

# **Furniture hardware**

Hawa Miniroll

Hawa Ordena

Hawa Planfront

Hawa Aperto



www.hawa.com Rethink your space.

# **Quality, Support and Service**

#### **About Hawa Sliding Solutions**

Our metier since 1965 has been pivoting, sliding and folding hardware systems – along with the fascinating applications they have opened for our customers. Thus, we have grown into a name of international repute within our specialist areas of glass/metal/wood architectural hardware, and hardware for furniture.

We – and hence our customers – are totally committed to Swiss quality. Despite the fact that we now export over 80% of our output, production is located at home in Mettmenstetten. This is not least because our business philosophy is still based on characteristically Swiss values like precision, reliability, and durability.

#### About this catalogue

Optimising space, creating rooms, solving problems, saving time – our hardware carries an impact that reaches far beyond its essential sliding, stacking and folding functionality. This catalogue provides you with detailed ordering information and technical data for our entire range of glass/metal folding and sliding hardware systems. And should you have a specific requirement in the pipeline, please contact us – we are happy to be of help.

# Find out about the rest of the Hawa range:

#### Architectural hardware glass/metal

- Glass sliding doors with patch suspension
- Glass sliding doors with suspension/retainer profiles
- Glass sliding walls
- Metal sliding doors

#### **Architectural hardware wood**

- Sliding doors
- Folding/Centre fold "Accordion" wall
- Wood sliding partitions
- Windows

Catalogue order no: 15625

# Hardware for folding and sliding shutters

- Manual sliding shutters
- Automatic sliding shutters
- Manual folding sliding shutters
- Automatic folding sliding shutters

Catalogue order no: 20896

Catalogue order no: 15752

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Folding cabinet/wardrobe doors



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Accessories



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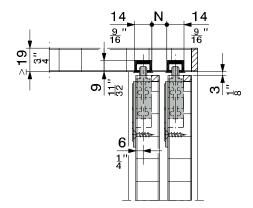
General Terms and Conditions (GTC)

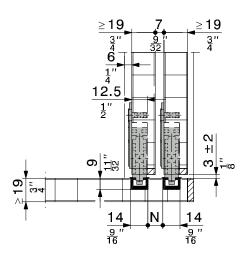
# **Product index**

			Recommended applications Material		erial	Curved Mode of fixing installations				
		Residential buildings	Public buildings	Industrial buildings	Wood	Glass	Minimum radius mm/inch	Inlaying sliding cabinet doors	Semi-overlaying sliding cabinet doors	Overlaying sliding cabinet doors
Sliding cabinet/wardrobe doors		•	•		•			•		
		•	•		•	•		•		
		•	•		•	•		•		
Side stacking cabinet/		•	•		•		2000 (6'6\frac{3}{4}")	•		
wardrobe doors										
Pivot sliding furniture doors		•	•		•			•		•
Folding cabinet/wardrobe doors, panels can be moved freely to and fro		•	•	•	•			•	•	•
Folding cabinet/wardrobe doors		•	•		•			•	•	•
Accessories										
Miccelleneous										
Miscellaneous										
			l	l		<u> </u>	•		I	I
	!						-			

	Track no	ise levels	www.h	awa.ch				
Flush	Low thanks to plastic roller surface	Relatively high because steel roller surface	Hawa Productfinder  → full information	Hawa Systemplanner → planning and quoting	Hardware systems  Hawa Miniroll 15/25  Hawa Ordena 70 P	Maximum do 15/25 kg 70 kg	or weight 33/55 lbs. 154 lbs.	Pages 6 8
	•		•		Hawa Ordena 70 F	70 kg	154 lbs.	12
•	•		•		Hawa 220 Planfront 70	70 kg	154 lbs.	16
•			•		Hawa Aperto 40 F	40 kg	88 lbs.	18
•	•		•		Hawa Concepta 25/30/40/50 Hawa Folding Concepta 25	25/30/40/50 kg	55/66/88/110 lbs.	22
•	•		•			25 kg	55 lbs.	32
•	•		•		Hawa Multifold 30	30 kg	66 lbs.	44
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					Bottom guide channels Soft closing system			50 51
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					General Terms and Conditions (GTC)			54
					Similar and Conditions (Croy)			

# Hawa Miniroll 15/25





Hardware system for bottom running sliding cabinet doors with a weight up to 15 kg (33 lbs.) or 25 kg (55 lbs.).

# Description

This hardware system permits extremely simple furniture construction. The top tracks and bottom guides are glued, which means that cabinet bottoms and tops with a thickness of only 19 mm  $(\frac{3}{4})$  can be used.

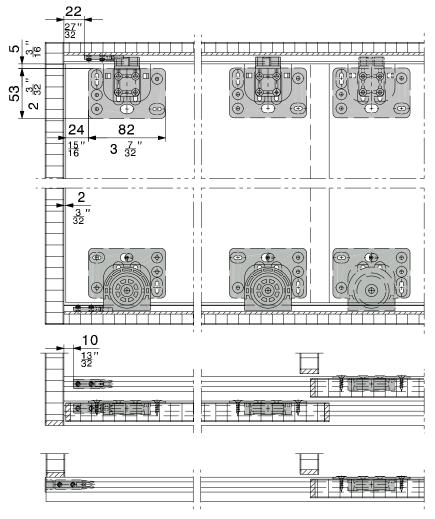
The sliding doors are vertically adjustable and are quick and easy to install. This is the ideal hardware system for interior designers and the furniture industry.

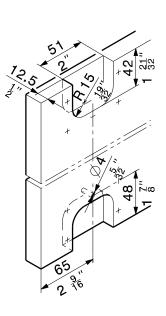
# Features of the Hawa Miniroll 15

- Single-wheeled trolley with sliding bearings
- Maximum sliding door weight, 15 kg (33 lbs.)

#### Features of the Hawa Miniroll 25

- Single-wheeled trolley with ball bearings
- Maximum sliding door weight, 25 kg (55 lbs.)
- Minimum door thickness, 19 mm (<sup>3</sup>/<sub>4</sub>")
- Vertically adjustable height  $\pm 2 \text{ mm} \left(\frac{3}{32}\right)$
- Track stop with retainer





# Sets without reversible top tracks/guide profiles

	panel	code
Harry Michaell 45	1	13432
Hawa Miniroll 15 (for sliding cabinet/wardrobe doors up to 15 kg [33 lbs.])	2	13433
(ior stiding capition wardrope doors up to 15 kg [55 lbs.])	3	13434
N	1	13754
Hawa Miniroll 25  (for sliding cabinet / wardrobe doors up to 25 kg [55 lbs ])	2	13755
or sliding cabinet/wardrobe doors up to 25 kg [55 lbs.])	3	13756

# Set comprising

		13432	13433	13434	13754	13755	13756	code
	Single-wheeled trolley, plastic with sleeve bearing (up to 15 kg [33 lbs.])	2	4	6	_	_	_	13427
	Single-wheeled trolley, plastic with ball bearing (up to 25 kg [55 lbs.])	_	_	-	2	4	6	13753
<b>3 1 1 1 1 1 1 1 1 1 1</b>	Fixing plate with plastic slider	2	4	6	2	4	6	13428
	Track stop with retaining effect, packed to 4-piece set	1	2	2	1	2	2	13430
	Countersunk head pressboard screws, 20-piece set	1	2	3	1	2	3	13431
(D)	Plug-in rubber door stop	_	_	1	_	_	1	10589
	Hex key, 2,5 mm (32"), black	1	1	1	1	1	1	13416

# Reversible top tracks/guide profiles

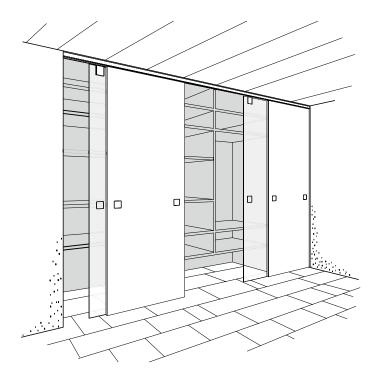
			mm/inch	code
	Set of 4-pieces reversible top tracks/	nlain	2500 (8'2 <sup>7</sup> / <sub>16</sub> ")	13577
	guide profiles, anodized, to glue in	plain	3500 (11'5 <sup>13</sup> / <sub>16</sub> ")	13579
		plain	6000 (19'8 <sup>7</sup> / <sub>32</sub> ")	13772
	Reversible top tracks/guide profiles, anodized, to glue in	piaiii	cut to size	13414
		black	6000 (19'8 <sup>7</sup> / <sub>32</sub> ")	13302
		DIACK	cut to size	13407
Guide cover cap, plastic black				13304

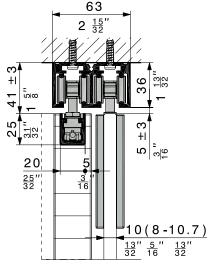
# Order specifications

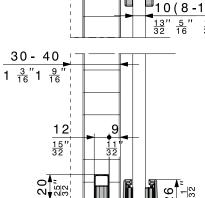
- Number and type of hardware sets
- Number and type of track sets or
- Type and length of top track
- Number of guide cover caps

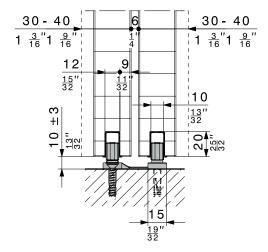
# Planning/installation

Please use for planning and execution the installation instructions code 13807. ( $\rightarrow$  www.hawa.ch  $\rightarrow$  Hawa Productfinder)











Hardware system with patch-fitting floor guides for wooden and/or glass sliding doors weighing up to 70 kg (154 lbs.).

# Description

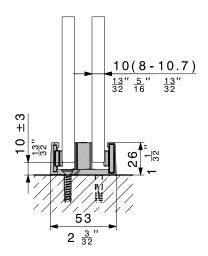
A fit-anywhere, frameless sliding hardware system for wooden and glass sliding doors weighing up to 70 kg (154 lbs.). Ideal not only for walk-in closets, but also for room-height and flexible partitions in residential and office settings. The possibility of combining glass and wood sliding doors gives new freedom to architects and installers. Patch-fitting, rattle-proof floor guides are available for all wood and/or glass combinations. Hawa Ordena 70 P has also been designed with problem-free retrofitting in mind.

# **Applications**

Everywhere that variable space utilisation and unrestricted access should leave a tidy impression, e.g. walk-in closets for office and residential settings, and as a partition or aesthetic room divider in hotels, restaurants, hospitals, schools, offices, and private residential

#### Features of the Hawa Ordena 70 P

- · Top-running sliding system, impervious to dust and dirt
- Possibility to combine wood and glass sliding doors
- Patch-fitting, rattle proof floor guide
- Frameless and easy to install
- Maximum door weight 70 kg (154 lbs.)
- Maximum door height 2600 mm (8'6<sup>3</sup>/<sub>8</sub>")
- Minimum door width 600 mm  $(1'11\frac{5}{8}")$
- Door thickness, wood 30–40 mm  $(1\frac{3}{16}^{1}-1\frac{19}{32}^{1})$
- Door thickness, glass:
- ESG (fully tempered monolithic glass): 8/10 mm ( $\frac{5}{16}$  / $\frac{13}{32}$ ") VSG (fully tempered laminated glass): 8,7–10,7 mm  $(\frac{11}{32} - \frac{7}{16})$
- 2-8 mm  $(\frac{3}{32}$ "  $-\frac{5}{16}$ ") minimum clearance between the top track and the top edge of the sliding door
- Glass doors use popular Hawa Junior GP suspensions





#### Partial sets Hawa Ordena 70 P

		code
Hawa Ordena 70, partial sets for 1 door	wood	19120
	glass ESG1/VSG2	20586

# **Partial sets comprising**

		19120	20586	code
CE TO	Four-wheeled trolley, M7, plastic-tyred wheels	2	2	10374
	Top fixed suspension with plate M7	2	_	19276
	Cover cap for suspension profile, platic anthracite-grey RAL 7016	2	_	21520
e e	Patch suspension with glass holder insert, ESG¹/VSG²	_	2	20505
	Suspension bolt M7 and mounting screws	_	1	19117
	Hex key, 4 mm ( $\frac{5}{32}$ "), length 160 mm ( $6\frac{5}{16}$ ")	1	_	19931

# **Door stop sets**

	number of doors	code
Door stop set for systems with point guidance, incl. single use drilling jig, ESG¹/VSG²	2-3	20588
	4 – 5	20589
	6 – 7	20590

#### **Sets comprising**

		20588	20589	20590	code
	Track stop, plastic, with adjustable retainer	4	8	12	10602
T	Single use drilling jig, ESG <sup>1</sup> /VSG <sup>2</sup>	1	1	1	20400
•	Screw-on rubber door stop	2	2	2	10629
C. P.	Suspsension assembly locking wrench	1	1	1	10778
	Hex key, 3 mm $(\frac{1}{8}")$ short version	1	1	1	10785
	Vertical adjustment pin	1	1	1	16329

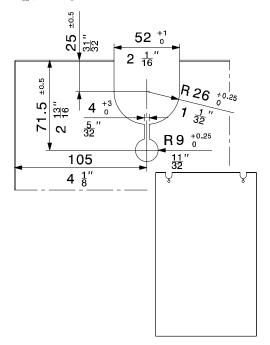
# **Top tracks**

Caution: Hole positions vary		mm/inch	code
1.11		2500 (8'2 <sup>7</sup> / <sub>16</sub> ")	19213
	Dual top track, alu plain	3500 (11'5 13 ")	19214
	anodized, predrilled	6000 (19'8 <sup>7</sup> / <sub>32</sub> ")	19215
		cut to size	19127
		2500 (8'2 <sup>7</sup> / <sub>16</sub> ")	19370
	Single top track, alu plain	3500 (11'5 13")	19371
	anodized, predrilled	6000 (19'8 <sup>7</sup> / <sub>32</sub> ")	19372
		cut to size	19373

# Glass cutouts for sliding door

Both glass ESG (fully tempered monolithic glass) and VSG (fully tempered laminated glass) can be used.

- Glass thickness sliding door ESG (fully tempered monolithic glass):  $8/10 \text{ mm} \left(\frac{5}{16}\right)^{1/33}$ , thickness tolerance  $\pm 0.3 \text{ mm}$
- Glass thickness sliding door VSG (fully tempered laminated glass):  $2x4 \pm 0.2 \text{ mm} \rightarrow \text{film thickness } 0.38/0.76/1.52 \text{ mm}$  $2x5 \pm 0.2 \text{ mm} \rightarrow \text{film thickness } 0.38/0.76 \text{ mm}$
- All glass edges are seamed; maximum 1 mm  $(\frac{1}{16}")$  in the glass cutout
- VSG (fully tempered laminated glass) permissible with max. offset of 2 mm  $(\frac{3}{32}")$  in the glass cutout

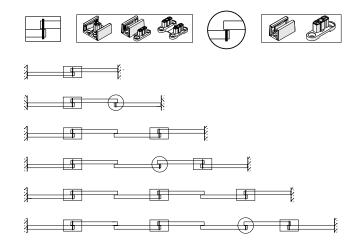


# Floor guides

	code
Dual floor guide, rattle-proof, glass/glass, 8–10,7 mm $(\frac{5\pi}{16}^{-}-\frac{7\pi}{16}^{-})$ , inc. self-adhesive sliders for satinised glass, dull chromium finish	19138
Dual floor guide, rattle-proof, glass/wood, 8–12,7 mm $(\frac{5}{16}" - \frac{1}{2}")$ , inc. self-adhesive sliders for satinised glass, dull chromium finish	19139
Dual floor guide, screw mounting, rattle proof, wood/wood	19140
Single floor guide, screw mounting, rattle proof, wood	14283
Rattle-proof floor guide inc. self-adhesive sliders for satinised glass, glass thickness $8-12,7$ mm $\left(\frac{5}{16}"-\frac{1}{2}"\right)$ , dull chromium finish	16029
Guide profile plastic black, 20 x 12 x 1300 mm (ﷺ x 4'3 ¾"), groove mounted, set of 10 pieces	14540

# Screw-in floor guide variants

Single and dual point guidance.



# **Cover plates**

			code
	Rounded cover plate, plastic,	1 piece	16049
	dull chromium finish	4-pieces set	16042
	Rounded cover plate, plastic,	1 piece	17161
	polished chromium finish	4-pieces set	17160
	Rounded cover plate, plastic,	1 piece	16050
	brass polished	4-pieces set	16043
	Rounded cover plate, plastic,	1 piece	16051
	stainless-steel effect	4-pieces set	16044
	Rounded cover plate, plastic, raw	1 piece	15823
4	Square cover plates, plastic,	1 piece	19091
	dull chromium finish	4-pieces set	19092
	Square cover plates, plastic,	1 piece	19093
	stainless-steel effect	4-pieces set	19094
	Square cover plate, plastic, raw	1 piece	19000

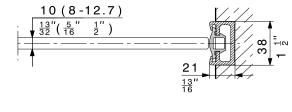


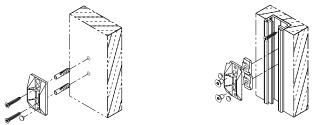
#### Wall connection profile

Caution: Minor differen	nces in colour are	possible	mm/inch	code
MD.		plain	2500 (8'2 <sup>7</sup> / <sub>16</sub> ")	17020
	Wall profile,	anodized	3500 (11'5 13")	17021
	alu, undrilled	stainless	2500 (8'2 <sup>7</sup> / <sub>16</sub> ")	20119
		steel effect, brushed	3500 (11'5 13")	20120
1			roll of 2500 (8'2 7 16")	16452
	for wall profile		roll of 3500 (11'5 13")	16453
Centering assembly black for all glass sliding doors, to wall profile			18663	
Centering assembly grey for all glass sliding doors			18619	

#### Wall connection profile

The ideal wall connection profile for all-glass sliding doors with unprotected glass edges.



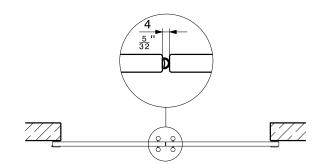


# Rubber profile for glass edge protection

		roll of	code
	Rubber profile self-adhesive,	5 m (16'4 <sup>27</sup> ")	19442
	for 8/10 mm $(\frac{5}{16}"/\frac{13}{32}")$ glass thickness, black,	10 m (32'9 <sup>23</sup> / <sub>32</sub> ")	19443
	glass distance 4 mm ( $\frac{5}{32}$ ")	50 m (164'½")	19444
	Rubber profile self-adhesive, for 8/10 mm $(\frac{5}{10}^{9})^{\frac{1}{13}^{9}}$ glass thickness, translucent, glass distance 4 mm $(\frac{5}{32}^{9})$	5 m (16'4 <sup>27</sup> ")	19445
		10 m (32'9 <sup>23</sup> / <sub>32</sub> ")	19446
		50 m (164'½")	19447

# Rubber profile for glass edge protection

Self-adhesive rubber profile fitted along the glass edge minimises draughts and buffers impacts between adjacent all-glass sliding doors.



#### Accessories

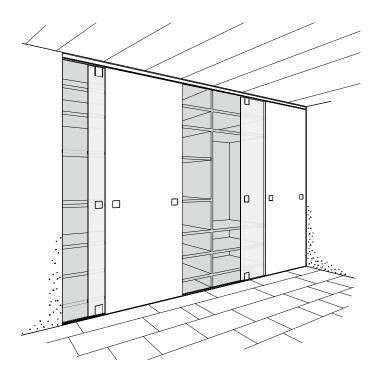
Accessories: → pages 50-52

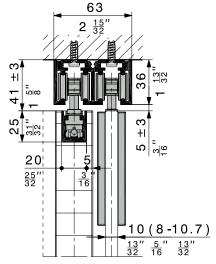
# Order specifications

- Type and quantity of partial sets
- Type and quantity of door stop sets
- Type and quantity of floor guides
- Type and length of top track
- For glass doors
  - Type and quantity of cover plates
  - Length of rubber profile for glass edge protection
  - Quantity of centering assembly for wall connection profile

# Planning/installation

Please use the installation drawing code 19433 for planning and execution. (→ www.hawa.ch → Hawa Productfinder)







Hardware system with continuous bottom guide profile for wooden and/or glass sliding doors weighing up to 70 kg (154 lbs.).

#### Description

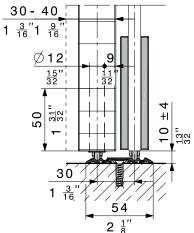
A fit-anywhere, frameless sliding hardware system for wooden and/or glass sliding doors weighing up to 70 kg (154lbs.). Ideal not only for walk-in closets, but also for room-height and flexible partitions in residential and office settings. The possibility of combining glass and wood sliding doors gives new freedom to architects and installers. The combination of a surface mounted continuous bottom guide profile and spring loaded floor guides easily accommodates differences in floor-to-ceiling height and permits any combination of wood and/or glass. Hawa Ordena 70 F has also been designed with problem-free retrofitting in mind.

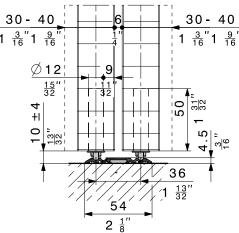
#### **Applications**

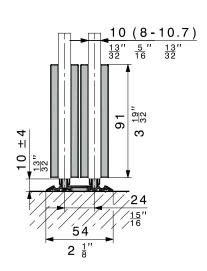
Everywhere that variable space utilisation and unrestricted access should leave a tidy impression, e.g. walk-in closets for office and residential settings, and as a partition or aesthetic room divider in hotels, restaurants, hospitals, schools, offices and private residential interiors.

#### Features of the Hawa Ordena 70 F

- Top-running sliding system, impervious to dust and dirt
- Possibility to combine wood and glass sliding doors
- Wide doors are kept firmly on track by two spring loaded floor guides
- Clip or stick-on 4,5 mm  $(\frac{13}{16}")$  high floor guide track
- Frameless and easy to install
- Doors can slide across the entire opening width
- Centre stop to hold sliding doors in position
- Maximum door weight 70 kg (154 lbs.)
- Maximum door height 2600 mm (8'6 3 ")
- Minimum door width 600 mm  $(1'11\frac{5}{8}")$
- Door thickness, wood 30–40 mm (1 3 16 1-1 19 1)
- Door thickness, glass:
- ESG (fully tempered monolithic glass): 8/10 mm ( $\frac{5}{16}$  "/ $\frac{13}{32}$ ") VSG (fully tempered laminated glass): 8,7–10,7 mm  $(\frac{71}{32})^{-1}$  ( $\frac{7}{32}$ )  $-\frac{7}{16}$ )
- 2-8 mm  $(\frac{3}{32} \frac{5}{16})$  minimum clearance between the top track and the top edge of the sliding doors
- Glass doors use popular Hawa Junior GP suspension









#### Partial sets Hawa Ordena 70 F

		code
Have Order 70 modfal asta for today	wood	19120
Hawa Ordena 70, partial sets for 1 door	glass ESG1/VSG2	20586

#### **Partial sets comprising**

		19120	20586	code
CE TO	Four-wheeled trolley, M7, plastic-tyred wheels	2	2	10374
	Top fixed suspension with plate M7	2	_	19276
	Cover cap for suspension profile, platic anthracite-grey RAL 7016	2	_	21520
e e	Patch suspension with glass holder insert, ESG¹/VSG²	_	2	20505
	Suspension bolt M7 and mounting screws	_	1	19117
	Hex key, 4 mm ( $\frac{5}{52}$ "), length 160 mm (6 $\frac{5}{16}$ ")	1	_	19931

#### Caution: Hole positions vary mm/inch code 2500 (8'27") 19213 3500 (11'5 13") 19214 Dual top track, alu plain anodized, predrilled 6000 (19'8 $\frac{7}{32}$ ") 19215 cut to size 19127 19370 2500 (8'27") 3500 (11'5 13") 19371 Single top track, alu plain anodized, predrilled 19372 6000 (19'8 7/32") 19373 cut to size

#### Door stop sets

	number of doors	code
Door stop set for system with bottom guide channel, incl. single use drilling jig, ESG¹/VSG²	2	20588
	3	20591
Door stop set for system with bottom guide channel, incl. centre stop and single use drilling jig, ESG¹/VSG²	4	20592
	5	20593
2007700	6	20594

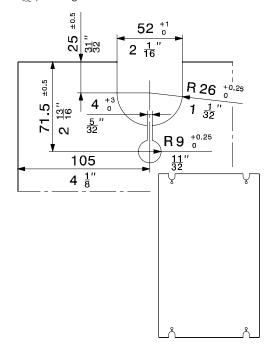
#### Sets comprising

		20588	20591	20592	20593	20594	code
	Track stop, plastic, with adjustable retainer	4	4	4	4	4	10602
	Centre stop, complete	_	1	2	3	4	19277
	Single use drilling jig, ESG¹/VSG²	1	1	1	1	1	20400
•	Screw-on rubber door stop	2	2	2	2	2	10629
C. P.	Suspsension assembly locking wrench	1	1	1	1	1	10778
	Hex key, 3 mm $(\frac{1}{8}")$ short version	1	1	1	1	1	10785
	Vertical adjustment pin	1	1	1	1	1	16329

# Glass cutouts for sliding door

Both glass ESG (fully tempered monolithic glass) and VSG (fully tempered laminated glass) can be used.

- Glass thickness sliding door ESG (fully tempered monolithic glass):  $8/10 \text{ mm} (\frac{5}{16} / \frac{13}{32}), \text{ thickness tolerance } \pm 0.3 \text{ mm}$
- Glass thickness sliding door VSG (fully tempered laminated glass):  $2x4 \pm 0.2 \text{ mm} \rightarrow \text{film thickness } 0.38/0.76/1.52 \text{ mm}$  $2x5 \pm 0.2 \text{ mm} \rightarrow \text{film thickness } 0.38/0.76 \text{ mm}$
- All glass edges are seamed; maximum 1 mm (  $\frac{1}{16} \!\!\!"$  ) in the glass cutout
- VSG (fully tempered laminated glass) permissible with max. offset of 2 mm  $(\frac{3}{32}")$  in the glass cutout





# Floor guides/bottom guide profile

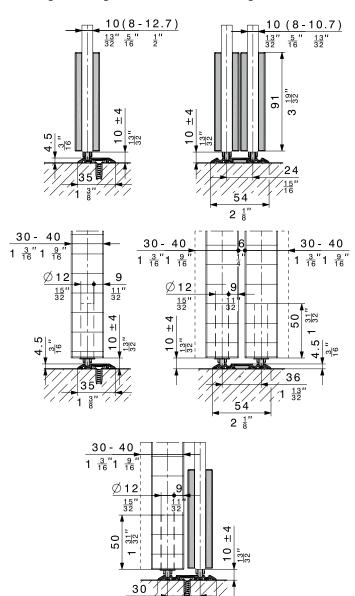
			code	
	Spring bottom guide for 1 glass sliding door ESG <sup>1</sup> /VSG <sup>2</sup> (2 pieces)		20587	
ĵĴ	Spring bottom guide for 1 wooden sliding door (2 p	vieces)	19155	
		2500 mm (8'2 <sup>7</sup> / <sub>16</sub> ")	18944	
	Dual bottom guide channel, alu plain anodized	3500 mm (11'5 13")	18945	
		6000 mm (19'8 <sup>7</sup> / <sub>32</sub> ")	18824	
		cut to size	18946	
		2500 mm (8'2 <sup>7</sup> / <sub>16</sub> ")	19348	
	Single bottom guide channel, alu plain	3500 mm (11'5 13")	19349	
	anodized	6000 mm (19'8 <sup>7</sup> / <sub>32</sub> ")	18956	
		cut to size	19350	
	Set of fixing parts for single bottom guide channel, 5 pieces (2 pieces per metre)			
For more guide options: → page 50				

#### **Cover plates**

			code
	Rounded cover plate, plastic,	1 piece	16049
	dull chromium finish	4-pieces set	16042
	Rounded cover plate, plastic,	1 piece	17161
	polished chromium finish	4-pieces set	17160
	Rounded cover plate, plastic,	1 piece	16050
	brass polished	4-pieces set	16043
	Rounded cover plate, plastic,	1 piece	16051
	stainless-steel effect	4-pieces set	16044
	Rounded cover plate, plastic, raw	1 piece	15823
	Square cover plates, plastic,	1 piece	19091
	dull chromium finish	4-pieces set	19092
	Square cover plates, plastic,	1 piece	19093
	stainless-steel effect	4-pieces set	19094
	Square cover plate, plastic, raw	1 piece	19000

# Floor guide variants

With single bottom guide channel or dual bottom guide channel.



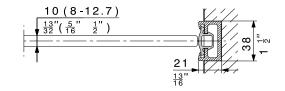


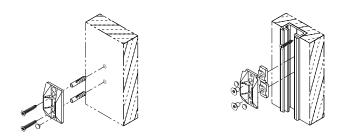
#### **Wall connection profile**

Caution: Minor differen	nces in colour are	possible	mm/inch	code
		plain	2500 (8'2 <sup>7</sup> / <sub>16</sub> ")	17020
	Wall profile,	anodized	3500 (11'5 13")	17021
	alu, undrilled	stainless	2500 (8'2 7 ")	20119
		steel effect, brushed	3500 (11'5 13")	20120
rol Seal profile, black,				16452
	for wall profile		roll of 3500 (11'5 13")	16453
Centering assembly black for all glass sliding doors, to wall profile				18663
Centering assembly grey for all glass sliding doors			18619	

#### Wall connection profile

The ideal wall connection profile for all-glass sliding doors with unprotected glass edges.



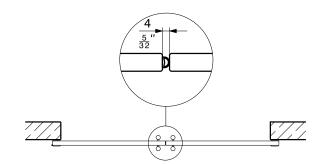


#### Rubber profile for glass edge protection

		roll of	code
	Rubber profile self-adhesive,	5 m (16'4 <sup>27</sup> ")	19442
	for 8/10 mm $(\frac{5}{16}"/\frac{13}{32}")$ glass thickness, black,	10 m (32'9 😤")	19443
	glass distance 4 mm (\frac{5}{32}")	50 m (164'½")	19444
	Rubber profile self-adhesive, for 8/10 mm $(\frac{5}{16})^{\prime\prime}(\frac{33}{32})$ glass thickness, translucent, glass distance 4 mm $(\frac{5}{32})^{\prime\prime}$	5 m (16'4 <sup>27</sup> ")	19445
		10 m (32'932")	19446
		50 m (164'½")	19447

# Rubber profile for glass edge protection

Self-adhesive rubber profile fitted along the glass edge minimises draughts and buffers impacts between adjacent all-glass sliding doors.



# Accessories

Accessories: → pages 50-52

# Order specifications

- Type and quantity of partial sets
- Type and quantity of door stop sets
- Type and quantity of floor guides
- Type and length of top track
- Type and length of bottom guide profile
- For glass doors
  - Type and quantity of cover plates
  - Length of rubber profile for glass edge protection
  - Quantity of centering assembly for wall connection profile

#### Planning/installation

Please use the installation drawing code 19434 for planning and execution. ( $\rightarrow$  www.hawa.ch  $\rightarrow$  Hawa Productfinder)

Hardware system for flush-mounted sliding cabinet/wardrobe doors with a panel weight up to 70 kg (154 lbs.), both doors flush when closed.

# Description

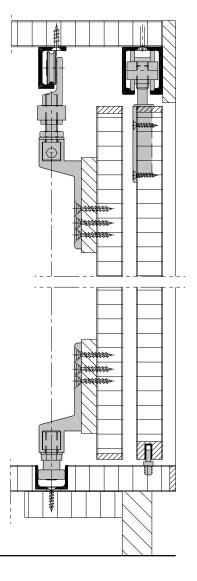
The Hawa 220 Planfront 70 offers countless interior design possibilities. Sliding elements may be flush-mounted to a wainscot or cupboard. Projection screens or media walls may be hidden away without the slightest difficulty. The sliding doors can be moved parallel behind a fixed front. The doors can be locked using a standard bar bolt lock. The sliding elements run in the top track and are guided in a bottom guide channel.

# **Applications**

This hardware system is suitable for use wherever it is required to flush-mount cabinet fronts or wainscots for aesthetic or practical reasons, e.g. in apartments and houses, schoolhouses, conference rooms, etc., and in the industrial and administration sectors.

# Features of the Hawa 220 Planfront 70

- Maximum sliding door weight, 70 kg (154 lbs.)
- Door widths 400-1500 mm (1'3<sup>3</sup>/<sub>4</sub>"-4'11<sup>1</sup>/<sub>16</sub>")
   Door thicknesses 19-45 mm (<sup>3</sup>/<sub>4</sub>" -1<sup>25</sup>/<sub>32</sub>")



Subject to modification. Metric specifications are exact. Inches are approximate.

Switzerland

4 sliding doors

17

#### Sets with top tracks and bottom guide channels (version A)

	panel width		code
Hawa 220 Planfront 70 (1 panel)	400-1500 mm	right	13233
Hawa 220 Flatiliont 70 (1 panel)	$(1'3\frac{3}{4}"-4'11\frac{1}{16}")$	left	13234

# **Sets comprising**

Caution: Hole position:	s vary		13233	13234	code
	Two-wheeled trolley, M10, with plastic-tyred ball bearing	g wheels	2	2	10403
	Top and edge fixed bracket with suspension plate and bo	olt M10	2	2	10464
00	Side fixed guide pin with plastic roller, adjustable			1	10540
	Track end stop, alu screw in place			1	10641
	Plug rubber, grey, to 10464 and 10540			6	10620
	Curved top track, alu plain anodized, right 1500 mm (4'11½")		2	ı	13172
	Curved top track, alu plain anodized, left 1500 mm (4'11 16")			2	13173
	Curved bottom guide channel, alu plain anodized, right 1500 mm (4'11 10')		1	_	13178
	Curved bottom guide channel, alu plain anodized, left	1500 mm (4'11 <sup>1</sup> / <sub>16</sub> ")	-	1	13179

#### **Curved top tracks (Special applications)**

Caution: Hole positions vary		mm/inch	code
	right	2000	13166
Curved top track, alu plain anodized,	left	(6'6 <sup>3</sup> / <sub>4</sub> ")	13167
predrilled	right	3000	13256
	left	(9'10 <sup>7</sup> / <sub>64</sub> ")	13257

#### **Curved bottom guide channels (Special applications)**

Caution: Hole positions vary		mm/inch	code
	right	2000	13104
Curved bottom guide channel,	left	$(6'6^{\frac{3}{4}"})$	13105
alu plain anodized, predrilled	right	3000	13258
	left	(9'10 <sup>7</sup> / <sub>64</sub> ")	13259

# Accessories (for version B)

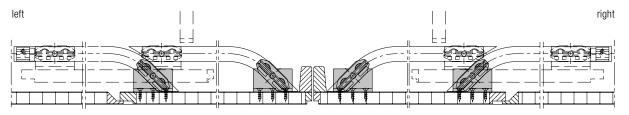
«Version B» consists of the version A set plus the following accessories parts			code
	Trolley hanger, M10, sleev highgrade polyamide tand	,	10407
	Concealed press-fit cup, a with hanger bolt M10	alu,	15591
	Track stop with adjustable retainer		24497
	Guide profile,	3000 mm (9'10 <sup>7</sup> / <sub>64</sub> ")	10319
	plastic brown,	6000 mm (19'8 <sup>7</sup> / <sub>32</sub> ")	10313
G C	groove mounted	cut to size	10321
	Bottom guide alu, press-in type		10526
		1400 mm (4'7 <sup>1</sup> / <sub>8</sub> ")	10189
		1600 mm (5'3")	10190
		1800 mm (5'10 <sup>7</sup> / <sub>8</sub> ")	10191
/* °/	Top track, alu plain	2000 mm (6'6 <sup>3</sup> / <sub>4</sub> ")	10192
	anodized, predrilled	2200 mm (7'2 <sup>5</sup> / <sub>8</sub> ")	10193
	Caution: Hole	2500 mm (8'2 <sup>7</sup> / <sub>16</sub> ")	10194
	positions vary	3000 mm (9'10 ½")	18532
		4000 mm (13'1 <sup>1</sup> / <sub>2</sub> ")	18533
		6000 mm (19'8 $\frac{7}{32}$ ")	10186
		cut to size	10188

# Order specifications

- Width of sliding panels
- Number of sliding panels
- To be moved to the left or right, viewed from the exterior
- Number and type of sets

# Planning/installation

Please use for planning and execution the installation drawing code 17915. (→ www.hawa.ch → Hawa Productfinder)



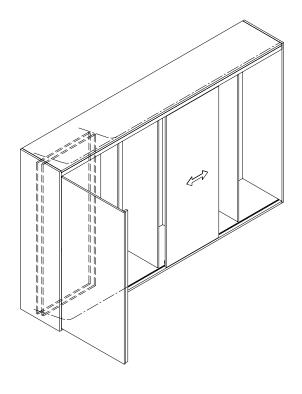
# Dimensional-tolerance

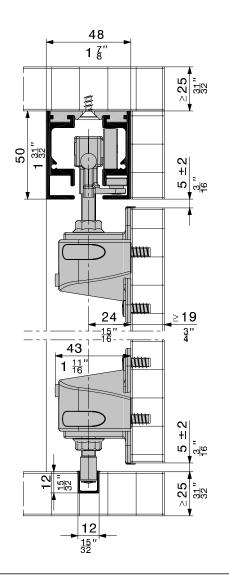
4-panel constructions

sliding door hardware. (Version B)

4-panel installations are possible in combination with straight-running

A result of the production process is that the radii of the top tracks and bottom guide channels feature dimensional tolerances. In the event that the top tracks and bottom guide channels are groove-mounted the cutouts must be made in conformity with the track radii.





Hardware system for cabinet sliding doors up to 40 kg (88 lbs.). Stacking parallel to the sliding axis.

#### Descripton

Convenient sliding door hardware system for multi-door cabinet fronts weighing up to 40 kg (88 lbs.), that can be stacked out of sight in a niche or cabinet compartment.

When closed, the cabinet front is flush, with uniform gaps between panels if desired, even in combination with hinged doors on upper and lower cabinets.

With this sophisticated system, the same hardware kit may be used for left and right-hand stacking areas. The number and width of door panels is also flexible.

Unrestricted access to the entire cabinet width while the front is open.

# **Applications**

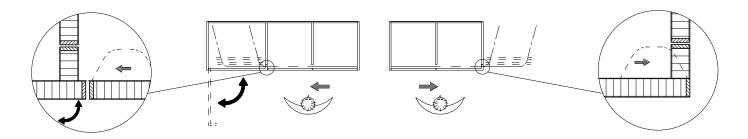
All types of furniture with frequently-opened doors, like media walls, office cabinets, shop installations, counter-top to ceiling shutters, kitchenettes, and everywhere that requires space-saving door opening.

# Features of the Hawa Aperto 40 F

- Maximum panel weight 40 kg (88 lbs.)
- Panel thickness 19–25 mm (<sup>3</sup>/<sub>4</sub>"-<sup>63</sup>/<sub>64</sub>")
- Maximum panel height 2600 mm (8'6<sup>3</sup>/<sub>8</sub>")
- Panel width 400-900 mm (1'3<sup>3</sup>/<sub>4</sub>"-2'11<sup>7</sup>/<sub>16</sub>")
- Continuous height adjustment ± 2 mm (<sup>3</sup>/<sub>32</sub>")
- Minimum axis radius 2000 mm (6'6<sup>3</sup>/<sub>4</sub>") for curved applications
- Centre stop with adjustable friction
- Flush-mounted panels
- Stacking area accommodates up to 7 door panels

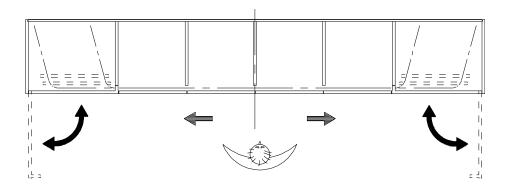
# Stacking area options

Hawa Aperto 40 F allows cabinet fronts to be stacked out of sight behind a hinged door, or used as visible design elements while parked.



# Plan examples

The system accommodates up to 7 panels per stacking area. Individual panel width per installation.

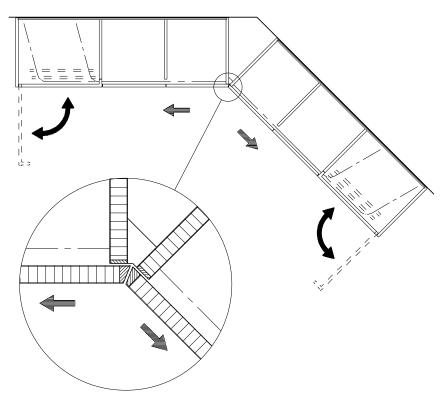


Installations with two stacking areas are considered as two systems.

# Convenient operation

Plastic cover caps with buffer rollers provide extensive protection to cabinet fronts as they slide into the stacking area.

To avoid damage, we nonetheless recommend individually sliding each panel into the stacking area.





# Panel set, Hawa Aperto 40 F

	code
Hawa Aperto 40 F, set for 1 panel	17797

# **Panel set comprising**

		pieces	code
	Two-wheeled trolley, M8, set of 2 pieces	1	17220
	Fixing cup, screw fitting	3	19880
	Suspension bolts and mounting screws, set for 1 fixing cup	2	19958
	Guide pin and mounting screws, set for 1 fixing cup	1	19959
ALL.	Panel surface equalizer, plastic black	1	20047
	Cover cap, plastic black, for fixing cup 19880	3	17678
	Spacers for panel clearance, 2 mm $\binom{3}{\varpi}$ ) plastic black, set of 4 pieces	1	17574
	Spacers for panel clearance, 3 mm $(\frac{1}{8}")$ plastic black, set of 2 pieces	1	17929

#### Track set

Huok Sct			
	length of tracks	possible cabinet width incl. stacking area	code
Top tracks and bottom guide	2500 mm (8'2 <sup>7</sup> / <sub>16</sub> ")	3200 mm (10'6")	18250
channels incl. top fixing plate for Hawa Aperto 40 F	3500 mm (11'5 13")	4200 mm (13'9 <sup>23</sup> ")	18251

# **Track sets comprising**

		18250	18251	code
	Top fixing plate for 2 x single top track 2500 mm (8'2 $\frac{7}{16}$ ") set of 6 pieces	1	_	17806
	Top fixing plate for 2 x single top track 3500 mm (11'5 13'') set of 8 pieces	_	1	17807
	Single top track 2500 mm (8' $2\frac{7}{16}$ ") alu plain anodized	2	_	17795
	Single top track 3500 mm (11'5 15") alu plain anodized	-	2	17796
	Set of bottom guide channels, 2500 mm (8'2 <sup>7</sup> / <sub>16</sub> ') set of 2 pieces, plastic black	1	1	17066

# Stacking area set, Hawa Aperto 40 F

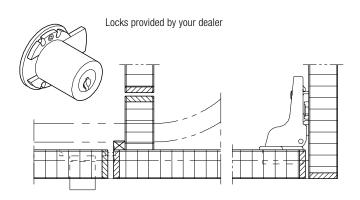
	code
Hawa Aperto 40 F, parking area set, parking parallel to the slide axis	17798

# Stacking area set comprising

_		pieces	code
	Single top track curved segment, 75° inside, length of leg 580 mm (1'10 💯")	1	17289
	Single top track curved segment, 75° outside, length of leg 580 mm (1'10 32")	1	17290
	Curved bottom guide channel 75°, plastic black	1	16906
	Top fixing plate for 2 x single top track, alu	1	17128
	Top fixing plate for single top track, alu	8	17749
	Connecting bolts, set of 6 pieces	1	17221
	Top track end stops, set	1	19165
	bumpers/end stoppers, plastic black, set	1	17395
e e	Centre stop with progressively adjustable retention spring catch	1	17283
2000	Fork spanner SW 15/7	1	10793
	Hex key, 4 mm $(\frac{5}{32}")$ , length 160 mm $(6\frac{5}{16}")$	1	19931
Concealed hinges for p	pivot doors not included		

# Sliding panel locking

Difficulties in locking sliding panels are a thing of the past with this system: locking the hinged door secures the entire cabinet front.



www.hawa.ch



#### Top tracks to Hawa Aperto 40 F

		code
	Single top track, 6000 mm (19'8 (3")) alu plain anodized, (possible cabinet width incl. stacking area: 6700 mm [21'11 (3"))	16891
• • • •	Top fixing plate for 2 x single top track, alu, plate distance max. 450 mm (1'5∰")	17128

# Accessories to Hawa Aperto 40 F

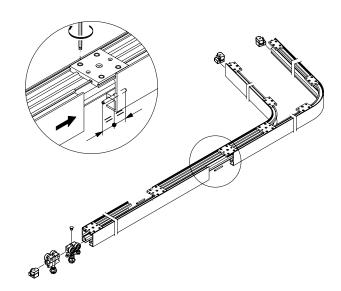
		code
	Two-wheeled trolley, M8	17927
Out Sign	Centre stop with progressively adjustable retention spring catch	17283
	Top track end stops for single top track	19542

# Aligner - Set for 1 door

Alignor Cot for 1 door		
		code
	Aligner for stabilisation of wooden sliding doors, set for 1 door	18705
• for door thicknesses of 16 • for door hights up to 2600		

#### Sliding comfort

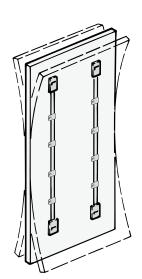
Easy sliding action thanks to forced guiding system, plastic rollers and anodised aluminium top tracks for extremely light and quiet running.



# Stabilising of sliding panel

The aligner set facilitates straightforward stabilisation and alignment of the sliding panels. We recommend using two profile strips per panel, which can be shortened if necessary.

Detail's for aligner: → page 52



# Order specifications

(not suitable for solid hardwood)

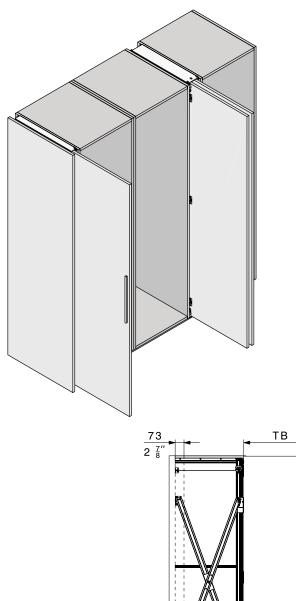
- Quantity of panel sets
- Quantity of stacking area sets
- Quantity and length of track set

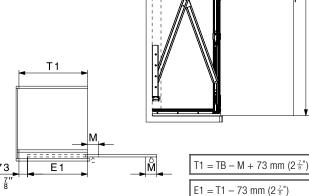
#### **Custom** installations

Please contact Hawa for special installations with more than 7 panels, curved top tracks, or an integral change of track direction.

# Planning/installation

For planning and installation purposes, please use the installation drawing code 17808. ( $\rightarrow$  www.hawa.ch  $\rightarrow$  Hawa Productfinder)





# **Calculation hardware depth**

	T1	TH	E1
Hawa Concepta 25	≤ 650 mm	1250-1850 mm	≤ 577 mm
	(2'1 <sup>19</sup> / <sub>32</sub> ")	(4'1 <sup>7</sup> / <sub>16</sub> "-6'0 <sup>27</sup> / <sub>32</sub> ")	(1'10 <sup>23</sup> ")
Hawa Concepta 30	≤ 900 mm	1851-2300  mm	≤ 827 mm
	(2'11 <sup>7</sup> / <sub>16</sub> ")	$(6'0\frac{7}{8}"-7'6\frac{9}{16}")$	(2'8 <sup>9</sup> / <sub>16</sub> ")
Hawa Concpeta 40	≤ 900 mm	1851-2500 mm	≤ 827 mm
	(2'11 <sup>7</sup> / <sub>16</sub> ")	(6'0 <sup>7</sup> / <sub>8</sub> "-8'2 <sup>7</sup> / <sub>16</sub> ")	(2'8 <sup>9</sup> / <sub>16</sub> ")
Hawa Concepta 50	≤ 900 mm	2301-2850 mm	≤ 827 mm
	(2'11 <sup>7</sup> / <sub>16</sub> ")	(7'6 ½"-9'4 ½")	(2'8 <sup>9</sup> / <sub>16</sub> ")

Use our planning tool: www.concepta.hawa.com Easy to implement – convenient to use.

Hardware system for pivot sliding cabinet doors weighing up to 25, 30, 40 and 50 kg (55/66/88/110 lbs.)

# Description

The Hawa Concepta 25/30/40/50 slides doors alongside cabinet bodies or into wall recesses. Room-high designs and walk-in cabinets are easy and efficient to implement. The well-thought-out concept has omitted a bottom guide channel and offers optimum flexible room utilisation with no obstructions in the form of protruding doors. Hawa Concepta 25/30/40/50 is a true master of design thanks to a broad band width of available dimensions, weights and material thicknesses, and the combinations which are possible with Hawa Folding Concepta 25.

### **Application**

Its advantages are obvious wherever variable room utilisation and unobstructed access should leave a tidy impression, for instance the home office in the bedroom, or to hide appliances in the kitchen or the washing machine in the bathroom. Even walk-in cabinets are realizable. For an optimum closing movement, it is advisable not to drop below the minimum door weight.

#### Features of Hawa Concepta 25

- Door weight 10 (22 lbs.) to 25 kg (55 lbs.) → door weight/height ratio
- Door width  $300-750 \text{ mm} \left(11\frac{13}{16}^{\circ}-2^{\circ}5\frac{17}{22}^{\circ}\right)$
- Door height 1250–1850 mm  $(4'1\frac{7}{16}"-6'0\frac{27}{32}")$
- Door thickness  $19-50 \text{ mm} \left( \frac{3}{4} 1 \frac{31}{32} \right)$

#### Features of Hawa Concepta 30

- Door weight 15 (33 lbs.) to 30 kg (66 lbs.) → door weight/height ratio
- Door width 300–900 mm  $(11\frac{13}{16}"-2'11\frac{7}{16}")$
- Door height 1851–2300 mm (6'0<sup>7</sup>/<sub>8</sub>"–7'6<sup>9</sup>/<sub>16</sub>")
- Door thickness 19-50 mm  $(\frac{3}{4}"-1\frac{31}{32}")$

# Features of Hawa Concepta 40

- Door weight 20 (44 lbs.) to 40 kg (88 lbs.) → door weight/height ratio
- Door width 300-900 mm  $(11\frac{13}{16}"-2'11\frac{7}{16}")$
- Door height 1851–2500 mm (6'0<sup>7</sup>/<sub>8</sub>"–8'2<sup>7</sup>/<sub>16</sub>")
- Door thickness 19–50 mm (<sup>3</sup>/<sub>4</sub>"–1<sup>31</sup>/<sub>32</sub>")

#### Features of Hawa Concepta 50

- Door weight 25 (55 lbs.) to 50 kg (110 lbs.) → door weight/height ratio
- Door width 300-900 mm  $(11\frac{13}{16}"-2'11\frac{7}{16}")$
- Door height 2301–2850 mm  $(7'6\frac{19}{32}"-9'4\frac{7}{32}")$
- Door thickness 19–50 mm  $(\frac{3}{4}"-1\frac{31}{32}")$

#### Features of Hawa Concepta 25/30/40/50

- Hawa Concepta 25/30 with guide rollers, top and bottom
- Hawa Concepta 40/50 with two-wheeled trolley, top
- Concealed hinge with soft closing mechanism
- Door is automatically pulled into pocket
- Well thought-out shock absorber in the end positions provides a high degree of movement comfort
- Unique scissor technology accommodates large and heavy doors
- All adjustments are made from the front
- All components are screwed onto the intermediate panel
- Wall recesses can be concealed without a cabinet body
- The same set can be used for left and right hand side applications
- The connector profile makes it easier to assemble cabinet designs with doors striking against the top and bottom cabinet sections
- · Certified LGA



# Sets, Hawa Concepta 25/30

	mm/inch	code
Hawa Concepta 25, set for 1 door	$ \begin{array}{c c} 1250 - 1850 \\ (4'1\frac{7}{16}'' - 6'0\frac{27''}{32}'') \end{array} $	27648
Hawa Concepta 30, set for 1 door	$ \begin{array}{c c} 1851 - 2300 \\ (6'0\frac{7}{8}" - 7'6\frac{9}{16}") \end{array} $	27649
Sets contents: → page 24		



Hawa Concepta 25/30

# Door weight / height ratio

The maximum weight must be adjusted in accordance with the size of the doors.

# **Hawa Concepta 25**

TB TH	300	350	400	450	500	550	600	650	700	750
1850	25	25	25	25	25	25	25	24	23	22
1800	25	25	25	25	25	25	25	23	22	21
1750	25	25	25	25	25	25	24	22	21	21
1700	25	25	25	25	25	25	24	21	21	20
1650	25	25	25	25	25	25	23	21	20	19
1600	25	25	25	25	25	24	22	20	19	18
1550	25	25	25	25	25	24	21	19	18	18
1500	25	25	25	25	25	23	21	18	18	17
1450	25	25	25	25	24	22	20	18	17	16
1400	25	25	25	25	24	21	19	17	16	15
1350	25	25	25	24	23	21	18	16	16	15
1300	25	25	25	24	22	20	18	15	15	14
1250	25	25	24	23	21	19	17	15	14	13
Door v	veight	in kg	/ TB	= Doo	or wid	th in i	mm /			

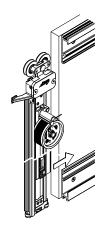
# **Hawa Concepta 30**

TH = Door height in mm

TB TH	300	350	400	450	500	550	600	650	700	750	800	850	900
2300	30	30	30	30	30	30	30	30	30	30	29	27	26
2250	30	30	30	30	30	30	30	30	30	30	28	27	25
2200	30	30	30	30	30	30	30	30	30	29	27	26	24
2150	30	30	30	30	30	30	30	30	30	29	27	25	24
2100	30	30	30	30	30	30	30	30	30	28	26	25	23
2050	30	30	30	30	30	30	30	30	29	27	25	24	23
2000	30	30	30	30	30	30	30	30	29	26	25	23	22
1950	30	30	30	30	30	30	30	29	27	26	24	23	21
1900	30	30	30	30	30	30	30	29	27	25	23	22	21
1851	30	30	30	30	30	30	30	28	26	24	23	21	20
Door v	veight	in kg	/ TB	= Doo	or wid	th in r	mm /	TH =	Door I	neight	in m	m	

# Sets, Hawa Concepta 40/50

	mm/inch	code
Hawa Concepta 40, set for 1 door	1851-2500 (6'0 <sup>7</sup> / <sub>8</sub> "-8'2 <sup>7</sup> / <sub>16</sub> ")	27650
Hawa Concepta 50, set for 1 door	$\begin{array}{c} 2301 - 2850 \\ (7'6\frac{19}{32}'' - 9'4\frac{7}{32}'') \end{array}$	27651
Sets contents: → page 25		



Hawa Concepta 40/50

# **Hawa Concepta 40**

TB TH	300	350	400	450	500	550	600	650	700	750	800	850	900
2500	40	40	40	40	40	40	40	40	40	37	34	32	31
2450	40	40	40	40	40	40	40	40	39	36	34	32	30
2400	40	40	40	40	40	40	40	40	38	35	33	31	29
2350	40	40	40	40	40	40	40	40	37	34	32	30	29
2300	40	40	40	40	40	40	40	39	36	33	31	30	28
2250	40	40	40	40	40	40	40	38	35	33	31	29	27
2200	40	40	40	40	40	40	40	37	34	32	30	28	27
2150	40	40	40	40	40	40	39	36	33	31	29	27	26
2100	40	40	40	40	40	40	38	35	32	31	28	27	25
2050	40	40	40	40	40	40	37	34	31	30	28	26	24
2000	40	40	40	40	40	39	36	33	31	29	27	25	24
1950	40	40	40	40	40	38	35	32	30	28	26	24	23
1900	40	40	40	40	40	37	34	31	29	27	25	24	22
1851	40	40	40	40	39	36	33	30	28	26	24	23	22
Door v	veight	in kg	/ TB	= Doc	or wid	th in r	nm / ˈ	TH =	Door I	neight	in mi	n	

# **Hawa Concepta 50**

TB TH	300	350	400	450	500	550	600	650	700	750	800	850	900
2850	50	50	50	50	50	50	50	50	50	50	50	50	50
2800	50	50	50	50	50	50	50	50	50	50	50	50	50
2750	50	50	50	50	50	50	50	50	50	50	50	50	50
2700	50	50	50	50	50	50	50	50	50	50	50	50	49
2650	50	50	50	50	50	50	50	50	50	50	50	50	48
2600	50	50	50	50	50	50	50	50	50	50	50	49	48
2550	50	50	50	50	50	50	50	50	50	50	50	48	47
2500	50	50	50	50	50	50	50	50	50	50	49	48	46
2450	50	50	50	50	50	50	50	50	50	49	48	47	45
2400	50	50	50	50	50	50	50	50	50	48	48	46	45
2350	50	50	50	50	50	50	50	50	49	48	47	45	44
2301	50	50	50	50	50	50	50	49	48	47	46	45	43
Door v	veiaht	in ka	/ TB	= Doo	or wid	th in i	mm /	TH = I	Door I	neiaht	in m	m	



# Sets, Hawa Concepta 25/30

	mm/inch	code
Hawa Concepta 25, set for 1 door	$ \begin{array}{c c} 1250 - 1850 \\ (4'1\frac{7}{16}" - 6'0\frac{27}{32}") \end{array} $	27648
Hawa Concepta 30, set for 1 door	$ \begin{array}{c} 1851 - 2300 \\ (6'0\frac{7}{8}" - 7'6\frac{9}{16}") \end{array} $	27649

#### Sets comprising

Sets comprising				
		27648	27649	code
	Upright, 1800 mm (5'10 ½"), alu plain anodized	1	_	22055
	Upright, 2300 mm (7'6 $\frac{9}{16}$ "), alu plain anodized	-	1	24699
	Scissor action, complete, 900 mm (2'11 7"), galvanized steel	1	-	22592
	Scissor action, complete, 1500 mm (4'11½"), galvanized steel	_	1	22593
	Front scissor guide, alu plain anodized	1	1	25592
	Rear scissor guide, alu plain anodized	1	1	25596
	Rear scissor bearing, galvanized steel	1	1	25855
	Concealed hinge with soft closing mechanism, galvanized, 3 pieces	1	1	27654
	Spaceer profil, 860 mm (2'9 \(\frac{7}{6}\)"), plastic black, predrilled	1	1	22861
	Brush guide, set of 3 pieces, plastic, black	1	1	25815

		27648	27649	code
	Upright guide, with zero clearance, with plastic rollers	2	2	25656
	Torsion plate	1	1	27704
	Bottom guide channel, alu plain anodized, 728 mm (2'4ﷺ), predrilled	2	-	24533
0	Bottom guide channel, alu plain anodized, 896 mm (2'11&), predrilled	-	2	24535
	Stop damper with retaining bracket	1	-	24661
<b>&amp;</b>		_	1	24660
	Door pull-in 25/50 with end position soft closing system, plastic, black	1	-	25814
	Door pull-in 30/40 with end position soft closing system, plastic, black	-	1	25813
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Stop cover cap, depth ajustable, top left/bottom right	1	1	27657
	Stop cover cap, depth ajustable, top right/bottom left	1	1	27658
	Cover plates, stainless steel, 1 pair	1	1	24739
	Soft closing system for end position and cover caps for scissor guide	1	1	25862
	Set of screws for concealed hinges, $4 \times 16 \text{ mm} \left(\frac{5}{32} \times \frac{5}{8}\right)$ , 10 pieces	1	1	25935
	Screw set for fitting hadware to cabinet body, 4,5 x 20 mm ( $\frac{3}{16}$ " x $\frac{29}{26}$ "), 20 pieces	1	1	22451
1000000	Screw set for spacer profile, PH 4 x 16 mm (ﷺ x $\frac{5}{32}$ " x $\frac{5}{3}$ "), 7 pieces	1	1	25562
	Hex key, 3 mm ( $\frac{1}{8}$ "), with handle	1	1	13164
	Installation aid, plastic, red	1	1	25816

24



# Sets, Hawa Concepta 40/50

	mm/inch	code
Hawa Concepta 40, set for 1 door	$\begin{array}{c} 1851 - 2500 \\ (6'0\frac{7}{8}" - 8'2\frac{7}{16}") \end{array}$	27650
Hawa Concepta 50, set for 1 door	$\begin{array}{c} 2301 - 2850 \\ (7'6\frac{19"}{32} - 9'4\frac{7}{32}") \end{array}$	27651

# Sets comprising

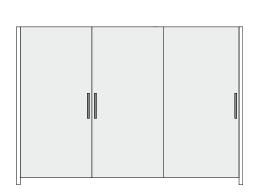
Sets comprising				
		27650	27651	code
	Upright, 2500 mm (8'2 रूँ।), alu plain anodized	1	_	22056
	Upright, 2760 mm (9'0 $\frac{21}{32}$ "), alu plain anodized	_	1	22057
	Scissor action, complete, 1500 mm (4'11½"), galvanized steel	1	1	22594
	Front scissor guide, alu plani anodized	1	1	25592
	Rear scissor guide, alu plain anodized	1	1	25596
	Rear scissor bearing, galvanized steel	1	1	25855
e e	Concealed hinge with soft closing mechanism, galvanized, 4 pieces	1	_	27655
	Concealed hinge with soft closing mechanism, galvanized, 5 pieces	_	1	27656
	Spaceer profil, 860 mm (2'9 \(\frac{z}{\epsilon}\)"), plastic black, predrilled	1	1	22861
	Brush guide, set of 3 pieces, plastic, black	1	1	25815
60	Two-wheeled trolley alu, with ball bearing wheels, height-adjustable, with torsion plate, dull nickel finish	1	1	24955

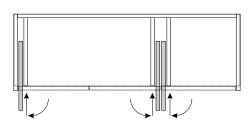
		27650	27651	code
	Upright guide, with zero clearance, with plastic rollers	1	1	25656
	Top track, 896 mm (2'11 ½"), alu plain anodized, predrilled	1	1	24528
	Bottom guide channel, 896 mm (2'11 ½"), alu plain anodized, predrilled	1	1	24535
	Stop damper with retaining bracket	1	1	24660
	Door pull-in 25/50 with end position soft closing system, plastic, black	_	1	25814
	Door pull-in 30/40 with end position soft closing system, plastic, black	1	-	25813
7 72.01	Stop cover cap, depth ajustable, top left/bottom right	1	1	27657
A Thomas	Stop cover cap, depth ajustable, top right/bottom left	1	1	27658
	Cover plates, stainless steel, 1 pair	1	1	24739
	Soft closing system for end position and cover caps for scissor guide	1	1	25862
	Set of screws for concealed hinges, $4 \times 16 \text{ mm} \left(\frac{5}{32}^{\text{m}} \times \frac{5}{8}^{\text{m}}\right)$ , 10 pieces	1	1	25935
	Screw set for fitting hadware to cabinet body, 4,5 x 20 mm (\frac{3}{16}" x \frac{25}{22}"), 20 pieces	1	1	22451
100000	Screw set for spacer profile, PH 4 x 16 mm (52 x 5 8), 7 pieces	1	1	25562
	Hex key, 3 mm ( $\frac{1}{8}$ "), with handle	1	1	13164
	Installation aid, plastic, red	1	1	25816

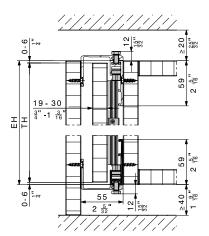
#### Design option: Door striking against the top and bottom cabinet section

The implementation of cabinets using Hawa Concepta 25/30/40/50 makes cabinet construction simple. In conjunction with the optionally available connector profile, the Hawa Concepta 25/30/40/50 pivot/slide-in door hardware forms a modular overall system with extremely

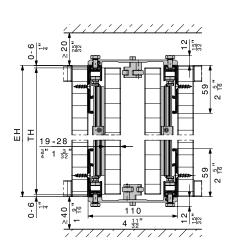
This makes it possible for single pivot/slide-in doors to be slid into a 55 mm niche or pairs of pivot/slide-in doors to be slid into a 110 mm niche. The Connector 55 and Connector 110 mm profiles can be used to connect the Hawa Concepta 25/30 with guide rollers for lightweight doors and also connect the Hawa Concepta 40/50 with a running gear for large and heavy doors.



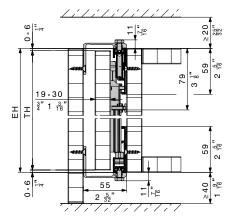




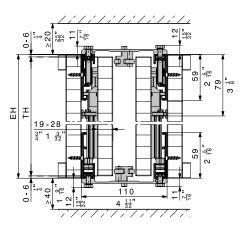
System: Hawa Concepta 25/30 Connection: Connector 55 mm (2 3 16")



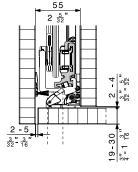
System: Hawa Concepta 25/30 Connection: Connector 110 mm (4 11 2)



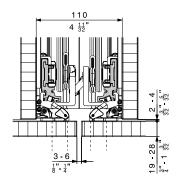
System: Hawa Concepta 40/50 Connection: Connector 55 mm (2 3 ")



System: Hawa Concepta 40/50 Connection: Connector 110 mm (4 11 2)



Connector 55 mm (2 3 ") Maximum door thickness: 30 mm (1 3 ")



Connector 110 mm (4 11 32 ) Maximum door thickness: 28 mm  $(1\frac{1}{8}")$ 



#### Connecting profile to the external side or cabinet body

		mm/inch	code
1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Connector 55 mm (2 3") for one pivot/slide-in door, alu plain anodized, 2 pieces	650 (2'1ﷺ)	25438
	Connector 55 mm (2 3 16)	650 (2'1 <sup>19</sup> / <sub>32</sub> ")	23221
11111.2	for one pivot/slide-in door, alu plain anodized, 1 piece	900 (2'11 <sup>7</sup> / <sub>16</sub> ")	23222

#### Connector for Hawa Concepta 25/30/40/50

The Connector connection profile for the Hawa Concepta 25/30/40/50 is a well-thought-out method of simplifying the assembly of designs with pivot/slide-in doors striking against the top and bottom cabinet sections. Assembly is not only easy but also quick and convenient: the cabinet side or body sections are placed adjacent to one another; the Connector connection profile is then inserted in the top tracks and bottom guide channels and screwed tight from above – job done.

#### Features of Connector 55 mm ( $2\frac{3}{16}$ ")

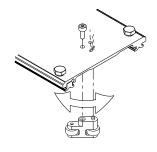
- For recesses with a pivot/slide-in door made of wood: 19-30 mm (<sup>3</sup>/<sub>4</sub>"-1 <sup>3</sup>/<sub>16</sub>")
- The Connector compensates external side or cabinet body height differences of up to ± 1.5 mm (1½)

# Connecting profile to the cabinet body

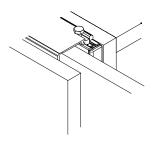
		mm/inch	code
•	Connector 110 mm (4 11 2 3 2 2 ) for two pivot/slide-in doors,	650 (2'1 <sup>19</sup> / <sub>32</sub> ")	23223
	alu plain anodized, 1 piece	900 (2'11 <del>7</del> ")	23224
	Connector 110 mm (4 121") for two pivot/slide-in doors, alu plain anodized, 1 piece (for installation in front of a fixed base)	26 (1 <sup>1</sup> / <sub>32</sub> ")	23225

# Typisch Connector 110 mm $(4\frac{11}{32}")$

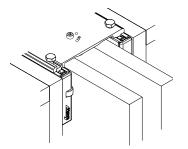
- For recesses with two pivot/slide-in doors made of wood:  $19-28 \text{ mm} \left(\frac{3}{4}-1\frac{1}{8}\right)$
- The Connector compensates cabinet body height differences of up to ± 1.5 mm (1½ ")



# Connector 55 mm (2 $\frac{3}{16}$ ) Connector 110 mm (4 $\frac{11}{32}$ )



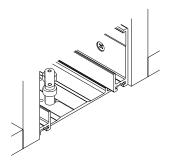
Connector 55 mm  $(2\frac{3}{16}")$ : recess for one pivot/slide-in door



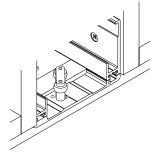
Connector 110 mm ( $4\frac{11}{32}$ "): recess for two pivot/slide-in doors

# Kitchen designs with and without a fixed base

The Connector for the Hawa Concepta 25/30/40/50 is suitable for various kitchen designs. The same connector profile can be used for the top and bottom on designs with adjustable feet. A short 26 mm  $(1\frac{1}{37})$  profile is available for designs with a fixed base.



Design with adjustable feet Top/bottom profile: No. 23223/23224



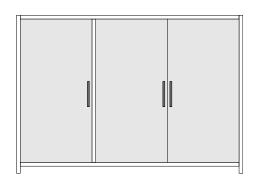
Design with a fixed base Top profile: No. 23223/23224 Bottom profile: No. 23225

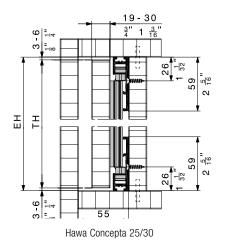
#### Hawa Concepta 25/30/40/50: Further design options

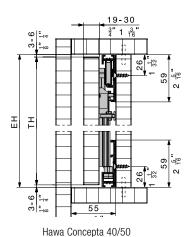
The Hawa Concepta 25/30/40/50 is suitable not only for sliding doors that strike against the cabinet into the cabinet body but also for inlaying doors made. Both variants can be installed in a wall recess without a cabinet body.

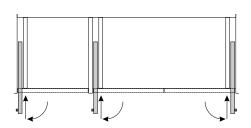
# **Inlaying doors**

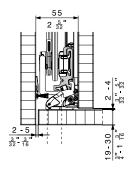
Hawa Concepta 25/30/40/50 can also be used to design inlaying fronts.









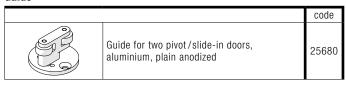


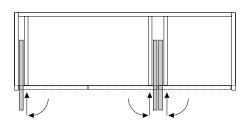
Hawa Concepta 25/30/40/50

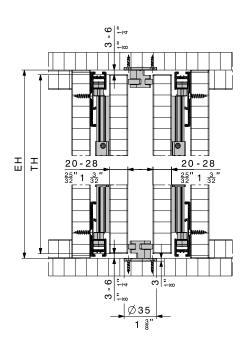
# Guide for two inlaid doors

The optional guide also allows two doors to be pushed into one pocket, also with inset structures.

#### Guide



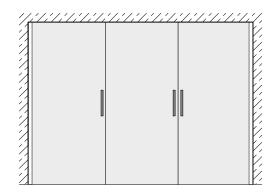


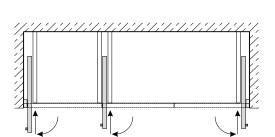


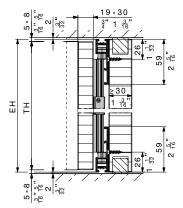


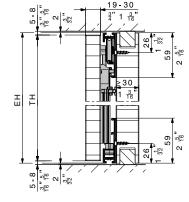
# Door in wall recess

The Hawa Concepta 25/30/40/50 can also conceal wall recesses without a cabinet body.



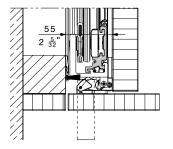






Hawa Concepta 25/30

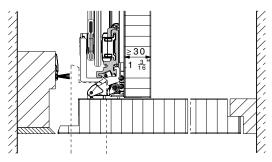
Hawa Concepta 40/50



Hawa Concepta 25/30/40/50

#### Design variant: room partitioning solutions

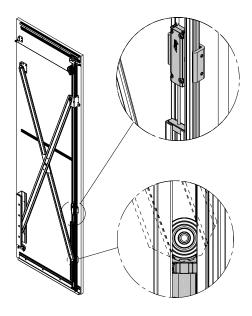
Room-high designs for partitioning solutions are possible as the Hawa Concepta 25/30/40/50 does not require top and bottom cabinet sections. All components are screwed onto the intermediate



# Hawa Concepta 40/50

#### Shock absorber: high operational convenience

The shock absorber stops the door gently and quietly when it is pulled out.

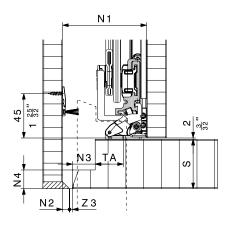


# Wood doors from 30 mm $(1\frac{3}{16})$

Rabbets enable the installation of wood doors with thicknesses starting from > 30-50 mm  $(1\frac{3}{16}"-1\frac{31}{32}")$ 

#### **Rabbet dimensions**

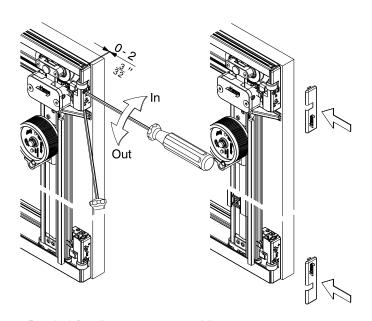
S	N1	N2	N3	N4
$19-30 \text{ mm} \left(\frac{3}{4} - 1\frac{3}{16}\right)$	55 mm (2 3 ")	0 mm	0 mm	0 mm
33 mm (1 5 ")	58 mm (2 32")	0 mm	3 mm $(\frac{1}{8}")$	3 mm ( <sup>1</sup> / <sub>8</sub> ")
36 mm (1 7 lb)	63 mm (2 <sup>1</sup> / <sub>2</sub> ")	2 mm (32")	6 mm $(\frac{1}{4}")$	5 mm ( <sup>7</sup> / <sub>32</sub> ")
39 mm (1 <sup>17</sup> / <sub>32</sub> ")	67 mm (2 <sup>21</sup> / <sub>32</sub> ")	3 mm ( <sup>1</sup> / <sub>8</sub> ")	9 mm $(\frac{3}{8}")$	8 mm (5/16")
42 mm (1 <sup>21</sup> / <sub>32</sub> ")	70 mm (2 <sup>3</sup> / <sub>4</sub> ")	3 mm ( <sup>1</sup> / <sub>8</sub> ")	12 mm ( <sup>15</sup> / <sub>32</sub> ")	11 mm (7/16)
45 mm (1 25 ")	75 mm (2 <sup>15</sup> / <sub>16</sub> ")	5 mm ( <sup>7</sup> / <sub>32</sub> ")	15 mm ( <sup>19</sup> / <sub>32</sub> ")	14 mm ( <sup>9</sup> / <sub>16</sub> ")
48 mm (1 32 ")	79 mm (3 ½")	6 mm (1/4")	18 mm (33 )	17 mm (11/16")
50 mm (1 31")	83 mm (3 <sup>9</sup> / <sub>32</sub> ")	7 mm ( <sup>9</sup> / <sub>32</sub> ")	21 mm ( <sup>27</sup> / <sub>32</sub> ")	19 mm (3/4")



# Stop cover caps and depth adjustment

The stop cover caps are screwed onto the face side of the top tracks and floor guides and fulfill the following functions:

- The integrated guide roller makes it easy to pivot the door and slide it in, positioning it in the closed position
- The closed front can be aligned by 0-2 mm  $(0"-\frac{3}{32}")$  in the depth
- The hardware set includes a pair of stainless steel cover caps for extra visual appeal. They simply clip on to the stop cover caps



Front depth fine adjustment

Adjustment screw cover

# Hawa Concepta 25/30/40/50

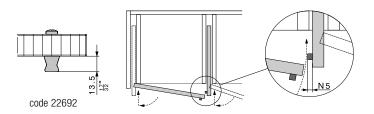
#### **Door handles**

•	mm/inch	code
Door handle, alu plain anodized	400 (1'3 <sup>3</sup> / <sub>4</sub> ")	22692

Please pay attention to the collision hazard when planning door handles in connection with the Connector.

#### Door handle height

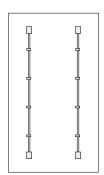
The height of the door handle should be determined accordingly if two cabinet elements are designed so that the door opening of one cabinet meets with the insert of the adjacent cabinet. We recommend shell handles or flush pull handles to building owners.



Door handle	S	N5					
Hawa code 22692	19 mm ( <sup>3</sup> / <sub>4</sub> ")	13.5 mm (17")					
	$\leq 22 \text{ mm } \left(\frac{7}{8}\right)$	10 mm (13")					
Provided by customer	$\leq 25 \text{ mm } (\frac{31}{32}")$	5 mm ( <sup>7</sup> / <sub>32</sub> ")					
	$\leq 50 \text{ mm } (1\frac{31}{32}")$	2 mm (3/32")					
S = Door thickness N5 = Maximum door handle height for adjacent cabinets							

#### Aligner

The alignment hardware makes it easy to stabilise and adjust the pivot/slide-in doors. At least two hardware sets are recommended for each door and can be shortened as required.



# Order specifications

• Type and quantity of sets

# Optional order specifications

- · Quantity of connecting brackets for external or cabinet body connections
- Quantity of door handles
- · Quantity of aligner

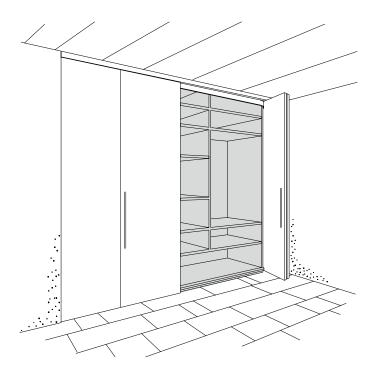
#### Planning/installation

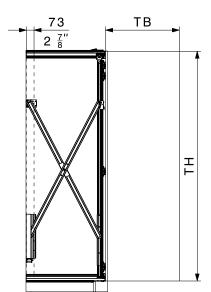
For planning and installation purposes, please use the installation drawings:

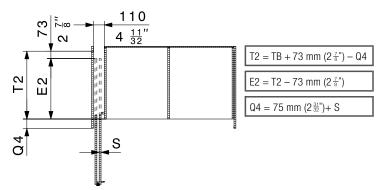
• Hawa Concepta 25/30 code 30182 • Hawa Concepta 40/50 code 30183 code 23227

(→ www.hawa.ch → Hawa Productfinder)

Connector for Hawa Concepta 25/30/40/50







# **Calculation hardware depth**

T2	T2 TH			
$\leq 680 \text{ mm } (26'0\frac{49"}{64})$	$1250 - 1850 \text{ mm } (4'1\frac{7}{16}" - 6'0\frac{27}{32}")$	$\leq 607 \text{ mm } (23'0\frac{57}{64}")$		
$\leq 680 \text{ mm } (26'0\frac{49"}{64})$	$1851-2600 \text{ mm } (6'0\frac{7}{8}"-(8'6\frac{3}{8}")$	$\leq 607 \text{ mm } (23'0\frac{57}{64}")$		

Use our planning tool: www.foldingconcepta.hawa.com Flush when closed, completely open.

Hardware for bi-folding cabinet pocket doors up to 25 kg (55 lbs.) per door.

# Description

Flush cabinet fronts can be fully opened with Hawa Folding Concepta 25. Two doors can be folded and slid into furniture cabinets or wall niches at either the side. Systems with one pair of folding doors at both sides can be realized without separating walls using the optional reinforcement profile. Sets with a track length of 2120 mm also make 3-door cabinet fronts possible in combination with Hawa Concepta.

#### **Applications**

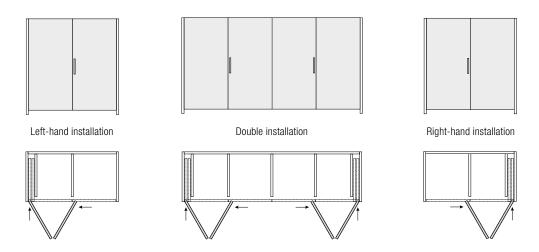
Its advantages are obvious wherever variable room utilisation and unobstructed access should leave a tidy impression, for instance in the home office in the bedroom, the kitchen in the living room, or the utility area in the bathroom.

# Features of the Hawa Folding Concepta 25

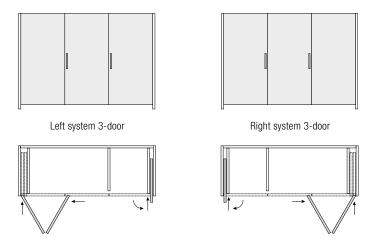
- Max. door weight: 25kg (55lbs.) [per pair of panels 50kg (110lbs.)]
- Door width:  $300-700 \text{ mm} \left(11\frac{13}{16}-2'3\frac{9}{16}"\right)$
- Door height:  $1250-2600 \text{ mm} (4'1\frac{7}{32}"-8'6\frac{3}{8}")$
- Door thickness: 19–26 mm  $(\frac{3}{4}"-1\frac{1}{32}")$
- Concealed hinge with soft closing mechanism
- Flush-fitting fronts with the gap pattern that is normal in furniture construction make discreet integration into the overall appearance possible
- · Harmonious, quiet movement due to playfree guidance of the upright
- Sheer elegance outside and in due to black anodized profiles
- Two-piece, four-piece and, in combination with Hawa Concepta, three-piece fronts are also possible
- The pair of folding doors can be slid in flush with the outside
- Room-high without furniture tops provides an extraordinary, spacious appearance
- All adjustments can be made from the front at any time
- LGA certificate

#### Design options

Different projects can be realized with different structural versions. Not only walk-in closets or niches which extend from floor to ceiling but also half-height solutions are possible from the worktop to the ceiling. The large area that can be covered is impressive. In this way, threedoor fronts with an opening width of 2100 mm and 2800 mm wide fronts with two pairs of folding doors can be opened and accommodated in the depth of the furniture in combination with Hawa Concepta.



# Three-piece fronts in combination with Hawa Concepta 25/30/40/50



# Aesthetics

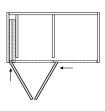
Important requirements in modern architecture such as room-high, flush-fitting and walk-in can be easily realized with Hawa Folding Concepta 25.

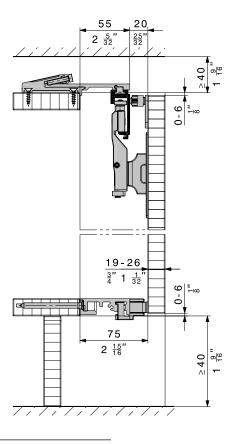
Sheer elegance - outside and in, made possible by the black anodized profiles. These incorporate themselves discreetly into the furniture. For more design freedom in high-quality furniture, without design compromises.

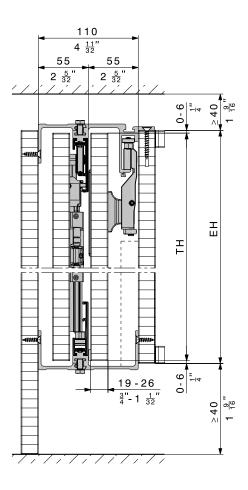
# Construction with front-hung cabinet fronts



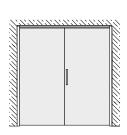
Left-hand installation



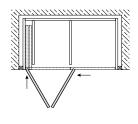


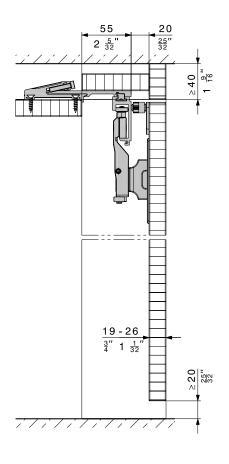


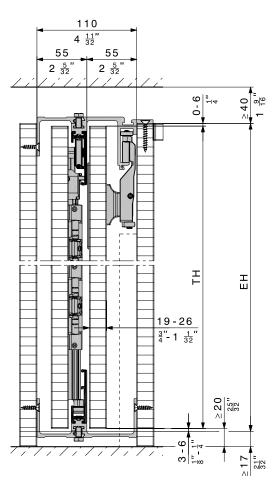
Niche cover without furniture tops



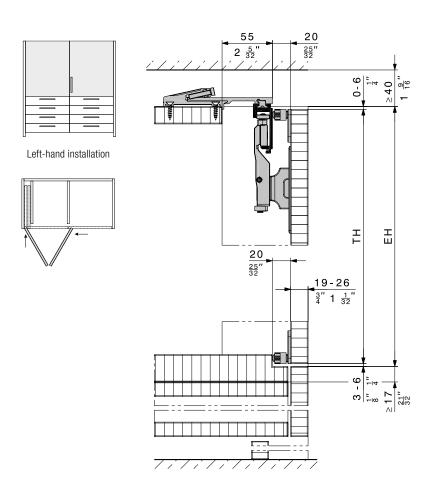
Left-hand installation

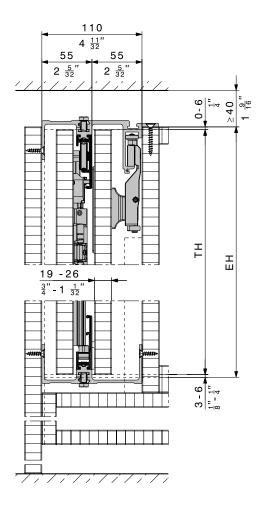






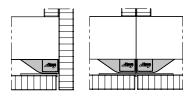
# Doors from the worktop to the top edge of the cabinet

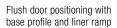


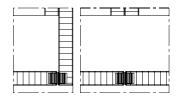


# Door connection details

Hawa provides two different centring solutions so that the closed doors terminate flush beneath each other or to the outside.







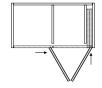
Flush door centering with magnetic centring components

# Hawa Folding Concepta 25

# Sets, Hawa Folding Concepta 25 for one pair of folding doors

	Width	Height	Color	code
Hawa Folding Concepta 25, mounting: left	1420 mm (4'7ﷺ)	$1250 - 1850 (4'1\frac{7}{32}" - 6'0\frac{27}{32}")$		27636
Hawa Folding Concepta 25, mounting: right	1420 mm (4'7ﷺ)	1250-1850 (4'17/32"-6'027")	alu plain	27637
Hawa Folding Concepta 25, mounting: left	1420 mm (4'7ﷺ)	1851-2600 (6'0 <sup>7</sup> / <sub>8</sub> "-8'6 <sup>3</sup> / <sub>8</sub> ")	anodized	27638
Hawa Folding Concepta 25, mounting: right	1420 mm (4'7ﷺ")	1851-2600 (6'0 <sup>7</sup> / <sub>8</sub> "-8'6 <sup>3</sup> / <sub>8</sub> ")		27639
Hawa Folding Concepta 25, mounting: left	1420 mm (4'7ﷺ")	1250-1850 (4'17/32"-6'027")		27640
Hawa Folding Concepta 25, mounting: right	1420 mm (4'7ﷺ)	1250-1850 (4'17/32"-6'027")	alu black	27641
Hawa Folding Concepta 25, mounting: left	1420 mm (4'7ﷺ)	1851-2600 (6'0 <sup>7</sup> / <sub>8</sub> "-8'6 <sup>3</sup> / <sub>8</sub> ")	anodized	27642
Hawa Folding Concepta 25, mounting: right	1420 mm (4'7 <sup>29</sup> ")	1851-2600 (6'0 <sup>7</sup> / <sub>8</sub> "-8'6 <sup>3</sup> / <sub>8</sub> ")		27643

# Right-hand installation



Left-hand installation



# **Set comprising**

	27636	27637	27638	27639	27640	27641	27642	27643	code
Scissor action, complete, galvanized steel, 900 mm (2'11 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1	_	_	1	1	ı	_	24087
Scissor action, complete, galvanized steel, 1500 mm (4'11 16")	-	_	1	1	ı	-	1	1	22594
Two-wheeled trolley alu, height-adjustable, dull nickel-finish	1	1	1	1	1	1	1	1	24686
Single-wheeled trolley, for folding door, dull nickel finish	1	1	1	1	1	1	1	1	24054
Concealed press-fit cup, dull nickel finish	1	1	1	1	1	1	1	1	23409
Concealed hinge with soft closing mechanism, galvanized, 3 pieces	1	1	_	_	1	1	_	-	27654
Concealed hinge with soft closing mechanism, galvanized, 4 pieces	_	_	1	1	_		1	1	27655
Concealed centre hinge, dull nickel finish, 3 pieces	1	1	-	-	1	1	_	-	24088
Concealed centre hinge, dull nickel finish, 4 pieces	-	_	1	1	-	ı	1	1	24218
Rear scissor bearing, galvanized steel, left	1	_	1	_	1	_	1	_	24117
Rear scissor bearing, galvanized steel, right	-	1	_	1	-	1	-	1	24097
Rear scissor guide, alu plain anodized	1	1	1	1	1	1	1	1	25600

	27636	27637	27638	27639	27640	27641	27642	27643	code
Front scissor guide, alu plain anodized	1	1	1	1	1	1	1	1	25592
Upright, alu plain anodized, 1800 mm (5'10 $\frac{7}{8}$ ")	1	1	_	_	1	1	_	ı	22055
Upright, alu plain anodized, 2500 mm (8'2 <sup>7/16</sup> ")	_	_	1	1	_	_	1	1	22056
Connector connecting profile, alu plain anodized, bottom left/top right, 500 mm (1'7 11")	1	1	1	1	1	1	1	1	24170
Connector connecting profile, alu plain anodized, bottom right/top left, 500 mm (1'7 <sup>11"</sup> / <sub>16</sub> )	1	1	1	1	1	1	1	1	24171
Interior connector, alu plain anodized, bottom left, 645 mm (2'1 132")	1	_	1	_	1	_	1	ı	24021
Interior connector, alu plain anodized, bottom right, 645 mm (2'1 32")	_	1	_	1	_	1	_	1	24022
Interior connector, alu plain anodized, top left, 645 mm (2'1 32")	1	_	1	_	1	_	1	1	24107
Interior connector, alu plain anodized, top right, 645 mm (2'1 32")	_	1	_	1	_	1	_	1	24108
Exterior connector, alu plain anodized, bottom left/top right, 645 mm (2'1 12")	1	1	1	1	1	1	1	1	24027
Exterior connector, alu plain anodized, bottom right/top left, 645 mm (2'1 32")	1	1	1	1	1	1	1	1	24028

	27636	27637	27638	27639	27640	27641	27642	27643	code
Top track left, alu plain anodized, 748 mm (2'5 ½")	1	ı	1	ı	1	ı	1	l l	24744
Top track right, alu plain anodized, 748 mm (2'5 ﷺ)	_	1	_	1	_	1	_	1	24745
Bottom guide channel left, alu plain anodized, 748 mm (2'5 ½")	1	ı	1	ı	1	ı	1	1	24746
Bottom guide channel right, alu plain anodized, 748 mm (2'5 ½")	_	1	_	1	_	1	_	1	24747
Top track with left-hand curve, alu plain anodized , 1420 mm (4'7(32")	1	-	1	-	_	_	_	I	24070
Top track with right-hand curve, alu plain anodized, 1420 mm (4'7 <sup>29*</sup> )	_	1	_	1	_	-	_	1	24071
Top track with left-hand curve piece, alu black anodized, 1420 mm (4'7(32")	_	_	_	_	1	-	1	ı	25484
Top track with right-hand curve piece, alu black anodized, 1420 mm (4'7(32")	_	_	_	_	_	1	_	1	25485
Adapter for top track, plastic, anthracitegrey, 4 pieces	1	1	1	1	1	1	1	1	23645
Brush guide, set of 3 pieces, plastic, black	1	1	1	1	1	1	1	1	25815
Covering screen for panel clearance, alu plain anodized, 1870 mm (6'1 <sup>5</sup> / <sub>8</sub> ")	1	1	_	_	_	_	_	1	23540
Covering screen for panel clearance, alu plain anodized, 2620 mm (8'7 52")	-	_	1	1	_	_	_	ı	23541
Covering screen for panel clearance, alu black anodized, 1870 mm (6'15/8")	-	-	-	_	1	1	-	-	25567
Covering screen for panel clearance, alu black anodized, 2620 mm (8'7 5")	_	_	_	_	_	_	1	1	25504

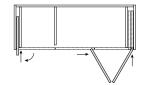
		27636	27637	27638	27639	27640	27641	27642	27643	code
	Soft closing system for end position with cover caps, plastic, black	1	1	1	1	1	1	1	1	25887
	Pivot door damper, plastic, anthracite-grey	1	1	1	1	1	1	1	1	24063
	Upright guide, with zero clearance, with plastic rollers	1	1	1	1	1	1	1	1	25656
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Stop cover cap, depth ajustable, top left/bottom right	1	1	1	1	1	1	1	1	27659
A Prose	Stop cover cap, depth ajustable, top right/bottom left	1	1	1	1	1	1	1	1	27660
	Cover plates, stainless steel, 1 pair	1	1	1	1	_	ı	_	I	24739
	Cover plates, black, 1 pair	ı	ı	ı	-	1	1	1	1	25865
	Stop bumper adjustable, plastic, anthracite-grey	1	1	1	1	1	1	1	1	23562
	Fixing parts for covering screen for panel clearance, set of 3 pieces	1	1	_	_	1	1	_	_	23990
	Fixing parts for covering screen for panel clearance, set of 4 pieces	_	_	1	1	_	_	1	1	24306
Little Hilling I.	Screw set for fitting hardware to cabinet body, 4,5 x 20 mm (% x \mathrew{\frac{1}{16}}" x \mathrew{\frac{1}{16}}"), 40 pieces	1	1	1	1	1	1	1	1	24032
	Screw set for concealed hinges, 4 x 16 mm, 28 pieces	1	1	1	1	1	1	1	1	25936
	Screw set for fitting hardware to cabinet body, $5 \times 35 \text{ mm} \left(\frac{7}{32}\text{"x} 1 \frac{3}{8}\text{"}\right)$ , 4 pieces	1	1	1	1	1	1	1	1	24111
	Hex key, 3 mm $(\frac{1}{8}")$ , with handle	1	1	1	1	1	1	1	1	13164

## Hawa Folding Concepta 25

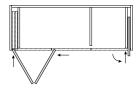
### 3-door set in combination with Hawa Concepta 25

	Width	Height	Color	code
Hawa Folding Concepta 25, mounting: left	2120 mm (6'11 <sup>15</sup> / <sub>32</sub> ")	1851-2600 (6'0 <sup>7</sup> / <sub>8</sub> "-8'6 <sup>3</sup> / <sub>8</sub> ")	alu plain	27644
Hawa Folding Concepta 25, mounting: right	2120 mm (6'11 <sup>15</sup> ")	1851-2600 (6'0 <sup>7</sup> / <sub>8</sub> "-8'6 <sup>3</sup> / <sub>8</sub> ")	anodized	27645
Hawa Folding Concepta 25, mounting: left	2120 mm (6'11 <sup>15</sup> ")	1851-2600 (6'0 <sup>7</sup> / <sub>8</sub> "-8'6 <sup>3</sup> / <sub>8</sub> ")	alu black	27646
Hawa Folding Concepta 25, mounting: right	2120 mm (6'11 <sup>15</sup> ")	1851-2600 (6'0 <sup>7</sup> / <sub>8</sub> "-8'6 <sup>3</sup> / <sub>8</sub> ")	anodized	27647
For 3-door systems, a Hawa Concepta 30/40 or	50 set should also be.			

#### Right-hand installation



Left-hand installation



#### Sets, Hawa Concepta 25/30

	mm/inch	code
Hawa Concepta 30, set for 1 door	$ \begin{array}{c} 1851 - 2300 \\ (6'0\frac{7}{8}" - 7'6\frac{9}{16}") \end{array} $	27649
Sets contents: → page 24		

#### Sets, Hawa Concepta 40/50

	mm/inch	code
Hawa Concepta 40, set for 1 door	1851-2500 (6'0 <sup>7</sup> / <sub>8</sub> "-8'2 <sup>7</sup> / <sub>16</sub> ")	27650
Hawa Concepta 50, set for 1 door	$ \begin{array}{c} 2301 - 2850 \\ (7'6\frac{19}{32} - 9'4\frac{7}{32}) \end{array} $	27651
Sets contents: → page 25		

#### **Set comprising**

		27644	27645	27646	27647	code
	Scissor action, complete, galvanized steel, 1500 mm (4'11 ½")	1	1	1	1	22594
	Two-wheeled trolley alu, height-adjustable, dull nickel-finish	1	1	1	1	24686
	Single-wheeled trolley, with ball bearing wheels, for folding door, dull nickel finish	1	1	1	1	24054
	Concealed press-fit cup, dull nickel finish	1	1	1	1	23409
	Concealed hinge, spring-loaded, galvanized, 4 pieces	1	1	1	1	27655
	Concealed centre hinge, dull nickel finish, 4 pieces	1	1	1	1	24218
	Rear scissor bearing, galvanized steel, left	1	_	1	_	24117
·	Rear scissor bearing, galvanized steel, right	_	1	_	1	24097

	27644	27645	27646	27647	code
Rear scissor guide, alu plain anodized	1	1	1	1	25600
Front scissor guide, alu plain anodized	1	1	1	1	25592
Upright, alu plain anodized, 2500 mm (8'2 $\frac{7}{16}$ ")	1	1	1	1	22056
Connector connecting profile, alu plain anodized, bottom left/top right, 500 mm (1'7 til")	1	1	1	1	24170
Connector connecting profile, alu plain anodized, bottom right/top left, 500 mm (1'7 til")	1	1	1	1	24171
Interior connector, alu plain anodized, bottom left, 645 mm (2'1 32")	1	_	1	ı	24021
Interior connector, alu plain anodized, bottom right, 645 mm (2'1 32")	_	1	_	1	24022
Interior connector, alu plain anodized, top left, 645 mm (2'1 32")	1	_	1	1	24107

	27644	27645	27646	27647	code
Interior connector, alu plain anodized, top right, 645 mm (2'1 32")	_	1	_	1	24108
Exterior connector, alu plain anodized, bottom left/top right, 645 mm (2'1 32")	1	1	1	1	24027
Exterior connector, alu plain anodized, bottom right / top left, 645 mm (2'1 32")	1	1	1	1	24028
Top track left, alu plain anodized, 748 mm (2'5 ﷺ)	1	ı	1	1	24744
Top track right, alu plain anodized, 748 mm (2'5 (2")	_	1	_	1	24745
Bottom guide channel left, alu plain anodized, 748 mm (2'5 (2")	1	1	1	1	24746
Bottom guide channel right, alu plain anodized, 748 mm (2'5 (2")	_	1	_	1	24747
Top track with left-hand curve, alu plain anodized, 2120 mm (6'11\frac{15}{32}")	1	-	_	ı	24913
Top track with right-hand curve, alu plain anodized, 2120 mm (6'11'½")	_	1	_	I	24914
Top track with left-hand curve piece, alu black anodized, 2120 mm (6'11\frac{15}{22}'')	_	-	1	-	25486
Top track with right-hand curve piece, alu black anodized, 2120 mm (6'11½")	_	_	_	1	25487
Adapter for top track, plastic, anthracite-grey, 6 pieces	1	1	1	1	24870
Brush guide, set of 3 pieces, plastic, black	1	1	1	1	25815
Covering screen for panel clearance, alu plain anodized, 2620 mm (8'7 🐉)	1	1	_	-	23541
Covering screen for panel clearance, alu black anodized, 2620 mm (8'7 52")	_	_	1	1	25504

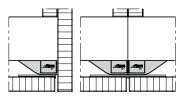
		27644	27645	27646	27647	code
	Soft closing system for end position and cover caps for scissor guide	1	1	1	1	25887
	Pivot door damper, plastic, anthracite-grey	1	1	1	1	24063
	Upright guide, with zero clearance, with plastic rollers	1	1	1	1	25656
The state of the s	Stop cover cap, depth ajustable, top left/bottom right	1	1	1	1	27659
A Thomas	Stop cover cap, depth ajustable, top right/bottom left	1	1	1	1	27660
	Cover plates, stainless steel, 1 pair	1	1	-	ı	24739
	Cover plates, black, 1 pair	-	-	2	2	25865
	Stop bumper adjustable, plastic, anthracite-grey	2	2	2	2	23562
	Fixing parts for covering screen for panel clearance, set of 4 pieces	1	1	1	1	24306
MANAGERIA.	Screw set for fitting hardware to cabinet body, $4.5 \times 20 \text{ mm} \left(\frac{3}{16}\text{"X}\frac{25\text{"N}}{32}\right)$ , $40 \text{ pieces}$	1	1	1	1	24032
	Screw set for concealed hinges, 4x16 mm, 28 pieces	1	1	1	1	25936
	Screw set for fitting hardware to cabinet body, $5 \times 35 \text{ mm} \left(\frac{7}{26} \times 1 \cdot \frac{3}{8}\right)$ , 4 pieces	1	1	1	1	24111
	Hex key, 3 mm ( $\frac{1}{5}$ "), with handle	1	1	1	1	13164

#### Base profile and centering

			mm/inch	code	
	alu plain	alu plain	1300 (4'3 <sup>3</sup> / <sub>16</sub> ")	24004	
	Base profile complete including cover cap, leading	anodized	2000 (6'6 <sup>3</sup> / <sub>4</sub> ")	25481	
	ramp and drilling	2/   '	alu black	1300 (4'3 <sup>3</sup> / <sub>16</sub> ")	25479
	1)-9	anodized	2000 (6'6 <sup>3</sup> / <sub>4</sub> ")	25480	
	Magnetic centering including drilling jig		24006		

#### Door positioning / door centering

The base profile is the ideal complement to the Hawa Folding Concepta 25. The leading ramp included in the set brings the overlaying cabinet front flush into position. Doors on recess designs or walk-in cabinets without a cabinet base are centered by magnetic centering parts no. 24006.





Flush door positioning with base profile and leading ramp

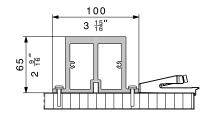
Flush door positioning with magnetic centering parts

#### Reinforcement profile/Connection plate

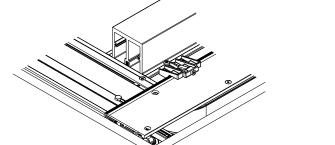
	mm/inch	code
Reinforcement profile incl. top track connection plate, alu plain anodized, predrilled	2600 (8'6 <sup>3</sup> / <sub>8</sub> ")	24322
Reinforcement profile, alu plain anodized, predrilled	cut to size	24281
Top track connection plate, alu plain anodized, predrilled		24321

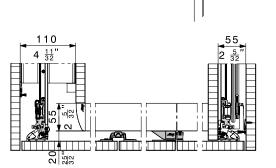
#### Reinforcement profile / Connection plate

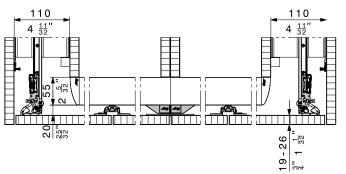
Thanks to the optionally available profile for reinforcing the cabinet top, three and four door systems without separating walls can be realized.

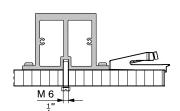


Profile, pre assembled

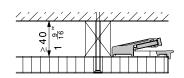








Profile can be fitted retrospectively from below



Custom solution

#### Three-door cabinet fronts

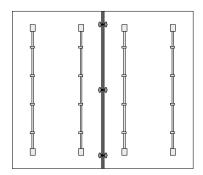
The sets with 2120 mm long running tracks make it possible to combine Hawa Folding Concepta and Hawa Concepta. This means that nothing stands in the way of 3-door systems without separating walls.

### Four-door cabinet fronts

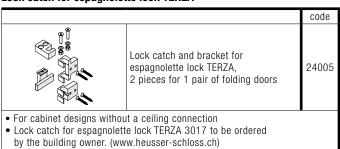
4-door cabinets without separating walls can be realized with a Hawa Folding Concepta on the left and the right. This makes opening widths of up to 2800 mm possible without separating walls.

#### Aligner

The alignment hardware makes it easy to stabilise and adjust the folding/slide-in doors. At least two hardware sets are recommended for each door and can be shortened as required.

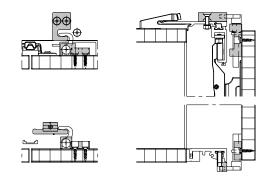


#### Lock catch for espagnolette lock TERZA



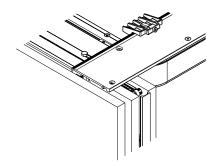
#### Lock catch for espagnolette lock

The lock catch from Hawa and the commercially available espagnolette lock TERZA 3017 from Heusser make cabinet fronts lockable.



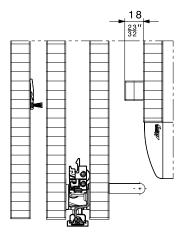
#### Assembly simplification features

The corpus and side connection profiles included in the Hawa Folding Concepta 25 set make it easier to design cabinet bodies with overlaying cabinet fronts. The top track and base profile also make for easier installation as they are fitted to the cabinet corpus from the front. They can also be fitted retrospectively across a number of previously installed cabinet corpus.



#### Door handle / door position

Commercially available bow handles enable convenient, one handed operation of folding/slide-in doors. The folding door pair can be pushed in fully flush with the external side.



The alu profile between the bi-folded door pair discreetly conceals the strap hinges

#### Installation tip

The cabinet must be levelled and anchored to the building to achieve the best possible functionality and operating convenience.

#### Order specifications

- Type and quantity of Hawa Concepta sets
- With 3-door systems, type and quantity of Hawa Concepta sets
- · Quantity of bottom profile or
- Quantity of magnetic centering part

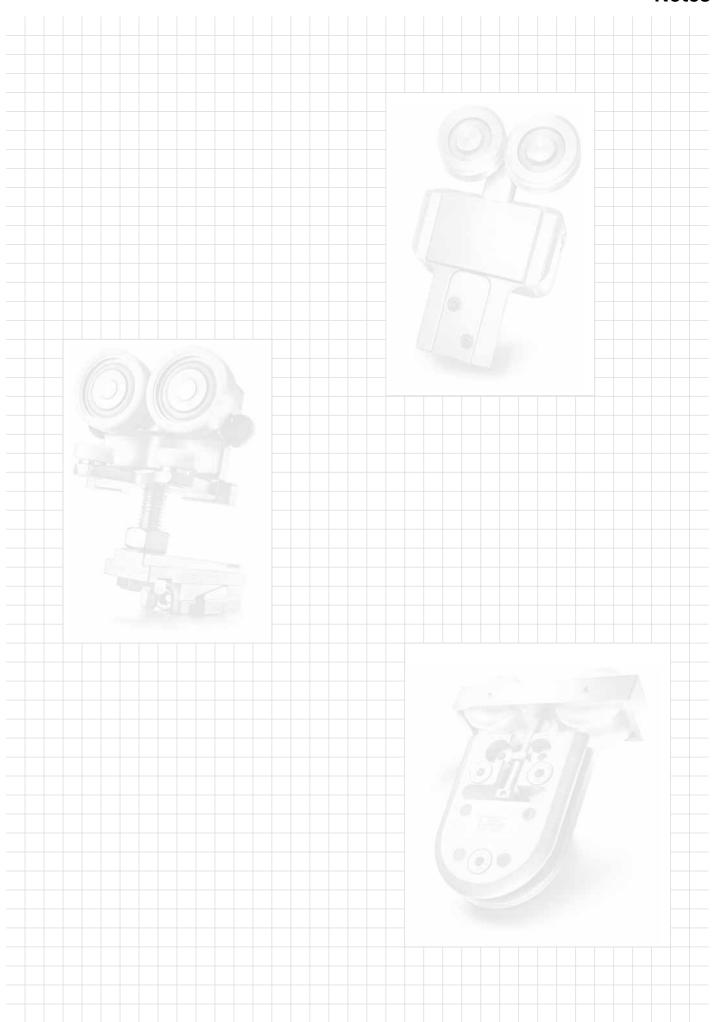
#### Optional order specifications

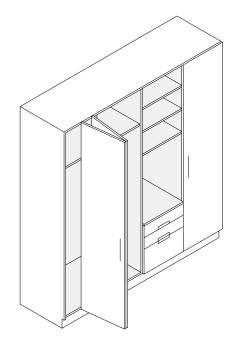
- Quantity of reinforcement profile
- Quantity of lock catch for espagnolette lock TERZA 3017
- · Quantity of aligner

#### Planning/installation

For planning and installation purposes, please use the installations drawing code 30184. (→ www.hawa.ch → Hawa Productfinder)

## Notes







#### Description

With the Hawa Multifold 30, two cabinet/wardrobe doors can be folded as panel pairs and moved to and fro. The number of panel pairs is not limited. Several pairs of panels can be joined using an adapter. Cabinet designs can incorporate inlaying, semi-overlaying and overlaying cabinet doors. The side panels, top, bottom and shelves are all the same width. The cupboard interior space is not restricted by any protruding hardware elements. A horizontal brush seal in the top track and bottom guide channel protects against dust and deadens impact noise. For the centre groove a rubber seal can be used which protects the cupboard interior and hinges against dust. The panel pairs can be locked with a furniture bar bolt lock. The hardware system is also suitable for fixing the panels on the side.

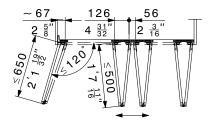
#### **Applications**

This hardware system is suitable for use in interior design and furniture manufacturing wherever quality and simple operation with extremely smooth and stable running is required, e.g. interiors, hotels, etc.

#### Features of the Hawa Multifold 30

- Maximum panel weight 30 kg (66 lbs.), panel pair 60 kg (132 lbs.)
- Maximum panel heights 2600 mm (8'6 $\frac{3}{8}$ ")
- Panel widths free slideable, 200–500 mm  $(7\frac{7}{8}$ "–1' $7\frac{11}{16}$ ") Panel widths side hinged, 200–650 mm  $(7\frac{7}{8}$ "–2' $1\frac{139}{32}$ ") Panel thicknesses 19–25 mm  $(\frac{3}{4}$ "– $\frac{63}{94}$ ")

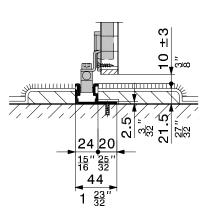
- Vertical groove width 3–5 mm  $(\frac{1}{8}$   $-\frac{13}{8}$   $-\frac{13}{8}$   $-\frac{13}{8}$
- Vertical adjustment  $\pm 2 \text{ mm} \left(\frac{3}{32}\right)$

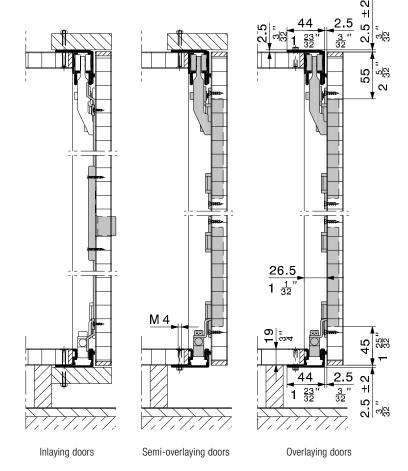




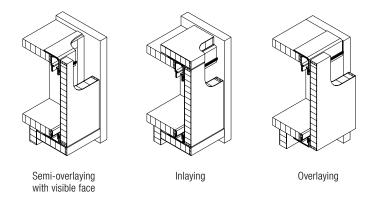
#### Walk-in cabinet

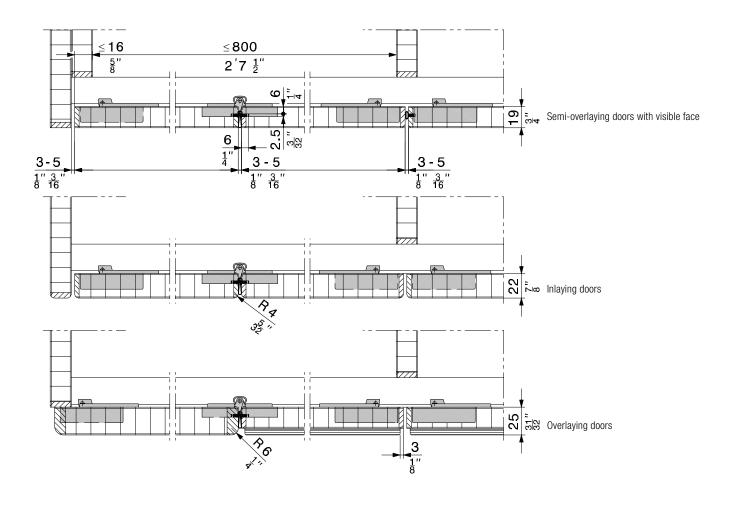
A walk-in cabinet version is also possible. Please see also Hawa Multifold 30 W.

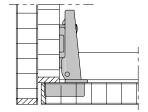


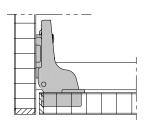


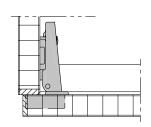
#### Cabinet design versions











#### Side attachment

For side attachment, standard 110° concealed hinges with springs can be used.



#### Sets without profile set

		maximum panel widths	panels	code
	«Two-panel cabinet/ wardobe» set	500 mm (1'7 11/16")	2	15037
	«Exterior type» set (for left and right-hand use)	500 mm (1'7 11/16")	2	15276
WW	«Central type» set	500 mm (1'7 11 ")	2	15039
<b>/</b>	«Sidefit type» set, with- out concealed hinges (for left and right-hand use)	650 mm (2'1 <sup>19</sup> / <sub>32</sub> ")	2	15040

#### **Profile sets**

Caution: Hole positions vary		mm/inch	code
Top track and bottom guide channel, alu plain anodized, with brush seal		1100 (3'77 8")	15024
	bottom guide channel,	1800 (5'10 <sup>7</sup> / <sub>8</sub> ")	15025
		2500 (8'2 <sup>7</sup> / <sub>16</sub> ")	15026
	3500 (11'5 13")	15027	
		6000 (19'8 <sup>7</sup> / <sub>32</sub> ")	15290

### **Profile set comprising**

· ·	<u> </u>		_	_	_			
Caution: Hole positions vary		mm/ inch	15024	15025	15026	15027	15290	code
		1100 (3'7 <sup>7</sup> / <sub>8</sub> ")	1	-	-	-	-	15014
	Top track, alu plain	1800 (5'10 <sup>7</sup> / <sub>8</sub> ")	-	1	-	_	-	15015
	anodized, predrilled, with brush seal	2500 (8'2 <sup>7</sup> / <sub>16</sub> ")	-	-	1	-	-	15016
		3500 (11'5 <sup>1용</sup> ")	-	-	-	1	-	15017
		6000 (19'8 <sup>7</sup> / <sub>32</sub> ")	-	-	-	-	1	15288
	Bottom guide channel, alu plain anodized, predrilled, with brush seal	1100 (3'7 <sup>7</sup> / <sub>8</sub> ")	1	-	-	-	-	15019
		1800 (5'10 <sup>7</sup> / <sub>8</sub> ")	_	1	_	_	_	15020
		2500 (8'2 <sup>7</sup> / <sub>16</sub> ")	-	-	1	-	_	15021
		3500 (11'5 13")	-	_	-	1	-	15022
		6000 (19'8 <sup>7</sup> / <sub>32</sub> ")	_	_	_	_	1	15289

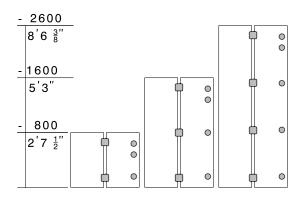
#### Vertical seal profiles, styrene-butadiene rubber (SBR)

		code
Seal profile, white, similar RAL 9010	5-m roll (16'4 <sup>27</sup> / <sub>32</sub> ")	15227
Seal profile, black, similar RAL 9011	5-m roll (16'4 <sup>27</sup> ")	15224

#### **Set comprising**

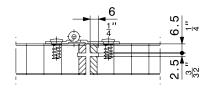
Set comprising							
			15037	15276	15039	15040	code
	Trolley with 2 plastic tyre and 2 guide rollers	ed wheels	2	2	2	1	15032
	Suspension unit		2	2	2	1	15029
	Floor guide unit, short		2	1	_	1	15030
	Floor guide unit, long		_	1	2	-	15034
0 A	Roller-guide set, 2 overlaying doors		_	_	_	1	18570
	Set of countersunk head press. screws,	12 pieces	-	-	-	1	15035
•	4 x 16 mm (\frac{5}{32}" x \frac{5}{8}")	24 pieces	1	1	1	_	14908
		to 15037	1	-	-	-	15031
181		to 15276	-	1	_	_	15277
	Set of fixing screws	to 15039	-	-	1	-	15110
		to 15040	-	-	-	1	15036
	Spring-concealed centre with fixing screws	hinge,	3	3	3	_	14904
6 6	Centre hinge, with fixing screws		_	_	_	3	15041
<b>466</b>	Door catch, plastic black, with fixing screws		1	1	1	1	15033
	Retaining bumper on top		2	1	_	1	14960
	Stop bumper, at the botto	om	2	1	-	1	14957

#### Arangement and number of hinges

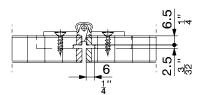


On the outer side commercially available concealed spring-loades hinges for inset doors, ≥ 110°, may be used

#### Grooves for vertical sealing profile



Hinged to side version



Not hinged to side version

#### **Accessories**

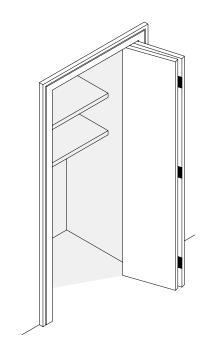
			code
	Folding panel connecting elements for two pairs of folding sliding doors (2-piece set)		14933
	Panel surface equalizer, plastic black (2-piece set)		14906
(A) (Ş	Furniture bar bolt lock, 27/110/8 mm (1t/6 /4 c/6 f/6 ), nickel finish, with 1 EURO key, 2 half-round rods,	left	20875
	1500 mm (4'11½") strike plates (simultaneous locking)		20876
	Furniture bar bolt lock, 27/110/8 mm (1\frac{1}{16}"/4\frac{2}{64"}\frac{7}{16}"), nickel finish, with Kaba-8-cylinder (length 25 mm [\frac{50}{64"}]) 1 press-fit sleeve, 2 keys, 2 half-round rods, 1500 mm (4'11\frac{1}{16}"), rod guides and strike plates (separate locking)		20873
			20874
	Concealed hinge, dull nickel finish, 110° (inset panels)		14528
To the state of th	Concealed hinge, dull nickel finish, 120° (overlaying panels)		15059
	Mortising template for cup recesses		14761

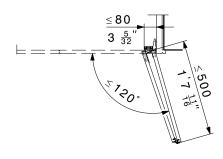
#### Order specifications

- Number and type of sets
- Number and type of profile sets
- Number of rollers and type of vertical seal profiles
- Number and type of accessories
- Whether with or without mortising template

#### Planning/installation

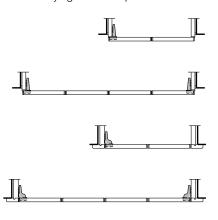
Please use the corresponding installation instructions: 15042 for folding panel pairs that are to be freely moved to and fro 14826 for folding panel pairs that are to be attached to the side Each set of tracks contains installation instructions. (→ www.hawa.ch → Hawa Productfinder)

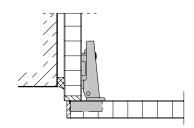




#### Construction

Designs incorporating inlaying and overlaying doors are possible.







#### Description

The Hawa Multifold 30 W is a supplement to the Hawa Multifold 30 with inlaying or full overleay sliding cabinet doors. It is attached on one side with concealed hinges and does not need a bottom guide. The hardware can be used for sliding to the left and right.

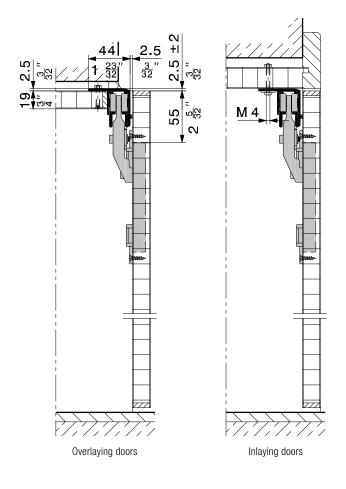
#### **Applications**

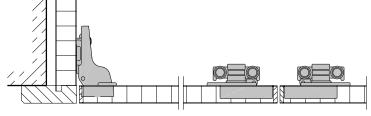
For use in interiors wherever quality and simple operation are required together with extremely smooth and stable motion, e.g. interior design, hotels, etc.

#### Features of the Hawa Multifold 30 W

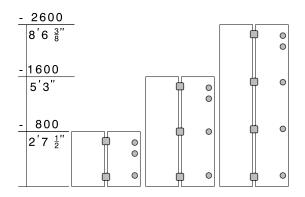
- Maximum panel weight 30kg (66 lbs.) per panel pair 60 kg (132 lbs.)
- Maximum panel heights 2600 mm (8'6<sup>3</sup>/<sub>8</sub>")

- Panel widths 200–500 mm  $(7\frac{7}{8}"-1)^47\frac{1}{16}")$  Panel thicknesses 19–25 mm  $(\frac{3}{4}"-\frac{63}{64}")$  Vertical groove width 3–5 mm  $(\frac{1}{8}"-\frac{13}{164}")$  Vertical adjustement  $\pm$  2 mm  $(\frac{3}{32}")$





#### Arrangement and number of hinges



On the outer side commercially available concealed spring-loades hinges for inset doors,  $\leq 120^\circ,$  may be used

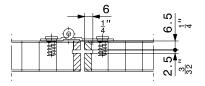
#### Sets

	panel	code
Hawa Multifold 30 W, Set for «walk-in cabinet», <b>with</b> top track	2	15569
Hawa Multifold 30 W, Set for «walk-in cabinet», <b>without</b> top track	2	18286

#### Set comprising

Caution: Hole position:	s vary	15569	18286	code
	Trolley with 2 plastic tyred wheels and 2 guide rollers	1	1	15032
	Suspension unit	1	1	15029
	Sef of countersunk head pressure screws 4 x 16 mm ( $\frac{5}{32}$ " x $\frac{5}{8}$ "), 6-piece set	1	1	14172
	Set of fixing screws, 3-piece set	1	1	15657
	Centre hinge, dull nickel finish, with fixing screws	4	4	15041
<b>*</b>	Door catch, plastic black, with fixing screws	1	1	15033
	Retaining bumper on top	1	1	14960
	Panel surface equaliser, plastic black, 2-piece set	1	1	14906
	Surface equalizer for side wall	1	1	17266
	Top track 1100 mm (3'7 5"), alu plain anodized, predrilled, with brush seal	1	ı	15014

#### Vertical sealing profile



Grooves for vertical sealing profile

#### Vertical profiles, styrene-butadiene rubber (SBR)

		code
Seal profile, white, similar RAL 9010	5-m roll (16'4 <sup>27</sup> ")	15227
Seal profile, black, similar RAL 9011	5-m roll (16'4 <sup>27</sup> / <sub>32</sub> ")	15224

#### Top tracks

Caution: Hole positions vary		mm/inch	code
		1100 (3'7 5 ")	15014
	Top track, alu plain anodized, predrilled, with brush seal	1800 (5'10 <sup>7</sup> / <sub>8</sub> ")	15015
		2500 (8'2 <sup>7</sup> / <sub>16</sub> ")	15016
		6000 (19'8 <sup>7</sup> / <sub>32</sub> ")	15288

#### **Accessories**

			code
	Concealed hinge, dull nickel finish, 110° (inset panels)		14528
	Concealed hinge, dull nickel finish, 120° (overlaying panels)		15059
	Furniture bar bolt lock, 27/110/8 mm $(1\frac{1}{16}"/4\frac{2}{16}")$ , nickel finish, with 1 EURO key, 2 half-round rods, 1500 mm $(4'11\frac{1}{16}")$ strike plates (simultaneous locking)		20875
			20876
	Furniture bar bolt lock, 27/110/8 mm $(1\frac{1}{16}"/4\frac{3i}{8}"/\frac{5}{6}")$ , nickel finish, with Kaba-8-cylinder (length 25 mm [ $\frac{8}{8}$ "])		20873
	1 press-fit sleeve, 2 keys, 2 half-round rods, 1500 mm (4'11½"), rod guides and strike plates (separate locking)	right	20874
	Mortising template for cup recesses		14761

#### Order specifications

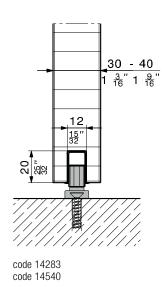
- Type and number of set
- Number of rolls and type of vertical seal profiles
- Type and number of accessories
- Whether with or without mortising template

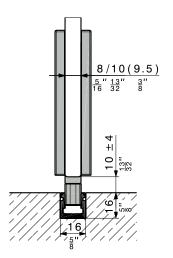
#### Planning/installation

Please use for planning and execution the installation instructions code 15567. Each set contains installation instructions. (→ www.hawa.ch → Hawa Productfinder)

## **Accessories**

# 30 - 40 1 3"1 9" 10 <del>+</del>1 202 100 E code 14283

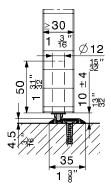




code 20505 code 18477 code 18652 code 19136

## 30 - 40 10(8-10.7) $1 \frac{3}{16}$ $1 \frac{9}{16}$ 13" 5" 13' 32 16 32 Ø12 30 $1 \frac{3}{16}$





code 19350 code 19162 code 19150 code 19155

<sup>1</sup>ESG: fully tempered monolithic glass

<sup>2</sup>VSG: fully tempered laminated glass

## **Bottom guides**

#### Description

Additional guide variants for Hawa Ordena 70 and other systems.

#### Bottom guide channel/bottom guide profile

Caution: Hole position	s vary	mm/inch	code
	Bottom guide channel,	3500 (11'5 13")	18864
	alu plain anodized, predrilled,	6000 (19'8 <sup>7</sup> / <sub>32</sub> ")	18216
	$16x16x3 \text{ mm } (\frac{5}{8}"x\frac{5}{8}"x\frac{1}{8}")$	cut to size	18477
	Guide profile plastic, black, groove mounted 20 x 12 mm (ﷺ x 55 y, set of 10 pieces	1300 (4'3 3")	14540
	Dual bottom guide profile, alu plain anodized	2500 (8'2 <sup>7</sup> / <sub>16</sub> ")	18944
		3500 (11'5 13 ")	18945
		6000 (19'8 <sup>7</sup> / <sub>32</sub> ")	18824
<b>*</b> </td <td></td> <td>cut to size</td> <td>18946</td>		cut to size	18946
		2500 (8'2 <sup>7</sup> / <sub>16</sub> ")	19348
	Single bottom guide profile,	3500 (11'5 13")	19349
	alu plain anodized	6000 (19'8 <sup>7</sup> / <sub>32</sub> ")	18956
<b>*</b>		cut to size	19350
Set of fixing parts for bottom guide profiles, 5 pieces (2 pieces per metre)			19162

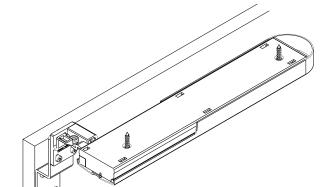
#### Floor guides

		code
	Single floor guide, screw mounting, rattle proof, for wooden doors	14283
	Spring loaded floor guide, for 1 glass sliding door ESG <sup>1</sup> /VSG <sup>2</sup> (2 pieces)	20587
ĵ	Spring loaded floor guide, for 1 wooden sliding door (2 pieces)	19155
	Floor guide, rattle proof, to patch suspension 20505	19136

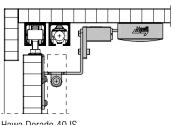
#### **Accessories**

		roll of	code
	Rubber profile self-adhesive, for 8/10 mm $(\frac{5}{10}^{13})^{132}$ glass thickness, black,	5 m (16'4 <sup>27</sup> ")	19442
		10 m (32'9 <sup>23</sup> / <sub>32</sub> ")	19443
	glass distance 4 mm $(\frac{5}{32}")$	50 m (164'½")	19444
	Rubber profile self-adhesive,	5 m (16'4 <sup>27</sup> ")	19445
	for 8/10 mm ( $\frac{5}{16}$ "/ $\frac{13}{32}$ ") glass thickness, translucent,	10 m (32'9 <sup>23</sup> / <sub>32</sub> ")	19446
	glass distance 4 mm $(\frac{5}{32}")$	50 m (164'½")	19447
	End stopper for alu bottom guide channel, 16 x16 mm $(\frac{5}{8}$ " $x\frac{5}{8}$ ")		18652
E.	Patch suspension with glass holder insert, ESG¹/VSG²		20505
	Centering assembly, grey, for all glass sliding doors		18619
Cover plates: → Hawa Ordena 70			

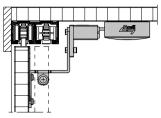
## Accessories



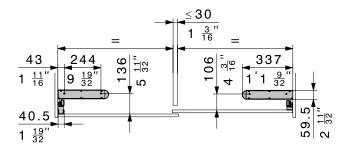
#### Suitable for



Hawa Dorado 40 IS Hawa Dorado 40 MS



Hawa 208 40/70 IS Hawa 209 40/70 MS



#### Soft closing system for furniture doors

#### Description

The soft closing system closes furniture doors softly and quietly, pulls them gently into their final position and holds them firmly in place. The soft closing system is mounted in the fully assembled sliding door cabinet after the doors have been fitted and aligned.

#### Features of the soft closing system for furniture doors

- Depending on the system, door weight up to 80 kg (176 lbs.)
- Minimum door weight 20 kg (44 lbs.)
- Simple and easy installation retrofitting possible

#### Soft closing system

	code
Soft closing system, 1 pair for 2-door cabinet	21095

#### Set comprising

Set combinaing		
		code
	Soft closing system for left-hand furniture doors, plastic grey	20815
	Soft closing system for right-hand furniture doors, plastic grey	20816
	Driver for soft closing system for left-hand furniture doors	21218
	Driver for soft closing system for right-hand furniture doors	21219
E II	Adapter for soft closing system, for furniture doors, incl. set of fixing screws, outer door	21216
	Adapter for soft closing system, for furniture doors, incl. set of fixing screws, inner door	21217
	Positioning gauge for soft closing system, for furniture doors	21265

#### Cover cap for soft closing system for furniture doors

	pieces	code
Cover cap for soft closing	1	20810
system for furniture doors, dull chromium finish	2	21097

#### Order specifications

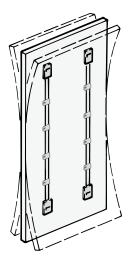
- · Quantity of sets
- Quantity of cover caps for the soft closing system

#### Planning/installation

For planning and installation purposes, please use the installation drawing code 21210. (→ www.hawa.ch → Hawa Productfinder)

## **Accessories**

#### **Application**



## Aligner for stabilisation of sliding doors

#### Description

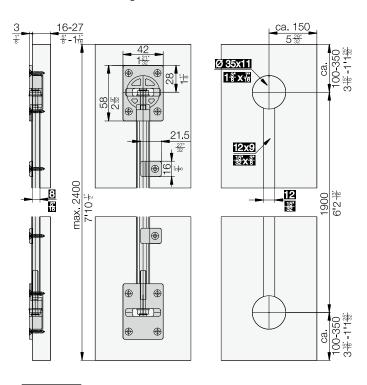
The aligner provides a simple way to avoid flexure in sliding door panels. We recommend mounting at least two per panel. Aligners may be cut to length where necessary.

#### Features of the Aligner

- Door thickness  $16-28 \text{ mm} \left(\frac{5}{8} 1\frac{1}{8}\right)$
- Maximum door hight 2600 mm (8'6\frac{3}{8}")
- Pre-mounted hexagon screw in fastening strip
- Not suitable for solid hardwood

#### Mounting examples

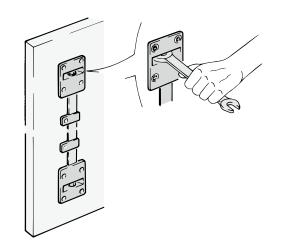
Ø35x11 = Door machining



#### Aligner - Set for 1 wooden door

	code
Aligner for stabilisation of wooden sliding doors, set for 1 door	18705

#### Mounting



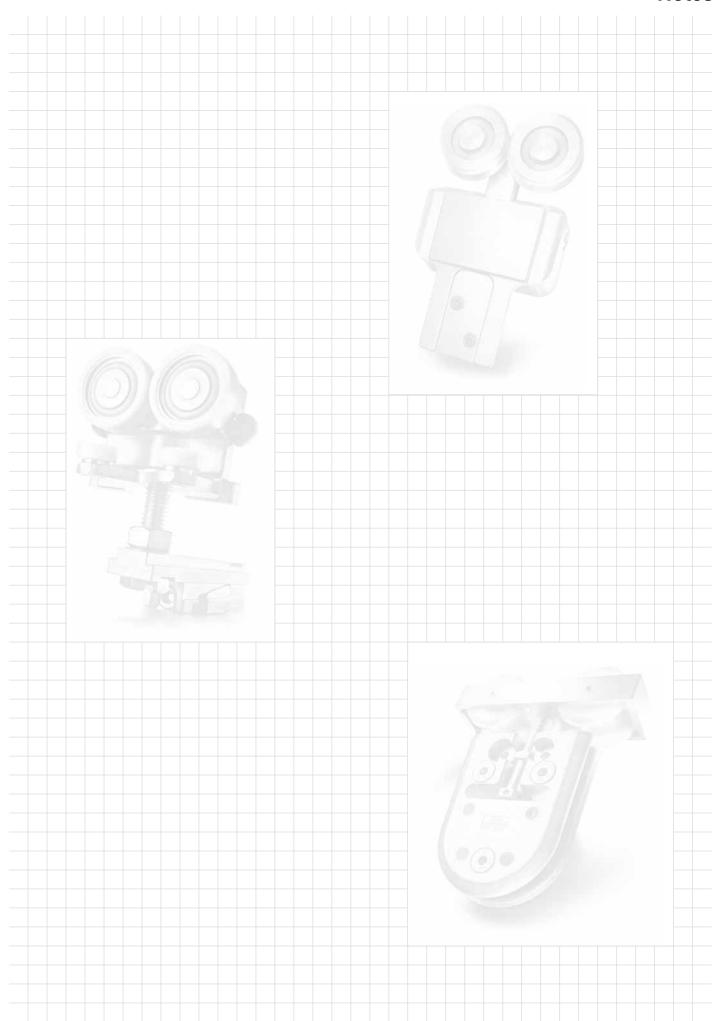
#### Order specifications

• Quantity of door sets

#### Planning/installation

An installation drawing is supplied with the hardware.

## Notes



## General Terms and Conditions (GTC)

#### 1. General information

- 1.1 These General Terms and Conditions apply to all contractual arrangements entered into with Hawa Sliding Solutions AG, Mettmenstetten, Switzerland (Hawa), and they constitute an integral element of these contractual arrangements. Hawa does not recognize contractual partners' contrary or alternative terms and conditions.
- 1.2 In order to be valid, all agreements made between the contractual parties must be made in writing, especially in the case of any deviations from these General Terms and Conditions.
- 1.3 Third parties not party to the contract shall have no entitlement to the assertion of any provisions whatsoever of these General Terms and Conditions.
- 1.4 If any individual provisions contained in these General Terms and Conditions are deemed by a competent authority to be wholly or partially invalid or unenforceable, this shall not affect the remaining provisions or the remainder of the questionable provisions of these General Terms and Conditions

#### 2. Deliveries

- 2.1 Purchase orders shall only be binding on Hawa, if it has confirmed these in writing. If no specific time or date has been agreed for the delivery of supplies and services, Hawa shall deliver these in accordance with its standard business operations.
- 2.2 In the event of any ambiguities or disagreements concerning the content of a purchase order, Hawa's written order confirmation shall be authoritative, unless the contractual partner has raised an objection to the order confirmation within 24 hours (Monday-Friday), (this time limit shall be correspondingly extended if it expires on a weekend).
- 2.3 Hawa shall only be bound by dates and time limits for the delivery of supplies and services, if these have been defined in writing and confirmed by Hawa in a binding manner. Hawa's fulfilment of dates and time limits is conditional on the timely receipt of all the documents and releases required from the contractual partner and the fulfilment of all its other obligations. Dates and time limits shall otherwise be appropriately extended.
- 2.4 In the event that Hawa fails to meet confirmed dates and time limits, the contractual partner must afford it a reasonable additional period of time to deliver performance. If Hawa also fails to render delivery within this additional period of time, the contractual partner shall be entitled to rescind the agreement and demand the repayment of all payments already made. The contractual partner shall have no fartherreaching rights or claims, especially not to any compensation for delayed performance, or for indirect or third-party damage.
- 2.5 Hawa is entitled to make partial deliveries. In the event that the contractual partner is in default of payment, Hawa shall be entitled to withhold other agreed supplies and services, until all outstanding payments have been settled, and adequate collateral has been provided in respect of future supplies and services. The contractual partner has no right of rescission in the event that a delivery is withheld due to a default of payment.
- 2.6 Subject to any alternative agreement concluded between the contractual parties, deliveries shall be made ex Hawa's warehouse at the cost and risk of the contractual partner (see too No. 3.2). Return consignments of goods require the explicit, prior consent of Hawa. In this case, there will be a credit up to a maximum of 65% of the product value. The contractual partner shall bear the costs of shipment and processing of return consignments (incoming goods inspection, including packaging, etc.). Custom-made products may not be returned.
- 2.7 Unless agreed otherwise with the contracting partner, the delivery terms shall be interpreted in accordance with Incoterms 2010 (International Commercial Terms), of the International Chamber of Commerce (ICC).

#### 3. Prices and conditions of payment

- 3.1 Agreements concerning prices, cash discounts and rebates, etc. shall only be binding on Hawa if agreed in writing. Otherwise the prices contained in Hawa's current price list or order confirmations shall apply. Hawa may amend these price lists at any time. The current price lists shall apply. Prices are listed in Swiss Francs (excluding VAT), unless otherwise explicitly agreed in writing.
- 3.2 Hawa reserves the right to pass on freight charges. The full freight or postage charge will be invoiced for express, postal or direct consignments. All taxes and charges will be passed on. Hawa reserves the right to charge packaging at cost price. Any requests for special packaging shall be charged separately.

Subject to modification

## **General Terms and Conditions (GTC)**

- 3.3 Payment is deemed made, once the relevant amount is credited to Hawa's account. In the event of a default of payment, Hawa shall be entitled, without having to issue a reminder, to charge interest from the 31st day following the invoice date, at the rate charged by commercial banks on current account overdrafts, but no less than 5% in any case.
- 3.4 The contractual partner's payments will firstly be applied against the oldest outstanding payments. If costs and interest have already accrued, payments shall first be credited against the costs, then the interest, and finally against the principle debt.
- 3.5 Payments due to Hawa may only be offset against the contractual partner's counter-claims, if Hawa has consented to this or if a res judicata decision has been issued to this effect.

#### 4. Retention of title

- 4.1 The delivered goods shall remain the property of Hawa, until the payment of all of Hawa's claims against the contracting partner (including the settlement of all outstanding current account balances). In the event that various goods are combined, the retention of title shall endure in the relevant proportion of the value of the new goods. Hawa is entitled, without any involvement on the part of the contractual partner, to register the retention of title in the retention of title register («Eigentumsvorbehaltsregister») of the competent debt enforcement office, and the contractual partner authorizes Hawa to undertake the actions necessary for this purpose.
- 4.2 If the contractual partner resells the goods prior to the fulfilment of all of Hawa's claims, it here and now, by way of precaution, assigns to Hawa (irrespective of any legally valid retention of title) the corresponding claims established by way of the resale or arising through any other legal basis.
- 4.3 In the event of any third-party interference with the goods subject to a retention of title arrangement, the contracting partner shall be duty bound to indicate Hawa's ownership of said goods, and notify Hawa accordingly.
- 4.4 In the event of default of payment on the part of the contractual partner, Hawa shall be entitled to repossess the goods delivered. Hawa's repossession of goods shall not constitute any termination of the agreement, and will not release the contractual partner from its contractual duties.

#### 5. Product performance, obligations to provide information and instructions

- 5.1 Unless the product performance is described in Hawa's current catalogues, brochures or service descriptions etc., the specifications of the specific products must be agreed with Hawa in writing. Unless an agreement has been made to the contrary, the technical specifications may be changed at any time.
- 5.2 The contractual partner acknowledges that the fitness for purpose of the products is dependent on a wide range of factors, and it undertakes to read the relevant design and assembly instructions.
- 5.3 In order to fulfil its obligations to provide information and instructions, Hawa provides contracting partners (usually specialist dealers, architects, designers, consultants, workshops/tradesmen, etc.) with catalogues, brochures, design and installation manuals, maintenance manuals, operational advice and training.
- 5.4 Contractual partners are duty bound to observe Hawa's product information. All requisite instructions are available on Hawa's website, or can also be requested from Hawa. They must be passed on to workshops/tradesmen and users as necessary.

#### 6. Drawings and tools

- 6.1 Hawa reserves ownership to construction drawings prepared and issued by it specifically for a particular job. Unless Hawa has issued its consent, these may not be passed on to any other parties, or copied or otherwise reproduced.
- 6.2 Tools produced for special orders shall remain the property of Hawa. The contractual partner will not be able to demand them, even if it has contributed to the tool costs. Special agreements reserved.
- 6.3 Hawa shall not be liable for any and all consequences resulting from patent or other property right infringements resulting from deliveries made in accordance with the contractual partner's instructions. The contractual partner undertakes to indemnify Hawa fully and unreservedly in such cases.

## General Terms and Conditions (GTC)

#### 7. Warranty of title, product warranty, liability

- 7.1 Hawa guarantees that the products do not violate the intellectual rights of any third parties.
- 7.2 The contracting partner must inspect supplies and services for defects immediately upon receipt. Hawa must be promptly notified of any complaints; otherwise the purchased goods are deemed accepted.
- 7.3 With the exception of parts subject to wear and tear, Hawa warrants the flawless functioning of the products delivered by it, as well as the durability of all parts, for a period of 2 years commencing from the transfer of risk. This product warranty does not include damage due to natural wear and tear, improper use, failure to observe installation and maintenance instructions, changes to the goods as delivered or to spare parts that do not correspond to Hawa's original specifications.
- 7.4 Hawa may demand that the contracting partner return parts about which a complaint has been justifiably made; this shall be performed at the partner's cost and risk. Defects affecting parts of a delivery do not entitle the contractual partner to reject or return the entire delivery.
- 7.5 In the case of justified complaints, the contracting partner is entitled to subsequent improvement (repair) or replacement of the defective part (the decision resting with Hawa). Subsequent improvements or substitute deliveries performed by Hawa are covered by the same product warranty that Hawa extended to the original delivery, except this shall be limited in time to 6 months following the acceptance of the subsequent improvement or the receipt of the substitute delivery.
- 7.6 All other liability, irrespective of the legal basis, is explicitly repudiated, insofar as this is legally permissible. This applies particularly to indirect and third-party damage.

#### 8. Applicable law, legal venue

- 8.1 All contractual agreements concluded with Hawa shall be exclusively governed by Swiss law to the exclusion of the rules on the conflict of laws, and the United Nations Convention on Contracts for the International Sale of Goods (CISG).
- 8.2 The exclusive legal venue for all disputes arising from or in connection with the contractual agreements between Hawa and the contractual partner shall be that court with jurisdiction for the place at which Hawa has its registered address. Hawa is also entitled to pursue legal actions against the contractual partner before that court with jurisdiction for the place at which the latter has its registered address.

