Sliding – Folding – Stacking

Furniture hardware



About Hawa AG

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

Catalogue order no: 15752

Architectural hardware wood

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

Catalogue order no: 15625

Hardware for folding and sliding shutters

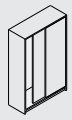
- Manual sliding shutters
- Automatic sliding shutters
- Manual folding sliding shutters
- Automatic folding sliding shutters

Catalogue order no: 20896

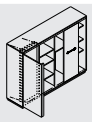
Hawa – a worldwide name for

Quality, Support and Service

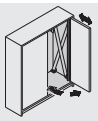
Pages 6 – 35
Sliding cabinet / wardrobe doors



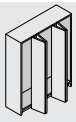
Pages 36 – 39
Side stacking cabinet / wardrobe doors



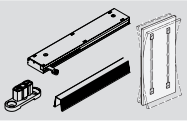
Pages 40 – 61
Pivot sliding furniture doors



Pages 62 – 65
Folding cabinet/wardrobe doors,
panels can be moved freely to and fro

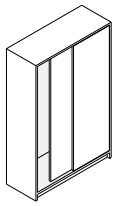
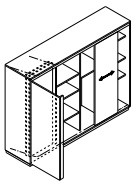
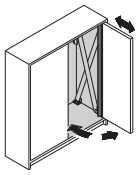
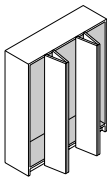
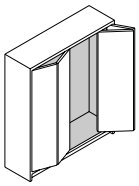
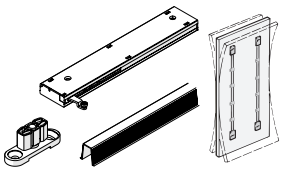


Pages 66 – 67
Folding cabinet / wardrobe doors

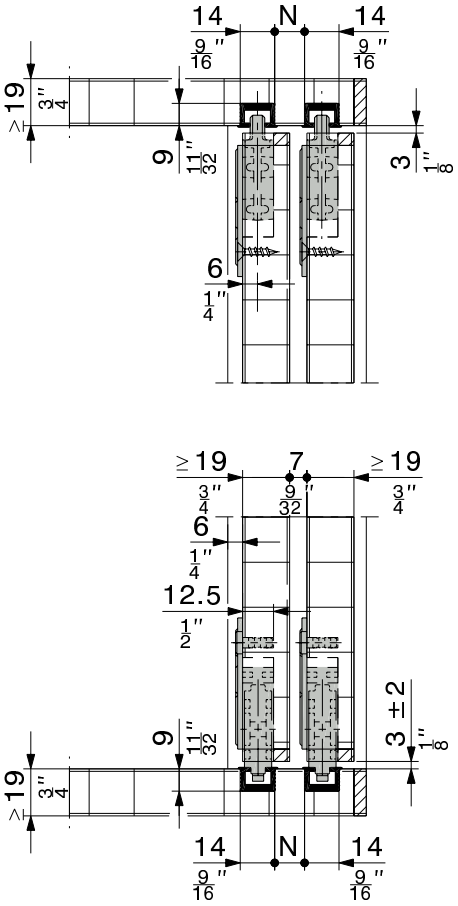


Pages 68 – 70
Accessories

Pages 72 – 74
General Terms and Conditions (GTC)
Always up-to-date – www.hawa.ch

	Recommended applications			Material		Curved installations	Mode of fixing		
	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 / wardrobe doors 	●	●		●		2000 (6'6¾")	●		
Pivot sliding furniture doors 	●	●		●			●		●
	●			●					●
Folding cabinet/wardrobe doors, panels can be moved freely to and fro 	●	●	●	●			●	●	●
Folding cabinet/wardrobe doors 	●	●		●			●	●	●
Accessories 									
Miscellaneous									

	Track noise levels		www.hawa.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		Maximum door weight		Pages
	●		●		HAWA-Miniroll 15/25		15/25 kg	33/55 lbs.	6
	●		●		HAWA-Dorado 40/IS		40 kg	88 lbs.	8
	●		●		HAWA-Dorado 40/MS		40 kg	88 lbs.	10
	●		●		HAWA-Antea 50-80/FS		50/80 kg	110/176 lbs.	12
	●		●		HAWA-Ordena 70/P		70 kg	154 lbs.	22
	●		●		HAWA-Ordena 70/F		70 kg	154 lbs.	26
	●		●		HAWA-208 40-70/IS		40/70 kg	88/154 lbs.	30
	●		●		HAWA-209 40-70/MS		40/70 kg	88/154 lbs.	32
●	●		●		HAWA-220 Planfront 70		70 kg	154 lbs.	34
●			●		HAWA-Aperto 40/F		40 kg	88 lbs.	36
●	●		●		HAWA-Concepta 25/30/40/50	NEW	25/30/40/50 kg	55/66/88/110 lbs.	40
●	●		●		HAWA-Folding Concepta 25	NEW	25 kg	55 lbs.	50
●	●		●		HAWA-Multifold 30		30 kg	66 lbs.	62
●	●		●		HAWA-Multifold 30/W		30 kg	66 lbs.	66
					Bottom guide channels				68
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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.

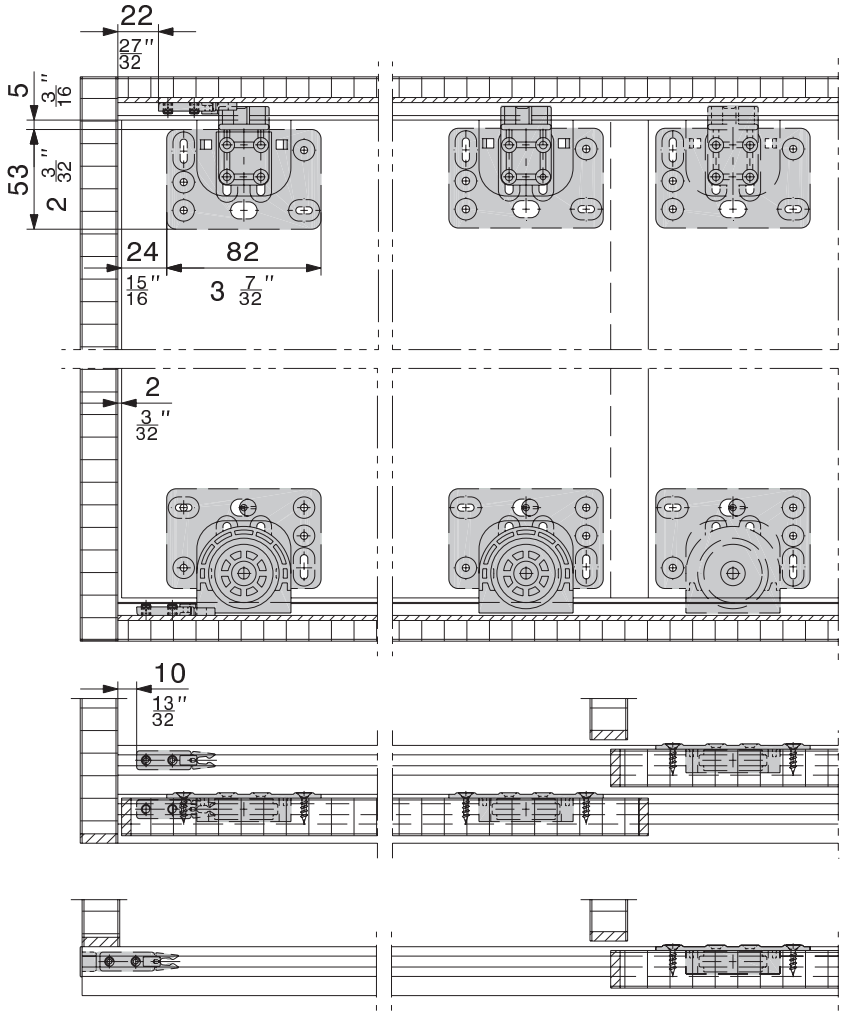
The sliding doors are vertically adjustable and are quick and easy to install. This is the ideal hardware system for interior designers and the furniture industry.

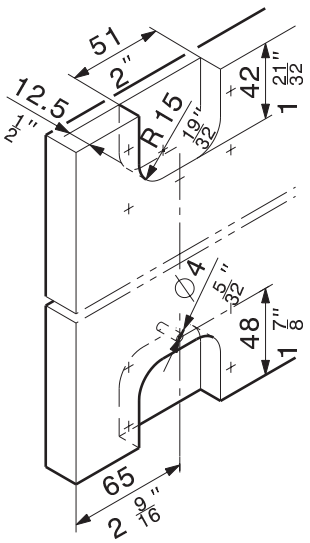
Features of the HAWA-Miniroll 15

- 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 ($\frac{3}{4}$")
- Vertically adjustable height ± 2 mm ($\frac{3}{32}$")
- Track stop with retainer





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

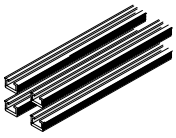
Sets without reversible top tracks / guide profiles

	panel	code
HAWA-Miniroll 15 (for sliding cabinet / wardrobe doors up to 15 kg [33 lbs.])	1	13432
	2	13433
	3	13434
HAWA-Miniroll 25 (for sliding cabinet / wardrobe doors up to 25 kg [55 lbs.])	1	13754
	2	13755
	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
	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
	Plug-in rubber door stop	–	–	1	–	–	1	10589
	Hex key, 2,5 mm ($\frac{3}{32}$"), black	1	1	1	1	1	1	13416

Reversible top tracks / guide profiles

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

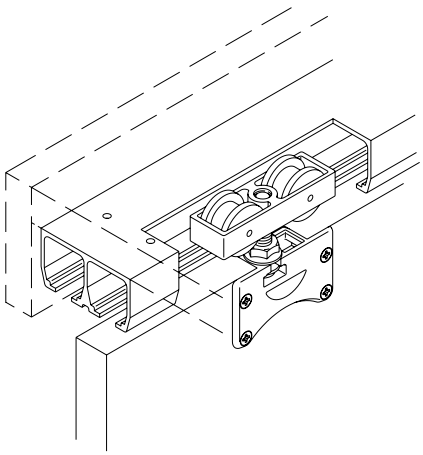
Order specifications

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

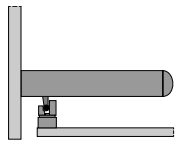
Planning/installation

Please use for planning and execution the installation instructions code 13807. (→ www.hawa.ch → HAWA-Productfinder)

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



Soft closing system,
→ page 69

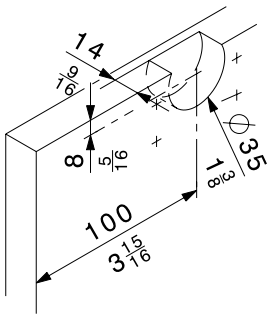


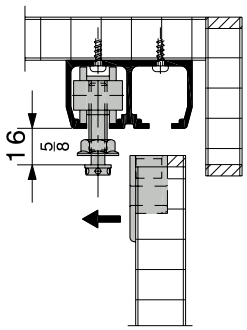
Hardware system for inlaying sliding cabinet doors up to 40 kg (88 lbs.).

Description

The HAWA-Dorado 40/IS is a high-quality hardware system equipped with a patented suspension system. It permits very quick and easy installation. A 35 mm (1 3/8") press-fit cup permits the sliding doors to be installed and removed from below with a fixed facing, or from the front if the facing is removed. Progressive vertical and lateral adjustment can be carried out without removing the sliding doors as long as the hardware system is freely accessible on the inside of the cabinet. The sliding doors are held by a bottom guide channel fixed at one point.

If the doors are to be subjected to a great deal of use, we recommend using the HAWA-Dorado 40/MS. With this hardware system the sliding doors are held by a bottom guide channel fixed at two points.



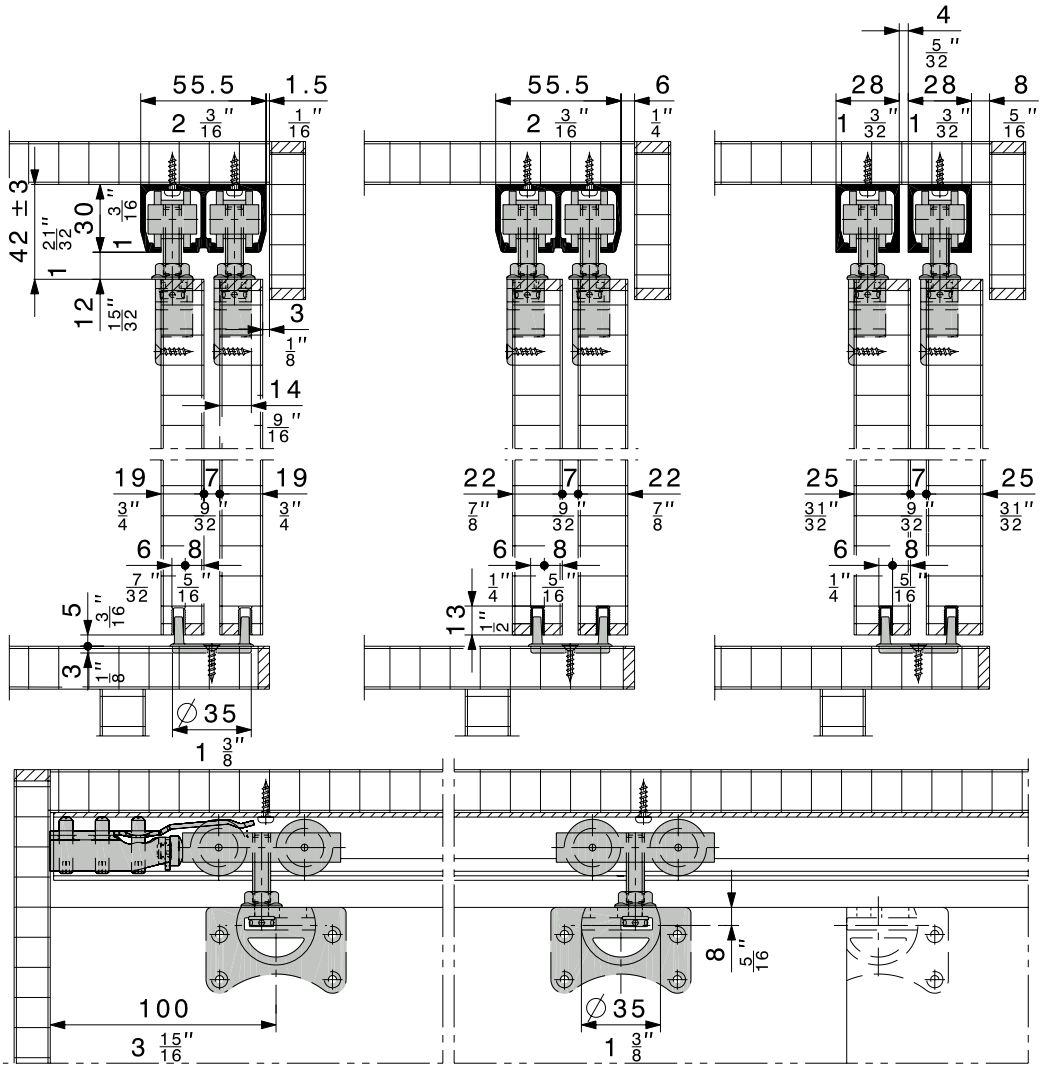


Applications

This hardware system is ideal wherever well-constructed high-quality cabinets with smooth-running sliding doors are required, e.g. interior design, offices, etc.

Features of the HAWA-Dorado 40/IS

- Maximum sliding door weight 40 kg (88 lbs.)
- Door thicknesses 19, 22 and 25 mm (3/4", 55/64" and 63/64")
- Concealed press-fit cup, 35 mm (1 3/8")
- Simple vertical adjustment ± 3 mm (1/8")
- Track stop with adjustable retainer



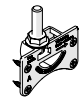
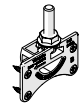
Subject to modification. Metric specifications are exact. Inches are approximate.

Sets without top tracks and guide profiles

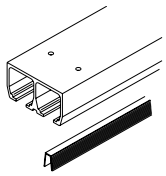
	panel	code
HAWA-Dorado 40/IS	1	12341
	2	11623
	3	11626

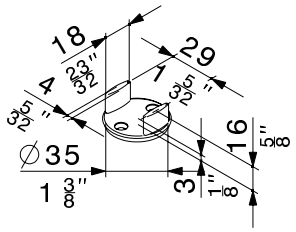
– for 4-panel sliding doors, two 2-panel sets must be ordered
– for 5-panel sliding doors, one 2-panel and one 3-panel set must be ordered
– for 6-panel sliding doors, sets of special asssortment must be ordered

Set comprising

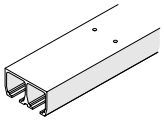
		12341	11623	11626	code
	Concealed press-fit cup with hanger bolt, M8, right	1	2	3	10486
	Concealed press-fit cup with hanger bolt, M8, left	1	2	3	10487
	Trolley hanger, M8, sleeve bearing mounted, highgrade polyamide tandem rollers	2	4	6	10420
	Track stop with adjustable retainer	1	4	4	10640
	Floor double guide, plastic brown	–	1	1	10560
	Floor single guide, plastic brown	1	–	1	10569
	Plug-in rubber door stop	1	2	2	10589
	Hex key, 3 mm ($\frac{1}{8}$"), short version	1	1	1	10785
	Vertical adjustment pin	1	1	1	10795

Track sets

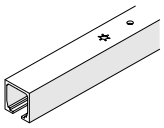
Caution: Hole positions vary		mm/inch	code
	Dual top track, alu plain anodized, predrilled, and guide profile, plastic brown	1500 (4'11$\frac{1}{16}$")	11621
		2000 (6'6$\frac{3}{4}$")	11622
		2500 (8'2$\frac{7}{16}$")	11624
		3000 (9'10$\frac{1}{8}$")	11625



Dual top tracks

Caution: Hole positions vary		mm/inch	code
	Dual top track, alu plain anodized, predrilled	2500 (8'2$\frac{7}{16}$")	10231
		3500 (11'5$\frac{13}{16}$")	10233
		6000 (19'8$\frac{7}{32}$")	10227
		cut to size	10234

Single top tracks

Caution: Hole positions vary		mm/inch	code
	Single top tracks, alu plain anodized, predrilled (for door thicknesses over 22 mm ($\frac{7}{8}$")	1400 (4'7$\frac{1}{8}$")	10213
		1600 (5'3")	10214
		1800 (5'10$\frac{7}{8}$")	10215
		2000 (6'6$\frac{3}{4}$")	10216
		3000 (9'10$\frac{1}{8}$")	18530
		4000 (13'1$\frac{1}{2}$")	18531
		6000 (19'8$\frac{7}{32}$")	10211
		cut to size	10217

Guide profiles

		mm/inch	code
	Guide profile, plastic brown	3000 (9'10$\frac{1}{8}$")	10319
		6000 (19'8$\frac{7}{32}$")	10313
		cut to size	10321

Important: panel sizing

2-panel installation:
The width of the forward doors is exactly equal to one half of the inside cabinet width. The rear panel is made 27 mm (1$\frac{1}{16}$") wider which greatly simplifies attachment of the floor guide 10560.

3-panel installation:
If the centre panel is to be in front, its width will be equal to one third of the inside cabinet width. The two rear panels are each made 27 mm (1$\frac{1}{16}$") wider. If the centre panel is to be rear, its width will equal one third of the inside cabinet width, plus 2 x 27 mm (2 x 1$\frac{1}{16}$"). The width of the two forward panels equals one third of the inside cabinet width.

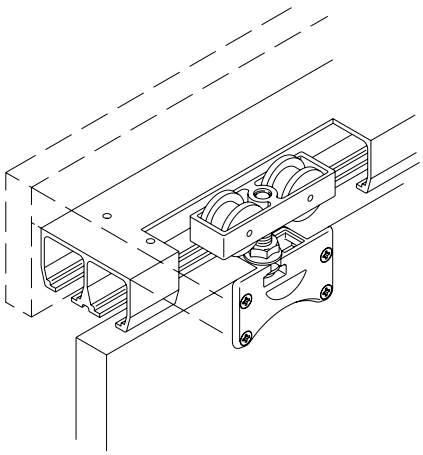
Order specifications

- Number and type of hardware sets
- Number and type of track sets, or
- Type and length of top track
- Type and length of bottom guide channel
- Number of additional stop bumpers

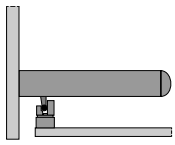
Planning/installation

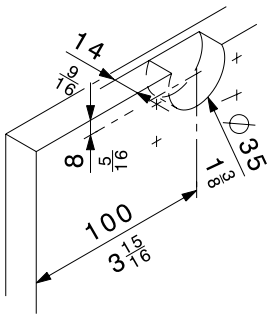
Please use for planning and execution the installation instructions code 17659. (→ www.hawa.ch → HAWA-Productfinder)

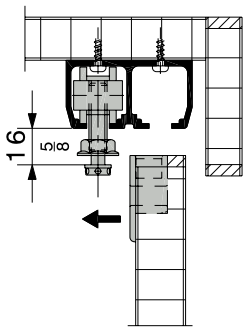
Subject to modification. Metric specifications are exact. Inches are approximate.



Soft closing system, → page 69







Hardware system for semi-overlaying sliding cabinet doors up to 40 kg (88 lbs.).

Description

The HAWA-Dorado 40/MS is a high-quality hardware system equipped with a patented suspension system. It permits very quick and easy installation. A 35 mm (1 3/8") concealed press-fit cup permits the sliding doors to be installed and removed from below with a fixed facing, or from the front if the facing is removed. Progressive vertical and lateral adjustment can be carried out without removing the sliding doors as long as the hardware system is freely accessible on the inside of the cabinet. This system is especially suitable for wide doors, which are held by bottom guide channels fixed at two points.

Centre bottom overlaying sliding doors can be moved to both sides thanks to the additional stop bumper 13315 installed on the base.

Applications

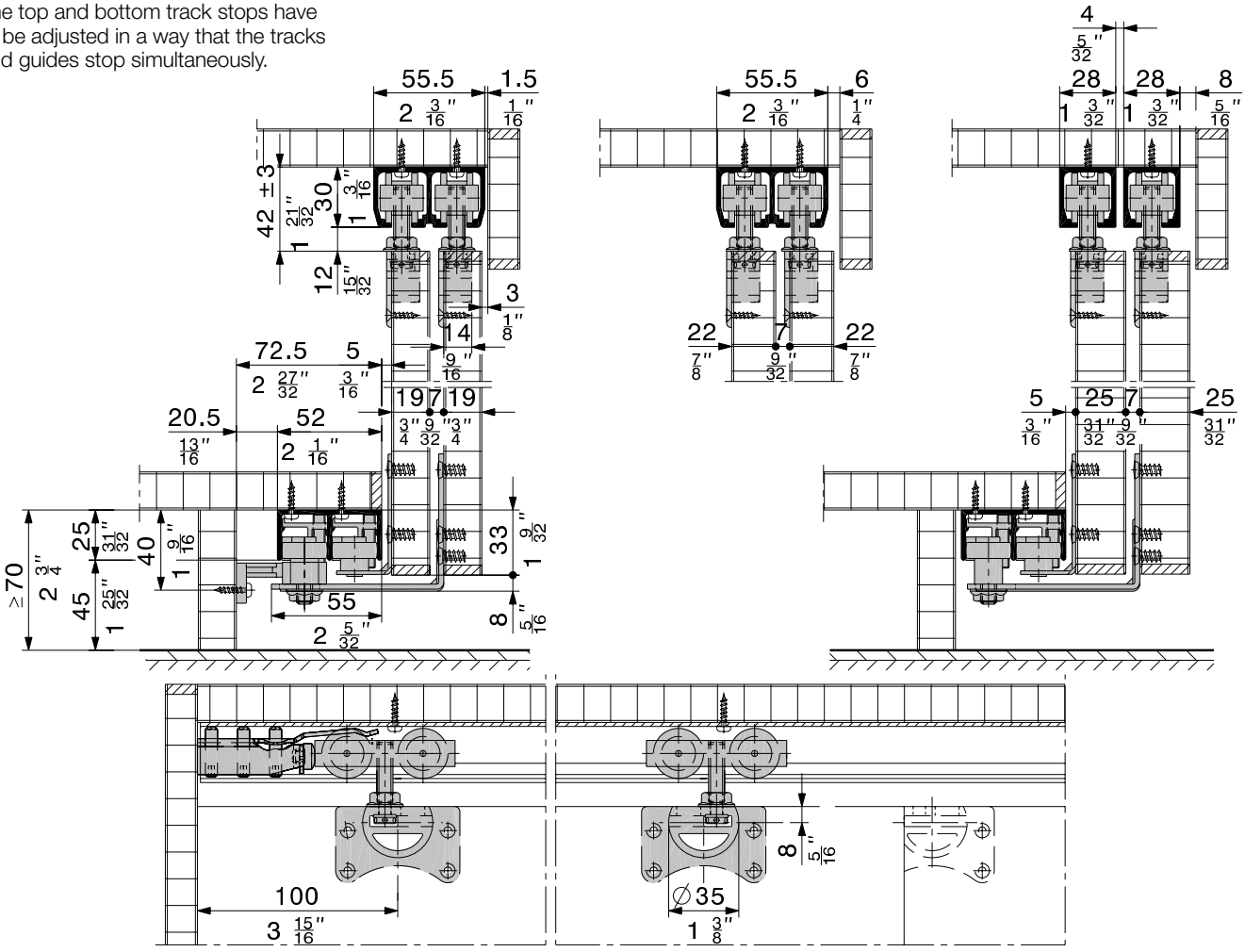
This hardware system is ideal wherever well-constructed high quality cabinets with smooth-running sliding doors are required, e.g. in hotels, offices, the industrial and administration sectors, apartments, etc.

Features of the HAWA-Dorado 40/MS

- Maximum sliding door weight 40 kg (88 lbs.)
- Door thicknesses 19, 22 and 25 mm (3/4", 55/64" and 63/64")
- Concealed press-fit cup, 35 mm (1 3/8")
- Simple vertical adjustment ± 3 mm (1/8")
- Track stop with adjustable retainer
- Track stop at bottom as bumper

Installation

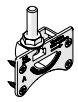
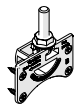
The top and bottom track stops have to be adjusted in a way that the tracks and guides stop simultaneously.



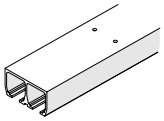
Sets without top track and bottom guide channels

	panel	code
HAWA-Dorado 40/MS	2	11633
	3	11636
– for 4-panel sliding doors, two 2-panel sets must be ordered – for 5-panel sliding doors, one 2-panel and one 3-panel set must be ordered – for 6-panel sliding doors, sets of special asssortment must be ordered		
If the centre panel is to be at the rear, the hardware system has to be ordered specially.		

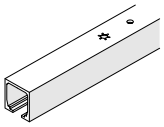
Set comprising

		11633	11636	code
	Concealed press-fit cup with hanger bolt, M8, right	2	3	10486
	Concealed press-fit cup with hanger bolt, M8, left	2	3	10487
	Trolley hanger, M8, sleeve bearing mounted, highgrade polyamide tandem rollers	4	6	10420
	Track stop with adjustable retainer	4	4	10640
	Bottom guide for inner door	2	4	10535
	Bottom guide for outer door, adjustable	2	2	10536
	Bottom guide channel stop	4	4	10616
	Plug-in rubber stop	2	2	10589
	Hex key, 3 mm ($\frac{1}{8}$"), short version	1	1	10785
	Countersunk EURO-screws, 9-piece set	2	3	11613
	Vertical adjustment pin	1	1	10795

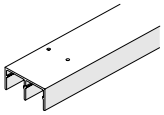
Dual top tracks

Caution: Hole positions vary		mm/inch	code
	Dual top track, alu plain anodized, predrilled	2500 (8'2$\frac{7}{16}$")	10231
		3500 (11'5$\frac{13}{16}$")	10233
		6000 (19'8$\frac{7}{32}$")	10227
		cut to size	10234

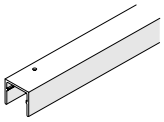
Single top tracks

Caution: Hole positions vary		mm/inch	code
	Single top tracks, alu plain anodized, predrilled (for door thicknesses over 22 mm ($\frac{7}{8}$")	1400 (4'7$\frac{1}{8}$")	10213
		1600 (5'3")	10214
		1800 (5'10$\frac{7}{8}$")	10215
		2000 (6'6$\frac{3}{4}$")	10216
		3000 (9'10$\frac{1}{8}$")	18530
		4000 (13'1$\frac{1}{2}$")	18531
		6000 (19'8$\frac{7}{32}$")	10211
		cut to size	10217

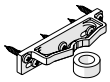
Dual bottom guide channels

Caution: Hole positions vary		mm/inch	code
	Dual bottom guide channel, alu plain anodized, predrilled	2500 (8'2$\frac{7}{16}$")	10251
		3500 (11'5$\frac{13}{16}$")	10253
		6000 (19'8$\frac{7}{32}$")	10254
		cut to size	10256

Bottom guide channels for special applications

Caution: Hole positions vary		mm/inch	code
	Single bottom guide channel, alu plain anodized, predrilled	cut to size	10304

Accessory

		code
	Stop bumper for central sliding door, front running	13315
Centre stop for 3-panel sliding/wardrobe doors: When using a centre stop, sliding cabinet/wardrobe base support must be to the rear by 20.5 mm (2$\frac{33}{64}$").		

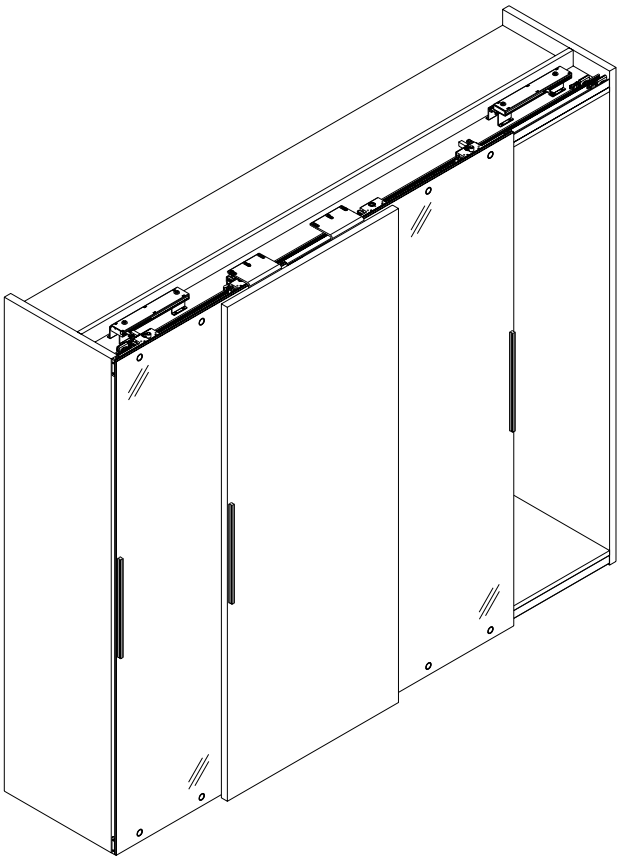
Order specifications

- Number and type of hardware sets
- Type and length of top track
- Type and length of bottom guide channel
- Number of additional stop bumpers
- Number of stop bumpers for central sliding door

Planning/installation

Please use for planning and execution the installation instructions code 17658. (→ www.hawa.ch → HAWA-Productfinder)

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



Extensive and versatile with wood and glass.

Hardware system for wooden and glass sliding doors running in front of the cabinet body and weighing up to 50 or 80 kg (110 or 176 lbs.).

Description

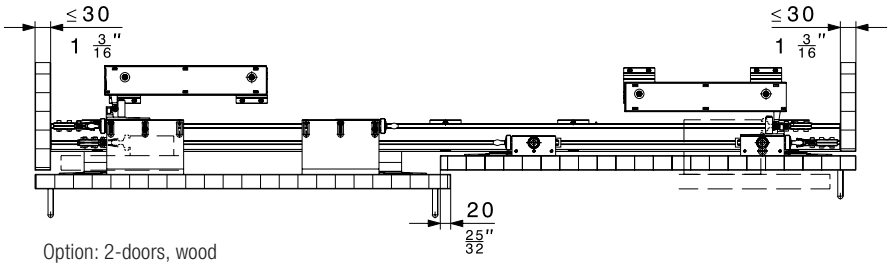
HAWA-Antea 50-80/FS is a sliding hardware system for discerning demands on quality in cabinet construction. HAWA-Antea 50-80/FS is characterised as much by aesthetic appeal, freedom of scope and an orientation toward design as it is by unique running smoothness, ease of installation and a love of detail. The four design options available for the glass solution are combinable with wooden sliding doors, whilst the top tracks and bottom guide profiles as well as all fastening components disappear behind the cover profile. The sliding doors run ef-fortlessly and with next to no noise in front of the cabinet as a full overlay version; up to 50 kg (110 lbs) door weight on high quality sleeve bearings whilst doors weighing up to 80kg (176lbs) provide the same performance on plastic coated ball bearings. The soft closing system gently brakes and closes the doors in both sliding directions. A centre bumper is used on systems with three or more doors. It positions the centre outer door precisely and still allows doors to slide in both directions. The system is setting new standards through top tracks and bottom guide profiles available for retrospective fitting from the front and door installation without using tools.

Applications

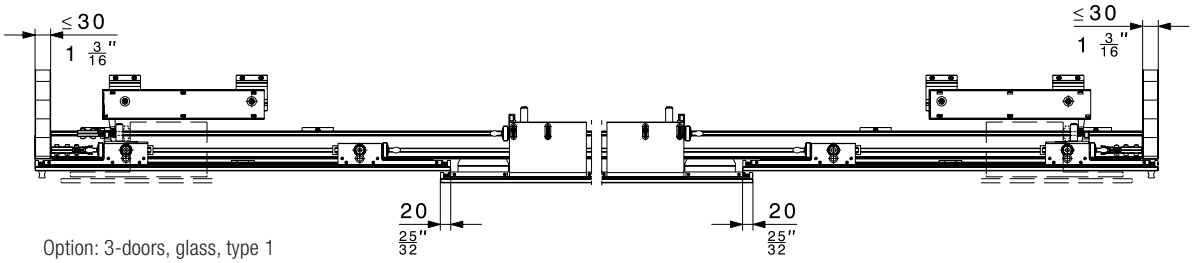
Wherever high demands are made on quality, smoothness and flexible front design, for instance in offices, hotels, schools and hospitals as well as in upmarket, design-oriented interior finishings.

Features of HAWA-Antea 50-80/FS

- Maximum door weight 50 kg and 80 kg (110/176 lbs.)
- Door width 800–1500 mm (2'7$\frac{1}{2}$"–4'11$\frac{1}{16}$")
- Maximum door height 2600 mm (8'6$\frac{3}{8}$")
- Door thickness, wood, 19–28 mm ($\frac{3}{4}$"–1$\frac{1}{8}$")
- Door thickness ESG (fully tempered monolithic glass): 8 mm ($\frac{5}{16}$")
- 4 design options with a modular all-glass system
- Combinable wooden and glass sliding doors (glass doors always run closer to the cabinet body)
- Tool-free installation of wooden sliding doors
- Flush, point-fixing and interlocking glass suspension
- Retrospective installation of top tracks and bottom guide profiles possible from the front (niche or recess installations)
- Alignment hardware for wood and all-glass doors
- No visible fastening screws, neither inside or outside of the cabinet
- Optional soft-closing system fits discreetly on top of the cabinet body



Option: 2-doors, wood



Option: 3-doors, glass, type 1

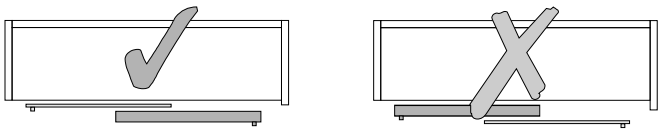
Subject to modification. Metric specifications are exact. Inches are approximate.

Design options

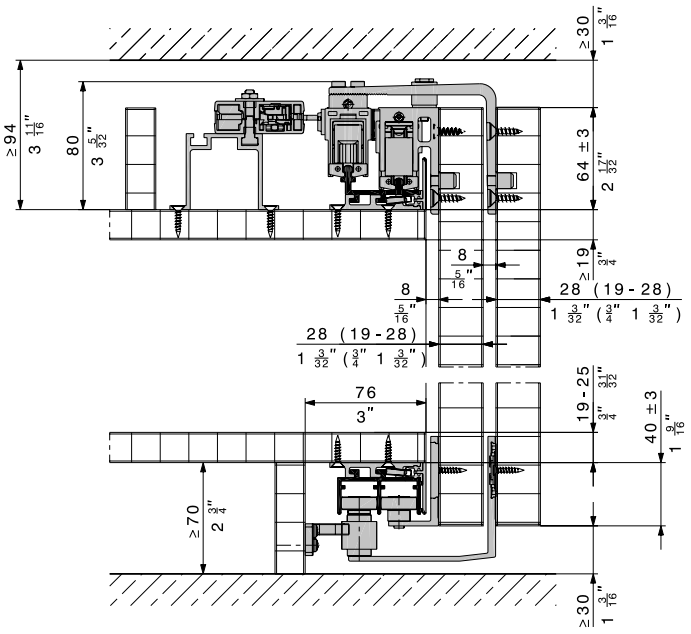
HAWA-Antea 50-80/FS not only enables cabinet front designs with wooden sliding doors but also with glass sliding doors. With a total of four different options. The material mix is the system's big plus, as HAWA-Antea 50-80/FS can combine wooden and glass sliding doors.

Design option wood/glass

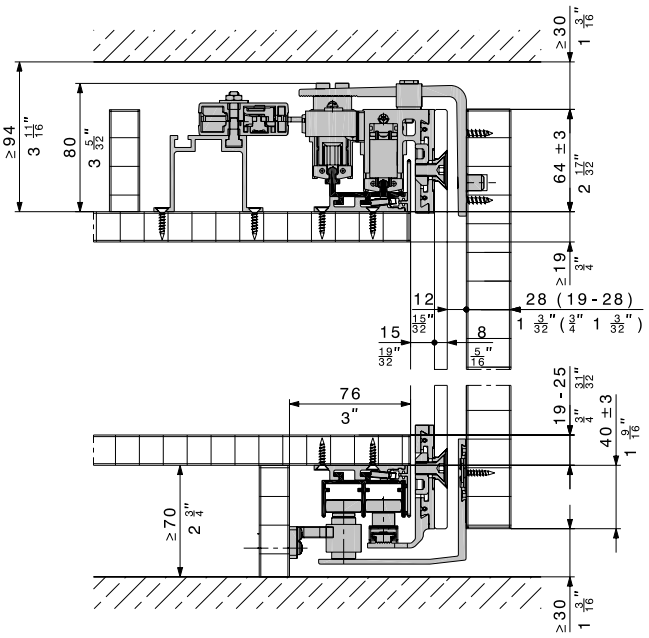
The glass door must always run closer to the cabinet body with wood/glass combinations:



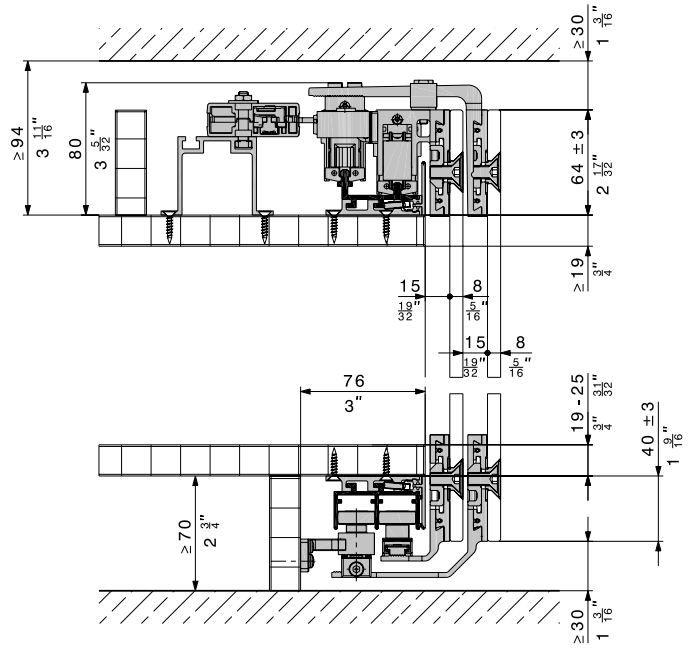
Right Wrong



Option: Wood/wood



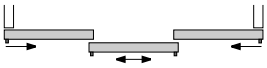
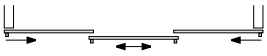
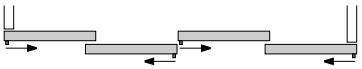
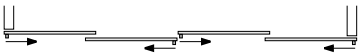
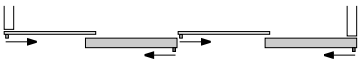
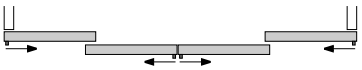
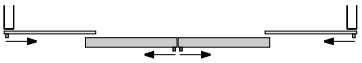
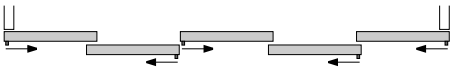
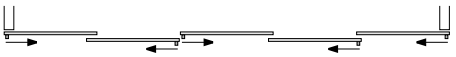
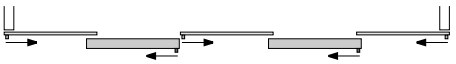
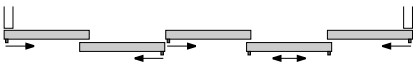
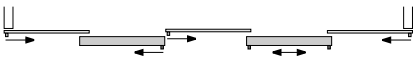
Option: Glass/wood



Option: Glass/glass

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

Set index

	Inner door				Outer door				Centre outer door			
	Wood		Glass		Wood		Glass		Wood		Glass	
	50 kg 22512	80 kg 22516	50 kg 22648	80 kg 22650	50 kg 22513	80 kg 22517	50 kg 22649	80 kg 22651	50 kg 22849	80 kg 22851	50 kg 22850	80 kg 22852
	1		–		1		–		–		–	
	–		1		–		1		–		–	
	–		1		1		–		–		–	
	2		–		–		–		1		–	
* 	–		2		–		–		–		1	
	–		2		–		–		1		–	
	2		–		2		–		–		–	
	–		2		–		2		–		–	
	–		2		2		–		–		–	
	2		–		2		–		–		–	
* 	–		2		–		2		–		–	
	–		2		2		–		–		–	
	3		–		2		–		–		–	
	–		3		–		2		–		–	
	–		3		2		–		–		–	
Other available options												
	3		–		1		–		1		–	
	–		3		1		–		1		–	
	–		3		–		1		1		–	

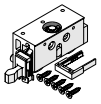
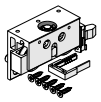
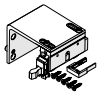
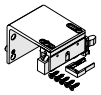
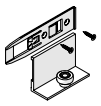
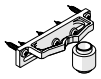
* Recommendation: Use of a rubber profile to protect glass edges, art. no. 22583

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

Set, HAWA-Antea 50/FS, wood

	maximum door weight	Door position	code
HAWA-Antea 50/FS, set for 1 door, wood	50 kg (110 lbs.)	inner	22512
		outer	22513
		centre outer	22849

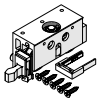
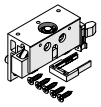
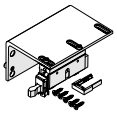
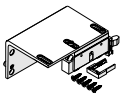
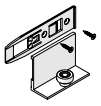
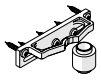
Sets comprising

		22512	22513	22849	code
	Two-wheeled trolley, right-hand side, with sleeve bearing, to wooden inner door, alu plain anodized	1	–	–	22540
	Two-wheeled trolley, left-hand side, with sleeve bearing, to wooden inner door, alu plain anodized	1	–	–	22541
	Two-wheeled trolley, right-hand side, with sleeve bearing, to wooden outer door, alu plain anodized	–	1	1	22500
	Two-wheeled trolley, left-hand side, with sleeve bearing, to wooden outer door, alu plain anodized	–	1	1	22488
	Track stop right, with adjustable retainer, steel, black	1	1	–	22560
	Track stop left, with adjustable retainer, steel, black	1	1	–	22584
	Guide channel stop, plastic black	2	2	–	22561
	Top bumper stop with rubber ring, for inner door, black	1	–	–	22550
	Guide for wooden inner door, alu plain anodized, with assembly plate, plastic	2	–	–	22010
	Guide for wooden outer door, alu plain anodized, with assembly plate, plastic	–	2	2	22009
	Stop bumper for central sliding wood door, running at front	–	–	1	22846
	Drilling jig, plastic, black	–	1	1	22388

Set, HAWA-Antea 80/FS, wood

	maximum door weight	Door position	code
HAWA-Antea 80/FS, set for 1 door, wood	80 kg (176 lbs.)	inner	22516
		outer	22517
		centre outer	22851

Sets comprising

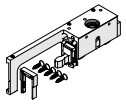
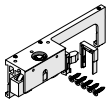
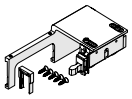
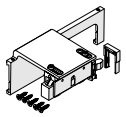
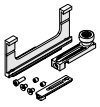
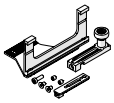
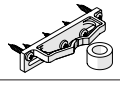
		22516	22517	22851	code
	Two-wheeled trolley, right-hand side, with ball bearing, to wooden inner door, alu plain anodized	1	–	–	22494
	Two-wheeled trolley, left-hand side, with ball bearing, to wooden inner door, alu plain anodized	1	–	–	22483
	Two-wheeled trolley, right-hand side, with ball bearing, to wooden outer door, alu plain anodized	–	1	1	22495
	Two-wheeled trolley, left-hand side, with ball bearing, to wooden outer door, alu plain anodized	–	1	1	22484
	Track stop right, with adjustable retainer, steel, black	1	1	–	22560
	Track stop left, with adjustable retainer, steel, black	1	1	–	22584
	Guide channel stop, plastic, black	2	2	–	22561
	Top bumper stop with rubber ring, for inner door, black	1	–	–	22550
	Guide for wooden inner door, alu plain anodized, with assembly plate, plastic	2	–	–	22010
	Guide for wooden outer door, alu plain anodized, with assembly plate, plastic	–	2	2	22009
	Stop bumper for central sliding wood door, running at front	–	–	1	22846
	Drilling jig, plastic, black	–	1	1	22388

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

Set, HAWA-Antea 50/FS, glass

	maximum door weight	Door position	code
HAWA-Antea 50/FS, set for 1 door, glass	50 kg (110 lbs.)	inner	22648
		outer	22649
		centre outer	22850

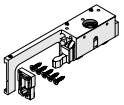
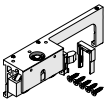
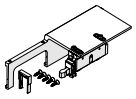
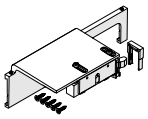
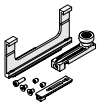
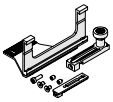
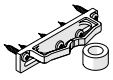
Sets comprising

		22648	22649	22850	code
	Two-wheeled trolley, right-hand side, with sleeve bearing, to glass inner door, alu plain anodized	1	–	–	22661
	Two-wheeled trolley, left-hand side, with sleeve bearing, to glass inner door, alu plain anodized	1	–	–	22660
	Two-wheeled trolley, right-hand side, with sleeve bearing, to glass outer door, alu plain anodized	–	1	1	22663
	Two-wheeled trolley, left-hand side, with sleeve bearing, to glass outer door, alu plain anodized	–	1	1	22662
	Track stop right, with adjustable retainer, steel, black	1	1	–	22560
	Track stop left, with adjustable retainer, steel, black	1	1	–	22584
	Guide channel stop, plastic, black	2	2	–	22561
	Top bumper stop with rubber ring, for inner door, black	1	–	–	22550
	Guide for glass inner door, alu plain anodized	2	–	–	22829
	Guide for glass outer door, alu plain anodized	–	2	2	22830
	Stop bumper for central sliding glass door, running at front	–	–	1	13232
	Hexagon socket wrench Torx X10	1	1	1	22627

Set, HAWA-Antea 80/FS, glass

	maximum door weight	Door position	code
HAWA-Antea 80/FS, set for 1 door, glass	80 kg (176 lbs.)	inner	22650
		outer	22651
		centre outer	22852

Sets comprising

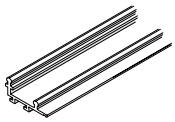
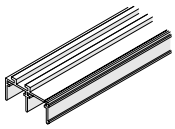
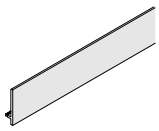
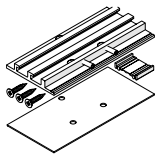
		22650	22651	22852	code
	Two-wheeled trolley, right-hand side, with ball bearing, to glass inner door, alu plain anodized	1	–	–	22665
	Two-wheeled trolley, left-hand side, with ball bearing, to glass inner door, alu plain anodized	1	–	–	22664
	Two-wheeled trolley, right-hand side, with ball bearing, to glass outer door, alu plain anodized	–	1	1	22667
	Two-wheeled trolley, left-hand side, with ball bearing, to glass outer door, alu plain anodized	–	1	1	22666
	Track stop right, with adjustable retainer, steel, black	1	1	–	22560
	Track stop left, with adjustable retainer, steel, black	1	1	–	22584
	Guide channel stop, plastic, black	2	2	–	22561
	Top bumper stop with rubber ring, for inner door, black	1	–	–	22550
	Guide for glass inner door, alu plain anodized	2	–	–	22829
	Guide for glass outer door, alu plain anodized	–	2	2	22830
	Stop bumper for central sliding glass door, running at front	–	–	1	13232
	Hexagon socket wrench Torx X10	1	1	1	22627

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

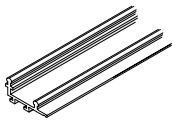
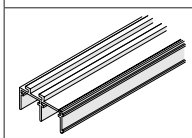
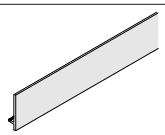
Track sets

	mm/inch	code
Track set, alu plain anodized	1800 (5'10 7/8")	22501
	2500 (8'2 7/16")	22502
	3500 (11'5 13/16")	22503
	4500 (14'9 3/16")	22504
	6000 (19'8 7/32")	22505

Track sets comprising

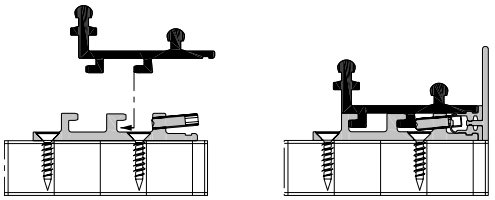
		mm/inch	22501	22502	22503	22504	22505	code
	Dual top track, alu plain anodized	1800 (5'10 7/8")	1	–	–	–	–	22506
		2500 (8'2 7/16")	–	1	–	–	–	22185
		3500 (11'5 13/16")	–	–	1	–	–	22184
		4500 (14'9 3/16")	–	–	–	1	–	22507
		6000 (19'8 7/32")	–	–	–	–	1	22183
	Dual guide channel, alu plain anodized	1800 (5'10 7/8")	1	–	–	–	–	22508
		2500 (8'2 7/16")	–	1	–	–	–	22180
		3500 (11'5 13/16")	–	–	1	–	–	22179
		4500 (14'9 3/16")	–	–	–	1	–	22509
		6000 (19'8 7/32")	–	–	–	–	1	22178
	Covering screen, alu plain anodized	1800 (5'10 7/8")	2	–	–	–	–	22510
		2500 (8'2 7/16")	–	2	–	–	–	22172
		3500 (11'5 13/16")	–	–	2	–	–	22171
		4500 (14'9 3/16")	–	–	–	2	–	22511
		6000 (19'8 7/32")	–	–	–	–	2	22170
	Adapter for dual top track and dual bottom guide channel, alu plain anodized, set of 10 pieces		1	1	1	2	3	22490
	Adapter for dual top track and dual bottom guide channel, alu plain anodized, set of 2 pieces		–	1	3	2	–	22493

Covering screen, dual top track and dual guide channel, cut to size

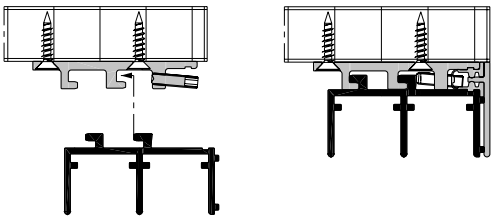
		mm/inch	code
	Dual top track, alu plain anodized	cut to size	22186
	Dual guide channel, alu plain anodized	cut to size	22181
	Covering screen, alu plain anodized	cut to size	22173

Track assembly

The adapters for top tracks and bottom guide profiles are fitted to the base and top sections during pre-assembly. This allows to simply clamp the top tracks and bottom guide profiles to the finished cabinet body from the front. The clip-on cover plates conceal top tracks and bottom guide profiles as well as the fastening screws.



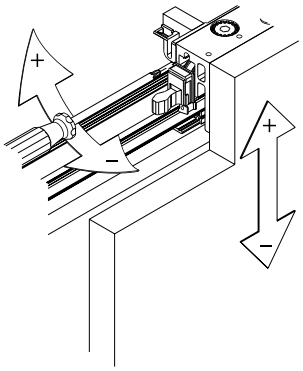
Top track assembly



Bottom guide profile assembly

Height adjustment

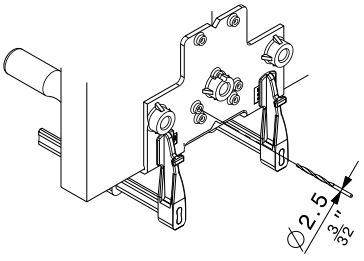
Height adjustments to the trolley are conveniently made from the side. Access via the door is not necessary.



Drilling jig

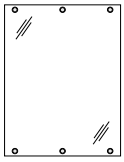
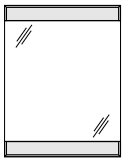
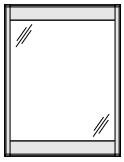
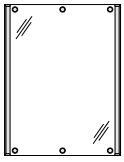
The drilling jig provided covers all the necessary processing steps during assembly:

- Top tracks and bottom guide profiles
- Soft closing system
- Track adapter
- Suspension

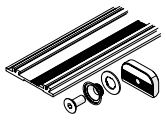
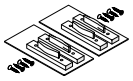
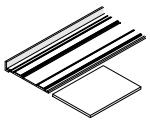
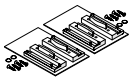
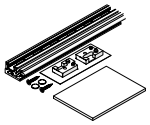


Subject to modification. Metric specifications are exact. Inches are approximate.

Glass solutions

	Door width mm/inch	Retainer profile set for 1 door	Cover caps for retainer profile set for 1 door	Covering screen set for 1 door	Cover caps for covering screen set for 1 door	Decor discs set for 1 door	Frame profile vertical set for 1 door	Aligner, optional set for 1 door
 **Type 1**	≤1000 (3'3 3/8")	22652	22579			22669		22670
	1001–1200 (3'3 13/32"–3'11 1/4")	22653	22579			22618		22670
	1201–1500 (3'11 9/32"–4'11 1/16")	22654	22579			22618		22670
 **Type 2**	≤1000 (3'3 3/8")	22652		22655	22580			22670
	1001–1200 (3'3 13/32"–3'11 1/4")	22653		22656	22580			22670
	1201–1500 (3'11 9/32"–4'11 1/16")	22654		22657	22580			22670
 **Type 3**	≤1000 (3'3 3/8")	22652		22655			22668	22670
	1001–1200 (3'3 13/32"–3'11 1/4")	22653		22656			22668	22670
	1201–1500 (3'11 9/32"–4'11 1/16")	22654		22657			22668	22670
 **Type 4**	≤1000 (3'3 3/8")	22652				22669	22668	22670
	1001–1200 (3'3 13/32"–3'11 1/4")	22653				22618	22668	22670
	1201–1500 (3'11 9/32"–4'11 1/16")	22654				22618	22668	22670

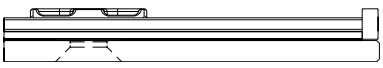
Accessories for glass solutions

		mm/inch	code
	Retainer profile, alu plain anodized, with galss patch fixings, 2 pieces for 1 glass door	1000 (3'3 3/8")	22652
		1200 (3'11 1/4")	22653
		1500 (4'11 1/16")	22654
	Cover caps for retainer profile, alu plain anodized, 2 pair		22579
	Covering screen, alu plain anodized, incl. self-adhesive tape, 2 pieces for 1 glass door	1000 (3'3 3/8")	22655
		1200 (3'11 1/4")	22656
		1500 (4'11 1/16")	22657
	Cover caps for covering screen, alu plain anodized, 2 pair		22580
	Frame profile, alu plain anodized, incl. cover caps, rubber glazing seal and white fabric seal, 2 pieces for 1 glass door	2600 (8'6 3/8")	22668
	Decor discs for glass patch fixings, alu plainanodized, set of 6 pieces		22618
	Decor discs for glass patch fixings, alu plainanodized, set of 4 pieces		22669

Glass solutions

The new modular all-glass system offers extensive freedom of design with interlocking and therefore totally safe glass fastening. The decor discs, cover profile and vertical frame profile allow for four different types of design.

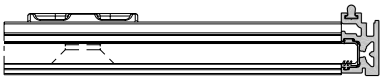
Type 1



Type 2

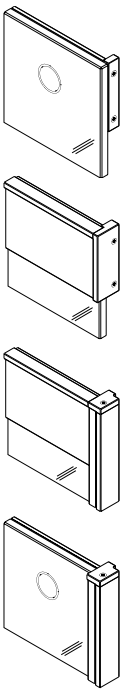


Type 3



Type 4



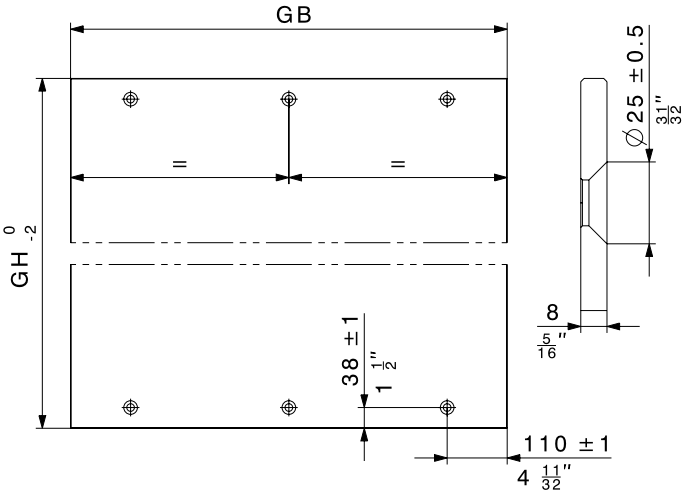


Subject to modification. Metric specifications are exact. Inches are approximate.

Calculating/ordering glass

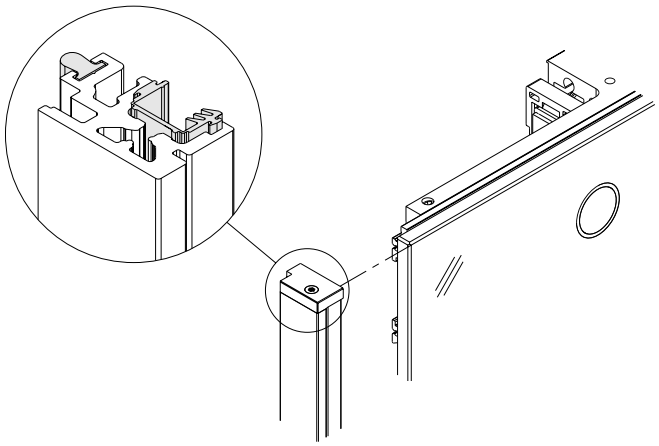
For detailed glass calculation and ordering please use assembly instruction number 22853.

- Only 8 mm ($\frac{5}{16}$") glass ESG (fully tempered monolithic glass) may be used
- All glass edges and drill holes have to be seamed



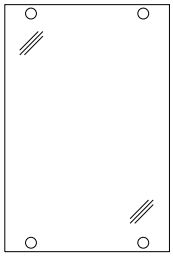
Patented glazing with special rubber profile

The punched glazing rubber profile inserted in vertical frame profiles prevents silicone from oozing out and enables clean glazing work with no need to wedge and centre profiles. The silicone cross-links between the glass panel and the aluminium profile to achieve a high degree of joint resistance.

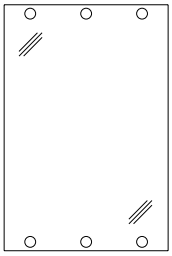


Required glass drill holes

Glass sliding doors have a interlocking connection with the glass suspension system. 4 or 6 drill holes are required depending on the door width.

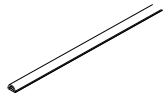


Door width
≤ 1000 mm (3'3 $\frac{3}{8}$")



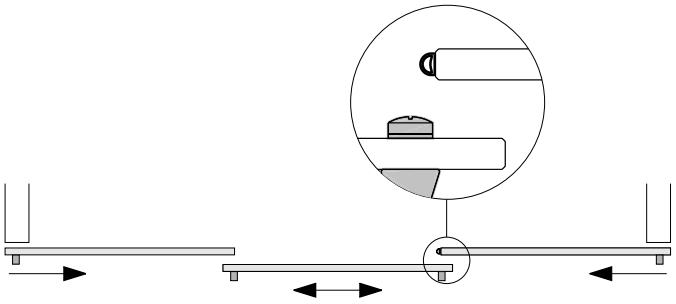
Door width
1001–1500 mm
(3'3 $\frac{13}{32}$"–4'11 $\frac{1}{16}$")

Accessories

		mm/inch	code
	Rubber profile self-adhesive, for 8/10 mm ($\frac{5}{16}$") glass thickness, translucent, glass distance 4 mm ($\frac{5}{32}$")	2600 (8'6 $\frac{3}{8}$")	22583

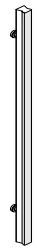
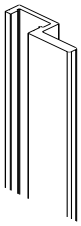
Rubber profile for protecting glass edges

The self-adhesive rubber profile on the front edge of the glass panel protects the edges when glass sliding doors of type 1 bump together.



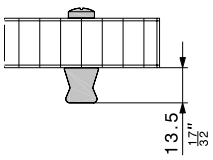
Subject to modification. Metric specifications are exact. Inches are approximate.

Door handle for wooden and glass door

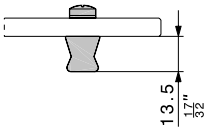
		mm/inch	code
	Door handle, alu plain anodized, for glass door thickenesses 8 mm (5/16") and wooden door thickness 20 mm (25/32")	400 (1'3 3/4")	22692
	Door handle profile for frame profile, alu plain anodized	400 (1'3 3/4")	22615
		1260 (4'1 5/8")	22616
		2600 (8'6 3/8")	22617

Door handle for wooden and glass door

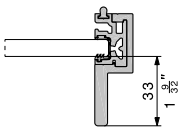
The door handle 22692 is available for glass solution types 1 and 2 and for wooden doors. Door handle types 22615/22616/22617 are screwed to the vertical frame profile on glass solutions of type 3 and 4.



code 22692



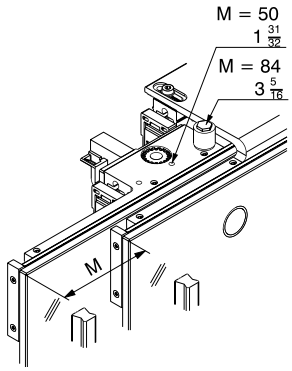
code 22692



code 22615 – 22617

Door handle positions on wooden and glass doors of type 1 and 2

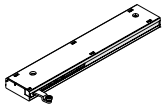
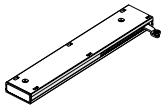
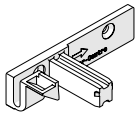
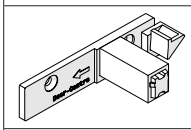
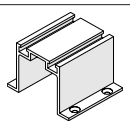
When fitted to the trolley for the inner door the top bumper stop with rubber ring (22550) prevents the door handle from striking against the adjacent door and effectively protects fingers. Two assembly positions (M) for the stop bumper allow for adjustments to the amount of space required for the door handle.



Soft closing system

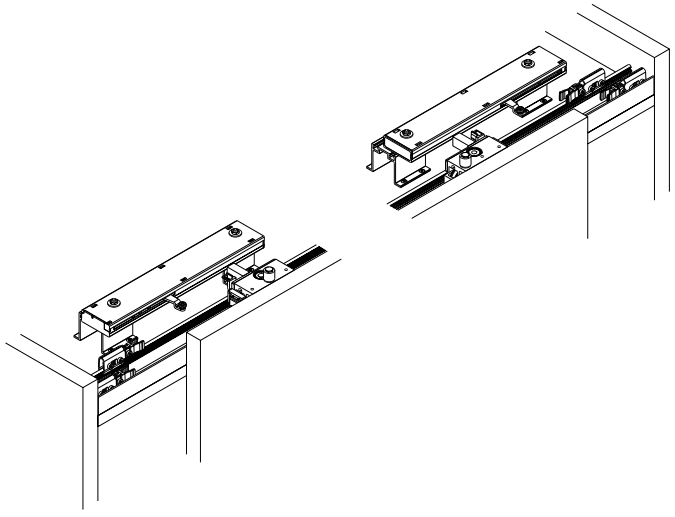
	code
Soft closing system, 1 pair for 2-door cabinet	22566

Set comprising

		piece	code
	Soft closing system for left-hand furniture doors, plastic grey	1	20815
	Soft closing system for right-hand furniture doors, plastic grey	1	20816
	Driver for soft closing system for right-hand furniture doors	1	22223
	Driver for soft closing system for left-hand furniture doors	1	22226
	Adapter for soft closing system for furniture doors	4	22163
	Fitting set to soft closing system	1	22591

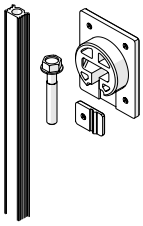
Soft closing system

The soft closing system gently stops wooden and/or glass sliding doors and pulls them quietly into the closed position. Soft closing systems are discreetly fitted to the left and right on top of the cabinet body. It is highly recommendable for comfortably operating doors weighing up to 80 kg (176 lbs.).

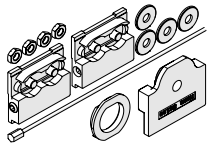


Subject to modification. Metric specifications are exact. Inches are approximate.

Aligner – Set for 1 wooden door

		code
	Aligner for stabilisation of wooden sliding door, 2 pieces for 1 door	18705
• for door thicknesses of 16–28 mm ($\frac{5}{8}$"–1$\frac{1}{8}$") • for door hights up to 2600 mm (8'6$\frac{3}{8}$") (not suitable for solid hardwood)		

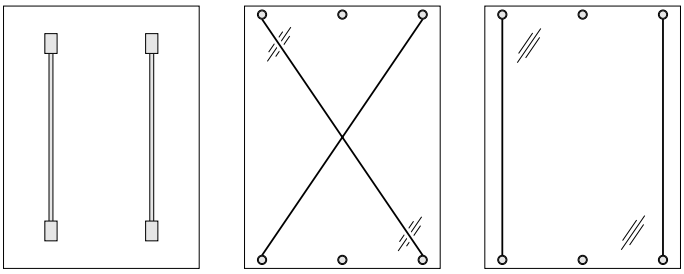
Aligner – Set for 1 glass door

		code
	Aligner for glass sliding doors 2 pieces for 1 door	22670
• for glass thickness ESG[1] 8 mm ($\frac{5}{16}$") • for door heights up to 2600 mm (8'6 $\frac{3}{8}$")		

Aligner for wooden and glass sliding doors

There is a good chance for deflection for doors that are suspended aside their axis points and in front of a cabinet body, be it for wood or for glass doors. Especially since for glass doors it is unpredictable how the glass will perform we recommend using the aligner hardware in any case.

Clamping profiles in wood doors are inserted vertically into the door panel. Glass doors offer the option of fitting the steel cables diagonally or vertically according to creative design taste.



Wood door | Glass door | Glass door

Order specifications

- Type and quantity of sets
- Length and quantity of top track sets

Order specifications for glass solutions

- Quantity and length of retainer profiles

Optional order specifications for glass solutions

- Quantity of retention profile cover caps
- Quantity and length of covering screens
- Quantity of cover caps for covering screens
- Quantity and length of frame profiles
- Quantity of decor discs for glass patch suspension units

Optional order specifications

- Quantity of soft closing systems
- Type and quantity of alignment hardware sets
- Quantity of door handles for wooden and/or glass doors
- Quantity and length of door handle profiles for frame profile
- Quantity of rubber profiles for glass edge protection

Planning/installation

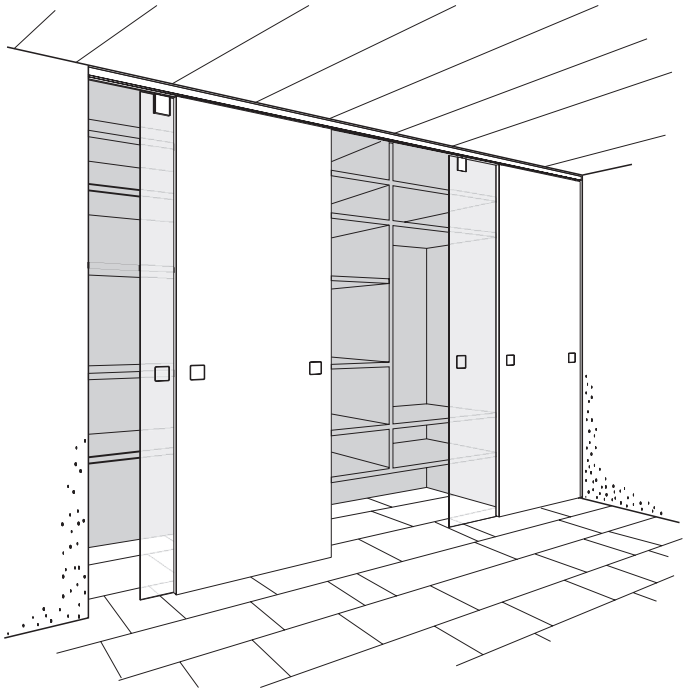
For planning and installation purposes, please use the installation drawings:

- HAWA-Antea 50-80/FS for wood doors code 22555
- HAWA-Antea 50-80/FS for glass doors code 22853

(→ www.hawa.ch → HAWA-Productfinder)

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

[1]ESG: fully tempered monolithic glass



For frameless, full room-height sliding doors.

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

Description

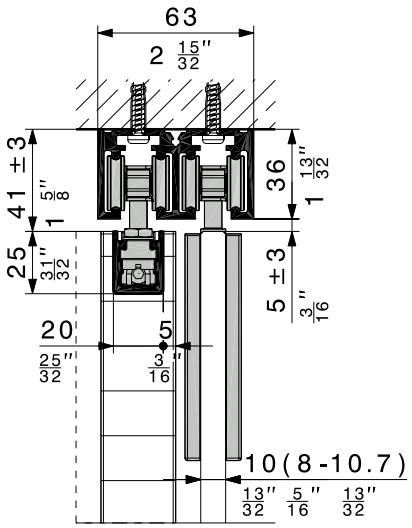
A fit-anywhere, frameless sliding hardware system for wooden and glass sliding doors weighing up to 70 kg (154 lbs.). Ideal not only for walk-in closets, but also for room-height and flexible partitions in residential and office settings. The possibility of combining glass and wood sliding doors gives 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.

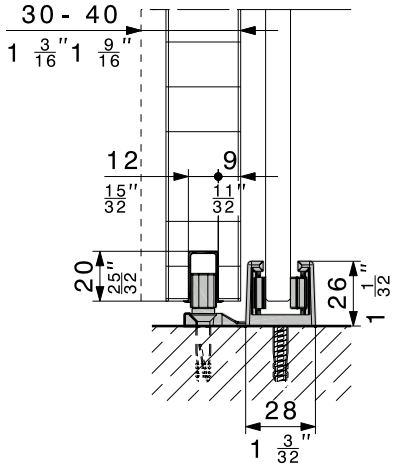
Applications

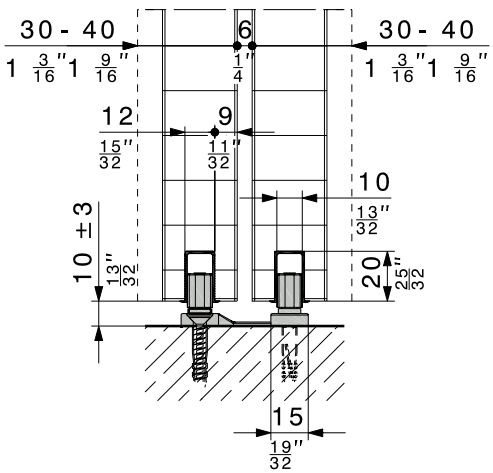
Everywhere that variable space utilisation and unrestricted access should leave a tidy impression, e.g. walk-in closets for office and residential settings, and as a partition or aesthetic room divider in hotels, restaurants, hospitals, schools, offices, and private residential interiors.

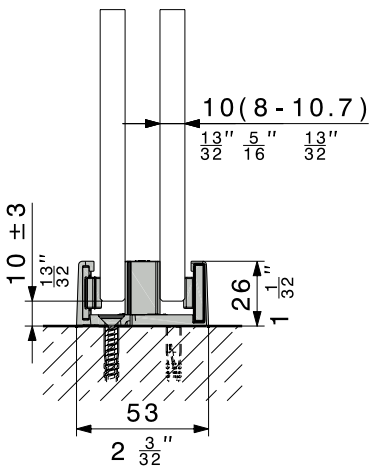
Features of the HAWA-Ordena 70/P

- 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$\frac{3}{8}$")
- Minimum door width 600 mm (1'11$\frac{5}{8}$")
- Door thickness, wood 30–40 mm (1$\frac{3}{16}$"–1$\frac{19}{32}$")
- 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







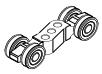
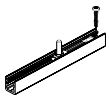


Subject to modification. Metric specifications are exact. Inches are approximate.

Partial sets HAWA-Ordena 70/P

		code
HAWA-Ordena 70, partial sets for 1 door	wood	19120
	glass ESG[1]/VSG[2]	20586

Partial sets comprising

		19120	20586	code
	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
	Patch suspension with glass holder insert, ESG[1]/VSG[2]	–	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

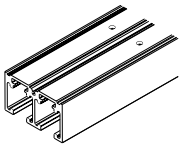
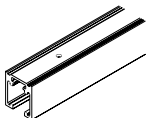
Door stop sets

	number of doors	code
Door stop set for systems with point guidance, incl. single use drilling jig, ESG[1]/VSG[2]	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
	Single use drilling jig, ESG[1]/VSG[2]	1	1	1	20400
	Screw-on rubber door stop	2	2	2	10629
	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

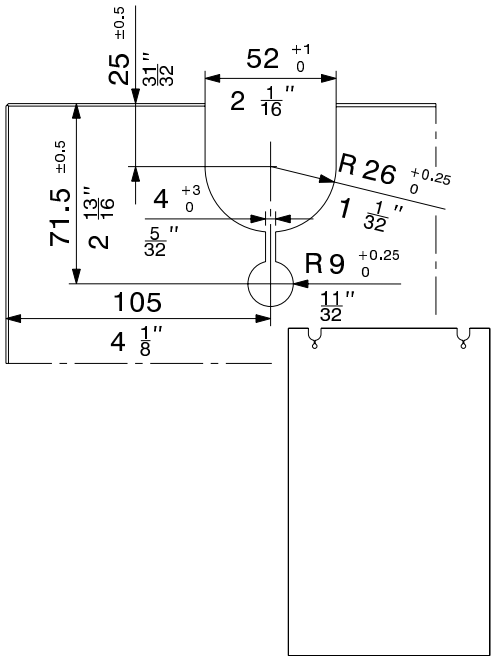
Top tracks

Caution: Hole positions vary		mm/inch	code
	Dual top track, alu plain anodized, predrilled	2500 (8'2 $\frac{7}{16}$")	19213
		3500 (11'5 $\frac{13}{16}$")	19214
		6000 (19'8 $\frac{7}{32}$")	19215
		cut to size	19127
	Single top track, alu plain anodized, predrilled	2500 (8'2 $\frac{7}{16}$")	19370
		3500 (11'5 $\frac{13}{16}$")	19371
		6000 (19'8 $\frac{7}{32}$")	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 mm ($\frac{5}{16}$"/$\frac{13}{32}$"), thickness tolerance ± 0,3 mm
- Glass thickness sliding door VSG (fully tempered laminated glass): 2x4 ± 0,2 mm → film thickness 0,38/0,76/1,52 mm
  2x5 ± 0,2 mm → film thickness 0,38/0,76 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

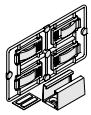


Subject to modification. Metric specifications are exact. Inches are approximate.

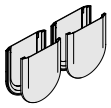
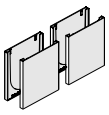
[1]ESG: fully tempered monolithic glass

[2]VSG: fully tempered laminated glass

Floor guides

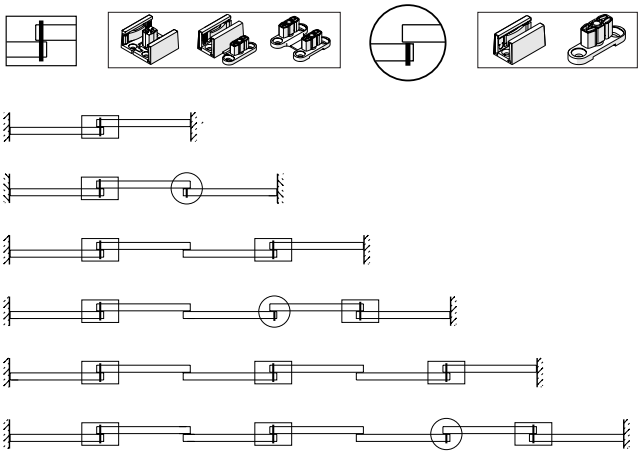
		code
	Dual floor guide, rattle-proof, glass/glass, 8–10,7 mm ($\frac{5}{16}$"–$\frac{7}{16}$"), inc. self-adhesive sliders for satinised glass, dull chromium finish	19138
	Dual floor guide, rattle-proof, glass/wood, 8–12,7 mm ($\frac{5}{16}$"–$\frac{1}{2}$"), inc. self-adhesive sliders for satinised 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 ($\frac{5}{16}$"–$\frac{1}{2}$"), dull chromium finish	16029
	Guide profile plastic black, 20 x 12 x 1300 mm ($\frac{25}{32}$" x $\frac{15}{32}$" x 4'3 $\frac{3}{16}$"), groove mounted, set of 10 pieces	14540

Cover plates

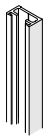
			code
	Rounded cover plate, plastic, dull chromium finish	1 piece	16049
		4-pieces set	16042
	Rounded cover plate, plastic, polished chromium finish	1 piece	17161
		4-pieces set	17160
	Rounded cover plate, plastic, brass polished	1 piece	16050
		4-pieces set	16043
	Rounded cover plate, plastic, stainless-steel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

Screw-in floor guide variants

Single and dual point guidance.

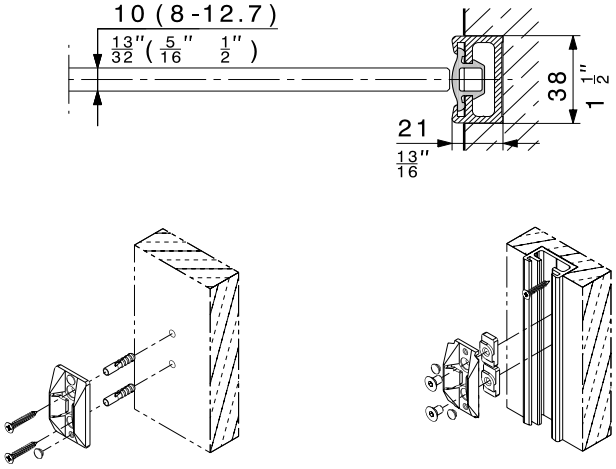


Wall connection profile

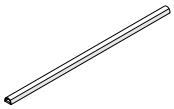
Caution: Minor differences in colour are possible			mm/inch	code
	Wall profile, alu, undrilled	plain anodized	2500 (8'2 7/16")	17020
			3500 (11'5 13/16")	17021
		stainless steel effect, brushed	2500 (8'2 7/16")	20119
			3500 (11'5 13/16")	20120
	Seal profile, black, for wall profile		roll of 2500 (8'2 7/16")	16452
			roll of 3500 (11'5 13/16")	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.

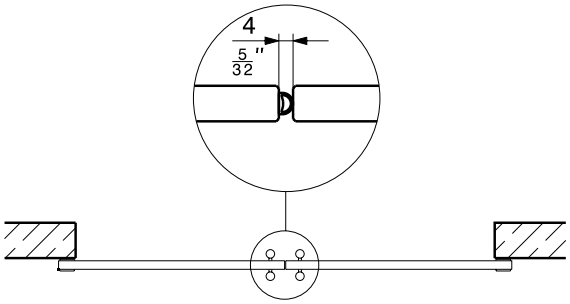


Rubber profile for glass edge protection

		roll of	code
	Rubber profile self-adhesive, for 8/10 mm (5/16"/13/32") glass thickness, black, glass distance 4 mm (5/32")	5 m (16'4 27/32")	19442
		10 m (32'9 23/32")	19443
		50 m (164'1/2")	19444
	Rubber profile self-adhesive, for 8/10 mm (5/16"/13/32") glass thickness, translucent, glass distance 4 mm (5/32")	5 m (16'4 27/32")	19445
		10 m (32'9 23/32")	19446
		50 m (164'1/2")	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 68 – 70

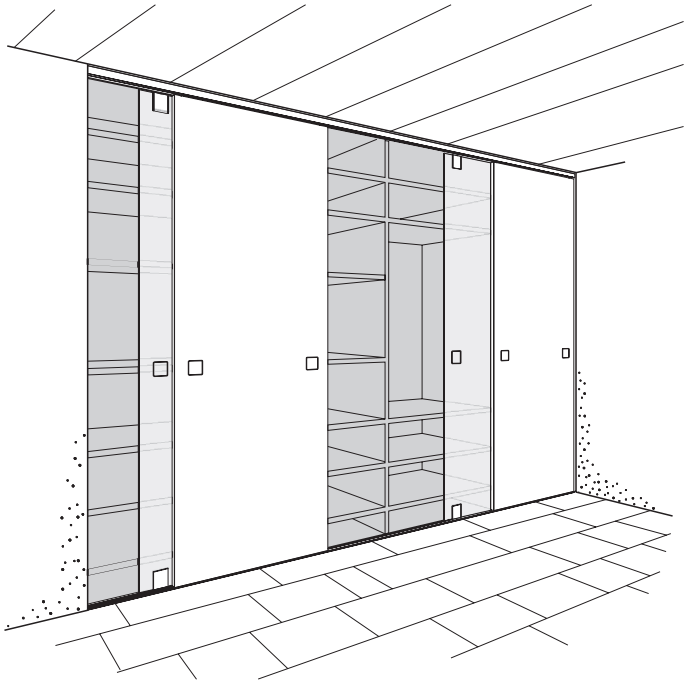
Order specifications

- 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)

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



Full room-height with frameless guides.

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

Description

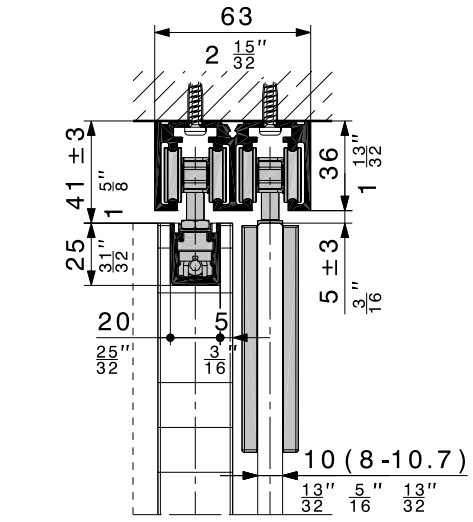
A fit-anywhere, frameless sliding hardware system for wooden and/or glass sliding doors weighing up to 70 kg (154lbs.). Ideal not only for walk-in closets, but also for room-height and flexible partitions in residential and office settings. The possibility of combining glass and wood sliding doors gives 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.

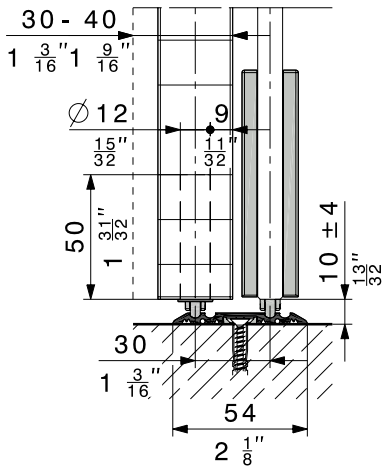
Applications

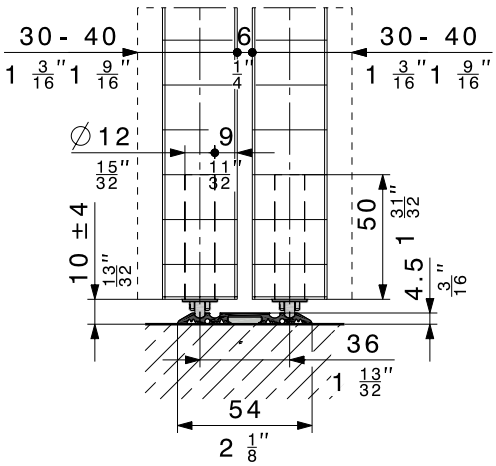
Everywhere that variable space utilisation and unrestricted access should leave a tidy impression, e.g. walk-in closets for office and residential settings, and as a partition or aesthetic room divider in hotels, restaurants, hospitals, schools, offices and private residential interiors.

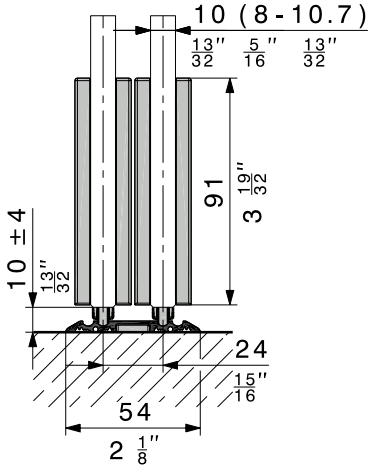
Features of the HAWA-Ordena 70/F

- 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 $\frac{3}{8}$")
- Minimum door width 600 mm (1'11 $\frac{5}{8}$")
- Door thickness, wood 30–40 mm (1 $\frac{3}{16}$"–1 $\frac{19}{32}$")
- 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 doors
- Glass doors use popular HAWA-Junior GP suspension







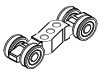
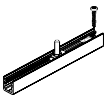


Subject to modification. Metric specifications are exact. Inches are approximate.

Partial sets HAWA-Ordena 70/F

		code
HAWA-Ordena 70, partial sets for 1 door	wood	19120
	glass ESG[1]/VSG[2]	20586

Partial sets comprising

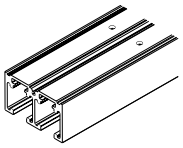
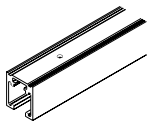
		19120	20586	code
	Four-wheeled trolley, M7, plastic-tyred wheels	2	2	10374
	Top fixed suspension with plate M7	2	–	19276
	Cover cap for suspension profile, platic anthracite-grey RAL 7016	2	–	21520
	Patch suspension with glass holder insert, ESG[1]/VSG[2]	–	2	20505
	Suspension bolt M7 and mounting screws	–	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 system with bottom guide channel, incl. single use drilling jig, ESG[1]/VSG[2]	2	20588
Door stop set for system with bottom guide channel, incl. centre stop and single use drilling jig, ESG[1]/VSG[2]	3	20591
	4	20592
	5	20593
	6	20594

Sets comprising

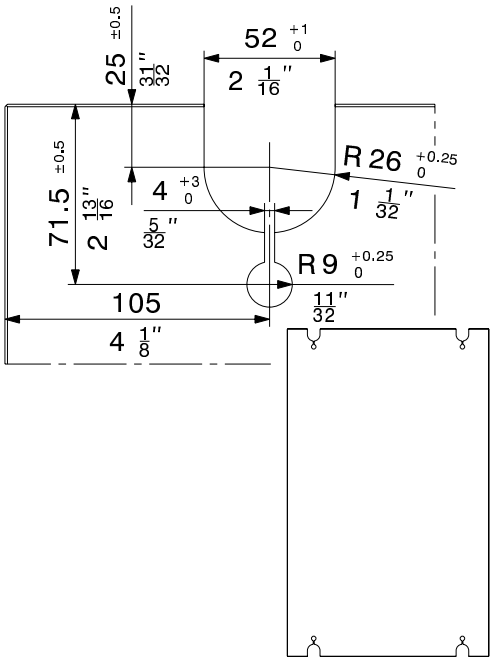
		20588	20591	20592	20593	20594	code
	Track stop, plastic, with adjustable retainer	4	4	4	4	4	10602
	Centre stop, complete	–	1	2	3	4	19277
	Single use drilling jig, ESG[1]/VSG[2]	1	1	1	1	1	20400
	Screw-on rubber door stop	2	2	2	2	2	10629
	Suspsension assembly locking wrench	1	1	1	1	1	10778
	Hex key, 3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

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

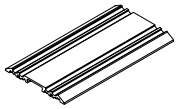
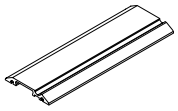
Glass cutouts for sliding door

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 mm ($\frac{5}{16}$"/$\frac{13}{32}$"), thickness tolerance ± 0,3 mm
- Glass thickness sliding door VSG (fully tempered laminated glass): 2x4 ± 0,2 mm → film thickness 0,38/0,76/1,52 mm
  2x5 ± 0,2 mm → film thickness 0,38/0,76 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

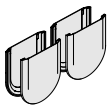
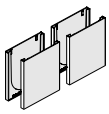
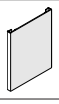


Floor guides/bottom guide profile

			code
	Spring bottom guide for 1 glass sliding door ESG[1]/VSG[2] (2 pieces)		20587
	Spring bottom guide for 1 wooden sliding door (2 pieces)		19155
	Dual bottom guide channel, alu plain anodized	2500 mm (8'2 7/16")	18944
		3500 mm (11'5 13/16")	18945
		6000 mm (19'8 7/32")	18824
		cut to size	18946
	Single bottom guide channel, alu plain anodized	2500 mm (8'2 7/16")	19348
		3500 mm (11'5 13/16")	19349
		6000 mm (19'8 7/32")	18956
		cut to size	19350
	Set of fixing parts for single bottom guide channel, 5 pieces (2 pieces per metre)		19162

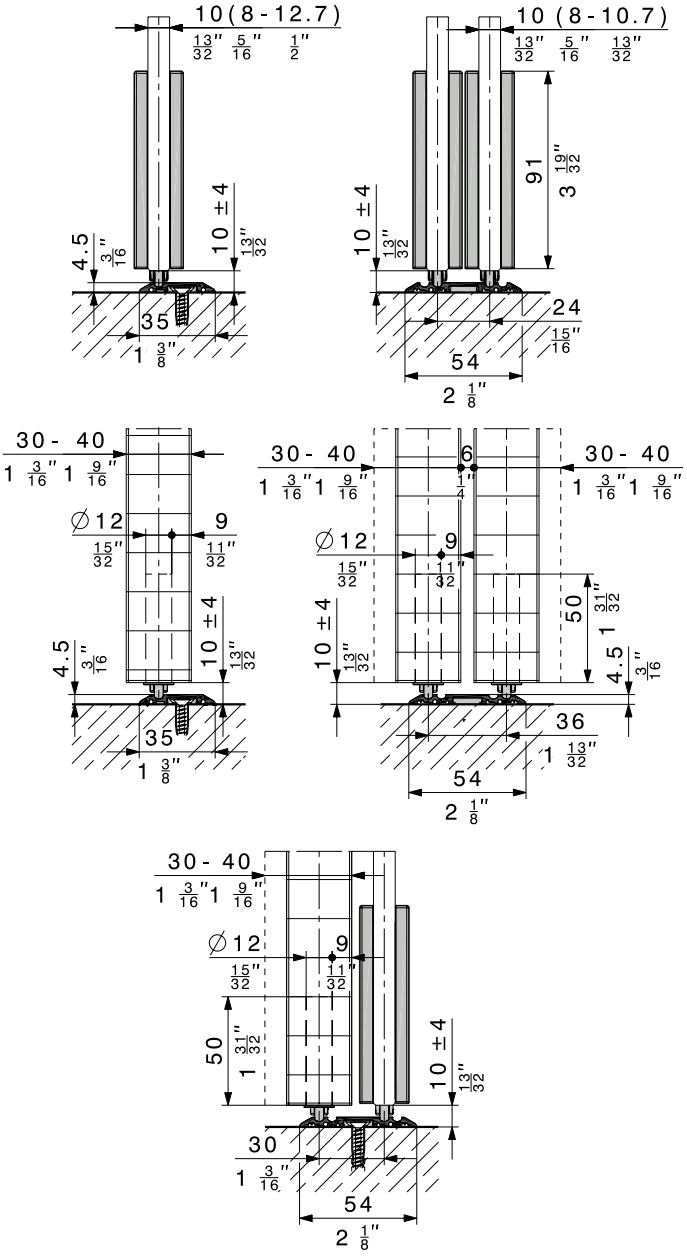
For more guide options: → page 68

Cover plates

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

Floor guide variants

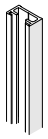
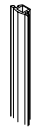
With single bottom guide channel or dual bottom guide channel.



[1]ESG: fully tempered monolithic glass [2]VSG: fully tempered laminated glass

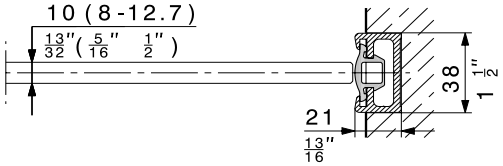
Subject to modification. Metric specifications are exact. Inches are approximate.

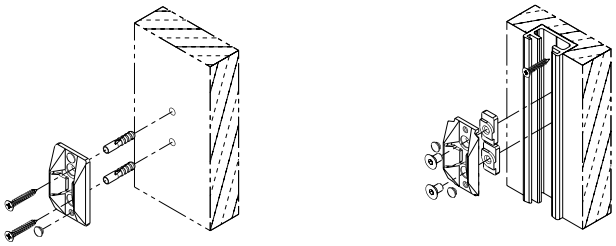
Wall connection profile

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

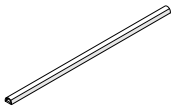
Wall connection profile

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



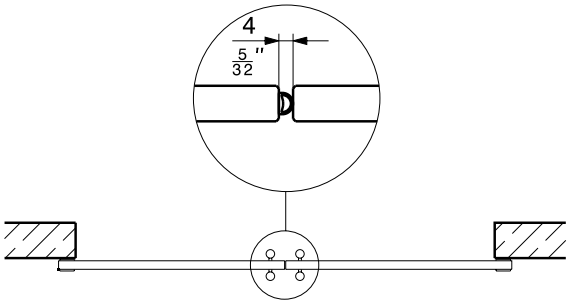


Rubber profile for glass edge protection

		roll of	code
	Rubber profile self-adhesive, for 8/10 mm (5/16"/13/32") glass thickness, black, glass distance 4 mm (5/32")	5 m (16'4 27/32")	19442
		10 m (32'9 23/32")	19443
		50 m (164'1/2")	19444
	Rubber profile self-adhesive, for 8/10 mm (5/16"/13/32") glass thickness, translucent, glass distance 4 mm (5/32")	5 m (16'4 27/32")	19445
		10 m (32'9 23/32")	19446
		50 m (164'1/2")	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 68–70

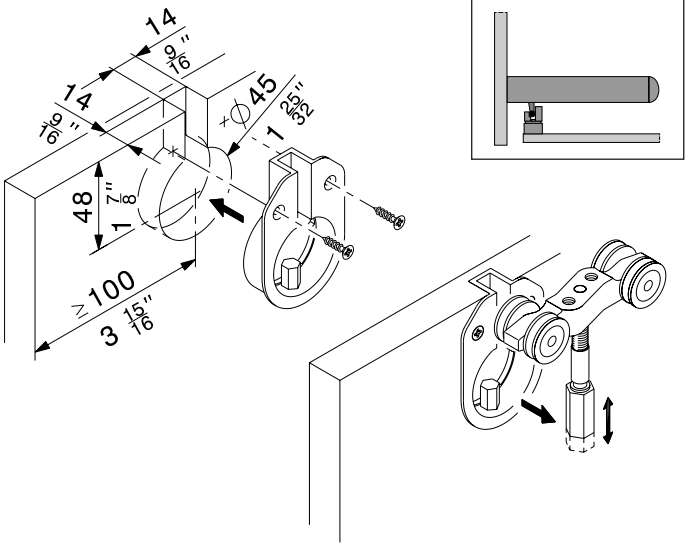
Order specifications

- 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. (→ www.hawa.ch → HAWA-Productfinder)

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



Soft closing system
→ page 69

Hardware system for inlaying sliding cabinet doors up to 40 kg (88 lbs.) or 70 kg (154 lbs.)

Description

The HAWA-208 40-70/IS is characterised by its combination of high strength and low installation height. The sliding doors are guided at one point at the bottom. The track stop with retainer can be adjusted to the corresponding door weight.

If heavy doors are required that are to be subjected to a great deal of use, we recommend using the HAWA-209 70/MS hardware system. With this system the sliding doors are guided at two points in a bottom guide channel.

Applications

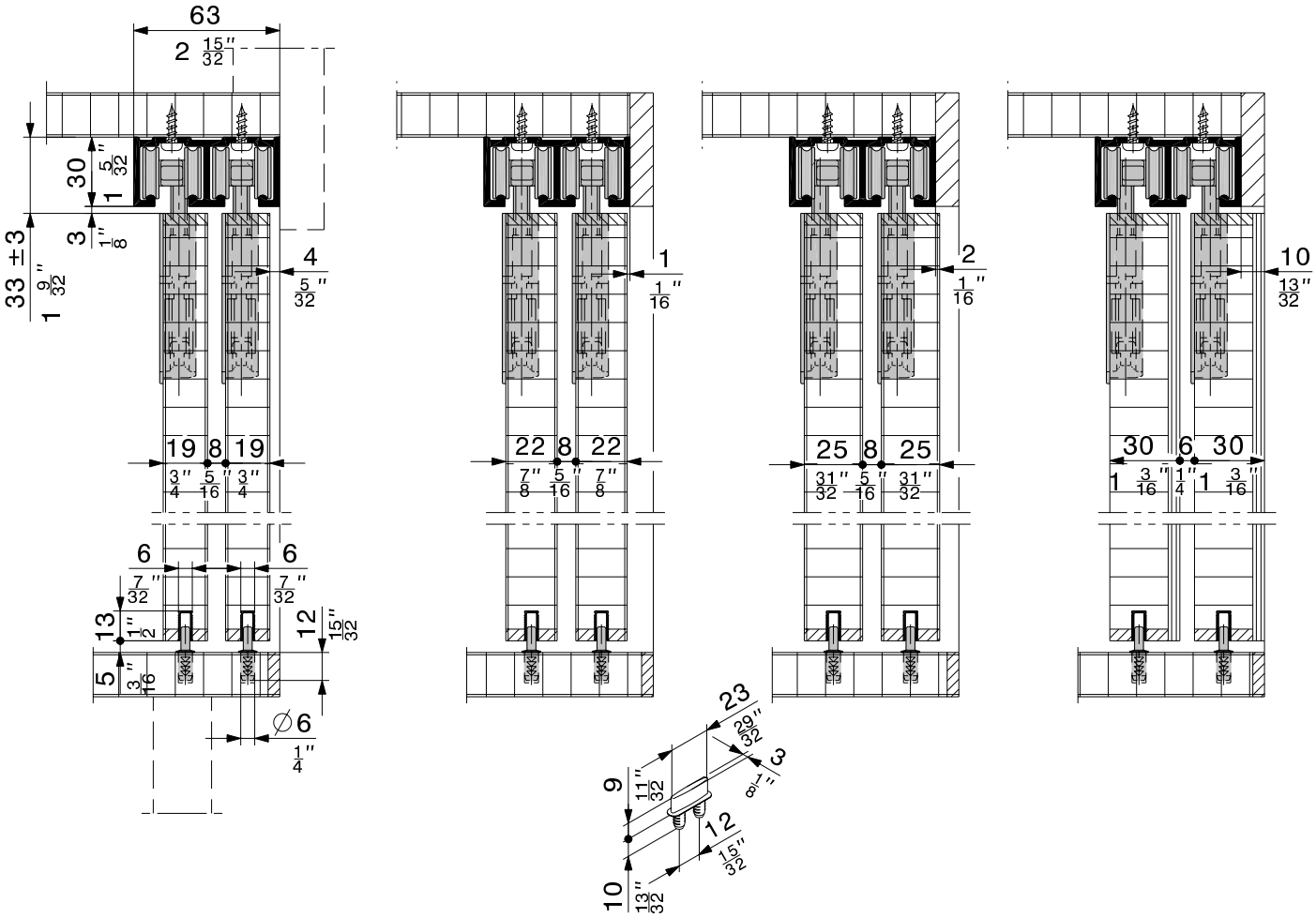
This hardware system is ideal for use wherever heavy sliding doors are required to be moved with HAWA quality, e.g. in apartments, offices, hospitals, public buildings, the administration sector, etc.

Features of the HAWA-208 40-70/IS

- Two-wheeled trolley:
  for sliding doors with a weight up to 40 kg (88 lbs.)
- Four-wheeled trolley:
  for sliding doors with a weight up to 70 kg (154 lbs.)
- Door thicknesses 19, 22, 25 and 30 mm (3/4", 55/64", 63/64" and 1 3/16")
- Simple vertical adjustment
- Track stop plastic, with adjustable retainer

Suspension points

The diagonally arranged threaded drill holes in the roller elements permit the use of this hardware system for sliding doors with a thickness of 19, 22, 25 and 30 mm (3/4", 55/64", 63/64" and 1 3/16").

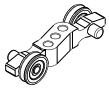
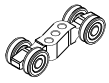


Sets without top tracks and guide channels

	panel	code
HAWA-208 40/IS (for sliding cabinet/wardrobe doors up to 40 kg [88 lbs.])	1	13116
	2	11683
	3	11685
HAWA-208 70/IS (for sliding cabinet/wardrobe doors up to 70 kg [154 lbs.])	1	13117
	2	11684
	3	11686

– for 4-panel sliding doors, two 2-panel sets must be ordered
– for 5-panel sliding doors, one 2-panel and one 3-panel set must be ordered
– for 6-panel sliding doors, sets of special asssortment must be ordered

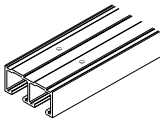
Set comprising

		13116	11683	11685	13117	11684	11686	code
	Two-wheeled trolley, M7, plastic-tyred ball bearing wheels (for sliding cabinet/wardrobe doors up to 40 kg [88 lbs.])	2	4	6	–	–	–	10373
	Four-wheeled trolley, M7, plastic-tyred ball bearing wheels (for sliding cabinet/wardrobe doors up to 70 kg [154 lbs.])	–	–	–	2	4	6	10374
	Concealed press-fit cup, with height adjustment bolt M7	2	4	6	2	4	6	10461
	Bottom guide alu, press-in type	1	2	3	1	2	3	10526
	Plug-in rubber door stop	1	2	2	1	2	2	10589
	Track stop plastic, with adjustable retainer	1	4	4	1	4	4	10602
	Suspension assembly locking wrench	1	1	1	1	1	1	10778
	Hex key 3 mm, short version	–	1	1	–	1	1	10785

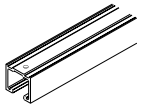
Guide profiles

		mm/inch	code
	Guide profile, plastic brown, groove mounted	3000 (9'10 7/64")	10319
		6000 (19'8 7/32")	10313
		cut to size	10321

Dual top tracks

Caution: Hole positions vary		mm/inch	code
	Dual top track, alu plain anodized, predrilled	2500 (8'2 7/16")	12199
		3500 (11'5 13/16")	12200
		6000 (19'8 7/32")	10166
		cut to size	10169

Single top tracks

Caution: Hole positions vary		mm/inch	code
	Single top track, alu plain anodized, predrilled	6000 (19'8 7/32")	10162
		cut to size	10164

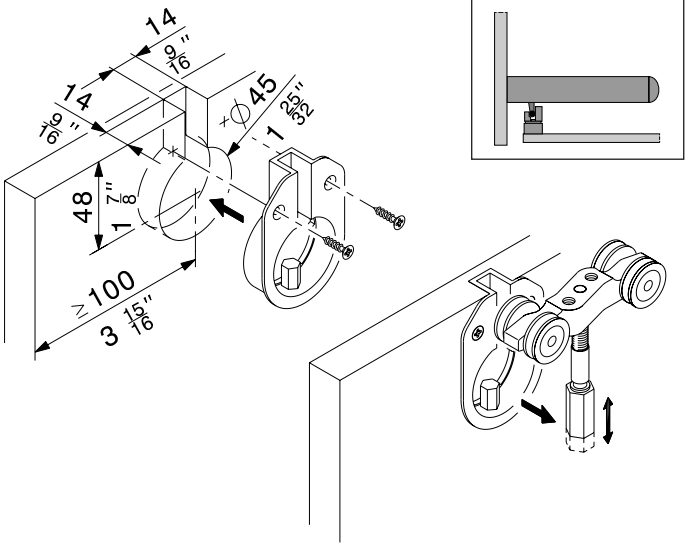
Order specifications

- Number and type of hardware sets
- Type and length of top track
- Type and length of bottom guide channel

Planning/installation

Please use for planning and execution the installation drawing code 12389. (→ www.hawa.ch → HAWA-Productfinder)

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



Soft closing system
→ page 69

Hardware system for semi-overlaying sliding cabinet doors up to 40 kg (88 lbs.) or 70 kg (154 lbs.).

Description

The HAWA-209 40-70/MS is characterised by a combination of high strength and low installation height. The sliding cabinet doors are guided at two points in the bottom guide channel. This hardware system is therefore ideally suited for use with wide doors.

Centre bottom overlaying sliding doors can be moved to both sides thanks to an additional stop bumper installed on the base.

Applications

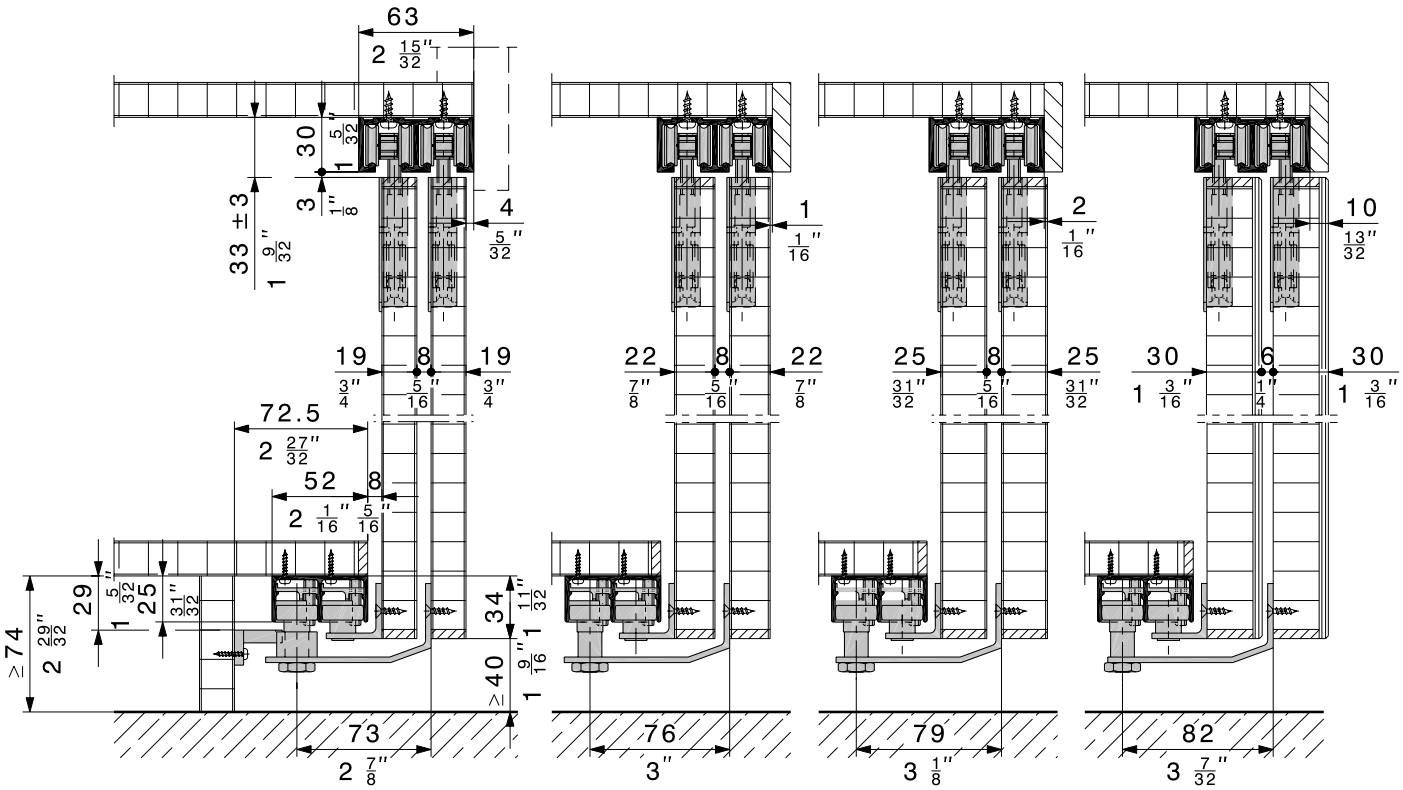
This hardware system is ideal for use wherever heavy sliding doors are required to be moved with HAWA quality, e.g. in apartments, offices, hospitals, hotels, public buildings, the administration sector, etc.

Features of the HAWA-209 40-70/MS

- Two-wheeled trolley:
  for sliding doors with a weight up to 40 kg (88 lbs.)
- Four-wheeled trolley:
  for sliding doors with a weight up to 70 kg (154 lbs.)
- Door thicknesses 19, 22, 25 and 30 mm ($\frac{3}{4}$", $\frac{55}{64}$", $\frac{63}{64}$" and $1\frac{3}{16}$")
- Simple vertical adjustment
- Track stop plastic, with adjustable retainer

Suspension points

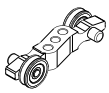
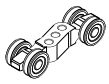
The diagonally arranged threaded drill holes in the roller elements permit the use of this hardware system for sliding doors with a thickness of 19, 22, 25 and 30 mm ($\frac{3}{4}$", $\frac{55}{64}$", $\frac{63}{64}$" and $1\frac{3}{16}$").



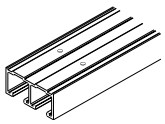
Sets without top tracks and guide channels

	panel	code
HAWA-209 40/MS (for sliding cabinet/wardrobe doors up to 40 kg [88 lbs.])	2	13625
	3	13626
HAWA-209 70/MS (for sliding cabinet/wardrobe doors up to 70 kg [154 lbs.])	2	13627
	3	13628
– for 4-panel sliding doors, two 2-panel sets must be ordered – for 5-panel sliding doors, one 2-panel and one 3-panel set must be ordered – for 6-panel sliding doors, sets of special asssortment must be ordered		
If the centre panel is to be at the rear, the hardware system has to be ordered specially.		

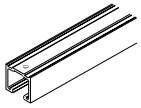
Sets comprising

		13625	13626	13627	13628	code
	Two-wheeled trolley, M7, plastic-tyred ball bearing wheels (for sliding cabinet/wardrobe doors up to 40 kg [88 lbs.])	4	6	–	–	10373
	Four-wheeled trolley, M7, plastic-tyred ball bearing wheels (for sliding cabinet/wardrobe doors up to 70 kg [154 lbs.])	–	–	4	6	10374
	Concealed press-fit cup, with height adjustment bolt M7	4	6	4	6	10461
	Bottom guide for inner door, without safety screw	2	4	2	4	21745
	Bottom guide for outer door, adjustable, without safety screw	2	2	2	2	21746
	Plug-in rubber door stop	2	2	2	2	10589
	Track stop plastic, with adjustable retainer	4	4	4	4	10602
	Guide channel stop	4	4	4	4	10616
	Suspension assembly locking wrench	1	1	1	1	10778
	Hex key, 3 mm, short version	1	1	1	1	10785

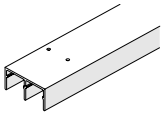
Dual top tracks

Caution: Hole positions vary		mm/inch	code
	Dual top track, alu plain anodized, predrilled	2500 (8'2 7/16")	12199
		3500 (11'5 13/16")	12200
		6000 (19'8 7/32")	10166
		cut to size	10169

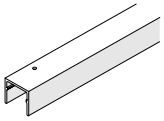
Single top tracks

Caution: Hole positions vary		mm/inch	code
	Single top track, alu plain anodized, predrilled	6000 (19'8 7/32")	10162
		cut to size	10164

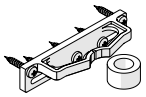
Dual bottom guide channels

Caution: Hole positions vary		mm/inch	code
	Dual bottom guide channel, alu plain anodized, predrilled	2500 (8'2 7/16")	10251
		3500 (11'5 13/16")	10253
		6000 (19'8 7/32")	10254
		cut to size	10256

Single bottom guide channels

Caution: Hole positions vary		mm/inch	code
	Single bottom guide channel, alu plain anodized, predrilled	cut to size	10304

Accessory

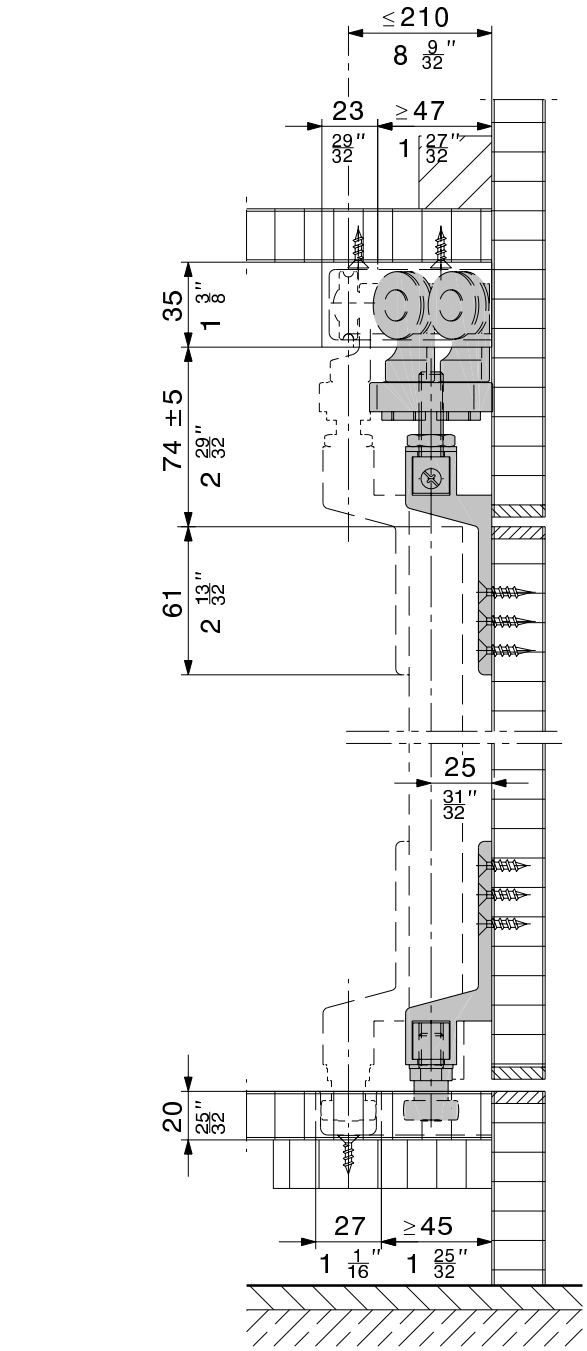
		code
	Stop bumper for central sliding door, front rolling	13232
Centre stop for 3-panel sliding/wardrobe doors: When using a centre stop, sliding cabinet/wardrobe base support must be to the rear by 20.5 mm (2 53/64").		

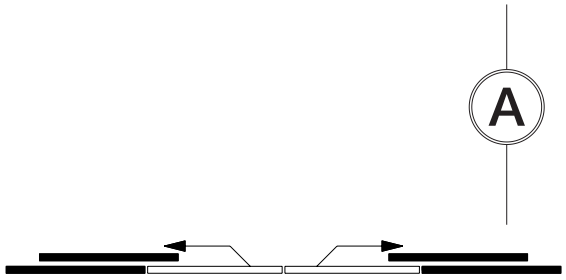
Order specifications

- Number and type of hardware sets
- Type and length of top track
- Type and length of guide channel
- Number of stop bumper for centre sliding door

Planning/installation

Please use for planning and execution the installation drawing code 13634. (→ www.hawa.ch → HAWA-Productfinder)





2 sliding doors



4 sliding doors

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

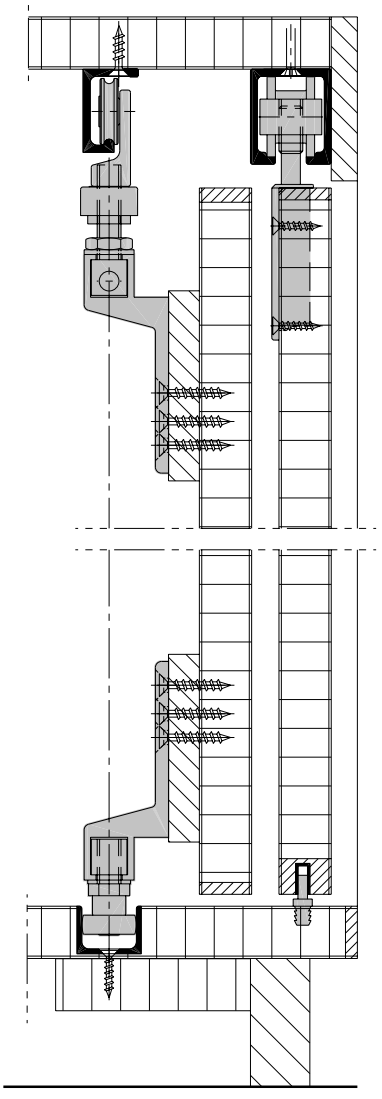
The HAWA-220 Planfront 70 offers countless interior design possibilities. Sliding elements may be flush-mounted to a wainscot or cupboard. Projection screens or media walls may be hidden away without the slightest difficulty. The sliding doors can be moved parallel behind a fixed front. The doors can 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 3/4"–4'11 1/16")
- Door thicknesses 19–45 mm (3/4"–1 25/32")

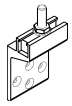
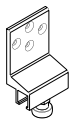
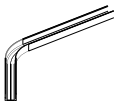
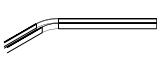


Subject to modification. Metric specifications are exact. Inches are approximate.

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

	panel width		code
HAWA-220 Planfront 70 (1 panel)	400–1500 mm (1'3¾"–4'11 1/16")	right	13233
		left	13234

Sets comprising

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

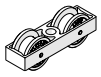
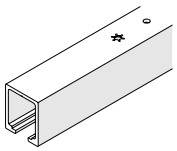
Curved top tracks (Special applications)

Caution: Hole positions vary		mm/inch	code
Curved top track, alu plain anodized, predrilled	right	2000 (6'6¾")	13166
	left		13167
	right	3000 (9'10 7/64")	13256
	left		13257

Curved bottom guide channels (Special applications)

Caution: Hole positions vary		mm/inch	code
Curved bottom guide channel, alu plain anodized, predrilled	right	2000 (6'6¾")	13104
	left		13105
	right	3000 (9'10 7/64")	13258
	left		13259

Accessories (for version B)

«Version B» consists of the version A set plus the following accessories parts			code
	Trolley hanger, M10, sleeve bearing mounted, highgrade polyamide tandem rollers		10407
	Concealed press-fit cup, alu, with hanger bolt M10		15591
	Track stop with adjustable retainer		24497
	Guide profile, plastic brown, groove mounted	3000 mm (9'10 7/64")	10319
		6000 mm (19'8 7/32")	10313
		cut to size	10321
	Bottom guide alu, press-in type		10526
	Top track, alu plain anodized, predrilled Caution: Hole positions vary	1400 mm (4'7 1/8")	10189
		1600 mm (5'3")	10190
		1800 mm (5'10 7/8")	10191
		2000 mm (6'6¾")	10192
		2200 mm (7'2 5/8")	10193
		2500 mm (8'2 7/16")	10194
		3000 mm (9'10 1/8")	18532
		4000 mm (13'1 1/2")	18533
		6000 mm (19'8 7/32")	10186
		cut to size	10188

Order specifications

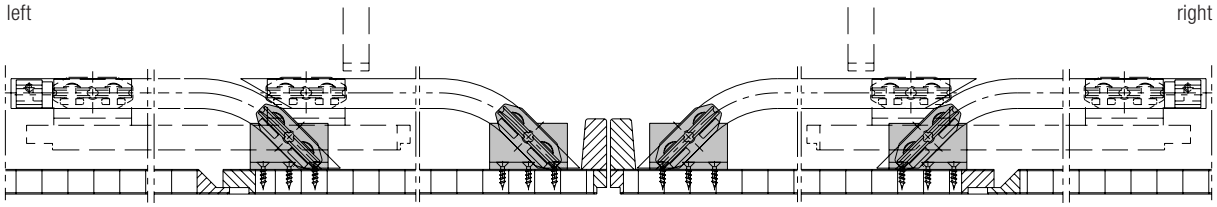
- Width of sliding panels
- Number of sliding panels
- To be moved to the left or right, viewed from the exterior
- Number and type of sets

4-panel constructions

4-panel installations are possible in combination with straight-running sliding door hardware. (Version B)

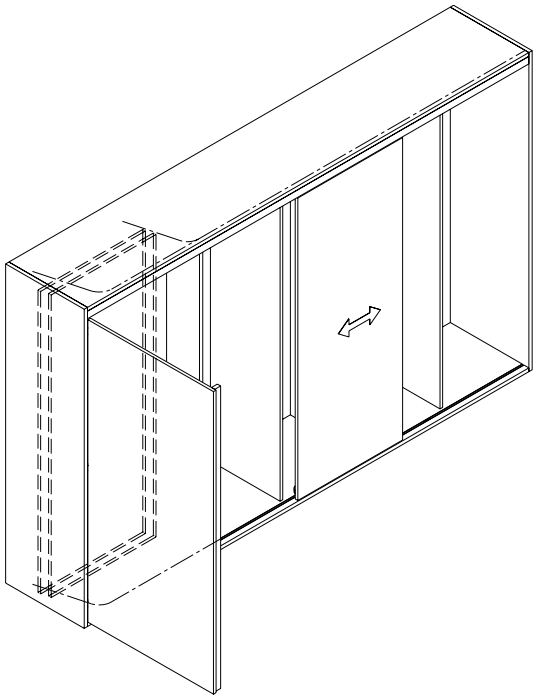
Planning/installation

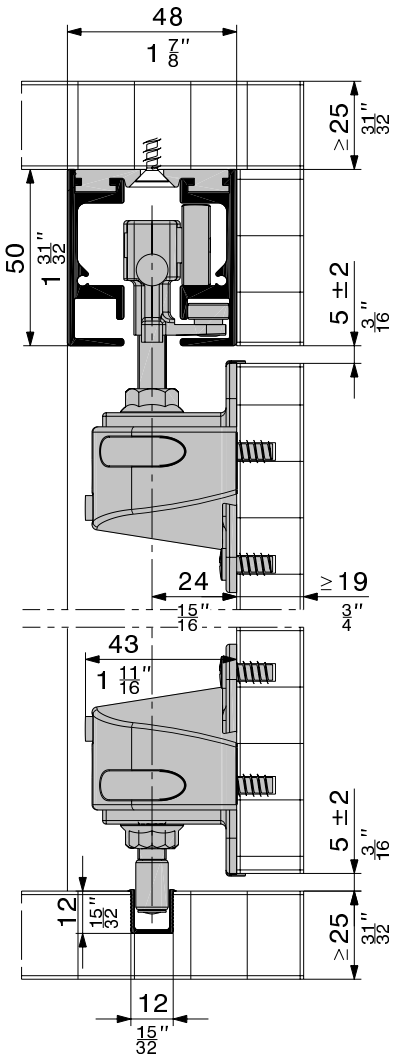
Please use for planning and execution the installation drawing code 17915. (→ www.hawa.ch → HAWA-Productfinder)



Dimensional-tolerance

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.

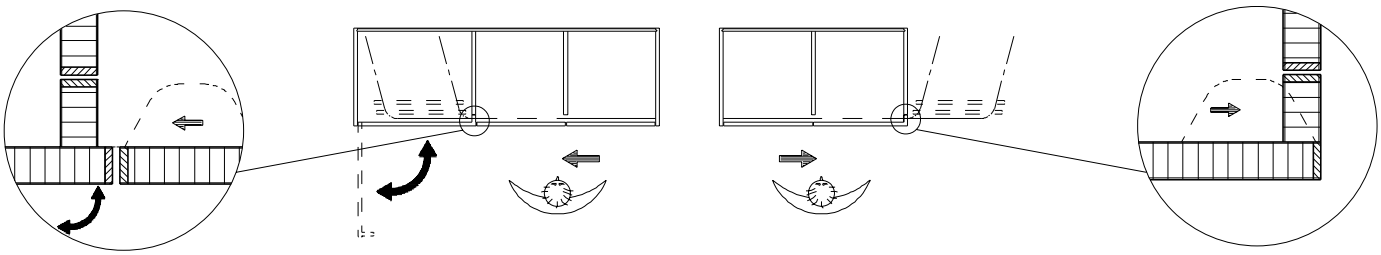
Features of the HAWA-Aperto 40/F

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

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

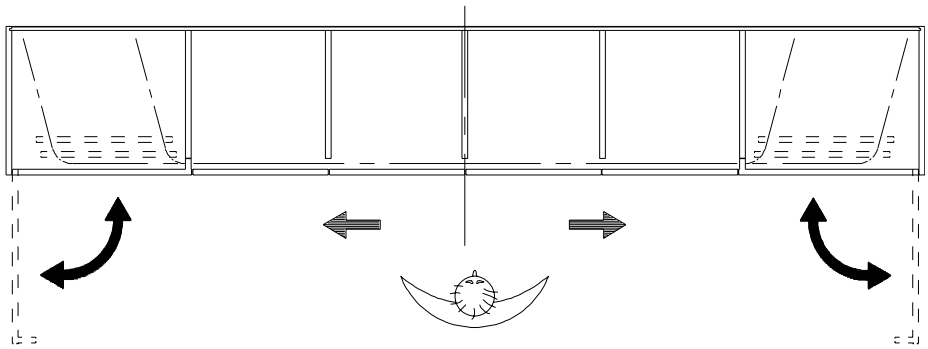
Stacking area options

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

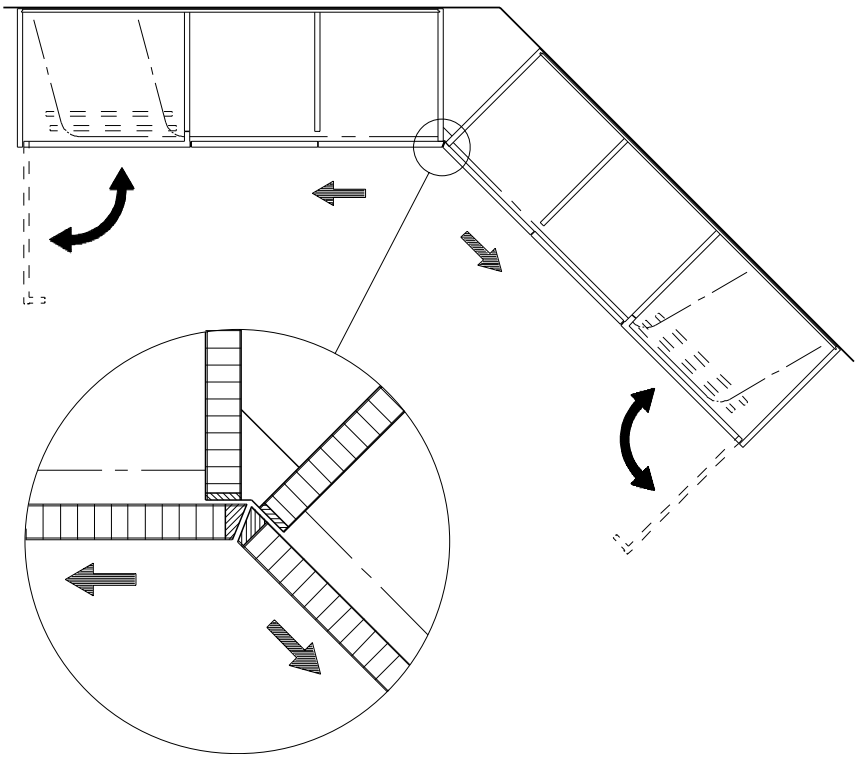
The system accommodates up to 7 panels per stacking area.
Individual panel width per installation.



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.

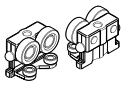
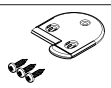


Subject to modification. Metric specifications are exact. Inches are approximate.

Panel set, HAWA-Aperto 40/F

	code
HAWA-Aperto 40/F, set for 1 panel	17797

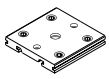
Panel set comprising

		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
	Panel surface equalizer, plastic black	1	20047
	Cover cap, plastic black, for fixing cup 19880	3	17678
	Spacers for panel clearance, 2 mm ($\frac{3}{32}$") 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

	length of tracks	possible cabinet width incl. stacking area	code
Top tracks and bottom guide channels incl. top fixing plate for HAWA-Aperto 40/F	2500 mm (8'2$\frac{7}{16}$")	3200 mm (10'6")	18250
	3500 mm (11'5$\frac{13}{16}$")	4200 mm (13'9$\frac{23}{64}$")	18251

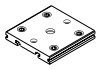
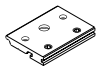
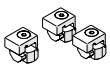
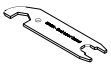
Track sets comprising

		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$\frac{13}{16}$") 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$\frac{13}{16}$") alu plain anodized	–	2	17796
	Set of bottom guide channels, 2500 mm (8'2$\frac{7}{16}$") 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

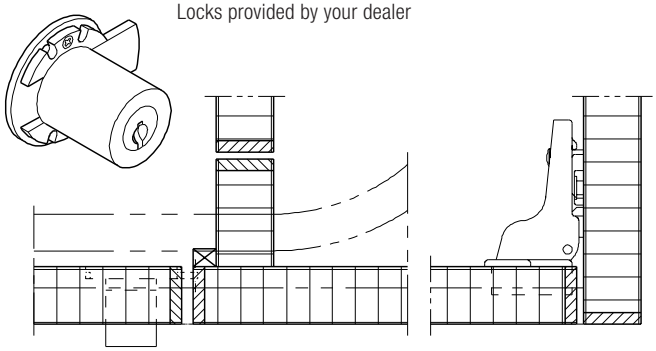
Stacking area set comprising

		pieces	code
	Single top track curved segment, 75° inside, length of leg 580 mm (1'10$\frac{27}{32}$")	1	17289
	Single top track curved segment, 75° outside, length of leg 580 mm (1'10$\frac{27}{32}$")	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
	Centre stop with progressively adjustable retention spring catch	1	17283
	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 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.

Locks provided by your dealer



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

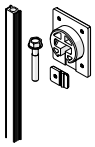
Top tracks to HAWA-Aperto 40/F

		code
	Single top track, 6000 mm (19'8 7/32") alu plain anodized, (possible cabinet width incl. stacking area: 6700 mm [21'11 25/32"])	16891
	Top fixing plate for 2 x single top track, alu, plate distance max. 450 mm (1'5 23/32")	17128

Accessories to HAWA-Aperto 40/F

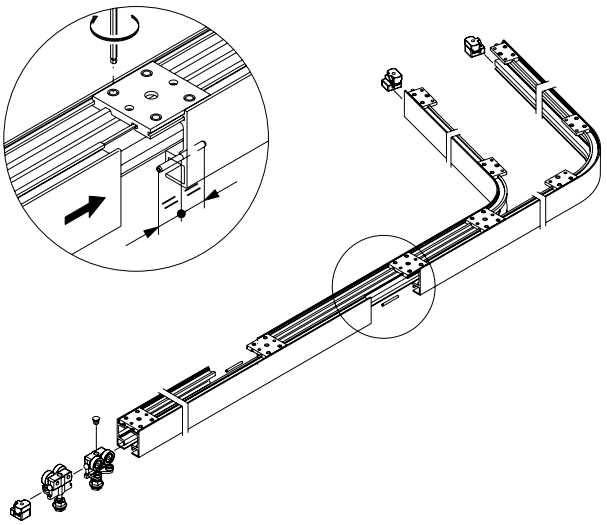
		code
	Two-wheeled trolley, M8	17927
	Centre stop with progressively adjustable retention spring catch	17283
	Top track end stops for single top track	19542

Aligner – Set for 1 door

		code
	Aligner for stabilisation of wooden sliding doors, set for 1 door	18705
• for door thicknesses of 16–28 mm (5/8"–1 1/8") • for door hights up to 2600 mm (8'6 3/8") (not suitable for solid hardwood)		

Sliding comfort

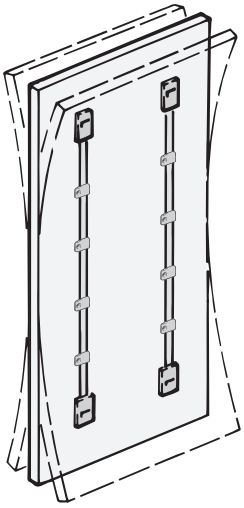
Easy sliding action thanks to forced guiding system, plastic rollers and anodised aluminium top tracks for extremely light and quiet running.



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 70



Order specifications

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

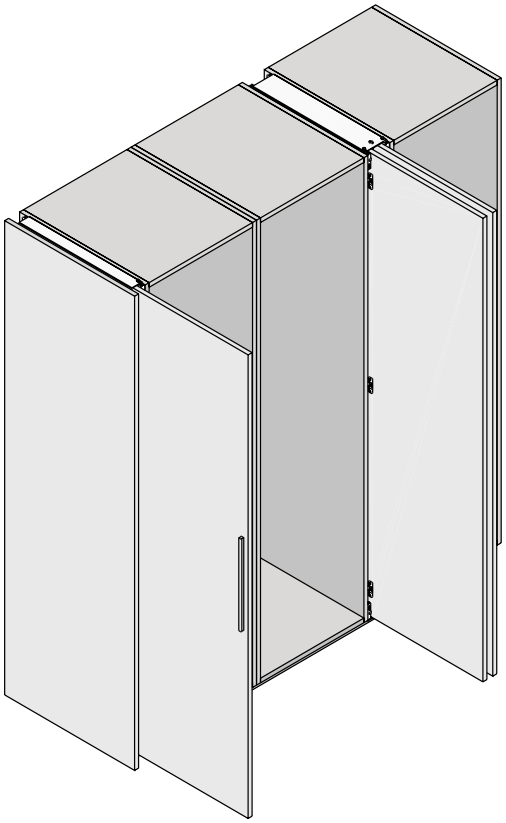
Custom installations

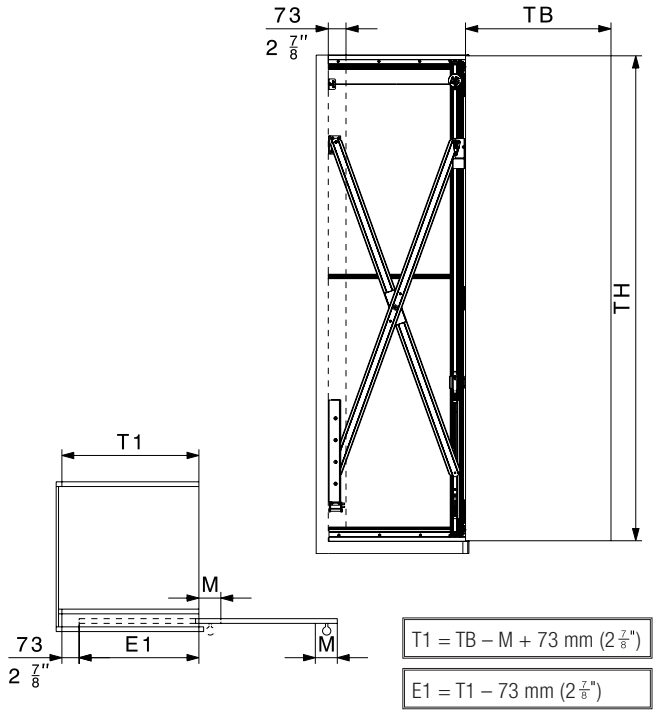
Please contact Hawa for special installations with more than 7 panels, curved top tracks, or an integral change of track direction.

Planning/installation

For planning and installation purposes, please use the installation drawing code 17808. (→ www.hawa.ch → HAWA-Productfinder)

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





Calculation hardware depth

	T1	TH	E1
HAWA-Concepta 25	≤ 650 mm (2'1 19/32")	1250–1850 mm (4'1 7/16"–6'0 27/32")	≤ 577 mm (1'10 23/32")
HAWA-Concepta 30	≤ 900 mm (2'11 7/16")	1851–2300 mm (6'0 7/8"–7'6 9/16")	≤ 827 mm (2'8 9/16")
HAWA-Concpeta 40	≤ 900 mm (2'11 7/16")	1851–2500 mm (6'0 7/8"–8'2 7/16")	≤ 827 mm (2'8 9/16")
HAWA-Concepta 50	≤ 900 mm (2'11 7/16")	2301–2850 mm (7'6 19/32"–9'4 7/32")	≤ 827 mm (2'8 9/16")

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.

Features of HAWA-Concepta 25

- Maximum door weight 25 kg (55 lbs.)
  → door weight/height ratio
- Door width 300–750 mm (11 13/16"–2'5 17/32")
- Door height 1250–1850 mm (4'1 7/16"–6'0 27/32")
- Door thickness 19–50 mm (3/4"–1 31/32")

Features of HAWA-Concepta 30

- Maximum door weight 30 kg (66 lbs.)
  → door weight/height ratio
- Door width 300–900 mm (11 13/16"–2'11 7/16")
- Door height 1851–2300 mm (6'0 7/8"–7'6 9/16")
- Door thickness 19–50 mm (3/4"–1 31/32")

Features of HAWA-Concepta 40

- Maximum door weight 40 kg (88 lbs.)
  → door weight/height ratio
- Door width 300–900 mm (11 13/16"–2'11 7/16")
- Door height 1851–2500 mm (6'0 7/8"–8'2 7/16")
- Door thickness 19–50 mm (3/4"–1 31/32")

Features of HAWA-Concepta 50

- Maximum door weight 50 kg (110 lbs.)
  → door weight/height ratio
- Door width 300–900 mm (11 13/16"–2'11 7/16")
- Door height 2301–2850 mm (7'6 19/32"–9'4 7/32")
- Door thickness 19–50 mm (3/4"–1 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
- 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

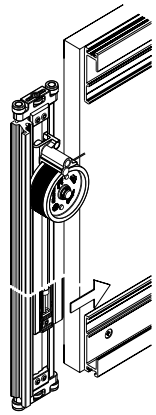
Subject to modification. Metric specifications are exact. Inches are approximate.

Sets, HAWA-Concepta 25/30

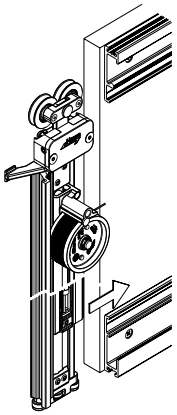
	mm/inch	code
HAWA-Concepta 25, set for 1 door	1250 – 1850 (4'1 7/16" – 6'0 27/32")	25878
HAWA-Concepta 30, set for 1 door	1851 – 2300 (6'0 7/8" – 7'6 9/16")	25879
Sets contents: → page 42		

Sets, HAWA-Concepta 40/50

	mm/inch	code
HAWA-Concepta 40, set for 1 door	1851–2500 (6'0 7/8" – 8'2 7/16")	25880
HAWA-Concepta 50, set for 1 door	2301–2850 (7'6 19/32" – 9'4 7/32")	25881
Sets contents: → page 43		



HAWA-Concepta 25/30



HAWA-Concepta 40/50

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 weight in Kg / TB = Door width in mm / TH = Door height in mm										

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	40	40	40	40
2450	40	40	40	40	40	40	40	40	40	40	40	40	39
2400	40	40	40	40	40	40	40	40	40	40	40	40	38
2350	40	40	40	40	40	40	40	40	40	40	40	39	37
2300	40	40	40	40	40	40	40	40	40	40	40	38	36
2250	40	40	40	40	40	40	40	40	40	40	39	37	35
2200	40	40	40	40	40	40	40	40	40	40	38	36	34
2150	40	40	40	40	40	40	40	40	40	39	37	35	33
2100	40	40	40	40	40	40	40	40	40	38	36	34	32
2050	40	40	40	40	40	40	40	40	39	37	35	33	31
2000	40	40	40	40	40	40	40	40	38	36	34	32	30
1950	40	40	40	40	40	40	40	39	37	35	33	31	29
1900	40	40	40	40	40	40	40	38	36	34	32	30	28
1851	40	40	40	40	40	40	39	37	35	33	31	29	27
Door weight in Kg / TB = Door width in mm / TH = Door height in mm													

HAWA-Concepta 30

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 weight in Kg / TB = Door width in mm / TH = Door height in mm													

HAWA-Concepta 50

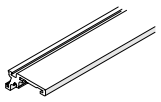
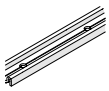
TB / TH	300	350	400	450	500	550	600	650	700	750	800	850	900
2850	50	50	50	50	50	50	50	50	50	50	50	50	50
2800	50	50	50	50	50	50	50	50	50	50	50	50	50
2750	50	50	50	50	50	50	50	50	50	50	50	50	50
2700	50	50	50	50	50	50	50	50	50	50	50	50	49
2650	50	50	50	50	50	50	50	50	50	50	50	50	48
2600	50	50	50	50	50	50	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 weight in Kg / TB = Door width in mm / TH = Door height in mm													

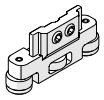
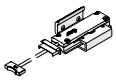
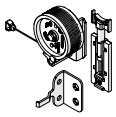
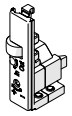
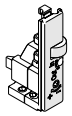
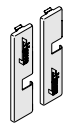
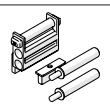
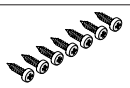
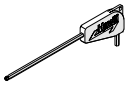
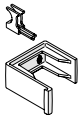
Subject to modification. Metric specifications are exact. Inches are approximate.

Sets, HAWA-Concepta 25/30

	mm/inch	code
HAWA-Concepta 25, set for 1 door	1250 – 1850 (4'1 7/16" – 6'0 27/32")	25878
HAWA-Concepta 30, set for 1 door	1851 – 2300 (6'0 7/8" – 7'6 9/16")	25879

Sets comprising

		25878	25879	code
	Upright, 1800 mm (5'10 7/8"), alu plain anodized	1	–	22055
	Upright, 2300 mm (7'6 9/16"), alu plain anodized	–	1	24699
	Scissor action, complete, 900 mm (2'11 7/16"), galvanized steel	1	–	22592
	Scissor action, complete, 1500 mm (4'11 1/16"), 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, spring-loaded, for wooden door, galvanized, 3 pieces	1	1	22778
	Spaceer profil, 860 mm (2'9 7/8"), plastic black, predrilled	1	1	22861
	Brush guide, set of 3 pieces, plastic, black	1	1	25815

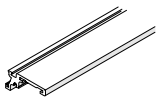
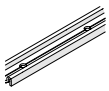
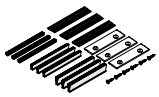
		25878	25879	code
	Upright guide, with zero clearance, with plastic rollers	2	2	25656
	Bottom guide channel, alu plain anodized, 728 mm (2'4 21/32"), predrilled	2	–	24533
	Bottom guide channel, alu plain anodized, 896 mm (2'11 3/32"), predrilled	–	2	24535
	Stop damper with retaining bracket	1	–	24661
		–	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
	Stop cover cap, depth ajustable, top left / bottom right	1	1	24624
	Stop cover cap, depth ajustable, top right / bottom left	1	1	24625
	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 x 16 mm (5/32" x 5/8"), 10 pieces	1	1	25935
	Screw set for fitting hadware to cabinet body, 4,5 x 20 mm (3/16" x 25/32"), 20 pieces	1	1	22451
	Screw set for spacer profile, PH 4 x 16 mm (5/32" x 5/8"), 7 pieces	1	1	25562
	Hex key, 3 mm (1/8"), with handle	1	1	13164
	Installation aid, plastic, red	1	1	25816

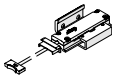
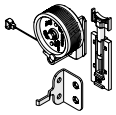
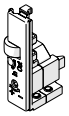
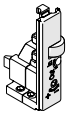
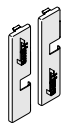
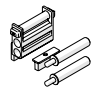
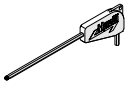
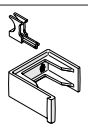
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Sets, HAWA-Concepta 40/50

	mm/inch	code
HAWA-Concepta 40, set for 1 door	1851–2500 (6'0 7/8" – 8'2 7/16")	25880
HAWA-Concepta 50, set for 1 door	2301–2850 (7'6 19/32" – 9'4 7/32")	25881

Sets comprising

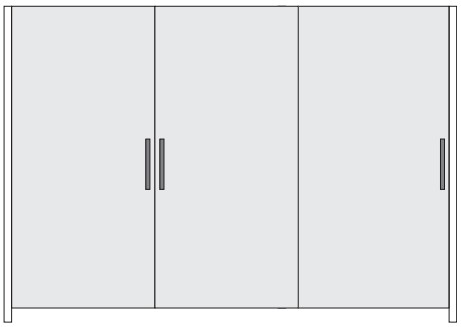
		25880	25881	code
	Upright, 2500 mm (8'2 7/16"), alu plain anodized	1	–	22056
	Upright, 2760 mm (9'0 21/32"), alu plain anodized	–	1	22057
	Scissor action, complete, 1500 mm (4'11 1/16"), galvanized steel	1	1	22594
	Front scissor guide, alu plani anodized	1	1	25592
	Rear scissor guide, alu plain anodized	1	1	25596
	Rear scissor bearing, galvanized steel	1	1	25855
	Concealed hinge, spring-loaded, for wooden door, galvanized, 4 pieces	1	–	24217
	Concealed hinge, spring-loaded, for wooden door, galvanized, 5 pieces	–	1	22779
	Spaceer profil, 860 mm (2'9 7/8"), plastic black, predrilled	1	1	22861
	Brush guide, set of 3 pieces, plastic, black	1	1	25815
	Two-wheeled trolley alu, with ball bearing wheels, height-adjustable, with torsion plate, dull nickel finish	1	1	24955

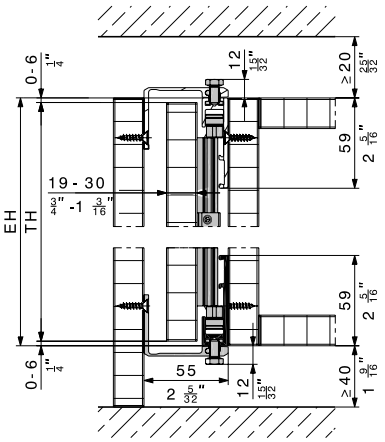
		25880	25881	code
	Upright guide, with zero clearance, with plastic rollers	1	1	25656
	Top track, 896 mm (2'11 9/32"), alu plain anodized, predrilled	1	1	24528
	Bottom guide channel, 896 mm (2'11 9/32"), alu plain anodized, predrilled	1	1	24535
	Stop damper with retaining bracket	1	1	24660
	Door pull-in 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
	Stop cover cap, depth ajustable, top left / bottom right	1	1	24624
	Stop cover cap, depth ajustable, top right / bottom left	1	1	24625
	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 x 16 mm (5/32" x 5/8"), 10 pieces	1	1	25935
	Screw set for fitting hadware to cabinet body, 4,5 x 20 mm (3/16" x 25/32"), 20 pieces	1	1	22451
	Screw set for spacer profile, PH 4 x 16 mm (5/32" x 5/8"), 7 pieces	1	1	25562
	Hex key, 3 mm (1/8"), with handle	1	1	13164
	Installation aid, plastic, red	1	1	25816

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

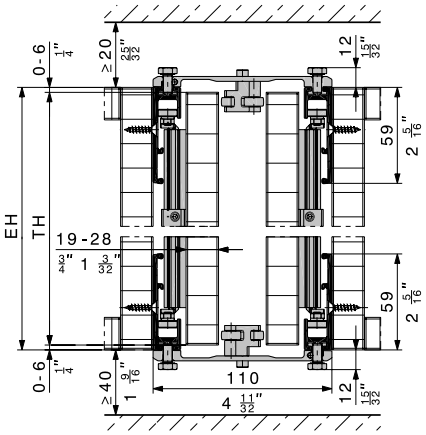
Design option: Door striking against the top and bottom cabinet section

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 simple installation.
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.

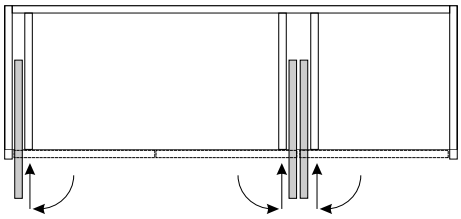


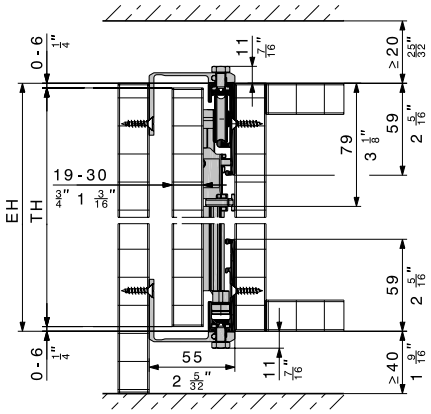


System: HAWA-Concepta 25/30
Connection: Connector 55 mm (2 3/16")

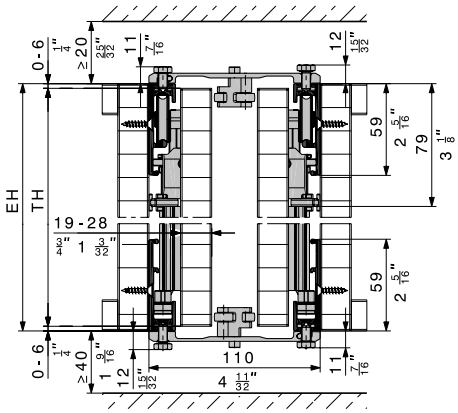


System: HAWA-Concepta 25/30
Connection: Connector 110 mm (4 11/32")

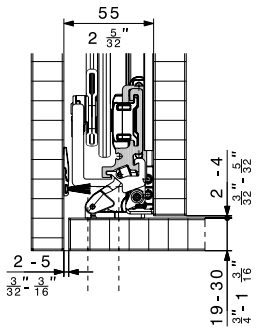




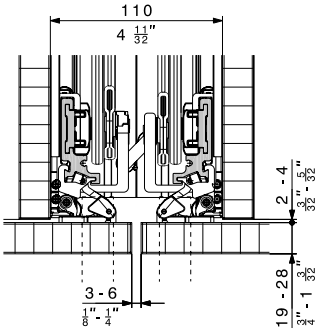
System: HAWA-Concepta 40/50
Connection: Connector 55 mm (2 3/16")



System: HAWA-Concepta 40/50
Connection: Connector 110 mm (4 11/32")



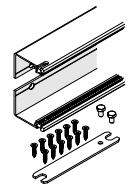
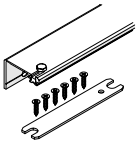
Connector 55 mm (2 3/16")
Maximum door thickness: 30 mm (1 3/16")



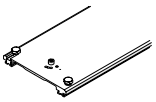
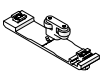
Connector 110 mm (4 11/32")
Maximum door thickness: 28 mm (1 1/8")

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

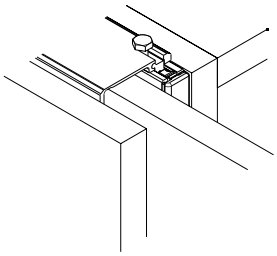
Connecting profile to the external side or cabinet body

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

Connecting profile to the cabinet body

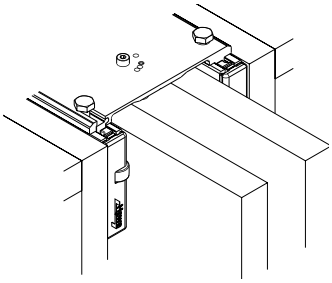
		mm/inch	code
	Connector 110 mm (4 11/32") for two pivot/slide-in doors, alu plain anodized, 1 piece	650 (2'1 19/32")	23223
		900 (2'11 7/16")	23224
	Connector 110 mm (4 11/32") for two pivot/slide-in doors, alu plain anodized, 1 piece (for installation in front of a fixed base)	26 (1 1/32")	23225

Connector 55 mm (2 3/16")



Connector 55 mm (2 3/16"):
recess for one pivot/slide-in door

Connector 110 mm (4 11/32")



Connector 110 mm (4 11/32"):
recess for two pivot/slide-in doors

Connector for HAWA-Concepta 25/30/40/50

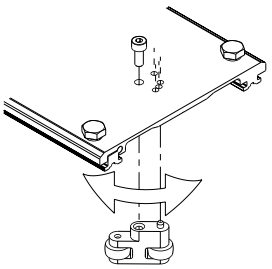
The Connector connection profile for the HAWA-Concepta 25/30/40/50 is a well-thought-out method of simplifying the assembly of designs with pivot/slide-in doors striking against the top and bottom cabinet sections. Assembly is not only easy but also quick and convenient: the cabinet side or body sections 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 3/16")

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

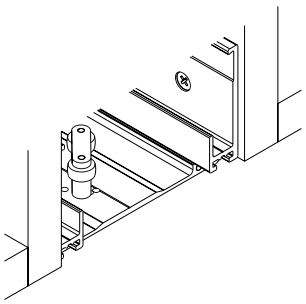
Typisch Connector 110 mm (4 11/32")

- For recesses with two pivot/slide-in doors made of wood: 19–28 mm (3/4"–1 1/8")
- The Connector compensates cabinet body height differences of up to ± 1.5 mm (1 1/16")

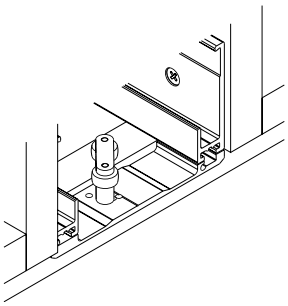


Kitchen designs with and without a fixed base

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 1/32") 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

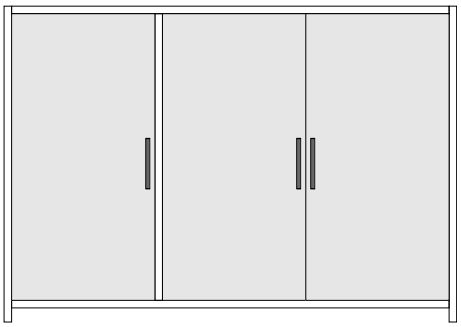
Subject to modification. Metric specifications are exact. Inches are approximate.

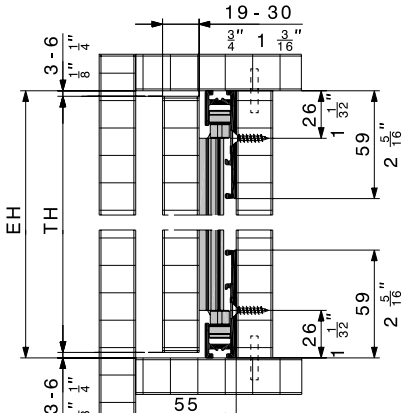
HAWA-Concepta 25/30/40/50: Further design options

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.

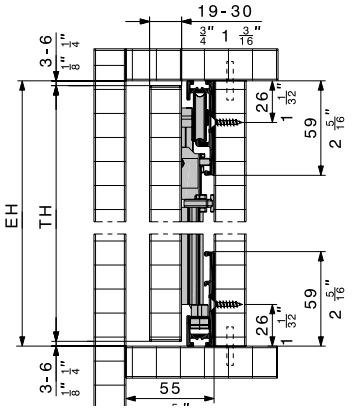
Inlaying doors

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

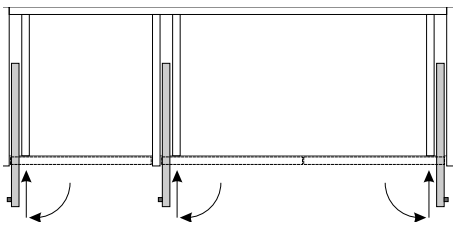


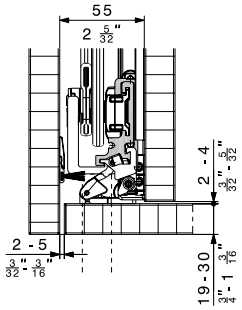


HAWA-Concepta 25/30



HAWA-Concepta 40/50



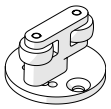


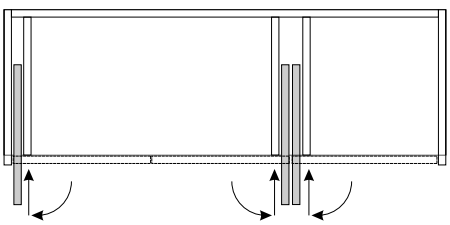
HAWA-Concepta 25/30/40/50

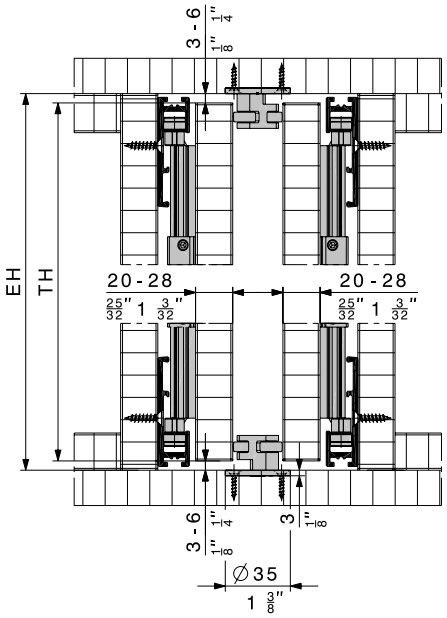
Guide for two inlaid doors

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

Guide

		code
	Guide for two pivot/slide-in doors, aluminium, plain anodized	25680

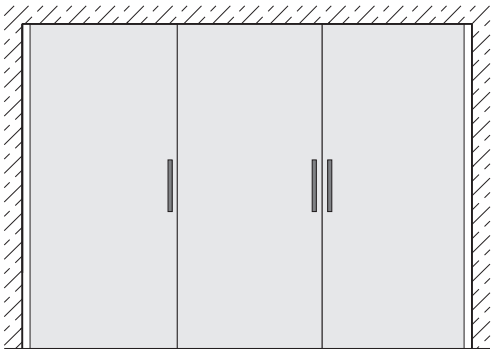


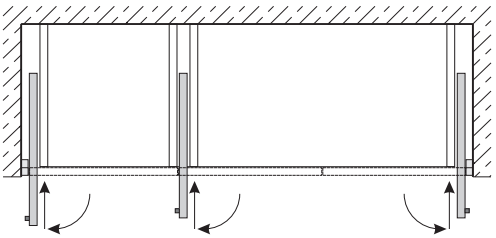


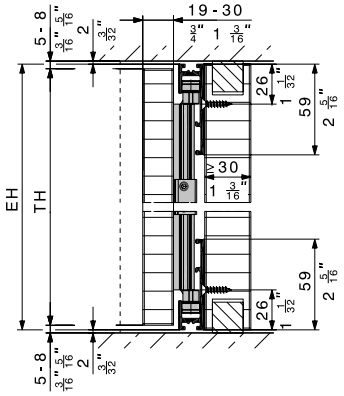
Subject to modification. Metric specifications are exact. Inches are approximate.

Door in wall recess

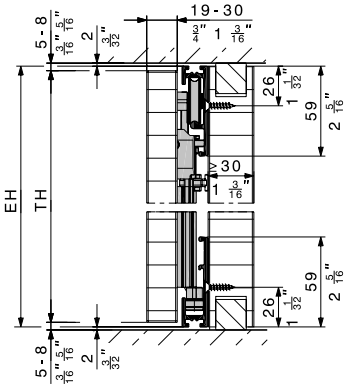
The HAWA-Concepta 25/30/40/50 can also conceal wall recesses without a cabinet body.



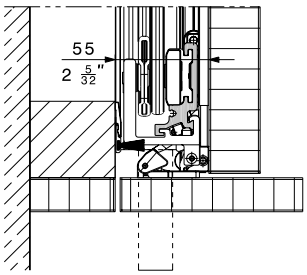




HAWA-Concepta 25/30



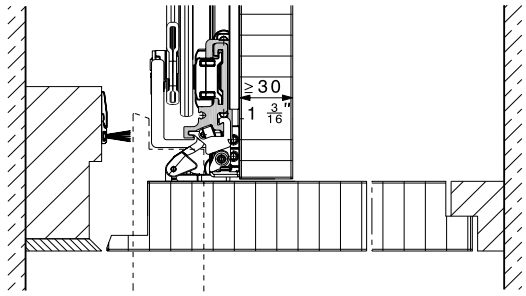
HAWA-Concepta 40/50



HAWA-Concepta 25/30/40/50

Design variant: room partitioning solutions

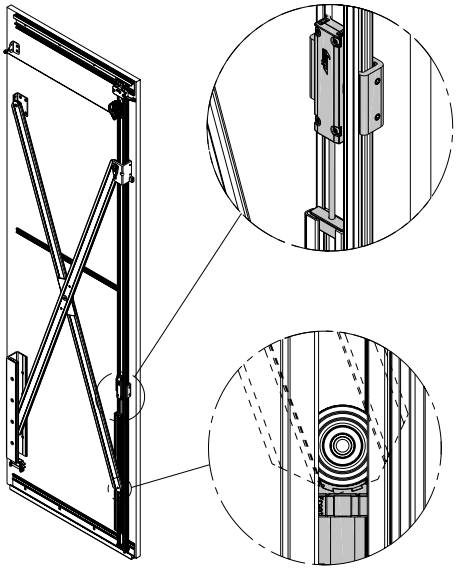
Room-high designs for partitioning solutions are possible as the HAWA-Concepta 25/30/40/50 does not require top and bottom cabinet sections. All components are screwed onto the intermediate panel.



HAWA-Concepta 40/50

Shock absorber: high operational convenience

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

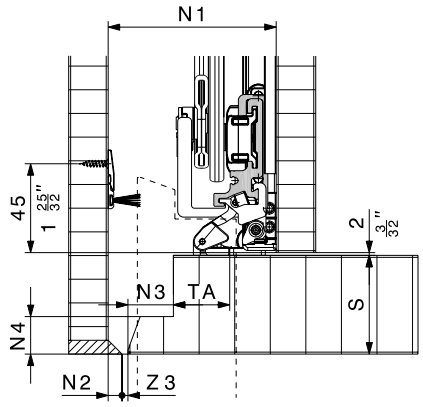


Wood doors from 30 mm (1 3/16")

Rabbets enable the installation of wood doors with thicknesses starting from > 30–50 mm (1 3/16"–1 31/32")

Rabbet dimensions

S	N1	N2	N3	N4
19–30 mm (3/4"–1 3/16")	55 mm (2 3/16")	0 mm	0 mm	0 mm
33 mm (1 5/16")	58 mm (2 9/32")	0 mm	3 mm (1/8")	3 mm (1/8")
36 mm (1 7/16")	63 mm (2 1/2")	2 mm (3/32")	6 mm (1/4")	5 mm (7/32")
39 mm (1 17/32")	67 mm (2 21/32")	3 mm (1/8")	9 mm (3/8")	8 mm (5/16")
42 mm (1 21/32")	70 mm (2 3/4")	3 mm (1/8")	12 mm (15/32")	11 mm (7/16")
45 mm (1 25/32")	75 mm (2 15/16")	5 mm (7/32")	15 mm (19/32")	14 mm (9/16")
48 mm (1 29/32")	79 mm (3 1/8")	6 mm (1/4")	18 mm (23/32")	17 mm (11/16")
50 mm (1 31/32")	83 mm (3 9/32")	7 mm (9/32")	21 mm (27/32")	19 mm (3/4")

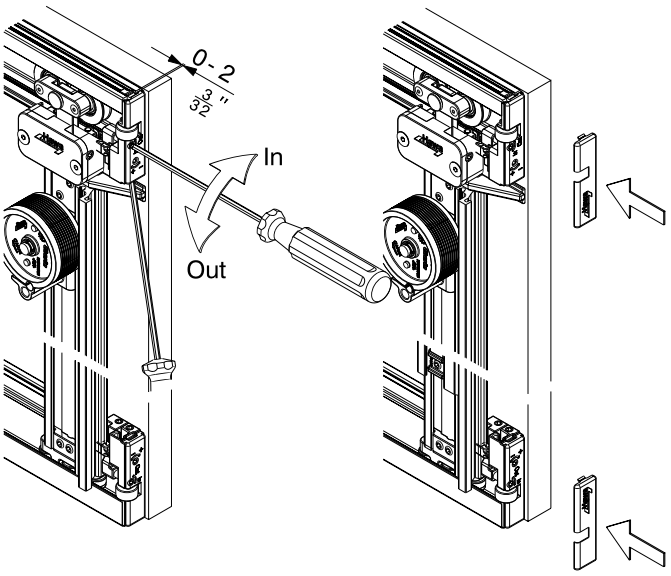


Z3	TA
2 mm (3/32")	29.5 mm (1 5/32")
3 mm (1/8")	28.5 mm (1 1/8")
4 mm (5/32")	27.5 mm (1 3/32")
5 mm (7/32")	26.5 mm (1 1/16")

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"–3/32") in the depth of the cabinet
- 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

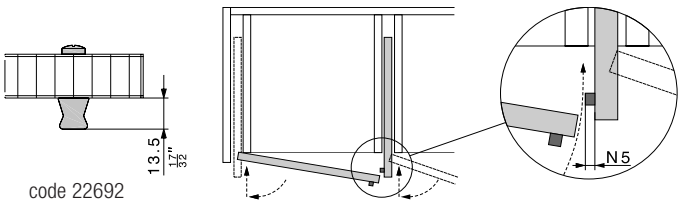
Subject to modification. Metric specifications are exact. Inches are approximate.

Door handles

		mm/inch	code
	Door handle, alu plain anodized	400 (1'3 3/4")	22692
Please pay attention to the collision hazard when planning door handles in connection with the Connector.			

Door handle height

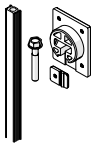
The height of the door handle should be determined accordingly if two cabinet elements are designed so that the door opening of one cabinet meets with the insert of the adjacent cabinet. We recommend shell handles or flush pull handles to building owners.



code 22692

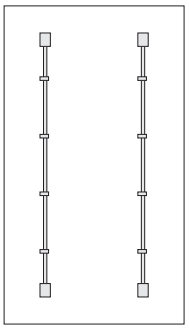
Door handle	S	N5
Hawa code 22692	19 mm (3/4")	13.5 mm (17"/32)
Provided by customer	≤ 22 mm (7/8")	10 mm (13"/32)
	≤ 25 mm (31"/32)	5 mm (7"/32)
	≤ 50 mm (1 31"/32)	2 mm (3"/32)
S = Door thickness N5 = Maximum door handle height for adjacent cabinets		

Aligner – Set for 1 wooden door

		code
	Aligner for stabilisation of wooden sliding door, set of 2 pieces	18705
• for door thicknesses of 16–28 mm (5/8"–1 1/8") • for door hights up to 2600 mm (8'6 3/8") (not suitable for solid hardwood)		

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

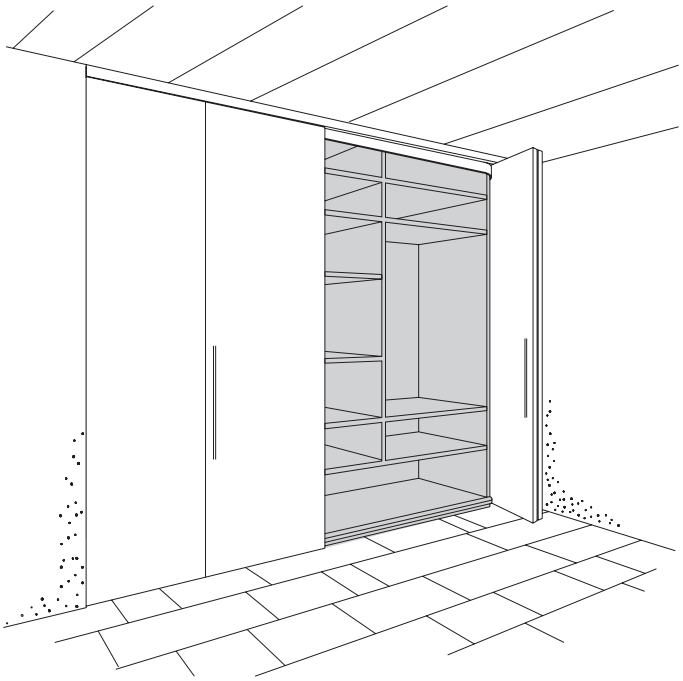
Planning/installation

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

- HAWA-Concepta 25/30 code 25737
- HAWA-Concepta 40/50 code 25738
- Connector for HAWA-Concepta 25/30/40/50 code 23227

(→ www.hawa.ch → HAWA-Productfinder)

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



Flush when closed, completely open.

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

Description

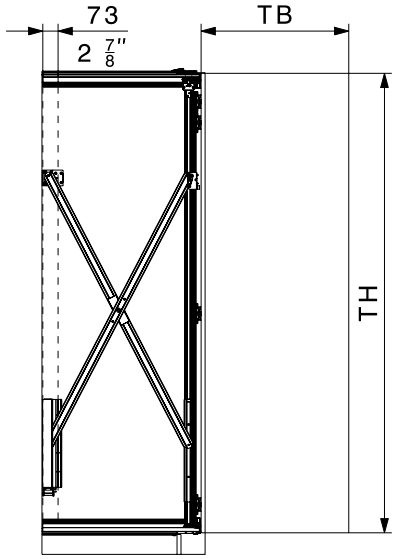
Flush cabinet fronts can be fully opened with HAWA-Folding Concepta 25. Two doors can be folded and slid into furniture cabinets or wall niches at either the side. Systems with one pair of folding doors at both sides can be realized without separating walls using the optional reinforcement profile. Sets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

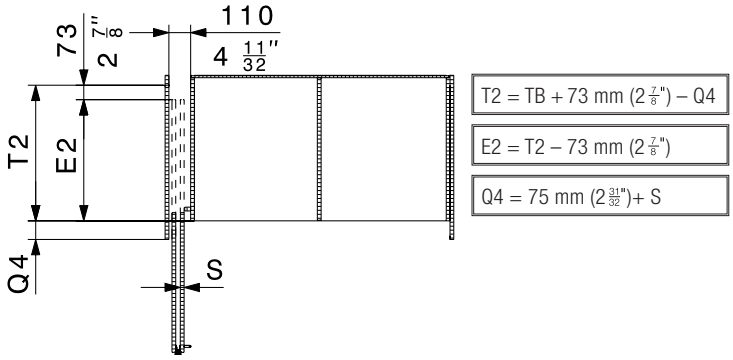
Applications

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 mm (11 $\frac{13}{16}$"–2'3 $\frac{9}{16}$")
- Door height: 1250–2600 mm (4'1 $\frac{7}{32}$"–8'6 $\frac{3}{8}$")
- Door thickness: 19–26 mm ($\frac{3}{4}$"–1 $\frac{1}{32}$")
- 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





T2 = TB + 73 mm (2 $\frac{7}{8}$") – Q4

E2 = T2 – 73 mm (2 $\frac{7}{8}$")

Q4 = 75 mm (2 $\frac{31}{32}$")+ S

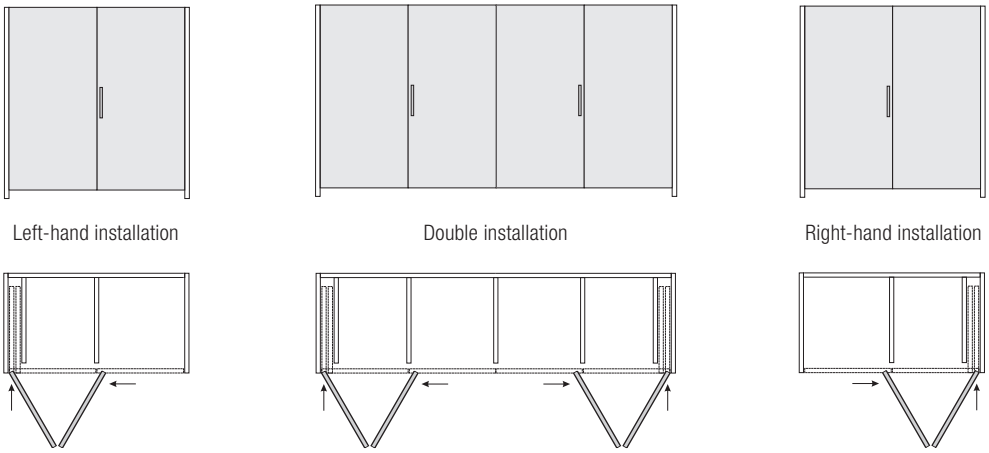
Calculation hardware depth

T2	TH	E2
≤ 680 mm (26'0 $\frac{49}{64}$")	1250–1850 mm (4'1 $\frac{7}{16}$"–6'0 $\frac{27}{32}$")	≤ 607 mm (23'0 $\frac{57}{64}$")
≤ 680 mm (26'0 $\frac{49}{64}$")	1851–2600 mm (6'0 $\frac{7}{8}$"–(8'6 $\frac{3}{8}$")	≤ 607 mm (23'0 $\frac{57}{64}$")

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

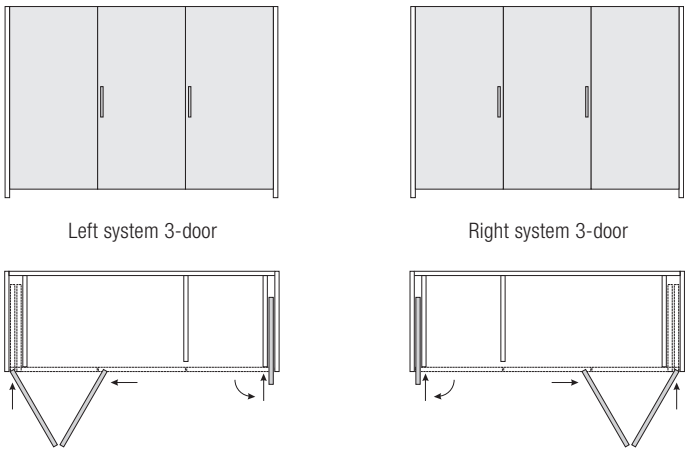
Design options

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, three-door 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.



Left-hand installation | Double installation | Right-hand installation

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



Left system 3-door | Right system 3-door

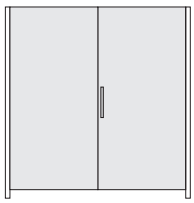
Aesthetics

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

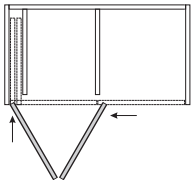
Sheer elegance – outside and in, made possible by the black anodized profiles. These incorporate themselves discreetly into the furniture. For more design freedom in high-quality furniture, without design compromises.

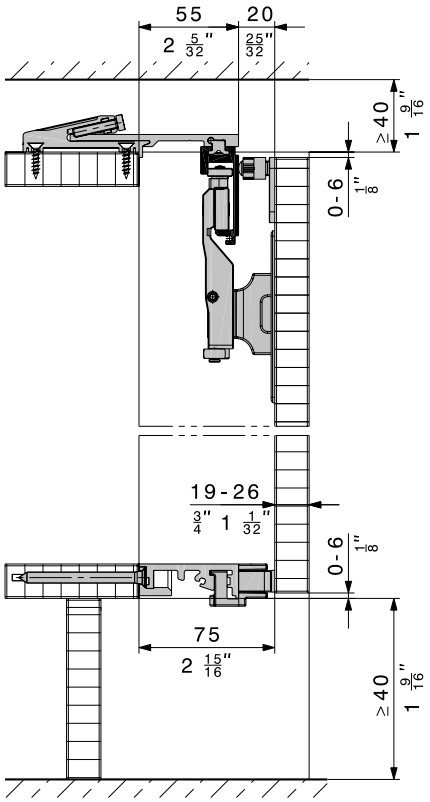
Subject to modification. Metric specifications are exact. Inches are approximate.

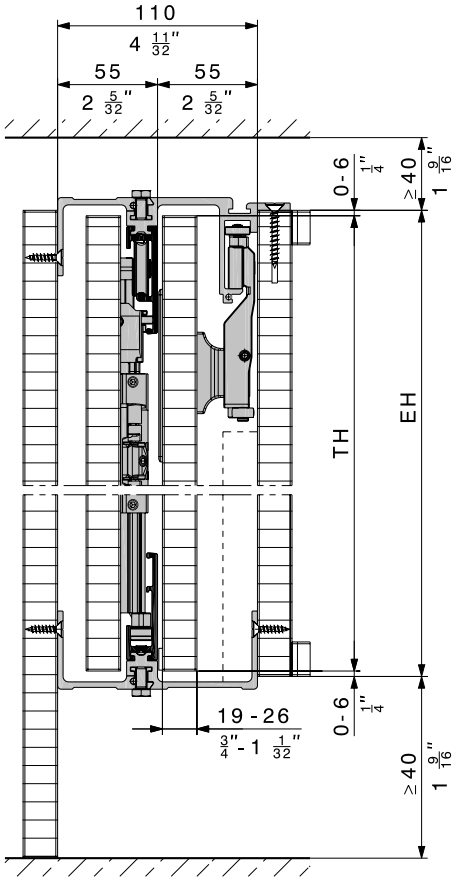
Construction with front-hung cabinet fronts



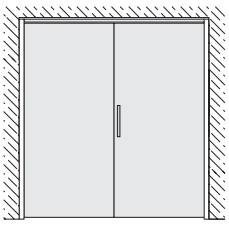
Left-hand installation



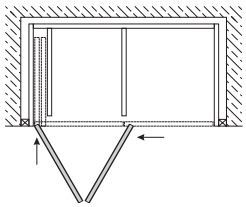


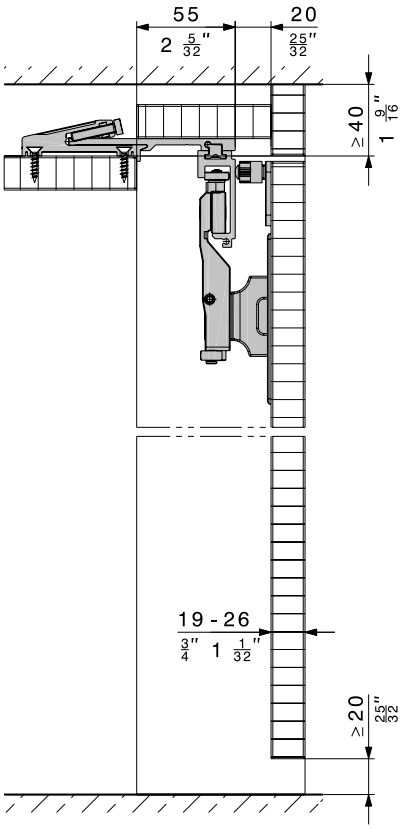


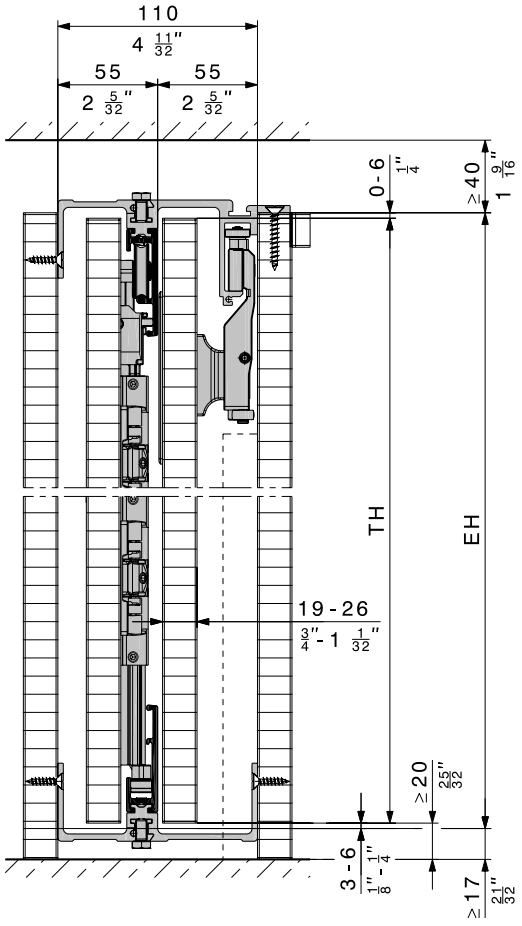
Niche cover without furniture tops



Left-hand installation





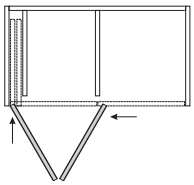


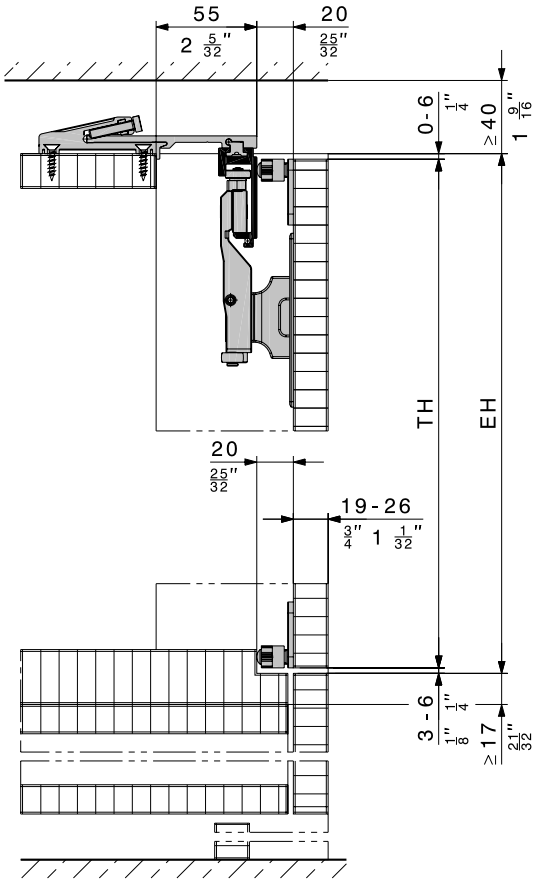
Subject to modification. Metric specifications are exact. Inches are approximate.

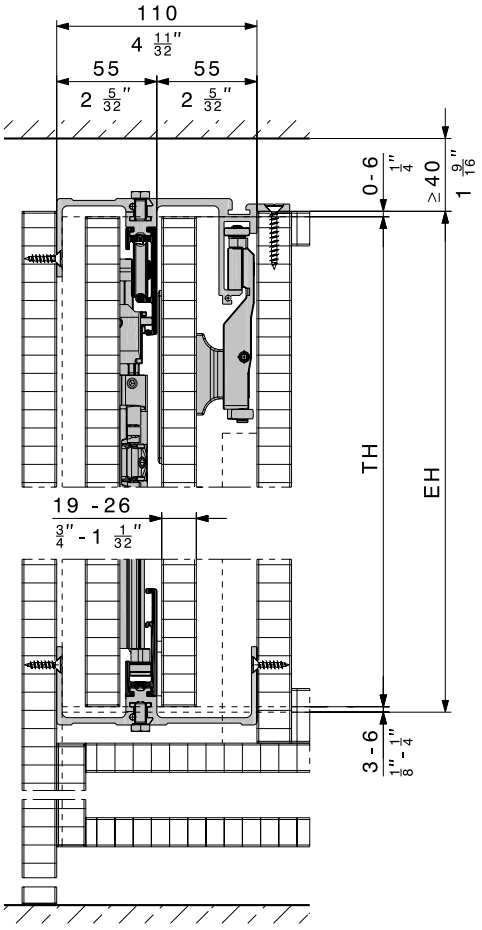
Doors from the worktop to the top edge of the cabinet



Left-hand installation

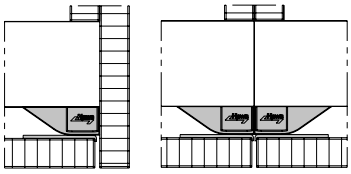




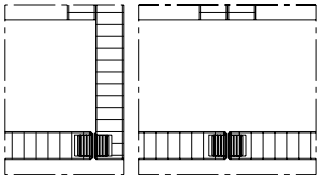


Door connection details

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



Flush door positioning with base profile and liner ramp



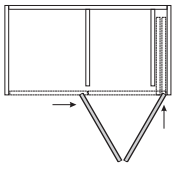
Flush door centering with magnetic centring components

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

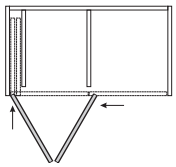
Sets, HAWA-Folding Concepta 25 for one pair of folding doors

	Width	Height	Color	code
HAWA-Folding Concepta 25, mounting: left	1420 mm (4'7 29/32")	1250–1850 (4'1 7/32"– 6'0 27/32")	alu plain anodized	25866
HAWA-Folding Concepta 25, mounting: right	1420 mm (4'7 29/32")	1250–1850 (4'1 7/32"– 6'0 27/32")		25867
HAWA-Folding Concepta 25, mounting: left	1420 mm (4'7 29/32")	1851–2600 (6'0 7/8"– 8'6 3/8")		25868
HAWA-Folding Concepta 25, mounting: right	1420 mm (4'7 29/32")	1851–2600 (6'0 7/8"– 8'6 3/8")		25869
HAWA-Folding Concepta 25, mounting: left	1420 mm (4'7 29/32")	1250–1850 (4'1 7/32"– 6'0 27/32")	alu black anodized	25870
HAWA-Folding Concepta 25, mounting: right	1420 mm (4'7 29/32")	1250–1850 (4'1 7/32"– 6'0 27/32")		25871
HAWA-Folding Concepta 25, mounting: left	1420 mm (4'7 29/32")	1851–2600 (6'0 7/8"– 8'6 3/8")		25872
HAWA-Folding Concepta 25, mounting: right	1420 mm (4'7 29/32")	1851–2600 (6'0 7/8"– 8'6 3/8")		25873

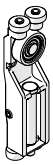
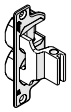
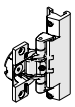
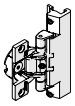
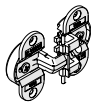
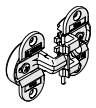
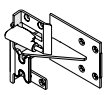
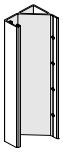
Right-hand installation

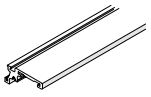
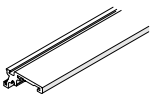
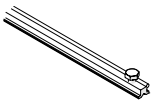
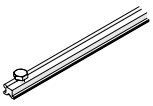
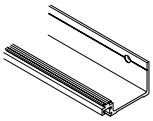
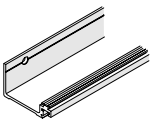
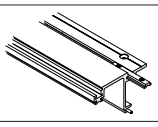
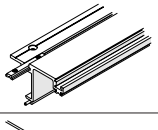
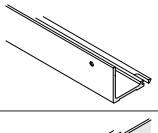
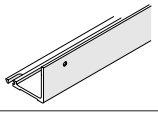


Left-hand installation

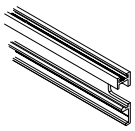
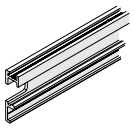
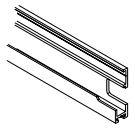
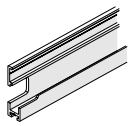
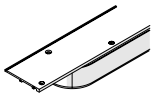
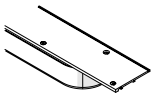
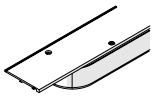
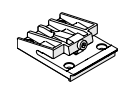
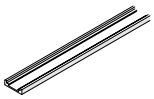
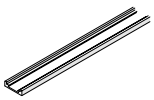
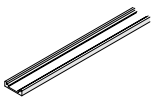
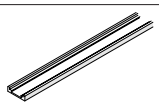


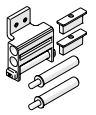
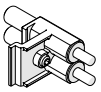
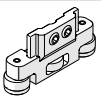
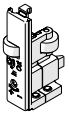
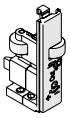
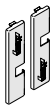
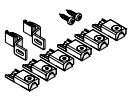
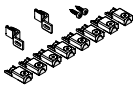
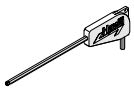
Set comprising

		25866	25867	25868	25869	25870	25871	25872	25873	code
	Scissor action, complete, galvanized steel, 900 mm (2'11 7/16")	1	1	–	–	1	1	–	–	24087
	Scissor action, complete, galvanized steel, 1500 mm (4'11 1/16")	–	–	1	1	–	–	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, spring-loaded, for wooden door, galvanized, 3 pieces	1	1	–	–	1	1	–	–	22778
	Concealed hinge, spring-loaded, galvanized, 4 pieces	–	–	1	1	–	–	1	1	24217
	Concealed centre hinge, dull nickel finish, 3 pieces	1	1	–	–	1	1	–	–	24088
	Concealed centre hinge, dull nickel finish, 4 pieces	–	–	1	1	–	–	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

		25866	25867	25868	25869	25870	25871	25872	25873	code
	Front scissor guide, alu plain anodized	1	1	1	1	1	1	1	1	25592
	Upright, alu plain anodized, 1800 mm (5'10 7/8")	1	1	–	–	1	1	–	–	22055
	Upright, alu plain anodized, 2500 mm (8'2 7/16")	–	–	1	1	–	–	1	1	22056
	Connector connecting profile, alu plain anodized, bottom left / top right, 500 mm (1'7 11/16")	1	1	1	1	1	1	1	1	24170
	Connector connecting profile, alu plain anodized, bottom right / top left, 500 mm (1'7 11/16")	1	1	1	1	1	1	1	1	24171
	Interior connector, alu plain anodized, bottom left, 645 mm (2'1 13/32")	1	–	1	–	1	–	1	–	24021
	Interior connector, alu plain anodized, bottom right, 645 mm (2'1 13/32")	–	1	–	1	–	1	–	1	24022
	Interior connector, alu plain anodized, top left, 645 mm (2'1 13/32")	1	–	1	–	1	–	1	–	24107
	Interior connector, alu plain anodized, top right, 645 mm (2'1 13/32")	–	1	–	1	–	1	–	1	24108
	Exterior connector, alu plain anodized, bottom left / top right, 645 mm (2'1 13/32")	1	1	1	1	1	1	1	1	24027
	Exterior connector, alu plain anodized, bottom right / top left, 645 mm (2'1 13/32")	1	1	1	1	1	1	1	1	24028

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

		25866	25867	25868	25869	25870	25871	25872	25873	code
	Top track left, alu plain anodized, 748 mm (2'5 15/32")	1	–	1	–	1	–	1	–	24744
	Top track right, alu plain anodized, 748 mm (2'5 15/32")	–	1	–	1	–	1	–	1	24745
	Bottom guide channel left, alu plain anodized, 748 mm (2'5 15/32")	1	–	1	–	1	–	1	–	24746
	Bottom guide channel right, alu plain anodized, 748 mm (2'5 15/32")	–	1	–	1	–	1	–	1	24747
	Top track with left-hand curve, alu plain anodized , 1420 mm (4'7 29/32")	1	–	1	–	–	–	–	–	24070
	Top track with right-hand curve, alu plain anodized, 1420 mm (4'7 29/32")	–	1	–	1	–	–	–	–	24071
	Top track with left-hand curve piece, alu black anodized, 1420 mm (4'7 29/32")	–	–	–	–	1	–	1	–	25484
	Top track with right-hand curve piece, alu black anodized, 1420 mm (4'7 29/32")	–	–	–	–	–	1	–	1	25485
	Adapter for top track, plastic, anthracite-grey, 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 5/8")	1	1	–	–	–	–	–	–	23540
	Covering screen for panel clearance, alu plain anodized, 2620 mm (8'7 5/32")	–	–	1	1	–	–	–	–	23541
	Covering screen for panel clearance, alu black anodized, 1870 mm (6'1 5/8")	–	–	–	–	1	1	–	–	25567
	Covering screen for panel clearance, alu black anodized, 2620 mm (8'7 5/32")	–	–	–	–	–	–	1	1	25504

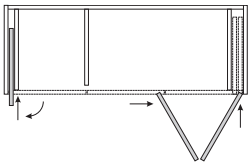
		25866	25867	25868	25869	25870	25871	25872	25873	code
	Soft closing system for end position with cover caps, plastic, black	1	1	1	1	1	1	1	1	25887
	Pivot door damper, plastic, anthracite-grey	1	1	1	1	1	1	1	1	24063
	Upright guide, with zero clearance, with plastic rollers	1	1	1	1	1	1	1	1	25656
	Stop cover cap, depth ajustable, top left / bottom right	1	1	1	1	1	1	1	1	24626
	Stop cover cap, depth ajustable, top right / bottom left	1	1	1	1	1	1	1	1	24627
	Cover plates, stainless steel, 1 pair	1	1	1	1	–	–	–	–	24739
	Cover plates, black, 1 pair	–	–	–	–	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
	Screw set for fitting hardware to cabinet body, 4,5 x 20 mm (3/16" x 25/32"), 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 x 35 mm (7/32" x 1 3/8"), 4 pieces	1	1	1	1	1	1	1	1	24111
	Hex key, 3 mm (1/8"), with handle	1	1	1	1	1	1	1	1	13164

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

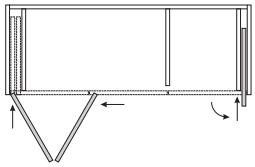
3-door set in combination with HAWA Concepta 25

	Width	Height	Color	code
HAWA-Folding Concepta 25, mounting: left	2120 mm (6'11 15/32")	1851–2600 (6'0 7/8"–8'6 3/8")	alu plain anodized	25874
HAWA-Folding Concepta 25, mounting: right	2120 mm (6'11 15/32")	1851–2600 (6'0 7/8"–8'6 3/8")		25875
HAWA-Folding Concepta 25, mounting: left	2120 mm (6'11 15/32")	1851–2600 (6'0 7/8"–8'6 3/8")	alu black anodized	25876
HAWA-Folding Concepta 25, mounting: right	2120 mm (6'11 15/32")	1851–2600 (6'0 7/8"–8'6 3/8")		25877
For 3-door systems, a HAWA-Concepta 30/40 or 50 set should also be.				

Right-hand installation



Left-hand installation



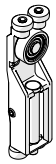
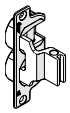
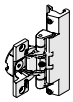
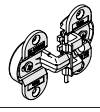
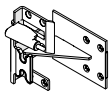
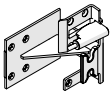
Sets, HAWA-Concepta 25/30

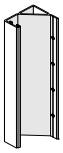
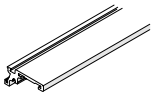
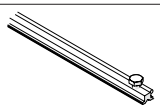
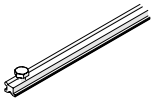
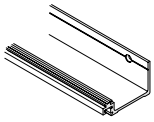
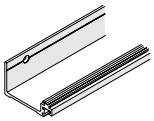
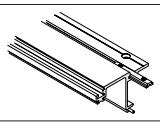
	mm/inch	code
HAWA-Concepta 30, set for 1 door	1851–2300 (6'0 7/8"–7'6 9/16")	25879
Sets contents: → page 42		

Sets, HAWA-Concepta 40/50

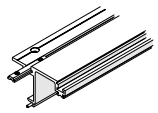
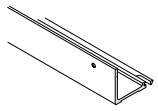
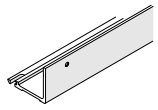
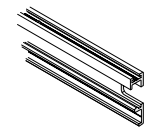
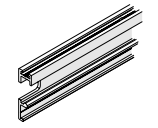
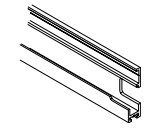
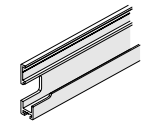
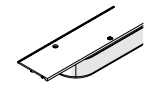
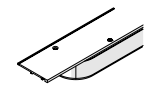
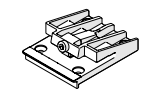
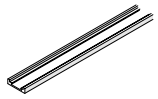
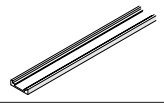
	mm/inch	code
HAWA-Concepta 40, set for 1 door	1851–2500 (6'0 7/8"–8'2 7/16")	25880
HAWA-Concepta 50, set for 1 door	2301–2850 (7'6 19/32"–9'4 7/32")	25881
Sets contents: → page 43		

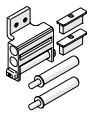
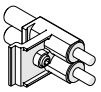
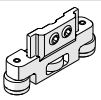
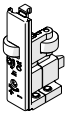
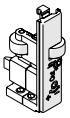
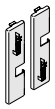
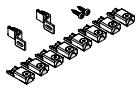
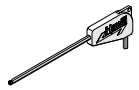
Set comprising

		25874	25875	25876	25877	code
	Scissor action, complete, galvanized steel, 1500 mm (4'11 1/16")	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	24217
	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

		25874	25875	25876	25877	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 7/16")	1	1	1	1	22056
	Connector connecting profile, alu plain anodized, bottom left/top right, 500 mm (1'7 11/16")	1	1	1	1	24170
	Connector connecting profile, alu plain anodized, bottom right/top left, 500 mm (1'7 11/16")	1	1	1	1	24171
	Interior connector, alu plain anodized, bottom left, 645 mm (2'1 13/32")	1	–	1	–	24021
	Interior connector, alu plain anodized, bottom right, 645 mm (2'1 13/32")	–	1	–	1	24022
	Interior connector, alu plain anodized, top left, 645 mm (2'1 13/32")	1	–	1	–	24107

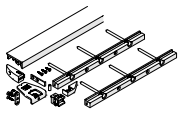
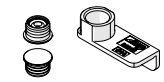
Subject to modification. Metric specifications are exact. Inches are approximate.

		25874	25875	25876	25877	code
	Interior connector, alu plain anodized, top right, 645 mm (2'1 13/32")	–	1	–	1	24108
	Exterior connector, alu plain anodized, bottom left / top right, 645 mm (2'1 13/32")	1	1	1	1	24027
	Exterior connector, alu plain anodized, bottom right / top left, 645 mm (2'1 13/32")	1	1	1	1	24028
	Top track left, alu plain anodized, 748 mm (2'5 15/32")	1	–	1	–	24744
	Top track right, alu plain anodized, 748 mm (2'5 15/32")	–	1	–	1	24745
	Bottom guide channel left, alu plain anodized, 748 mm (2'5 15/32")	1	–	1	–	24746
	Bottom guide channel right, alu plain anodized, 748 mm (2'5 15/32")	–	1	–	1	24747
	Top track with left-hand curve, alu plain anodized, 2120 mm (6'11 15/32")	1	–	–	–	24913
	Top track with right-hand curve, alu plain anodized, 2120 mm (6'11 15/32")	–	1	–	–	24914
	Top track with left-hand curve piece, alu black anodized, 2120 mm (6'11 15/32")	–	–	1	–	25486
	Top track with right-hand curve piece, alu black anodized, 2120 mm (6'11 15/32")	–	–	–	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 5/32")	1	1	–	–	23541
	Covering screen for panel clearance, alu black anodized, 2620 mm (8'7 5/32")	–	–	1	1	25504

		25874	25875	25876	25877	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
	Stop cover cap, depth ajustable, top left / bottom right	1	1	1	1	24626
	Stop cover cap, depth ajustable, top right / bottom left	1	1	1	1	24627
	Cover plates, stainless steel, 1 pair	1	1	–	–	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
	Screw set for fitting hardware to cabinet body, 4,5 x 20 mm (3/16" x 25/32"), 40 pieces	1	1	1	1	24032
	Screw set for concealed hinges, 4 x 16 mm, 28 pieces	1	1	1	1	25936
	Screw set for fitting hardware to cabinet body, 5 x 35 mm (7/32" x 1 3/8"), 4 pieces	1	1	1	1	24111
	Hex key, 3 mm (1/8"), with handle	1	1	1	1	13164

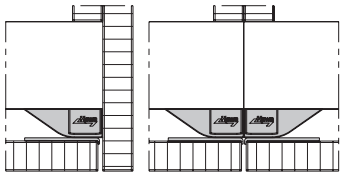
Subject to modification. Metric specifications are exact. Inches are approximate.

Base profile and centering

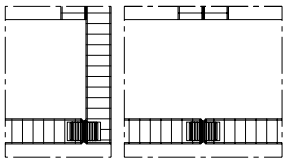
			mm/inch	code
	Base profile complete including cover cap, leading ramp and drilling jig	alu plain anodized	1300 (4'3 3/16")	24004
			2000 (6'6 3/4")	25481
		alu black anodized	1300 (4'3 3/16")	25479
			2000 (6'6 3/4")	25480
	Magnetic centering part, alu plain anodized, including drilling jig			24006

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.

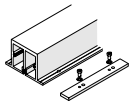
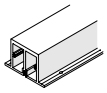


Flush door positioning with base profile and leading ramp



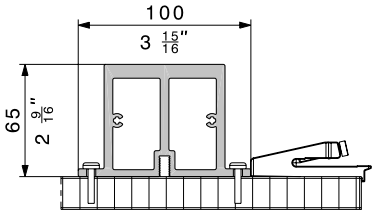
Flush door positioning with magnetic centering parts

Reinforcement profile / Connection plate

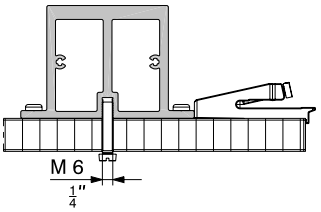
		mm/inch	code
	Reinforcement profile incl. top track connection plate, alu plain anodized, predrilled	2600 (8'6 3/8")	24322
	Reinforcement profile, alu plain anodized, predrilled	cut to size	24281
	Top track connection plate, alu plain anodized, predrilled		24321

Reinforcement profile / Connection plate

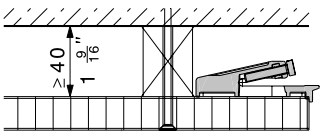
Thanks to the optionally available profile for reinforcing the cabinet top, three and four door systems without separating walls can be realized.



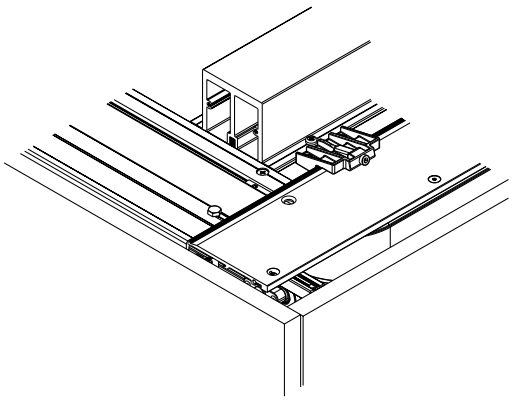
Profile, pre assembled

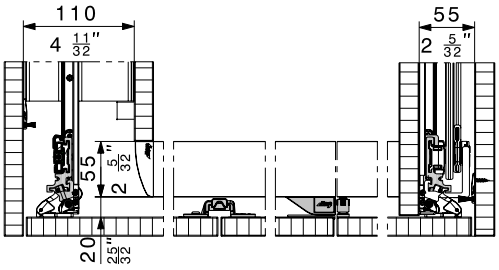


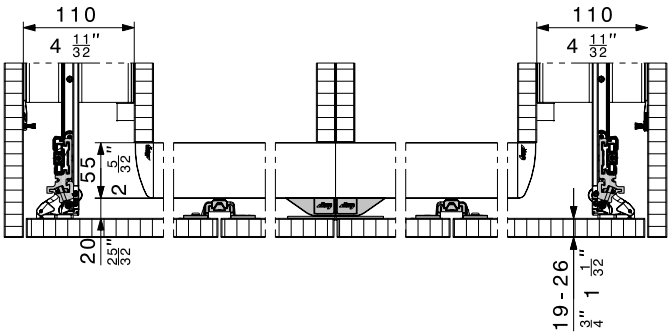
Profile can be fitted retrospectively from below



Custom solution







Three-door cabinet fronts

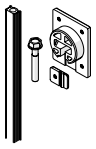
The sets with 2120 mm long running tracks make it possible to combine HAWA-Folding Concepta and HAWA-Concepta. This means that nothing stands in the way of 3-door systems without separating walls.

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.

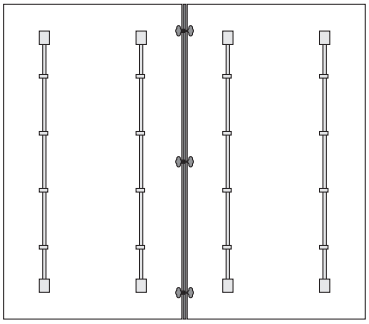
Subject to modification. Metric specifications are exact. Inches are approximate.

Aligner – Set for 1 wooden door

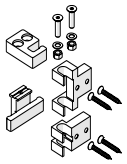
		code
	Aligner for stabilisation of wooden sliding door, set of 2 pieces	18705
• for door thicknesses of 16 – 28 mm ($\frac{5}{8}$"–1$\frac{1}{8}$") • for door hights up to 2600 mm (8'6 $\frac{3}{8}$") (not suitable for solid hardwood)		

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.

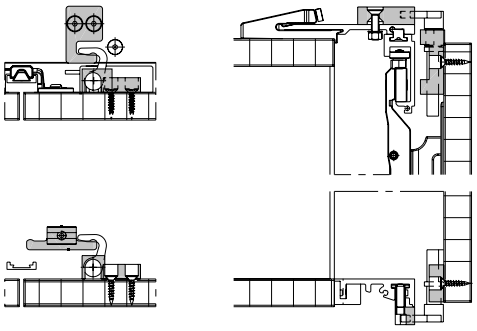


Lock catch for espagnolette lock TERZA

		code
	Lock catch and bracket for espagnolette lock TERZA, 2 pieces for 1 pair of folding doors	24005
• For cabinet designs without a ceiling connection • Lock catch for espagnolette lock TERZA 3017 to be ordered by the building owner. (www.heusser-schloss.ch)		

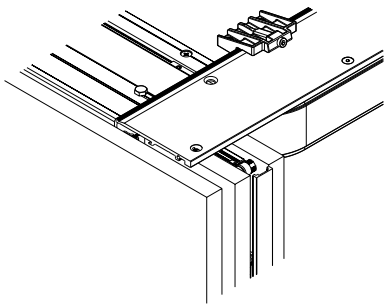
Lock catch for espagnolette lock

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



Assembly simplification features

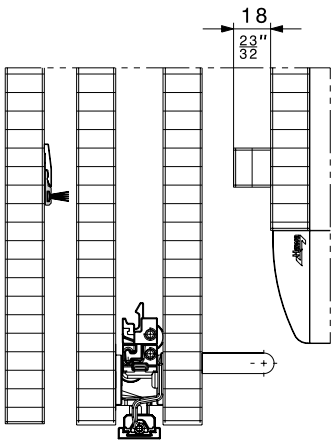
The corpus and side connection profiles included in the HAWA-Folding Concepta 25 set make it easier to design cabinet bodies with overlaying cabinet fronts.
The top track and base profile also make for easier installation as they are fitted to the cabinet corpus from the front. They can also be fitted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



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

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

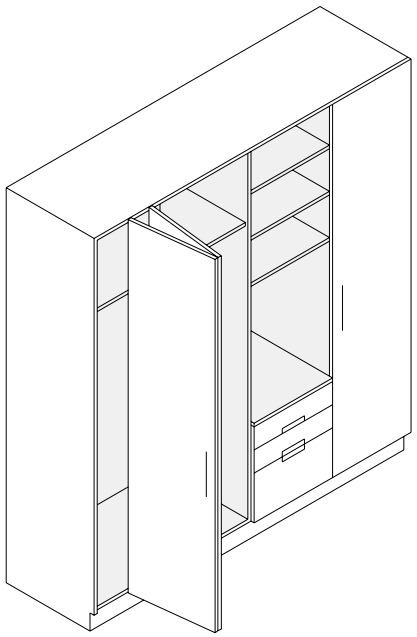
Optional order specifications

- 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 25739.
(→ www.hawa.ch → HAWA-Productfinder)

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



Furniture hardware system for sliding folding cabinet/wardrobe doors which can be freely moved to and fro. Panel weight up to 30 kg (66 lbs).

Description

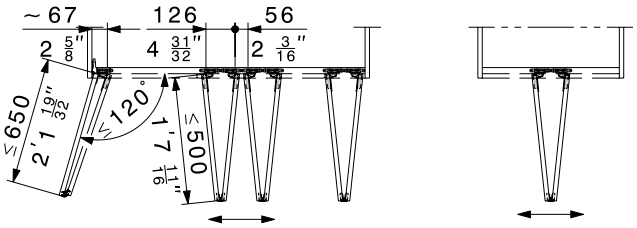
With the HAWA-Multifold 30, two cabinet/wardrobe doors can be folded as panel pairs and moved to and fro. The number of panel pairs is not limited. Several pairs of panels can be joined using an adapter. Cabinet designs can incorporate inlaying, semi-overlaying and overlaying cabinet doors. The side 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.

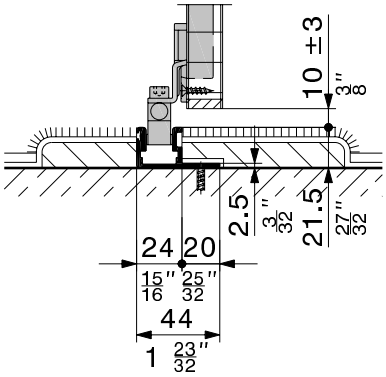
Features of the HAWA-Multifold 30

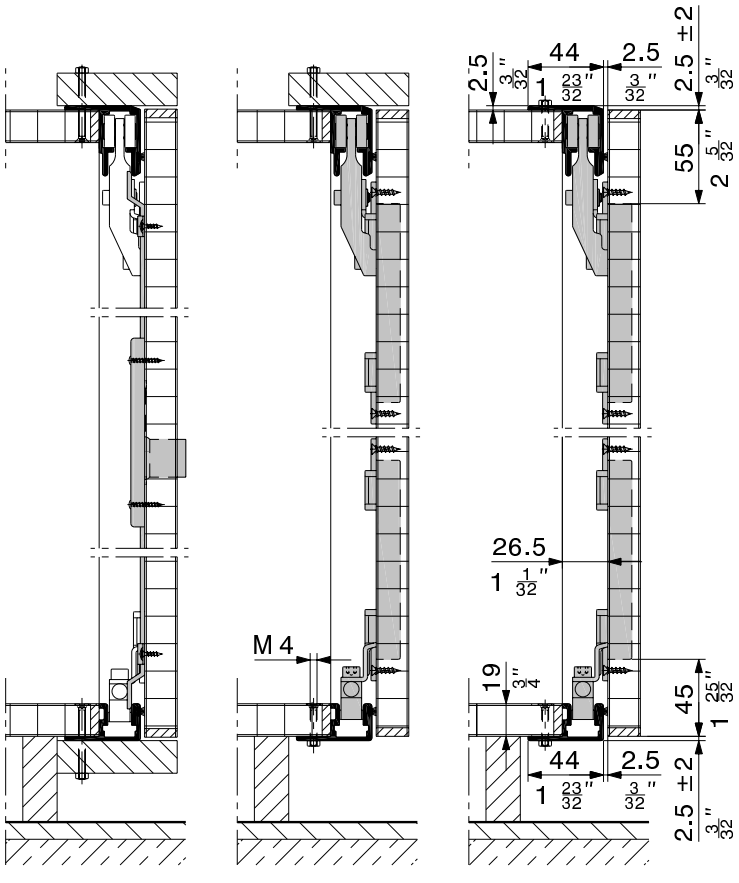
- Maximum panel weight 30 kg (66 lbs.), panel pair 60 kg (132 lbs.)
- Maximum panel heights 2600 mm (8'6 3/8")
- Panel widths – free slideable, 200–500 mm (7 7/8"–1'7 11/16")
- Panel widths – side hinged, 200–650 mm (7 7/8"–2'1 19/32")
- Panel thicknesses 19–25 mm (3/4"–63/64")
- Vertical groove width 3–5 mm (1/8"–13/64")
- Vertical adjustment ± 2 mm (3/32")



Walk-in cabinet

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

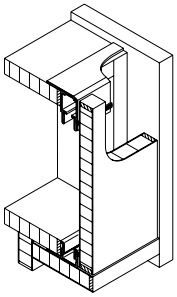




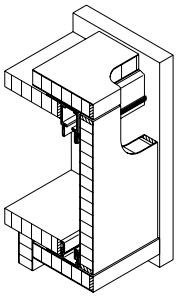
Inlaying doors | Semi-overlaying doors | Overlaying doors

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

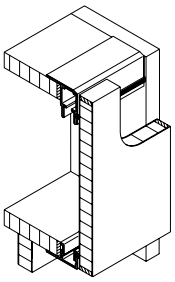
Cabinet design versions



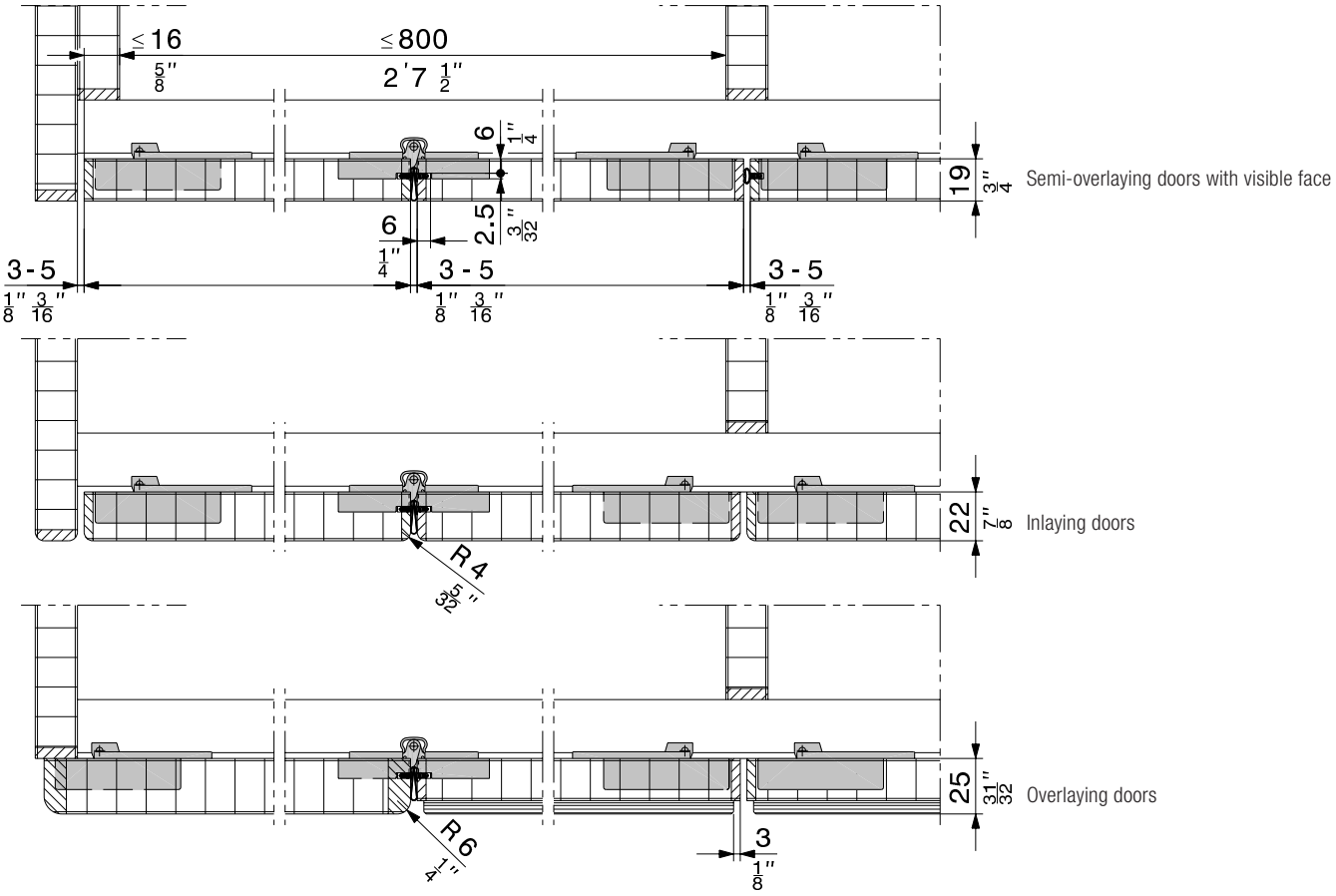
Semi-overlaying with visible face

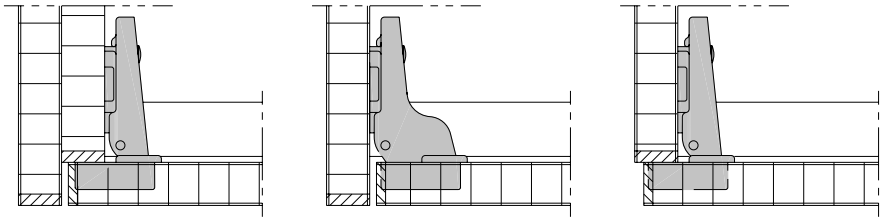


Inlaying



Overlaying





Side attachment

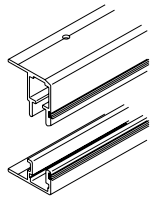
For side attachment, standard 110° concealed hinges with springs can be used.

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

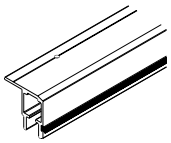
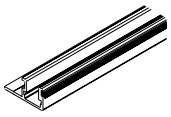
Sets without profile set

		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
	«Central type» set	500 mm (1'7 11/16")	2	15039
	«Sidefit type» set, without concealed hinges (for left and right-hand use)	650 mm (2'1 19/32")	2	15040

Profile sets

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

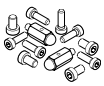
Profile set comprising

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

Vertical seal profiles, styrene-butadiene rubber (SBR)

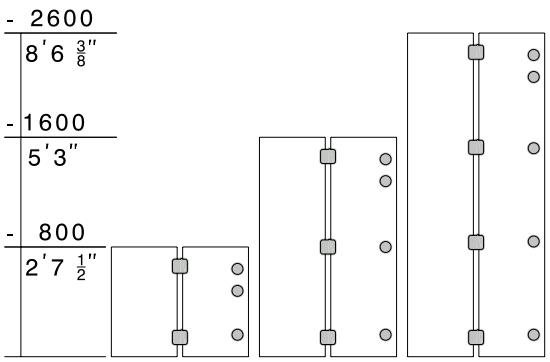
			code
	Seal profile, white, similar RAL 9010	5-m roll (16'4 27/32")	15227
	Seal profile, black, similar RAL 9011	5-m roll (16'4 27/32")	15224

Set comprising

			15037	15276	15039	15040	code
	Trolley with 2 plastic tyred wheels and 2 guide rollers		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
	Roller-guide set, 2 overlaying doors		–	–	–	1	18570
	Set of countersunk head press. screws, 4 x 16 mm (5/32" x 5/8")	12 pieces	–	–	–	1	15035
		24 pieces	1	1	1	–	14908
	Set of fixing screws	to 15037	1	–	–	–	15031
		to 15276	–	1	–	–	15277
		to 15039	–	–	1	–	15110
		to 15040	–	–	–	1	15036
	Spring-concealed centre hinge, with fixing screws		3	3	3	–	14904
	Centre hinge, with fixing screws		–	–	–	3	15041
	Door catch, plastic black, with fixing screws		1	1	1	1	15033
	Retaining bumper on top		2	1	–	1	14960
	Stop bumper, at the bottom		2	1	–	1	14957

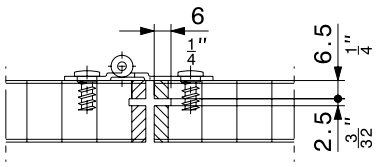
Subject to modification. Metric specifications are exact. Inches are approximate.

Arrangement and number of hinges

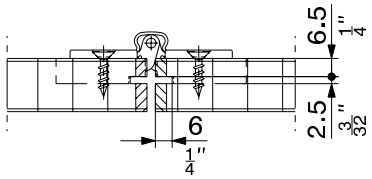


On the outer side commercially available concealed spring-loades hinges for inset doors, ≥ 110°, may be used

Grooves for vertical sealing profile

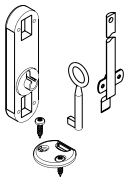
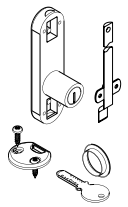
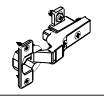
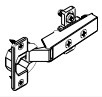
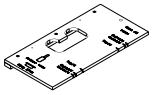


Hinged to side version



Not hinged to side version

Accessories

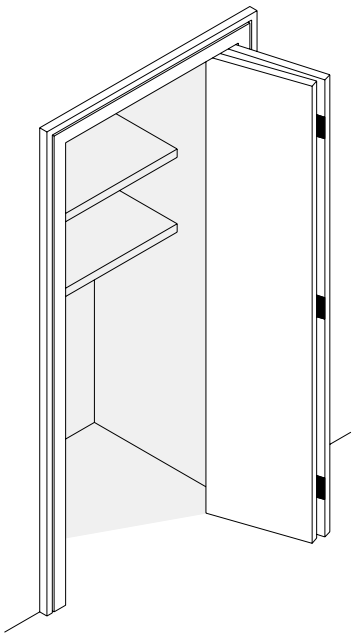
			code
	Folding panel connecting elements for two pairs of folding sliding doors (2-piece set)		14933
	Panel surface equalizer, plastic black (2-piece set)		14906
	Furniture bar bolt lock, 27/110/8 mm (1 1/16"/4 21/64"/5/16"), nickel finish, with 1 EURO key, 2 half-round rods, 1500 mm (4'11 1/16") strike plates (simultaneous locking)	left	20875
		right	20876
	Furniture bar bolt lock, 27/110/8 mm (1 1/16"/4 21/64"/5/16"), nickel finish, with Kaba-8-cylinder (length 25 mm [63/64"]) 1 press-fit sleeve, 2 keys, 2 half-round rods, 1500 mm (4'11 1/16"), rod guides and strike plates (separate locking)	left	20873
		right	20874
	Concealed hinge, dull nickel finish, 110° (inset panels)		14528
	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)



Hardware system for walk-in cabinet, hinged on one side, without floor guide, up to 30 kg (66 lbs.). (inlay or overlay)

Description

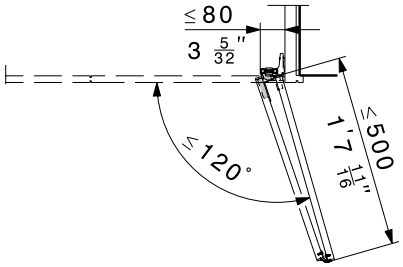
The HAWA-Multifold 30/W is a supplement to the HAWA-Multifold 30 with inlaying or full overleay sliding cabinet doors. It is attached on one side with concealed hinges and does not need a bottom guide. The hardware can be used for sliding to the left and right.

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.

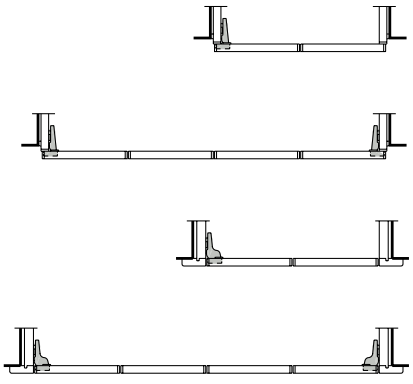
Features of the HAWA-Multifold 30/W

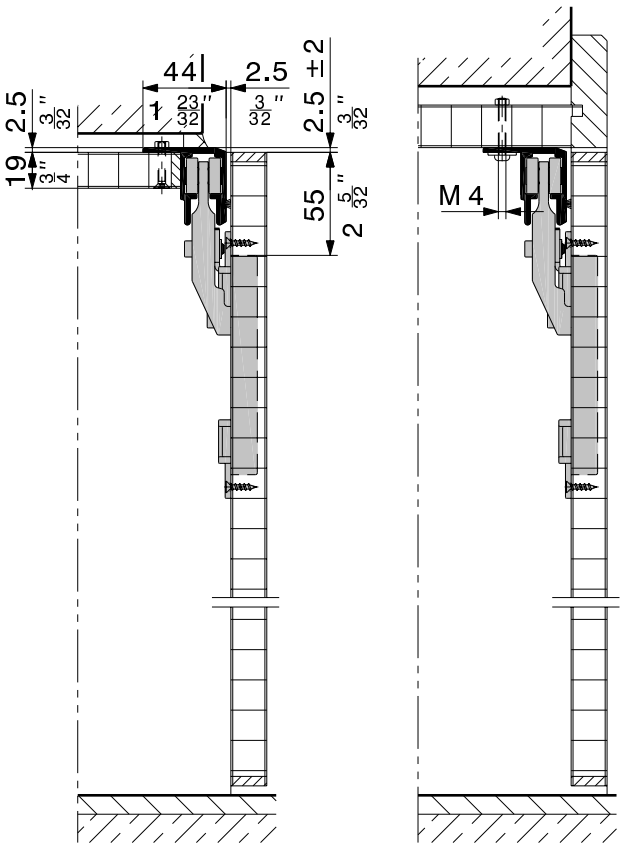
- Maximum panel weight 30kg (66 lbs.) per panel pair 60 kg (132 lbs.)
- Maximum panel heights 2600 mm (8'6 3/8")
- Panel widths 200–500 mm (7 7/8"–1'7 11/16")
- Panel thicknesses 19–25 mm (3/4"–63/64")
- Vertical groove width 3–5 mm (1/8"–13/64")
- Vertical adjustement ± 2 mm (3/32")



Construction

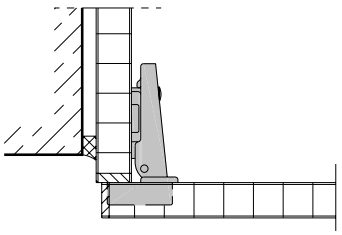
Designs incorporating inlaying and overlaying doors are possible.

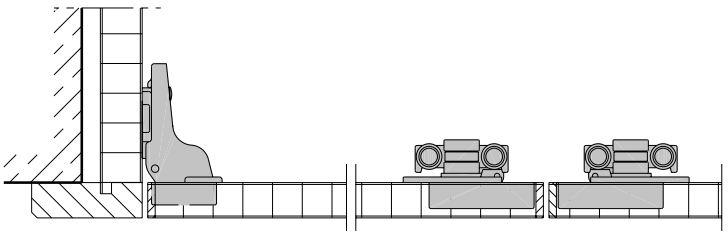




Overlaying doors

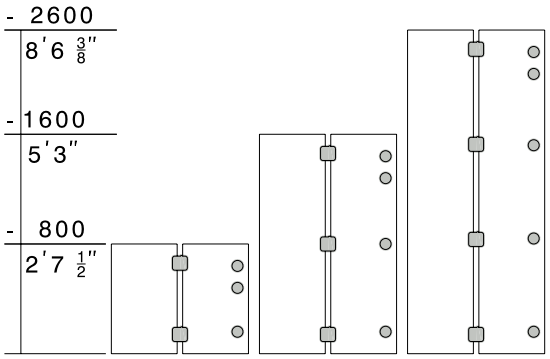
Inlaying doors





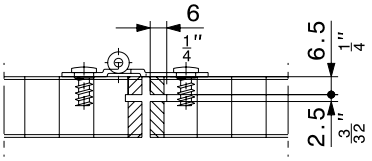
Subject to modification. Metric specifications are exact. Inches are approximate.

Arrangement and number of hinges



On the outer side commercially available concealed spring-loades hinges for inset doors, ≤ 120°, may be used

Vertical sealing profile

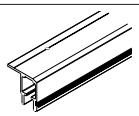


Grooves for vertical sealing profile

Sets

	panel	code
HAWA-Multifold 30/W, Set for «walk-in cabinet», **with** top track	2	15569
HAWA-Multifold 30/W, Set for «walk-in cabinet», **without** top track	2	18286

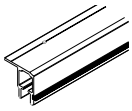
Set comprising

Caution: Hole positions 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 (5/32" x 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
	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 5/16"), alu plain anodized, predrilled, with brush seal	1	–	15014

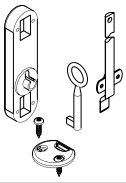
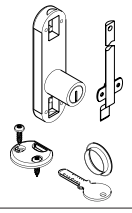
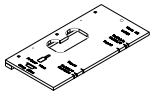
Vertical profiles, styrene-butadiene rubber (SBR)

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

Top tracks

Caution: Hole positions vary		mm/inch	code
	Top track, alu plain anodized, predrilled, with brush seal	1100 (3'7 5/16")	15014
		1800 (5'10 7/8")	15015
		2500 (8'2 7/16")	15016
		6000 (19'8 7/32")	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 1/16"/4 21/64"/5/16"), nickel finish, with 1 EURO key, 2 half-round rods, 1500 mm (4'11 1/16") strike plates (simultaneous locking)	left	20875
		right	20876
	Furniture bar bolt lock, 27/110/8 mm (1 1/16"/4 21/64"/5/16"), nickel finish, with Kaba-8-cylinder (length 25 mm [63/64"]) 1 press-fit sleeve, 2 keys, 2 half-round rods, 1500 mm (4'11 1/16"), rod guides and strike plates (separate locking)	left	20873
		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

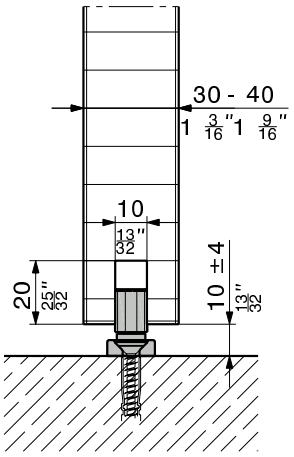
Please use for planning and execution the installation instructions code 15567. Each set contains installation instructions.
(→ www.hawa.ch → HAWA-Productfinder)

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

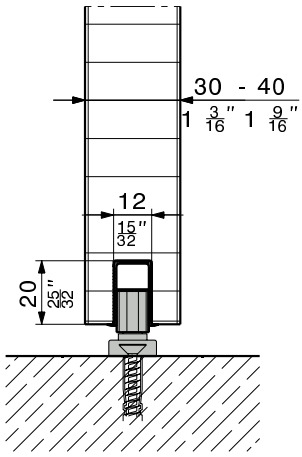
Bottom guides

Description

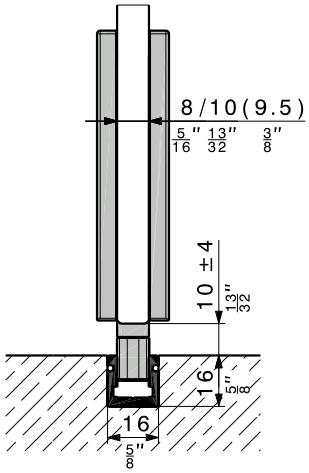
Additional guide variants for HAWA-Ordena 70 and other systems.



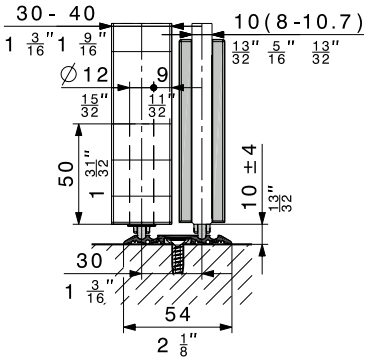
code 14283



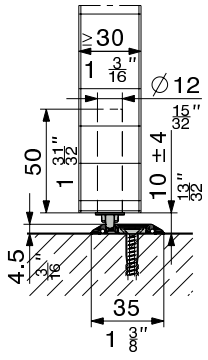
code 14283
code 14540



code 20505
code 18477
code 18652
code 19136

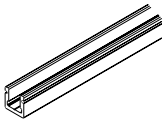
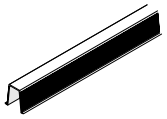
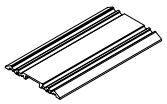
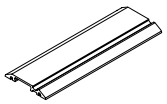


code 18946
code 19162
code 19150
code 19155



code 19350
code 19162
code 19150
code 19155

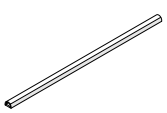
Bottom guide channel / bottom guide profile

Caution: Hole positions vary		mm/inch	code
	Bottom guide channel, alu plain anodized, predrilled, 16 x 16 x 3 mm (5/8" x 5/8" x 1/8")	3500 (11'5 13/16")	18864
		6000 (19'8 7/32")	18216
		cut to size	18477
	Guide profile plastic, black, groove mounted 20 x 12 mm (25/32" x 15/32"), set of 10 pieces	1300 (4'3 3/16")	14540
	Dual bottom guide profile, alu plain anodized	2500 (8'2 7/16")	18944
		3500 (11'5 13/16")	18945
		6000 (19'8 7/32")	18824
		cut to size	18946
	Single bottom guide profile, alu plain anodized	2500 (8'2 7/16")	19348
		3500 (11'5 13/16")	19349
		6000 (19'8 7/32")	18956
		cut to size	19350
	Set of fixing parts for bottom guide profiles, 5 pieces (2 pieces per metre)		19162

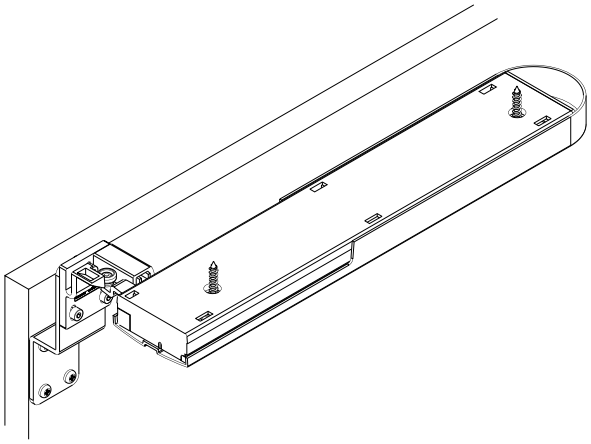
Floor guides

		code
	Single floor guide, screw mounting, rattle proof, for wooden doors	14283
	Spring loaded floor guide, for 1 glass sliding door ESG[1]/VSG[2] (2 pieces)	20587
	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 (5/16"/13/32") glass thickness, black, glass distance 4 mm (5/32")	5 m (16'4 27/32")	19442
		10 m (32'9 23/32")	19443
		50 m (164' 1/2")	19444
	Rubber profile self-adhesive, for 8/10 mm (5/16"/13/32") glass thickness, translucent, glass distance 4 mm (5/32")	5 m (16'4 27/32")	19445
		10 m (32'9 23/32")	19446
		50 m (164' 1/2")	19447
	End stopper for alu bottom guide channel, 16 x 16 mm (5/8" x 5/8")		18652
	Patch suspension with glass holder insert, ESG[1]/VSG[2]		20505
	Centering assembly, grey, for all glass sliding doors		18619
Cover plates: → HAWA-Ordena 70			

[1]ESG: fully tempered monolithic glass [2]VSG: fully tempered laminated glass



Soft closing system for furniture doors

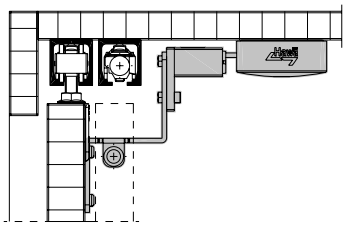
Description

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.

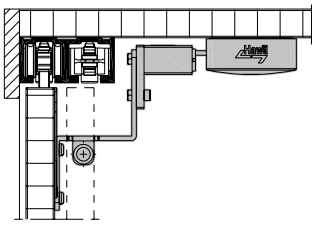
Features of the soft closing system for furniture doors

- 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

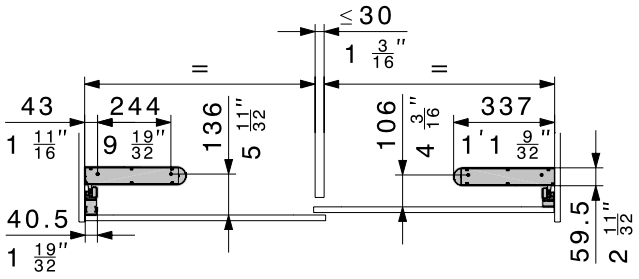
Suitable for



HAWA-Dorado 40/IS
HAWA-Dorado 40/MS



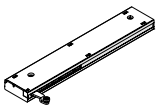
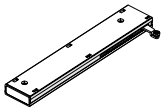
HAWA-208 40-70/IS
HAWA-209 40-70/MS



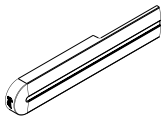
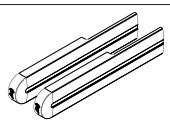
Soft closing system

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

Set comprising

		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
	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 system for furniture doors, dull chromium finish	1	20810
		2	21097

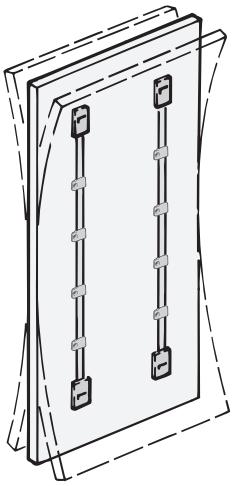
Order specifications

- 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)

Application



Aligner for stabilisation of sliding doors

Description

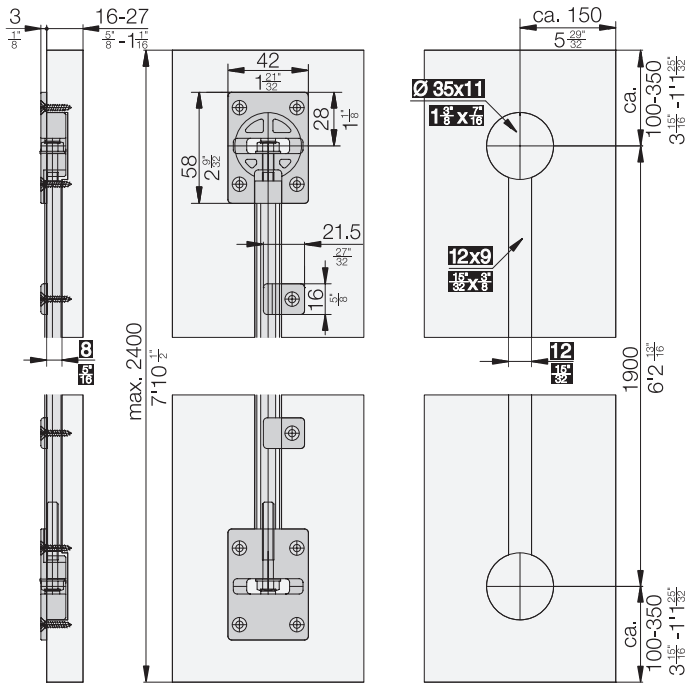
The aligner provides a simple way to avoid flexure in sliding door panels. We recommend mounting at least two per panel. Aligners may be cut to length where necessary.

Features of the Aligner

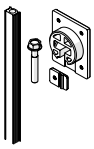
- Door thickness 16–28 mm ($\frac{5}{8}$"–1$\frac{1}{8}$")
- Maximum door hight 2600 mm (8'6$\frac{3}{8}$")
- Pre-mounted hexagon screw in fastening strip
- Not suitable for solid hardwood

Mounting examples

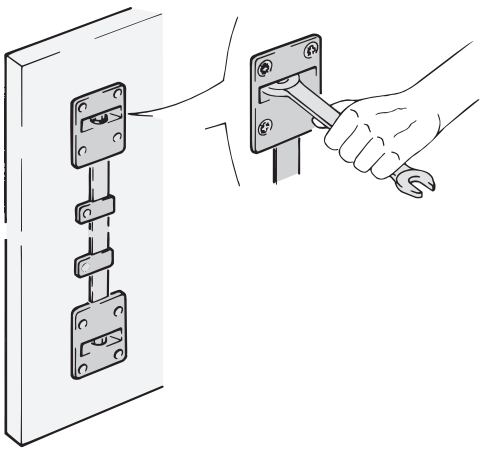
Ø 35x11 = Door machining



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.

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

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.

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.

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.**

Hawa SWISS

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HAWA-Productfinder

The HAWA-Productfinder offers not only prompt assistance when searching for the best sliding solution but also an abundance of other information. Downloading brochures, photos, assembly instructions and drawings from the integrated and extensive Download Zone could not be more convenient.

Full information

Documents
- Order information
- Planning & installation
- Calculation aid
- Certificates
- Prospectus
- Tender invitation texts

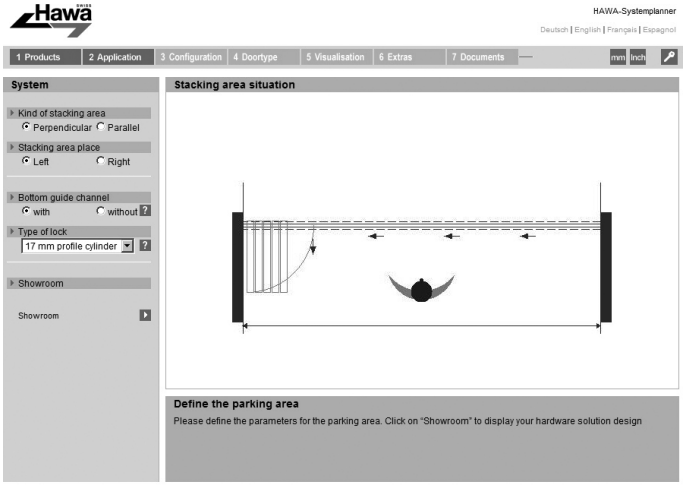
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HAWA-Systemplanner

Use the HAWA-Systemplanner to put sliding solutions together and automatically visualise them. You can generate CAD drawings, bills of materials and processing lists per mouse-click.



Global Support

Do you have specific questions, concerns, requests or ideas in connection with our products or services? You can find your contact partner's coordinates under Support – Global Support.



Subject to modification. Metric specifications are exact. Inches are approximate. 15282/01.2018/english © 1998 Hawa Sliding Solutions AG

Further information:

Hawa Sliding Solutions AG
8932 Mettmenstetten
Switzerland
Tel. +41 44 787 17 17
Fax +41 44 787 17 18
www.hawa.ch