchen / Wardrobe / Media wall

APPLICATION

Profiled or thick timber fronts with integrated soft close.

COMMON DRILLING / SETTING OUT

Cup diameter 35 mm; BLUMOTION (B) boss requires minimum 13 mm depth. TB 3-7 mm; cup centre = TB + 17.5 mm.

Choose TB and plate spacing from the correct application table on p.91. Read the minimum-gap row for actual FD and R = 1 mm front edge.

Inset: shift the mounting plate back by FD + 1.5 mm from the standard datum. Do not use the shallower CLIP top (T) cup depth for this B article.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
71B9550	overlay	Overlay; select TB/MD from p.91.
71B9650	dual / half overlay	Half overlay; use matching gap/plate table.
71B9750	inset	Inset; cabinet plate line shift FD+1.5 mm.

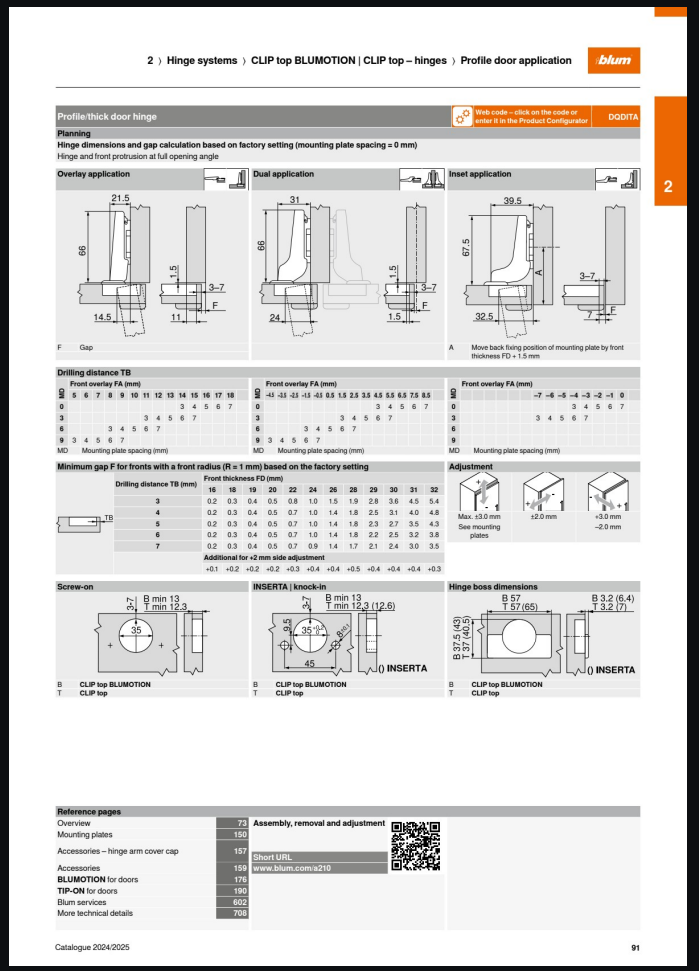
BEFORE MANUFACTURE

Confirm overlay, actual front thickness, edge profile and mounting-plate spacing against the planning table. Check minimum reveal, adjacent-wall clearance, hinge quantity/spacing and removal envelope (manual p.718). Select screw length/pilot drilling for the actual material; make a trial assembly before machining the batch. The manual prohibits combining CLIP top BLUMOTION and CLIP top versions on the same door for this family.

COMPANION PARTS

Application-selected CLIP mounting plate

ORIGINAL BLUM SHEET / 91


2 › Hinge systems › CLIP top BLUMOTION | CLIP top – hinges › Profile door application

Profile/thick door hinge

Web code – click on the code or enter it in the Product Configurator DQDITA

Planning

Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)

Hinge and front protrusion at full opening angle

Overlay application

Dual application

Inset application

Drilling distance TB

Front overlay FA (mm)

Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting

Front thickness FD (mm)

Drilling distance TB (mm)

Additional for +2 mm side adjustment

Adjustment

Max. ±3.0 mm
See mounting plates

±2.0 mm

+3.0 mm
–2.0 mm

Screw-on

INSERTA | knock-in

Hinge boss dimensions

CLIP top BLUMOTION
CLIP top

Reference pages

Overview	73	Assembly, removal and adjustment	
Mounting plates	150		
Accessories – hinge arm cover cap	157	Short URL	
Accessories	159	www.blum.com/a210	
BLUMOTION for doors	176		
TIP-ON for doors	190		
Blum services	602		
More technical details	700		

Catalogue 2024/2025

91

Blum printed: 90, 91, 718
Source PDF page(s): 94, 95, 722. Full-size sheets in offline edition.

CLIP top BLUMOTION 110° – thin front EXPANDO T

Kitchen / Wardrobe / Media wall

APPLICATION

Thin 8-14 mm fronts in compatible board, composite, stone or ceramic materials.

COMMON DRILLING / SETTING OUT

No 35 mm cup: use two EXPANDO T holes on 32 mm vertical centres. Diameter 10 mm (+/-0.1); stone/ceramic tolerance +0.2/-0.1. Minimum drilling depth 6 mm.

Fixing position B = FA + 27 + MD; B permitted 23.5-46 mm. Check the p.105 fixing diagram for the correct edge datum.

Check required plate spacing using the front-thickness/cabinet-side matrix, especially next to a wall. Inset mounting line moves back FD + 1.5 mm.

Tightening torque depends on front material: chipboard/MDF 1.5 Nm; HDF/HPL/mineral composite 2 Nm; listed granite/quartz/ceramic 3 Nm (pp.104,597).

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
71B453T	EXPANDO T	Exact article; see common pattern and full source.

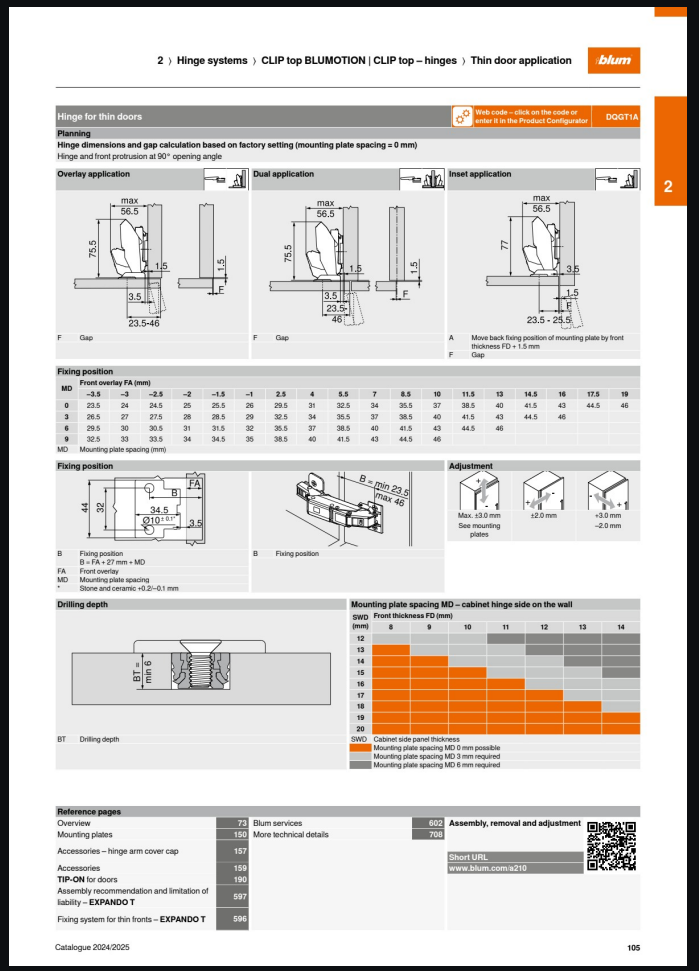
BEFORE MANUFACTURE

Confirm material is covered by the tested-material table and has adequate strength; check hole tolerance and remaining material. Use the material-specific EXPANDO T instructions and a trial fixing; select mounting plate using the wall-clearance matrix.

COMPANION PARTS

Application-selected CLIP mounting plate

ORIGINAL BLUM SHEET / 105



Blum printed: 104, 105, 596, 597, 718
Source PDF page(s): 108, 109, 600, 601, 722. Full-size sheets in offline edition.

CRISTALLO BLUMOTION 110° - glass/mirror

Kitchen / Wardrobe / Media wall

APPLICATION

Glass and mirror fronts, 3-8 mm in the planning drawing; overlay, dual or inset via adhesion position.

COMMON DRILLING / SETTING OUT

No cup drilling in glass. Bond adhesion plate 70T4568C using the adhesive/process specified by the glass supplier.

Adhesion position KT = FA + 3.5 + MD; permitted KT 0-22.5 mm. Use the p.107 edge datum and 52 x 30.2 mm plate drawing.

Manual recommends minimum 2 mm surrounding gaps. Inset: move cabinet plate fixing line back FD + 1.5 mm.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
71B4500C	Bonded adhesion plate; no glass drilling	Exact article; see common pattern and full source.

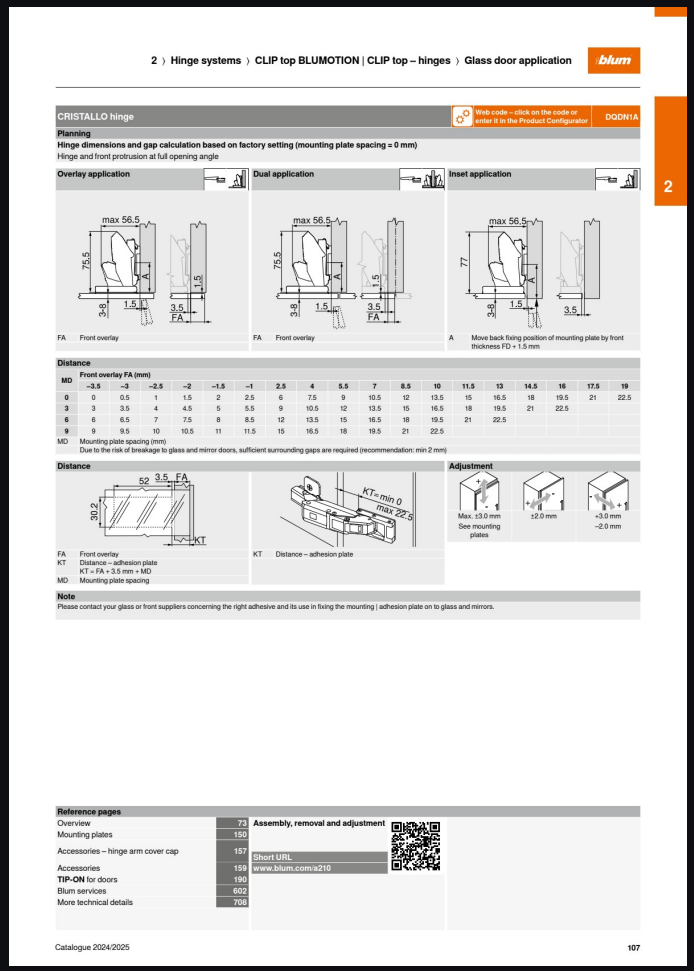
BEFORE MANUFACTURE

Glass/front supplier must specify adhesive, preparation and cure; the manual recommends bonding by an experienced glass manufacturer. Check glass weight, hinge quantity, surrounding gaps and the fixing of the cabinet-side mounting plate.

COMPANION PARTS

70T4568C adhesion plate - choose correct glass/mirror finish; Application-selected CLIP cabinet mounting plate

ORIGINAL BLUM SHEET / 107



2 › Hinge systems › CLIP top BLUMOTION | CLIP top – hinges › Glass door application

CRISTALLO hinge

Web code – click on the code or enter it in the Product Configurator DQDN1A

Planning

Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)

Hinge and front protrusion at full opening angle

Overlay application | Dual application | Inset application

max 56.5

FA Front overlay

A Move back fixing position of mounting plate by front thickness FD + 1.5 mm

Distance

MD	Front overlay FA (mm)																	
	–3.5	–3	–2.5	–2	–1.5	–1	2.5	4	5.5	7	8.5	10	11.5	13	14.5	16	17.5	19
0	0	0.5	1	1.5	2	2.5	6	7.5	9	10.5	12	13.5	15	16.5	18	19.5	21	22.5
3	3	3.5	4	4.5	5	5.5	9	10.5	12	13.5	15	16.5	18	19.5	21	22.5		
6	6	6.5	7	7.5	8	8.5	12	13.5	15	16.5	18	19.5	21	22.5				
9	9	9.5	10	10.5	11	11.5	15	16.5	18	19.5	21	22.5						

MD Mounting plate spacing (mm)

Due to the risk of breakage to glass and mirror doors, sufficient surrounding gaps are required (recommendation: min 2 mm)

Distance | Adjustment

FA Front overlay
KT Distance – adhesion plate
KT = FA + 3.5 mm + MD
MD Mounting plate spacing

Note

Please contact your glass or front suppliers concerning the right adhesive and its use in fixing the mounting | adhesion plate on to glass and mirrors.

Reference pages

Overview 73
Mounting plates 150
Accessories – hinge arm cover cap 157
Accessories 159
TIP-ON for doors 190
Blum services 602
More technical details 708

Assembly, removal and adjustment

Short URL
www.blum.com/a210

Catalogue 2024/2025 107

Blum printed: 106, 107, 718
Source PDF page(s): 110, 111, 722. Full-size sheets in offline edition.

CLIP top 60° corner bi-fold hinge

Kitchen / Wardrobe / Media wall

APPLICATION

Connector hinge between the two leaves of a corner-cabinet bi-fold door.

COMMON DRILLING / SETTING OUT

Cup diameter 35 mm; minimum depth 11 mm; cup centre 12.5 mm from front edge, as shown in the special p.117 boss detail. Do not apply the standard TB + 17.5 formula.

Planning shows 19 mm front with 0 mm or 3 mm spaced mounting plate. Select the correct arrangement; factory front-thickness setting is 19 mm.

Put the bi-fold hinge boss in the same front leaf as the boss of the 155°/170° cabinet hinge. Adjust gap with the dedicated adjustment screw.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
79T8500	Screw-on	Exact article; see common pattern and full source.

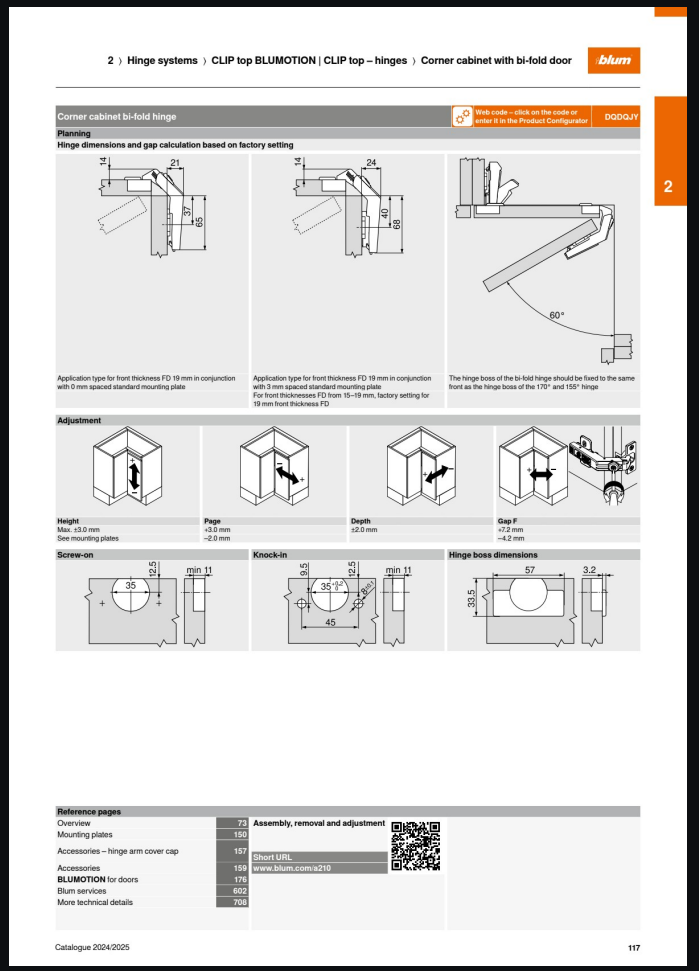
BEFORE MANUFACTURE

Confirm front thickness against pp.116-117; p.116 states 15-23 mm overall, while the illustrated 3 mm plate application on p.117 states 15-19 mm. Confirm paired wide-angle hinge, leaf sequence, corner geometry and opening clearance in a trial assembly.

COMPANION PARTS

155° or 170° cabinet hinge; Application-selected mounting plate

ORIGINAL BLUM SHEET / 117



Blum printed: 116, 117, 718
Source PDF page(s): 120, 121, 722. Full-size sheets in offline edition.

CLIP top BLUMOTION 95° blind-corner inset

Kitchen / Wardrobe / Media wall

APPLICATION

Inset blind-corner front mounted to a muntin.

COMMON DRILLING / SETTING OUT

Cup diameter 35 mm, minimum depth 13 mm for BLUMOTION B version; TB 3-7 mm.

Use only a 3 mm spaced standard mounting plate for an internally flush door/muntin. Move fixing line 15.5 mm nearer the muntin edge: setback 21.5 mm.

Gap F = 8 - TB. Check p.97 minimum-gap table; drawing requires minimum 70 mm removal/space envelope.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
79B9550	Screw-on	Exact article; see common pattern and full source.

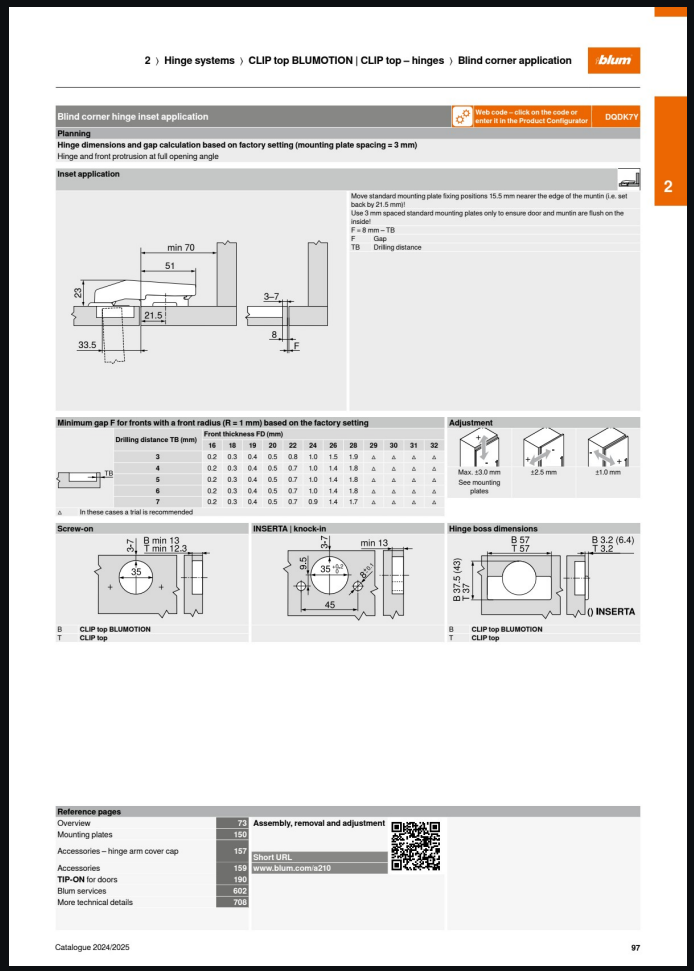
BEFORE MANUFACTURE

Confirm overlay, actual front thickness, edge profile and mounting-plate spacing against the planning table. Check minimum reveal, adjacent-wall clearance, hinge quantity/spacing and removal envelope (manual p.718). Select screw length/pilot drilling for the actual material; make a trial assembly before machining the batch. Do not combine CLIP top BLUMOTION and CLIP top hinges on this door; do not use the 37 mm standard plate setback here.

COMPANION PARTS

3 mm spaced CLIP mounting plate, e.g. 173H7130

ORIGINAL BLUM SHEET / 97



2 › Hinge systems › CLIP top BLUMOTION | CLIP top – hinges › Blind corner application

Blind corner hinge inset application

Web code – click on the code or enter it in the Product Configurator DQDK7Y

Planning

Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 3 mm)

Hinge and front protrusion at full opening angle

Inset application

Move standard mounting plate fixing positions 15.5 mm nearer the edge of the muntin (i.e. set back by 21.5 mm)!
Use 3 mm spaced standard mounting plates only to ensure door and muntin are flush on the inside!
F = 8 mm – TB
F Gap
TB Drilling distance

min 70
51
23
21.5
33.5
3–7
8
F

Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting

Drilling distance TB (mm)	Front thickness FD (mm) 16	18	19	20	22	24	26	28	29	30	31	32
3	0.2	0.3	0.4	0.5	0.8	1.0	1.5	1.9	△	△	△	△
4	0.2	0.3	0.4	0.5	0.7	1.0	1.4	1.8	△	△	△	△
5	0.2	0.3	0.4	0.5	0.7	1.0	1.4	1.8	△	△	△	△
6	0.2	0.3	0.4	0.5	0.7	1.0	1.4	1.8	△	△	△	△
7	0.2	0.3	0.4	0.5	0.7	0.9	1.4	1.7	△	△	△	△

△ In these cases a trial is recommended

Adjustment

Max. ±3.0 mm See mounting plates
±2.5 mm
±1.0 mm

Screw-on

B min 13
T min 12.3
35

INSERTA | knock-in

min 13
9.5
35
45

Hinge boss dimensions

B 57
T 57
B 3.2 (6.4)
T 3.2
B 37.5 (43)
T 37
() INSERTA

B CLIP top BLUMOTION
T CLIP top

Reference pages

Overview	73	Assembly, removal and adjustment	
Mounting plates	150		
Accessories – hinge arm cover cap	157	Short URL	
Accessories	159	www.blum.com/a210	
TIP-ON for doors	190		
Blum services	602		
More technical details	708		

Catalogue 2024/2025 97

Blum printed: 96, 97, 718
Source PDF page(s): 100, 101, 722. Full-size sheets in offline edition.

CLIP top 170° overlay hinge

Kitchen / Wardrobe / Media wall

APPLICATION

Wide-angle overlay front; sprung CLIP top version without integrated BLUMOTION.

COMMON DRILLING / SETTING OUT

Cup diameter 35 mm; minimum drilling depth 11 mm; TB 3-8 mm for overlay. Select TB and plate spacing from p.89.

At R = 1 mm edge radius, p.89 states no minimum gap F required up to FD 21 mm; above 22 mm a trial application is recommended. Check the unaddressed 21-22 mm boundary before manufacture.

Additional mounting-plate fixing screw required for wide-angle hinges. Check removal envelope and adjacent furniture.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
71T6550	Screw-on	Exact article; see common pattern and full source.

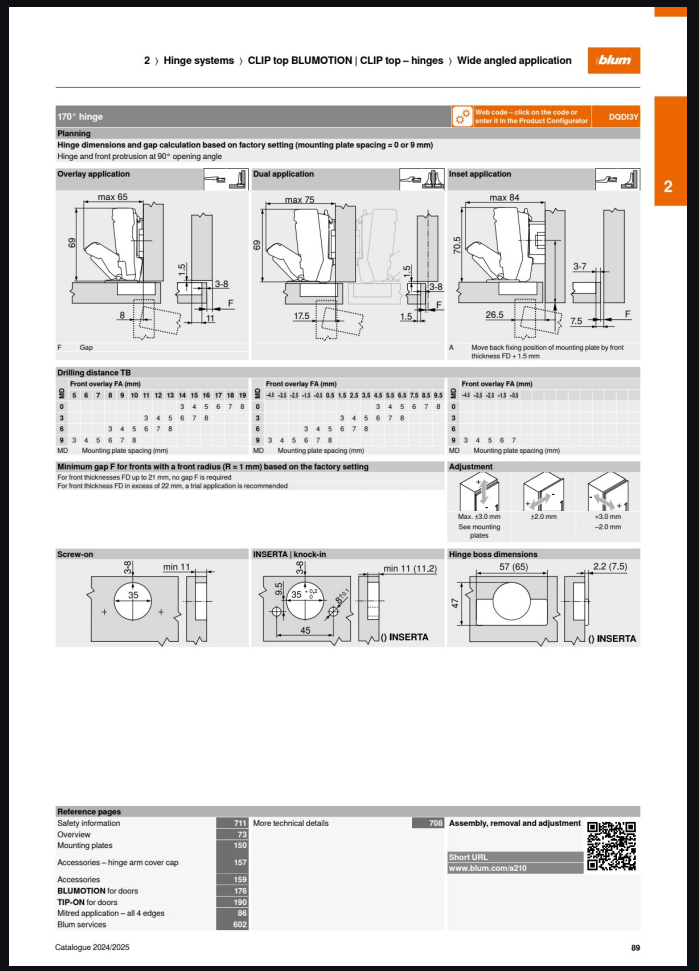
BEFORE MANUFACTURE

Confirm overlay, actual front thickness, edge profile and mounting-plate spacing against the planning table. Check minimum reveal, adjacent-wall clearance, hinge quantity/spacing and removal envelope (manual p.718). Select screw length/pilot drilling for the actual material; make a trial assembly before machining the batch. Manual p.88 directs use of 155° 0-protrusion hinges where young children have access to furniture with wide-angle hinges.

COMPANION PARTS

Application-selected CLIP mounting plate plus additional screw; Optional clip-on BLUMOTION 973A6000

ORIGINAL BLUM SHEET / 89



Blum printed: 88, 89, 152, 718
Source PDF page(s): 92, 93, 156, 722. Full-size sheets in offline edition.

CLIP cruciform cam mounting plate family

Kitchen / Wardrobe / Media wall

APPLICATION

Cabinet-side mounting plates with 0/3 mm spacing and screw, INSERTA or EXPANDO fixing.

COMMON DRILLING / SETTING OUT

Standard overlay fixing line 37 mm from cabinet front; vertical centres 32 mm. Adjust for hinge-specific inset or blind-corner geometry before marking.

MD 0 plate overall height 8.5 mm; MD 3 height 11.5 mm. Cam height adjustment±2 mm.
Wide-angle/zero-protrusion hinges require the additional screw; source minimum screw length 20 mm.

Screw-on plates useØ3.5/4 chipboard screws; choose pilot for material. INSERTA/EXPANDO: Ø5(±0.1),minimum depth 11.5 mm, with their own assembly detail.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
173H7100	Screw-on	MD 0,H8.5; screw-on; material-specific pilot.
173H7130	Screw-on	MD 3,H11.5; screw-on; same 37/32 datum.
174H7100I	INSERTA	MD 0,H8.5; INSERTA Ø5,min 11.5 deep.
174H7130I	INSERTA	MD 3,H11.5; INSERTA Ø5,min 11.5 deep.
174H7100E	EXPANDO	MD 0,H8.5; EXPANDO Ø5,min 11.5 deep.
174H7130E	EXPANDO	MD 3,H11.5; EXPANDO Ø5,min 11.5 deep.

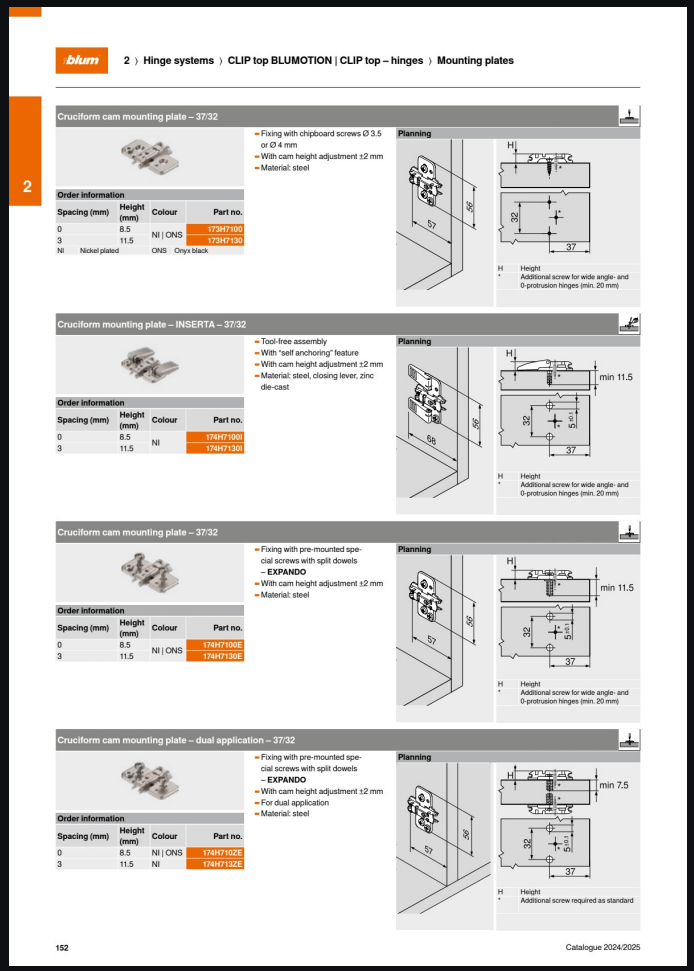
BEFORE MANUFACTURE

Confirm compatibility with exact hinge, required MD, fixing method and side thickness. Check inset/blind-corner datum shift and whether an additional screw is required.

COMPANION PARTS

Compatible CLIP hinge

ORIGINAL BLUM SHEET / 152



blum

2 › Hinge systems › CLIP top BLUMOTION | CLIP top – hinges › Mounting plates

2

Cruciform cam mounting plate – 37/32

- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- With cam height adjustment ±2 mm
- Material: steel

Order information

Spacing (mm)	Height (mm)	Colour	Part no.
0	8.5	NI | ONS	173H7100
3	11.5		173H7130

NI Nickel plated ONS Onyx black

Planning

Cruciform mounting plate – INSERTA – 37/32

- Tool-free assembly
- With "self anchoring" feature
- With cam height adjustment ±2 mm
- Material: steel, closing lever, zinc die-cast

Order information

Spacing (mm)	Height (mm)	Colour	Part no.
0	8.5	NI	174H7100I
3	11.5		174H7130I

Planning

Cruciform cam mounting plate – 37/32

- Fixing with pre-mounted special screws with split dowels – **EXPANDO**
- With cam height adjustment ±2 mm
- Material: steel

Order information

Spacing (mm)	Height (mm)	Colour	Part no.
0	8.5	NI | ONS	174H7100E
3	11.5		174H7130E

Planning

Cruciform cam mounting plate – dual application – 37/32

- Fixing with pre-mounted special screws with split dowels – **EXPANDO**
- With cam height adjustment ±2 mm
- For dual application
- Material: steel

Order information

Spacing (mm)	Height (mm)	Colour	Part no.
0	8.5	NI | ONS	174H710ZE
3	11.5	NI	174H713ZE

Planning

152 Catalogue 2024/2025

Blum printed: 152
Source PDF page(s): 156. Full-size sheets in offline edition.

MOVENTO full-extension runner family

Kitchen / Wardrobe / Media wall

APPLICATION

Concealed timber drawer runners with 40/60 kg capacity; lengths grouped.

COMMON DRILLING / SETTING OUT

SKL=NL-10; SKW=LW-42(+0/-1.5). SKW is internal drawer width, not outside width. Baseline cabinet depth=NL+3. Inner drawer adds front thickness X to drawer/depth formulas.

Drawer side≤16 mm; side adjustment restricted at 16 mm. Top clearance≥7; bottom envelope 38 mm; add 1 mm if runner fitted before cabinet assembly.

Rear hookØ6×10 deep,11 mm vertical datum. Notch 75 mm or 125 with TIP-ON BLUMOTION. Use T65.1000.02 and the NL-specific p.428 runner fixing row; screws 3.5×15 or system 6×14.5.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
760H4500S	40 kg	NL 450; 40 kg; SKL 440; cabinet depth 453; NL fixing row p.428.
760H5000S	40 kg	NL 500; 40 kg; SKL 490; cabinet depth 503; NL fixing row p.428.
760H5500S	40 kg	NL 550; 40 kg; SKL 540; cabinet depth 553; NL fixing row p.428.
766H5000S	60 kg	NL 500; 60 kg; SKL 490; cabinet depth 503; NL fixing row p.428.

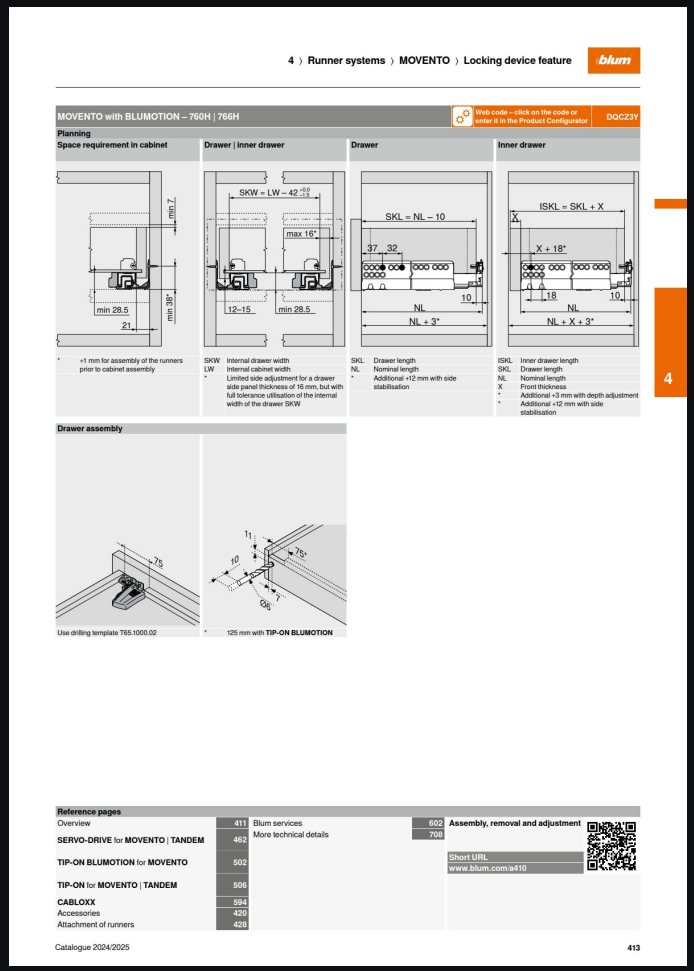
BEFORE MANUFACTURE

Confirm finished drawer mass plus payload is within the selected dynamic capacity. Check actual LW, drawer-side thickness, bottom position, inner-front thickness and all optional fittings. Side stabilisation adds 12 mm depth; depth adjustment adds 3 mm for the inset arrangement. Use the source footnotes and trial drawer.

COMPANION PARTS

T51.7601 left AND right; Exact cabinet screw schedule from p.428

ORIGINAL BLUM SHEET / 413



Blum printed: 412, 413, 428
Source PDF page(s): 416, 417, 432. Full-size sheets in offline edition.

TANDEM 560H full-extension runner family

Kitchen / Wardrobe / Media wall

APPLICATION

Concealed 30 kg timber drawer runners;450/500/550 lengths grouped.

COMMON DRILLING / SETTING OUT

SKL=NL-10; SKW=LW-42(+0/-1.5), internal drawer width. Baseline cabinet depth=NL+3; inner drawer adds front thickness X.

Drawer sides 11-16 mm; top clearance≥7; bottom envelope 37 mm. Side stabilisation adds 3 mm to marked bottom clearance.

Rear hookØ6×10 deep,11 mm vertical/7 mm lateral datums per p.435. Use T65.1000.02 for rear/front locks and the NL-specific p.460 runner fixing row. Screws 4×15 or system 6×14.5.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
560H4500B	30 kg	NL 450;30 kg; SKL 440; cabinet depth 453; fixing row p.460.
560H5000B	30 kg	NL 500;30 kg; SKL 490; cabinet depth 503; fixing row p.460.
560H5500B	30 kg	NL 550;30 kg; SKL 540; cabinet depth 553; fixing row p.460.

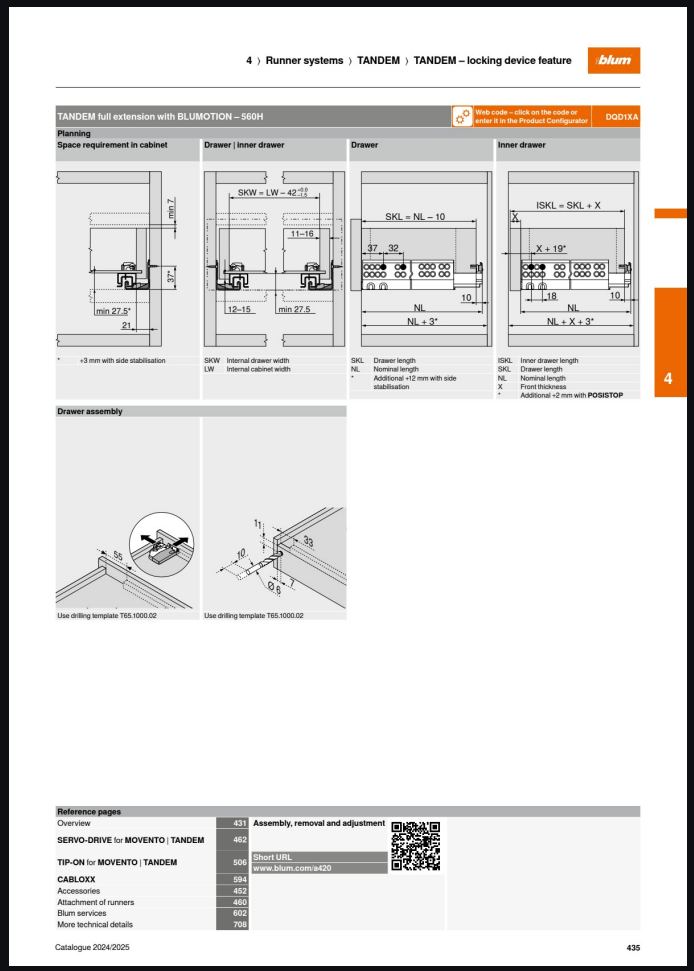
BEFORE MANUFACTURE

Confirm finished drawer mass plus payload is within the selected dynamic capacity. Check actual LW, drawer-side thickness, bottom position, inner-front thickness and all optional fittings. Side stabilisation adds 12 mm depth; POSISTOP adds 2 mm for the inset arrangement. Use the source footnotes and trial drawer.

COMPANION PARTS

T51.1700.04 left AND right; Exact cabinet screw schedule from p.460

ORIGINAL BLUM SHEET / 435



Blum printed: 434, 435, 460
Source PDF page(s): 438, 439, 464. Full-size sheets in offline edition.

AVENTOS HK-XS lift mechanism family

Kitchen / Wardrobe / Media wall

APPLICATION

Compact stay for upward timber fronts; power options grouped.

COMMON DRILLING / SETTING OUT

LF=KH×FG; FG includes double handle weight. KH240-600 mm; opening up to105°. LF bands are for one mechanism; double for mechanisms both sides.

Cabinet H=137+MD+K+SOB; K0/9.5/18 for straight/cranked/double-cranked hinge. Fixing centres32; standard setback37. LT≥125; shallow LT100 uses45 setback and its altered bracket layout.

Wood bracket top=125.5+MD+K+FAo; centres32; side15.5 from overlay datum. Use p.64 for shallow variant. Bottom gap1.5; upper gap depends on hinge. Cornice: use X table; Y=(FH-X)×0.3.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
20K1101	LF 200-1000	Single mechanism LF[200, 1000]; same geometry, strength changes.
20K1301	LF 500-1500	Single mechanism LF[500, 1500]; same geometry, strength changes.
20K1501	LF 800-1800	Single mechanism LF[800, 1800]; same geometry, strength changes.

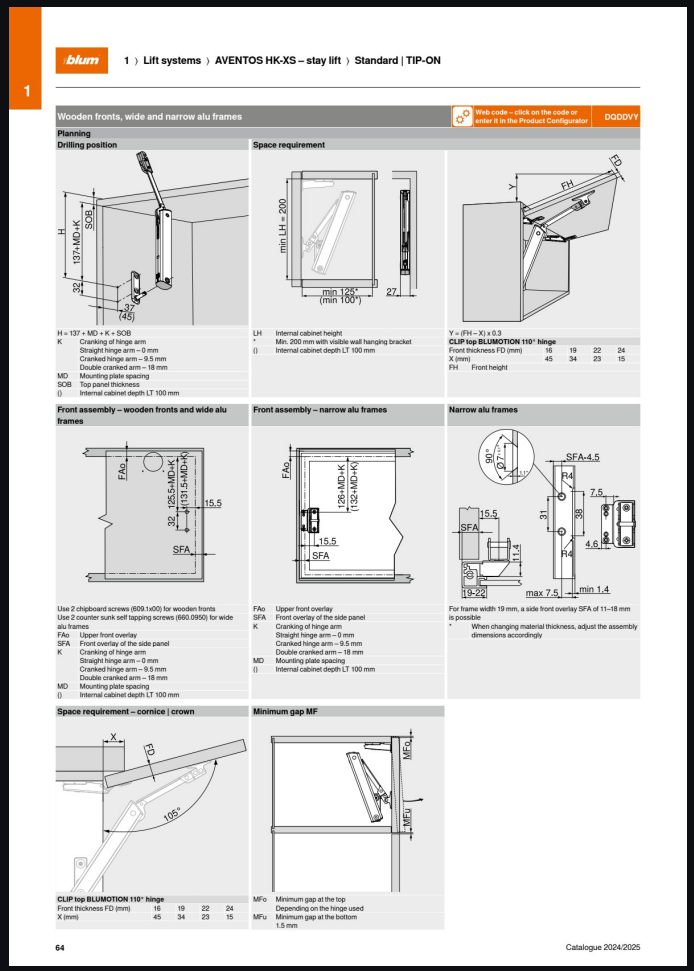
BEFORE MANUFACTURE

Calculate LF with real front and handle weights; choose stronger mechanism in overlap and trial borderline selections. Confirm one-sided/two-sided arrangement, hinge quantity, bracket material, internal depth and cornice clearance. Adjust mechanism to hold the front in position.

COMPANION PARTS

20K5101 cabinet screw-on fixing (or compatible EXPANDO variant); 20K4101 wooden/wide-frame front bracket (choose aluminium variant when needed); CLIP top BLUMOTION hinge and application-selected plate

ORIGINAL BLUM SHEET / 64



Blum printed: 62, 64
Source PDF page(s): 66, 68. Full-size sheets in offline edition.

AVENTOS HK top lift-set family

Kitchen / Wardrobe / Media wall

APPLICATION

Lift-up front system; system-screw sets with grouped power ranges.

COMMON DRILLING / SETTING OUT

LF=KH×FG; FG includes double handle weight. KH205-600; width≤1800; front≤18 kg with two mechanisms. Match the selected set LF band.

System-screw pattern: Ø5×11.5 deep; fixing line36 below top datum; first setback37, then32/64/32. Chipboard-screw pattern differs; orange p.48 dimensions are SERVO-DRIVE-specific.

Wood bracket top=62+FAo-SOB, then three32 mm steps; side12.5 from overlay datum. Four screws per side; FAo≤25.4. Minimum gap2; internal height≥173. Check depth/cornice; Y=FH×0.29+FD-SOB at full opening.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
22K2310	LF 420-1610	Two-mechanism set LF[420, 1610]; system-screw Ø5×11.5 deep.
22K2510	LF 930-2800	Two-mechanism set LF[930, 2800]; system-screw Ø5×11.5 deep.
22K2710	LF 1730-5200	Two-mechanism set LF[1730, 5200]; system-screw Ø5×11.5 deep.

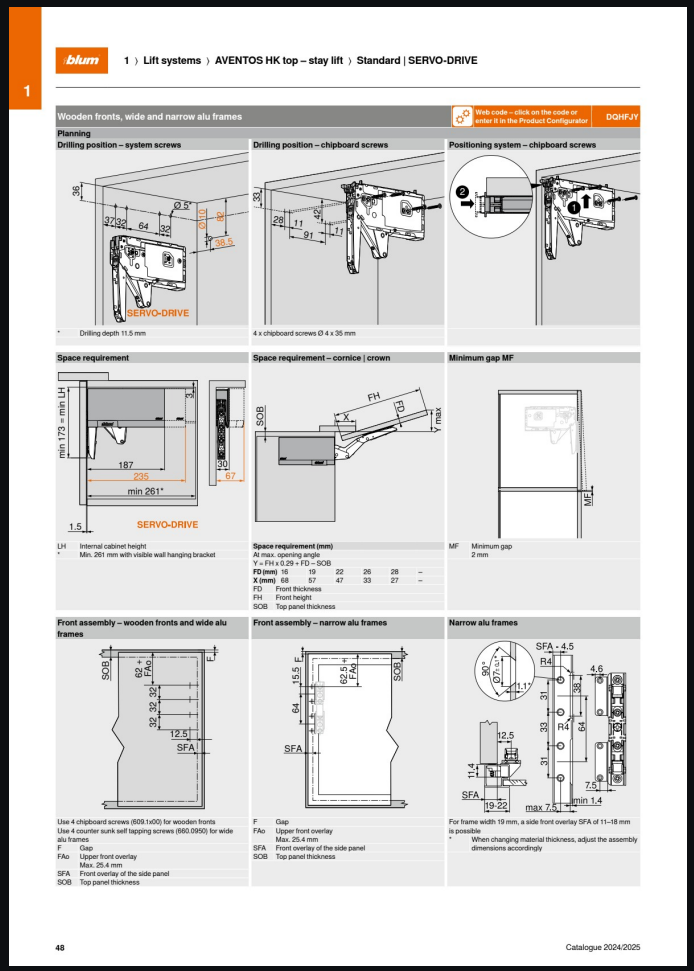
BEFORE MANUFACTURE

Confirm LF and total front mass, internal space and exact front-fixing bracket. Confirm chosen fixing variant; check crown/cornice table. Adjust lift strength and opening stop (75-107°) using the assembly guide.

COMPANION PARTS

20S4200 front bracket set for wood/wide aluminium; 20S4200A narrow aluminium; 20S42T1 thin front as appropriate; 22K8000 cover-cap set; Optional SERVO-DRIVE parts require separate electrical configuration

ORIGINAL BLUM SHEET / 48



Blum printed: 46, 48
Source PDF page(s): 50, 52. Full-size sheets in offline edition.

TIP-ON door opening family

Kitchen / Wardrobe / Media wall

APPLICATION

Handle-free opening with short/long magnet or long bumper versions.

COMMON DRILLING / SETTING OUT

Concealed installationØ10(+0.1/-0.0); minimum hole depth varies by article. Unit projection reference 0.6 mm on p.192.

Magnet: use unsprung hinges and the complete catch-plate detail;1.5 mm minimum gap in upper detail differs from 2.6/3.1 mm adhesive/screw plate stack.

Bumper: minimum front gap 3.2 mm, normally no catch plate; plate recommended for very soft surfaces. Surface adapters are alternatives and have separate fixing patterns(p.193).

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
956.1004	short magnet	Short magnet; Ø10,min 50 deep; travel~17; unsprung hinge.
956A1004	long magnet	Long magnet; Ø10,min 76 deep; travel~38; unsprung hinge.
956A1006	long bumper	Long bumper; Ø10,min 76 deep; gap≥3.2; no magnet plate.
956A1006F	long bumper, strong spring	Long strong bumper; Ø10,min 76 deep; gap≥3.2.

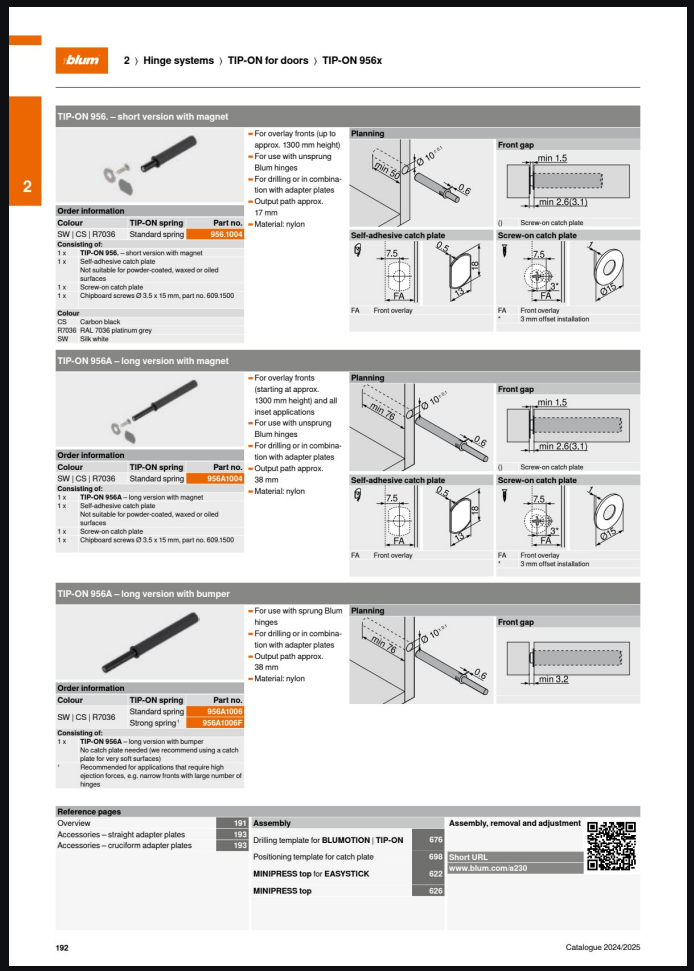
BEFORE MANUFACTURE

Match hinge spring type to the selected TIP-ON article and check opening force and front travel. Confirm edge thickness/depth, selected catch/adapter and finished front gap; adhesive catch plate is unsuitable on powder-coated, waxed or oiled surfaces.

COMPANION PARTS

Magnet versions include catch plates; choose one mounting method; Optional adapter plate - see p.193

ORIGINAL BLUM SHEET / 192



blum 2 › Hinge systems › TIP-ON for doors › TIP-ON 956x

2

TIP-ON 956. – short version with magnet

Order information

Colour	TIP-ON spring	Part no.
SW | CS | R7036	Standard spring	956.1004

Consisting of:
1 x TIP-ON 956. – short version with magnet
1 x Self-adhesive catch plate
Not suitable for powder-coated, waxed or oiled surfaces
1 x Screw-on catch plate
1 x Chipboard screws Ø 3.5 x 15 mm, part no. 609.1500

Colour
CS Carbon black
R7036 RAL 7036 platinum grey
SW Silk white

- For overlay fronts (up to approx. 1300 mm height)
- For use with unsprung Blum hinges
- For drilling or in combination with adapter plates
- Output path approx. 17 mm
- Material: nylon

Planning

Front gap

Self-adhesive catch plate

Screw-on catch plate

FA Front overlay

() Screw-on catch plate

* 3 mm offset installation

TIP-ON 956A – long version with magnet

Order information

Colour	TIP-ON spring	Part no.
SW | CS | R7036	Standard spring	956A1004

Consisting of:
1 x TIP-ON 956A – long version with magnet
1 x Self-adhesive catch plate
Not suitable for powder-coated, waxed or oiled surfaces
1 x Screw-on catch plate
1 x Chipboard screws Ø 3.5 x 15 mm, part no. 609.1500

- For overlay fronts (starting at approx. 1300 mm height) and all inset applications
- For use with unsprung Blum hinges
- For drilling or in combination with adapter plates
- Output path approx. 38 mm
- Material: nylon

TIP-ON 956A – long version with bumper

Order information

Colour	TIP-ON spring	Part no.
SW | CS | R7036	Standard spring	956A1006
	Strong spring '	956A1006F

Consisting of:
1 x TIP-ON 956A – long version with bumper
No catch plate needed (we recommend using a catch plate for very soft surfaces)
' Recommended for applications that require high ejection forces, e.g. narrow fronts with large number of hinges

- For use with sprung Blum hinges
- For drilling or in combination with adapter plates
- Output path approx. 38 mm
- Material: nylon

Reference pages

Overview	191
Accessories – straight adapter plates	193
Accessories – cruciform adapter plates	193

Assembly

Drilling template for BLUMOTION | TIP-ON	676
Positioning template for catch plate	698
MINIPRESS top for EASYSTICK	622
MINIPRESS top	626

Assembly, removal and adjustment

Short URL
www.blum.com/a230

192 Catalogue 2024/2025

Blum printed: 192, 193
Source PDF page(s): 196, 197. Full-size sheets in offline edition.

MOVENTO drawer locking device - left/right

Kitchen / Wardrobe / Media wall

APPLICATION

Front attachment and tool-free adjustment for MOVENTO wooden drawers.

COMMON DRILLING / SETTING OUT

Use drilling template T65.1000.02 for the p.413 drawer-front locking-device layout; the drawing marks 7.5 mm in that local detail.

Pair with the MOVENTO rear hook preparation and SKW = LW - 42 mm. Do not copy the TANDEM locking-device layout.

Use both handed devices and verify positive engagement before loading. Inset depth adjustment is a separate accessory.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
T51.7601	Order left and right; template-drilled underside fixing	Exact accessory; preserve matched runner/system and source datums.

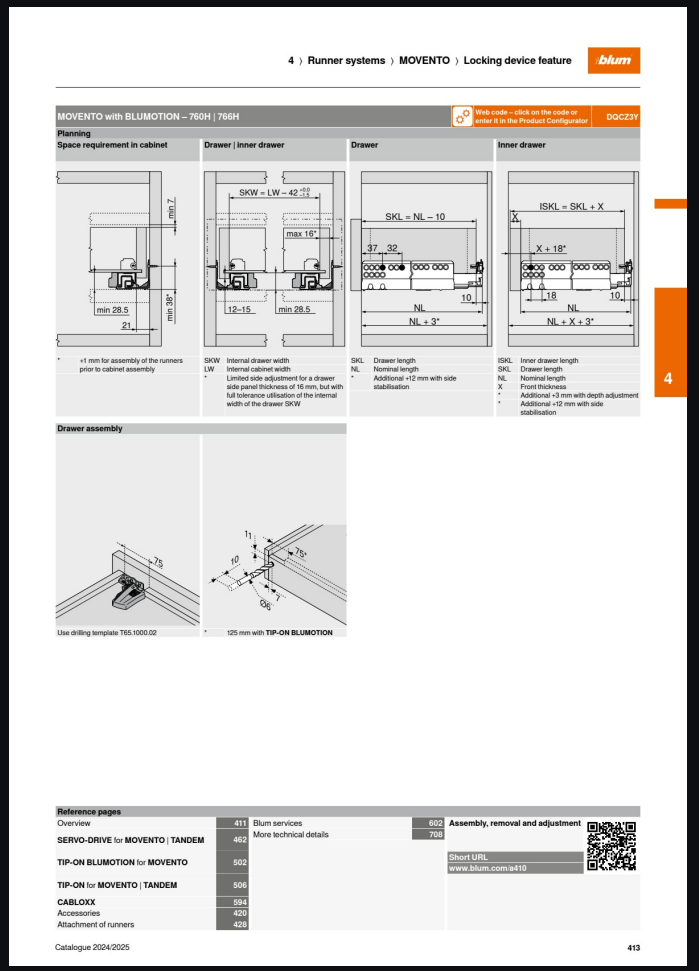
BEFORE MANUFACTURE

Check handedness, compatible runner family, material/screw penetration and reliable clip engagement.

COMPANION PARTS

760H/766H runner left AND right; Optional inset depth adjuster 298.7600

ORIGINAL BLUM SHEET / 413



Blum printed: 412, 413
Source PDF page(s): 416, 417. Full-size sheets in offline edition.

TANDEM drawer locking device - left/right

Kitchen / Wardrobe / Media wall

APPLICATION

Front attachment and height adjustment for TANDEM 560H drawers.

COMMON DRILLING / SETTING OUT

Use drilling template T65.1000.02. The p.435 locking-device detail marks 55 mm from its illustrated drawer-front reference.

Coordinate with the 560H rear hook holes and 11-16 mm drawer-side construction. Use the exact p.435 drawer-front orientation.

Do not substitute MOVENTO locking-device drilling. Confirm both sides engage.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
T51.1700.04	Order left and right; template-drilled underside fixing	Exact accessory; preserve matched runner/system and source datums.

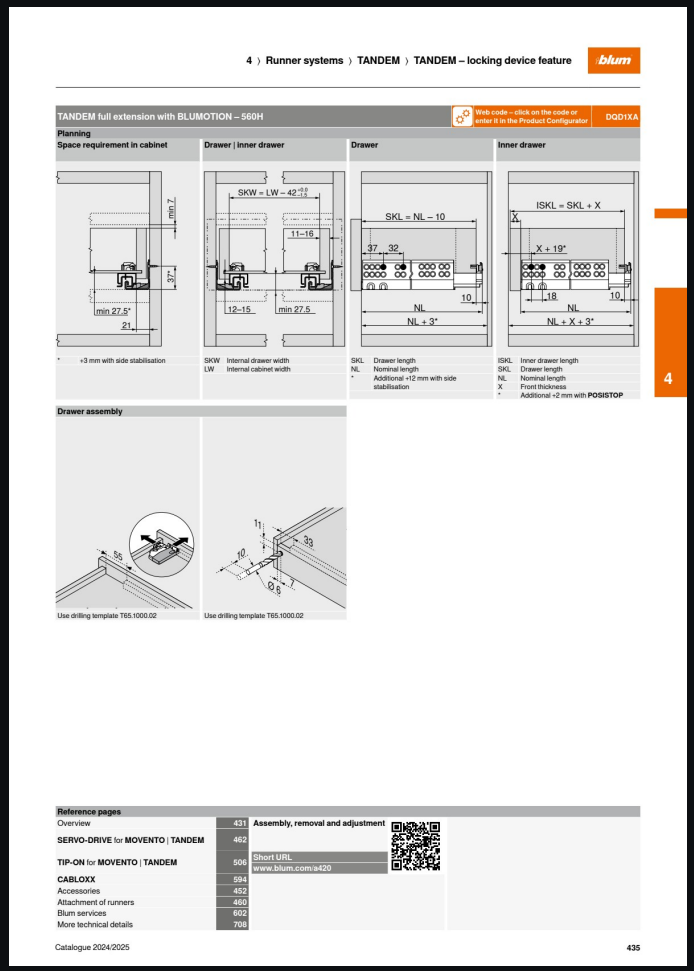
BEFORE MANUFACTURE

Check runner family, handedness, screw penetration and correct engagement before loading.

COMPANION PARTS

560H left AND right runner

ORIGINAL BLUM SHEET / 435



Blum printed: 434, 435
Source PDF page(s): 438, 439. Full-size sheets in offline edition.

MOVENTO inset depth adjustment - left/right

Kitchen / Wardrobe / Media wall

APPLICATION

Optional tool-free depth adjustment for inset MOVENTO drawers; integrated distance bumper.

COMMON DRILLING / SETTING OUT

Use with T51.7601. Start with the normal MOVENTO drilling and inset drawer construction.

P.413 inner-drawer depth note adds 3 mm for depth adjustment; also allow 12 mm if side stabilisation is selected.

The catalogue gives no separate pilot-hole schedule for this accessory: follow the assembly guide for its clip/attachment operation.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
298.7600	Fits compatible locking device	Exact accessory; preserve matched runner/system and source datums.

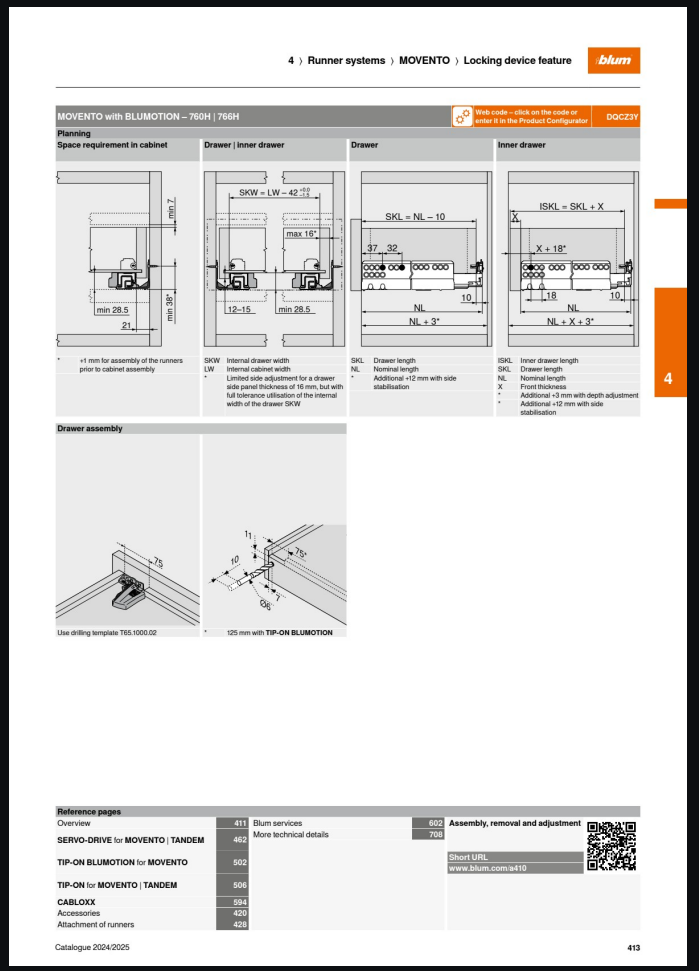
BEFORE MANUFACTURE

Check inset front thickness and resulting cabinet depth; confirm compatible locking device and clearances.

COMPANION PARTS

T51.7601 left AND right; MOVENTO runner pair

ORIGINAL BLUM SHEET / 413



Blum printed: 412, 413
Source PDF page(s): 416, 417. Full-size sheets in offline edition.

MOVENTO pull-out shelf lock set

Kitchen / Wardrobe / Media wall

APPLICATION

Two-sided shelf locking for 760H/766H; cabinet width maximum 1200 mm.

COMMON DRILLING / SETTING OUT

Shelf width TB = LW - 22 mm (+0/-1.5); base length TBL = NL - 38 mm. For inset shelf, TL = NL - 38 + X.

Synchronisation shaft cut length = LW - 87 mm (+/-1 mm). Shaft is ordered separately; fittings act as the assembly template (p.420).

Leave runner tilt adjustment at factory setting. Standard runner fixing positions apply. P.421: minimum top clearance 16 mm, or 25 mm when installed in a compartment.

Depth notes: add 12 mm for side stabilisation; inset adds 3 mm with depth adjustment or 4 mm with TIP-ON. Follow source asterisks.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
295H5700	Lock unit: chipboard screws; latch: chipboard or system screws	Exact accessory; preserve matched runner/system and source datums.

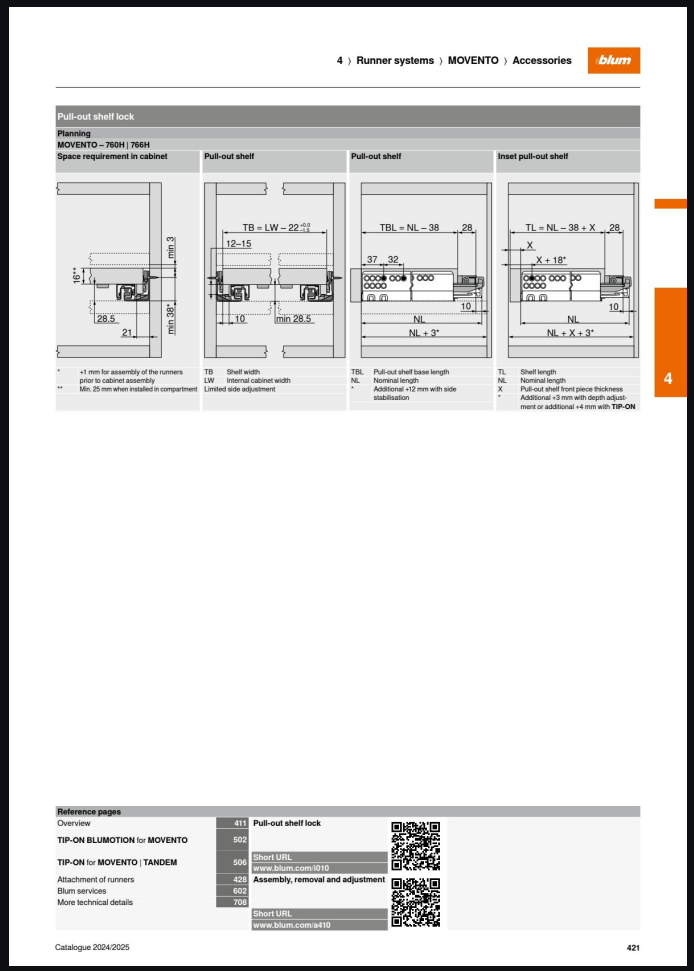
BEFORE MANUFACTURE

Not for base-fixing runners. Check cabinet width, locking engagement both sides and chosen shelf construction.

COMPANION PARTS

MOVENTO 760H/766H runner pair; ZST.1089W or ZST.1160W synchronisation shaft, cut to length

ORIGINAL BLUM SHEET / 421



Blum printed: 420, 421, 428
Source PDF page(s): 424, 425, 432. Full-size sheets in offline edition.

MOVENTO side stabilisation set - up to NL 600

Kitchen / Wardrobe / Media wall

APPLICATION

Side stabilisation recommended for wide drawers with short nominal length; set cut to size.

COMMON DRILLING / SETTING OUT

Select this set for nominal length up to 600 mm; p.412 states suitability for cabinet width 1400 mm.

P.413 drawer and inner-drawer depth notes add 12 mm with side stabilisation; retain the normal MOVENTO width and rear-hook preparation.

The p.412 order entry does not specify the linkage cut formula or all fixing holes. These remain unresolved until the exact set installation instructions are obtained; do not invent them.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
ZS7M600MU	Paired stabilisation system and cut linkage	Exact accessory; preserve matched runner/system and source datums.

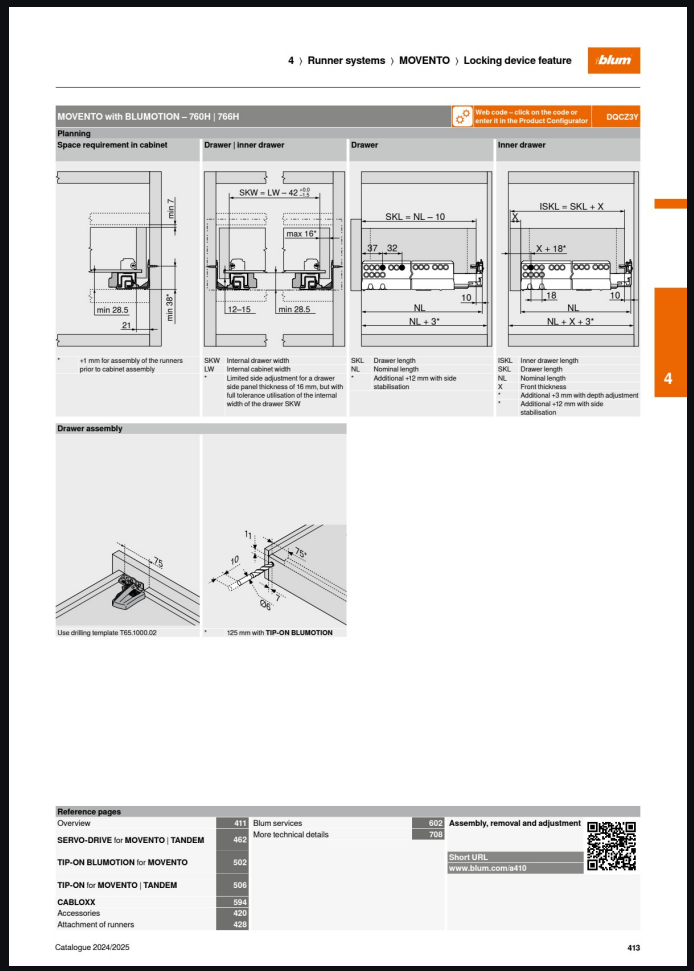
BEFORE MANUFACTURE

Obtain exact set assembly sheet before machining accessory holes or cutting linkage. Confirm nominal length, width and added depth.

COMPANION PARTS

MOVENTO 760H/766H runner pair; Set-specific installation instructions required

ORIGINAL BLUM SHEET / 413



Blum printed: 412, 413
Source PDF page(s): 416, 417. Full-size sheets in offline edition.

Minifix 15 eccentric connector

Kitchen / Wardrobe / Media wall

APPLICATION

Demountable carcass joints in board; board thicknesses and rim options grouped.

COMMON DRILLING / SETTING OUT

Housing bore Ø15. Select B=24 or 34 mm to match the bolt. A is the bore axis from the panel face; depths below are housing bores, not bolt pilots.

M100 bolts 262.27.611 / 262.28.611: direct screw into Ø5 holes, B24 / B34 respectively. Follow the bolt drawing for edge passage.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
262.26.033 / 262.26.533	16 mm, rimless bright / nickel	A8; depth 12.5 +0.5 mm
262.26.034 / 262.26.534	18 mm, rimless bright / nickel	A9; depth 13.5 +0.5 mm
262.26.035 / 262.26.535	19 mm, rimless bright / nickel	A9.5; depth 14 +0.5 mm
262.25.033 / 262.25.533	16 mm, rimmed bright / nickel	A8; depth 12.5 ±0.5 mm
262.25.035 / 262.25.535	19 mm, rimmed bright / nickel	A9.5; depth 14.5 ±0.5 mm

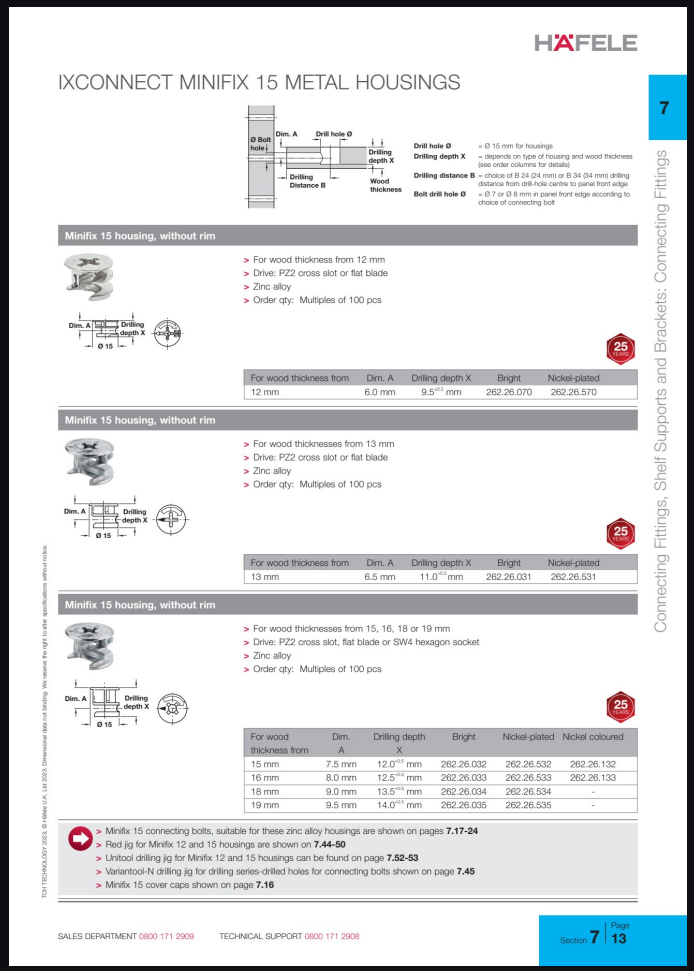
BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

COMPANION PARTS

Matching Minifix connecting bolt; do not mix B24 and B34 positions.

ORIGINAL HÄFELE SHEET / 7.13



HÄFELE

IXCONNECT MINIFIX 15 METAL HOUSINGS

7

Connecting Fittings, Shelf Supports and Brackets: Connecting Fittings

Minifix 15 housing, without rim

> For wood thickness from 12 mm
> Drive: PZ2 cross slot or flat blade
> Zinc alloy
> Order qty: Multiples of 100 pcs

For wood thickness from	Dim. A	Drilling depth X	Bright	Nickel-plated
12 mm	6.0 mm	9.5 mm	262.26.070	262.26.570

Minifix 15 housing, without rim

> For wood thicknesses from 13 mm
> Drive: PZ2 cross slot or flat blade
> Zinc alloy
> Order qty: Multiples of 100 pcs

For wood thickness from	Dim. A	Drilling depth X	Bright	Nickel-plated
13 mm	6.5 mm	11.0 mm	262.26.031	262.26.531

Minifix 15 housing, without rim

> For wood thicknesses from 15, 16, 18 or 19 mm
> Drive: PZ2 cross slot, flat blade or SW4 hexagon socket
> Zinc alloy
> Order qty: Multiples of 100 pcs

For wood thickness from	Dim. A	Drilling depth X	Bright	Nickel-plated	Nickel coloured
15 mm	7.5 mm	12.0 mm	262.26.032	262.26.532	262.26.132
16 mm	8.0 mm	12.5 mm	262.26.033	262.26.533	262.26.133
18 mm	9.0 mm	13.5 mm	262.26.034	262.26.534	-
19 mm	9.5 mm	14.0 mm	262.26.035	262.26.535	-

> Minifix 15 connecting bolts, suitable for these zinc alloy housings are shown on pages **7.17-24**
> Red jig for Minifix 12 and 15 housings are shown on **7.44-50**
> Unitool drilling jig for Minifix 12 and 15 housings can be found on page **7.52-53**
> Variantool-N drilling jig for drilling series-drilled holes for connecting bolts shown on page **7.45**
> Minifix 15 cover caps shown on page **7.16**

SALES DEPARTMENT 0800 171 2909 TECHNICAL SUPPORT 0800 171 2908

Section 7 | Page 13

Häfele printed: 7.13, 7.14, 7.17
Source PDF page(s): 27, 28, 31. Full-size sheets in offline edition.

Maxifix heavy joint connector

Kitchen / Wardrobe / Media wall

APPLICATION

Large demountable joints in thicker furniture panels.

COMMON DRILLING / SETTING OUT

Housing Ø35; bolt passage Ø9. Drawing A9.5; B35 or 55 follows selected bolt.

Housing drilling depth 15.5 mm, or half wood thickness +6.5 where specified in drawing. Use the housing/bolt combination shown.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
262.87.003	Bright, SW 6 drive	Board from 19 mm in order table; common housing pattern
262.87.713	Nickel, PZ 3 drive	Same housing pattern; select matching B35/B55 bolt

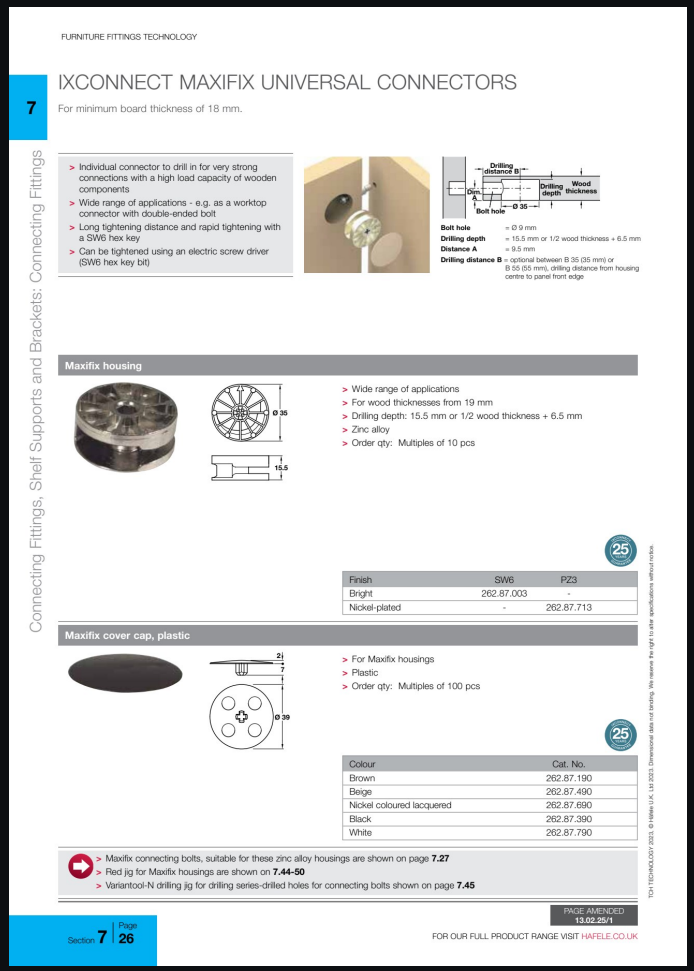
BEFORE MANUFACTURE

The heading and order table differ on minimum material thickness; use the 19 mm order-table limit and confirm the joint with Häfele.

COMPANION PARTS

Maxifix bolt selected from 7.27.

ORIGINAL HÄFELE SHEET / 7.26



FURNITURE FITTINGS TECHNOLOGY

7

Connecting Fittings, Shelf Supports and Brackets: Connecting Fittings

IXCONNECT MAXIFIX UNIVERSAL CONNECTORS

For minimum board thickness of 18 mm.

> Individual connector to drill in for very strong connections with a high load capacity of wooden components
> Wide range of applications - e.g. as a worktop connector with double-ended bolt
> Long tightening distance and rapid tightening with a SW6 hex key
> Can be tightened using an electric screw driver (SW6 hex key bit)

Drilling distance B
Dim. A
Drilling depth
Wood thickness
Ø 35
Bolt hole

Bolt hole = Ø 9 mm
Drilling depth = 15.5 mm or 1/2 wood thickness + 6.5 mm
Distance A = 9.5 mm
Drilling distance B = optional between B 35 (35 mm) or B 55 (55 mm), drilling distance from housing centre to panel front edge

Maxifix housing

Ø 35
15.5

> Wide range of applications
> For wood thicknesses from 19 mm
> Drilling depth: 15.5 mm or 1/2 wood thickness + 6.5 mm
> Zinc alloy
> Order qty: Multiples of 10 pcs

25

Finish	SW6	PZ3
Bright	262.87.003	-
Nickel-plated	-	262.87.713

Maxifix cover cap, plastic

2
7
Ø 39

> For Maxifix housings
> Plastic
> Order qty: Multiples of 100 pcs

25

Colour	Cat. No.
Brown	262.87.190
Beige	262.87.490
Nickel coloured lacquered	262.87.690
Black	262.87.390
White	262.87.790

> Maxifix connecting bolts, suitable for these zinc alloy housings are shown on page **7.27**
> Red jig for Maxifix housings are shown on **7.44-50**
> Variantool-N drilling jig for drilling series-drilled holes for connecting bolts shown on page **7.45**

PAGE AMENDED 13.02.25/1

Section 7 | Page 26

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 7.26, 7.27
Source PDF page(s): 40, 41. Full-size sheets in offline edition.

Rafix 20 shelf and carcass connector

Kitchen / Wardrobe / Media wall

APPLICATION

Removable shelves and carcass joints with visible underside cam access.

COMMON DRILLING / SETTING OUT

Housing Ø20; centre 9.5 mm from shelf edge. Ridge version installs from above; without ridge also permits end-on assembly.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
263.11.703 / 263.15.703	16 mm; without / with ridge	A8; housing depth 12.7 +0.2 mm
263.11.705 / 263.15.705	19 mm; without / with ridge	A9.5; housing depth 14.2 +0.2 mm

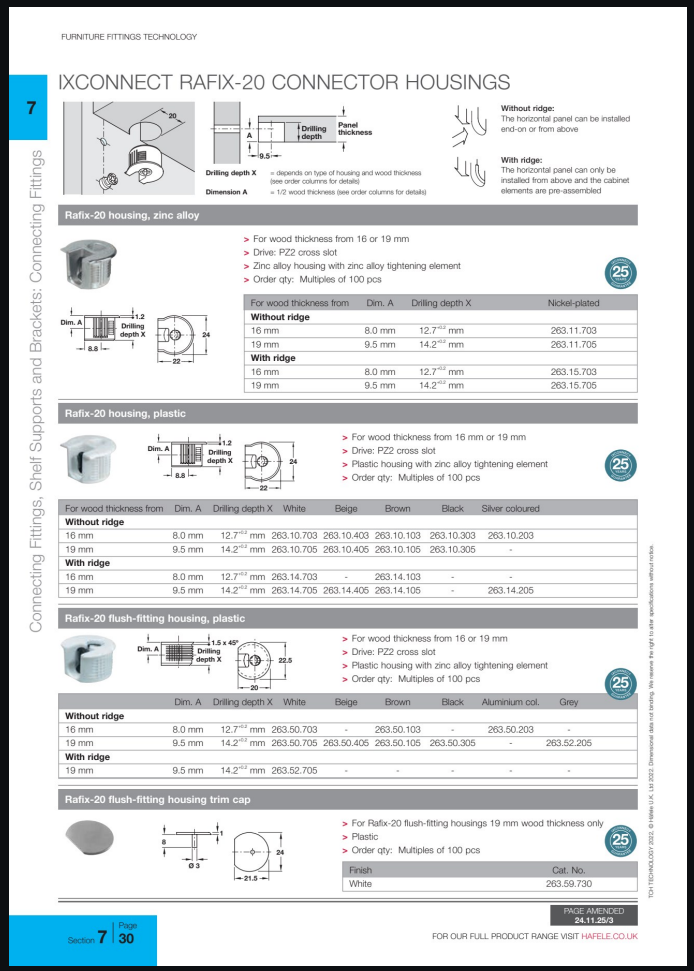
BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

COMPANION PARTS

Compatible Rafix bolt from source; choose bolt fixing for substrate.

ORIGINAL HÄFELE SHEET / 7.30



FURNITURE FITTINGS TECHNOLOGY

7

Connecting Fittings, Shelf Supports and Brackets: Connecting Fittings

IXCONNECT RAFIX-20 CONNECTOR HOUSINGS

Without ridge: The horizontal panel can be installed end-on or from above

With ridge: The horizontal panel can only be installed from above and the cabinet elements are pre-assembled

Drilling depth X = depends on type of housing and wood thickness (see order columns for details)

Dimension A = 1/2 wood thickness (see order columns for details)

Rafix-20 housing, zinc alloy

> For wood thickness from 16 or 19 mm
> Drive: PZ2 cross slot
> Zinc alloy housing with zinc alloy tightening element
> Order qty: Multiples of 100 pcs

For wood thickness from	Dim. A	Drilling depth X	Nickel-plated
Without ridge			
16 mm	8.0 mm	12.7 +0.2 mm	263.11.703
19 mm	9.5 mm	14.2 +0.2 mm	263.11.705
With ridge			
16 mm	8.0 mm	12.7 +0.2 mm	263.15.703
19 mm	9.5 mm	14.2 +0.2 mm	263.15.705

Rafix-20 housing, plastic

> For wood thickness from 16 mm or 19 mm
> Drive: PZ2 cross slot
> Plastic housing with zinc alloy tightening element
> Order qty: Multiples of 100 pcs

For wood thickness from	Dim. A	Drilling depth X	White	Beige	Brown	Black	Silver coloured
Without ridge							
16 mm	8.0 mm	12.7 +0.2 mm	263.10.703	263.10.403	263.10.103	263.10.303	263.10.203
19 mm	9.5 mm	14.2 +0.2 mm	263.10.705	263.10.405	263.10.105	263.10.305	-
With ridge							
16 mm	8.0 mm	12.7 +0.2 mm	263.14.703	-	263.14.103	-	-
19 mm	9.5 mm	14.2 +0.2 mm	263.14.705	263.14.405	263.14.105	-	263.14.205

Rafix-20 flush-fitting housing, plastic

> For wood thickness from 16 or 19 mm
> Drive: PZ2 cross slot
> Plastic housing with zinc alloy tightening element
> Order qty: Multiples of 100 pcs

	Dim. A	Drilling depth X	White	Beige	Brown	Black	Aluminium col.	Grey
Without ridge								
16 mm	8.0 mm	12.7 +0.2 mm	263.50.703	-	263.50.103	-	263.50.203	-
19 mm	9.5 mm	14.2 +0.2 mm	263.50.705	263.50.405	263.50.105	263.50.305	-	263.52.205
With ridge								
19 mm	9.5 mm	14.2 +0.2 mm	263.52.705	-	-	-	-	-

Rafix-20 flush-fitting housing trim cap

> For Rafix-20 flush-fitting housings 19 mm wood thickness only
> Plastic
> Order qty: Multiples of 100 pcs

Finish	Cat. No.
White	263.59.730

PAGE AMENDED 24.11.25/3

Section 7 | Page 30

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

TCH TECHNOLOGY 2022. © Häfele U.K. Ltd 2022. Dimensional data not binding. We reserve the right to alter specifications without notice.

Häfele printed: 7.30, 7.34
Source PDF page(s): 44, 48. Full-size sheets in offline edition.

TAB 18 locking shelf connector

Kitchen / Wardrobe / Media wall

APPLICATION

Locking removable shelves; prevents accidental tipping and lifting.

COMMON DRILLING / SETTING OUT

Housing Ø18. Put support pins on matching shelf level; use the locking connector detail, not a plain shelf-pin assumption.

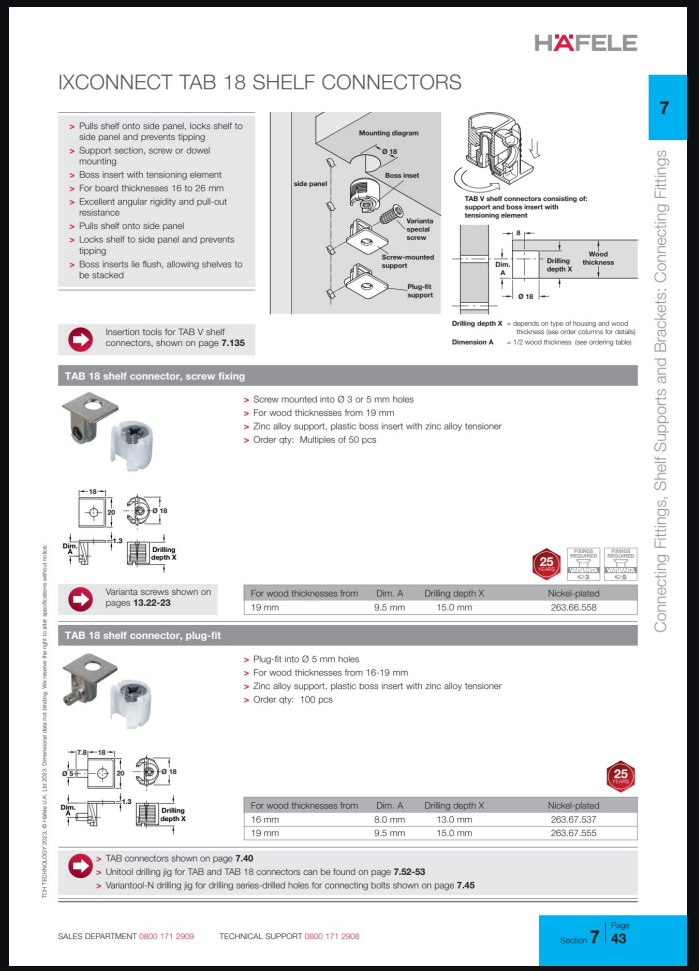
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
263.67.537	16 mm shelf, plug fixing	A8; housing depth 13; support pinØ5
263.67.555	19 mm shelf, plug fixing	A9.5; housing depth 15; support pinØ5
263.66.558	19 mm shelf, screw fixing	Use source screw-fixing Ø3/Ø5 detail; housing depth 15

BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

ORIGINAL HÄFELE SHEET / 7.43



HÄFELE

IXCONNECT TAB 18 SHELF CONNECTORS

7

Connecting Fittings, Shelf Supports and Brackets: Connecting Fittings

> Pulls shelf onto side panel, locks shelf to side panel and prevents tipping
> Support section, screw or dowel mounting
> Boss insert with tensioning element
> For board thicknesses 16 to 26 mm
> Excellent angular rigidity and pull-out resistance
> Pulls shelf onto side panel
> Locks shelf to side panel and prevents tipping
> Boss inserts lie flush, allowing shelves to be stacked

Mounting diagram
Ø 18
Boss inset
side panel
Varianta special screw
Screw-mounted support
Plug-fit support

TAB V shelf connectors consisting of: support and boss insert with tensioning element

Dim. A
Drilling depth X
Wood thickness
Ø 18

Drilling depth X = depends on type of housing and wood thickness (see order columns for details)
Dimension A = 1/2 wood thickness (see ordering table)

Insertion tools for TAB V shelf connectors, shown on page **7.135**

TAB 18 shelf connector, screw fixing

> Screw mounted into Ø 3 or 5 mm holes
> For wood thicknesses from 19 mm
> Zinc alloy support, plastic boss insert with zinc alloy tensioner
> Order qty: Multiples of 50 pcs

For wood thicknesses from	Dim. A	Drilling depth X	Nickel-plated
19 mm	9.5 mm	15.0 mm	263.66.558

Varianta screws shown on pages **13.22-23**

TAB 18 shelf connector, plug-fit

> Plug-fit into Ø 5 mm holes
> For wood thicknesses from 16-19 mm
> Zinc alloy support, plastic boss insert with zinc alloy tensioner
> Order qty: 100 pcs

For wood thicknesses from	Dim. A	Drilling depth X	Nickel-plated
16 mm	8.0 mm	13.0 mm	263.67.537
19 mm	9.5 mm	15.0 mm	263.67.555

> TAB connectors shown on page **7.40**
> Unitool drilling jig for TAB and TAB 18 connectors can be found on page **7.52-53**
> Variantool-N drilling jig for drilling series-drilled holes for connecting bolts shown on page **7.45**

SALES DEPARTMENT 0800 171 2909 TECHNICAL SUPPORT 0800 171 2908

Section 7 | Page 43

Häfele printed: 7.43
Source PDF page(s): 57. Full-size sheets in offline edition.

Onefix one-piece connector

Kitchen / Wardrobe / Media wall

APPLICATION

One-piece demountable carcass joint with pre-mounted bolt.

COMMON DRILLING / SETTING OUT

Housing Ø20; depth 12.08 ±0.5 mm; A7.5; edge-to-centre 9.5 mm. Board thickness at least 15 mm.

Use the source assembly orientation and tighten with PZ 2.

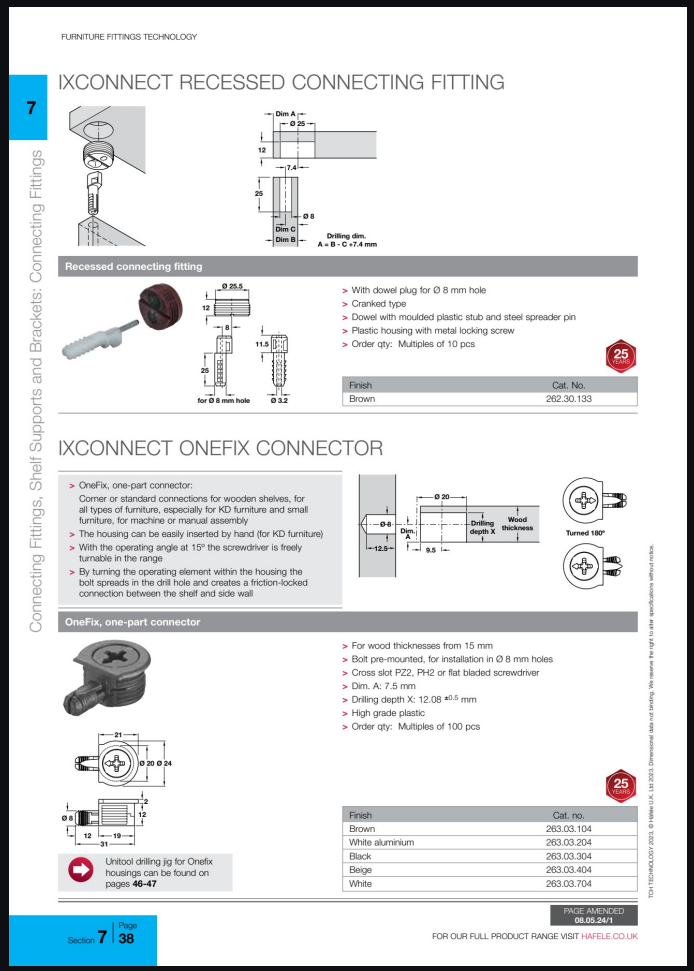
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
263.03.104 / 263.03.204	Brown / aluminium coloured	Common Ø20 housing geometry
263.03.304 / 263.03.404 / 263.03.704	Black / beige / white	Common geometry; pre-mounted Ø8 bolt

BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

ORIGINAL HÄFELE SHEET / 7.38


FURNITURE FITTINGS TECHNOLOGY

7

Connecting Fittings, Shelf Supports and Brackets: Connecting Fittings

IXCONNECT RECESSED CONNECTING FITTING

Recessed connecting fitting

> With dowel plug for Ø 8 mm hole
> Cranked type
> Dowel with moulded plastic stub and steel spreader pin
> Plastic housing with metal locking screw
> Order qty: Multiples of 10 pcs

Finish	Cat. No.
Brown	262.30.133

IXCONNECT ONEFIX CONNECTOR

> OneFix, one-part connector:
Corner or standard connections for wooden shelves, for all types of furniture, especially for KD furniture and small furniture, for machine or manual assembly
> The housing can be easily inserted by hand (for KD furniture)
> With the operating angle at 15° the screwdriver is freely turnable in the range
> By turning the operating element within the housing the bolt spreads in the drill hole and creates a friction-locked connection between the shelf and side wall

OneFix, one-part connector

> For wood thicknesses from 15 mm
> Bolt pre-mounted, for installation in Ø 8 mm holes
> Cross slot PZ2, PH2 or flat bladed screwdriver
> Dim. A: 7.5 mm
> Drilling depth X: 12.08 ±0.5 mm
> High grade plastic
> Order qty: Multiples of 100 pcs

Finish	Cat. no.
Brown	263.03.104
White aluminium	263.03.204
Black	263.03.304
Beige	263.03.404
White	263.03.704

Unitool drilling jig for Onefix housings can be found on pages 46-47

PAGE AMENDED 08.05.24/1

Section 7 | Page 38

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 7.38
Source PDF page(s): 52. Full-size sheets in offline edition.

Tofix top-panel connector

Kitchen / Wardrobe / Media wall

APPLICATION

Demountable top panel fixing for 18-26 mm material.

COMMON DRILLING / SETTING OUT

Housing Ø25, maximum depth 12 mm. Source formula A=B-C+7.5 with C9; transfer the actual edge datum from drawing.

Companion bolt requires Ø5 hole, minimum 26 mm depth.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
261.95.704 / 261.95.104	White / brown housing	Same housing bore; choose actual board thickness
261.95.010	Companion bolt	Ø5 pilot, minimum 26 deep

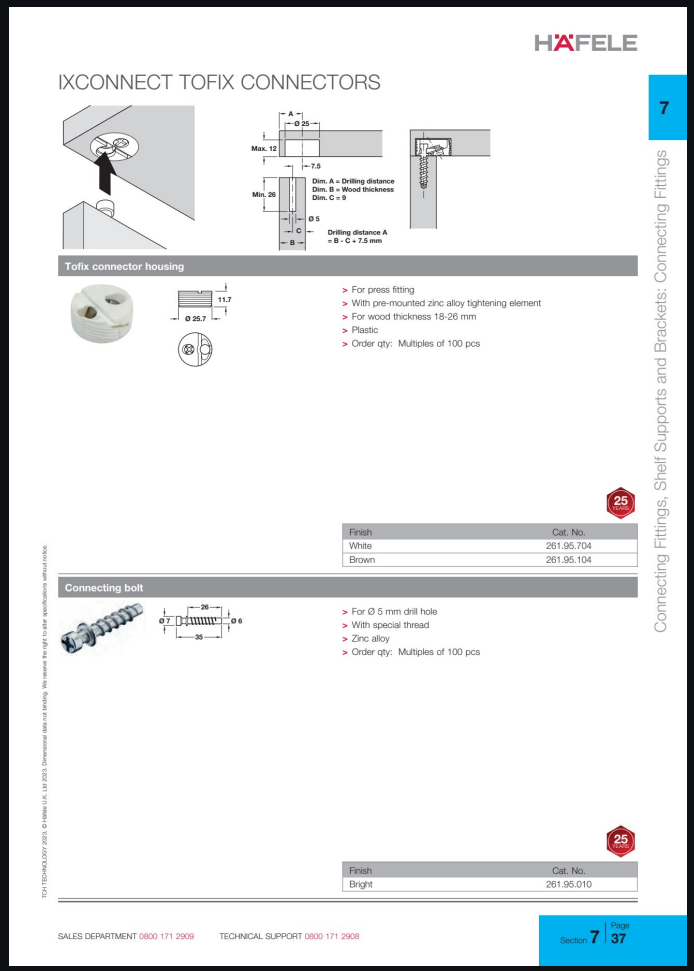
BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

COMPANION PARTS

Housing and companion bolt form one joint.

ORIGINAL HÄFELE SHEET / 7.37


HÄFELE

IXCONNECT TOFIX CONNECTORS

7

Connecting Fittings, Shelf Supports and Brackets: Connecting Fittings

Tofix connector housing

> For press fitting
> With pre-mounted zinc alloy tightening element
> For wood thickness 18-26 mm
> Plastic
> Order qty: Multiples of 100 pcs

Finish	Cat. No.
White	261.95.704
Brown	261.95.104

Connecting bolt

> For Ø 5 mm drill hole
> With special thread
> Zinc alloy
> Order qty: Multiples of 100 pcs

Finish	Cat. No.
Bright	261.95.010

SALES DEPARTMENT 0800 171 2909 TECHNICAL SUPPORT 0800 171 2908

Section 7 | Page 37

Häfele printed: 7.37
Source PDF page(s): 51. Full-size sheets in offline edition.

RV clip top-panel connector

Kitchen / Wardrobe / Media wall

APPLICATION

Hidden snap-in attachment of furniture top panels.

COMMON DRILLING / SETTING OUT

Position X=wood thickness+6.5 mm. Internal connector compensation±1.5 mm.

Use the source two-part screw layout; Ø4/Ø3.5 labels are required screw sizes, not universal pilot drill sizes.

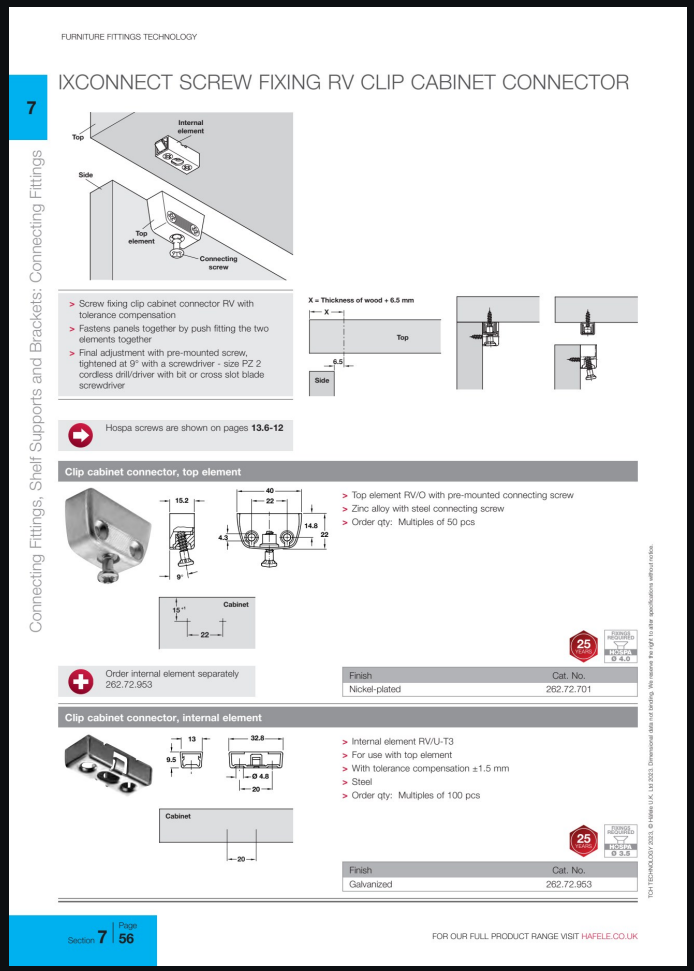
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
262.72.701 / 262.72.953	Top part plus internal part	Both parts required; use matched source fixing positions

BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

ORIGINAL HÄFELE SHEET / 7.56



FURNITURE FITTINGS TECHNOLOGY

7

Connecting Fittings, Shelf Supports and Brackets: Connecting Fittings

IXCONNECT SCREW FIXING RV CLIP CABINET CONNECTOR

Top
Side
Internal element
Top element
Connecting screw

> Screw fixing clip cabinet connector RV with tolerance compensation
> Fastens panels together by push fitting the two elements together
> Final adjustment with pre-mounted screw, tightened at 9° with a screwdriver - size PZ 2 cordless drill/driver with bit or cross slot blade screwdriver

X = Thickness of wood + 6.5 mm

Hospa screws are shown on pages **13.6-12**

Clip cabinet connector, top element

> Top element RV/O with pre-mounted connecting screw
> Zinc alloy with steel connecting screw
> Order qty: Multiples of 50 pcs

Order internal element separately 262.72.953

Finish	Cat. No.
Nickel-plated	262.72.701

Clip cabinet connector, internal element

> Internal element RV/U-T3
> For use with top element
> With tolerance compensation ±1.5 mm
> Steel
> Order qty: Multiples of 100 pcs

Finish	Cat. No.
Galvanized	262.72.953

Section 7 | Page 56

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 7.56
Source PDF page(s): 70. Full-size sheets in offline edition.

Cabineo CNC connector

Kitchen / Wardrobe / Media wall

APPLICATION

CNC-machined carcass joints without conventional edge drilling for the housing.

COMMON DRILLING / SETTING OUT

Cabineo housing pocket is surface-machined; mating screw hole Ø5. Use the manufacturer CNC pocket profile, not a simple round bore.

Minimum single panel 12 mm; centre-panel limits differ below. Exact pocket toolpath must come from installation data.

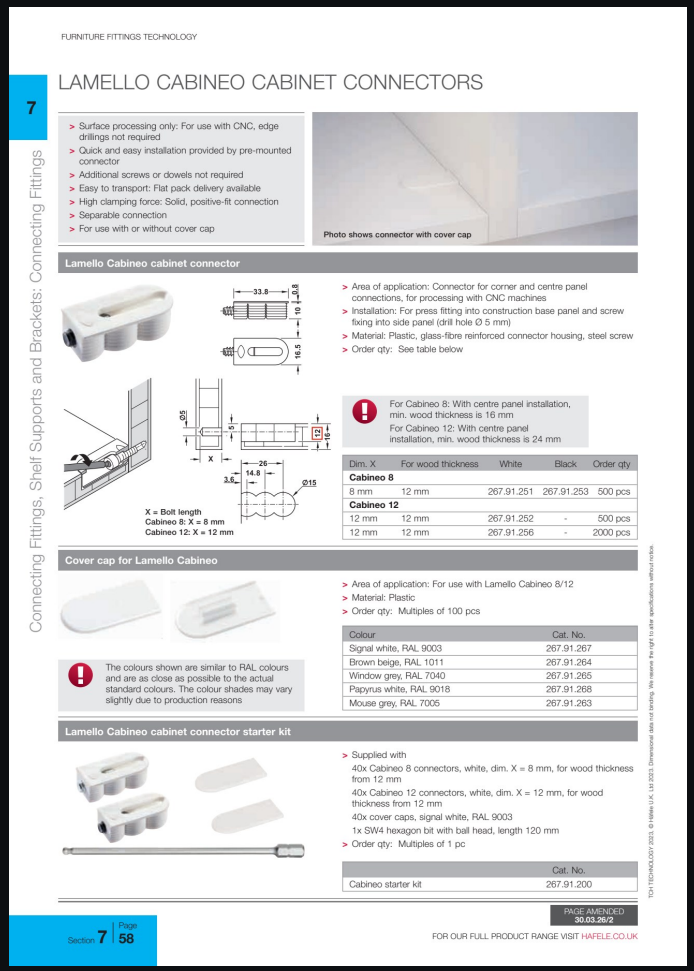
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
267.91.251 / 267.91.253	Cabineo 8 white / black	8 mm screw; centre panel min 16 mm
267.91.252 / 267.91.256	Cabineo 12 white / black	12 mm screw; centre panel min 24 mm

BEFORE MANUFACTURE

Obtain correct Cabineo 8/12 machining file and verify screw engagement; source page is not a complete CNC toolpath.

ORIGINAL HÄFELE SHEET / 7.58



FURNITURE FITTINGS TECHNOLOGY

7

Connecting Fittings, Shelf Supports and Brackets: Connecting Fittings

LAMELLO CABINEO CABINET CONNECTORS

> Surface processing only: For use with CNC, edge drillings not required
> Quick and easy installation provided by pre-mounted connector
> Additional screws or dowels not required
> Easy to transport: Flat pack delivery available
> High clamping force: Solid, positive-fit connection
> Separable connection
> For use with or without cover cap

Photo shows connector with cover cap

Lamello Cabineo cabinet connector

> Area of application: Connector for corner and centre panel connections, for processing with CNC machines
> Installation: For press fitting into construction base panel and screw fixing into side panel (drill hole Ø 5 mm)
> Material: Plastic, glass-fibre reinforced connector housing, steel screw
> Order qty: See table below

For Cabineo 8: With centre panel installation, min. wood thickness is 16 mm
For Cabineo 12: With centre panel installation, min. wood thickness is 24 mm

X = Bolt length
Cabineo 8: X = 8 mm
Cabineo 12: X = 12 mm

Dim. X	For wood thickness	White	Black	Order qty
Cabineo 8				
8 mm	12 mm	267.91.251	267.91.253	500 pcs
Cabineo 12				
12 mm	12 mm	267.91.252	-	500 pcs
12 mm	12 mm	267.91.256	-	2000 pcs

Cover cap for Lamello Cabineo

> Area of application: For use with Lamello Cabineo 8/12
> Material: Plastic
> Order qty: Multiples of 100 pcs

The colours shown are similar to RAL colours and are as close as possible to the actual standard colours. The colour shades may vary slightly due to production reasons

Colour	Cat. No.
Signal white, RAL 9003	267.91.267
Brown beige, RAL 1011	267.91.264
Window grey, RAL 7040	267.91.265
Papyrus white, RAL 9018	267.91.268
Mouse grey, RAL 7005	267.91.263

Lamello Cabineo cabinet connector starter kit

> Supplied with
40x Cabineo 8 connectors, white, dim. X = 8 mm, for wood thickness from 12 mm
40x Cabineo 12 connectors, white, dim. X = 12 mm, for wood thickness from 12 mm
40x cover caps, signal white, RAL 9003
1x SW4 hexagon bit with ball head, length 120 mm
> Order qty: Multiples of 1 pc

	Cat. No.
Cabineo starter kit	267.91.200

PAGE AMENDED 30.03.26/2

Section 7 | Page 58

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 7.58
Source PDF page(s): 72. Full-size sheets in offline edition.

SC 8/25 concealed permanent connector

Kitchen / Wardrobe / Media wall

APPLICATION

Concealed permanent joints where a removable cam is undesirable.

COMMON DRILLING / SETTING OUT

Use Ø8 blind holes in both parts; board thickness at least 15 mm. Transfer the source drilling-depth detail.

This joint is permanent; use a trial assembly and the recommended 6×30 wood dowel for alignment.

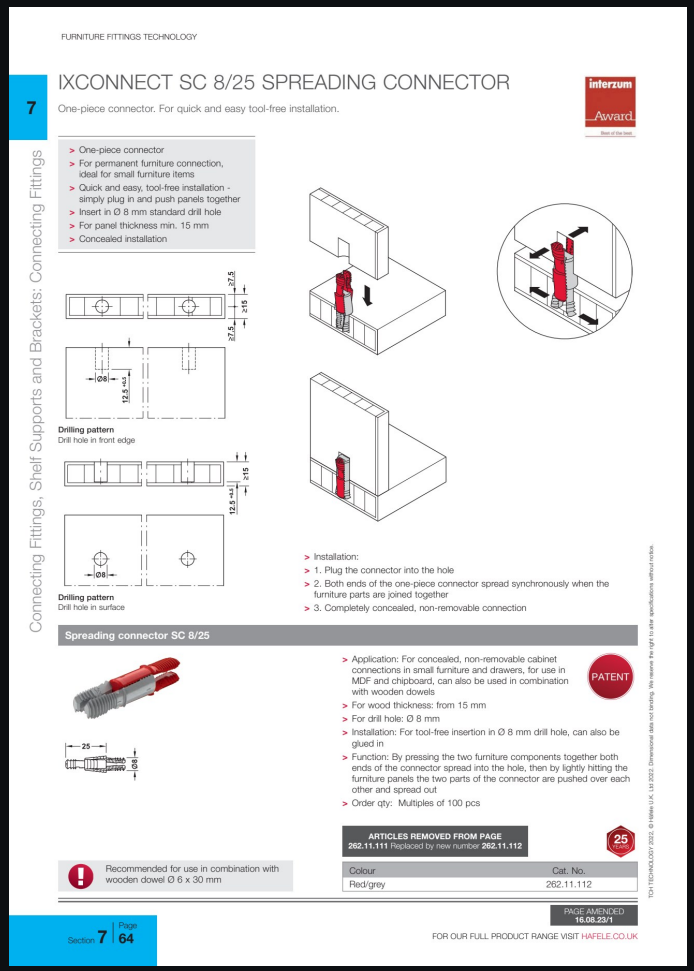
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
262.11.112	Red/grey connector; revised article	Ø8 blind-hole layout; replaces 262.11.111

BEFORE MANUFACTURE

Confirm hole depths from the drawing and material thickness. Do not trial assemble the final visible panels: joint is not removable.

ORIGINAL HÄFELE SHEET / 7.64



FURNITURE FITTINGS TECHNOLOGY

7

IXCONNECT SC 8/25 SPREADING CONNECTOR

One-piece connector. For quick and easy tool-free installation.

interzum Award

Connecting Fittings, Shelf Supports and Brackets: Connecting Fittings

> One-piece connector
> For permanent furniture connection, ideal for small furniture items
> Quick and easy, tool-free installation - simply plug in and push panels together
> Insert in Ø 8 mm standard drill hole
> For panel thickness min. 15 mm
> Concealed installation

Drilling pattern
Drill hole in front edge

Drilling pattern
Drill hole in surface

> Installation:
> 1. Plug the connector into the hole
> 2. Both ends of the one-piece connector spread synchronously when the furniture parts are joined together
> 3. Completely concealed, non-removable connection

Spreading connector SC 8/25

> Application: For concealed, non-removable cabinet connections in small furniture and drawers, for use in MDF and chipboard, can also be used in combination with wooden dowels
> For wood thickness: from 15 mm
> For drill hole: Ø 8 mm
> Installation: For tool-free insertion in Ø 8 mm drill hole, can also be glued in
> Function: By pressing the two furniture components together both ends of the connector spread into the hole, then by lightly hitting the furniture panels the two parts of the connector are pushed over each other and spread out
> Order qty: Multiples of 100 pcs

PATENT

Recommended for use in combination with wooden dowel Ø 6 x 30 mm

ARTICLES REMOVED FROM PAGE
262.11.111 Replaced by new number 262.11.112

Colour	Cat. No.
Red/grey	262.11.112

25 YEARS

PAGE AMENDED 16.08.23/1

Section 7 | Page 64

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 7.64
Source PDF page(s): 82. Full-size sheets in offline edition.

Button-fix Type 1 panel fixing

Kitchen / Wardrobe / Media wall

APPLICATION

Removable access, scribed and decorative panels; surface, flush and bonded options grouped.

COMMON DRILLING / SETTING OUT

Allow 15 mm slide/lift travel for removal. Standard surface gap 8 mm or rebated gap 3 mm.

Select the matching screw/button type; bonded version needs a validated adhesive process.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
262.94.000	Type 1 standard fixing	Rebate option 24×40×6 mm; follow source orientation
262.94.014	Type 1 flush	Rebate 22×56×8; face panel≥18, edge panel≥28 mm
262.94.012	Type 1 bonded	Bonded fixing; prepare surface and adhesive to supplier instructions
262.94.030 / 262.94.031	Buttons, csk wood screw / Euro screw	Match screw head and button; do not substitute

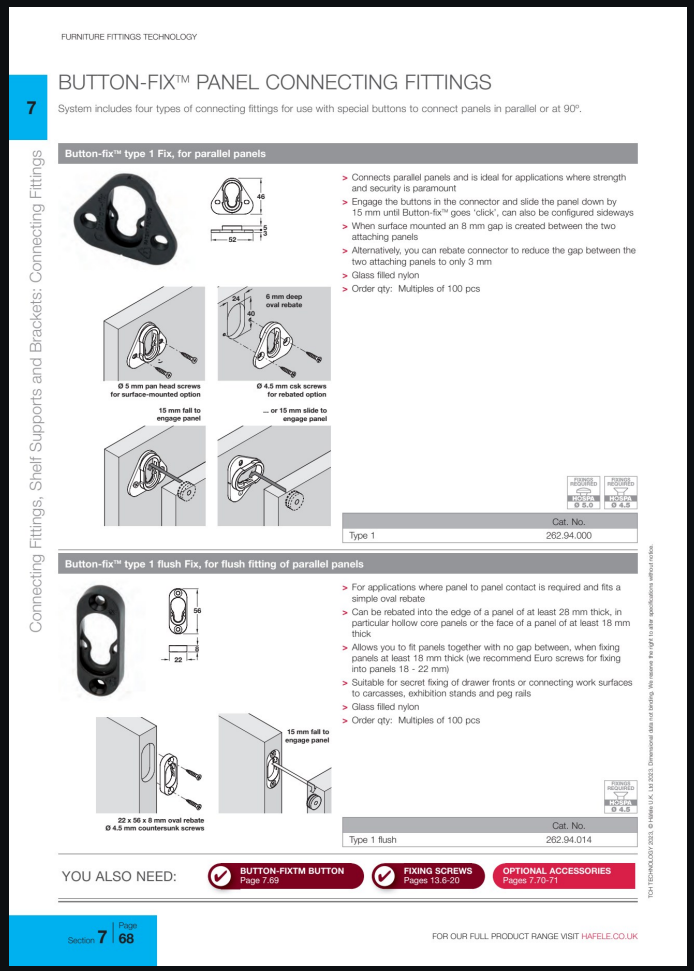
BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

COMPANION PARTS

Buttons and suitable screws/adhesive; sets also shown 7.70.

ORIGINAL HÄFELE SHEET / 7.68



FURNITURE FITTINGS TECHNOLOGY

7

Connecting Fittings, Shelf Supports and Brackets: Connecting Fittings

BUTTON-FIX™ PANEL CONNECTING FITTINGS

System includes four types of connecting fittings for use with special buttons to connect panels in parallel or at 90°.

Button-fix™ type 1 Fix, for parallel panels

- Connects parallel panels and is ideal for applications where strength and security is paramount
- Engage the buttons in the connector and slide the panel down by 15 mm until Button-fix™ goes 'click', can also be configured sideways
- When surface mounted an 8 mm gap is created between the two attaching panels
- Alternatively, you can rebate connector to reduce the gap between the two attaching panels to only 3 mm
- Glass filled nylon
- Order qty: Multiples of 100 pcs

Ø 5 mm pan head screws for surface-mounted option

6 mm deep oval rebate

Ø 4.5 mm csk screws for rebated option

15 mm fall to engage panel

... or 15 mm slide to engage panel

	Cat. No.
Type 1	262.94.000

Button-fix™ type 1 flush Fix, for flush fitting of parallel panels

- For applications where panel to panel contact is required and fits a simple oval rebate
- Can be rebated into the edge of a panel of at least 28 mm thick, in particular hollow core panels or the face of a panel of at least 18 mm thick
- Allows you to fit panels together with no gap between, when fixing panels at least 18 mm thick (we recommend Euro screws for fixing into panels 18 - 22 mm)
- Suitable for secret fixing of drawer fronts or connecting work surfaces to carcasses, exhibition stands and peg rails
- Glass filled nylon
- Order qty: Multiples of 100 pcs

22 x 56 x 8 mm oval rebate Ø 4.5 mm countersunk screws

15 mm fall to engage panel

	Cat. No.
Type 1 flush	262.94.014

YOU ALSO NEED: BUTTON-FIXTM BUTTON Page 7.69 | FIXING SCREWS Pages 13.6-20 | OPTIONAL ACCESSORIES Pages 7.70-71

Section 7 | Page 68

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 7.68, 7.69, 7.70
Source PDF page(s): 86, 87, 88. Full-size sheets in offline edition.

Button-fix Type 2 right-angle fixing

Kitchen / Wardrobe / Media wall

APPLICATION

Removable panels meeting at 90°, including access panels with push-in engagement.

COMMON DRILLING / SETTING OUT

Use the Type 2 drawing for right-angle engagement and release access. It does not use the Type 1 flush pocket.

Source fixing body 50×21 mm; transfer screw centres from the full drawing.

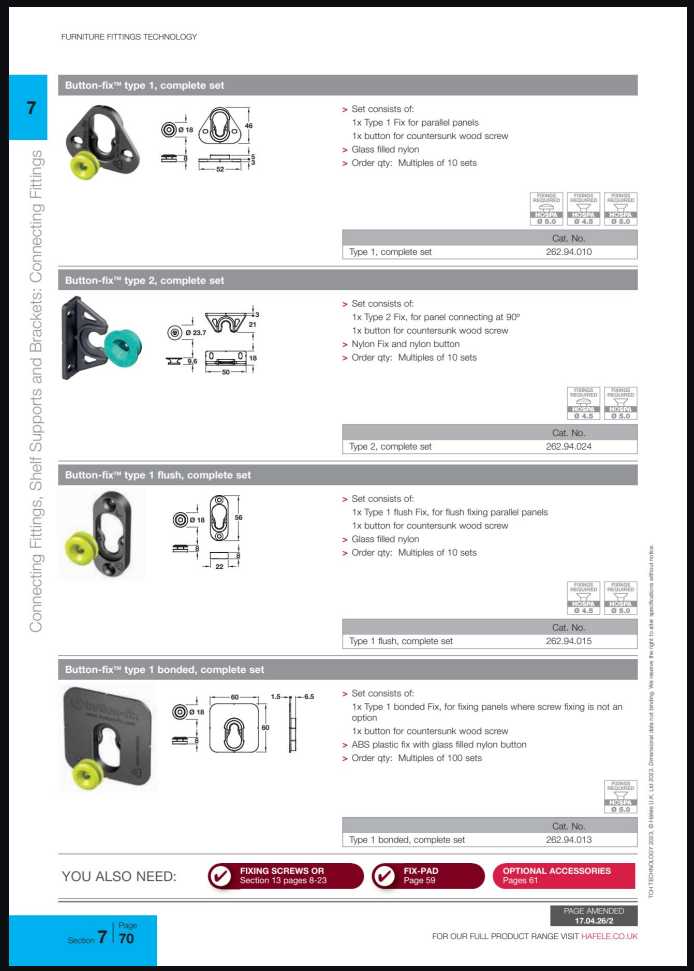
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
262.94.024	Type 2 complete set	Right-angle installation; screw layout per 7.70

BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

ORIGINAL HÄFELE SHEET / 7.70


FURNITURE FITTINGS TECHNOLOGY

7

Connecting Fittings, Shelf Supports and Brackets: Connecting Fittings

Button-fix™ type 1, complete set

> Set consists of:
1x Type 1 Fix for parallel panels
1x button for countersunk wood screw
> Glass filled nylon
> Order qty: Multiples of 10 sets

Cat. No.	
Type 1, complete set	262.94.010

Button-fix™ type 2, complete set

> Set consists of:
1x Type 2 Fix, for panel connecting at 90°
1x button for countersunk wood screw
> Nylon Fix and nylon button
> Order qty: Multiples of 10 sets

Cat. No.	
Type 2, complete set	262.94.024

Button-fix™ type 1 flush, complete set

> Set consists of:
1x Type 1 flush Fix, for flush fixing parallel panels
1x button for countersunk wood screw
> Glass filled nylon
> Order qty: Multiples of 10 sets

Cat. No.	
Type 1 flush, complete set	262.94.015

Button-fix™ type 1 bonded, complete set

> Set consists of:
1x Type 1 bonded Fix, for fixing panels where screw fixing is not an option
1x button for countersunk wood screw
> ABS plastic fix with glass filled nylon button
> Order qty: Multiples of 100 sets

Cat. No.	
Type 1 bonded, complete set	262.94.013

YOU ALSO NEED: FIXING SCREWS OR Section 13 pages 8-23 | FIX-PAD Page 59 | OPTIONAL ACCESSORIES Pages 61

PAGE AMENDED 17.04.26/2

Section 7 | Page 70

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 7.70
Source PDF page(s): 88. Full-size sheets in offline edition.

Space-Plug cabinet spacer

Kitchen / Wardrobe / Media wall

APPLICATION

Adjustable spacer between carcass cross brace and wall fixing.

COMMON DRILLING / SETTING OUT

Set spacer to the actual wall gap; drill through cross brace/spacer into wall using the fixing system required by the substrate.

Choose wall anchor and screw length after measuring gap and wall construction.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
261.90.930	Regular	Adjustment gap 30-50 mm
261.90.931	XL	Adjustment gap 45-80 mm

BEFORE MANUFACTURE

Check for concealed services and adequate wall anchorage; spacer is not a wall anchor.

ORIGINAL HÄFELE SHEET / 7.67



HÄFELE

SPACE-PLUGS

A simple method to secure units to the wall. Bridges any reasonable gap.

7

> Regular: for 30-50 mm gaps
> Extra large: for 45-80 mm gaps
> Quick, simple and accurate. Only one screw and fitting normally required
> Fewer fixing points required
> Flexible positioning using the entire cross brace, avoiding bad plaster, cables and pipes or line up with wall studs
> Enables a good fit even on uneven walls
> Suitable for most fitted furniture
> Accessible after install
> Eliminates the need for L brackets

Drill a pilot hole (same size as your masonry bit) through the cross brace, then, with your 200 mm drill bit, drill directly into the wall behind and inset your wall plug

Pass a screw through the cross brace, through the Space-Plug and locate it into the still visible wall plug

Wind the Space-Plug until it firmly contacts both surfaces

Tighten the screw

Connecting Fittings, Shelf Supports and Brackets: Connecting Fittings

Space-Plugs

Regular

Extra large

30

B (Max.)

A (Min.)

> Orange plastic
> Order qty: 1 pc

Size	Dim. A	Dim. B	Cat. No.
Regular	30 mm	50 mm	261.90.930
Extra large	45 mm	80 mm	261.90.931

SALES DEPARTMENT 0800 171 2909 TECHNICAL SUPPORT 0800 171 2908

Section 7 | Page 67

Häfele printed: 7.67
Source PDF page(s): 85. Full-size sheets in offline edition.

Clamex P profile connector

Kitchen / Wardrobe / Media wall

APPLICATION

Concealed demountable angled and straight furniture joints with small tool-access hole.

COMMON DRILLING / SETTING OUT

Requires a7 mm profile T-slot produced with the correct Lamello P-system cutter; not a straight biscuit slot.

Access boreØ6; SW 4 tightening. Choose connector for panel thickness and joint geometry.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
267.91.186	P14, pack 80	Panel≥15 mm; source lateral adjustment±1 mm
267.91.180	P10, pack 80	Panel≥12 mm; source adjustment±0.5 mm
267.91.188	Medius, pack 80	Centre panel≥16 mm; follow opposed-connector layout

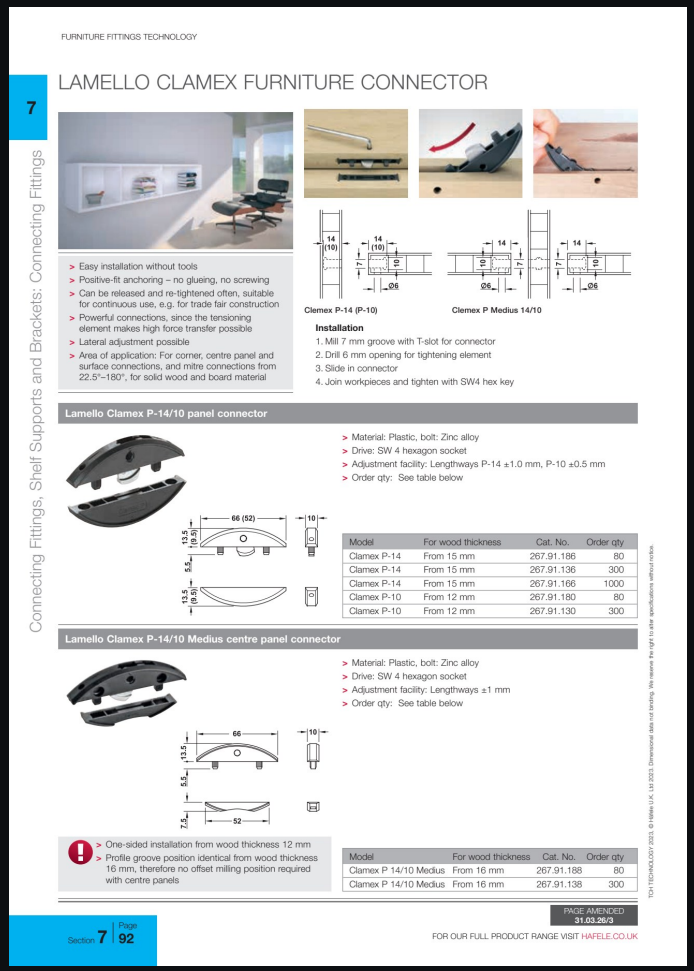
BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

COMPANION PARTS

Compatible P-system profile cutter; source also lists bulk packs.

ORIGINAL HÄFELE SHEET / 7.92



FURNITURE FITTINGS TECHNOLOGY

7

Connecting Fittings, Shelf Supports and Brackets: Connecting Fittings

LAMELLO CLAMEX FURNITURE CONNECTOR

> Easy installation without tools
> Positive-fit anchoring – no glueing, no screwing
> Can be released and re-tightened often, suitable for continuous use, e.g. for trade fair construction
> Powerful connections, since the tensioning element makes high force transfer possible
> Lateral adjustment possible
> Area of application: For corner, centre panel and surface connections, and mitre connections from 22.5°–180°, for solid wood and board material

Clamex P-14 (P-10) Clamex P Medius 14/10

Installation
1. Mill 7 mm groove with T-slot for connector
2. Drill 6 mm opening for tightening element
3. Slide in connector
4. Join workpieces and tighten with SW4 hex key

Lamello Clamex P-14/10 panel connector

> Material: Plastic, bolt: Zinc alloy
> Drive: SW 4 hexagon socket
> Adjustment facility: Lengthways P-14 ±1.0 mm, P-10 ±0.5 mm
> Order qty: See table below

Model	For wood thickness	Cat. No.	Order qty
Clamex P-14	From 15 mm	267.91.186	80
Clamex P-14	From 15 mm	267.91.136	300
Clamex P-14	From 15 mm	267.91.166	1000
Clamex P-10	From 12 mm	267.91.180	80
Clamex P-10	From 12 mm	267.91.130	300

Lamello Clamex P-14/10 Medius centre panel connector

> Material: Plastic, bolt: Zinc alloy
> Drive: SW 4 hexagon socket
> Adjustment facility: Lengthways ±1 mm
> Order qty: See table below

> One-sided installation from wood thickness 12 mm
> Profile groove position identical from wood thickness 16 mm, therefore no offset milling position required with centre panels

Model	For wood thickness	Cat. No.	Order qty
Clamex P 14/10 Medius	From 16 mm	267.91.188	80
Clamex P 14/10 Medius	From 16 mm	267.91.138	300

PAGE AMENDED 31.03.26/3

Section 7 | Page 92

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 7.92
Source PDF page(s): 118. Full-size sheets in offline edition.

Zipbolt low-profile worktop connector

Kitchen

APPLICATION

Joining thinner worktops where a conventional bolt pocket is too deep.

COMMON DRILLING / SETTING OUT

Machine paired pockets and joining channel to the selected connector drawing; dimensions below must remain matched to article.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
262.96.809	Mini QT 10.858; length 158	Ø25 pocket min 12.5 deep; shaft centre 5.5; X67-79 mm
262.96.810	Ultra slim QT 18.100; length 100	Ø20 pocket min 10 deep; shaft centre 4; X43-50 mm

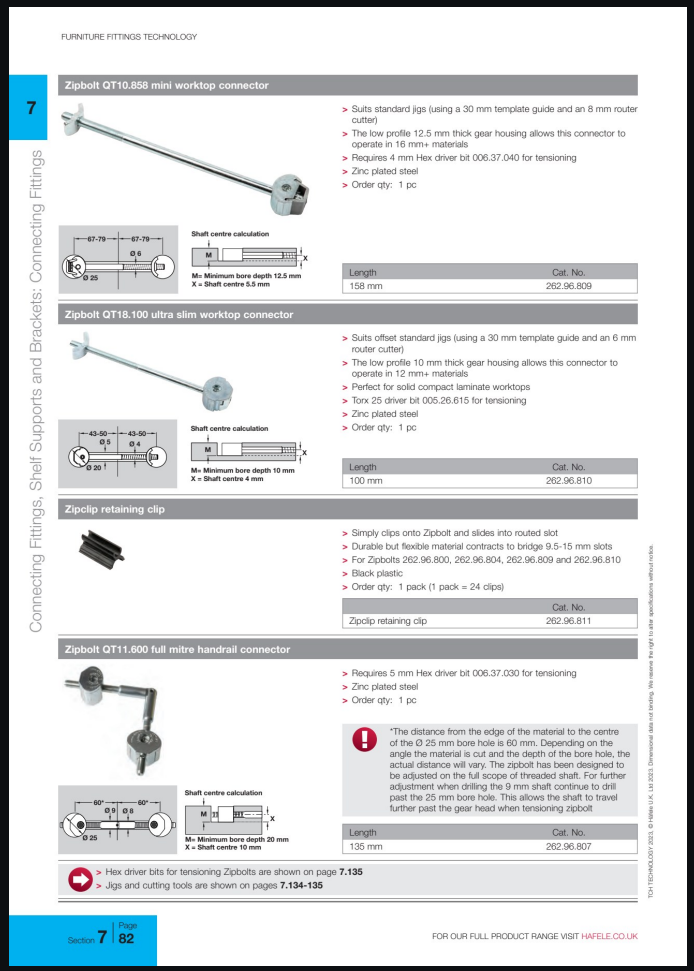
BEFORE MANUFACTURE

Mini requires material≥16 mm; ultra slim≥12 mm. Confirm remaining material and joint seal.

COMPANION PARTS

Mini SW 4 drive; ultra slim Torx 25. Optional retaining clip 262.96.811.

ORIGINAL HÄFELE SHEET / 7.82



FURNITURE FITTINGS TECHNOLOGY

7

Connecting Fittings, Shelf Supports and Brackets: Connecting Fittings

Zipbolt QT10.858 mini worktop connector

> Suits standard jigs (using a 30 mm template guide and an 8 mm router cutter)
> The low profile 12.5 mm thick gear housing allows this connector to operate in 16 mm+ materials
> Requires 4 mm Hex driver bit 006.37.040 for tensioning
> Zinc plated steel
> Order qty: 1 pc

Shaft centre calculation

M= Minimum bore depth 12.5 mm
X = Shaft centre 5.5 mm

Length	Cat. No.
158 mm	262.96.809

Zipbolt QT18.100 ultra slim worktop connector

> Suits offset standard jigs (using a 30 mm template guide and an 6 mm router cutter)
> The low profile 10 mm thick gear housing allows this connector to operate in 12 mm+ materials
> Perfect for solid compact laminate worktops
> Torx 25 driver bit 005.26.615 for tensioning
> Zinc plated steel
> Order qty: 1 pc

Shaft centre calculation

M= Minimum bore depth 10 mm
X = Shaft centre 4 mm

Length	Cat. No.
100 mm	262.96.810

Zipclip retaining clip

> Simply clips onto Zipbolt and slides into routed slot
> Durable but flexible material contracts to bridge 9.5-15 mm slots
> For Zipbolts 262.96.800, 262.96.804, 262.96.809 and 262.96.810
> Black plastic
> Order qty: 1 pack (1 pack = 24 clips)

	Cat. No.
Zipclip retaining clip	262.96.811

Zipbolt QT11.600 full mitre handrail connector

> Requires 5 mm Hex driver bit 006.37.030 for tensioning
> Zinc plated steel
> Order qty: 1 pc

*The distance from the edge of the material to the centre of the Ø 25 mm bore hole is 60 mm. Depending on the angle the material is cut and the depth of the bore hole, the actual distance will vary. The zipbolt has been designed to be adjusted on the full scope of threaded shaft. For further adjustment when drilling the 9 mm shaft continue to drill past the 25 mm bore hole. This allows the shaft to travel further past the gear head when tensioning zipbolt

Shaft centre calculation

M= Minimum bore depth 20 mm
X = Shaft centre 10 mm

Length	Cat. No.
135 mm	262.96.807

> Hex driver bits for tensioning Zipbolts are shown on page **7.135**
> Jigs and cutting tools are shown on pages **7.134-135**

Section 7 | Page 82

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 7.82
Source PDF page(s): 104. Full-size sheets in offline edition.

Conventional worktop connecting bolt

Kitchen

APPLICATION

Underside worktop joint tensioning in conventional thick tops.

COMMON DRILLING / SETTING OUT

Source drawing shows Ø35 pockets andØ15 shaft/channel detail. Pocket depth is not specified in this order page: establish it from the exact bolt and worktop section.

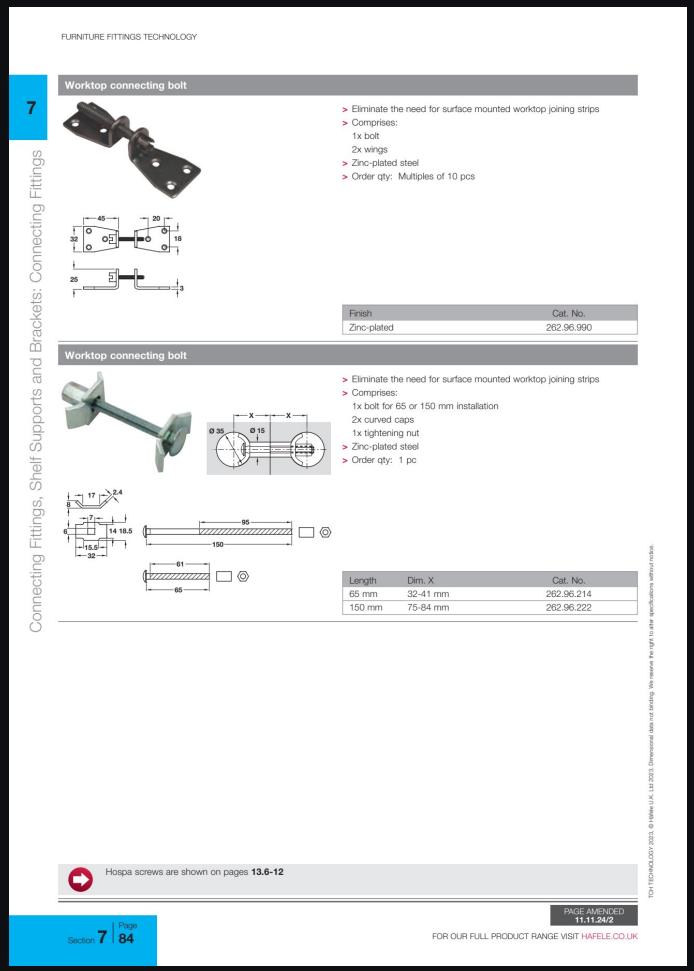
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
262.96.214	65 mm bolt	Source dimension X32-41 mm
262.96.222	150 mm bolt	Source dimension X75-84 mm

BEFORE MANUFACTURE

Confirm cutter depth, remaining material and access before routing. Do not copy the low-profile Zipbolt depth.

ORIGINAL HÄFELE SHEET / 7.84



FURNITURE FITTINGS TECHNOLOGY

7

Connecting Fittings, Shelf Supports and Brackets: Connecting Fittings

Worktop connecting bolt

> Eliminate the need for surface mounted worktop joining strips
> Comprises:
1x bolt
2x wings
> Zinc-plated steel
> Order qty: Multiples of 10 pcs

Finish	Cat. No.
Zinc-plated	262.96.990

Worktop connecting bolt

> Eliminate the need for surface mounted worktop joining strips
> Comprises:
1x bolt for 65 or 150 mm installation
2x curved caps
1x tightening nut
> Zinc-plated steel
> Order qty: 1 pc

Length	Dim. X	Cat. No.
65 mm	32-41 mm	262.96.214
150 mm	75-84 mm	262.96.222

Hospa screws are shown on pages **13.6-12**

PAGE AMENDED 11.11.24/2

Section 7 | Page 84

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 7.84
Source PDF page(s): 106. Full-size sheets in offline edition.

Arret cabinet joining connector

Kitchen / Wardrobe / Media wall

APPLICATION

Joining adjacent cabinet carcasses using series-drilled side panels.

COMMON DRILLING / SETTING OUT

Use the Arret mounting arrangement and Ø5 series holes from the source. Fit both connector parts and verify side-panel alignment.

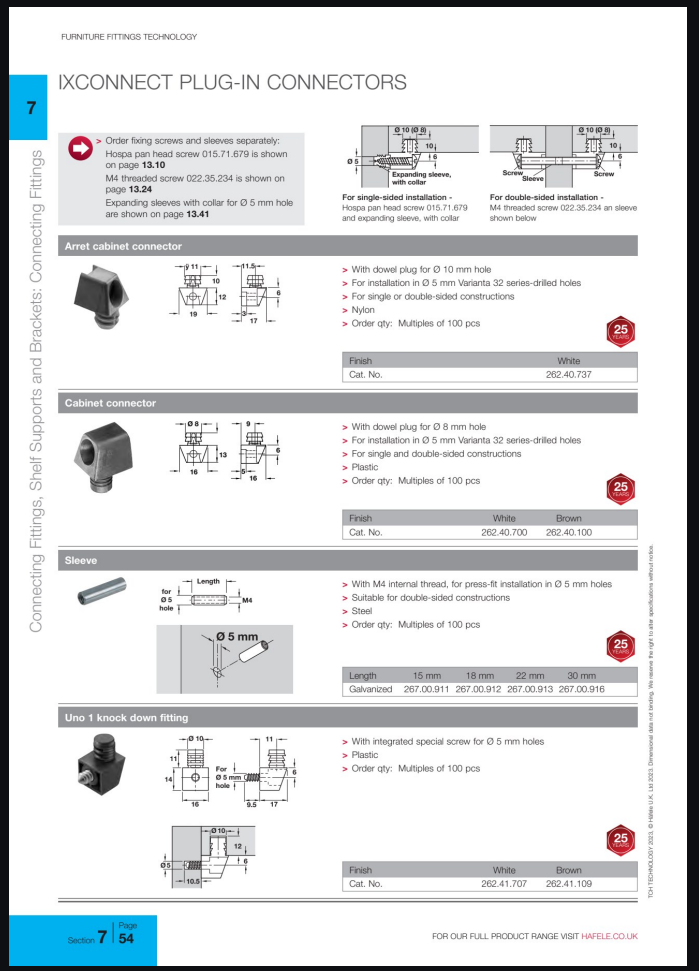
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
262.40.737	Arret connector	Ø10 body; Ø5 plug detail
262.40.700 / 262.40.100	Basic white / brown	Ø8 body; Ø5 plug detail

BEFORE MANUFACTURE

Check joining reach for the actual pair of cabinet sides; confirm insertion and tightening access.

ORIGINAL HÄFELE SHEET / 7.54



FURNITURE FITTINGS TECHNOLOGY

7

Connecting Fittings, Shelf Supports and Brackets: Connecting Fittings

IXCONNECT PLUG-IN CONNECTORS

> Order fixing screws and sleeves separately:
Hospa pan head screw 015.71.679 is shown on page **13.10**
M4 threaded screw 022.35.234 is shown on page **13.24**
Expanding sleeves with collar for Ø 5 mm hole are shown on page **13.41**

Expanding sleeve, with collar

For single-sided installation -
Hospa pan head screw 015.71.679 and expanding sleeve, with collar

Screw
Sleeve
Screw

For double-sided installation -
M4 threaded screw 022.35.234 an sleeve shown below

Arret cabinet connector

> With dowel plug for Ø 10 mm hole
> For installation in Ø 5 mm Varianta 32 series-drilled holes
> For single or double-sided constructions
> Nylon
> Order qty: Multiples of 100 pcs

Finish	White
Cat. No.	262.40.737

Cabinet connector

> With dowel plug for Ø 8 mm hole
> For installation in Ø 5 mm Varianta 32 series-drilled holes
> For single and double-sided constructions
> Plastic
> Order qty: Multiples of 100 pcs

Finish	White	Brown
Cat. No.	262.40.700	262.40.100

Sleeve

> With M4 internal thread, for press-fit installation in Ø 5 mm holes
> Suitable for double-sided constructions
> Steel
> Order qty: Multiples of 100 pcs

Ø 5 mm

Length	15 mm	18 mm	22 mm	30 mm
Galvanized	267.00.911	267.00.912	267.00.913	267.00.916

Uno 1 knock down fitting

> With integrated special screw for Ø 5 mm holes
> Plastic
> Order qty: Multiples of 100 pcs

Finish	White	Brown
Cat. No.	262.41.707	262.41.109

Section 7 | Page 54

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 7.54
Source PDF page(s): 68. Full-size sheets in offline edition.

Kaiman wall shelf clamp

Kitchen / Wardrobe / Media wall

APPLICATION

Visible wall-mounted shelves in wood or glass with adjustable thickness.

COMMON DRILLING / SETTING OUT

Shelf thickness 7-41 mm. Source gives 400-500 mm clamp spacing for the illustrated application; verify shelf span/material.

Load 25 kg is conditional on 320 mm shelf depth and suitable fixings; transfer wall-hole pattern from drawing.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
284.04.922 / 284.04.022 / 284.04.322	Aluminium / stainless effect / black	Same clamp geometry; wall drill/anchor depends on substrate

BEFORE MANUFACTURE

Check wall construction, edge grip, shelf material and span; use appropriate anchors rather than a universal wall drill size.

ORIGINAL HÄFELE SHEET / 7.144



FURNITURE FITTINGS TECHNOLOGY

7

Connecting Fittings, Shelf Supports and Brackets: Shelf Supports and Brackets

KAIMAN WALL FIXING SHELF SUPPORTS

Special fixing method for fine adjustment of bracket height to ensure shelves are level.

Kaiman shelf support for glass and wooden shelves

Aluminium

Stainless steel

Matt black

- Adjustable shelf support
- For 7-41 mm shelf thickness
- Special fixing method for fine adjustment of bracket height to ensure shelves are level
- Shelf clamped between a layer of ridged plastic on both the lower and upper sides
- Load capacity: 25 kg for a shelf 320 mm deep
- These shelf supports can be spaced every 400-500 mm, depending on the use, load, material and thickness of the shelf
- Screw fixings included for fixing to concrete or brick walls
- Engineering plastic is a high quality plastic with good strength and weight qualities
- Zinc alloy and engineering plastic
- Order qty: 1 pair

44
30
7
7-41
Max. 3
56
125

Rear screw underneath shelf support clamps shelf securely in place

Easy adjustment of front to back shelf angle using front screw underneath shelf support

Fixings included

Finish	Cat. No.
Aluminium	284.04.922
Stainless steel	284.04.022
Matt black	284.04.322

PAGE AMENDED 30.05.24/1

Section 7 | Page 144

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 7.144
Source PDF page(s): 192. Full-size sheets in offline edition.

Peki glass shelf clamp

Kitchen / Wardrobe / Media wall

APPLICATION

Adjustable glass shelves inside cabinets without drilling the glass.

COMMON DRILLING / SETTING OUT

Cabinet support holeØ5; source pin engagement 8 mm. Glass thickness 4-10 mm.

Load 25 kg refers to four supports with evenly distributed load.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
284.04.611	Peki clamp	Ø5 cabinet holes; no glass drilling

BEFORE MANUFACTURE

Check glass specification, clamp protection and four-point level support.

ORIGINAL HÄFELE SHEET / 7.166



FURNITURE FITTINGS TECHNOLOGY

7

Connecting Fittings, Shelf Supports and Brackets: Shelf Supports and Brackets

PEKI AND DREAM SHELF SUPPORTS FOR GLASS

Two distinctive designs, suitable for glass shelves.

Peki clamp shelf support, plug-in, for glass shelves

> Designed for rigid furniture, the carcase can be moved safely even when upside down with the glass already installed
> Easy to adjust the position of shelf without removing the door; just unscrew the screw pin and pull out the plate
> Secures glass in position
> For Ø 5 mm hole
> For 4-10 mm glass thickness
> Load carrying capacity 25 kg*
> Zinc alloy with clear soft rubber
> Order qty: 1 pc

Shelf support is supplied in 2 parts

Finish	Cat. No.
Nickel-plated	284.04.611

Dream support, plug-in, for glass shelves

> For Ø 5 mm hole
> Load carrying capacity 25 kg*
> Zinc alloy and clear soft rubber
> Order qty: Multiples of 50 pcs

Finish	Cat. No.
Nickel-plated	281.43.700

Niko cover cap

> Press-fit
> Ribbed body ensures secure grip when installed
> For installation in Ø 5 mm blind hole
> Steel
> Order qty: Multiples of 100 pcs

Finish	Cat. No.
Nickel-plated	290.21.941

*Load carrying capacity applies to 4 shelf supports bearing an evenly distributed load. Testing was carried out according to DIN EN 14749: 2005, clause 6.3.3 "Strength of shelf supports"

Section 7 | Page 166

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 7.166
Source PDF page(s): 214. Full-size sheets in offline edition.

K-Line wood/glass shelf support

Kitchen / Wardrobe / Media wall

APPLICATION

Discrete pin support with optional glass protection and wood-shelf retaining lug.

COMMON DRILLING / SETTING OUT

Cabinet holeØ5; source pin length 6 mm. Glass version requires protective rubber; wood retaining version uses matching shelf lug.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
284.84.710 / 284.84.990	Support plus glass rubber	Ø5 cabinet bore; protect glass contact
282.84.720	Wood shelf retaining version	Use source Ø5 lug arrangement

BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

ORIGINAL HÄFELE SHEET / 7.170



FURNITURE FITTINGS TECHNOLOGY

7

Connecting Fittings, Shelf Supports and Brackets: Shelf Supports and Brackets

K LINE SUPPORTS FOR GLASS OR WOODEN SHELVES

Achieve a consistent look by using the K Line shelf support; one design available for either glass or wooden shelves.

K Line shelf support, plug in, for Ø 5 mm holes

> For glass or wooden shelves (for glass shelves order rubber pad separately)
> For Ø 5 mm hole
> Zinc alloy
> Order qty: Multiples of 100 pcs

Ø 5 mm

Rubber pad

For glass shelves order rubber pad Cat. No. 284.84.990

Finish	Cat. No.
Nickel	284.84.710
Transparent rubber pad	284.84.990

K Line shelf support, plug in, for Ø 5 mm holes

> For wooden shelves
> With Ø 5 mm shelf-fixing lug
> For Ø 5 mm hole
> Zinc alloy
> Order qty: Multiples of 100 pcs

Ø 5 mm

Finish	Cat. No.
Nickel	282.84.720

Section 7 | Page 170

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 7.170
Source PDF page(s): 220. Full-size sheets in offline edition.

Swedish concealed wire shelf support

Kitchen / Wardrobe / Media wall

APPLICATION

Concealed adjustable support for grooved timber shelves.

COMMON DRILLING / SETTING OUT

Machine the shelf groove and paired cabinet holes to the wire-support drawing. Choose support length and Ø4/Ø5 pin together.

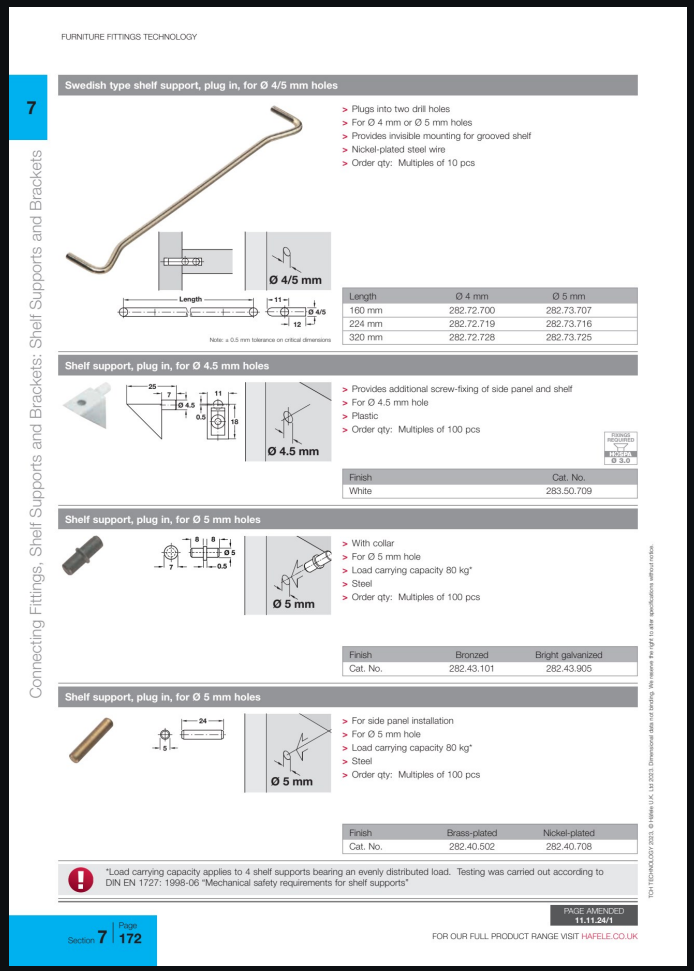
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
282.72.700 / 282.73.707	160 mm; Ø4 / Ø5 pins	Use corresponding cabinet bore diameter
282.72.719 / 282.73.716	224 mm; Ø4 / Ø5 pins	Reposition paired holes for this wire length
282.72.728 / 282.73.725	320 mm; Ø4 / Ø5 pins	Use 320 mm source pattern, not 160 mm spacing

BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

ORIGINAL HÄFELE SHEET / 7.172



FURNITURE FITTINGS TECHNOLOGY

7

Connecting Fittings, Shelf Supports and Brackets: Shelf Supports and Brackets

Swedish type shelf support, plug in, for Ø 4/5 mm holes

> Plugs into two drill holes
> For Ø 4 mm or Ø 5 mm holes
> Provides invisible mounting for grooved shelf
> Nickel-plated steel wire
> Order qty: Multiples of 10 pcs

Ø 4/5 mm

Length

Length	Ø 4 mm	Ø 5 mm
160 mm	282.72.700	282.73.707
224 mm	282.72.719	282.73.716
320 mm	282.72.728	282.73.725

Note: ± 0.5 mm tolerance on critical dimensions

Shelf support, plug in, for Ø 4.5 mm holes

> Provides additional screw-fixing of side panel and shelf
> For Ø 4.5 mm hole
> Plastic
> Order qty: Multiples of 100 pcs

Ø 4.5 mm

Finish	Cat. No.
White	283.50.709

Shelf support, plug in, for Ø 5 mm holes

> With collar
> For Ø 5 mm hole
> Load carrying capacity 80 kg*
> Steel
> Order qty: Multiples of 100 pcs

Ø 5 mm

Finish	Bronzed	Bright galvanized
Cat. No.	282.43.101	282.43.905

Shelf support, plug in, for Ø 5 mm holes

> For side panel installation
> For Ø 5 mm hole
> Load carrying capacity 80 kg*
> Steel
> Order qty: Multiples of 100 pcs

Ø 5 mm

Finish	Brass-plated	Nickel-plated
Cat. No.	282.40.502	282.40.708

*Load carrying capacity applies to 4 shelf supports bearing an evenly distributed load. Testing was carried out according to DIN EN 1727: 1998-06 "Mechanical safety requirements for shelf supports"

PAGE AMENDED 11.11.24/1

Section 7 | Page 172

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 7.172
Source PDF page(s): 222. Full-size sheets in offline edition.

Plain steel shelf pins

Kitchen / Wardrobe / Media wall

APPLICATION

Simple adjustable shelves with repeated cabinet-side drilling.

COMMON DRILLING / SETTING OUT

Cabinet holesØ5. Source load 80 kg is for four supports under evenly distributed load; it is not an independent shelf-span rating.

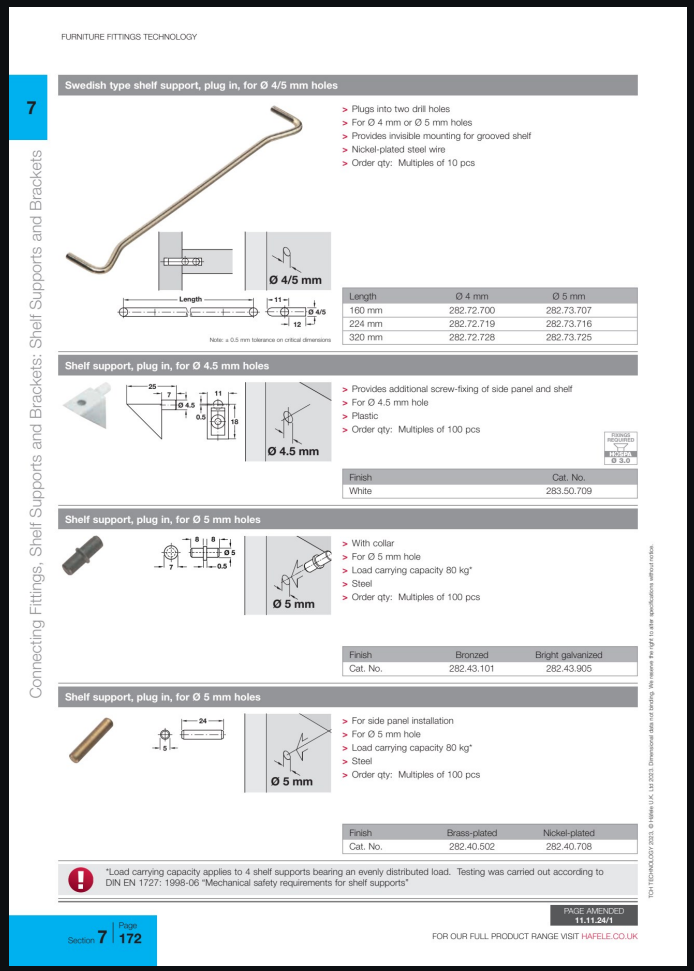
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
282.43.101 / 282.43.905	Collared pin; bronze / galvanised	Ø5 cabinet bore; collar locates support
282.40.502 / 282.40.708	Straight pin; brass / nickel finish	Ø5; overall pin length 24 mm

BEFORE MANUFACTURE

Check shelf bending/span and hole quality as well as pin capacity.

ORIGINAL HÄFELE SHEET / 7.172



FURNITURE FITTINGS TECHNOLOGY

7

Connecting Fittings, Shelf Supports and Brackets: Shelf Supports and Brackets

Swedish type shelf support, plug in, for Ø 4/5 mm holes

> Plugs into two drill holes
> For Ø 4 mm or Ø 5 mm holes
> Provides invisible mounting for grooved shelf
> Nickel-plated steel wire
> Order qty: Multiples of 10 pcs

Ø 4/5 mm

Length

Length	Ø 4 mm	Ø 5 mm
160 mm	282.72.700	282.73.707
224 mm	282.72.719	282.73.716
320 mm	282.72.728	282.73.725

Note: ± 0.5 mm tolerance on critical dimensions

Shelf support, plug in, for Ø 4.5 mm holes

> Provides additional screw-fixing of side panel and shelf
> For Ø 4.5 mm hole
> Plastic
> Order qty: Multiples of 100 pcs

Ø 4.5 mm

Finish	Cat. No.
White	283.50.709

Shelf support, plug in, for Ø 5 mm holes

> With collar
> For Ø 5 mm hole
> Load carrying capacity 80 kg*
> Steel
> Order qty: Multiples of 100 pcs

Ø 5 mm

Finish	Bronzed	Bright galvanized
Cat. No.	282.43.101	282.43.905

Shelf support, plug in, for Ø 5 mm holes

> For side panel installation
> For Ø 5 mm hole
> Load carrying capacity 80 kg*
> Steel
> Order qty: Multiples of 100 pcs

Ø 5 mm

Finish	Brass-plated	Nickel-plated
Cat. No.	282.40.502	282.40.708

*Load carrying capacity applies to 4 shelf supports bearing an evenly distributed load. Testing was carried out according to DIN EN 1727: 1998-06 "Mechanical safety requirements for shelf supports"

PAGE AMENDED 11.11.24/1

Section 7 | Page 172

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 7.172
Source PDF page(s): 222. Full-size sheets in offline edition.

Threaded anti-tip shelf support

Kitchen / Wardrobe / Media wall

APPLICATION

More secure shelf location where accidental lift/tip must be restricted.

COMMON DRILLING / SETTING OUT

Threaded metal support turns intoØ5 cabinet hole; engage shelf locating lug according to drawing.

Source 150 kg rating is for four metal supports with evenly distributed load, subject to material strength.

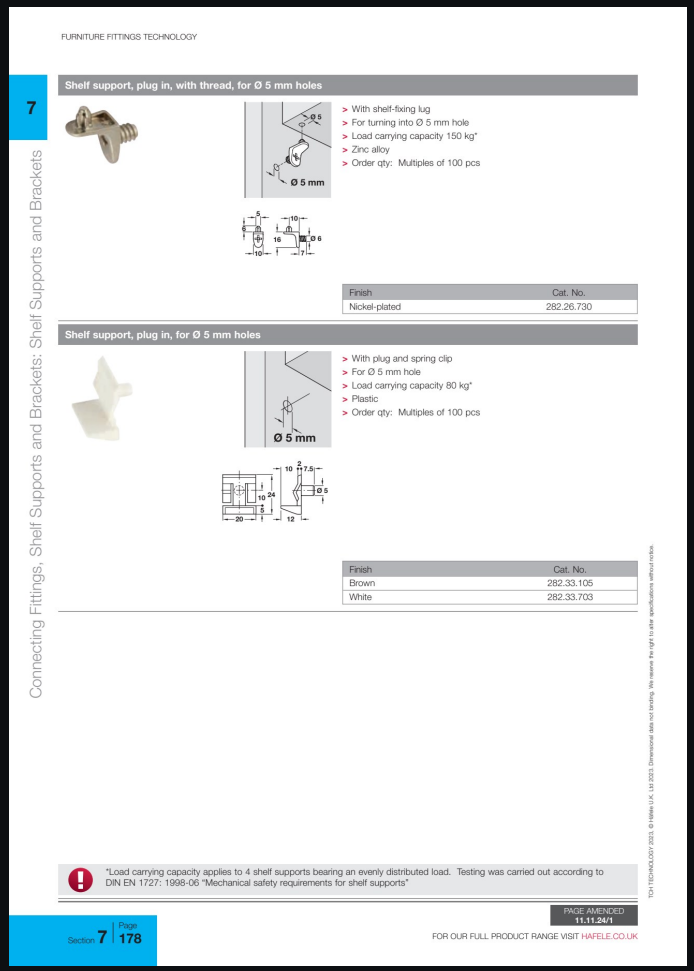
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
282.26.730	Threaded metal support	Ø5 preparation; source thread outsideØ6; use lug detail

BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

ORIGINAL HÄFELE SHEET / 7.178



FURNITURE FITTINGS TECHNOLOGY

7

Connecting Fittings, Shelf Supports and Brackets: Shelf Supports and Brackets

Shelf support, plug in, with thread, for Ø 5 mm holes

> With shelf-fixing lug
> For turning into Ø 5 mm hole
> Load carrying capacity 150 kg*
> Zinc alloy
> Order qty: Multiples of 100 pcs

Ø 5 mm

Finish	Cat. No.
Nickel-plated	282.26.730

Shelf support, plug in, for Ø 5 mm holes

> With plug and spring clip
> For Ø 5 mm hole
> Load carrying capacity 80 kg*
> Plastic
> Order qty: Multiples of 100 pcs

Ø 5 mm

Finish	Cat. No.
Brown	282.33.105
White	282.33.703

*Load carrying capacity applies to 4 shelf supports bearing an evenly distributed load. Testing was carried out according to DIN EN 1727: 1998-06 "Mechanical safety requirements for shelf supports"

PAGE AMENDED 11.11.24/1

Section 7 | Page 178

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 7.178
Source PDF page(s): 228. Full-size sheets in offline edition.

Triade concealed floating shelf bracket

Kitchen / Media wall

APPLICATION

Concealed wall bracket for thicker floating shelves.

COMMON DRILLING / SETTING OUT

Shelf 25-40 mm thick and 160-300 mm deep. Shelf boreØ14; use the source recessed-body routing detail appropriate to 25-30 or>30 mm material.

Source capacity 15 kg per bracket includes the shelf weight.

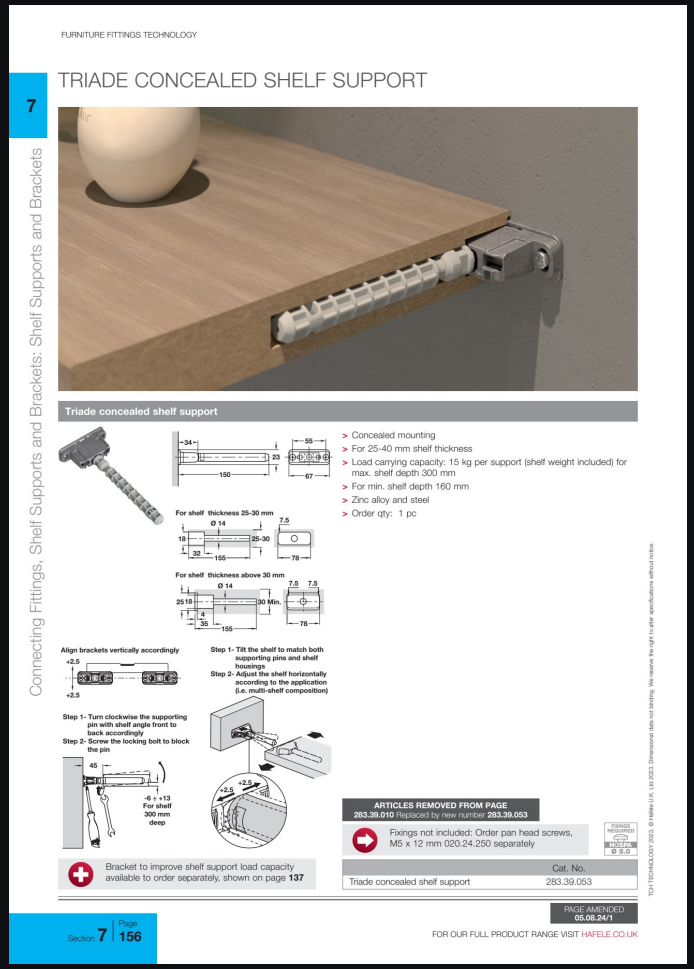
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
283.39.053	Triade concealed bracket	Revised article; replaces 283.39.010; follow 155 mm rod drawing

BEFORE MANUFACTURE

Confirm wall anchors, shelf material, bracket quantity and centre spacing. Do not treat shelf bore diameter as wall drill size.

ORIGINAL HÄFELE SHEET / 7.156


FURNITURE FITTINGS TECHNOLOGY

7

Connecting Fittings, Shelf Supports and Brackets: Shelf Supports and Brackets

TRIADE CONCEALED SHELF SUPPORT

Triade concealed shelf support

> Concealed mounting
> For 25-40 mm shelf thickness
> Load carrying capacity: 15 kg per support (shelf weight included) for max. shelf depth 300 mm
> For min. shelf depth 160 mm
> Zinc alloy and steel
> Order qty: 1 pc

For shelf thickness 25-30 mm

For shelf thickness above 30 mm

Align brackets vertically accordingly

Step 1- Tilt the shelf to match both supporting pins and shelf housings
Step 2- Adjust the shelf horizontally according to the application (i.e. multi-shelf composition)

Step 1- Turn clockwise the supporting pin with shelf angle front to back accordingly
Step 2- Screw the locking bolt to block the pin

-6 ÷ +13 For shelf 300 mm deep

ARTICLES REMOVED FROM PAGE
283.39.010 Replaced by new number 283.39.053

Fixings not included: Order pan head screws, M5 x 12 mm 020.24.250 separately

Bracket to improve shelf support load capacity available to order separately, shown on page 137

Cat. No.	
Triade concealed shelf support	283.39.053

PAGE AMENDED 05.08.24/1

Section 7 | Page 156

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 7.156
Source PDF page(s): 204. Full-size sheets in offline edition.

Recessed shelf-strip support system

Kitchen / Wardrobe / Media wall

APPLICATION

Closely adjustable shelf levels in cabinets or display units.

COMMON DRILLING / SETTING OUT

Cut strip to length and recess or surface mount to the selected profile. RequiredØ3 screw label is a screw size; pilot depends on material.

Use matching support for steel or aluminium profile.

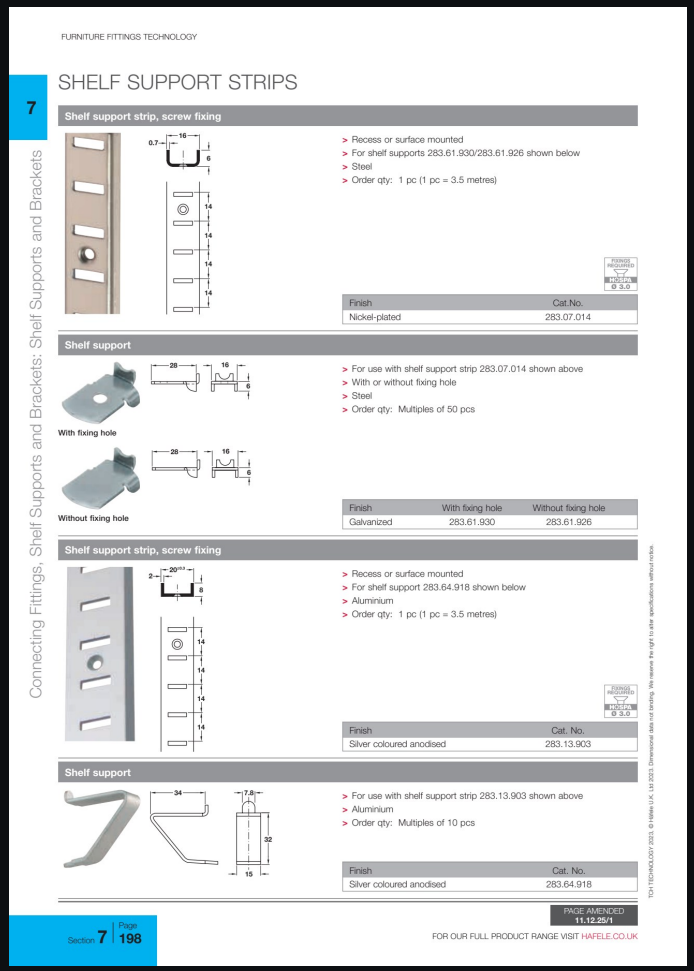
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
283.07.014 / 283.61.930	3500 mm steel strip plus support with fixing hole	Use steel-profile recess drawing
283.13.903 / 283.64.918	3500 mm aluminium strip plus matching support	Use aluminium-profile recess drawing

BEFORE MANUFACTURE

Check strip end fixing and load distribution; profiles/supports are not automatically interchangeable.

ORIGINAL HÄFELE SHEET / 7.198



FURNITURE FITTINGS TECHNOLOGY

7

Connecting Fittings, Shelf Supports and Brackets: Shelf Supports and Brackets

SHELF SUPPORT STRIPS

Shelf support strip, screw fixing

> Recess or surface mounted
> For shelf supports 283.61.930/283.61.926 shown below
> Steel
> Order qty: 1 pc (1 pc = 3.5 metres)

Finish	Cat.No.
Nickel-plated	283.07.014

Shelf support

With fixing hole

Without fixing hole

> For use with shelf support strip 283.07.014 shown above
> With or without fixing hole
> Steel
> Order qty: Multiples of 50 pcs

Finish	With fixing hole	Without fixing hole
Galvanized	283.61.930	283.61.926

Shelf support strip, screw fixing

> Recess or surface mounted
> For shelf support 283.64.918 shown below
> Aluminium
> Order qty: 1 pc (1 pc = 3.5 metres)

Finish	Cat. No.
Silver coloured anodised	283.13.903

Shelf support

> For use with shelf support strip 283.13.903 shown above
> Aluminium
> Order qty: Multiples of 10 pcs

Finish	Cat. No.
Silver coloured anodised	283.64.918

PAGE AMENDED 11.12.25/1

Section 7 | Page 198

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 7.198
Source PDF page(s): 248. Full-size sheets in offline edition.

Atlas suspended cabinet hanger

Kitchen / Media wall

APPLICATION

Concealed suspension for low-level suspended cabinets.

COMMON DRILLING / SETTING OUT

Use matched hanger, wall plate and rear support. Source showsØ35/Ø10 machining; copy the complete hole pattern and edge distances from drawing.

Source 369 kg is a test result, not a universal safe working load for the installed cabinet.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
290.24.919	Atlas wall plate	Wall fixing to actual substrate
290.24.910	Atlas rear support	Use the matching carcass support drawing

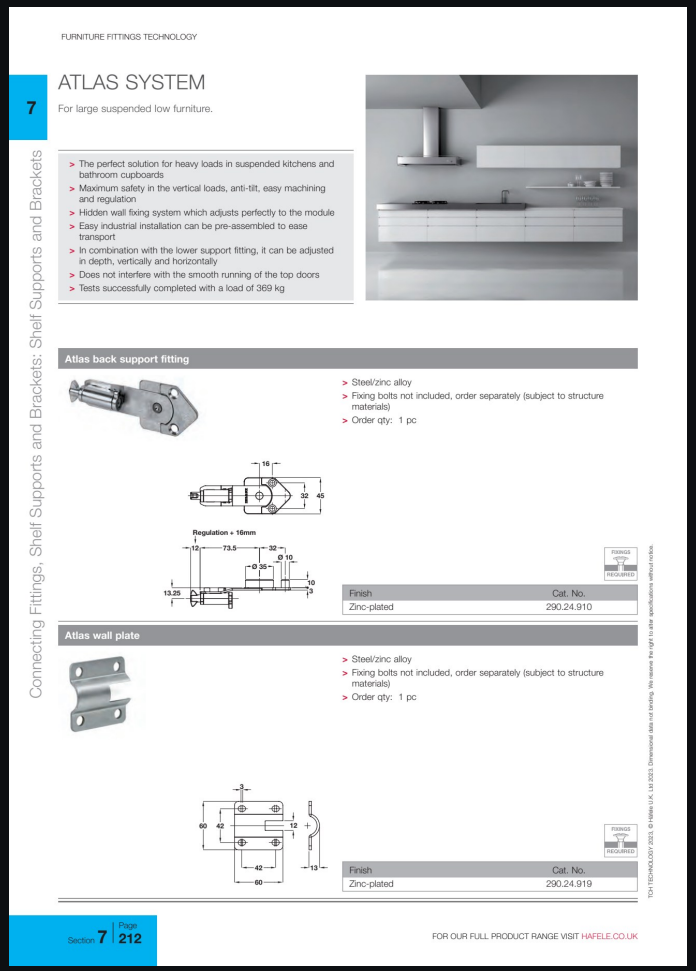
BEFORE MANUFACTURE

Have the complete suspension arrangement and wall anchorage checked; do not release from the laboratory test figure alone.

COMPANION PARTS

Complete Atlas assembly shown on source page; confirm all required parts.

ORIGINAL HÄFELE SHEET / 7.212


FURNITURE FITTINGS TECHNOLOGY

7

ATLAS SYSTEM

For large suspended low furniture.

- The perfect solution for heavy loads in suspended kitchens and bathroom cupboards
- Maximum safety in the vertical loads, anti-tilt, easy machining and regulation
- Hidden wall fixing system which adjusts perfectly to the module
- Easy industrial installation can be pre-assembled to ease transport
- In combination with the lower support fitting, it can be adjusted in depth, vertically and horizontally
- Does not interfere with the smooth running of the top doors
- Tests successfully completed with a load of 369 kg

Connecting Fittings, Shelf Supports and Brackets: Shelf Supports and Brackets

Atlas back support fitting

- Steel/zinc alloy
- Fixing bolts not included, order separately (subject to structure materials)
- Order qty: 1 pc

Finish	Cat. No.
Zinc-plated	290.24.910

Atlas wall plate

- Steel/zinc alloy
- Fixing bolts not included, order separately (subject to structure materials)
- Order qty: 1 pc

Finish	Cat. No.
Zinc-plated	290.24.919

Section 7 | Page 212

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 7.212
Source PDF page(s): 264. Full-size sheets in offline edition.

Traser 6 adjustable cabinet hanger

Kitchen / Wardrobe / Media wall

APPLICATION

Adjustable wall cabinet suspension with optional active anti-lift safety.

COMMON DRILLING / SETTING OUT

Select the screw-mounted or rapid-dowel pattern. Access opening differs:Ø18 standard versusØ25 on the active-safety detail.

Use matching wall plate/rail from 7.216; load 50 kg per hanger is the stated TypeA EN 15939 condition.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
290.28.900	Unhanded screw fixing	Min 16 mm side; standardØ18 adjustment access
290.28.916 / 290.28.915	Active safety rapid dowel LH / RH	Use handed dowel pattern andØ25 access
290.28.905	Active safety screw fixing	Use active-safety screw pattern, not rapid-dowel holes

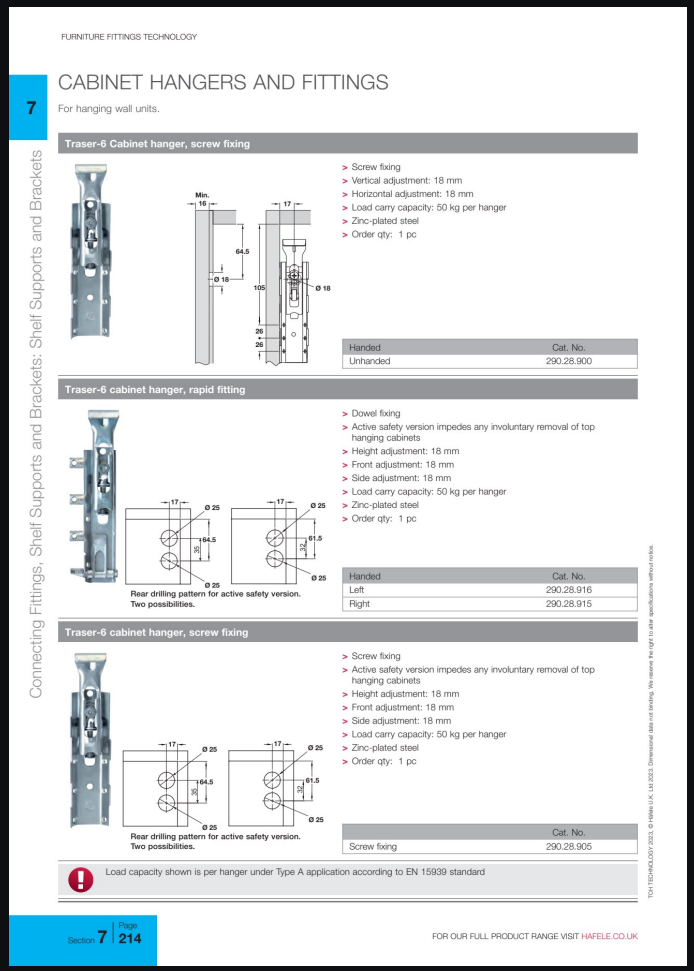
BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

COMPANION PARTS

Example wall plate 290.21.990 or appropriate rail 290.10.970; substrate fixings.

ORIGINAL HÄFELE SHEET / 7.214



FURNITURE FITTINGS TECHNOLOGY

7

Connecting Fittings, Shelf Supports and Brackets: Shelf Supports and Brackets

CABINET HANGERS AND FITTINGS

For hanging wall units.

Traser-6 Cabinet hanger, screw fixing

> Screw fixing
> Vertical adjustment: 18 mm
> Horizontal adjustment: 18 mm
> Load carry capacity: 50 kg per hanger
> Zinc-plated steel
> Order qty: 1 pc

Handed	Cat. No.
Unhanded	290.28.900

Traser-6 cabinet hanger, rapid fitting

> Dowel fixing
> Active safety version impedes any involuntary removal of top hanging cabinets
> Height adjustment: 18 mm
> Front adjustment: 18 mm
> Side adjustment: 18 mm
> Load carry capacity: 50 kg per hanger
> Zinc-plated steel
> Order qty: 1 pc

Rear drilling pattern for active safety version. Two possibilities.

Handed	Cat. No.
Left	290.28.916
Right	290.28.915

Traser-6 cabinet hanger, screw fixing

> Screw fixing
> Active safety version impedes any involuntary removal of top hanging cabinets
> Height adjustment: 18 mm
> Front adjustment: 18 mm
> Side adjustment: 18 mm
> Load carry capacity: 50 kg per hanger
> Zinc-plated steel
> Order qty: 1 pc

Rear drilling pattern for active safety version. Two possibilities.

	Cat. No.
Screw fixing	290.28.905

Load capacity shown is per hanger under Type A application according to EN 15939 standard

Section 7 | Page 214

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 7.214, 7.216
Source PDF page(s): 266, 268. Full-size sheets in offline edition.

Concealed mirror/panel hanger

Wardrobe / Media wall

APPLICATION

Concealed adjustable suspension for mirrors and decorative panels.

COMMON DRILLING / SETTING OUT

Use the source recessed bracket and matching screw hook. Transfer pocket, adjustment access and wall-hook datum from the original drawing.

Source 40 kg per hanger applies with the matching hook and suitable substrate.

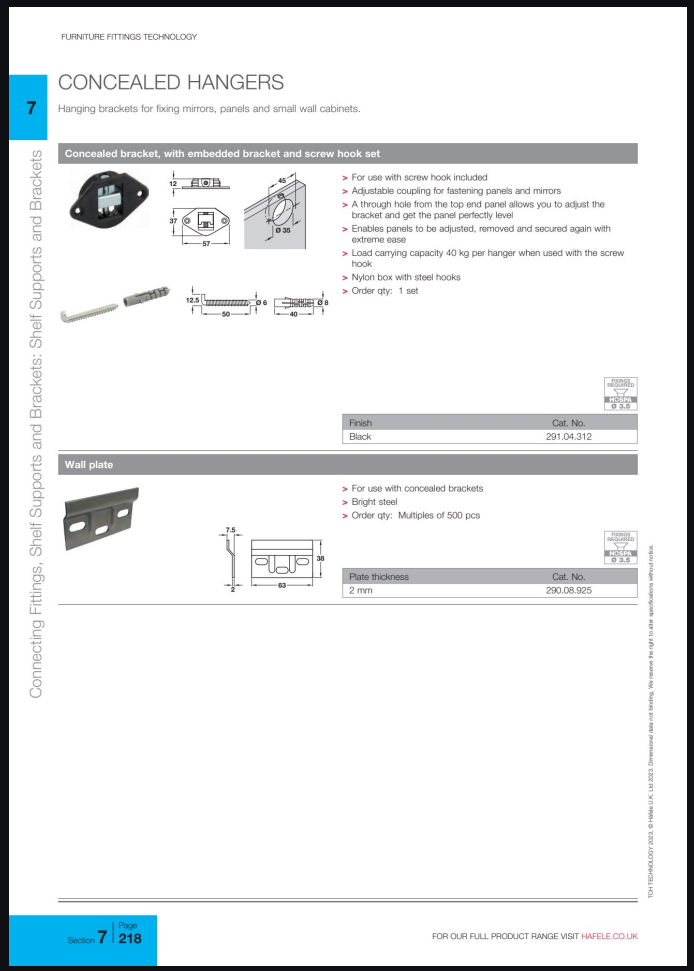
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
291.04.312	Concealed panel/mirror hanger	Source recessed pocket and top adjustment access; confirm pocket depth before routing

BEFORE MANUFACTURE

Confirm panel thickness and hook engagement; provide removal/adjustment clearance. Do not drill the mirror glass.

ORIGINAL HÄFELE SHEET / 7.218



FURNITURE FITTINGS TECHNOLOGY

7

CONCEALED HANGERS

Hanging brackets for fixing mirrors, panels and small wall cabinets.

Connecting Fittings, Shelf Supports and Brackets: Shelf Supports and Brackets

Concealed bracket, with embedded bracket and screw hook set

- For use with screw hook included
- Adjustable coupling for fastening panels and mirrors
- A through hole from the top end panel allows you to adjust the bracket and get the panel perfectly level
- Enables panels to be adjusted, removed and secured again with extreme ease
- Load carrying capacity 40 kg per hanger when used with the screw hook
- Nylon box with steel hooks
- Order qty: 1 set

Finish	Cat. No.
Black	291.04.312

Wall plate

- For use with concealed brackets
- Bright steel
- Order qty: Multiples of 500 pcs

Plate thickness	Cat. No.
2 mm	290.08.925

Section 7 | Page 218

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 7.218
Source PDF page(s): 272. Full-size sheets in offline edition.

Metalla 310 110° concealed hinge

Kitchen / Wardrobe / Media wall

APPLICATION

General timber doors; overlay, half overlay and inset variants grouped.

COMMON DRILLING / SETTING OUT

CupØ35, minimum depth 12 mm for 45/9.5 pattern. Cup fixing centres 45 mm, offset 9.5 mm. E3-7 mm is edge-to-cup-edge distance.

Choose overlay/gap, E and mounting-plate height from the exact source table. Do not use one fixed cup-edge setting for every application.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
311.04.248 / 311.04.648	Full overlay soft close; nickel / black	45/9.5 pattern; plate selected by overlay
311.04.251 / 311.04.651	Half overlay soft close; nickel / black	Same cup; use half-overlay table
311.04.254 / 311.04.654	Inset soft close; nickel / black	Same cup; use inset gap/plate table
311.60.924 / 311.60.921 / 311.60.919	Unsprung full / half / inset	Use corresponding application table

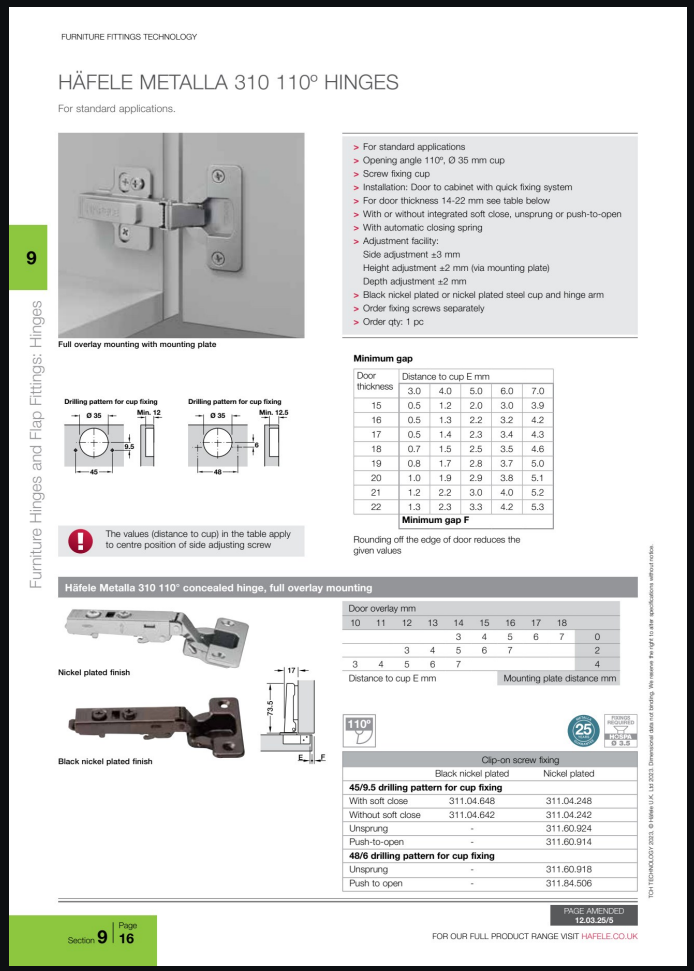
BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

COMPANION PARTS

Metalla-compatible mounting plate; mounting screws appropriate to board.

ORIGINAL HÄFELE SHEET / 9.16



FURNITURE FITTINGS TECHNOLOGY

HÄFELE METALLA 310 110° HINGES

For standard applications.

9

Furniture Hinges and Flap Fittings: Hinges

Full overlay mounting with mounting plate

> For standard applications
> Opening angle 110°, Ø 35 mm cup
> Screw fixing cup
> Installation: Door to cabinet with quick fixing system
> For door thickness 14-22 mm see table below
> With or without integrated soft close, unsprung or push-to-open
> With automatic closing spring
> Adjustment facility:
Side adjustment ±3 mm
Height adjustment ±2 mm (via mounting plate)
Depth adjustment ±2 mm
> Black nickel plated or nickel plated steel cup and hinge arm
> Order fixing screws separately
> Order qty: 1 pc

Drilling pattern for cup fixing

Drilling pattern for cup fixing

The values (distance to cup) in the table apply to centre position of side adjusting screw

Minimum gap

Door thickness	Distance to cup E mm				
	3.0	4.0	5.0	6.0	7.0
15	0.5	1.2	2.0	3.0	3.9
16	0.5	1.3	2.2	3.2	4.2
17	0.5	1.4	2.3	3.4	4.3
18	0.7	1.5	2.5	3.5	4.6
19	0.8	1.7	2.8	3.7	5.0
20	1.0	1.9	2.9	3.8	5.1
21	1.2	2.2	3.0	4.0	5.2
22	1.3	2.3	3.3	4.2	5.3
	Minimum gap F				

Rounding off the edge of door reduces the given values

Häfele Metalla 310 110° concealed hinge, full overlay mounting

Nickel plated finish

Black nickel plated finish

Door overlay mm										
10	11	12	13	14	15	16	17	18		
				3	4	5	6	7		0
		3	4	5	6	7				2
3	4	5	6	7						4
Distance to cup E mm									Mounting plate distance mm	

Clip-on screw fixing	Black nickel plated	Nickel plated
45/9.5 drilling pattern for cup fixing		
With soft close	311.04.648	311.04.248
Without soft close	311.04.642	311.04.242
Unsprung	-	311.60.924
Push-to-open	-	311.60.914
48/6 drilling pattern for cup fixing		
Unsprung	-	311.60.918
Push to open	-	311.84.506

PAGE AMENDED 12.03.25/5

Section 9 | Page 16

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 9.16, 9.17, 9.25
Source PDF page(s): 498, 499, 519. Full-size sheets in offline edition.

Metalla 310 155° wide-angle hinge

Kitchen / Wardrobe / Media wall

APPLICATION

Wide access and overlay doors in front of internal drawers; inset version grouped.

COMMON DRILLING / SETTING OUT

CupØ35, minimum depth 12 mm;45/9.5 screw pattern. Source full-overlay door thickness 14-24 mm; E3-7 mm.

Read exact overlay/inset table and check internal pull-out clearance; inset requires the specific plate selection.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
311.63.730 / 311.63.840	Full overlay soft close; nickel / black	Use full-overlay zero-protrusion layout
311.63.739 / 311.63.849	Full overlay without soft close; nickel / black	Same cup geometry
311.63.736 / 311.63.842	Inset soft close; nickel / black	Use inset gap table and compatible plate

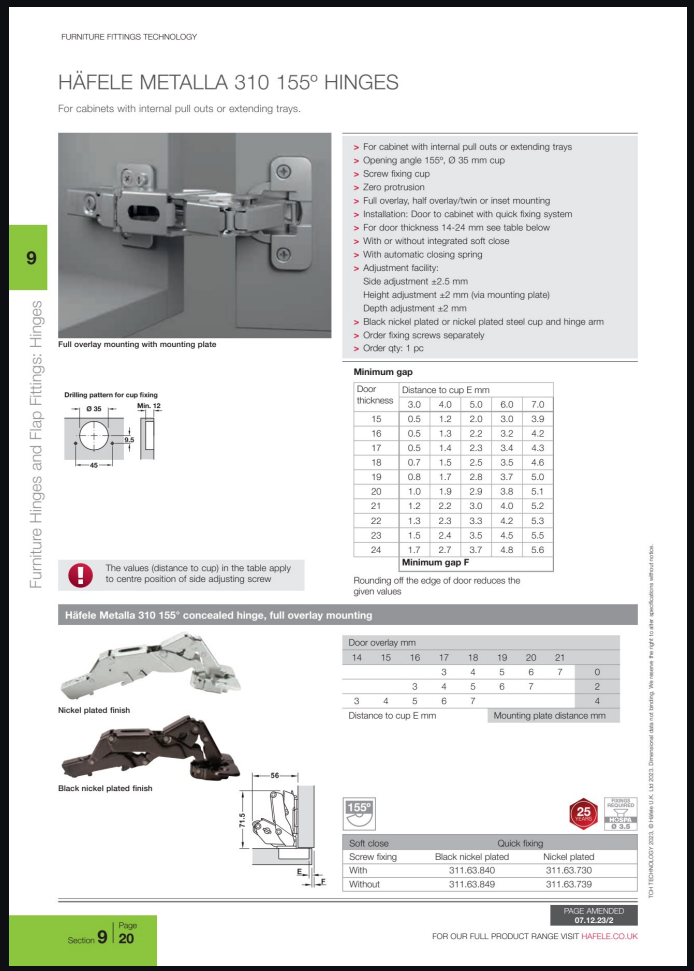
BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

COMPANION PARTS

Compatible Metalla plate;8 mm inset plate 311.71.998 appears 9.26; verify exact required combination.

ORIGINAL HÄFELE SHEET / 9.20



FURNITURE FITTINGS TECHNOLOGY

HÄFELE METALLA 310 155° HINGES

For cabinets with internal pull outs or extending trays.

9

Furniture Hinges and Flap Fittings: Hinges

Full overlay mounting with mounting plate

- For cabinet with internal pull outs or extending trays
- Opening angle 155°, Ø 35 mm cup
- Screw fixing cup
- Zero protrusion
- Full overlay, half overlay/twin or inset mounting
- Installation: Door to cabinet with quick fixing system
- For door thickness 14-24 mm see table below
- With or without integrated soft close
- With automatic closing spring
- Adjustment facility:
  Side adjustment ±2.5 mm
  Height adjustment ±2 mm (via mounting plate)
  Depth adjustment ±2 mm
- Black nickel plated or nickel plated steel cup and hinge arm
- Order fixing screws separately
- Order qty: 1 pc

Drilling pattern for cup fixing

Minimum gap

Door thickness	Distance to cup E mm				
	3.0	4.0	5.0	6.0	7.0
15	0.5	1.2	2.0	3.0	3.9
16	0.5	1.3	2.2	3.2	4.2
17	0.5	1.4	2.3	3.4	4.3
18	0.7	1.5	2.5	3.5	4.6
19	0.8	1.7	2.8	3.7	5.0
20	1.0	1.9	2.9	3.8	5.1
21	1.2	2.2	3.0	4.0	5.2
22	1.3	2.3	3.3	4.2	5.3
23	1.5	2.4	3.5	4.5	5.5
24	1.7	2.7	3.7	4.8	5.6
Minimum gap F					

The values (distance to cup) in the table apply to centre position of side adjusting screw

Rounding off the edge of door reduces the given values

Häfele Metalla 310 155° concealed hinge, full overlay mounting

Nickel plated finish

Black nickel plated finish

Door overlay mm								
14	15	16	17	18	19	20	21	
			3	4	5	6	7	0
		3	4	5	6	7		2
3	4	5	6	7				4
Distance to cup E mm								Mounting plate distance mm

Soft close	Quick fixing	
Screw fixing	Black nickel plated	Nickel plated
With	311.63.840	311.63.730
Without	311.63.849	311.63.739

PAGE AMENDED 07.12.23/2

Section 9 | Page 20

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 9.20, 9.21, 9.25, 9.26
Source PDF page(s): 506, 507, 519, 522. Full-size sheets in offline edition.

Metalla angled corner hinge

Kitchen / Wardrobe / Media wall

APPLICATION

Doors on 30° or 45° corner cabinet geometry; grouped as one angled family.

COMMON DRILLING / SETTING OUT

Opening 110°; cupØ35 minimum 12 deep,45/9.5 screw pattern.

Corner angle describes cabinet geometry. Half-mount plate spacing differs:8 mm for 30°,6 mm for 45° as source indicates.

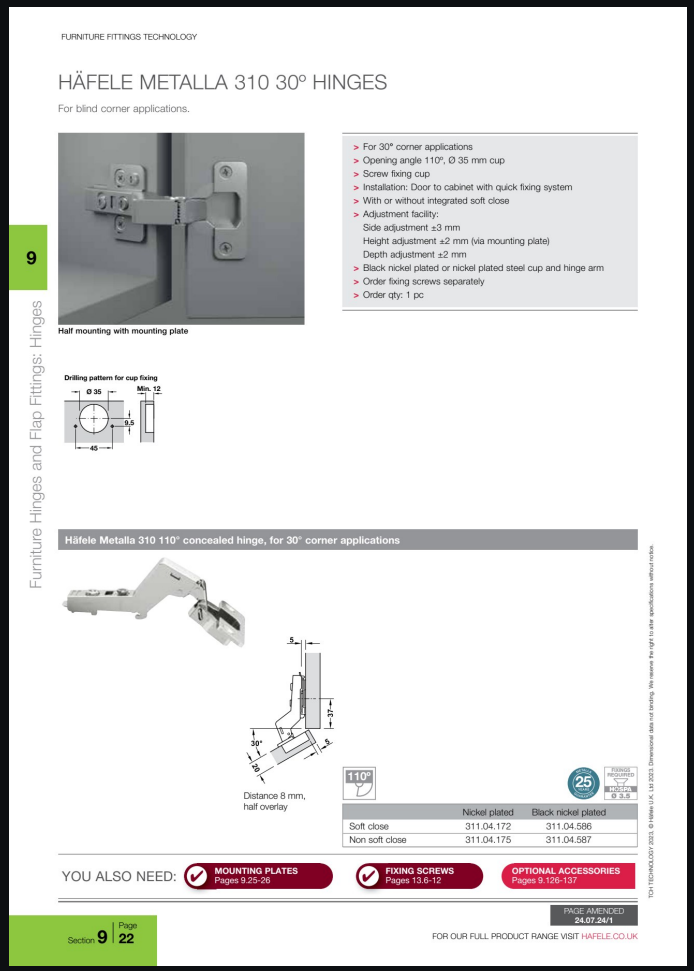
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
311.04.172 / 311.04.586	30° application, soft close nickel / black	Use 30° corner drawing; half-mount distance 8 mm
311.04.106 / 311.04.588	45° application, soft close nickel / black	Use 45° corner drawing; half-mount distance 6 mm

BEFORE MANUFACTURE

Check corner geometry and collision sweep in a trial door; do not confuse opening angle with cabinet angle.

ORIGINAL HÄFELE SHEET / 9.22


FURNITURE FITTINGS TECHNOLOGY

HÄFELE METALLA 310 30° HINGES

For blind corner applications.

9

Furniture Hinges and Flap Fittings: Hinges

Half mounting with mounting plate

> For 30° corner applications
> Opening angle 110°, Ø 35 mm cup
> Screw fixing cup
> Installation: Door to cabinet with quick fixing system
> With or without integrated soft close
> Adjustment facility:
Side adjustment ±3 mm
Height adjustment ±2 mm (via mounting plate)
Depth adjustment ±2 mm
> Black nickel plated or nickel plated steel cup and hinge arm
> Order fixing screws separately
> Order qty: 1 pc

Drilling pattern for cup fixing

Häfele Metalla 310 110° concealed hinge, for 30° corner applications

Distance 8 mm, half overlay

	Nickel plated	Black nickel plated
Soft close	311.04.172	311.04.586
Non soft close	311.04.175	311.04.587

YOU ALSO NEED: MOUNTING PLATES Pages 9.25-26 · FIXING SCREWS Pages 13.6-12 · OPTIONAL ACCESSORIES Pages 9.126-137

PAGE AMENDED 24.07.24/1

Section 9 | Page 22

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 9.22, 9.23, 9.25
Source PDF page(s): 508, 509, 519. Full-size sheets in offline edition.

Metalla 90° blind-corner hinge

Kitchen

APPLICATION

Door hinged to a blind panel at 90° cabinet geometry.

COMMON DRILLING / SETTING OUT

CupØ35 minimum 12.5 deep;45/9.5 fixing pattern; hinge opening 110°.

Special plate datum: X19 mm with E5, or X20 mm with E4, per source. Use the blind-corner overlay matrix.

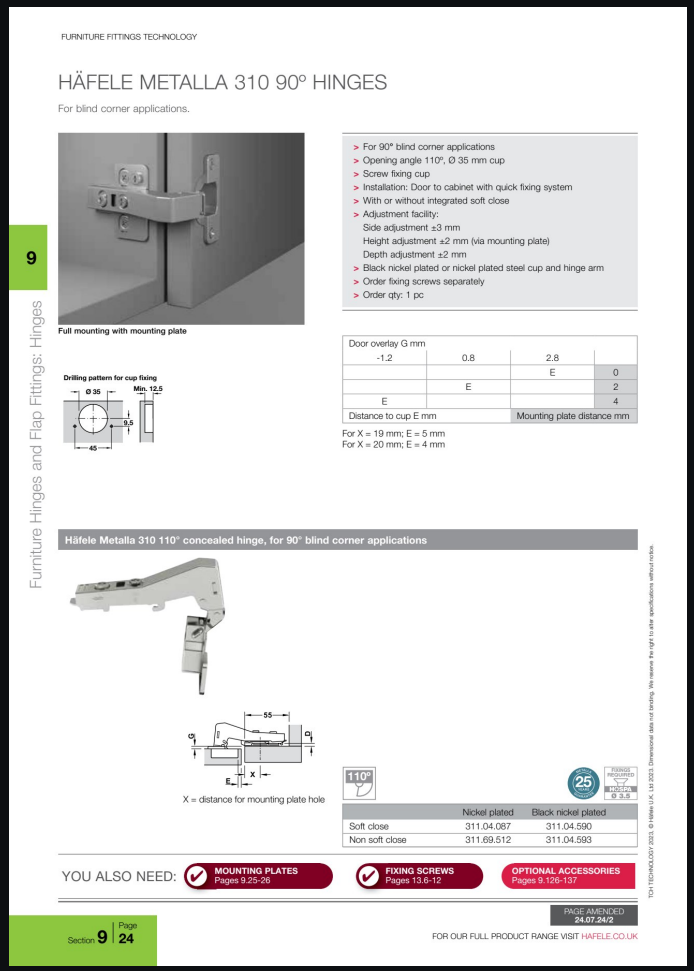
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
311.04.087 / 311.04.590	Soft close nickel / black	Special blind-panel mounting datum
311.69.512 / 311.04.593	Without soft close nickel / black	Same source application geometry

BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

ORIGINAL HÄFELE SHEET / 9.24


FURNITURE FITTINGS TECHNOLOGY

HÄFELE METALLA 310 90° HINGES

For blind corner applications.

9

Furniture Hinges and Flap Fittings: Hinges

Full mounting with mounting plate

> For 90° blind corner applications
> Opening angle 110°, Ø 35 mm cup
> Screw fixing cup
> Installation: Door to cabinet with quick fixing system
> With or without integrated soft close
> Adjustment facility:
Side adjustment ±3 mm
Height adjustment ±2 mm (via mounting plate)
Depth adjustment ±2 mm
> Black nickel plated or nickel plated steel cup and hinge arm
> Order fixing screws separately
> Order qty: 1 pc

Drilling pattern for cup fixing

Door overlay G mm			
-1.2	0.8	2.8	
		E	0
	E		2
E			4
Distance to cup E mm			Mounting plate distance mm

For X = 19 mm; E = 5 mm
For X = 20 mm; E = 4 mm

Häfele Metalla 310 110° concealed hinge, for 90° blind corner applications

X = distance for mounting plate hole

	Nickel plated	Black nickel plated
Soft close	311.04.087	311.04.590
Non soft close	311.69.512	311.04.593

YOU ALSO NEED: MOUNTING PLATES Pages 9.25-26 | FIXING SCREWS Pages 13.6-12 | OPTIONAL ACCESSORIES Pages 9.126-137

PAGE AMENDED 24.07.24/2

Section 9 | Page 24

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 9.24, 9.25
Source PDF page(s): 510, 519. Full-size sheets in offline edition.

Refrigerator door furniture hinge

Kitchen

APPLICATION

Furniture front arrangement for refrigerator applications using the specified hinge.

COMMON DRILLING / SETTING OUT

Source cupØ35; use refrigerator-specific drilling and clearance drawing rather than standard Metalla assumptions.

Compatible 0 mm plate has 37 mm line and 32 mm fixing centres. Check appliance door instructions.

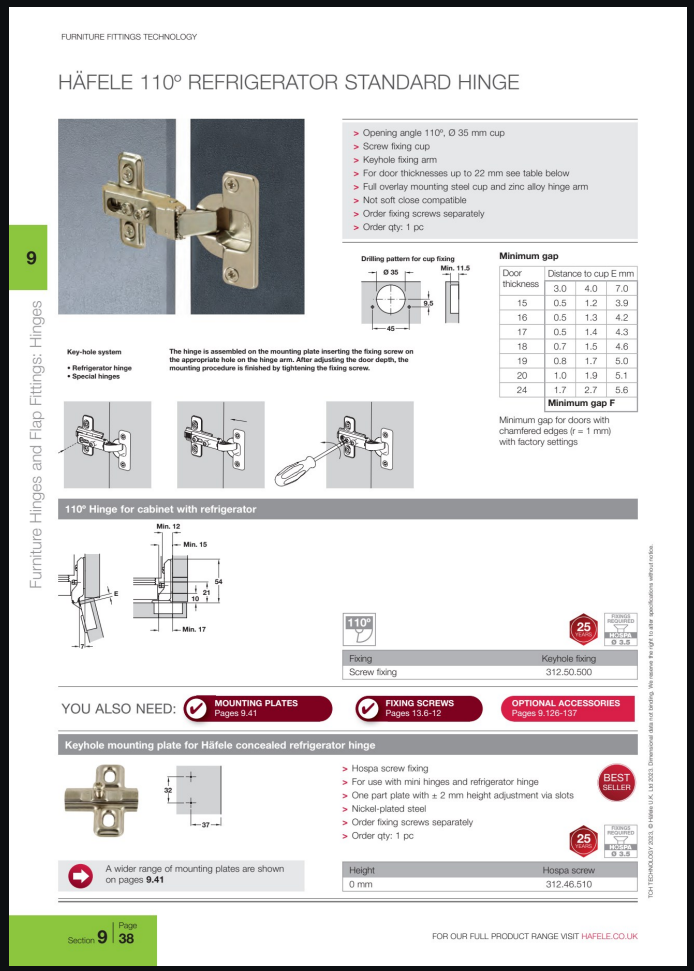
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
312.50.500	Refrigerator hinge	Use 9.38 cup-depth and mounting drawing
312.46.510	Compatible 0 mm mounting plate	37/32 mm cabinet datum

BEFORE MANUFACTURE

Source states front thickness up to 22 mm. Confirm appliance compatibility and required door gaps; add-on soft close is not compatible.

ORIGINAL HÄFELE SHEET / 9.38



FURNITURE FITTINGS TECHNOLOGY

HÄFELE 110° REFRIGERATOR STANDARD HINGE

9

Furniture Hinges and Flap Fittings: Hinges

> Opening angle 110°, Ø 35 mm cup
> Screw fixing cup
> Keyhole fixing arm
> For door thicknesses up to 22 mm see table below
> Full overlay mounting steel cup and zinc alloy hinge arm
> Not soft close compatible
> Order fixing screws separately
> Order qty: 1 pc

Drilling pattern for cup fixing

Minimum gap

Door thickness	Distance to cup E mm		
3.0	4.0	7.0
15	0.5	1.2	3.9
16	0.5	1.3	4.2
17	0.5	1.4	4.3
18	0.7	1.5	4.6
19	0.8	1.7	5.0
20	1.0	1.9	5.1
24	1.7	2.7	5.6
Minimum gap F			

Minimum gap for doors with chamfered edges (r = 1 mm) with factory settings

Key-hole system
• Refrigerator hinge
• Special hinges

The hinge is assembled on the mounting plate inserting the fixing screw on the appropriate hole on the hinge arm. After adjusting the door depth, the mounting procedure is finished by tightening the fixing screw.

110° Hinge for cabinet with refrigerator

Fixing	Keyhole fixing
Screw fixing	312.50.500

YOU ALSO NEED: MOUNTING PLATES Pages 9.41 | FIXING SCREWS Pages 13.6-12 | OPTIONAL ACCESSORIES Pages 9.126-137

Keyhole mounting plate for Häfele concealed refrigerator hinge

> Hospa screw fixing
> For use with mini hinges and refrigerator hinge
> One part plate with ± 2 mm height adjustment via slots
> Nickel-plated steel
> Order fixing screws separately
> Order qty: 1 pc

BEST SELLER

A wider range of mounting plates are shown on pages 9.41

Height	Hospa screw
0 mm	312.46.510

Section 9 | Page 38

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 9.38
Source PDF page(s): 536. Full-size sheets in offline edition.

Grass clamp-on glass door hinge

Wardrobe / Media wall

APPLICATION

Small glazed display doors without glass cup boring.

COMMON DRILLING / SETTING OUT

Direct glass clamp fixing; no glass drilling. Use the selected overlay or inset drawing and cabinet screw positions.

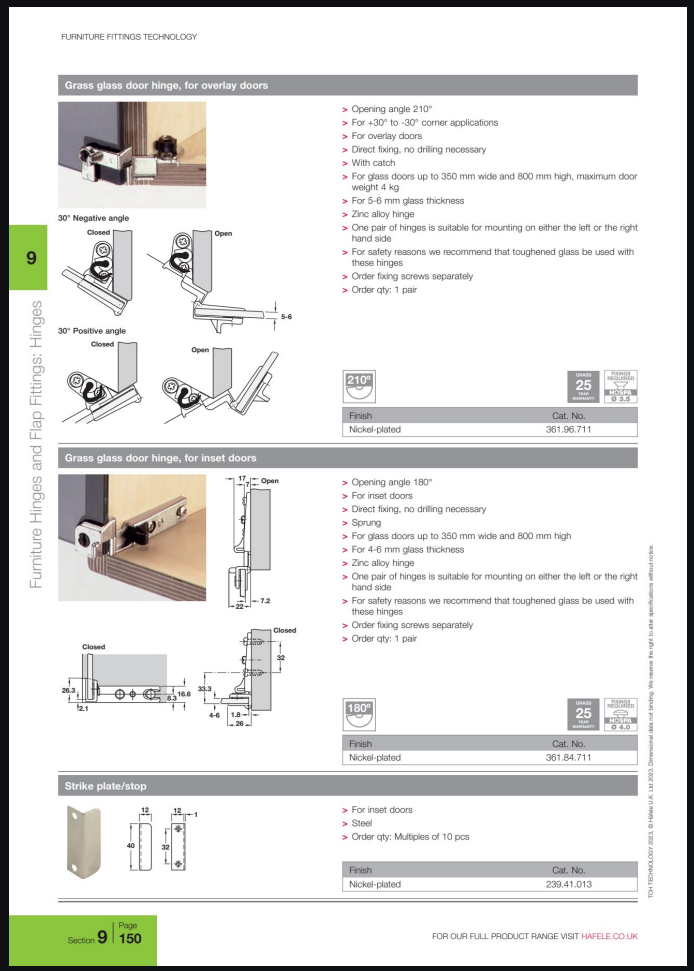
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
361.96.711	Overlay,210° opening	Glass 5-6 mm; max 350×800 mm and 4 kg door
361.84.711	Inset,180° opening	Use inset 4-6 mm glass drawing and its dimensional limits

BEFORE MANUFACTURE

Confirm glass and door limits for the selected version; source recommends toughened glass. Protect clamp contacts and trial fit.

ORIGINAL HÄFELE SHEET / 9.150



FURNITURE FITTINGS TECHNOLOGY

9

Furniture Hinges and Flap Fittings: Hinges

Grass glass door hinge, for overlay doors

> Opening angle 210°
> For +30° to -30° corner applications
> For overlay doors
> Direct fixing, no drilling necessary
> With catch
> For glass doors up to 350 mm wide and 800 mm high, maximum door weight 4 kg
> For 5-6 mm glass thickness
> Zinc alloy hinge
> One pair of hinges is suitable for mounting on either the left or the right hand side
> For safety reasons we recommend that toughened glass be used with these hinges
> Order fixing screws separately
> Order qty: 1 pair

30° Negative angle — Closed / Open — 5-6

30° Positive angle — Closed / Open

210°

Finish	Cat. No.
Nickel-plated	361.96.711

Grass glass door hinge, for inset doors

> Opening angle 180°
> For inset doors
> Direct fixing, no drilling necessary
> Sprung
> For glass doors up to 350 mm wide and 800 mm high
> For 4-6 mm glass thickness
> Zinc alloy hinge
> One pair of hinges is suitable for mounting on either the left or the right hand side
> For safety reasons we recommend that toughened glass be used with these hinges
> Order fixing screws separately
> Order qty: 1 pair

17 — Open — 22 — 7.2

Closed — 26.3 — 2.1 — 8.3 — 16.6

Closed — 33.3 — 32 — 4-6 — 1.8 — 26

180°

Finish	Cat. No.
Nickel-plated	361.84.711

Strike plate/stop

12 — 12 — 1 — 40 — 32

> For inset doors
> Steel
> Order qty: Multiples of 10 pcs

Finish	Cat. No.
Nickel-plated	239.41.013

Section 9 | Page 150

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 9.150
Source PDF page(s): 658. Full-size sheets in offline edition.

Tiomos 95° mini cup hinge

Wardrobe / Media wall

APPLICATION

Small doors or narrow timber frames where a35 mm cup is unsuitable.

COMMON DRILLING / SETTING OUT

CupØ26; use the mini-hinge screw pattern and edge/gap tables shown on 9.64. The printed drawing differs from the 45/9.5 caption; verify with the matching jig before machining.

Choose the compatible Tiomos mounting plate; do not mix with Metalla plates.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
348.25.500	With spring, no soft close	Ø26 mini cup; use exact mini pattern
348.25.300	Without spring	Same mini family; check catch/closing method

BEFORE MANUFACTURE

Drawing/caption inconsistency requires manufacturer confirmation of screw pattern and bore depth before drilling; trial fit at 24 mm or thicker door.

ORIGINAL HÄFELE SHEET / 9.64



FURNITURE FITTINGS TECHNOLOGY

GRASS TIOMOS 95° MINI HINGE

9

Furniture Hinges and Flap Fittings: Hinges

- Hinge for small doors and doors with narrow frames
- Opening angle 95°
- Ø 26 mm cup
- For door thickness up to 24 mm (for door thicknesses 24 mm and above, a trial fitting is recommended)
- Flat hinge arm
- Available with or without self-closing mechanism (spring)
- Click on arm
- 3-dimensional adjustment with appropriate mounting plate
- Without integrated damper
- Order fixing screws separately
- Order qty: 1 pc

Minimum gap

Door thickness	Distance to cup E mm			
	3.0	4.0	5.0	6.0
16	1.1	1.1	1.1	1.1
18	1.5	1.5	1.6	1.7
20	2.3	2.5	2.9	3.4
22	3.7	4.1	4.6	4.2
	Minimum gap F			

Drilling template 45/9.5 For screw fixing

Grass Tiomos 95° Mini hinge

Application example with 2 mm mounting plate shown - see table opposite for details

Door overlay mm							
	13	14	15	16	17	18	
			3	4	5	6	0
	3	4	5	6	7		2
Distance to cup E mm	Mounting plate distance mm						

Soft close	With spring	Without spring
Without	348.25.500	348.25.300

YOU ALSO NEED: MOUNTING PLATES Pages 9.80-82 | FIXING SCREWS Pages 13.6-12 | OPTIONAL ACCESSORIES Pages 9.87-88, 9.126-137

Grass Tiomos cruciform mounting plate, 4 point fixing

- For TIOMOS click on fixing hinges only
- Hospa screw fixing
- Two part plate with ± 2 mm height adjustment via worm screw
- Nickel-plated steel
- Order fixing screws separately
- Order qty: 1 pc

BEST SELLER

Height	Hospa screw
2 mm	348.38.512

A wider range of mounting plates are shown on pages 9.80-82

Section 9 | Page 64

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 9.64, 9.80
Source PDF page(s): 564, 580. Full-size sheets in offline edition.

Metalla mounting plate family

Kitchen / Wardrobe / Media wall

APPLICATION

Cabinet-side plates for compatible Metalla quick-fixing hinges.

COMMON DRILLING / SETTING OUT

Cruciform plate fixing line 37 mm from cabinet front,32 mm centres. Euro screw version usesØ5 series holes; HospaØ3.5 is screw size, not pilot diameter.

Height 0/2/4 mm changes overlay/gap. Select by hinge application table.

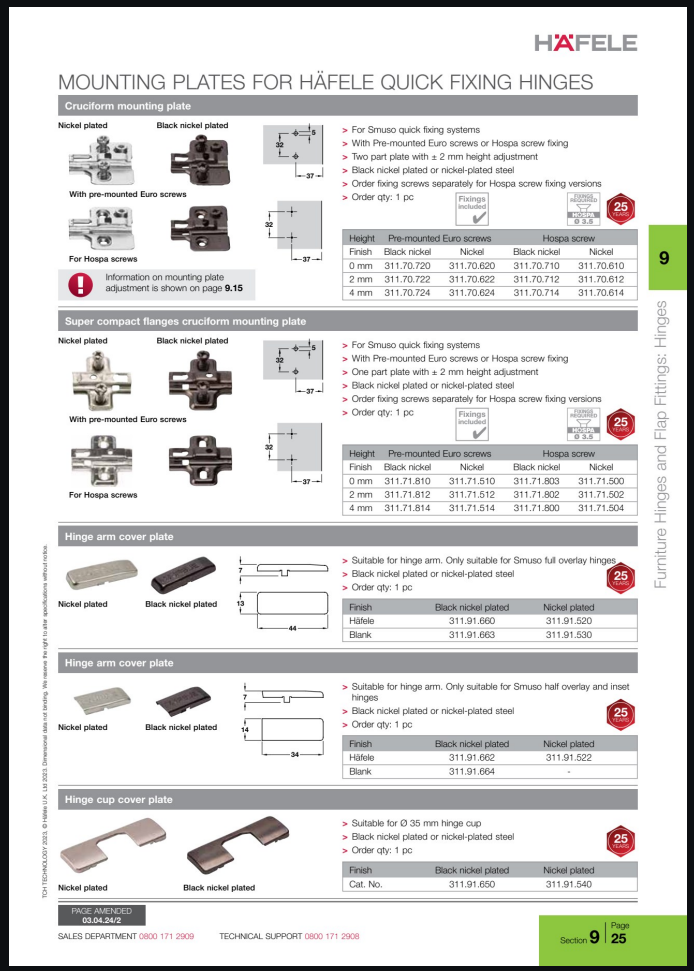
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
311.70.610 / 311.70.612 / 311.70.614	Nickel Hospa plate; height 0/2/4 mm	37 mm datum;32 mm fixing centres
311.70.620 / 311.70.622 / 311.70.624	Nickel pre-mounted Euro; height 0/2/4	Ø5 series holes on 37/32 layout
311.70.710 / 311.70.712 / 311.70.714	Black Hospa; height 0/2/4	Common cruciform layout
311.71.998	8 mm inset 155° plate	Use dedicated 9.26 plate detail

BEFORE MANUFACTURE

Verify hinge/plate compatibility, actual overlay and screw length; linear and post-hinge plates are not interchangeable.

ORIGINAL HÄFELE SHEET / 9.25



HÄFELE

MOUNTING PLATES FOR HÄFELE QUICK FIXING HINGES

Cruciform mounting plate

Nickel plated · Black nickel plated · With pre-mounted Euro screws · For Hospa screws

> For Smuso quick fixing systems
> With Pre-mounted Euro screws or Hospa screw fixing
> Two part plate with ± 2 mm height adjustment
> Black nickel plated or nickel-plated steel
> Order fixing screws separately for Hospa screw fixing versions
> Order qty: 1 pc

Fixings included · 25 each

Information on mounting plate adjustment is shown on page **9.15**

Height	Pre-mounted Euro screws		Hospa screw	
Finish	Black nickel	Nickel	Black nickel	Nickel
0 mm	311.70.720	311.70.620	311.70.710	311.70.610
2 mm	311.70.722	311.70.622	311.70.712	311.70.612
4 mm	311.70.724	311.70.624	311.70.714	311.70.614

Super compact flanges cruciform mounting plate

Nickel plated · Black nickel plated · With pre-mounted Euro screws · For Hospa screws

> For Smuso quick fixing systems
> With Pre-mounted Euro screws or Hospa screw fixing
> One part plate with ± 2 mm height adjustment
> Black nickel plated or nickel-plated steel
> Order fixing screws separately for Hospa screw fixing versions
> Order qty: 1 pc

Fixings included · 25 each

Height	Pre-mounted Euro screws		Hospa screw	
Finish	Black nickel	Nickel	Black nickel	Nickel
0 mm	311.71.810	311.71.510	311.71.803	311.71.500
2 mm	311.71.812	311.71.512	311.71.802	311.71.502
4 mm	311.71.814	311.71.514	311.71.800	311.71.504

Hinge arm cover plate

Nickel plated · Black nickel plated

> Suitable for hinge arm. Only suitable for Smuso full overlay hinges
> Black nickel plated or nickel-plated steel
> Order qty: 1 pc

25 each

Finish	Black nickel plated	Nickel plated
Häfele	311.91.660	311.91.520
Blank	311.91.663	311.91.530

Hinge arm cover plate

Nickel plated · Black nickel plated

> Suitable for hinge arm. Only suitable for Smuso half overlay and inset hinges
> Black nickel plated or nickel-plated steel
> Order qty: 1 pc

25 each

Finish	Black nickel plated	Nickel plated
Häfele	311.91.662	311.91.522
Blank	311.91.664	-

Hinge cup cover plate

Nickel plated · Black nickel plated

> Suitable for Ø 35 mm hinge cup
> Black nickel plated or nickel-plated steel
> Order qty: 1 pc

25 each

Finish	Black nickel plated	Nickel plated
Cat. No.	311.91.650	311.91.540

PAGE AMENDED 03.04.24/2

SALES DEPARTMENT 0800 171 2909 · TECHNICAL SUPPORT 0800 171 2908

Section 9 | Page 25

9 Furniture Hinges and Flap Fittings: Hinges

Häfele printed: 9.25, 9.26
Source PDF page(s): 519, 522. Full-size sheets in offline edition.

Free Space flap lift family

Kitchen / Wardrobe / Media wall

APPLICATION

Compact hinge-free one-piece lift-up doors; standard, push and heavy models grouped.

COMMON DRILLING / SETTING OUT

Source installation space starts at 173 mm height and 63 mm depth for the compact family. Select spring model from cabinet height and actual front weight.

For top K16 mm, X for front Y16/18/19/22/24/26/28 is 117/110/107/96/90/83/76 mm. Use the supplied side-panel template.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
372.27.350 / 372.27.351 / 372.27.352 / 372.27.353 / 372.27.354	1.11 anthracite B/C/D/E/F	Common compact template; choose weight/height band 9.200
372.27.355 / 372.27.356 / 372.27.357 / 372.27.358	1.8 push anthracite B/C/D/E	Push catchØ10×90 mm; exact weight band 9.201
372.27.321 / 372.27.322	6.15 anthracite G/H	Heavy-front band 9.202; use included drilling template

BEFORE MANUFACTURE

Confirm strength from the full height/weight table, not a single maximum load.

COMPANION PARTS

Front brackets and template in set; aluminium-frame screw set 372.27.600 when applicable.

ORIGINAL HÄFELE SHEET / 9.200



FURNITURE FITTINGS TECHNOLOGY

9

Furniture Hinges and Flap Fittings; Flap Fittings and Stays

Free Space 1.11 complete set

- For one-piece flaps made of wood or with aluminium frame, from frame width 45 mm
- Area of application: For standard stay flap applications with front height up to 650 mm
- Opening angle: 90° or 107°
- Installation: Fitting for screw fixing with pre-mounted Euro screw, front panel fixing without tools, for sliding onto pre-mounted fixing screws
- Adjustment facility: Height ±2mm, side ±1.5 mm, tilting angle ±2 mm, holding power
- Set includes:
  1 stay flap fitting set (1 piece each left/right)
  4 fixing screws for front panel
  1 set of installation instructions with paper drilling template for side panel
- Material: Plastic housing, steel front fixing bracket and support lever
- Finish/colour: Nickel plated front fixing bracket and support lever. White, light grey or anthracite housing
- Order qty: 1 set

Sample measurments table for selecting the right model based on cabinet height and flap weight

Model Häfele Free Space 1.11	B	C	D	E	F
Cabinet height mm	Flap weight kg				
225	2.3-4.3	3.8-7.1	6.4-9.3	9.2-13.4	13.4-19.1
250	1.9-3.9	3.4-6.4	5.8-9.1	8.3-12.6	12.1-17.2
275	1.9-3.5	3.1-5.8	5.3-8.2	7.5-12.0	11.0-15.6
300	1.7-3.2	2.8-5.3	4.8-7.5	6.9-11.0	10.1-14.3
325	1.6-3.0	2.6-4.9	4.4-7.0	6.4-10.2	9.3-13.2
350	1.5-2.8	2.4-4.6	4.1-6.5	5.9-9.5	8.6-12.3
375	1.3-2.6	2.2-4.3	3.8-6.0	5.5-8.8	8.1-11.4
400	1.2-2.4	2.1-4.0	3.6-5.6	5.2-8.3	7.6-10.7
425	1.1-2.3	2.0-3.8	3.4-5.3	4.9-7.8	7.1-10.1
450	1.0-2.1	1.9-3.5	3.2-5.0	4.6-7.3	6.7-9.5
475	1.0-2.0	1.8-3.4	3.0-4.7	4.3-7.0	6.4-9.0
500	0.9-1.9	1.7-3.2	2.9-4.5	4.1-6.6	6.0-8.6
525	0.9-1.8	1.6-3.0	2.7-4.3	3.9-6.3	5.7-8.2
550	0.8-1.7	1.5-2.9	2.6-4.1	3.7-6.0	5.5-7.8
575	0.8-1.7	1.4-2.8	2.5-3.9	3.6-5.7	5.2-7.4
600	0.8-1.6	1.4-2.7	2.4-3.7	3.4-5.5	5.0-7.1
625	0.7-1.5	1.3-2.5	2.3-3.6	3.3-5.3	4.8-6.8
650	0.7-1.5	1.3-2.4	2.2-3.5	3.2-5.1	4.6-6.6

Planning

Front panel thickness Y mm	16	18	19	22	24	26	28
Distance X mm (with cabinet top panel thickness K=16 mm)	117	110	107	96	90	83	76

Model	White	Light grey	Anthracite
B	372.27.700	372.27.500	372.27.350
C	372.27.701	372.27.501	372.27.351
D	372.27.702	372.27.502	372.27.352
E	372.27.703	372.27.503	372.27.353
F	372.27.704	372.27.504	372.27.354

Please order suitable screw set 372.27.600 for aluminium frame front panels from frame width 45 mm. Shown on page **9.224**

- The choice of the stay flap fitting for front panels with handle depends on the cabinet height and flap weight including handle
- Model selection see sample measurements table. We recommend to use the stronger fitting model when in doubt

Section 9 | Page 200

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 9.198, 9.200, 9.201, 9.202
Source PDF page(s): 710, 712, 713, 714. Full-size sheets in offline edition.

Free Flap lift family

Kitchen / Wardrobe / Media wall

APPLICATION

Hinge-free one-piece lift-up fronts, smaller 1.7 and larger 3.15 grouped.

COMMON DRILLING / SETTING OUT

System 32/37 cabinet layout; source cabinet boreØ5×12. Use the separate front-panel pattern and X table for actual front thickness.

For 3.15 with K16: Y16/19/22/26/28 gives X83/74/64/52/46 mm. Opening 90° or 107°.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
372.91.330 / 372.91.331	3.15 grey D/E	Height 350-650 mm; select mass band on 9.206
372.91.332 / 372.91.333	3.15 grey F/G	Same pattern; stronger mass bands, not extra families

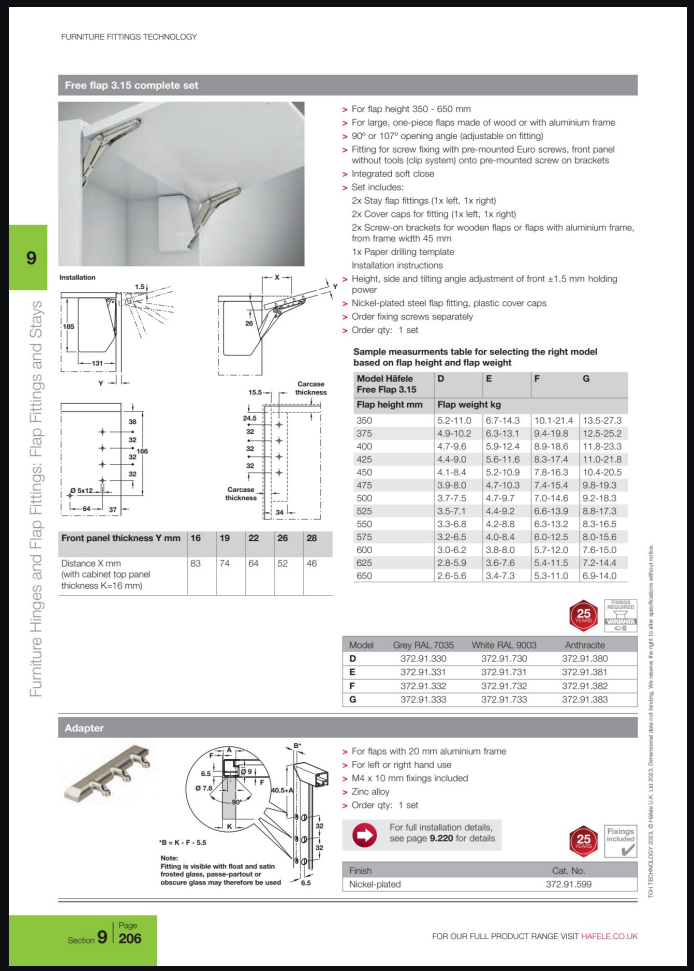
BEFORE MANUFACTURE

See 9.205 for smaller 1.7 articles; match strength to actual front weight/height. Verify paper template before drilling.

COMPANION PARTS

Matching brackets; optional handle-free catch 9.208.

ORIGINAL HÄFELE SHEET / 9.206



FURNITURE FITTINGS TECHNOLOGY

9

Furniture Hinges and Flap Fittings; Flap Fittings and Stays

Free flap 3.15 complete set

- For flap height 350 - 650 mm
- For large, one-piece flaps made of wood or with aluminium frame
- 90° or 107° opening angle (adjustable on fitting)
- Fitting for screw fixing with pre-mounted Euro screws, front panel without tools (clip system) onto pre-mounted screw on brackets
- Integrated soft close
- Set includes:
  2x Stay flap fittings (1x left, 1x right)
  2x Cover caps for fitting (1x left, 1x right)
  2x Screw-on brackets for wooden flaps or flaps with aluminium frame, from frame width 45 mm
  1x Paper drilling template
  Installation instructions
- Height, side and tilting angle adjustment of front ±1.5 mm holding power
- Nickel-plated steel flap fitting, plastic cover caps
- Order fixing screws separately
- Order qty: 1 set

Installation

Sample measurments table for selecting the right model based on flap height and flap weight

Model Häfele Free Flap 3.15	D	E	F	G
Flap height mm	Flap weight kg			
350	5.2-11.0	6.7-14.3	10.1-21.4	13.5-27.3
375	4.9-10.2	6.3-13.1	9.4-19.8	12.5-25.2
400	4.7-9.6	5.9-12.4	8.9-18.6	11.8-23.3
425	4.4-9.0	5.6-11.6	8.3-17.4	11.0-21.8
450	4.1-8.4	5.2-10.9	7.8-16.3	10.4-20.5
475	3.9-8.0	4.7-10.3	7.4-15.4	9.8-19.3
500	3.7-7.5	4.7-9.7	7.0-14.6	9.2-18.3
525	3.5-7.1	4.4-9.2	6.6-13.9	8.8-17.3
550	3.3-6.8	4.2-8.8	6.3-13.2	8.3-16.5
575	3.2-6.5	4.0-8.4	6.0-12.5	8.0-15.6
600	3.0-6.2	3.8-8.0	5.7-12.0	7.6-15.0
625	2.8-5.9	3.6-7.6	5.4-11.5	7.2-14.4
650	2.6-5.6	3.4-7.3	5.3-11.0	6.9-14.0

Front panel thickness Y mm	16	19	22	26	28
Distance X mm (with cabinet top panel thickness K=16 mm)	83	74	64	52	46

Model	Grey RAL 7035	White RAL 9003	Anthracite
D	372.91.330	372.91.730	372.91.380
E	372.91.331	372.91.731	372.91.381
F	372.91.332	372.91.732	372.91.382
G	372.91.333	372.91.733	372.91.383

Adapter

- For flaps with 20 mm aluminium frame
- For left or right hand use
- M4 x 10 mm fixings included
- Zinc alloy
- Order qty: 1 set

For full installation details, see page 9.220 for details

Finish	Cat. No.
Nickel-plated	372.91.599

*B = K - F - 5.5

Note:
Fitting is visible with float and satin frosted glass, passe-partout or obscure glass may therefore be used

TCH TECHNOLOGY 2023. © Häfele U.K. Ltd 2023. Dimensional data not binding. We reserve the right to alter specifications without notice.

Häfele printed: 9.204, 9.205, 9.206
Source PDF page(s): 716, 717, 718. Full-size sheets in offline edition.

Free Fold bi-fold lift

Kitchen / Wardrobe / Media wall

APPLICATION

Two-piece 1:1 folding lift front with reduced projection into room.

COMMON DRILLING / SETTING OUT

Source cabinet patternØ5×12; minimum installation depth>270 mm in drawing. Use source KH/A1/A2/X/K geometry and front-bracket detail.

Set equal power adjustment left/right with PZ 2 at low speed. Requires top and centre hinges/brackets.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
372.38.542 / 372.38.543 / 372.38.544	Cabinet 650-730 mm; grey	Weight 3.7-7.4 /7.0-11.8 /10.2-17.2 kg; same height geometry
372.38.552 / 372.38.553 / 372.38.554	Cabinet 710-790 mm; grey	Weight 3.6-6.2 /6.1-10.8 /8.5-14.4 kg; use this KH row

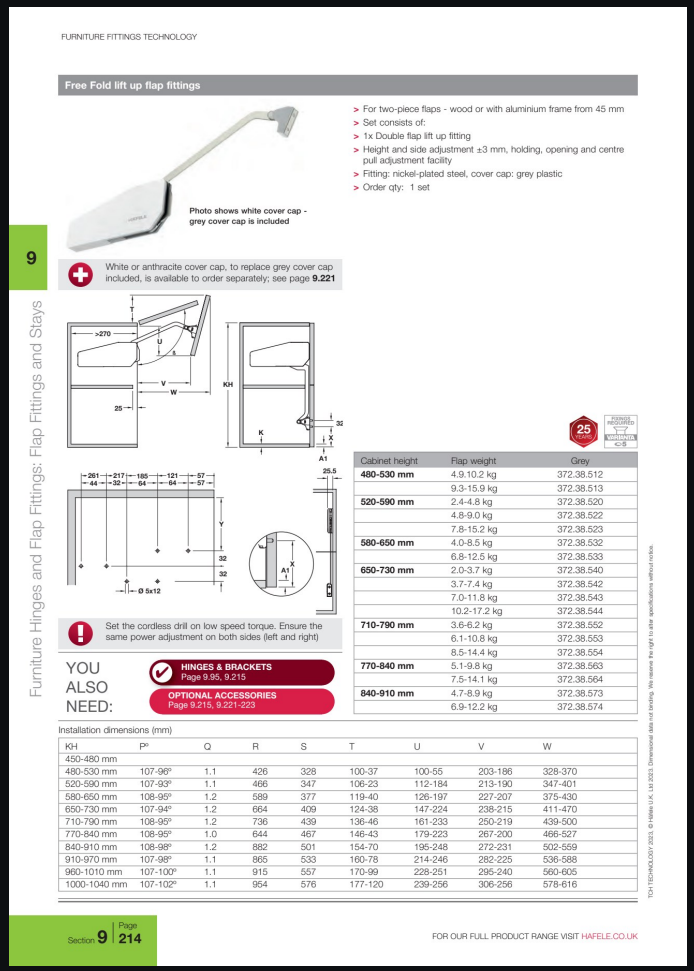
BEFORE MANUFACTURE

Selected height bands shown; other bands remain on source page. Include all hinges and verify fold clearances.

COMPANION PARTS

110° concealed top hinges; centre hinge and front brackets per 9.215.

ORIGINAL HÄFELE SHEET / 9.214



FURNITURE FITTINGS TECHNOLOGY

Free Fold lift up flap fittings

- For two-piece flaps - wood or with aluminium frame from 45 mm
- Set consists of:
- 1x Double flap lift up fitting
- Height and side adjustment ±3 mm, holding, opening and centre pull adjustment facility
- Fitting: nickel-plated steel, cover cap: grey plastic
- Order qty: 1 set

Photo shows white cover cap - grey cover cap is included

White or anthracite cover cap, to replace grey cover cap included, is available to order separately; see page **9.221**

9

Furniture Hinges and Flap Fittings; Flap Fittings and Stays

Set the cordless drill on low speed torque. Ensure the same power adjustment on both sides (left and right)

YOU ALSO NEED:

HINGES & BRACKETS Page 9.95, 9.215

OPTIONAL ACCESSORIES Page 9.215, 9.221-223

Cabinet height	Flap weight	Grey
480-530 mm	4.9-10.2 kg	372.38.512
	9.3-15.9 kg	372.38.513
520-590 mm	2.4-4.8 kg	372.38.520
	4.8-9.0 kg	372.38.522
	7.8-15.2 kg	372.38.523
580-650 mm	4.0-8.5 kg	372.38.532
	6.8-12.5 kg	372.38.533
650-730 mm	2.0-3.7 kg	372.38.540
	3.7-7.4 kg	372.38.542
	7.0-11.8 kg	372.38.543
	10.2-17.2 kg	372.38.544
710-790 mm	3.6-6.2 kg	372.38.552
	6.1-10.8 kg	372.38.553
	8.5-14.4 kg	372.38.554
770-840 mm	5.1-9.8 kg	372.38.563
	7.5-14.1 kg	372.38.564
840-910 mm	4.7-8.9 kg	372.38.573
	6.9-12.2 kg	372.38.574

Installation dimensions (mm)

KH	P°	Q	R	S	T	U	V	W
450-480 mm								
480-530 mm	107-96°	1.1	426	328	100-37	100-55	203-186	328-370
520-590 mm	107-93°	1.1	466	347	106-23	112-184	213-190	347-401
580-650 mm	108-95°	1.2	589	377	119-40	126-197	227-207	375-430
650-730 mm	107-94°	1.2	664	409	124-38	147-224	238-215	411-470
710-790 mm	108-95°	1.2	736	439	136-46	161-233	250-219	439-500
770-840 mm	108-95°	1.0	644	467	146-43	179-223	267-200	466-527
840-910 mm	108-98°	1.2	882	501	154-70	195-248	272-231	502-559
910-970 mm	107-98°	1.1	865	533	160-78	214-246	282-225	536-588
960-1010 mm	107-100°	1.1	915	557	170-99	228-251	295-240	560-605
1000-1040 mm	107-102°	1.1	954	576	177-120	239-256	306-256	578-616

Section 9 | Page 214

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 9.212, 9.214, 9.215
Source PDF page(s): 724, 726, 727. Full-size sheets in offline edition.

Free Up parallel lift

Kitchen / Wardrobe / Media wall

APPLICATION

Front rises parallel to cabinet, useful for appliance niches and cabinets below other fronts.

COMMON DRILLING / SETTING OUT

Cross rail cut length=internal cabinet width-88 mm for mechanical system. Use selected cabinet-height row for D/U/HH/T/V dimensions.

Source minimum depth≥277 mm; use full template for front and side drilling.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
372.33.520 / 372.33.521 / 372.33.522 / 372.33.523	Cabinet 380-500 mm; grey	Front≥343 mm; weight 2.0-3.8 /3.4-6.7 /6.3-11.8 /9.3-17.4 kg
372.33.530 / 372.33.531 / 372.33.532 / 372.33.533	Cabinet 430-600 mm; grey	Front≥388 mm; weight 1.6-3.3 /2.6-5.5 /5.0-9.7 /7.4-14.6 kg

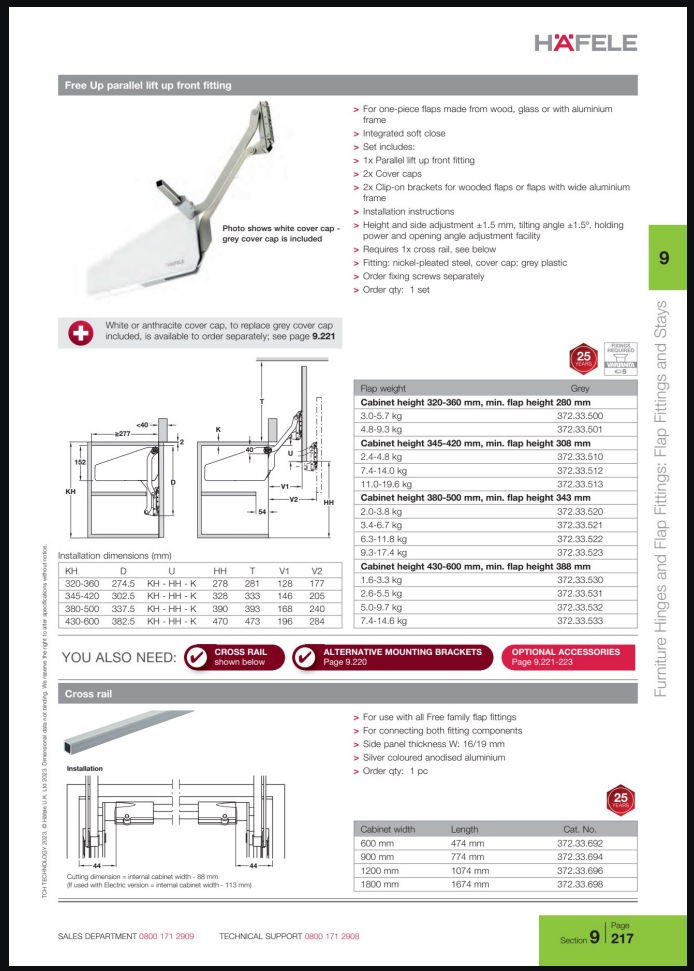
BEFORE MANUFACTURE

Check overhead rise envelope and full geometry table.

COMPANION PARTS

Cross rail required separately; example 600 mm cabinet rail 372.33.692, cut to actual internal width.

ORIGINAL HÄFELE SHEET / 9.217



HÄFELE

Free Up parallel lift up front fitting

> For one-piece flaps made from wood, glass or with aluminium frame
> Integrated soft close
> Set includes:
> 1x Parallel lift up front fitting
> 2x Cover caps
> 2x Clip-on brackets for wooded flaps or flaps with wide aluminium frame
> Installation instructions
> Height and side adjustment ±1.5 mm, tilting angle ±1.5°, holding power and opening angle adjustment facility
> Requires 1x cross rail, see below
> Fitting: nickel-pleated steel, cover cap: grey plastic
> Order fixing screws separately
> Order qty: 1 set

Photo shows white cover cap - grey cover cap is included

White or anthracite cover cap, to replace grey cover cap included, is available to order separately; see page 9.221

Flap weight	Grey
Cabinet height 320-360 mm, min. flap height 280 mm	
3.0-5.7 kg	372.33.500
4.8-9.3 kg	372.33.501
Cabinet height 345-420 mm, min. flap height 308 mm	
2.4-4.8 kg	372.33.510
7.4-14.0 kg	372.33.512
11.0-19.6 kg	372.33.513
Cabinet height 380-500 mm, min. flap height 343 mm	
2.0-3.8 kg	372.33.520
3.4-6.7 kg	372.33.521
6.3-11.8 kg	372.33.522
9.3-17.4 kg	372.33.523
Cabinet height 430-600 mm, min. flap height 388 mm	
1.6-3.3 kg	372.33.530
2.6-5.5 kg	372.33.531
5.0-9.7 kg	372.33.532
7.4-14.6 kg	372.33.533

Installation dimensions (mm)

KH	D	U	HH	T	V1	V2
320-360	274.5	KH - HH - K	278	281	128	177
345-420	302.5	KH - HH - K	328	333	146	205
380-500	337.5	KH - HH - K	390	393	168	240
430-600	382.5	KH - HH - K	470	473	196	284

YOU ALSO NEED: CROSS RAIL shown below | ALTERNATIVE MOUNTING BRACKETS Page 9.220 | OPTIONAL ACCESSORIES Page 9.221-223

Cross rail

> For use with all Free family flap fittings
> For connecting both fitting components
> Side panel thickness W: 16/19 mm
> Silver coloured anodised aluminium
> Order qty: 1 pc

Installation

Cutting dimension = internal cabinet width - 88 mm
(if used with Electric version = internal cabinet width - 113 mm)

Cabinet width	Length	Cat. No.
600 mm	474 mm	372.33.692
900 mm	774 mm	372.33.694
1200 mm	1074 mm	372.33.696
1800 mm	1674 mm	372.33.698

SALES DEPARTMENT 0800 171 2909 TECHNICAL SUPPORT 0800 171 2908

Section 9 | Page 217

9

Furniture Hinges and Flap Fittings; Flap Fittings and Stays

Häfele printed: 9.216, 9.217
Source PDF page(s): 728, 729. Full-size sheets in offline edition.

Free Swing lift over cabinet

Kitchen / Wardrobe / Media wall

APPLICATION

Front swings up and over cornice or surface lighting, with full cabinet access.

COMMON DRILLING / SETTING OUT

Mechanical cross rail cut=internal cabinet width-88 mm. Source minimum depth≥273 mm; overhead/rear envelope must be checked.

Use the cabinet-height-dependent weight matrix, not just the model headline weight.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
372.34.500 / 372.34.501	S1 / S4	Read actual height row;S1 small band,S4 medium band
372.34.521 / 372.34.512 / 372.34.522	S6 / S8 / S9	Use matching 670-800 or 500-670 height matrix as applicable

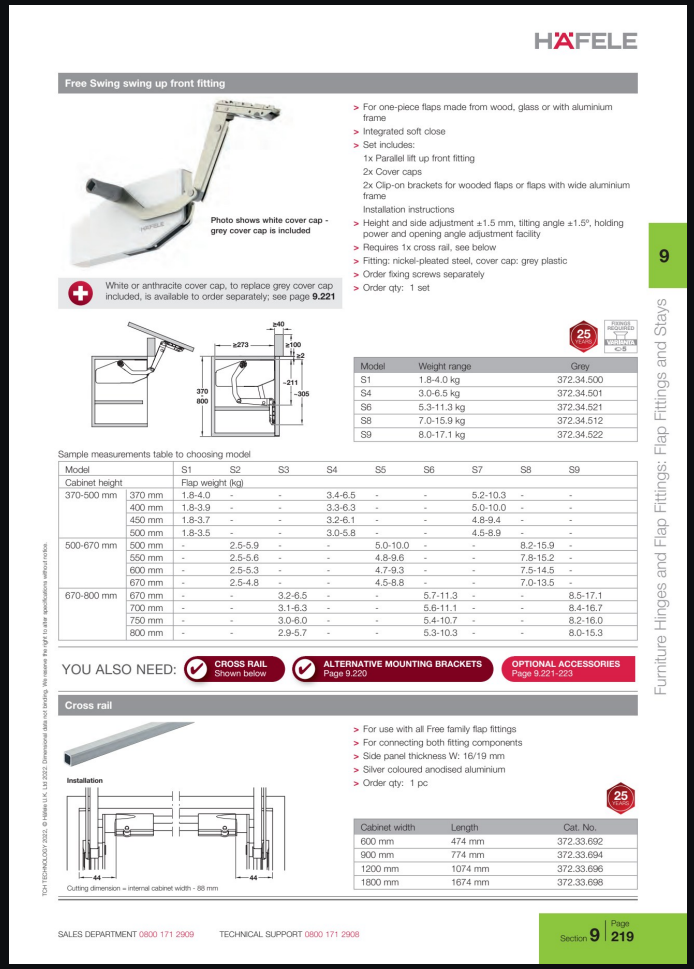
BEFORE MANUFACTURE

Confirm model availability and permitted height/weight pairing from source; allow swing path clear of ceiling and fittings.

COMPANION PARTS

Cross rail ordered separately; appropriate front brackets.

ORIGINAL HÄFELE SHEET / 9.219



HÄFELE

Free Swing swing up front fitting

> For one-piece flaps made from wood, glass or with aluminium frame
> Integrated soft close
> Set includes:
1x Parallel lift up front fitting
2x Cover caps
2x Clip-on brackets for wooded flaps or flaps with wide aluminium frame
Installation instructions
> Height and side adjustment ±1.5 mm, tilting angle ±1.5°, holding power and opening angle adjustment facility
> Requires 1x cross rail, see below
> Fitting: nickel-pleated steel, cover cap: grey plastic
> Order fixing screws separately
> Order qty: 1 set

Photo shows white cover cap - grey cover cap is included

White or anthracite cover cap, to replace grey cover cap included, is available to order separately; see page 9.221

Model	Weight range	Grey
S1	1.8-4.0 kg	372.34.500
S4	3.0-6.5 kg	372.34.501
S6	5.3-11.3 kg	372.34.521
S8	7.0-15.9 kg	372.34.512
S9	8.0-17.1 kg	372.34.522

Sample measurements table to choosing model

Model		S1	S2	S3	S4	S5	S6	S7	S8	S9
Cabinet height		Flap weight (kg)								
370-500 mm	370 mm	1.8-4.0	-	-	3.4-6.5	-	-	5.2-10.3	-	-
	400 mm	1.8-3.9	-	-	3.3-6.3	-	-	5.0-10.0	-	-
	450 mm	1.8-3.7	-	-	3.2-6.1	-	-	4.8-9.4	-	-
	500 mm	1.8-3.5	-	-	3.0-5.8	-	-	4.5-8.9	-	-
500-670 mm	500 mm	-	2.5-5.9	-	-	5.0-10.0	-	-	8.2-15.9	-
	550 mm	-	2.5-5.6	-	-	4.8-9.6	-	-	7.8-15.2	-
	600 mm	-	2.5-5.3	-	-	4.7-9.3	-	-	7.5-14.5	-
	670 mm	-	2.5-4.8	-	-	4.5-8.8	-	-	7.0-13.5	-
670-800 mm	670 mm	-	-	3.2-6.5	-	-	5.7-11.3	-	-	8.5-17.1
	700 mm	-	-	3.1-6.3	-	-	5.6-11.1	-	-	8.4-16.7
	750 mm	-	-	3.0-6.0	-	-	5.4-10.7	-	-	8.2-16.0
	800 mm	-	-	2.9-5.7	-	-	5.3-10.3	-	-	8.0-15.3

YOU ALSO NEED: CROSS RAIL Shown below | ALTERNATIVE MOUNTING BRACKETS Page 9.220 | OPTIONAL ACCESSORIES Page 9.221-223

Cross rail

> For use with all Free family flap fittings
> For connecting both fitting components
> Side panel thickness W: 16/19 mm
> Silver coloured anodised aluminium
> Order qty: 1 pc

Installation

Cutting dimension = internal cabinet width - 88 mm

Cabinet width	Length	Cat. No.
600 mm	474 mm	372.33.692
900 mm	774 mm	372.33.694
1200 mm	1074 mm	372.33.696
1800 mm	1674 mm	372.33.698

SALES DEPARTMENT 0800 171 2909 TECHNICAL SUPPORT 0800 171 2908

Section 9 | Page 219

9

Furniture Hinges and Flap Fittings; Flap Fittings and Stays

Häfele printed: 9.218, 9.219
Source PDF page(s): 730, 731. Full-size sheets in offline edition.

Maxi adjustable lift stay

Kitchen / Wardrobe / Media wall

APPLICATION

Power-assisted lift flap using separate door hinges.

COMMON DRILLING / SETTING OUT

Opening 75°/90°/110° determined by bracket layout.37 mm cabinet edge distance for listed wood/wide-frame articles;32 mm bracket centres.

Use angle-specific 9.236 layout, not the 75° example for every opening. Holding power adjusts with SW 10.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
373.69.512 / 373.69.412	ModelA / B	Same fixing family; select power from front geometry
373.69.712 / 373.69.312	ModelC / D	Stronger power models; verify model-selection chart

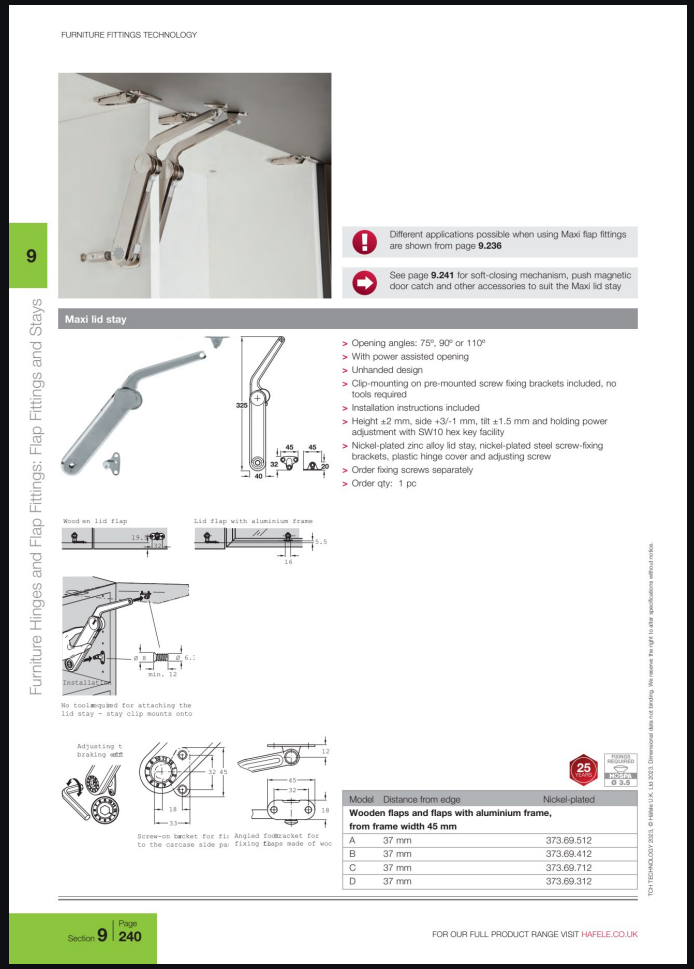
BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

COMPANION PARTS

Separate suitable hinges; mounting brackets included; optional damping/catch 9.241.

ORIGINAL HÄFELE SHEET / 9.240


FURNITURE FITTINGS TECHNOLOGY

9

Furniture Hinges and Flap Fittings; Flap Fittings and Stays

Different applications possible when using Maxi flap fittings are shown from page **9.236**

See page **9.241** for soft-closing mechanism, push magnetic door catch and other accessories to suit the Maxi lid stay

Maxi lid stay

- Opening angles: 75°, 90° or 110°
- With power assisted opening
- Unhanded design
- Clip-mounting on pre-mounted screw fixing brackets included, no tools required
- Installation instructions included
- Height ±2 mm, side +3/-1 mm, tilt ±1.5 mm and holding power adjustment with SW10 hex key facility
- Nickel-plated zinc alloy lid stay, nickel-plated steel screw-fixing brackets, plastic hinge cover and adjusting screw
- Order fixing screws separately
- Order qty: 1 pc

Model	Distance from edge	Nickel-plated
Wooden flaps and flaps with aluminium frame, from frame width 45 mm		
A	37 mm	373.69.512
B	37 mm	373.69.412
C	37 mm	373.69.712
D	37 mm	373.69.312

Section 9 | Page 240

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 9.235, 9.236, 9.240
Source PDF page(s): 747, 748, 752. Full-size sheets in offline edition.

Duo friction lid/flap stay

Kitchen / Wardrobe / Media wall

APPLICATION

Compact stay that can act as upward lid support or controlled drop flap.

COMMON DRILLING / SETTING OUT

Select 75°/90°/110° source bracket arrangement and locking/braking function. Brackets on 32 mm centres; side datum depends on article.

SW 4 adjusts holding power. Drop-down use requires two fittings and the source magnet arrangement.

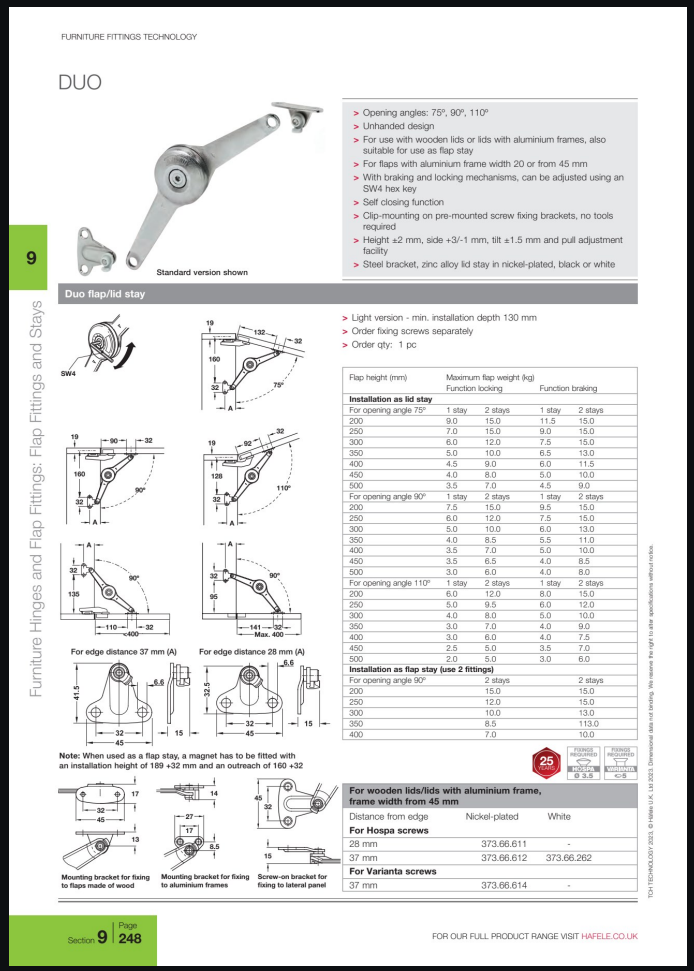
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
373.66.611	Hospa,28 mm edge distance	Use A28 bracket layout
373.66.612 / 373.66.262	Hospa,37 mm; nickel / white	Use A37 layout
373.66.614	Varianta,37 mm	Use series-hole fixing rather than Hospa pilot assumption

BEFORE MANUFACTURE

Select load from height/angle/one-or-two-stay table; do not use one stay where the flap-stay layout requires two.

ORIGINAL HÄFELE SHEET / 9.248



FURNITURE FITTINGS TECHNOLOGY

DUO

9

Furniture Hinges and Flap Fittings; Flap Fittings and Stays

Standard version shown

> Opening angles: 75°, 90°, 110°
> Unhanded design
> For use with wooden lids or lids with aluminium frames, also suitable for use as flap stay
> For flaps with aluminium frame width 20 or from 45 mm
> With braking and locking mechanisms, can be adjusted using an SW4 hex key
> Self closing function
> Clip-mounting on pre-mounted screw fixing brackets, no tools required
> Height ±2 mm, side +3/-1 mm, tilt ±1.5 mm and pull adjustment facility
> Steel bracket, zinc alloy lid stay in nickel-plated, black or white

Duo flap/lid stay

> Light version - min. installation depth 130 mm
> Order fixing screws separately
> Order qty: 1 pc

Flap height (mm)	Maximum flap weight (kg) Function locking		Function braking	
Installation as lid stay				
For opening angle 75°	1 stay	2 stays	1 stay	2 stays
200	9.0	15.0	11.5	15.0
250	7.0	15.0	9.0	15.0
300	6.0	12.0	7.5	15.0
350	5.0	10.0	6.5	13.0
400	4.5	9.0	6.0	11.5
450	4.0	8.0	5.0	10.0
500	3.5	7.0	4.5	9.0
For opening angle 90°	1 stay	2 stays	1 stay	2 stays
200	7.5	15.0	9.5	15.0
250	6.0	12.0	7.5	15.0
300	5.0	10.0	6.0	13.0
350	4.0	8.5	5.5	11.0
400	3.5	7.0	5.0	10.0
450	3.5	6.5	4.0	8.5
500	3.0	6.0	4.0	8.0
For opening angle 110°	1 stay	2 stays	1 stay	2 stays
200	6.0	12.0	8.0	15.0
250	5.0	9.5	6.0	12.0
300	4.0	8.0	5.0	10.0
350	3.0	7.0	4.0	9.0
400	3.0	6.0	4.0	7.5
450	2.5	5.0	3.5	7.0
500	2.0	5.0	3.0	6.0
Installation as flap stay (use 2 fittings)				
For opening angle 90°		2 stays		2 stays
200		15.0		15.0
250		12.0		15.0
300		10.0		13.0
350		8.5		113.0
400		7.0		10.0

For edge distance 37 mm (A)

For edge distance 28 mm (A)

Note: When used as a flap stay, a magnet has to be fitted with an installation height of 189 +32 mm and an outreach of 160 +32

For wooden lids/lids with aluminium frame, frame width from 45 mm		
Distance from edge	Nickel-plated	White
For Hospa screws		
28 mm	373.66.611	-
37 mm	373.66.612	373.66.262
For Varianta screws		
37 mm	373.66.614	-

Mounting bracket for fixing to flaps made of wood

Mounting bracket for fixing to aluminium frames

Screw-on bracket for fixing to lateral panel

Section 9 | Page 248

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 9.247, 9.248
Source PDF page(s): 759, 760. Full-size sheets in offline edition.

K12 adjustable drop-down stay

Kitchen / Media wall

APPLICATION

Controlled downward-opening cabinet flap, with handle or push-to-open.

COMMON DRILLING / SETTING OUT

32 mm bracket hole system; approximately 90° opening. Travel adjustment±3 mm. Source front<600 mm and<13 kg; confirm configuration.

A/B/C/D/E below refer to source diagram datums, not distances interchangeable with other stays.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
365.60.711	164 mm	Handle A39 B37 C158 D>180 E39; push A41 B52 C147 D>170 E41
365.60.712	244 mm	Handle A76 B37 C230 D>250 E76; push A71 B52 C224 D>245 E71
365.60.713	355 mm	Handle A127 B37 C330 D>350 E127; push A121 B52 C325 D>345 E121

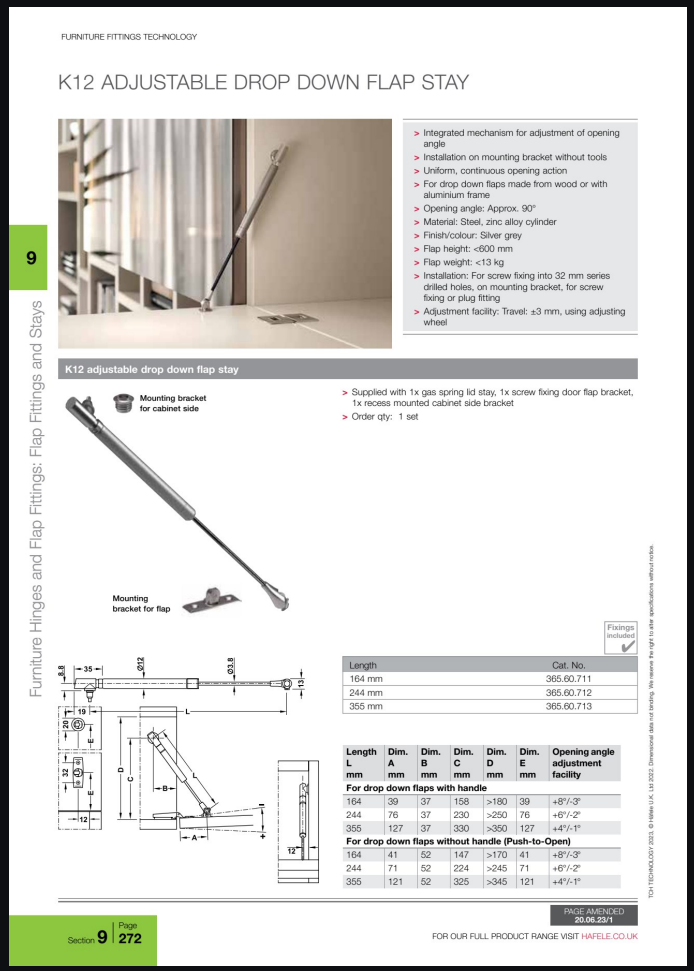
BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

COMPANION PARTS

Flap hinges and closing/catch selection; bracket set included.

ORIGINAL HÄFELE SHEET / 9.272



FURNITURE FITTINGS TECHNOLOGY

K12 ADJUSTABLE DROP DOWN FLAP STAY

9

Furniture Hinges and Flap Fittings; Flap Fittings and Stays

- Integrated mechanism for adjustment of opening angle
- Installation on mounting bracket without tools
- Uniform, continuous opening action
- For drop down flaps made from wood or with aluminium frame
- Opening angle: Approx. 90°
- Material: Steel, zinc alloy cylinder
- Finish/colour: Silver grey
- Flap height: <600 mm
- Flap weight: <13 kg
- Installation: For screw fixing into 32 mm series drilled holes, on mounting bracket, for screw fixing or plug fitting
- Adjustment facility: Travel: ±3 mm, using adjusting wheel

K12 adjustable drop down flap stay

Mounting bracket for cabinet side

Mounting bracket for flap

- Supplied with 1x gas spring lid stay, 1x screw fixing door flap bracket, 1x recess mounted cabinet side bracket
- Order qty: 1 set

Fixings included

Length	Cat. No.
164 mm	365.60.711
244 mm	365.60.712
355 mm	365.60.713

Length L mm	Dim. A mm	Dim. B mm	Dim. C mm	Dim. D mm	Dim. E mm	Opening angle adjustment facility
For drop down flaps with handle						
164	39	37	158	>180	39	+8°/-3°
244	76	37	230	>250	76	+6°/-2°
355	127	37	330	>350	127	+4°/-1°
For drop down flaps without handle (Push-to-Open)						
164	41	52	147	>170	41	+8°/-3°
244	71	52	224	>245	71	+6°/-2°
355	121	52	325	>345	121	+4°/-1°

PAGE AMENDED 20.06.23/1

Section 9 | Page 272

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 9.272
Source PDF page(s): 786. Full-size sheets in offline edition.

Matrix Runner UM A concealed runner

Kitchen / Wardrobe / Media wall

APPLICATION

Concealed full-extension timber drawer runner; soft-close and push variants grouped.

COMMON DRILLING / SETTING OUT

30 kg per pair. Drawer length SL equals selected runner length; minimum cabinet depth=SL+18 mm. Drawer internal clear width LW-49; side thickness≤19 mm. LW is internal cabinet width.

Use source rear Ø6/10 and hook detail; front datum 47.5 mm. Verify rear-hole depth and clearance from drawing.

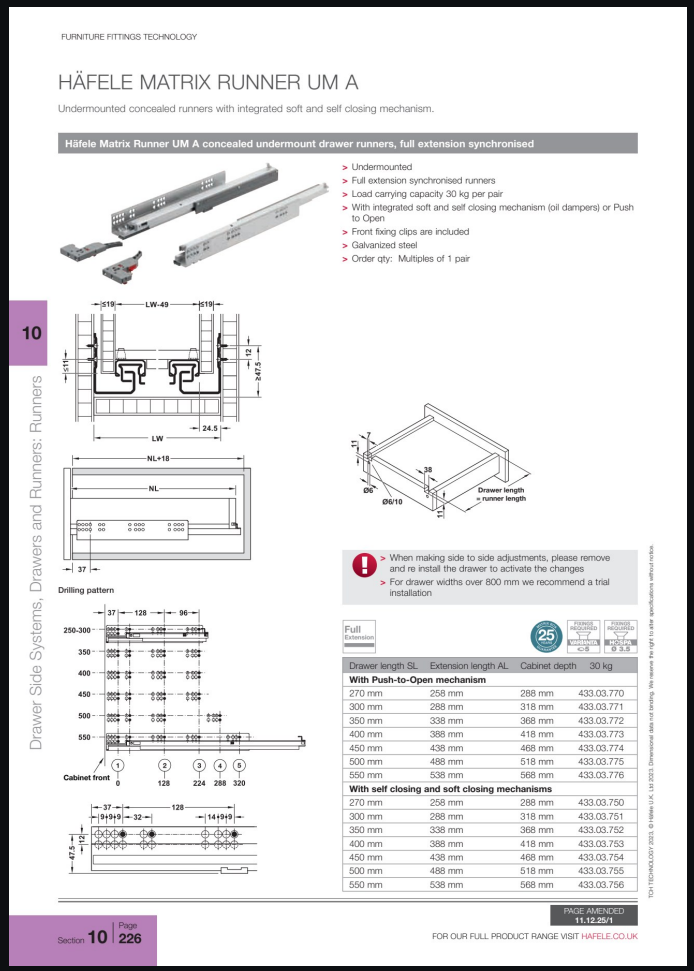
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
433.03.750 / 433.03.770	270 mm soft / push	Cabinet depth 288; travel 258 mm
433.03.751 / 433.03.771	300 mm soft / push	Depth 318; travel 288
433.03.752 / 433.03.772	350 mm soft / push	Depth 368; travel 338
433.03.753 / 433.03.773	400 mm soft / push	Depth 418; travel 388
433.03.754 / 433.03.774	450 mm soft / push	Depth 468; travel 438
433.03.755 / 433.03.775	500 mm soft / push	Depth 518; travel 488
433.03.756 / 433.03.776	550 mm soft / push	Depth 568; travel 538

BEFORE MANUFACTURE

Width over 800 mm requires trial installation; reinsert drawer after side adjustment. Fixing clips included.

ORIGINAL HÄFELE SHEET / 10.226



FURNITURE FITTINGS TECHNOLOGY

HÄFELE MATRIX RUNNER UM A

Undermounted concealed runners with integrated soft and self closing mechanism.

Häfele Matrix Runner UM A concealed undermount drawer runners, full extension synchronised

- Undermounted
- Full extension synchronised runners
- Load carrying capacity 30 kg per pair
- With integrated soft and self closing mechanism (oil dampers) or Push to Open
- Front fixing clips are included
- Galvanized steel
- Order qty: Multiples of 1 pair

10

Drawer Side Systems, Drawers and Runners: Runners

Drilling pattern

Cabinet front

- When making side to side adjustments, please remove and re install the drawer to activate the changes
- For drawer widths over 800 mm we recommend a trial installation

Full Extension

25 years

Drawer length SL	Extension length AL	Cabinet depth	30 kg
With Push-to-Open mechanism			
270 mm	258 mm	288 mm	433.03.770
300 mm	288 mm	318 mm	433.03.771
350 mm	338 mm	368 mm	433.03.772
400 mm	388 mm	418 mm	433.03.773
450 mm	438 mm	468 mm	433.03.774
500 mm	488 mm	518 mm	433.03.775
550 mm	538 mm	568 mm	433.03.776
With self closing and soft closing mechanisms			
270 mm	258 mm	288 mm	433.03.750
300 mm	288 mm	318 mm	433.03.751
350 mm	338 mm	368 mm	433.03.752
400 mm	388 mm	418 mm	433.03.753
450 mm	438 mm	468 mm	433.03.754
500 mm	488 mm	518 mm	433.03.755
550 mm	538 mm	568 mm	433.03.756

PAGE AMENDED 11.12.25/1

Section 10 | Page 226

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 10.226
Source PDF page(s): 1114. Full-size sheets in offline edition.

Grass Dynapro concealed runner

Kitchen / Wardrobe / Media wall

APPLICATION

Synchronised full-extension timber drawer runner with 4D adjustment.

COMMON DRILLING / SETTING OUT

Drawer length SK=NL-10 mm; standard minimum depth NL+3 mm (use exact inset/Tipmatic layout when selected). Follow 32 mm source fixing pattern.

Use 4D front clips and exact rear machining detail. Runners and clips form a set.

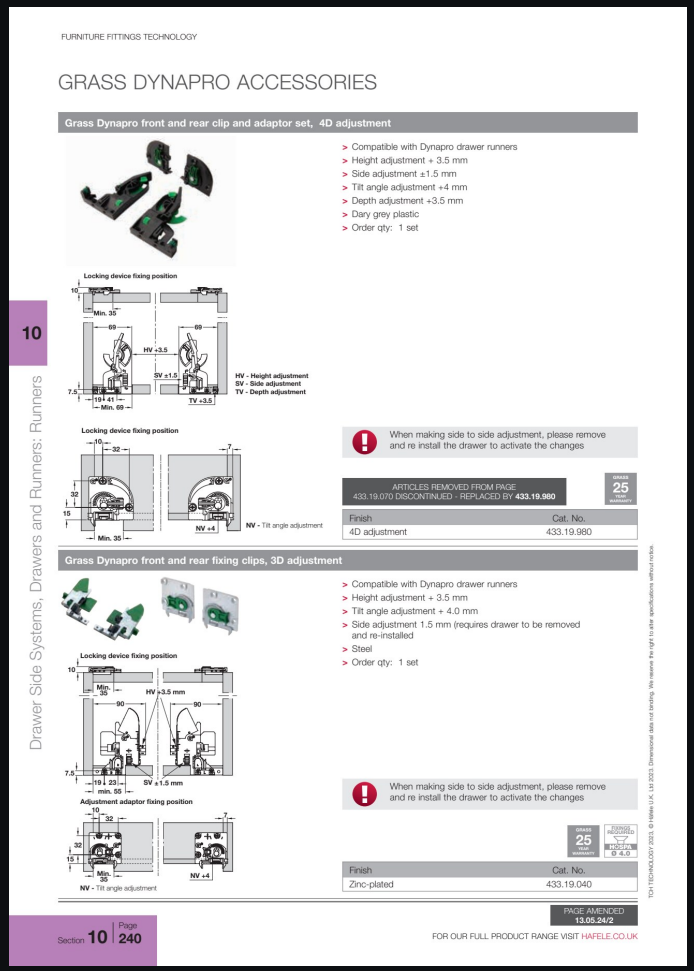
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
433.19.682 / 433.19.684 / 433.19.686	40 kg; NL 300/350/400	SK 290/340/390; depth 303/353/403 mm
433.19.688 / 433.19.690 / 433.19.692	40 kg; NL 450/500/550	SK 440/490/540; depth 453/503/553
433.20.658 / 433.20.660 / 433.20.662 / 433.20.664 / 433.20.665	70 kg; NL 450/500/550/600/650	SK=NL-10; depth=NL+3
433.20.618 / 433.20.619	50 kg; NL 700/750	SK 690/740; depth 703/753

BEFORE MANUFACTURE

250 mm runner is not Tipmatic compatible; do not transfer Tipmatic depth to standard layout.

ORIGINAL HÄFELE SHEET / 10.240



FURNITURE FITTINGS TECHNOLOGY

GRASS DYNAPRO ACCESSORIES

10

Drawer Side Systems, Drawers and Runners: Runners

Grass Dynapro front and rear clip and adaptor set, 4D adjustment

> Compatible with Dynapro drawer runners
> Height adjustment + 3.5 mm
> Side adjustment ±1.5 mm
> Tilt angle adjustment +4 mm
> Depth adjustment +3.5 mm
> Dary grey plastic
> Order qty: 1 set

Locking device fixing position

HV - Height adjustment
SV - Side adjustment
TV - Depth adjustment

NV - Tilt angle adjustment

When making side to side adjustment, please remove and re install the drawer to activate the changes

ARTICLES REMOVED FROM PAGE
433.19.070 DISCONTINUED - REPLACED BY **433.19.980**

25 YEAR WARRANTY

Finish	Cat. No.
4D adjustment	433.19.980

Grass Dynapro front and rear fixing clips, 3D adjustment

> Compatible with Dynapro drawer runners
> Height adjustment + 3.5 mm
> Tilt angle adjustment + 4.0 mm
> Side adjustment 1.5 mm (requires drawer to be removed and re-installed
> Steel
> Order qty: 1 set

Locking device fixing position

Adjustment adaptor fixing position

NV - Tilt angle adjustment

When making side to side adjustment, please remove and re install the drawer to activate the changes

25 YEAR WARRANTY

Finish	Cat. No.
Zinc-plated	433.19.040

PAGE AMENDED 13.05.24/2

Section 10 | Page 240

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 10.230, 10.236, 10.237, 10.240
Source PDF page(s): 1124, 1130, 1131, 1136. Full-size sheets in offline edition.

Accuride 3832 side runner

Kitchen / Wardrobe / Media wall

APPLICATION

General full-extension storage drawers with disconnect lever.

COMMON DRILLING / SETTING OUT

Runner thickness 12.7 mm; allow nominal thickness+0.2 to+0.5 mm side space per side.32 mm fixing system; exact hole availability depends on length.

Source load ratings assume 450×450 installation; larger/wider drawers need a trial and derating check.

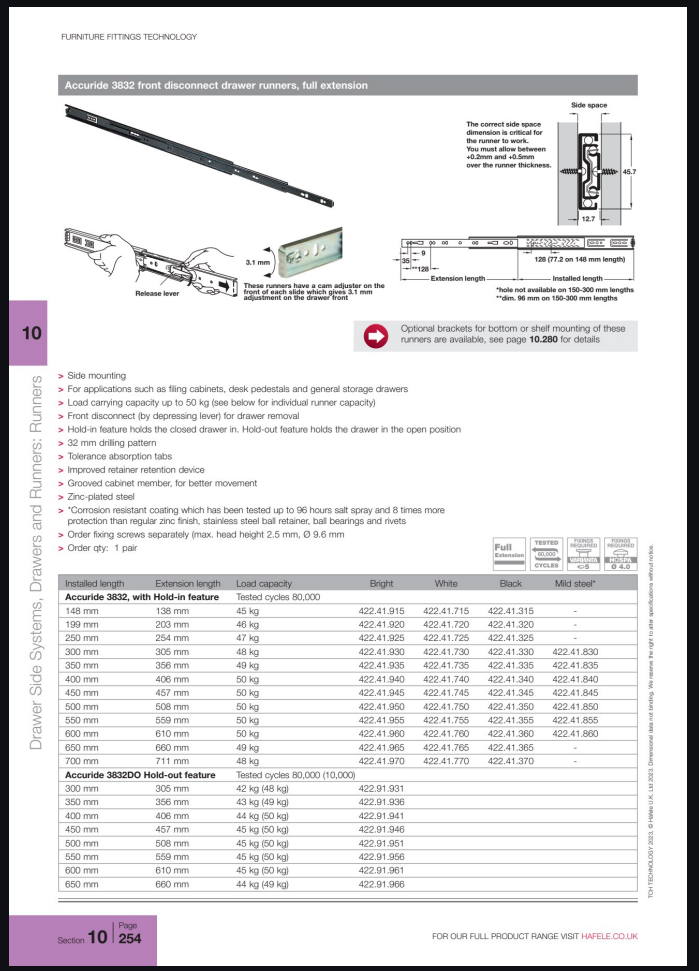
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
422.41.930 / 422.41.935	Installed 300/350 mm, bright	Travel 305/356; load 48/49 kg
422.41.940 / 422.41.945	Installed 400/450 mm, bright	Travel 406/457; load 50 kg
422.41.950 / 422.41.955	Installed 500/550 mm, bright	Travel 508/559; load 50 kg
422.41.960 / 422.41.965 / 422.41.970	Installed 600/650/700 mm, bright	Travel 610/660/711; load 50/49/48 kg

BEFORE MANUFACTURE

Use full length-specific hole pattern; max screw head height 2.5 mm andØ9.6 mm per source. Other finishes in source table.

ORIGINAL HÄFELE SHEET / 10.254



FURNITURE FITTINGS TECHNOLOGY

Accuride 3832 front disconnect drawer runners, full extension

Side space

The correct side space dimension is critical for the runner to work. You must allow between +0.2mm and +0.5mm over the runner thickness.

45.7

12.7

3.1 mm

Release lever

These runners have a cam adjuster on the front of each slide which gives 3.1 mm adjustment on the drawer front

9

35

**128

128 (77.2 on 148 mm length)

Extension length

Installed length

*hole not available on 150-300 mm lengths
**dim. 96 mm on 150-300 mm lengths

10

Optional brackets for bottom or shelf mounting of these runners are available, see page **10.280** for details

- Side mounting
- For applications such as filing cabinets, desk pedestals and general storage drawers
- Load carrying capacity up to 50 kg (see below for individual runner capacity)
- Front disconnect (by depressing lever) for drawer removal
- Hold-in feature holds the closed drawer in. Hold-out feature holds the drawer in the open position
- 32 mm drilling pattern
- Tolerance absorption tabs
- Improved retainer retention device
- Grooved cabinet member, for better movement
- Zinc-plated steel
- *Corrosion resistant coating which has been tested up to 96 hours salt spray and 8 times more protection than regular zinc finish, stainless steel ball retainer, ball bearings and rivets
- Order fixing screws separately (max. head height 2.5 mm, Ø 9.6 mm
- Order qty: 1 pair

Full Extension | TESTED 80,000 CYCLES | FIXING REQUIRED 4.0 x L/4 to L/2 <=S | FIXING REQUIRED 4.0 x L/4 to L/2 Ø 4.0

Installed length	Extension length	Load capacity	Bright	White	Black	Mild steel*
Accuride 3832, with Hold-in feature		Tested cycles 80,000				
148 mm	138 mm	45 kg	422.41.915	422.41.715	422.41.315	-
199 mm	203 mm	46 kg	422.41.920	422.41.720	422.41.320	-
250 mm	254 mm	47 kg	422.41.925	422.41.725	422.41.325	-
300 mm	305 mm	48 kg	422.41.930	422.41.730	422.41.330	422.41.830
350 mm	356 mm	49 kg	422.41.935	422.41.735	422.41.335	422.41.835
400 mm	406 mm	50 kg	422.41.940	422.41.740	422.41.340	422.41.840
450 mm	457 mm	50 kg	422.41.945	422.41.745	422.41.345	422.41.845
500 mm	508 mm	50 kg	422.41.950	422.41.750	422.41.350	422.41.850
550 mm	559 mm	50 kg	422.41.955	422.41.755	422.41.355	422.41.855
600 mm	610 mm	50 kg	422.41.960	422.41.760	422.41.360	422.41.860
650 mm	660 mm	49 kg	422.41.965	422.41.765	422.41.365	-
700 mm	711 mm	48 kg	422.41.970	422.41.770	422.41.370	-
Accuride 3832DO Hold-out feature		Tested cycles 80,000 (10,000)				
300 mm	305 mm	42 kg (48 kg)	422.91.931			
350 mm	356 mm	43 kg (49 kg)	422.91.936			
400 mm	406 mm	44 kg (50 kg)	422.91.941			
450 mm	457 mm	45 kg (50 kg)	422.91.946			
500 mm	508 mm	45 kg (50 kg)	422.91.951			
550 mm	559 mm	45 kg (50 kg)	422.91.956			
600 mm	610 mm	45 kg (50 kg)	422.91.961			
650 mm	660 mm	44 kg (49 kg)	422.91.966			

Drawer Side Systems, Drawers and Runners: Runners

Section 10 | Page 254

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 10.252, 10.254
Source PDF page(s): 1154, 1156. Full-size sheets in offline edition.

Accuride 7957 heavy-duty runner

Kitchen / Wardrobe / Media wall

APPLICATION

Heavy equipment and wide storage drawers up to 1000 mm wide.

COMMON DRILLING / SETTING OUT

Runner 19.1 mm thick,70.8 mm high; side clearance=thickness+0.2 to+0.5 mm per side. Hole availability changes with length.

Flat/base mounting reduces load rating to 25% of side-mounted rating; use required brackets.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
432.48.831 / 432.48.836	305/356 mm	140 kg side mounted; use length-specific holes
432.48.841 / 432.48.846	407/457 mm	150 kg side mounted
432.48.851 / 432.48.856 / 432.48.861	508/559/610 mm	160 kg side mounted
432.48.866 / 432.48.871 / 432.48.876	661/711/762 mm	160 kg side mounted

BEFORE MANUFACTURE

Confirm actual drawer width/load distribution, mounting orientation and substrate fixings; use a central handle on wide fronts.

ORIGINAL HÄFELE SHEET / 10.262



FURNITURE FITTINGS TECHNOLOGY

Accuride 7957 ball bearing runners, full extension

Functionality

Disengage by operating the metal release lever in the drawer rail

Side space

The correct side space dimension is critical for the runner to work. You must allow between +0.2mm and +0.5mm over the runner thickness.

Flat mounting will reduce the weight capacity to 25% kg

70.8
19.1

Side mounted

Flat mounted

Travel =Slide length±3.3

Slide length

349.3***
171.5**
108*
50.8*
19
19.1
44.5
22.2

*hole not on 305/356 mm lengths
**hole not on 305-457 mm lengths
***only on 864/915 mm lengths

Mounting brackets available shown on page **10.265**

10

Drawer Side Systems, Drawers and Runners: Runners

- For right and left hand use
- For drawer widths up to 1000 mm
- Can be disengaged using release lever
- For screw fixing to cabinet, drawer or shelf, side or base mounted using brackets
- Load carrying capacity up to 160 kg (see below for individual runner capacity)
- Galvanized steel
- Please note: Weight limit per pair based on length, weight limits reduce by 75% if flat mounted
- Order fixing screws separately
- Order qty: 1 pair

Full Extension | TESTED 80,000 CYCLES | FUNDS ASSURED VERTICAL ≤8 | FUNDS ASSURED HORIZONTAL ≤ 5.0

Installed/Extension length	Load capacity	Cat. No.
305 mm	140 kg	432.48.831
356 mm	140 kg	432.48.836
407 mm	150 kg	432.48.841
457 mm	150 kg	432.48.846
508 mm	160 kg	432.48.851
559 mm	160 kg	432.48.856
610 mm	160 kg	432.48.861
661 mm	160 kg	432.48.866
711 mm	160 kg	432.48.871
762 mm	160 kg	432.48.876
813 mm	160 kg	432.48.881
864 mm	160 kg	432.48.886
915 mm	160 kg	432.48.891

Load ratings vary according to runner length. Load rating shown is for side mounting, base mounting reduces load rating to 25% of vertical rating. We recommend that a centrally positioned pull handle is used on wide drawers. Please contact us for further information if required

TCH TECHNOLOGY 2023. © Häfele U.K. Ltd 2023. Dimensional data not binding. We reserve the right to alter specifications without notice.

Section 10 | Page 262

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 10.262
Source PDF page(s): 1168. Full-size sheets in offline edition.

Planofit door straightener

Kitchen / Wardrobe / Media wall

APPLICATION

Large hinged or sliding timber/board fronts requiring rigidity or warp adjustment.

COMMON DRILLING / SETTING OUT

Panel≥16 mm; not for hardwood. TwoØ35 pockets 12.5 mm deep joined by 10 mm wide×8 mm deep groove.

Normally two straightening fittings per door, so order two sets. Keep pocket centres≤250 mm from ends.

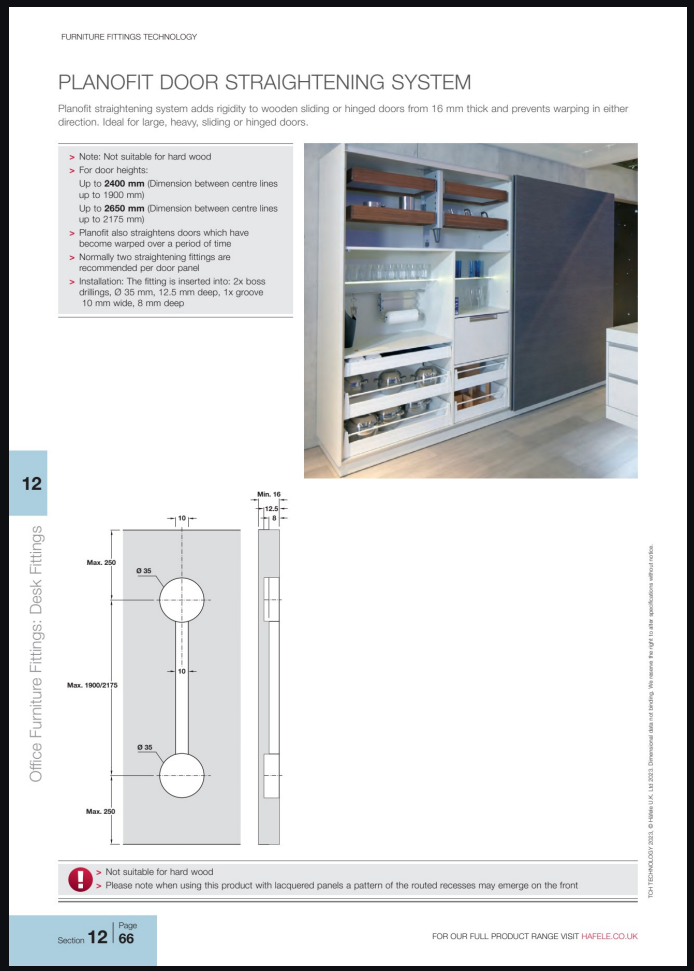
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
407.90.230 / 407.90.730	Door up to 2400 mm; black / white	Max pocket centre distance 1900 mm; rod 1920 mm
407.90.231 / 407.90.731	Door up to 2650 mm; black / white	Max pocket centre distance 2175 mm; rod 2195 mm

BEFORE MANUFACTURE

Check remaining face material; lacquered panels may show the routed pattern. Verify straightener count and position.

ORIGINAL HÄFELE SHEET / 12.66



FURNITURE FITTINGS TECHNOLOGY

PLANOFIT DOOR STRAIGHTENING SYSTEM

Planofit straightening system adds rigidity to wooden sliding or hinged doors from 16 mm thick and prevents warping in either direction. Ideal for large, heavy, sliding or hinged doors.

> Note: Not suitable for hard wood
> For door heights:
Up to **2400 mm** (Dimension between centre lines up to 1900 mm)
Up to **2650 mm** (Dimension between centre lines up to 2175 mm)
> Planofit also straightens doors which have become warped over a period of time
> Normally two straightening fittings are recommended per door panel
> Installation: The fitting is inserted into: 2x boss drillings, Ø 35 mm, 12.5 mm deep, 1x groove 10 mm wide, 8 mm deep

12

Office Furniture Fittings: Desk Fittings

> Not suitable for hard wood
> Please note when using this product with lacquered panels a pattern of the routed recesses may emerge on the front

Section 12 | Page 66

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 12.66, 12.67
Source PDF page(s): 1416, 1417. Full-size sheets in offline edition.

Matrix R S roller runner

Kitchen / Wardrobe / Media wall

APPLICATION

Economical single-extension drawer runner.

COMMON DRILLING / SETTING OUT

Maximum drawer width=internal cabinet width-25 mm. Use 32 mm cabinet series-hole/slotted layout and selected-length source drilling pattern.

Longer length changes capacity and travel, not family count.

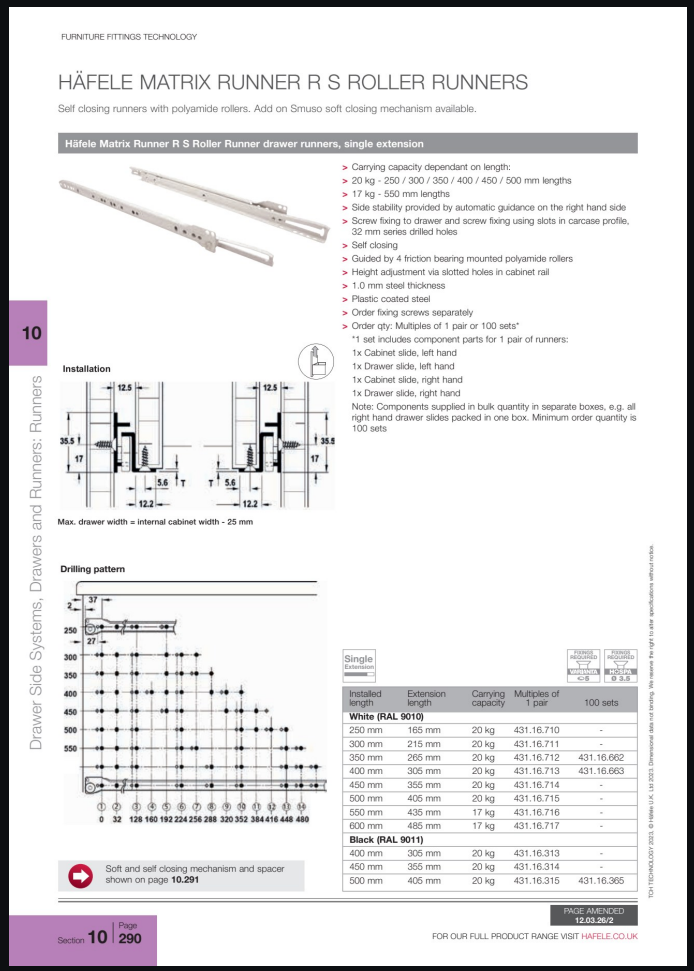
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
431.16.710 / 431.16.711 / 431.16.712	White 250/300/350 mm	Travel 165/215/265;20 kg
431.16.713 / 431.16.714 / 431.16.715	White 400/450/500 mm	Travel 305/355/405;20 kg
431.16.716 / 431.16.717	White 550/600 mm	Travel 435/485;17 kg per order table
431.16.313 / 431.16.314 / 431.16.315	Black 400/450/500 mm	Same corresponding length pattern;20 kg

BEFORE MANUFACTURE

600 mm capacity is taken from the order table; verify current article detail because prose only names 550 mm in the 17 kg band.

ORIGINAL HÄFELE SHEET / 10.290



FURNITURE FITTINGS TECHNOLOGY

HÄFELE MATRIX RUNNER R S ROLLER RUNNERS

Self closing runners with polyamide rollers. Add on Smuso soft closing mechanism available.

Häfele Matrix Runner R S Roller Runner drawer runners, single extension

- Carrying capacity dependant on length:
- 20 kg - 250 / 300 / 350 / 400 / 450 / 500 mm lengths
- 17 kg - 550 mm lengths
- Side stability provided by automatic guidance on the right hand side
- Screw fixing to drawer and screw fixing using slots in carcase profile, 32 mm series drilled holes
- Self closing
- Guided by 4 friction bearing mounted polyamide rollers
- Height adjustment via slotted holes in cabinet rail
- 1.0 mm steel thickness
- Plastic coated steel
- Order fixing screws separately
- Order qty: Multiples of 1 pair or 100 sets*

*1 set includes component parts for 1 pair of runners:
1x Cabinet slide, left hand
1x Drawer slide, left hand
1x Cabinet slide, right hand
1x Drawer slide, right hand
Note: Components supplied in bulk quantity in separate boxes, e.g. all right hand drawer slides packed in one box. Minimum order quantity is 100 sets

Installation

Max. drawer width = internal cabinet width - 25 mm

Drilling pattern

Soft and self closing mechanism and spacer shown on page **10.291**

Installed length	Extension length	Carrying capacity	Multiples of 1 pair	100 sets
White (RAL 9010)				
250 mm	165 mm	20 kg	431.16.710	-
300 mm	215 mm	20 kg	431.16.711	-
350 mm	265 mm	20 kg	431.16.712	431.16.662
400 mm	305 mm	20 kg	431.16.713	431.16.663
450 mm	355 mm	20 kg	431.16.714	-
500 mm	405 mm	20 kg	431.16.715	-
550 mm	435 mm	17 kg	431.16.716	-
600 mm	485 mm	17 kg	431.16.717	-
Black (RAL 9011)				
400 mm	305 mm	20 kg	431.16.313	-
450 mm	355 mm	20 kg	431.16.314	-
500 mm	405 mm	20 kg	431.16.315	431.16.365

PAGE AMENDED 12.03.26/2

Section 10 | Page 290

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 10.290
Source PDF page(s): 1196. Full-size sheets in offline edition.

Accuride 2109 keyboard shelf runner

Wardrobe / Media wall

APPLICATION

Pull-out keyboard, printer shelf or small work surface inside fitted furniture.

COMMON DRILLING / SETTING OUT

Bracket height 60.2-93.5 mm in 5.6 mm increments. Side-space nominal 12.7+0.2 to+0.5 mm per side.

Length-specific hole pattern differs at 350/400 and 500; use source marks and disconnect clearance.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
422.14.935	350 mm	Travel 260 mm;35 kg; no optional full-length bracket
422.14.940	400 mm	Travel 281;30 kg
422.14.945	450 mm	Travel 331;30 kg
422.14.950	500 mm	Travel 376;25 kg

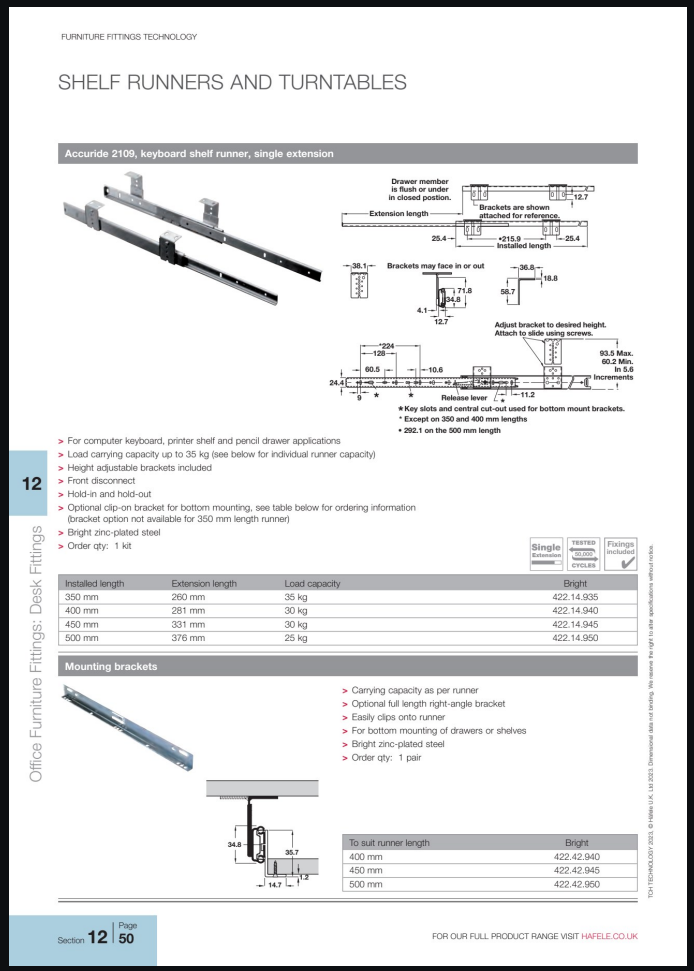
BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

COMPANION PARTS

Height brackets included; optional bottom brackets 422.42.940/945/950 by corresponding length.

ORIGINAL HÄFELE SHEET / 12.50



FURNITURE FITTINGS TECHNOLOGY

SHELF RUNNERS AND TURNTABLES

Accuride 2109, keyboard shelf runner, single extension

Drawer member is flush or under in closed postion.
Extension length
Brackets are shown attached for reference.
Installed length
Brackets may face in or out
Adjust bracket to desired height. Attach to slide using screws.
93.5 Max. 60.2 Min. In 5.6 Increments
Release lever
* Key slots and central cut-out used for bottom mount brackets.
* Except on 350 and 400 mm lengths
• 292.1 on the 500 mm length

12

Office Furniture Fittings: Desk Fittings

> For computer keyboard, printer shelf and pencil drawer applications
> Load carrying capacity up to 35 kg (see below for individual runner capacity)
> Height adjustable brackets included
> Front disconnect
> Hold-in and hold-out
> Optional clip-on bracket for bottom mounting, see table below for ordering information (bracket option not available for 350 mm length runner)
> Bright zinc-plated steel
> Order qty: 1 kit

Single Extension | TESTED 50,000 CYCLES | Fixings included

Installed length	Extension length	Load capacity	Bright
350 mm	260 mm	35 kg	422.14.935
400 mm	281 mm	30 kg	422.14.940
450 mm	331 mm	30 kg	422.14.945
500 mm	376 mm	25 kg	422.14.950

Mounting brackets

> Carrying capacity as per runner
> Optional full length right-angle bracket
> Easily clips onto runner
> For bottom mounting of drawers or shelves
> Bright zinc-plated steel
> Order qty: 1 pair

To suit runner length	Bright
400 mm	422.42.940
450 mm	422.42.945
500 mm	422.42.950

Section 12 | Page 50

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 12.50
Source PDF page(s): 1398. Full-size sheets in offline edition.

Matrix Box P drawer family

Kitchen / Wardrobe / Media wall

APPLICATION

Full-extension metal-sided drawers; length, finish and 35/50 kg options grouped.

COMMON DRILLING / SETTING OUT

Base/back 16 mm. Base width=internal cabinet width-62; depth=NL-3, tolerance+0/-0.5 mm.92 mm side version rear panel height 69 mm.

Use 10.18/10.22 front and cabinet fixing diagrams.50 kg layout has additional upper fixing row.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
513.04.552 / 513.04.553	Grey 92 high;350/400 mm 35 kg	Base depth 347/397 mm; common width-62
513.04.554 / 513.04.555	Grey 450/500 mm 35 kg	Base depth 447/497
513.04.564 / 513.04.565	Grey 450/500 mm 50 kg	Same panel cuts; extra runner fixing row
513.23.324 / 513.23.325	Anthracite 450/500 mm 35 kg	Same corresponding length geometry

BEFORE MANUFACTURE

Selected 92 mm single packs shown. Other heights/finishes remain in source; do not apply 69 mm back height to every side height.

COMPANION PARTS

Fixing screws ordered separately; exact front bracket and base/back.

ORIGINAL HÄFELE SHEET / 10.22



FURNITURE FITTINGS TECHNOLOGY

MATRIX BOX P 35/50 KG DRAWER SETS, BULK (6) PACKED

Standard drawer, 92 mm high. Push-to-open fitting available for 450 and 500 mm length drawer sides.

- Quick to assemble and install
- Standard drawer for 16 mm drawer base and rear panel
- Synchronised runners are full extension with Smuso integrated soft and self-closing mechanism on both sides
- Vertical inner sides for optimum capacity
- Drawer fronts can be adjusted from above by means of the front fixing bracket, neatly concealed by a trim cap
- Drawer fronts can be removed without tools
- Each set includes:
  - A 1 pair drawer sides
  - B 1 pair runners
  - C 2 front fixing brackets, screw fixing
- Matrix Box P standard drawer sides, 92 mm high
  - With integrated rear panel holder, requires 16 mm drawer base and rear panel (not included)
  - Plastic cover caps included
  - Powder coated steel
- Full extension synchronised runners
  - Load carrying capacity 35/50 kg per pair
  - With integrated Smuso soft-closing and self-closing mechanisms
  - Galvanized steel
- Order fixing screws separately
- Order qty: Multiples of 6 sets

50 kg

35 kg

A Metal drawer sides
B Drawer runners
C Front fixing brackets

With Push-to-Open Soft-Close

Order push-to-open fitting separately, if required; Cat. No. 563.50.995, shown on page 10.25

Installation information is shown on page 10.16-20

Push-to-open fitting is not suitable for use with 270 mm Matrix Box P 35 kg drawer sides or 270/350/400 mm Matrix Box P 50 kg drawer sides

10 Drawer Side Systems, Drawers and Runners: Drawer Side Systems

Section 10 | Page 22

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 10.16, 10.18, 10.22, 10.24
Source PDF page(s): 820, 822, 826, 828. Full-size sheets in offline edition.

Matrix Box Slim A drawer family

Kitchen / Wardrobe / Media wall

APPLICATION

Slim 13 mm-sided drawers with 30 kg runners; lengths and heights grouped.

COMMON DRILLING / SETTING OUT

Panel thickness 16. Base A=NL-10; B=internal width-21. Back D=internal width-42; front F=internal width-31.

Minimum internal cabinet depth=NL+20 mm. Back heights 63/101/148 for side heights 89/128/175 respectively; use height-specific front holes.

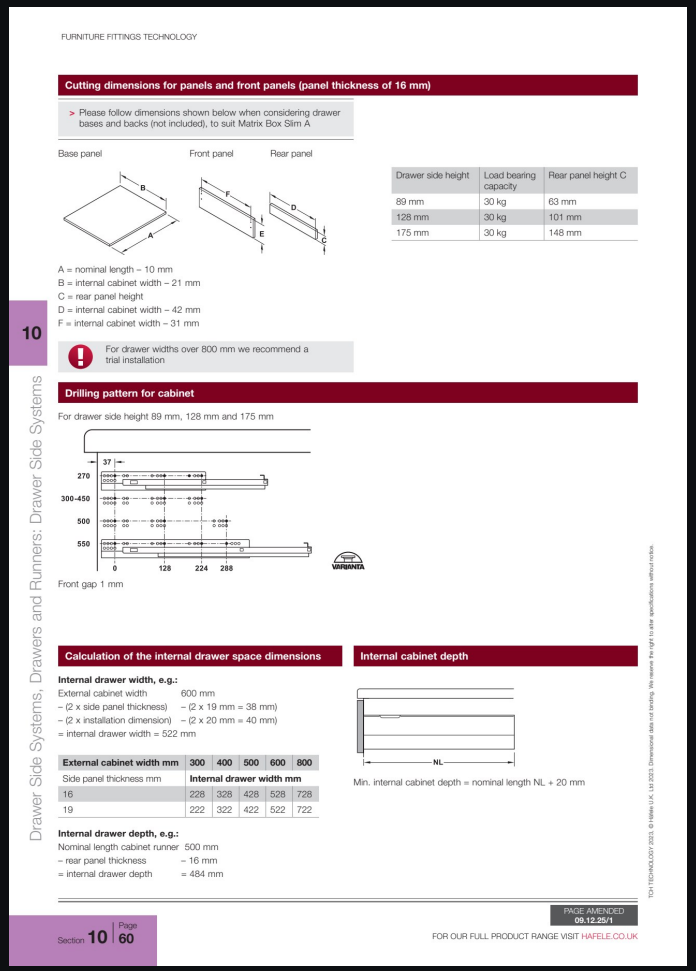
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
552.26.522 / 552.26.523	Anthracite 89 high;350/400 soft close	Base depth 340/390; cabinet depth 370/420
552.26.524 / 552.26.525 / 552.26.526	Anthracite 89 high;450/500/550	Base depth 440/490/540; depth 470/520/570
552.26.624 / 552.26.625	Grey 89 high;450/500	Same length geometry; rear height 63 mm

BEFORE MANUFACTURE

Use 10.64/10.66 order and front-fixing drawings for 128/175 mm sides, rather than reuse 89 mm front drilling. Trial fit widths>800 mm.

ORIGINAL HÄFELE SHEET / 10.60



FURNITURE FITTINGS TECHNOLOGY

Cutting dimensions for panels and front panels (panel thickness of 16 mm)

> Please follow dimensions shown below when considering drawer bases and backs (not included), to suit Matrix Box Slim A

Base panel Front panel Rear panel

Drawer side height	Load bearing capacity	Rear panel height C
89 mm	30 kg	63 mm
128 mm	30 kg	101 mm
175 mm	30 kg	148 mm

A = nominal length – 10 mm
B = internal cabinet width – 21 mm
C = rear panel height
D = internal cabinet width – 42 mm
F = internal cabinet width – 31 mm

For drawer widths over 800 mm we recommend a trial installation

Drilling pattern for cabinet

For drawer side height 89 mm, 128 mm and 175 mm

Front gap 1 mm

Calculation of the internal drawer space dimensions

Internal drawer width, e.g.:
External cabinet width 600 mm
– (2 x side panel thickness) – (2 x 19 mm = 38 mm)
– (2 x installation dimension) – (2 x 20 mm = 40 mm)
= internal drawer width = 522 mm

External cabinet width mm	300	400	500	600	800
Side panel thickness mm	Internal drawer width mm				
16	228	328	428	528	728
19	222	322	422	522	722

Internal drawer depth, e.g.:
Nominal length cabinet runner 500 mm
– rear panel thickness – 16 mm
= internal drawer depth = 484 mm

Internal cabinet depth

Min. internal cabinet depth = nominal length NL + 20 mm

10 Drawer Side Systems, Drawers and Runners: Drawer Side Systems

PAGE AMENDED 09.12.25/1

Section 10 | Page 60

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 10.58, 10.60, 10.61, 10.62, 10.64, 10.66
Source PDF page(s): 866, 868, 869, 870, 872, 874. Full-size sheets in offline edition.

Banio modular sink drawer frame

Kitchen

APPLICATION

Cut-to-size H-frame and removable trays around sink waste pipework.

COMMON DRILLING / SETTING OUT

For 16 mm base and rear panel. H-frame supplied for 500 mm deep drawers; cut side parts/mid rail to actual plumbing clearance.

Source frame max cutout width 435 mm; use full H-frame geometry and retained back brackets.

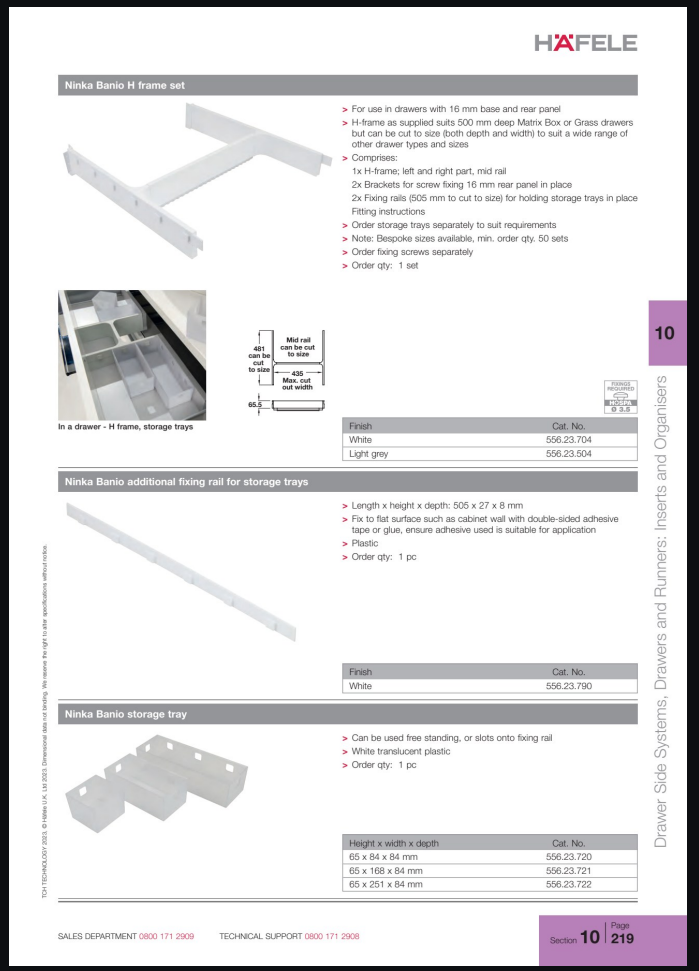
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
556.23.704 / 556.23.504	H-frame white / light grey	Cut frame and rails to suit;3.5 mm screw size per source
556.23.720 / 556.23.721 / 556.23.722	Trays 84/168/251 mm wide	65 mm high×84 deep; slot on rails or free stand
556.23.790	Additional 505 mm rail	Adhesive fixing to suitable flat surface

BEFORE MANUFACTURE

Check waste trap movement, service access, runner clearance and load after cutting the drawer base.

ORIGINAL HÄFELE SHEET / 10.219



HÄFELE

Ninka Banio H frame set

> For use in drawers with 16 mm base and rear panel
> H-frame as supplied suits 500 mm deep Matrix Box or Grass drawers but can be cut to size (both depth and width) to suit a wide range of other drawer types and sizes
> Comprises:
1x H-frame; left and right part, mid rail
2x Brackets for screw fixing 16 mm rear panel in place
2x Fixing rails (505 mm to cut to size) for holding storage trays in place
Fitting instructions
> Order storage trays separately to suit requirements
> Note: Bespoke sizes available, min. order qty. 50 sets
> Order fixing screws separately
> Order qty: 1 set

In a drawer - H frame, storage trays

481 can be cut to size
Mid rail can be cut to size
435 Max. cut out width
65.5

Finish	Cat. No.
White	556.23.704
Light grey	556.23.504

Ninka Banio additional fixing rail for storage trays

> Length x height x depth: 505 x 27 x 8 mm
> Fix to flat surface such as cabinet wall with double-sided adhesive tape or glue, ensure adhesive used is suitable for application
> Plastic
> Order qty: 1 pc

Finish	Cat. No.
White	556.23.790

Ninka Banio storage tray

> Can be used free standing, or slots onto fixing rail
> White translucent plastic
> Order qty: 1 pc

Height x width x depth	Cat. No.
65 x 84 x 84 mm	556.23.720
65 x 168 x 84 mm	556.23.721
65 x 251 x 84 mm	556.23.722

10
Drawer Side Systems, Drawers and Runners: Inserts and Organisers

SALES DEPARTMENT 0800 171 2909 TECHNICAL SUPPORT 0800 171 2908

Section 10 | Page 219

Häfele printed: 10.218, 10.219
Source PDF page(s): 1106, 1107. Full-size sheets in offline edition.

Tavinea Optima drawer divider

Kitchen / Wardrobe / Media wall

APPLICATION

Tool-free adjustable organiser for compatible high Grass drawers.

COMMON DRILLING / SETTING OUT

Select Nova Pro or Vionaro profile. Cut to length using the matching width formula; fit clips/Smartboard appropriate to drawer system.

No new carcass drilling; preserve drawer mechanism and runner clearances.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
551.87.970 / 551.87.570 / 551.87.070	Nova Pro profile silver / stone / zircon	Stock 1098 mm; cut=inside cabinet width-70 mm
551.87.560 / 551.87.360	Vionaro profile silver grey / graphite	Stock 1108; cut=outside cabinet width-92 mm
551.87.990 / 551.87.590 / 551.87.090	Profile clips silver / stone-graphite / zircon	Match profile and drawer colour

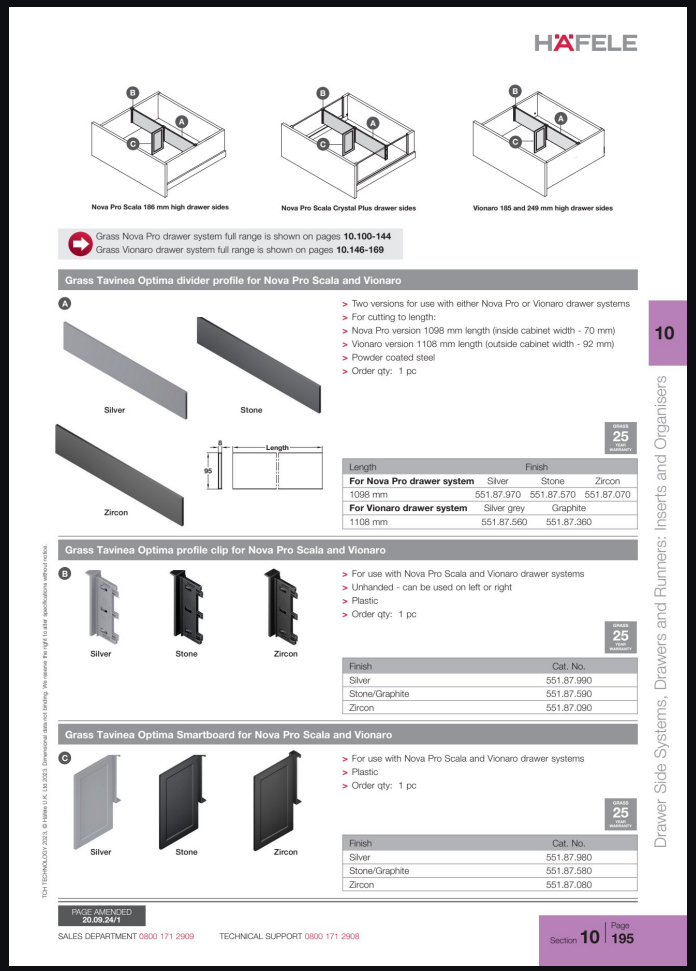
BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

COMPANION PARTS

Compatible Nova Pro 186/Crystal Plus or Vionaro 185/249 drawer; Smartboard selected from source.

ORIGINAL HÄFELE SHEET / 10.195


HÄFELE

Nova Pro Scala 186 mm high drawer sides

Nova Pro Scala Crystal Plus drawer sides

Vionaro 185 and 249 mm high drawer sides

Grass Nova Pro drawer system full range is shown on pages **10.100-144**
Grass Vionaro drawer system full range is shown on pages **10.146-169**

Grass Tavinea Optima divider profile for Nova Pro Scala and Vionaro

Silver Stone Zircon

> Two versions for use with either Nova Pro or Vionaro drawer systems
> For cutting to length:
> Nova Pro version 1098 mm length (inside cabinet width - 70 mm)
> Vionaro version 1108 mm length (outside cabinet width - 92 mm)
> Powder coated steel
> Order qty: 1 pc

Length	Finish		
For Nova Pro drawer system	Silver	Stone	Zircon
1098 mm	551.87.970	551.87.570	551.87.070
For Vionaro drawer system	Silver grey	Graphite	
1108 mm	551.87.560	551.87.360	

Grass Tavinea Optima profile clip for Nova Pro Scala and Vionaro

Silver Stone Zircon

> For use with Nova Pro Scala and Vionaro drawer systems
> Unhanded - can be used on left or right
> Plastic
> Order qty: 1 pc

Finish	Cat. No.
Silver	551.87.990
Stone/Graphite	551.87.590
Zircon	551.87.090

Grass Tavinea Optima Smartboard for Nova Pro Scala and Vionaro

Silver Stone Zircon

> For use with Nova Pro Scala and Vionaro drawer systems
> Plastic
> Order qty: 1 pc

Finish	Cat. No.
Silver	551.87.980
Stone/Graphite	551.87.580
Zircon	551.87.080

PAGE AMENDED 20.09.24/1

SALES DEPARTMENT 0800 171 2909 TECHNICAL SUPPORT 0800 171 2908

10 Drawer Side Systems, Drawers and Runners: Inserts and Organisers

Section 10 | Page 195

Häfele printed: 10.194, 10.195
Source PDF page(s): 1076, 1077. Full-size sheets in offline edition.

Matrix waste-trap cutout insert

Kitchen

APPLICATION

One-piece protective edging for a sink drawer waste-pipe cutout.

COMMON DRILLING / SETTING OUT

For 16 mm panel; insert length 300 mm and height 67 mm. Source order page does not give the complete cutout routing profile.

Confirm physical insert/template before cutting; allow pipe service and movement space.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
551.63.732 / 551.63.532 / 551.63.332	White / grey / anthracite	Same insert geometry; confirm cutout template

BEFORE MANUFACTURE

Routing profile needs exact article/template; do not infer it from outside length 300 mm.

ORIGINAL HÄFELE SHEET / 10.217



HÄFELE

MATRIX INSERT FOR WASTE TRAP

Waste trap insert for Matrix Box P, S and A drawer systems.

Matrix Extra SI 0720 insert for waste trap cut-out

Anthracite finish

Grey finish

White finish

- Waste trap insert made from thermoplastic material
- One complete component
- Additional edging of the panel around the waste trap cut-out is not necessary
- Inserts match the colours of the Matrix Box systems
- Height: 67 mm
- Length: 300 mm
- For panel thickness: 16 mm
- Plastic
- Order qty: 1 pc

Finish	Cat. No.
White	551.63.732
Grey	551.63.532
Anthracite	551.63.332

Most of the products you will find in this catalogue are available within 24 hours. However, to be able to offer the breadth of range in our collection, a small number of products have a longer lead time. Please call 0800 171 2909 for an accurate delivery date when you see this symbol.

Matrix Box P

Matrix Box A

Matrix Box S

Matrix Box P drawers are shown on pages **10.14-56**

Matrix Box Slim A drawers are shown on pages **10.58-84**

Matrix Box A drawers are shown on pages **10.86-98**

SALES DEPARTMENT 0800 171 2909 TECHNICAL SUPPORT 0800 171 2908

Section 10 | Page 217

10

Drawer Side Systems, Drawers and Runners: Inserts and Organisers

Häfele printed: 10.217
Source PDF page(s): 1105. Full-size sheets in offline edition.

Elite concealed magnetic catch

Kitchen / Wardrobe / Media wall

APPLICATION

Flush hidden retention for in-frame or discreet cabinet doors.

COMMON DRILLING / SETTING OUT

Magnets are bonded into bores; alignment spike is not a fixing screw. Allow depth for magnet and spike, and use suitable adhesive.

Pull depends on gap; follow north/south pairing and source depth drawing.

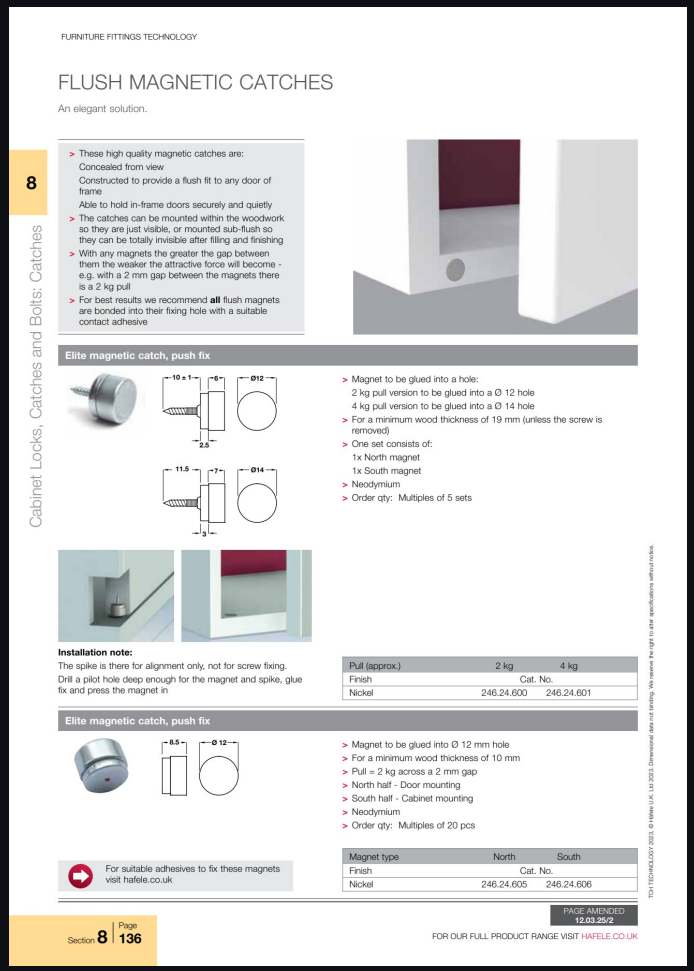
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
246.24.600	2 kg pair	Ø12 bore; standard version wood≥19 mm unless spike removed
246.24.601	4 kg pair	Ø14 bore; use matching source depth
246.24.605 / 246.24.606	Separate north/south 2 kg halves	Ø12; wood≥10 mm;2 kg stated across 2 mm gap

BEFORE MANUFACTURE

Check pull and face gap in a trial door; do not mistake approximate holding force for a structural load rating.

ORIGINAL HÄFELE SHEET / 8.136



FURNITURE FITTINGS TECHNOLOGY

FLUSH MAGNETIC CATCHES

An elegant solution.

8

Cabinet Locks, Catches and Bolts: Catches

> These high quality magnetic catches are:
Concealed from view
Constructed to provide a flush fit to any door of frame
Able to hold in-frame doors securely and quietly
> The catches can be mounted within the woodwork so they are just visible, or mounted sub-flush so they can be totally invisible after filling and finishing
> With any magnets the greater the gap between them the weaker the attractive force will become - e.g. with a 2 mm gap between the magnets there is a 2 kg pull
> For best results we recommend **all** flush magnets are bonded into their fixing hole with a suitable contact adhesive

Elite magnetic catch, push fix

> Magnet to be glued into a hole:
2 kg pull version to be glued into a Ø 12 hole
4 kg pull version to be glued into a Ø 14 hole
> For a minimum wood thickness of 19 mm (unless the screw is removed)
> One set consists of:
1x North magnet
1x South magnet
> Neodymium
> Order qty: Multiples of 5 sets

Installation note:
The spike is there for alignment only, not for screw fixing.
Drill a pilot hole deep enough for the magnet and spike, glue fix and press the magnet in

Pull (approx.)	2 kg	4 kg
Finish	Cat. No.	
Nickel	246.24.600	246.24.601

Elite magnetic catch, push fix

> Magnet to be glued into Ø 12 mm hole
> For a minimum wood thickness of 10 mm
> Pull = 2 kg across a 2 mm gap
> North half - Door mounting
> South half - Cabinet mounting
> Neodymium
> Order qty: Multiples of 20 pcs

For suitable adhesives to fix these magnets visit hafele.co.uk

Magnet type	North	South
Finish	Cat. No.	
Nickel	246.24.605	246.24.606

PAGE AMENDED 12.03.25/2

Section 8 | Page 136

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 8.136
Source PDF page(s): 434. Full-size sheets in offline edition.

K Push Tech handle-free catch

Kitchen / Wardrobe / Media wall

APPLICATION

Handle-free opening of sprung or unsprung cabinet doors.

COMMON DRILLING / SETTING OUT

Short concealed catch boreØ10×50 mm; long-family sketch showsØ10×70 but listed articles here are short.

Buffer is for sprung hinges; magnet for unsprung/negative hinges. Surface housing is separate.

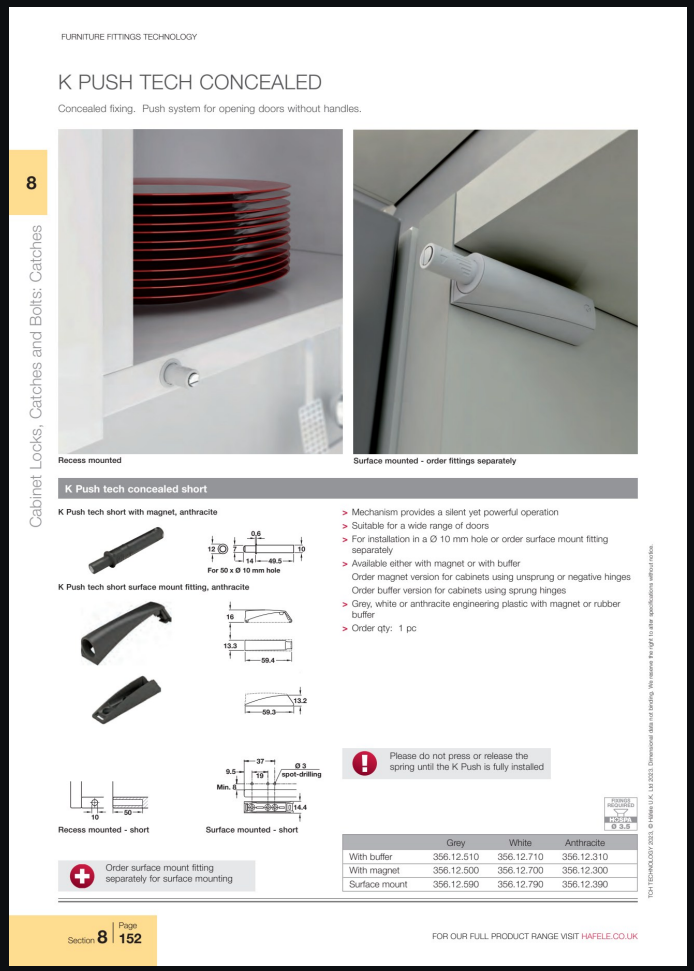
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
356.12.510 / 356.12.710 / 356.12.310	Short buffer; grey / white / anthracite	Ø10×50; sprung hinge
356.12.500 / 356.12.700 / 356.12.300	Short magnet; grey / white / anthracite	Ø10×50; unsprung hinge
356.12.590 / 356.12.790 / 356.12.390	Short surface housing	Use source housing screw positions; no deep bore

BEFORE MANUFACTURE

Do not press/release spring before fully installed; check operating gap and strike position.

ORIGINAL HÄFELE SHEET / 8.152



FURNITURE FITTINGS TECHNOLOGY

K PUSH TECH CONCEALED

Concealed fixing. Push system for opening doors without handles.

8

Cabinet Locks, Catches and Bolts: Catches

Recess mounted

Surface mounted - order fittings separately

K Push tech concealed short

K Push tech short with magnet, anthracite

For 50 x Ø 10 mm hole

K Push tech short surface mount fitting, anthracite

> Mechanism provides a silent yet powerful operation
> Suitable for a wide range of doors
> For installation in a Ø 10 mm hole or order surface mount fitting separately
> Available either with magnet or with buffer
Order magnet version for cabinets using unsprung or negative hinges
Order buffer version for cabinets using sprung hinges
> Grey, white or anthracite engineering plastic with magnet or rubber buffer
> Order qty: 1 pc

Please do not press or release the spring until the K Push is fully installed

Recess mounted - short

Surface mounted - short

Order surface mount fitting separately for surface mounting

	Grey	White	Anthracite
With buffer	356.12.510	356.12.710	356.12.310
With magnet	356.12.500	356.12.700	356.12.300
Surface mount	356.12.590	356.12.790	356.12.390

Section 8 | Page 152

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 8.152
Source PDF page(s): 452. Full-size sheets in offline edition.

Linear roller door catch

Kitchen / Wardrobe / Media wall

APPLICATION

Mechanical retention for butt, rebated and inset doors.

COMMON DRILLING / SETTING OUT

Use source butt/rebate/inset alignment examples. Catch and stop screw sizesØ3.5/Ø3 are not pilot diameters.

Position on a trial door so roller engages without forcing the door gap.

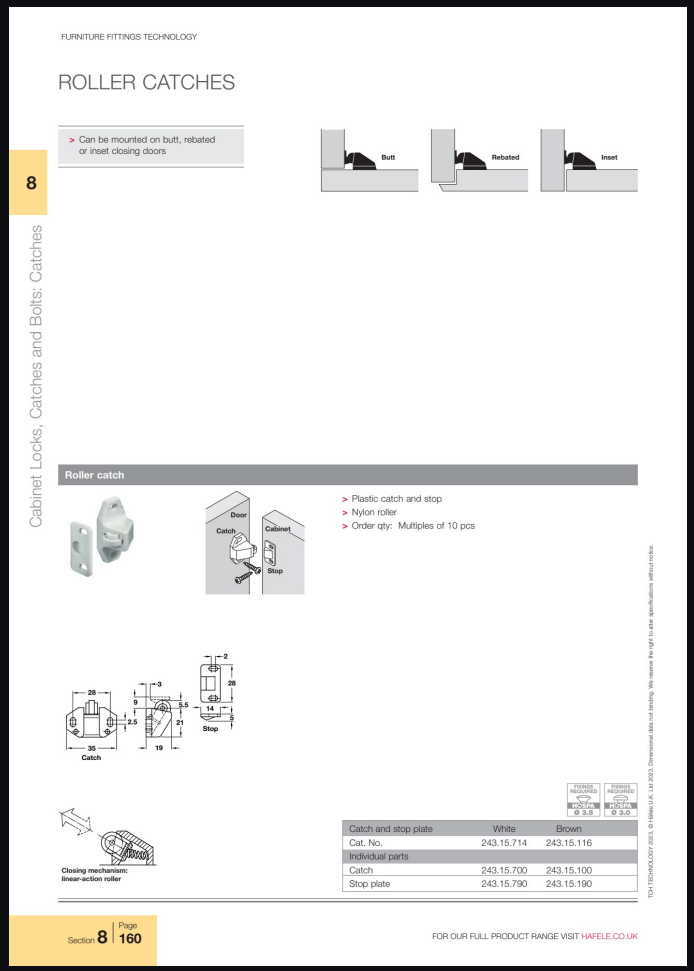
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
243.15.714 / 243.15.116	Catch and stop set white / brown	Source catch/stop hole patterns; same engagement geometry

BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

ORIGINAL HÄFELE SHEET / 8.160


FURNITURE FITTINGS TECHNOLOGY

ROLLER CATCHES

8

Cabinet Locks, Catches and Bolts: Catches

> Can be mounted on butt, rebated or inset closing doors

Butt Rebated Inset

Roller catch

> Plastic catch and stop
> Nylon roller
> Order qty: Multiples of 10 pcs

Door Catch Cabinet Stop

Catch Stop

Closing mechanism: linear-action roller

Catch and stop plate	White	Brown
Cat. No.	243.15.714	243.15.116
Individual parts		
Catch	243.15.700	243.15.100
Stop plate	243.15.790	243.15.190

Section 8 | Page 160

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 8.160
Source PDF page(s): 462. Full-size sheets in offline edition.

Press-fit ball catch

Kitchen / Wardrobe / Media wall

APPLICATION

Compact mechanical retention for small furniture doors.

COMMON DRILLING / SETTING OUT

Press-fit brass-plated catch with screw-fixed strike. Catch bore and body depth change with size.

Transfer the strike position from the installed catch, maintaining door gap.

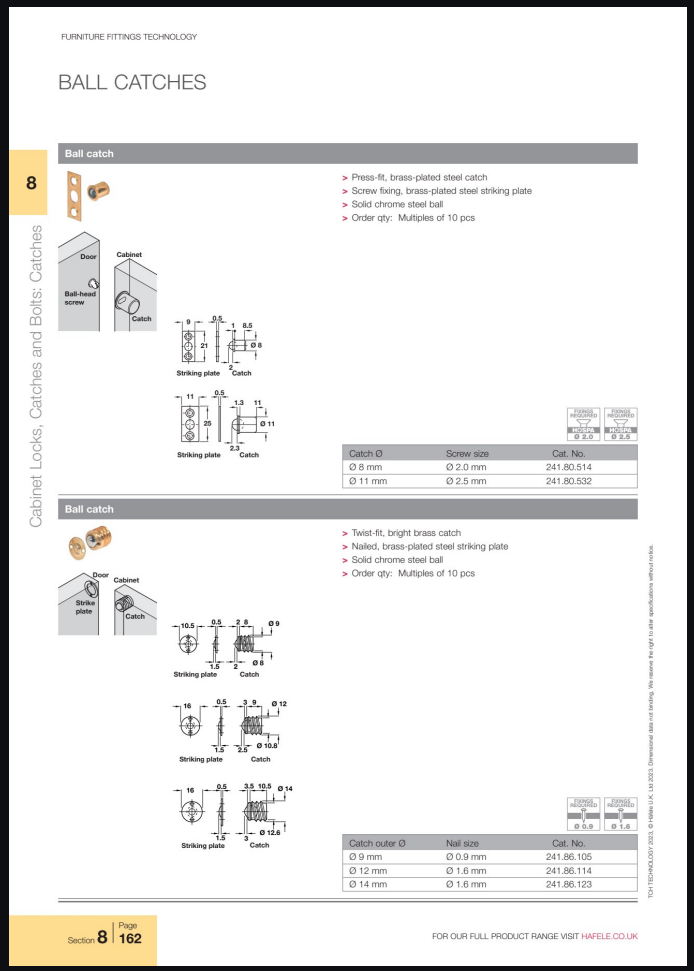
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
241.80.514	Ø8 catch	Body length 8.5 mm in drawing; strike screwØ2
241.80.532	Ø11 catch	Body length 11 mm in drawing; strike screwØ2.5

BEFORE MANUFACTURE

Confirm actual press-fit bore tolerance in material and strike alignment; do not treat strike screw diameter as pilot.

ORIGINAL HÄFELE SHEET / 8.162



FURNITURE FITTINGS TECHNOLOGY

BALL CATCHES

8

Cabinet Locks, Catches and Bolts: Catches

Ball catch

> Press-fit, brass-plated steel catch
> Screw fixing, brass-plated steel striking plate
> Solid chrome steel ball
> Order qty: Multiples of 10 pcs

Door, Cabinet, Ball-head screw, Catch

Striking plate, Catch

Catch Ø	Screw size	Cat. No.
Ø 8 mm	Ø 2.0 mm	241.80.514
Ø 11 mm	Ø 2.5 mm	241.80.532

Ball catch

> Twist-fit, bright brass catch
> Nailed, brass-plated steel striking plate
> Solid chrome steel ball
> Order qty: Multiples of 10 pcs

Door, Cabinet, Strike plate, Catch

Striking plate, Catch

Catch outer Ø	Nail size	Cat. No.
Ø 9 mm	Ø 0.9 mm	241.86.105
Ø 12 mm	Ø 1.6 mm	241.86.114
Ø 14 mm	Ø 1.6 mm	241.86.123

Section 8 | Page 162

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 8.162
Source PDF page(s): 464. Full-size sheets in offline edition.

Child safety drawer catch

Kitchen

APPLICATION

Inside-mounted lever-release catch that helps restrict a child opening a drawer.

COMMON DRILLING / SETTING OUT

Fit to inside of cabinet and drawer front, then align the lever and counterpiece using actual drawer travel.

Source overall catch 75×18×23 mm;Ø4 required screw size. Exact pilot and screw length depend on material.

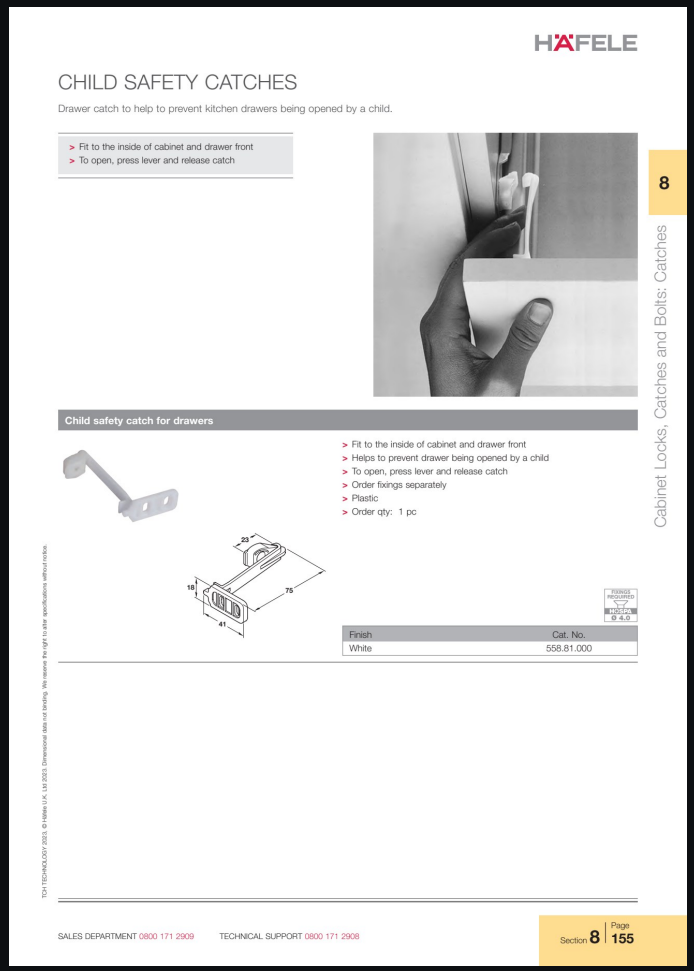
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
558.81.000	White child safety drawer catch	Use source mounting arrangement; no universal hole coordinates stated

BEFORE MANUFACTURE

Function-test release and engagement on every drawer. Treat as an additional catch, not a substitute for safe storage.

ORIGINAL HÄFELE SHEET / 8.155



HÄFELE

CHILD SAFETY CATCHES

Drawer catch to help to prevent kitchen drawers being opened by a child.

> Fit to the inside of cabinet and drawer front
> To open, press lever and release catch

8

Cabinet Locks, Catches and Bolts: Catches

Child safety catch for drawers

> Fit to the inside of cabinet and drawer front
> Helps to prevent drawer being opened by a child
> To open, press lever and release catch
> Order fixings separately
> Plastic
> Order qty: 1 pc

23
18
75
41

Finish	Cat. No.
White	558.81.000

SALES DEPARTMENT 0800 171 2909 TECHNICAL SUPPORT 0800 171 2908

Section 8 | Page 155

Häfele printed: 8.155
Source PDF page(s): 455. Full-size sheets in offline edition.

Symo 3000 rim lock

Kitchen / Wardrobe / Media wall

APPLICATION

Lockable cabinet doors or drawers with replaceable cylinder core.

COMMON DRILLING / SETTING OUT

Backset 23 mm; cylinder openingØ18; screw centres 32×32 mm in source case drawing.

Select handed lock, cylinder housing length and door thickness; order core, strike and rosette separately.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
232.26.610 / 232.26.600	Nickel left / right;22 mm housing	Ø18 cylinder;23 mm backset
232.26.620 / 232.26.680	Nickel drawer;22 /32 mm housing	Housing length changes door-thickness reach
232.26.340 / 232.26.330 / 232.26.350	Black left / right / drawer;22 mm	Same corresponding lock pattern

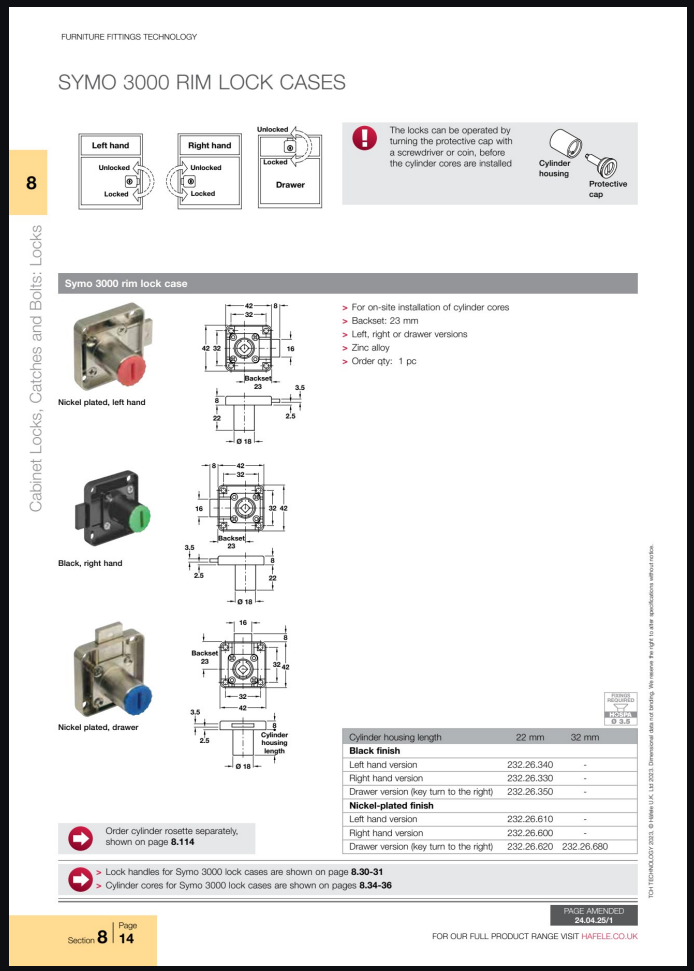
BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

COMPANION PARTS

Symo cylinder core/keying, appropriate strike and cylinder rosette.

ORIGINAL HÄFELE SHEET / 8.14



FURNITURE FITTINGS TECHNOLOGY

SYMO 3000 RIM LOCK CASES

8

Cabinet Locks, Catches and Bolts: Locks

Left hand — Unlocked / Locked

Right hand — Unlocked / Locked

Unlocked / Locked — Drawer

The locks can be operated by turning the protective cap with a screwdriver or coin, before the cylinder cores are installed

Cylinder housing

Protective cap

Symo 3000 rim lock case

> For on-site installation of cylinder cores
> Backset: 23 mm
> Left, right or drawer versions
> Zinc alloy
> Order qty: 1 pc

Nickel plated, left hand

Black, right hand

Nickel plated, drawer

Backset 23

Ø 18

Cylinder housing length

Cylinder housing length	22 mm	32 mm
Black finish		
Left hand version	232.26.340	-
Right hand version	232.26.330	-
Drawer version (key turn to the right)	232.26.350	-
Nickel-plated finish		
Left hand version	232.26.610	-
Right hand version	232.26.600	-
Drawer version (key turn to the right)	232.26.620	232.26.680

Order cylinder rosette separately, shown on page **8.114**

> Lock handles for Symo 3000 lock cases are shown on page **8.30-31**
> Cylinder cores for Symo 3000 lock cases are shown on pages **8.34-36**

PAGE AMENDED 24.04.25/1

Section 8 | Page 14

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 8.14, 8.34, 8.114
Source PDF page(s): 304, 324, 412. Full-size sheets in offline edition.

AXILO 78 adjustable plinth foot

Kitchen / Wardrobe / Media wall

APPLICATION

Levelling plinth cabinets and wardrobes with remote tool adjustment.

COMMON DRILLING / SETTING OUT

Foot plugs into separately selected top. Choose screw or press-fit top and transfer its exact pattern.

Source 250 kg is static load per foot; adjustment under load is separately limited to 80 kg in text. Do not equate the two.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
637.76.351 / 637.76.352	Nominal 60 /80 mm	Height range 53-70 /70-100 mm
637.76.353 / 637.76.354	Nominal 100 /125 mm	Range 90-120 /115-145
637.76.355 / 637.76.356 / 637.76.357	Nominal 150 /180 /200 mm	Range 140-170 /170-198 /190-220
637.76.333 / 637.76.335	Rectangular screw / press top	Use selected top drawing; .335 replaces .334

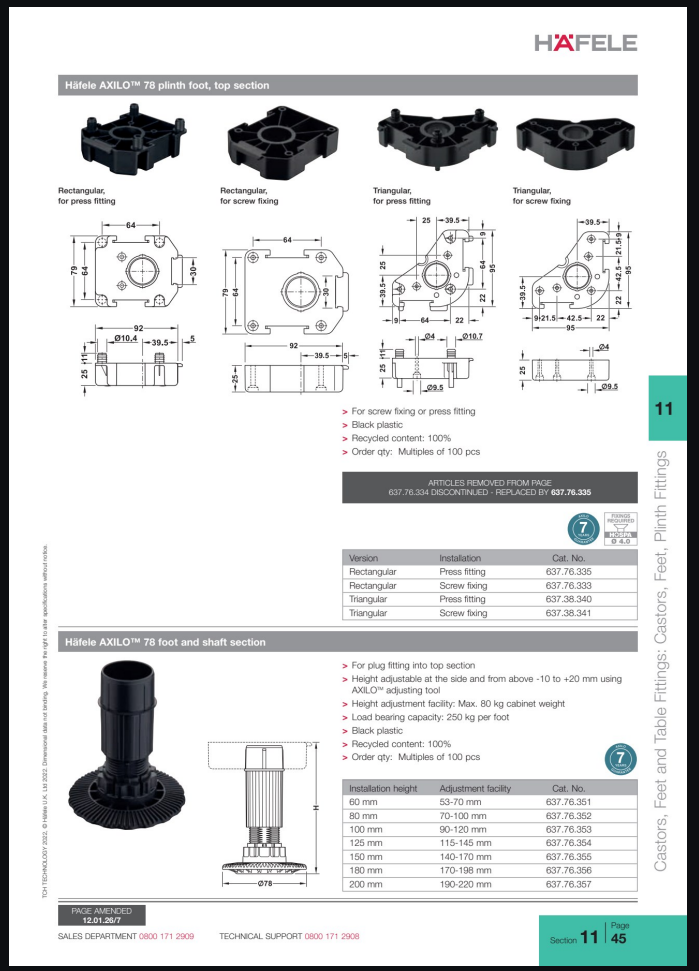
BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

COMPANION PARTS

Top section, foot/shaft, selected plinth clips and AXILO adjusting tool.

ORIGINAL HÄFELE SHEET / 11.45



HÄFELE

Häfele AXILO™ 78 plinth foot, top section

Rectangular, for press fitting | Rectangular, for screw fixing | Triangular, for press fitting | Triangular, for screw fixing

> For screw fixing or press fitting
> Black plastic
> Recycled content: 100%
> Order qty: Multiples of 100 pcs

ARTICLES REMOVED FROM PAGE
637.76.334 DISCONTINUED - REPLACED BY 637.76.335

Version	Installation	Cat. No.
Rectangular	Press fitting	637.76.335
Rectangular	Screw fixing	637.76.333
Triangular	Press fitting	637.38.340
Triangular	Screw fixing	637.38.341

Häfele AXILO™ 78 foot and shaft section

> For plug fitting into top section
> Height adjustable at the side and from above -10 to +20 mm using AXILO™ adjusting tool
> Height adjustment facility: Max. 80 kg cabinet weight
> Load bearing capacity: 250 kg per foot
> Black plastic
> Recycled content: 100%
> Order qty: Multiples of 100 pcs

Installation height	Adjustment facility	Cat. No.
60 mm	53-70 mm	637.76.351
80 mm	70-100 mm	637.76.352
100 mm	90-120 mm	637.76.353
125 mm	115-145 mm	637.76.354
150 mm	140-170 mm	637.76.355
180 mm	170-198 mm	637.76.356
200 mm	190-220 mm	637.76.357

PAGE AMENDED 12.01.26/7

SALES DEPARTMENT 0800 171 2909 TECHNICAL SUPPORT 0800 171 2908

Section 11 | Page 45

11

Castors, Feet and Table Fittings: Castors, Feet, Plinth Fittings

Häfele printed: 11.44, 11.45, 11.46
Source PDF page(s): 1264, 1265, 1266. Full-size sheets in offline edition.

Internal panel leveller adjuster

Kitchen / Wardrobe / Media wall

APPLICATION

Level furniture panels from inside rather than reaching the base foot.

COMMON DRILLING / SETTING OUT

Panel minimum 18 mm in source. AccessØ8 forS 6 Allen key orØ6 forS 4; follow 16 mm/50 mm body datum detail.

Body recessØ30,16 mm deep in source drawing; maximum adjustment 10 mm. Use this adjuster as its own assembly.

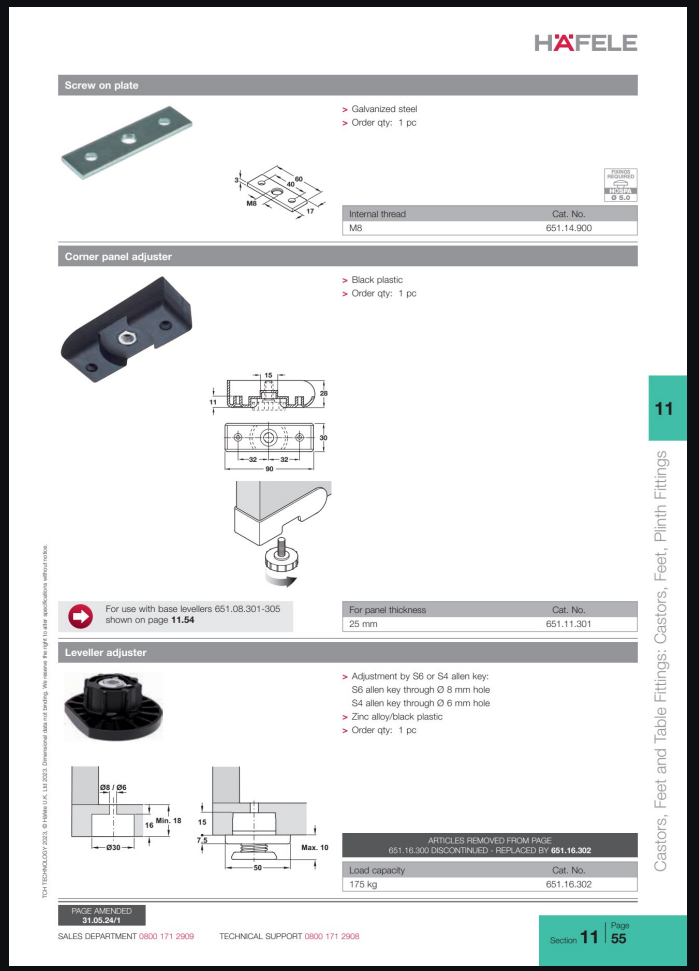
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
651.16.302	Leveller adjuster; revised article	175 kg stated capacity; replaces 651.16.300

BEFORE MANUFACTURE

Check access bore alignment, panel thickness and installed foot engagement.

ORIGINAL HÄFELE SHEET / 11.55



HÄFELE

Screw on plate

> Galvanized steel
> Order qty: 1 pc

Internal thread	Cat. No.
M8	651.14.900

Corner panel adjuster

> Black plastic
> Order qty: 1 pc

For use with base levellers 651.08.301-305 shown on page **11.54**

For panel thickness	Cat. No.
25 mm	651.11.301

Leveller adjuster

> Adjustment by S6 or S4 allen key:
S6 allen key through Ø 8 mm hole
S4 allen key through Ø 6 mm hole
> Zinc alloy/black plastic
> Order qty: 1 pc

ARTICLES REMOVED FROM PAGE
651.16.300 DISCONTINUED - REPLACED BY **651.16.302**

Load capacity	Cat. No.
175 kg	651.16.302

PAGE AMENDED 31.05.24/1

SALES DEPARTMENT 0800 171 2909 TECHNICAL SUPPORT 0800 171 2908

Section 11 | Page 55

11

Castors, Feet and Table Fittings: Castors, Feet, Plinth Fittings

Häfele printed: 11.54, 11.55
Source PDF page(s): 1276, 1277. Full-size sheets in offline edition.

Furniture foot and plate set

Wardrobe / Media wall

APPLICATION

Visible 100 mm support legs for freestanding or low fitted units.

COMMON DRILLING / SETTING OUT

Set includes four feet and four round mounting plates. Installed height 100 mm; use the source 60.5/24.5/15 mm plate layout.

RequiredØ3.5 screw size; pilot and screw depth depend on panel.

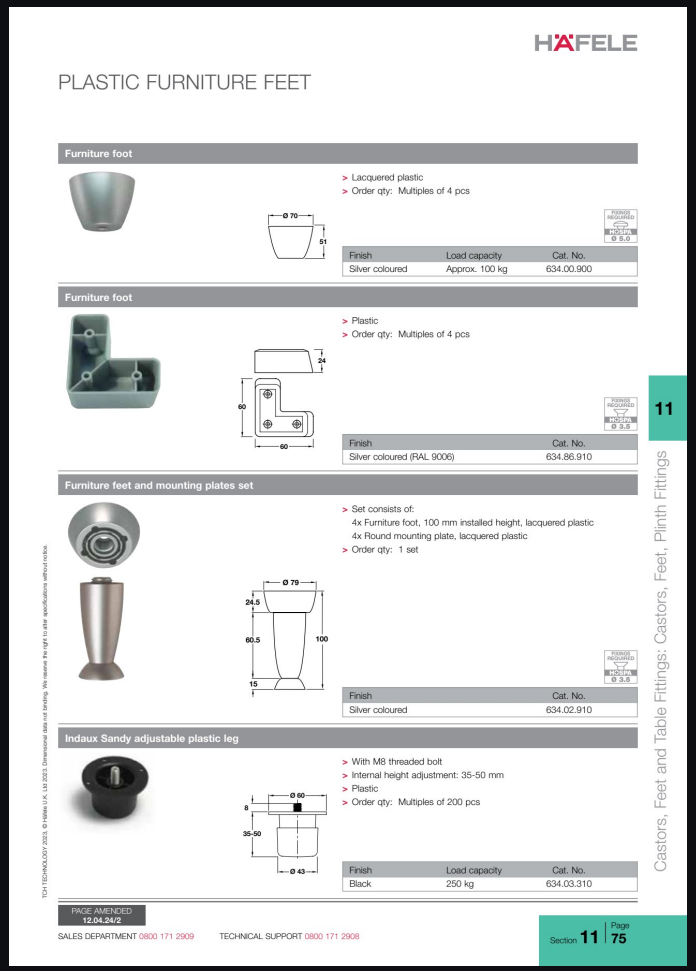
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
634.02.910	Silver furniture feet/plates set	Four feet;100 mm installed height; source plate drilling drawing

BEFORE MANUFACTURE

Source does not state a capacity for this exact set; obtain load rating and verify base fixing before use.

ORIGINAL HÄFELE SHEET / 11.75



HÄFELE

PLASTIC FURNITURE FEET

Furniture foot

> Lacquered plastic
> Order qty: Multiples of 4 pcs

Finish	Load capacity	Cat. No.
Silver coloured	Approx. 100 kg	634.00.900

Furniture foot

> Plastic
> Order qty: Multiples of 4 pcs

Finish	Cat. No.
Silver coloured (RAL 9006)	634.86.910

Furniture feet and mounting plates set

> Set consists of:
4x Furniture foot, 100 mm installed height, lacquered plastic
4x Round mounting plate, lacquered plastic
> Order qty: 1 set

Finish	Cat. No.
Silver coloured	634.02.910

Indaux Sandy adjustable plastic leg

> With M8 threaded bolt
> Internal height adjustment: 35-50 mm
> Plastic
> Order qty: Multiples of 200 pcs

Finish	Load capacity	Cat. No.
Black	250 kg	634.03.310

PAGE AMENDED 12.04.24/2

SALES DEPARTMENT 0800 171 2909 TECHNICAL SUPPORT 0800 171 2908

11 Castors, Feet and Table Fittings: Castors, Feet, Plinth Fittings

Section 11 | Page 75

Häfele printed: 11.75
Source PDF page(s): 1301. Full-size sheets in offline edition.

Cabinet ventilation grille family

Kitchen / Media wall

APPLICATION

Passive cabinet ventilation for appliances and media equipment.

COMMON DRILLING / SETTING OUT

Use required free area and airflow path from equipment instructions. Outer size is not the cutout.

Clip fixing applies to 10-20 mm material in source; verify engagement and edge clearance.

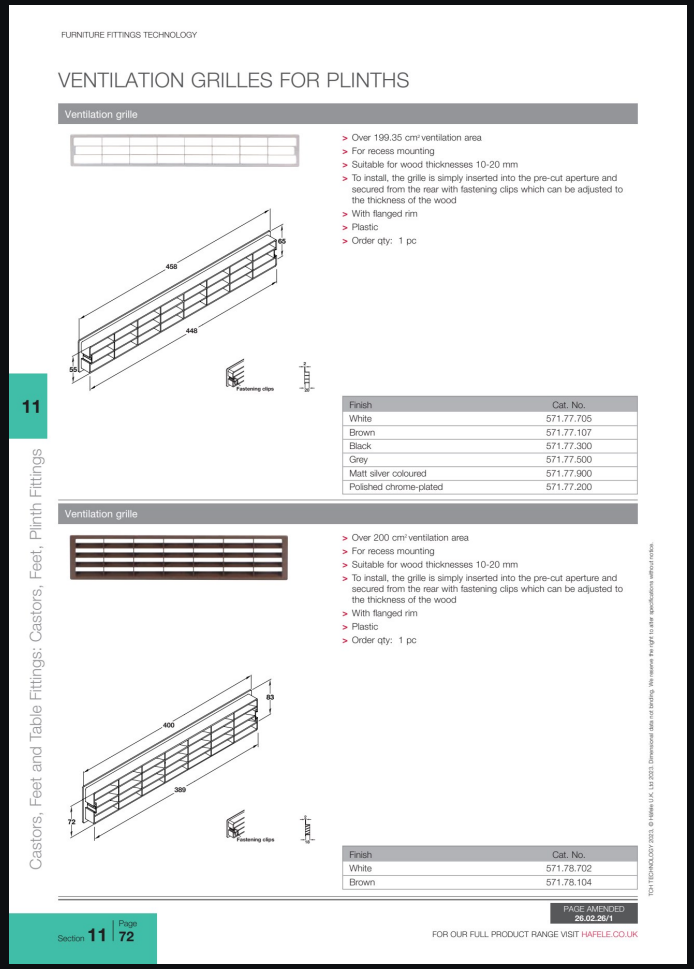
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
571.77.705 / 571.77.300 / 571.77.900	458×65 white / black / silver	Cutout 448×55 mm; free area>199.35 cm²
571.78.702 / 571.78.104	400×83 white / brown	Cutout 389×72 mm; free area>200 cm²

BEFORE MANUFACTURE

Verify actual equipment ventilation area and inlet/outlet separation.

ORIGINAL HÄFELE SHEET / 11.72



FURNITURE FITTINGS TECHNOLOGY

VENTILATION GRILLES FOR PLINTHS

Ventilation grille

> Over 199.35 cm² ventilation area
> For recess mounting
> Suitable for wood thicknesses 10-20 mm
> To install, the grille is simply inserted into the pre-cut aperture and secured from the rear with fastening clips which can be adjusted to the thickness of the wood
> With flanged rim
> Plastic
> Order qty: 1 pc

458
65
448
55
Fastening clips

Finish	Cat. No.
White	571.77.705
Brown	571.77.107
Black	571.77.300
Grey	571.77.500
Matt silver coloured	571.77.900
Polished chrome-plated	571.77.200

Ventilation grille

> Over 200 cm² ventilation area
> For recess mounting
> Suitable for wood thicknesses 10-20 mm
> To install, the grille is simply inserted into the pre-cut aperture and secured from the rear with fastening clips which can be adjusted to the thickness of the wood
> With flanged rim
> Plastic
> Order qty: 1 pc

400
83
389
72
Fastening clips

Finish	Cat. No.
White	571.78.702
Brown	571.78.104

11
Castors, Feet and Table Fittings: Castors, Feet, Plinth Fittings

PAGE AMENDED 26.02.26/1

Section 11 | Page 72

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 11.72
Source PDF page(s): 1298. Full-size sheets in offline edition.

Cable outlet family

Kitchen / Wardrobe / Media wall

APPLICATION

Cable passage through fitted worktops and media cabinetry; shapes/sizes grouped.

COMMON DRILLING / SETTING OUT

Use cutout dimension rather than cover outside dimension. Protect cables from rough edges and check connector size before boring.

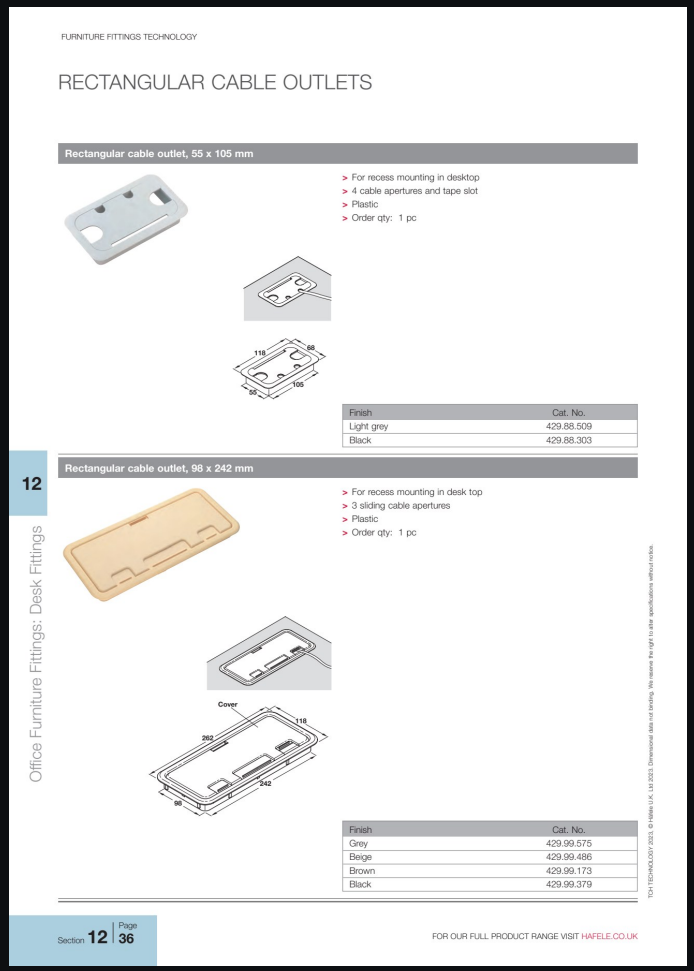
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
429.99.726 / 429.99.324	Round plasticØ60; white / black	Ø60 cutout; follow collar depth drawing
631.04.000	Round stainlessØ60	Ø60 cutout; use metal collar detail
429.99.575 / 429.99.379	Rectangular grey / black	Cutout 55×105; outside 68×118 mm
429.88.509 / 429.88.303	Large rectangular grey / black	Cutout 98×242; outside 118×262 mm

BEFORE MANUFACTURE

Check edge radii in rectangular drawings and cable plug clearance; keep power and signal routing appropriate to equipment.

ORIGINAL HÄFELE SHEET / 12.36



FURNITURE FITTINGS TECHNOLOGY

RECTANGULAR CABLE OUTLETS

Rectangular cable outlet, 55 x 105 mm

> For recess mounting in desktop
> 4 cable apertures and tape slot
> Plastic
> Order qty: 1 pc

Finish	Cat. No.
Light grey	429.88.509
Black	429.88.303

Rectangular cable outlet, 98 x 242 mm

> For recess mounting in desk top
> 3 sliding cable apertures
> Plastic
> Order qty: 1 pc

Finish	Cat. No.
Grey	429.99.575
Beige	429.99.486
Brown	429.99.173
Black	429.99.379

12 Office Furniture Fittings: Desk Fittings

Section 12 | Page 36

FOR OUR FULL PRODUCT RANGE VISIT HAFELE.CO.UK

Häfele printed: 12.32, 12.36
Source PDF page(s): 1380, 1384. Full-size sheets in offline edition.

Cable trunking and horizontal guide

Kitchen / Wardrobe / Media wall

APPLICATION

Concealed routing and support of cable harnesses behind fitted furniture.

COMMON DRILLING / SETTING OUT

Soft-top trunking is routed into slab edge; use 50×12 mm profile drawing and confirm rebate fit against sample.

Horizontal guides screw to a flat surface; leave access for cable replacement.

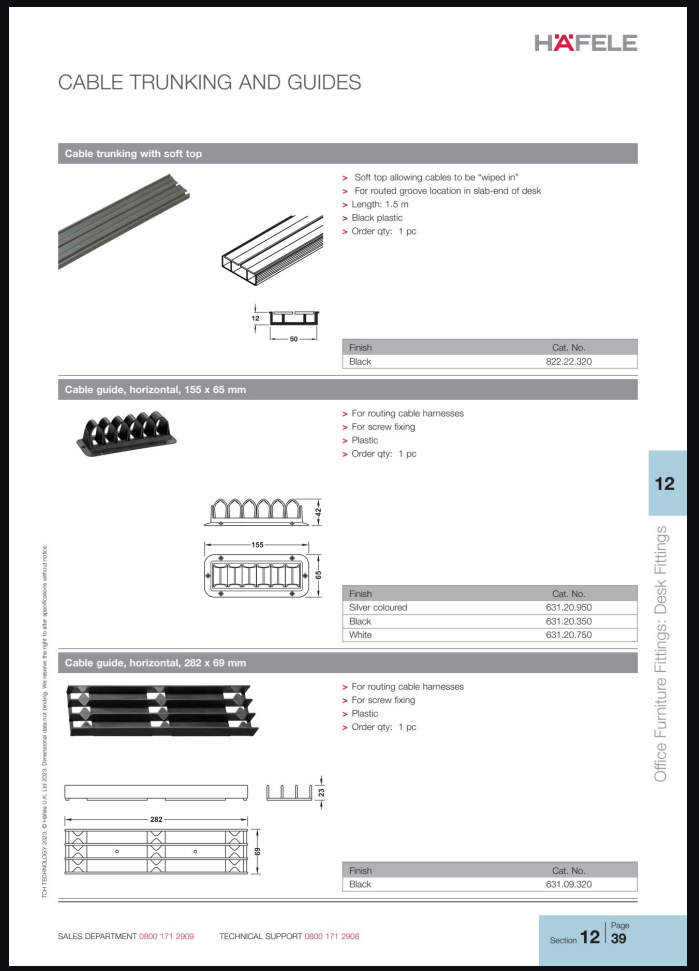
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
822.22.320	1500 mm soft-top black trunking	Routed groove follows profile; verify actual rebate width/depth
631.20.950 / 631.20.350 / 631.20.750	155×65 silver / black / white guide	Surface screw fixing; source footprint
631.09.320	282×69 horizontal black guide	Surface screw fixing; larger harness route

BEFORE MANUFACTURE

Confirm the selected article, actual panel material/thickness and fixing method; trial fit before batch machining.

ORIGINAL HÄFELE SHEET / 12.39


HÄFELE

CABLE TRUNKING AND GUIDES

Cable trunking with soft top

> Soft top allowing cables to be "wiped in"
> For routed groove location in slab-end of desk
> Length: 1.5 m
> Black plastic
> Order qty: 1 pc

Finish	Cat. No.
Black	822.22.320

Cable guide, horizontal, 155 x 65 mm

> For routing cable harnesses
> For screw fixing
> Plastic
> Order qty: 1 pc

Finish	Cat. No.
Silver coloured	631.20.950
Black	631.20.350
White	631.20.750

Cable guide, horizontal, 282 x 69 mm

> For routing cable harnesses
> For screw fixing
> Plastic
> Order qty: 1 pc

Finish	Cat. No.
Black	631.09.320

12

Office Furniture Fittings: Desk Fittings

SALES DEPARTMENT 0800 171 2909 TECHNICAL SUPPORT 0800 171 2908

Section 12 | Page 39

Häfele printed: 12.39
Source PDF page(s): 1387. Full-size sheets in offline edition.

Ellipta articulated screen arm

Media wall

APPLICATION

Small monitor positioning in a fitted desk or media niche.

COMMON DRILLING / SETTING OUT

VESA 75/100 screen interface. Desk clamp 14-70 mm or through-hole up to 80 mm with matching base.

Base, post and arm clamp are separate. Check articulated sweep and actual screen mass; this is a monitor arm, not a generic large-TV bracket.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
818.11.903	Long arm, spring height adjustment	Screen 3-5 kg; maximum extension 554.5 mm
818.11.952	Mid arm, heavy-duty spring	Screen 5-7.5 kg in order table; extension 353.5 mm
818.11.976 / 818.11.977	Short fixed-height arm	Screen 3-5 /5-7.5 kg; extension 80 mm

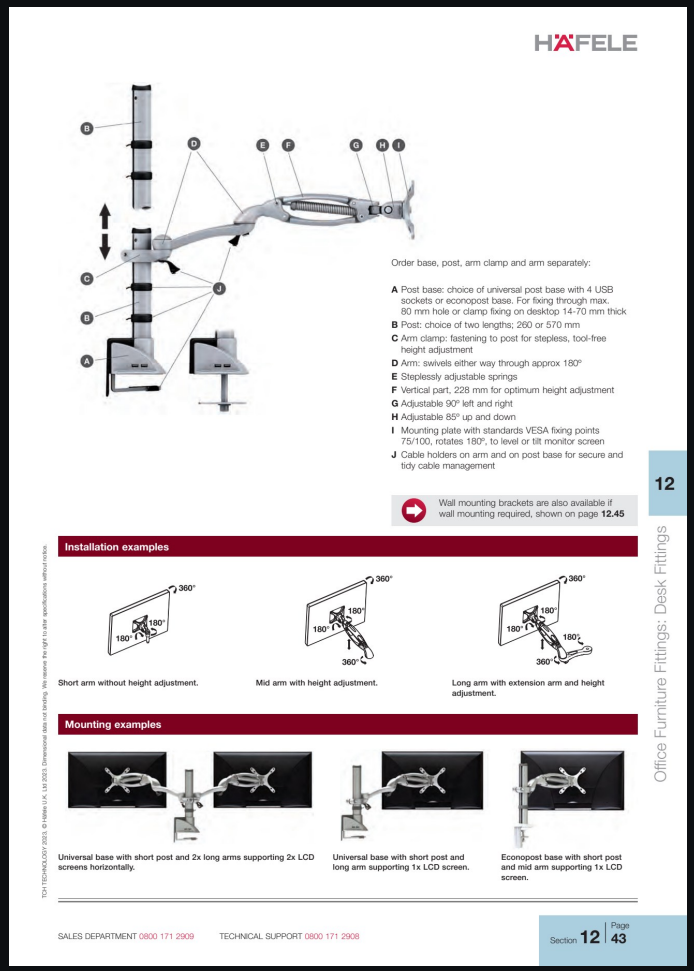
BEFORE MANUFACTURE

Confirm exact current screen/mount compatibility and support structure; verify full arm movement inside cabinet.

COMPANION PARTS

Post, base and arm clamp selected separately from 12.45.

ORIGINAL HÄFELE SHEET / 12.43


HÄFELE

Order base, post, arm clamp and arm separately:

A Post base: choice of universal post base with 4 USB sockets or econopost base. For fixing through max. 80 mm hole or clamp fixing on desktop 14-70 mm thick
B Post: choice of two lengths; 260 or 570 mm
C Arm clamp: fastening to post for stepless, tool-free height adjustment
D Arm: swivels either way through approx 180°
E Steplessly adjustable springs
F Vertical part, 228 mm for optimum height adjustment
G Adjustable 90° left and right
H Adjustable 85° up and down
I Mounting plate with standards VESA fixing points 75/100, rotates 180°, to level or tilt monitor screen
J Cable holders on arm and on post base for secure and tidy cable management

Wall mounting brackets are also available if wall mounting required, shown on page 12.45

12

Office Furniture Fittings: Desk Fittings

Installation examples

Short arm without height adjustment.

Mid arm with height adjustment.

Long arm with extension arm and height adjustment.

Mounting examples

Universal base with short post and 2x long arms supporting 2x LCD screens horizontally.

Universal base with short post and long arm supporting 1x LCD screen.

Econopost base with short post and mid arm supporting 1x LCD screen.

SALES DEPARTMENT 0800 171 2909 TECHNICAL SUPPORT 0800 171 2908

Section 12 | Page 43

Häfele printed: 12.43, 12.44, 12.45
Source PDF page(s): 1391, 1392, 1393. Full-size sheets in offline edition.

Media shelf turntable

Media wall

APPLICATION

Rotating equipment shelf with centre cable access on selected model.

COMMON DRILLING / SETTING OUT

Check full equipment sweep and cable bend radius. For screw fixing remove rubber layer where source permits and use matching hole circles.

Use original drawing for the selected material and bearing; load also requires adequate supporting panel.

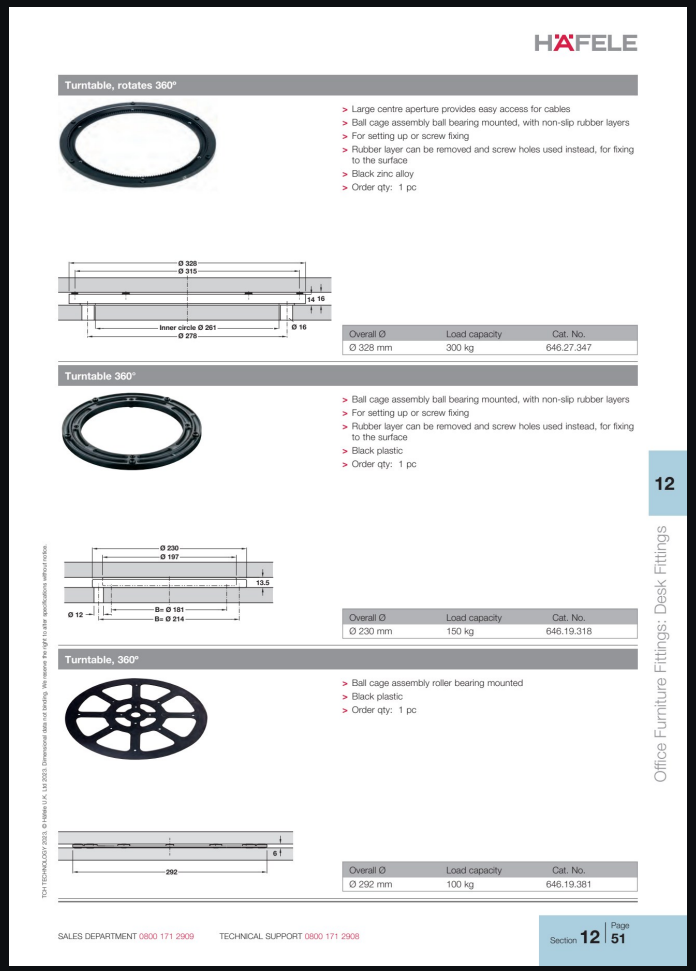
ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
646.27.347	Ø328 zinc-alloy 360° turntable	Source load 300 kg; inner openingØ261; fixing circles per drawing
646.19.318	Ø230 plastic 360° turntable	Source load 150 kg; use its own hole circles
646.19.381	Ø292 plastic roller-bearing turntable	Source load 100 kg;6 mm overall height

BEFORE MANUFACTURE

These are horizontal equipment turntables; verify stability and retained cable slack throughout rotation.

ORIGINAL HÄFELE SHEET / 12.51


HÄFELE

Turntable, rotates 360°

- Large centre aperture provides easy access for cables
- Ball cage assembly ball bearing mounted, with non-slip rubber layers
- For setting up or screw fixing
- Rubber layer can be removed and screw holes used instead, for fixing to the surface
- Black zinc alloy
- Order qty: 1 pc

Ø 328
Ø 313
14 16
Inner circle Ø 261
Ø 278
Ø 16

Overall Ø	Load capacity	Cat. No.
Ø 328 mm	300 kg	646.27.347

Turntable 360°

- Ball cage assembly ball bearing mounted, with non-slip rubber layers
- For setting up or screw fixing
- Rubber layer can be removed and screw holes used instead, for fixing to the surface
- Black plastic
- Order qty: 1 pc

Ø 230
Ø 197
13,5
Ø 12
B= Ø 181
B= Ø 214

Overall Ø	Load capacity	Cat. No.
Ø 230 mm	150 kg	646.19.318

Turntable, 360°

- Ball cage assembly roller bearing mounted
- Black plastic
- Order qty: 1 pc

6
292

Overall Ø	Load capacity	Cat. No.
Ø 292 mm	100 kg	646.19.381

12
Office Furniture Fittings: Desk Fittings

SALES DEPARTMENT 0800 171 2909 TECHNICAL SUPPORT 0800 171 2908

Section 12 | Page 51

Häfele printed: 12.51
Source PDF page(s): 1399. Full-size sheets in offline edition.

HAWA Concepta pocket-door family

Kitchen / Wardrobe / Media wall

APPLICATION

Full-height doors that pivot and slide into a cabinet pocket.

COMMON DRILLING / SETTING OUT

Door width 300-900 mm overall family range; check height/width-dependent load chart. Thickness 19-30 or rebated 30-50 mm according to source.

T=TB-M+73; E=T-73 (source datums). Choose pocket/connector width 55 single or 110 double and corresponding rebates. Full machining requires installation drawing 25737 or 25738.

ARTICLE VARIANTS + DIFFERENCES

ARTICLE CODE(S)	VARIANT	DRILLING / SETTING OUT
408.30.590	Concepta 25; height 1250-1850	Nominal max 25 kg; derate using width/height chart
408.30.591	Concepta 30; height 1851-2300	Nominal max 30 kg; source chart governs
408.30.592	Concepta 40; height 1851-2500	Nominal max 40 kg; source chart governs
408.30.593	Concepta 50; height 2301-2850	Nominal max 50 kg; verify chart and trolley layout

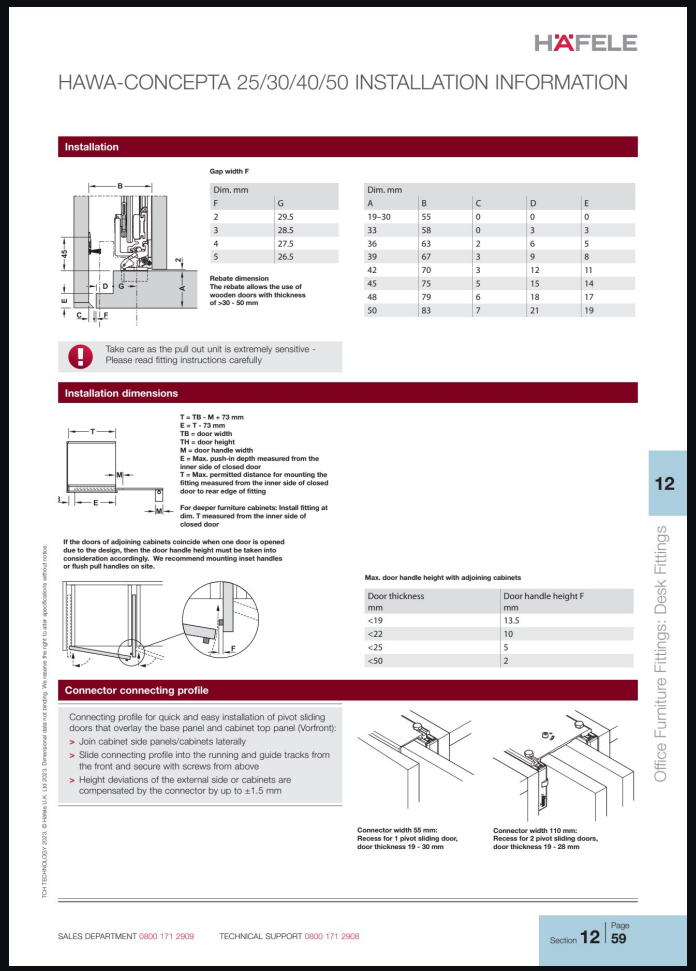
BEFORE MANUFACTURE

Source requires Planofit for wooden doors; obtain matching installation drawing and check handles, adjacent doors and pocket clearance.

COMPANION PARTS

Planofit straighteners; connecting profiles and handles selected separately; one set per door.

ORIGINAL HÄFELE SHEET / 12.59



HÄFELE

HAWA-CONCEPTA 25/30/40/50 INSTALLATION INFORMATION

Installation

Gap width F

Dim. mm F	G
2	29.5
3	28.5
4	27.5
5	26.5

Rebate dimension
The rebate allows the use of wooden doors with thickness of >30 - 50 mm

Dim. mm A	B	C	D	E
19–30	55	0	0	0
33	58	0	3	3
36	63	2	6	5
39	67	3	9	8
42	70	3	12	11
45	75	5	15	14
48	79	6	18	17
50	83	7	21	19

Take care as the pull out unit is extremely sensitive - Please read fitting instructions carefully

Installation dimensions

T = TB - M + 73 mm
E = T - 73 mm
TB = door width
TH = door height
M = door handle width
E = Max. push-in depth measured from the inner side of closed door
T = Max. permitted distance for mounting the fitting measured from the inner side of closed door to rear edge of fitting

For deeper furniture cabinets: Install fitting at dim. T measured from the inner side of closed door

If the doors of adjoining cabinets coincide when one door is opened due to the design, then the door handle height must be taken into consideration accordingly. We recommend mounting inset handles or flush pull handles on site.

Max. door handle height with adjoining cabinets

Door thickness mm	Door handle height F mm
<19	13.5
<22	10
<25	5
<50	2

Connector connecting profile

Connecting profile for quick and easy installation of pivot sliding doors that overlay the base panel and cabinet top panel (Vorfront):
- Join cabinet side panels/cabinets laterally
- Slide connecting profile into the running and guide tracks from the front and secure with screws from above
- Height deviations of the external side or cabinets are compensated by the connector by up to ±1.5 mm

Connector width 55 mm: Recess for 1 pivot sliding door, door thickness 19 - 30 mm

Connector width 110 mm: Recess for 2 pivot sliding doors, door thickness 19 - 28 mm

TOX TECHNOLOGY 2023. © Häfele U.K. Ltd 2023. Dimensional data not binding. We reserve the right to alter specifications without notice.

SALES DEPARTMENT 0800 171 2909 TECHNICAL SUPPORT 0800 171 2908

Section 12 | Page 59

12

Office Furniture Fittings: Desk Fittings

Häfele printed: 12.58, 12.59, 12.60, 12.61
Source PDF page(s): 1408, 1409, 1410, 1411. Full-size sheets in offline edition.