Sliding – Folding – Stacking

Architectural hardware wood



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

Furniture hardware

- Sliding cabinet/wardrobe doors
- Side stacking cabinet/wardrobe doors
- Pivot sliding furniture doors
- Folding cabinet/wardrobe doors, panels can be moved freely to and fro
- Folding cabinet/wardrobe doors

Catalogue order no: 15282

Hardware for folding and sliding shutters

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

Catalogue order no: 20896

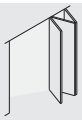
Hawa – a worldwide name for

Quality, Support and Service

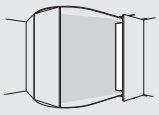
Pages 6–39
Sliding doors



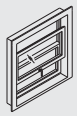
Pages 40–51
Folding-/Centre fold “Accordion” walls



Pages 52–63
Wood sliding partitions



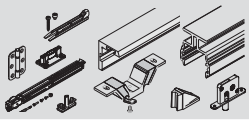
Pages 64–65
Windows



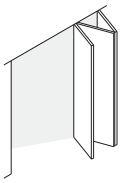
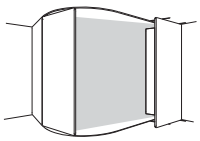
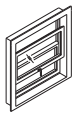
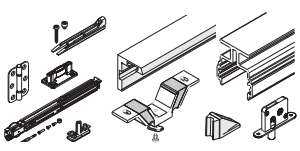
Pages 66–67
Transport system



Pages 68–85
Accessories

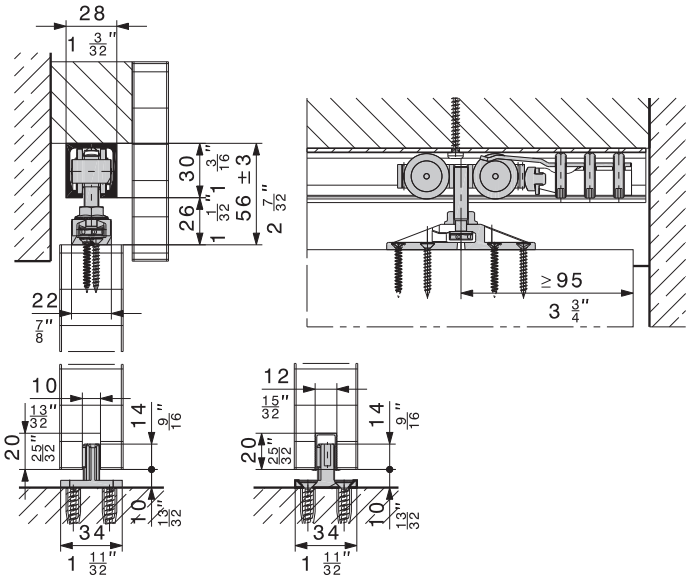


Pages 88–90
General Terms and Conditions (GTC)
Always up-to-date – www.hawa.ch

	Recommended applications in:			For external use		Curved installations	Mode of fixing	
	Residential buildings	Public buildings	Industrial buildings	Non coastal areas	Coastal areas	Minimum radius mm/inch	Wall fitting	Ceiling fitting
Sliding doors 	●	●		❶				●
	●	●		❶			●	●
	●	●	●	❶				●
	●	●	●	❶			●	●
	●	●	●	❶				●
	●	❶		❶				●
	●	❶	●	❶				●
	●	●	●	❶				●
	●	●	●	❶			●	●
	●	●	●	❶				●
	●	●	●	❶				●
	●	●	●	❶				●
	●	●	●	❶				●
	●	❶		❶				●
	●	●						●
	●	●	●	❶				●
	●	❶				500 (1'7 11/16")	●	●
	●	●	●	❶		4000 (13'1 1/2")	●	●
	●	●	●	❶				●
Folding-/Centre fold "Accordion" 	●	●	❶	❶				●
	●	●	❶	❶				●
	●	●	●					●
	●	●		❶				●
Wood sliding partitions 	●	❶		●	❶	2000 (6'6 3/4")		●
	●	●	❶	❶		4000 (13'1 1/2")		●
Windows 	●	●	❶	●	❶			
Transport system 	●	●	●			500 (1'7 11/16")		●
Accessories 	●	●	●				●	●
	●	●	●					●
	●	●	●	❶				●
	●	●	●	❶				●
	●	●	●	●			●	
	●	●	●	❶				●
	●	❶						
Miscellaneous								

❶ possible under certain conditions

	Track noise levels		www.hawa.ch					
Integration in concrete ceilings with HAWA-Adapto	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-Junior 40/Z		40 kg	88 lbs.	6
	●		●	●	HAWA-Junior 40/B		40 kg	88 lbs.	7
	●		●	●	HAWA-Junior 80/Z		80 kg	176 lbs.	8
●	●		●	●	HAWA-Junior 80/B (mod.)	NEW	80 kg	176 lbs.	10
	●		●		HAWA-Junior 80/B Pocket	NEW	80 kg	176 lbs.	14
	●		●	●	HAWA-Telescopic 80/2–80/3–40/4		40/80 kg	88/176 lbs.	18
	●		●	●	HAWA-Symmetric 80/Z		80 kg	176 lbs.	20
	●		●	●	HAWA-Junior 120/A		120 kg	264 lbs.	22
●	●		●	●	HAWA-Junior 120/B		120 kg	264 lbs.	23
	●		●	●	HAWA-Junior 160/A		160 kg	352 lbs.	24
	●		●	●	HAWA-Junior 160/B		160 kg	352 lbs.	25
	●		●	●	HAWA-Junior 250/A		250 kg	550 lbs.	26
	●		●	●	HAWA-Junior 250/B		250 kg	550 lbs.	27
	●		●		HAWA-Ordena 70/P		70 kg	154 lbs.	28
	●		●		HAWA-Ordena 70/F		70 kg	154 lbs.	32
	●		●		HAWA-Silenta 150/B		150 kg	330 lbs.	36
	●		●		HAWA-Media 70		70 kg	154 lbs.	37
		●	●		HAWA-Super 500/A		500 kg	1100 lbs.	38
		●	●		HAWA-Super 500/B		500 kg	1100 lbs.	39
	●		●	●	HAWA-Variofold 80/H		80 kg	176 lbs.	40
	●		●	●	HAWA-Centerfold 80/H		80 kg	176 lbs.	44
		●	●		HAWA 20-c Folding Wall 120		120 kg	264 lbs.	48
	●				HAWA-Bifold 30		30 kg	66 lbs.	50
	●		●	●	HAWA-Aperto 60/H		60 kg	132 lbs.	52
	●		●	●	HAWA-Variotec 150/H		150 kg	330 lbs.	58
	●		●		HAWA-Vertical 150/3, 150/5		150 kg	330 lbs.	64
	●		●		HAWA-Varioflex 40/TS		40 kg	88 lbs.	66
●			●		SoftMove for HAWA-Junior 40/80/120	NEW	40/80/120 kg	88/176/264 lbs.	68
			●		Assembly set HAWA-Junior 40/80/120	NEW	40/80/120 kg	88/176/264 lbs.	70
			●		HAWA-Adapto 80-120		80/120 kg	176/264 lbs.	72
●			●		Running track fastening to HAWA-Junior 40/80/120		40/80/120 kg	88/176/264 lbs.	74
					Side-fixing angled profile		40/80/120 kg	88/176/264 lbs.	72
			●		HAWA-SoundEx		40/80/120 kg	88/176/264 lbs.	76
					HAWA-Assembly wedge				77
					Bottom guides, Locks				78
					HAWA-Silent-Stop, -Bar bolt lock, -Doorfix				82
					Hinges, Profiles				84
					General Terms and Conditions (GTC)				88
					Always up-to-date – www.hawa.ch				90



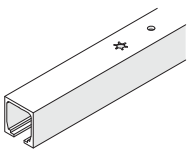
Set for single door, without running track

	code
HAWA-Junior 40/Z	25902
HAWA-Junior 40/Z, with 2 track stops	26038
For two-panel sliding doors please order two sets for single doors.	

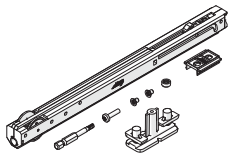
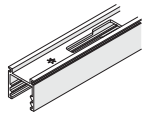
Set comprising

		25902	26038	code
	Two-wheeled trolley, M8, with plastic wheels	2	2	25898
	Two-way suspension plate, with hanger bolt M8 and fixing screws	2	2	10488
	Track stop, adjustable retaining force	1	2	10640
	Screw-on rubber door stop	1	1	10629
	Guide, rattle proof, for screw mounting to floor, groove width 10 mm (13/32"), black plastic	1	1	14427
	Vertical adjustment pin	1	1	10795

Running tracks

Caution: Hole positions vary		mm/inch	code
	Running track, alu plain anodized, predrilled	1400 (4'7 1/8")	10213
		1600 (5'3")	10214
		1800 (5'10 7/8")	10215
		2000 (6'6 3/4")	10216
		2500 (8'2 7/16")	25997
		3000 (9'10 1/8")	18530
		4000 (13'1 1/2")	18531
		6000 (19'8 7/32")	10211
		cut to size	10217

SoftMove 40 soft closing mechanism for Hawa-Junior 40

		code
	SoftMove 40 soft closing mechanism for Hawa-Junior 40 (details: → page 66)	25987
	Set for mountable and demountable running track to HAWA-Junior 40 (details: → page 68 – 69)	

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

Description

The HAWA-Junior 40/Z is a highly reliable hardware system with two-way suspension for wooden sliding doors with a maximum panel weight of 40 kg (88 lbs.). The two-way suspension permits the sliding doors to be suspended or taken off in two different ways.

Features of the HAWA-Junior 40/Z

- Two-way suspension
- Light and silent action
- Adjustable vertically [3 mm (1/8")] and laterally
- Track stop, adjustable retaining force
- combinable with SoftMove 40 soft closing mechanism for Hawa-Junior 40
- can be combined with assembly set for HAWA-Junior 40 for wall pocket solutions
- with wall pocket solutions use bottom guide 25369

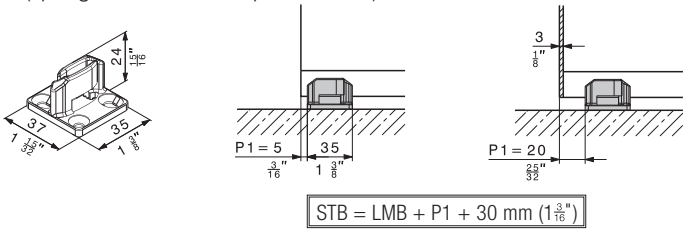
Accessories

Caution: Minor differences in colour are possible			code
	Guide profile, plastic black, 1300 mm (4'3 3/16"), groove mounted, set of 10 pieces		14540
	Cover cap for running track, plastic anthracite-grey RAL 7016		20901
	Bottom door stop with centering assembly	dull chromium finish	20773
		stainless steel effect	21473
	Guide, rattle proof, for screw mounting to floor, groove width 10 mm (13/32"), black plastic		25369
	Spring-loaded door stop for door weight up to 40 kg (88 lbs.) integrated in HAWA-Junior 40 running track		27200
	Two-wheeled trolley, M8, with plastic wheels, set of 10 pieces		25963
	Two-way suspension plate, with hanger bolt M8 and fixing screws, set of 10 pieces		25954
	Track stop, adjustable retaining force, set of 10 pieces		25957
	Guide, rattle proof, for screw mounting to floor, groove width 10 mm (13/32"), black plastic, set of 10 pieces		25958
Further accessories: → pages 68–83			

Rattle proof floor guide for wall pocket

The rattle-proof floor guide [groove width 10 mm (13/32") is now 35 mm (1 3/8") long and laterally adjustable. It enables the door to be pushed into a finished wall pocket.

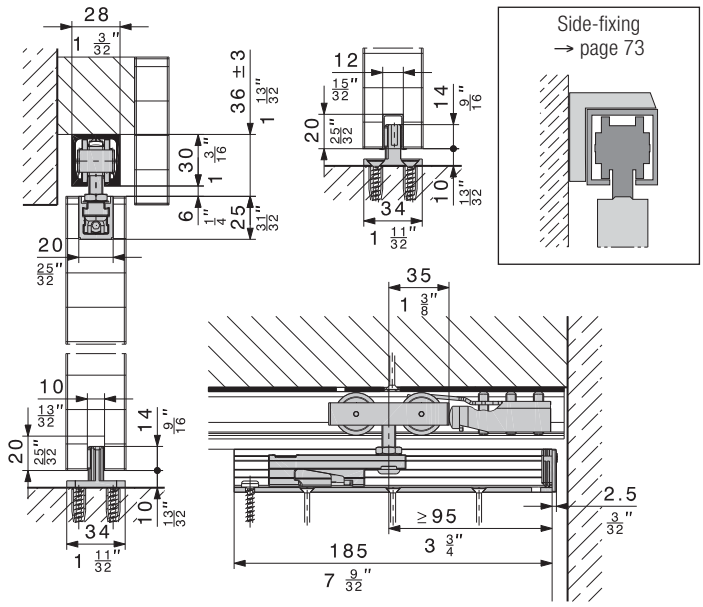
The following factors play a role in calculating the width of the sliding door:
- Open or closed guide groove
- Design with or without a door push-out (spring-loaded door stop no. 27200)



STB = LMB + P1 + 30 mm (1 3/16")

Planning/installation

For planning and execution please use the installation instructions code 17689. (→ www.hawa.ch → HAWA-Productfinder)
HAWA-Junior hardware may also be used for glass sliding doors. Please request the corresponding documentation.



Hardware system for sliding doors weighing up to 40 kg (88 lbs.). For low headroom applications.

Description

The HAWA-Junior 40/B is a hardware system with top fixed suspension for low headroom applications and for sliding doors with a weight of up to 40 kg (88 lbs.).

Features of the HAWA-Junior 40/B

- Top fixed suspension
- Low headroom applications
- Light and silent action
- Adjustable vertically ± 3 mm ($\frac{1}{8}$")
- Track stop, adjustable retaining force
- combinable with SoftMove 40 soft closing mechanism for Hawa-Junior 40
- can be combined with assembly set for HAWA-Junior 40 for wall pocket solutions
- with wall pocket solutions use bottom guide 25369

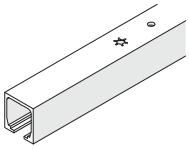
Set for single door, without running track

	code
HAWA-Junior 40/B	25903
HAWA-Junior 40/B, with 2 track stops	26039
For two-panel sliding doors please order two sets for single doors.	

Set comprising

		25903	26039	code
	Two-wheeled trolley, M8, with plastic wheels	2	2	25898
	Top fixed suspension with plate and hanger bolt M8, frontal attachment	2	2	19631
	Cover cap for suspension profile, plastic anthracite-grey RAL 7016	2	2	21520
	Track stop, adjustable retaining force	1	2	10640
	Screw-on rubber door stop	1	1	10629
	Guide, rattle proof, for screw mounting to floor, groove width 10 mm ($\frac{13}{32}$"), black plastic	1	1	14427
	Suspension assembly locking wrench	1	1	10793
	Hex key, 4 mm ($\frac{5}{32}$"), length 160 mm ($6\frac{5}{16}$")	1	1	19931

Running tracks

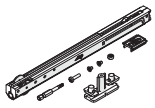
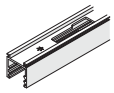
Caution: - Hole positions vary - Minor differences in colour are possible		mm/inch	code
	Running track, alu plain anodized, predrilled	1400 (4'7$\frac{1}{8}$")	10213
		1600 (5'3")	10214
		1800 (5'10$\frac{7}{8}$")	10215
		2000 (6'6$\frac{3}{4}$")	10216
		2500 (8'2$\frac{7}{16}$")	25997
		3000 (9'10$\frac{1}{8}$")	18530
		4000 (13'1$\frac{1}{2}$")	18531
		6000 (19'8$\frac{7}{32}$")	10211
		cut to size	10217

Planning/installation

For planning and execution please use the installation instructions code 17689. (→ www.hawa.ch → HAWA-Productfinder)

HAWA-Junior hardware may also be used for glass sliding doors. Please request the corresponding documentation.

SoftMove 40 soft closing mechanism for Hawa-Junior 40

		code
	SoftMove 40 soft closing mechanism for Hawa-Junior 40 (details: → page 66)	25987
	Set for mountable and demountable running track to HAWA-Junior 40 (details: → page 68 – 69)	

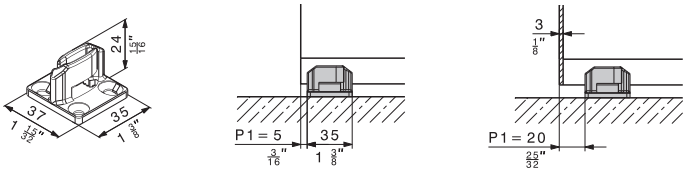
Accessories

Caution: Minor differences in colour are possible			code
	Guide profile, plastic black, 1300 mm (4'3$\frac{3}{16}$"), groove mounted, set of 10 pieces		14540
	Cover cap for running track, plastic anthracite-grey RAL 7016		20901
	Bottom door stop with centering assembly	dull chromium finish	20773
		stainless steel effect	21473
	Guide, rattle proof, for screw mounting to floor, groove width 10 mm ($\frac{13}{32}$"), black plastic		25369
	Spring-loaded door stop for door weight up to 40 kg (88 lbs.) integrated in HAWA-Junior 40 running track		27200
	Two-wheeled trolley, M8, with plastic wheels, set of 10 pieces		25963
	Track stop, adjustable retaining force, set of 10 pieces		25957
	Guide, rattle proof, for screw mounting to floor, groove width 10 mm ($\frac{13}{32}$"), black plastic, set of 10 pieces		25958
Further accessories: → pages 68–83			

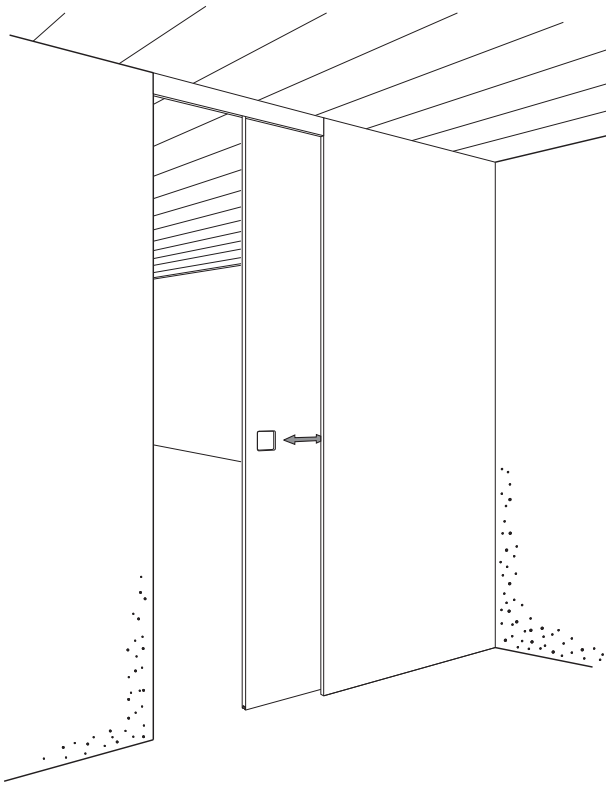
Rattle proof floor guide for wall pocket

The rattle-proof floor guide [groove width 10 mm ($\frac{13}{32}$") is now 35 mm (1$\frac{3}{8}$") long and laterally adjustable. It enables the door to be pushed into a finished wall pocket. The following factors play a role in calculating the width of the sliding door:

- Open or closed guide groove
- Design with or without a door push-out (spring-loaded door stop no. 27200)



STB = LMB + P1 + 30 mm (1$\frac{3}{16}$")



Hardware system for sliding doors weighing up to 80 kg (176 lbs.).

Description

The HAWA-Junior 80/Z is a highly reliable hardware system with two-way suspension for wooden sliding doors with a maximum panel weight of 80 kg (176 lbs.). The two-way suspension permits the sliding doors to be suspended or taken off in two different ways.

Features of the HAWA-Junior 80/Z

- Two-way suspension
- Light and silent action
- Adjustable vertically [± 4 mm ($\frac{5}{32}$")] and laterally
- Track stop, adjustable retaining force
- Available as a set: HAWA-Junior 80 set including a soft closing mechanism SoftMove 80
  – Minimum door width for one-sided damping: 690 mm (2'3$\frac{3}{16}$")
  – Minimum door width for two-sided damping: 1030 mm (3'4$\frac{9}{16}$")
- can be combined with assembly set for HAWA-Junior 80 for wall pocket solutions
- with wall pocket solutions use bottom guide 25369

Installation

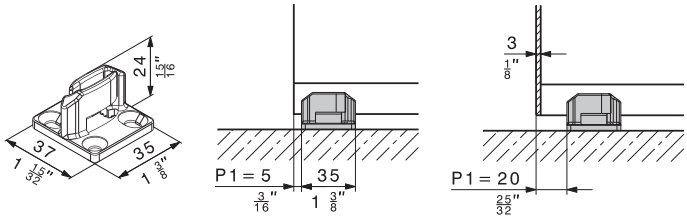
1. Side mounting. Doors to be taken off or suspended without removing a possible cover.
2. Front mounting.

Rattle proof floor guide for wall pocket

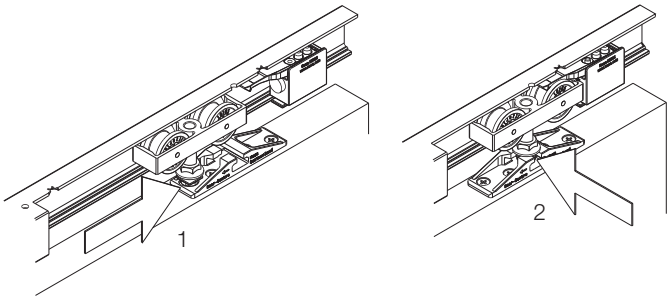
The rattle-proof floor guide [groove width 10 mm ($\frac{13}{32}$") is now 35 mm (1$\frac{3}{8}$") long and laterally adjustable. It enables the door to be pushed into a finished wall pocket.

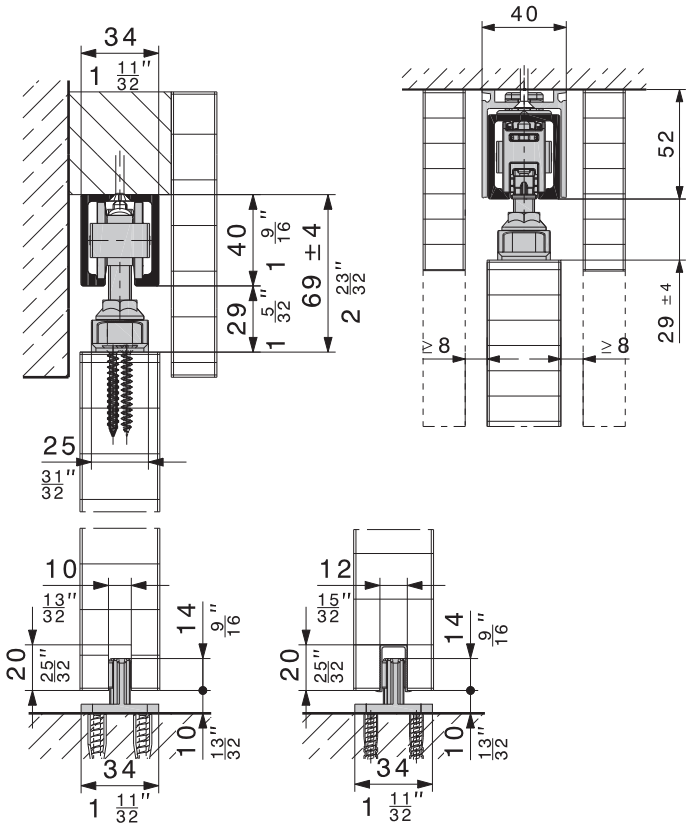
The following factors play a role in calculating the width of the sliding door:

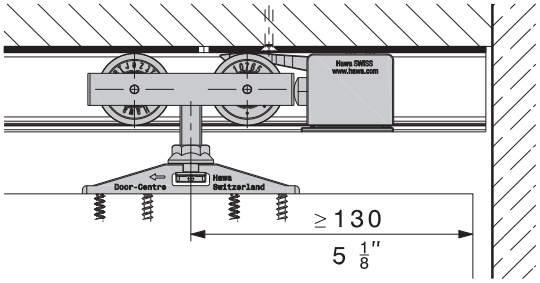
- Open or closed guide groove
- Design with or without a door push-out (spring-loaded door stop no. 27200)



STB = LMB + P1 + 30 mm (1$\frac{3}{16}$")





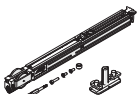


Subject to modification. Metric specifications are exact. Inches are approximate.

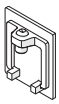
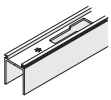
Set for single door, without running track

	code
HAWA-Junior 80/Z, set for single door	11705
HAWA-Junior 80/Z, with 2 track stops	26040
HAWA-Junior 80/Z, set for single doore, with 1 soft closing mechanism SoftMove 80	23087
HAWA-Junior 80/Z, set for single door, with 2 soft closing mechanisms SoftMove 80	23088
For two-panel sliding doors please order two sets for single doors.	

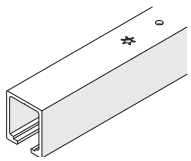
Set comprising

		11705	26040	23087	23088	code
	Two-wheeled trolley, M10, with plastic wheels	2	2	2	2	10407
	Two-way suspension plate, with hanger bolt M10 and fixing screws	2	2	2	2	10489
	Track stop, adjustable retaining force	1	2	2	2	24497
	Screw-on rubber door stop	1	1	1	1	10629
	Guide, rattle proof, for screw mounting to floor, groove width 10 mm ($\frac{13}{32}$"), black plastic	1	1	1	1	14427
	Vertical adjustment pin	1	1	1	1	10795
	Soft closing mechanism SoftMove 80 for HAWA-Junior 80	–	–	1	2	22444

Accessories

Caution: Minor differences in colour are possible			code
	Guide profile, plastic black, 1300 mm (4'3$\frac{5}{16}$"), groove mounted, set of 10 pieces		14540
	Cover cap for running track, metal, suitable to both sides, 1 piece	dull chromium finish	24956
	Bottom door stop with centering assembly	dull chromium finish	20773
		stainless steel effect	21473
	Two-wheeled trolley, M10, with plastic wheels, set of 10 pieces		25952
	Track stop, adjustable retaining force	1 piece	24497
		set of 10 pieces	25962
	Two-way suspension plate, with hanger bolt M10 and fixing screws, set of 10 pieces		25955
	Guide, rattle proof, for screw mounting to floor, groove width 10 mm ($\frac{13}{32}$"), black plastic, set of 10 pieces		25958
	Guide, rattle proof, for screw mounting to floor, groove width 10 mm ($\frac{13}{32}$"), black plastic		25369
	Spring-loaded door stop for door weight up to 80 kg (176 lbs.) integrated in HAWA-Junior 80 running track		25370
	Set for mountable and demountable running track to HAWA-Junior 80 (details: → Seite 68–69)		

Running tracks

Caution: Hole positions vary		mm/inch	code
	Running track, alu plain anodized, predrilled	1400 (4'7$\frac{1}{8}$")	10189
		1600 (5'3")	10190
		1800 (5'10$\frac{7}{8}$")	10191
		2000 (6'6$\frac{3}{4}$")	10192
		2200 (7'2$\frac{5}{8}$")	10193
		2500 (8'2$\frac{7}{16}$")	10194
		3000 (9'10$\frac{1}{8}$")	18532
		4000 (13'1$\frac{1}{2}$")	18533
		6000 (19'8$\frac{7}{32}$")	10186
		cut to size	10188

Accessories

Accessories: → pages 68–83

Order specifications

- Type and quantity of sets
- Quantity and length of running track
- Quantity of guide profiles

Optional order specifications

- Type and quantity of bottom door stop
- Quantity of cover caps for running track

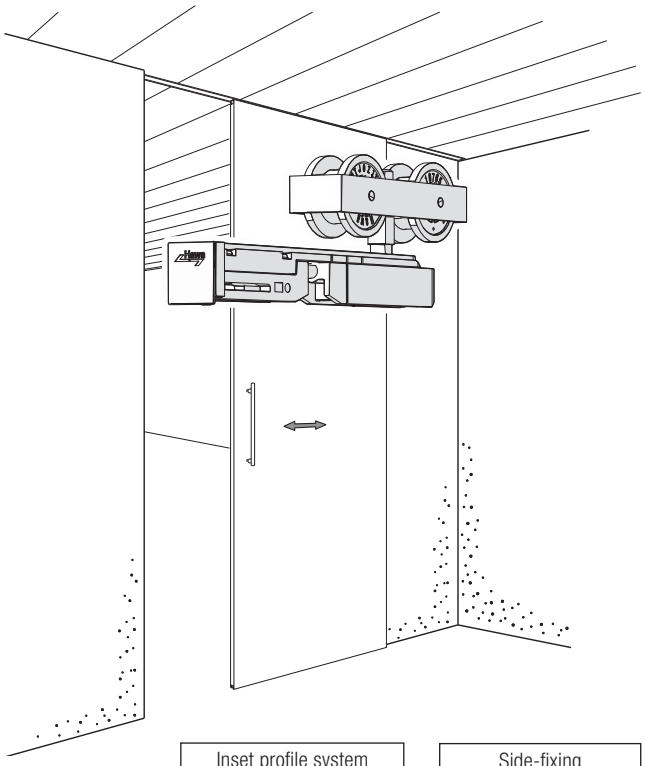
Planning/installation

For planning and execution please use the installation instructions code 17689. (→ www.hawa.ch → HAWA-Productfinder)

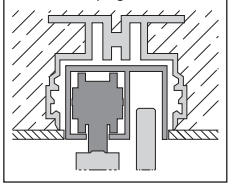
For convenient operation of sliding doors with soft closing mechanisms, use protruding handles instead of shell handles.

HAWA-Junior hardware may also be used for glass or metal sliding doors. Please request the corresponding documentation.

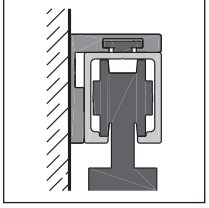
Subject to modification. Metric specifications are exact. Inches are approximate.



Inset profile system
HAWA-Adapto
→ page 70



Side-fixing
→ page 73



Click and Clear – easier installation thanks to a clever locking mechanism.

User-friendly hardware system for sliding doors with minimum headroom applications weighing up to 80 kg (176 lbs.).

Description

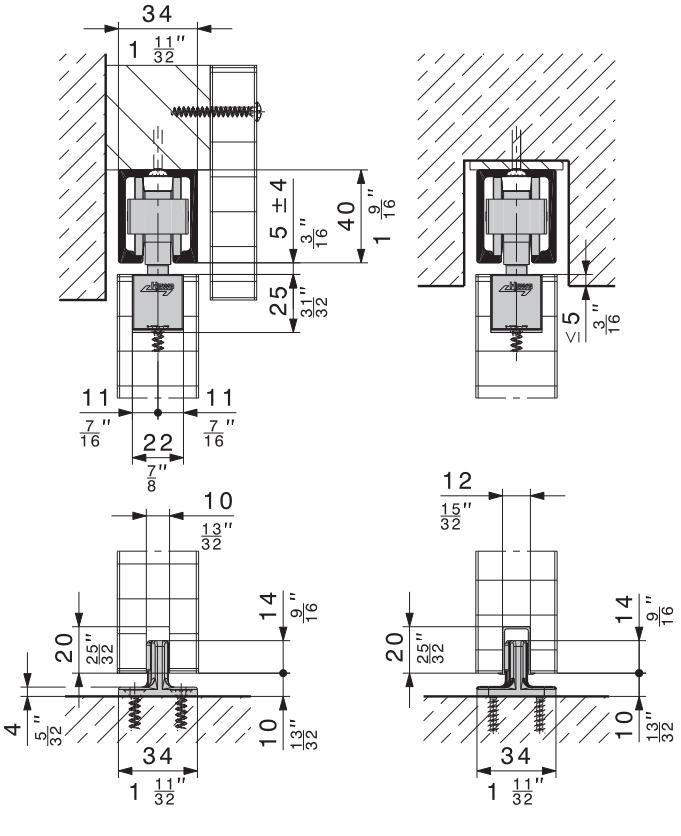
The HAWA-Junior 80/B (mod.) is a combination of tried-and-tested HAWA-Junior components and a cleverly developed new suspension unit and a new track stop. Both innovations stand out as they are very simple to adjust and make installation so much easier.
The suspension trolley houses both the suspension unit and the assembly wedge for innovative installation. The integrated multi-functional cover cap made of metal not only serves as a filigree cover, it also functions as a locking mechanism and as a handle for pulling out the suspension trolley.
The track stop with adjustable retaining force is characterised by a new design. It is obvious which screws are used for fixing and which ones adjust the retention force to suit the weight of the door. The integrated metal cover cap conceals the integrated technique at the flick of a finger.

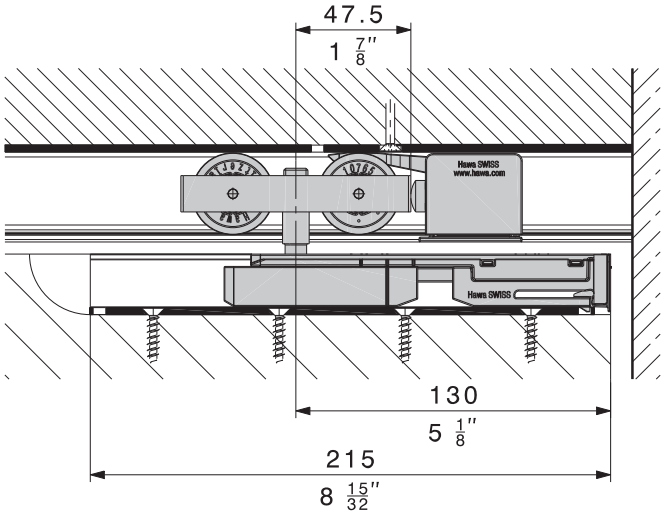
Applications

Ideal for optimising room space and making wooden sliding doors easy also disabled users to close, for example in retirement homes, care homes, shopping centres, railway stations, schools and public buildings, as well as in family homes, apartment complexes and hotels.

Features of the HAWA-Junior 80/B (mod.)

- Maximum door weight 80 kg (176 lbs.)
- Adjustable vertically ± 7 mm ($\frac{9}{32}$")
  [coarse adjustment ± 3 mm ($\frac{1}{8}$"), fine adjustment ± 4 mm ($\frac{5}{32}$")]
- Low headroom applications: around 1 mm ($\frac{1}{16}$") gap between running track and sliding door
- Suspension unit with a suspension profile and an user-friendly suspension trolley with an integrated metal cover cap
- The suspension unit is fitted to the trolley from below using the suspension screw
- Height adjustment is easily made from the leading edge without the need of extracting the suspension unit
- Track stop, adjustable retaining force and cover flap
- Smooth and quiet operation
- Set with a 20 mm ($\frac{25}{32}$") longer hanger bolt is available
- Can be combined with soft closing mechanism SoftMove 80 for HAWA-Junior 80



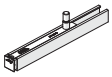
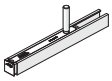


Subject to modification. Metric specifications are exact. Inches are approximate.

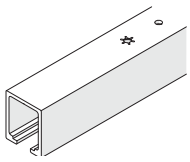
Sets for single door, without running track

	code
HAWA-Junior 80/B (mod.), set for single door	24617
HAWA-Junior 80/B (mod.), set with a 20 mm ($\frac{25}{32}$") longer hanger bolt for single door	24851
For two-panel sliding doors please order two sets for single doors.	

Sets comprising

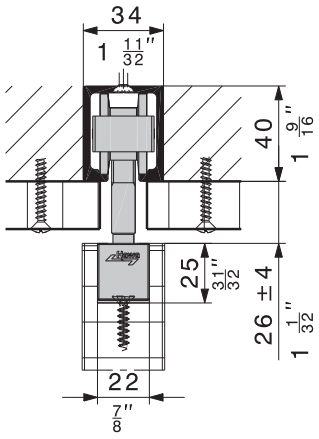
		24617	24851	code
	Two-wheeled trolley, M10, with plastic wheels	2	2	10407
	Top fixed suspension with plate and hanger bolt M10	2	–	24246
	Top fixed suspension with plate and a 20 mm ($\frac{25}{32}$") longer hanger bolt M10	–	2	24846
	Track stop, adjustable retaining force	2	2	24497
	Screw-on rubber door stop	1	1	10629
	Guide, rattle proof, for screw mounting to floor, groove width 10 mm ($\frac{13}{32}$"), black plastic	1	1	14427

Running tracks

Caution: - Hole positions vary - Minor differences in colour are possible		mm/inch	code
	Running track, alu plain anodized, predrilled	1400 (4'7$\frac{1}{8}$")	10189
		1600 (5'3")	10190
		1800 (5'10$\frac{7}{8}$")	10191
		2000 (6'6$\frac{3}{4}$")	10192
		2200 (7'2$\frac{5}{8}$")	10193
		2500 (8'2$\frac{7}{16}$")	10194
		3000 (9'10$\frac{1}{8}$")	18532
		4000 (13'1$\frac{1}{2}$")	18533
		6000 (19'8$\frac{7}{32}$")	10186
		cut to size	10188
	Running track, alu stainless steel effect, brushed, predrilled	4000 (13'1$\frac{1}{2}$")	20005
		6000 (19'8$\frac{7}{32}$")	20004
		cut to size	20006

Variant with a 20mm ($\frac{25}{32}$") longer hanger bolt

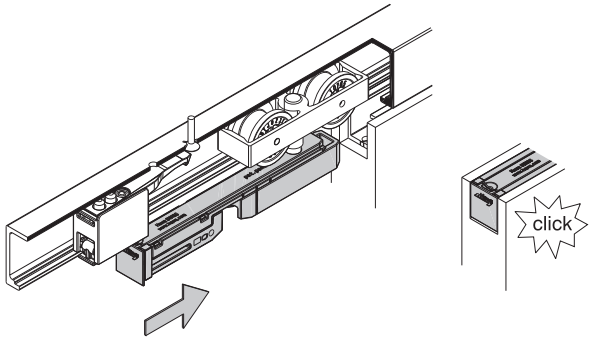
Set no. 24851 allows the running track to be covered from below with removable ceiling elements.



Attention:
ceiling elements must be removable.

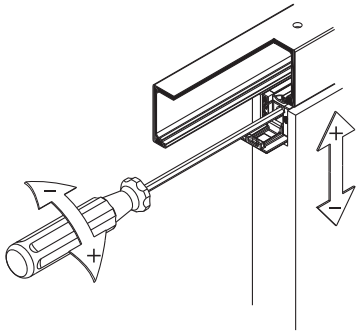
Easy and efficient installation

The suspension trolley comes already fitted with hanger bolt, assembly wedge and cover cap with locking mechanism and is simply clicked into place as a complete unit in the suspension profile.



Height adjustment and fine adjustment

HAWA-Junior 80/B (mod.) accommodates large structural tolerances of up to ± 7 mm ($\frac{9}{32}$"). Coarse adjustment via the trolley takes up to ± 3 mm ($\frac{1}{8}$"). Fine adjustments up to ± 4 mm ($\frac{5}{32}$") are made via the adjustment mechanism in the suspension unit.



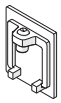
Simple fine adjustment from the leading edge.

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

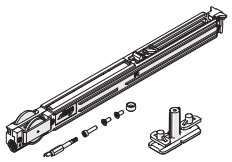
Track stop for HAWA-Junior 80

			Nr.
	Track stop, adjustable retaining force	1 piece	24497
		set of 10 pieces	25962

Accessories

Caution: Minor differences in colour are possible			code
	Guide profile, plastic black, 1300 mm (4'3$\frac{3}{16}$"), groove mounted, set of 10 pieces		14540
	Cover cap for running track, metal, suitable to both sides, 1 piece	dull chromium finish	24956
		stainless steel effect	24957
	Bottom door stop with centering assembly	dull chromium finish	20773
		stainless steel effect	21473
	Two-wheeled trolley, M10, with plastic wheels, set of 10 pieces		25952
	Guide, rattle proof, for screw mounting to floor, groove width 10 mm ($\frac{13}{32}$"), black plastic, set of 10 pieces		25958

Soft closing mechanism SoftMove 80 for HAWA-Junior 80

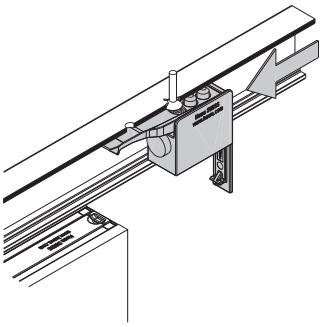
		code
	Soft closing mechanism SoftMove 80 for HAWA-Junior 80 (details:→ page 68)	22444

Fitting sets for HAWA-Adapto 80

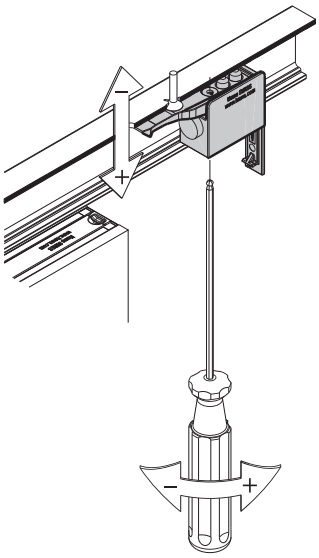
	mm/inch	code
Fitting sets for HAWA-Adapto 80 with countersunk screws	to 2500 (8'2$\frac{7}{16}$")	22841
	2501 to 4000 (8'2 $\frac{15}{32}$" to 13'1$\frac{1}{2}$")	22842
The inset profile system HAWA-Adapto allows HAWA-Junior 80 running tracks to be embedded inconcrete ceilings. Details: → page 70	4001 bis 6000 (13'1$\frac{17}{32}$" to 19'8$\frac{7}{32}$")	22843

Track stop for HAWA-Junior 80

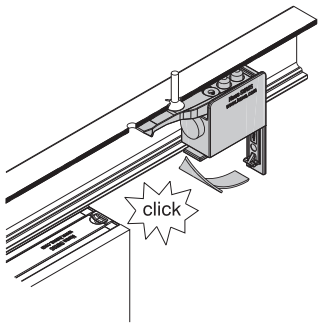
The new track stop for all HAWA-Junior 80 systems is very easy to install and adjust. Its shape makes jamming during installation impossible. The integrated cover cap discreetly covers the screws after the retaining force has been set.



Slide in and tighten



Adjust retaining force



Close cover cap

Planning/installation

For planning and execution please use the installation instructions code 24484 – HAWA-Junior 80/B (mod.) and code 24924 – HAWA-Junior 80/B (mod.) with longer hanger bolt. (→ www.hawa.ch → HAWA-Productfinder)

For convenient operation of sliding doors with soft closing mechanisms, use protruding handles instead of shell handles.

HAWA-Junior hardware may also be used for glass or metal sliding doors. Please request the corresponding documentation.

Accessories

Accessories: → pages 68–83

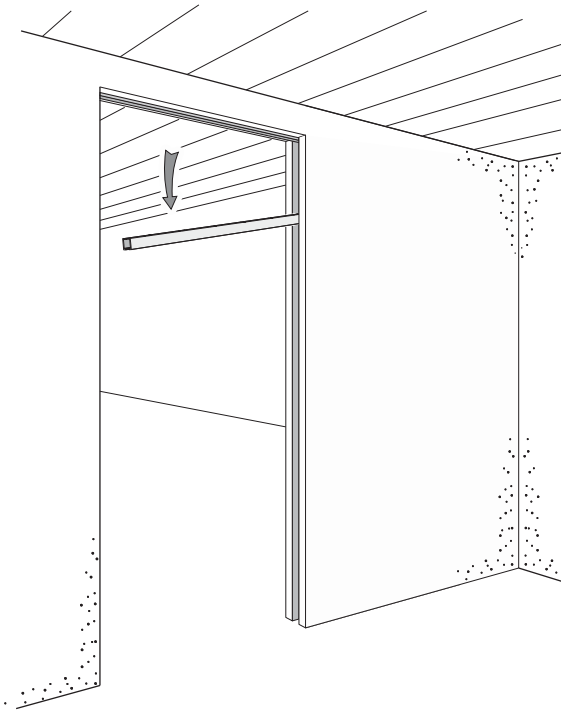
Order specifications

- Type and quantity of sets
- Type, quantity and length of running track
- Quantity of bottom guide channel

Optional order specifications

- Type and quantity of bottom door stop
- Quantity of cover caps for running track
- Quantity of soft closing mechanism SoftMove 80 for HAWA-Junior 80
- Type and quantity of assembly sets for HAWA-Adapto 80

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



Removable, replaceable and extendible at any time!

Wall pocket hardware for sliding doors weighing up to 80 kg (176 lbs.), for low headroom applications.

Description

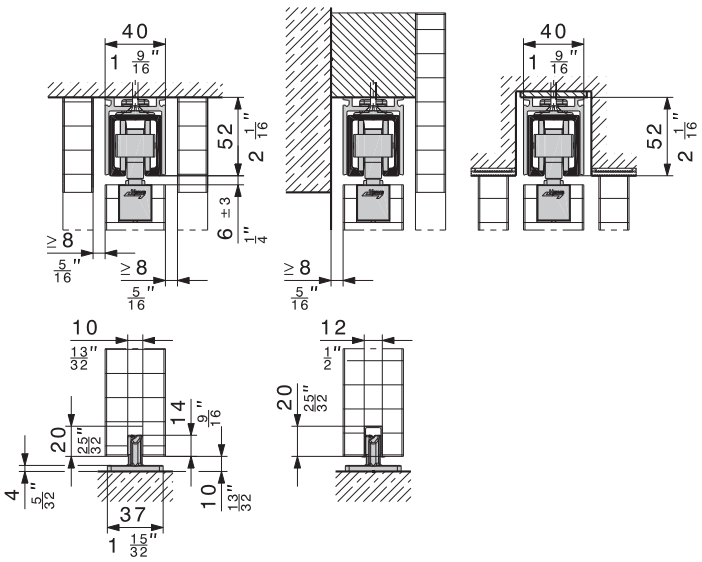
HAWA-Junior 80/B-Pocket is the new pocket solution for wooden sliding doors weighing up to 80 kg (176 lbs.). Fitting and removing the running track is always possible even in fixed pocket structures thanks to the retainer profile with a bayonet lock. All of the components can be replaced and extended at any time. Furthermore, the high degree of pre-assembly also prevents contamination of the running track during the construction phase.
The suspension unit designed specifically for pocket installation, the clip-on cover suitable for concealed mounting, the new rattle-proof floor guide and a door push-out round off the comprehensive HAWA-Junior 80/B-Pocket solution.

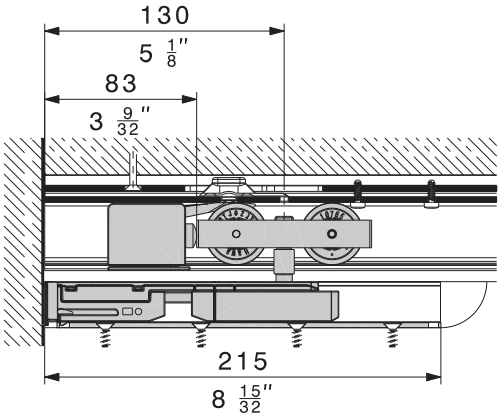
Applications

Ideal for optimising room space and making wooden sliding doors easy also disabled users to close, for example in retirement homes, care homes, shopping centres, schools and public buildings, as well as in family homes, apartment complexes and hotels.

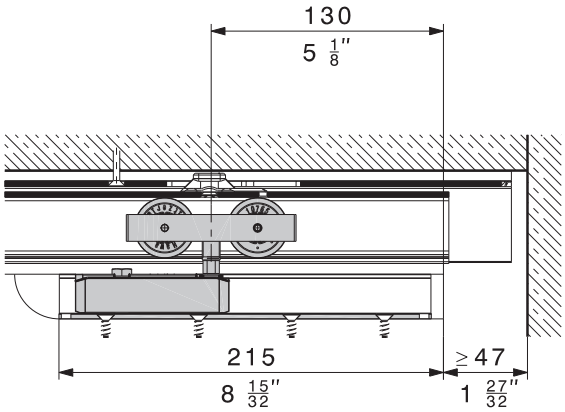
Features of the HAWA-Junior 80/B-Pocket

- Maximum door weight 80 kg (176 lbs.)
- Entire door opening width: 700–1500 mm (2'3 $\frac{9}{16}$"–4'11 $\frac{1}{16}$")
- Door thickness: 40–50 mm (1$\frac{19}{32}$"–1$\frac{31}{32}$")
- Adjustable vertically ± 3 mm ($\frac{1}{8}$"), with integrated anti-twist protection
- Horizontal longitudinal adjustment range in the bayonet ± 8 mm ($\frac{5}{16}$")
- Suspension with retainer profile and integrated suspension trolley
- Door is easier to slide into the pocket
- The end position can be adjusted via the suspension trolley in the pocket when the door is open
- Rattle-proof running track assembly
- Laterally adjustable rattle-proof floor-mounted guide
- Separating layer between running track and retainer profile reduces vibration transmission (structure-borne noise)
- Removable running track up to 3 m (9'10$\frac{1}{8}$") even in fixed pocket structures
- Components in the running track can be replaced or added to as required at any time
- Door push-out can be integrated in the running track
- Clip-on cover for concealed attachment of the lintel panelling up to a material thickness of 40 mm (1$\frac{19}{32}$")
- Can be combined with soft closing mechanism SoftMove 80 for HAWA-Junior 80





Door position: closed



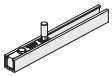
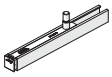
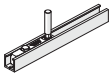
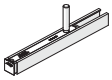
Door position: open, inside the pocket

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

Set for single door, without assembly set, without running track

	code
HAWA-Junior 80/B-Pocket, set for single door	25074
HAWA-Junior 80/B-Pocket, set with a 20 mm ($\frac{25}{32}$") longer hanger bolt for single door	26014

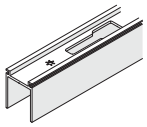
Set comprising

		25074	26014	code
	Two-wheeled trolley, M10, with plastic wheels	2	2	10407
	Top fixed suspension with plate and hanger bolt M10 for pocket solution	1	–	24323
	Top fixed suspension with plate and hanger bolt M10	1	–	24246
	Top fixed suspension with plate and a 20 mm ($\frac{25}{32}$") longer hanger bolt M10 for pocket solution	–	1	26003
	Top fixed suspension with plate and a 20 mm ($\frac{25}{32}$") longer hanger bolt M10	–	1	24846
	Track stop, adjustable retaining force	1	1	24497
	Screw-on rubber door stop	1	1	10629
	Guide, rattle proof, for screw mounting to floor, groove width 10 mm ($\frac{13}{32}$"), black plastic	1	1	25369
	Suspension assembly locking wrench	1	1	10778

Assembly set for running track

	code
Set for mountable and demountable running track for 2000 (6'6$\frac{3}{4}$"), to HAWA-Junior 80	25207
Set for mountable and demountable running track for 2500 (8'2$\frac{7}{16}$"), to HAWA-Junior 80	25371
Set for mountable and demountable running track for 3000 (9'10$\frac{1}{8}$"), to HAWA-Junior 80	25441

Set comprising

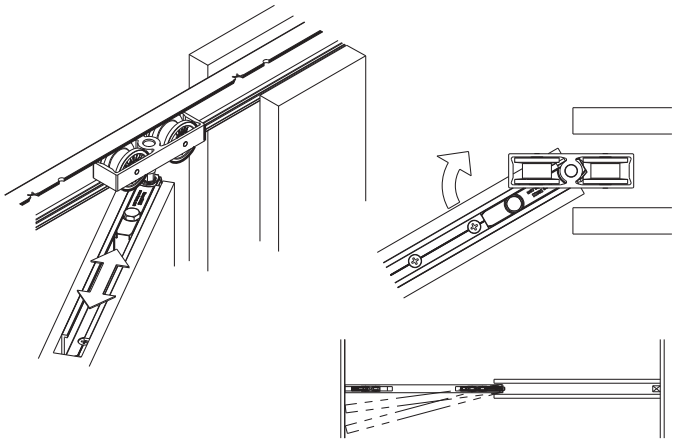
		mm/inch	25207	25371	25441	code
	Retainer profile with a bayonet lock, alu plain anodized, for length of running track	2000 (6'6$\frac{3}{4}$")	1	–	–	25212
		2500 (8'2$\frac{7}{16}$")	–	1	–	25443
		3000 (9'10$\frac{1}{8}$")	–	–	1	25444
	Small parts set to retainer profil, set of 6 pieces for lenght of running track	2000 (6'6$\frac{3}{4}$")	1	–	–	25520
	Small parts set to retainer profil, set of 7 pieces for lenght of running track	2500 (8'2$\frac{7}{16}$")	–	1	–	25521
	Small parts set to retainer profil, set of 9 pieces for lenght of running track	3000 (9'10$\frac{1}{8}$")	–	–	1	25522

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

The pocket solution

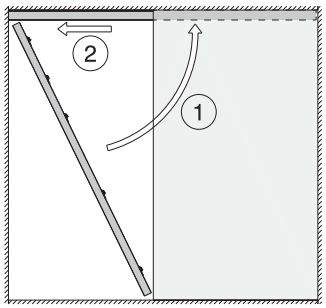
HAWA-Junior 80/B-Pocket stands for easier insertion of the door in a pocket:

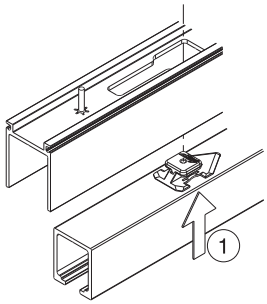
- The pivot point of the suspension unit is at the end of the door on the pocket side
- The suspension unit on the pocket side can be pushed towards the middle of the door during installation
- Easy and efficient height adjustment when the door is installed

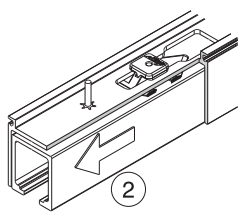


Assembly set

The retainer profile with bayonet lock is pre-assembled and therefore offers the greatest possible protection from running track contamination during the construction phase. The running track can be installed and removed at any time once the pocket is completed, be it to fit or replace additional components.
The rattle-proof bayonet lock with entry ramp makes it easier to install the running track in the retainer profile. The separating layer between the two profiles reduces vibration transmission (structure-borne noise).

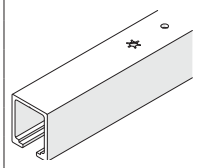






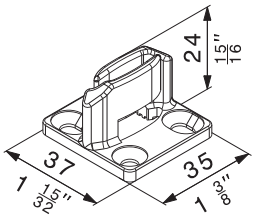
Bayonet range: 35 mm (1$\frac{3}{8}$")
Adjustable in the bayonet: ± 8 mm ($\frac{5}{16}$")

Running tracks

Caution: Hole positions vary		mm/inch	code
	Running track, alu plain anodized, predrilled	1400 (4'7 1/8")	10189
		1600 (5'3")	10190
		1800 (5'10 7/8")	10191
		2000 (6'6 3/4")	10192
		2200 (7'2 5/8")	10193
		2500 (8'2 7/16")	10194
		3000 (9'10 1/8")	18532
		cut to size	10188

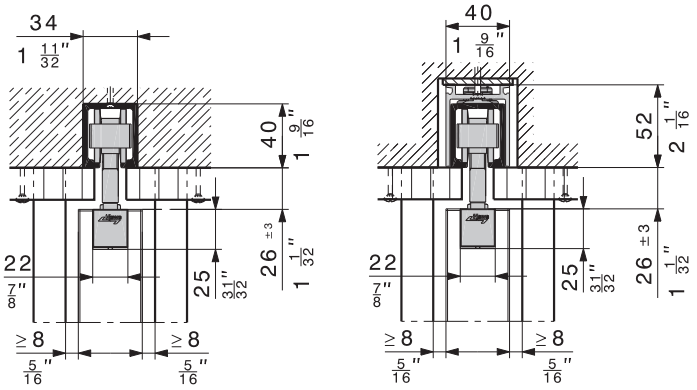
Rattle proof floor guide

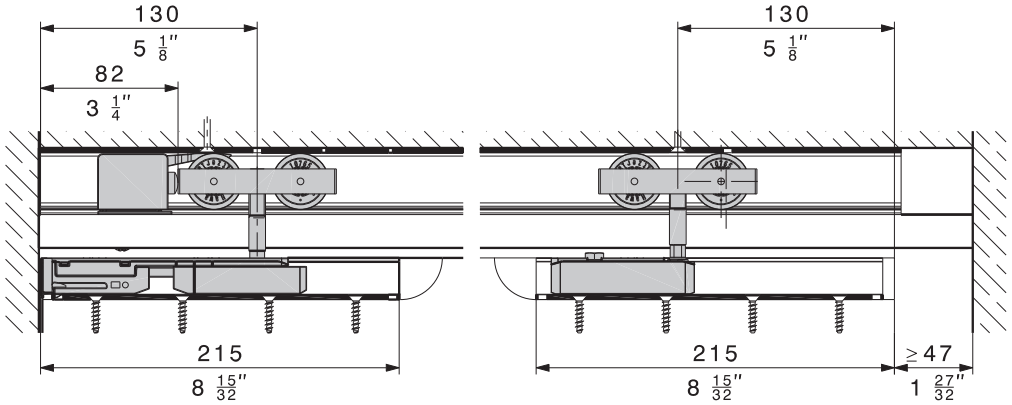
The rattle-proof floor guide [groove width 10 mm (13/32") is now 35 mm (1 3/8") long and laterally adjustable. It enables the door to be pushed into a finished wall pocket.



Variant with a 20mm (25/32") longer hanger bolt

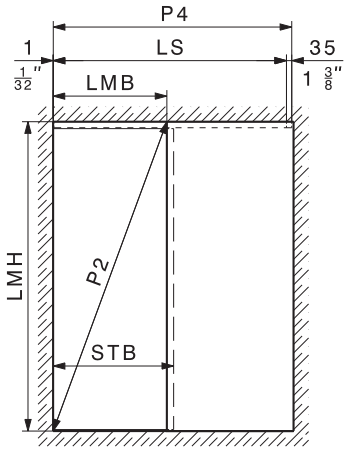
Set no. 24851 allows the running track to be covered from below with removable ceiling elements.





Lenght of running track

The length of the running track must not exceed the diagonal clearance [P2 – 80 mm (3 5/32")].

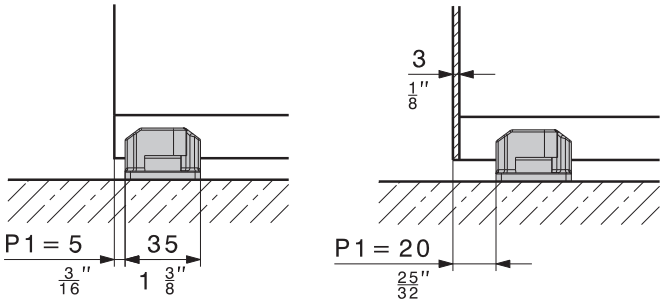


LMB	Entire opening width
LMH	Entire opening hight
STB	Sliding shutter width
P2	Diagonal clearance

Sliding shutter width

The following factors play a role in calculating the width of the sliding door:

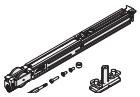
- Open or closed guide groove
- Design with or without a door push-out (spring-loaded door stop no. 25370)



STB = LMB + P1 + 30 mm (1 3/16")

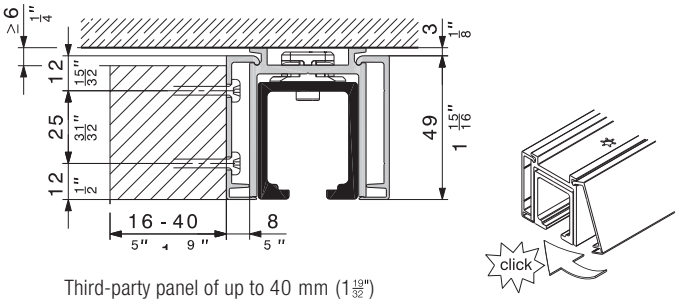
Subject to modification. Metric specifications are exact. Inches are approximate.

Accessories

			code
	Clip-on cover 2000 mm (6'6$\frac{3}{4}$") alu plain anodized for lintel mounting for HAWA-Junior 80		25445
	Spring-loaded door stop for door weight up to 80 kg (176 lbs.) integrated in HAWA-Junior 80 running track		25370
	Track stop, adjustable retaining force	1 piece	24497
		set of 10 pieces	25962
	Guide profile, plastic black, 1300 mm (4'3$\frac{3}{16}$"), groove mounted, set of 10 pieces		14540
	Soft closing mechanism SoftMove 80 for HAWA-Junior 80		22444
	Two-wheeled trolley, M10, with plastic wheels, set of 10 pieces		25952
	Guide, rattle proof, for screw mounting to floor, groove width 10 mm ($\frac{13}{32}$"), black plastic, set of 10 pieces		25958

Optional cover for retainer profile

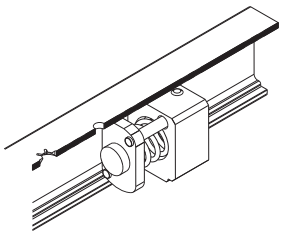
The optionally available aluminum cover simply clips onto the retainer profile with no need for additional fastening components. Installers can attach the clip-on cover to panels with a material thickness of up to 40 mm (1$\frac{19}{32}$") for concealed panel attachment.



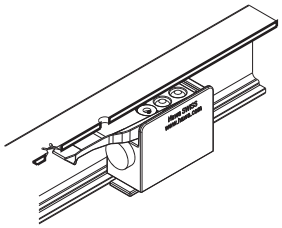
Third-party panel of up to 40 mm (1$\frac{19}{32}$") material thickness possible

Optional door push-out

The specifically developed spring-loaded door stop no. 25370 is integrated in the running track if a door push-out without visible hardware components is desired.
Track stop no. 24497 is recommended for systems without a door push-out.



Spring-loaded door stop no. 25370



Track stop no. 24497

Planning/installation

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

- code 25089 HAWA-Junior 80/B-Pocket, set
- code 25558 Assembly set for running tracks in wall pockets for HAWA-Junior 80

(→ www.hawa.ch → HAWA-Productfinder)

For convenient operation of sliding doors with soft closing mechanisms, use protruding handles instead of shell handles.
→ Caution: Danger of collision with the pocket structure.

Accessories

Accessories: → pages 68–83

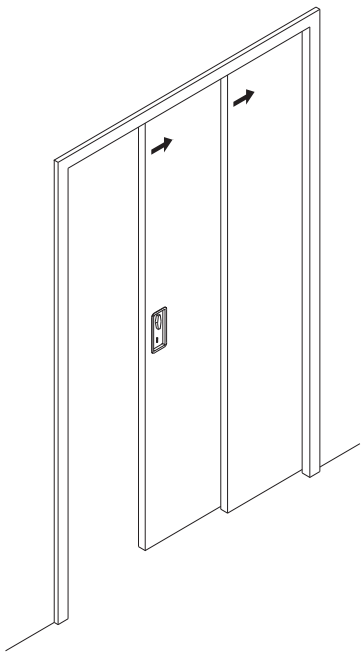
Order specifications

- Quantity of sets
- Type and quantity of assembly sets
- Type, quantity and length of running track

Optional order specifications

- Quantity of clip-on cover for retainer profile
- Quantity of spring loaded
- Quantity of track stop
- Quantity of guide profile
- Quantity of soft closing mechanism SoftMove 80 for HAWA-Junior 80

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



Hardware system for simultaneous sliding of 2 to 3 doors weighing up to 80 kg (176 lbs.) or 4 doors weighing up to 40 kg (88 lbs.).

Description

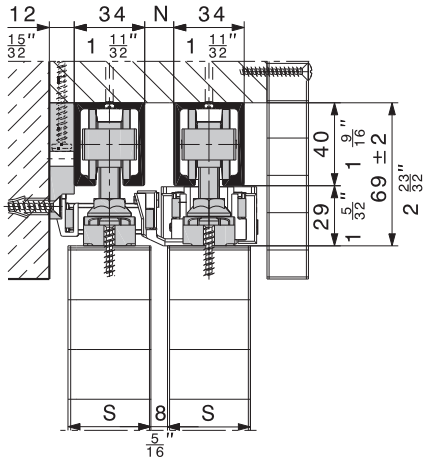
Two or three doors can be moved simultaneously to the left or right when combined with the tried and tested HAWA-Junior 80/Z Technik and the HAWA-Telescopic 80/2 or 80/3 hardware. The version incorporating the HAWA-Telescopic 40/4 allows two sliding doors to be opened simultaneously to the left and to the right.

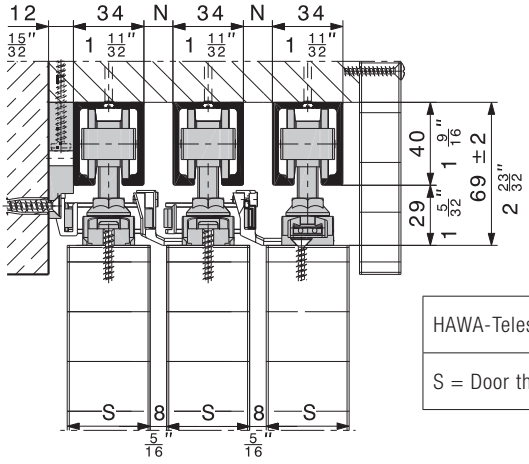
Features of the HAWA-Telescopic 80/2 – 80/3 – 40/4

- Maximum door weight 80/2, 80/3: 80 kg (176 lbs.)
- Door width 80/2, 80/3: 500–1200 mm (1'7 11/16"–3'11 1/4")
- Door thickness 80/2: 32–47 mm (1 9/32"–1 27/32")
- Door thickness 80/3: 40–47 mm (1 19/32"–1 27/32")

- Maximum door weight 40/4: 40 kg (88 lbs.)
- Door width 40/4: 500–800 mm (1'7 11/16"–2'7 1/2")
- Door thickness 40/4: 40–47 mm (1 19/32"–1 27/32")

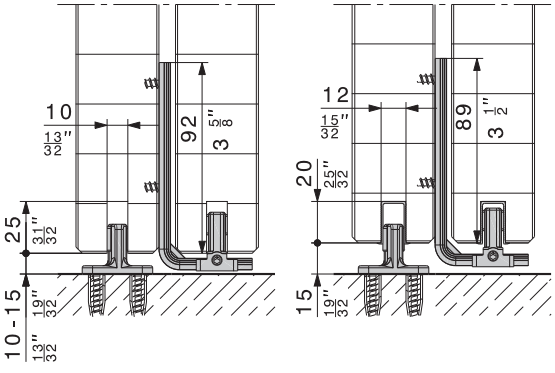
- Offers all the quality benefits of HAWA-Junior 80/Z products
- Telescopic opening of two to three sliding doors
- Symmetrical opening of four sliding doors
- Allows large openings
- Fibreglass-reinforced toothed belts guarantee high tensile strength and a low level of expansion

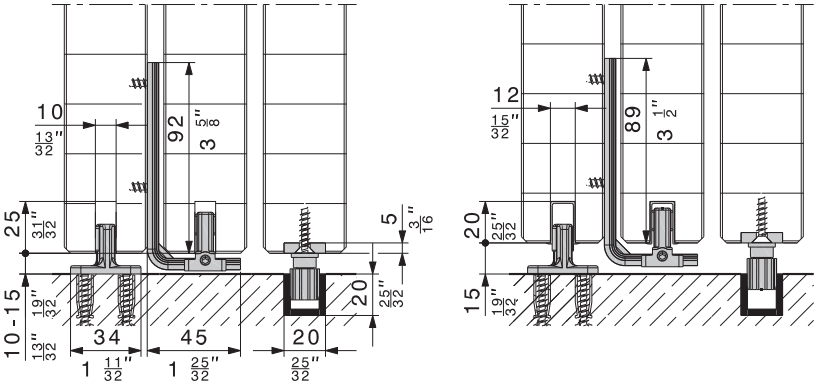




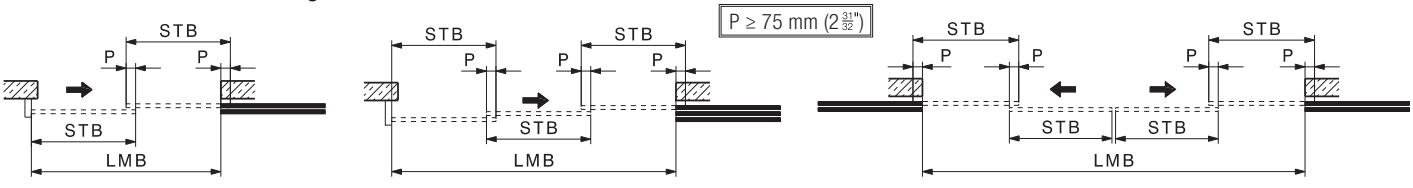
N = S – 26 mm (1 1/32")

HAWA-Telescopic	80/2	80/3	40/4
S = Door thickness	32–47 mm (1 9/32"–1 27/32")	40–47 mm (1 19/32"–1 27/32")	





Calculation for sliding door width



2-panel: STB = $\frac{(2 \times P) + LMB}{2}$

3-panel: STB = $\frac{(3 \times P) + LMB}{3}$

4-panel: STB = $\frac{(4 \times P) + LMB}{4}$

HAWA-Telescopic 80/2

	code
HAWA-Telescopic 80/2, partial set for 2 panel, 500 – 1200 mm (1'7 11/16" – 3'11 1/4")	20657
Two HAWA-Junior 80/Z sets are required in addition	11705

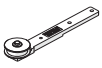
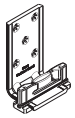
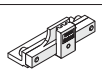
HAWA-Telescopic 80/3

	code
HAWA-Telescopic 80/3, partial set for 3 panel, 500 – 1200 mm (1'7 11/16" – 3'11 1/4")	20765
Three HAWA-Junior 80/Z sets are required in addition	11705

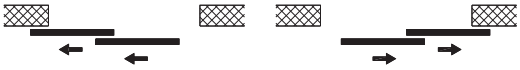
HAWA-Telescopic 40/4

	code
HAWA-Telescopic 40/4, partial set for 4 panel, 500 – 800 mm (1'7 11/16" – 2'7 1/2")	20658
Four HAWA-Junior 80/Z sets are required in addition	11705

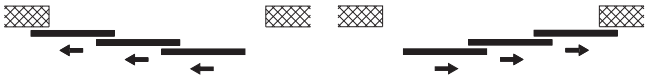
Partial sets comprising

			20657	20765	20658	code
	Driver, wide		1	2	2	20141
	Guide pulley wheel, with fixing plate, long		1	2	2	20139
	Guide pulley wheel, with fixing plate, short		1	2	2	20140
	Toothed belt fixing device for ceiling/wall mounting, complete		1	1	2	20732
	Toothed belt black, fibre glass reinforced	2,7 m (8'10 5/16")	1	2	2	20208
		10 m (32'9 23/32")	–	–	1	19668
	Driver counter-plate, wide		1	1	2	20246
	HAWA-Confort 120, single, floor mounted guide rattle proof		1	1	2	16158
	Guide plate with rattle proof guide piece 14 mm (9/16")		–	1	–	13325
	Driver, narrow		–	1	–	20142
	Guide pulley wheel matching with running track HAWA-Junior 80		–	–	2	20653
	Toothed belt lock for manual systems		–	–	1	20352
	Driver, laterally adjustable for manual systems		–	–	1	20353

Partial set code 20657 for HAWA-Telescopic 80/2 (2-panel)



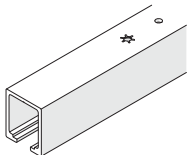
Partial set code 20765 for HAWA-Telescopic 80/3 (3-panel)



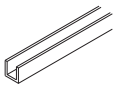
Partial set code 20658 for HAWA-Telescopic 40/4 (4-panel)



Running tracks

Caution: Hole positions vary		mm/inch	code
	Running track, alu plain anodized, predrilled	1400 (4'7 1/8")	10189
		1600 (5'3")	10190
		1800 (5'10 7/8")	10191
		2000 (6'6 3/4")	10192
		2200 (7'2 5/8")	10193
		2500 (8'2 7/16")	10194
		3000 (9'10 1/8")	18532
		4000 (13'1 1/2")	18533
		6000 (19'8 7/32")	10186
		cut to size	10188

Guides / Bottom door stop

Caution: Minor differences in colour are possible			code
	Guide profile, plastic black, 1300 mm (4'3 3/16"), groove mounted, set of 10 pieces		14540
	Bottom guide channel, alu plain anodized, predrilled, 20 x 20 x 3 mm (25/32" x 25/32" x 1/8")	6000 (19'8 7/32")	14414
		cut to size	14415
	Bottom door stop with centering assembly	dull chromium finish	20773
		stainless steel effect	21473
Further accessories: → pages 68 – 83			

Order specifications

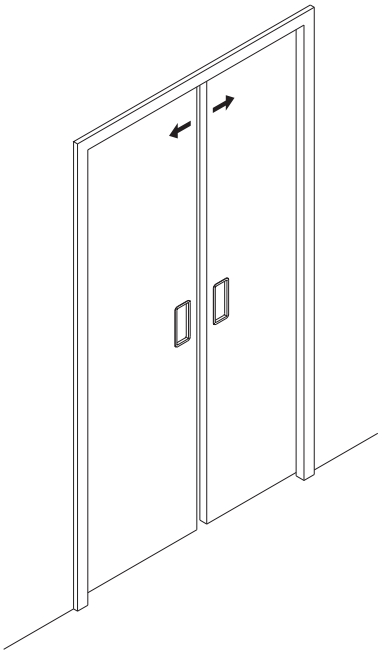
- Quantity and Type of partial set
- Quantity of HAWA-Junior 80/Z-sets
- Length of running tracks

Planning/installation

For planning and installation purposes, please use the installation drawings:
- HAWA-Telescopic 80/2 code 23167
- HAWA-Telescopic 80/3 code 23168
- HAWA-Telescopic 40/4 code 23169

(→ www.hawa.ch → HAWA-Productfinder)

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



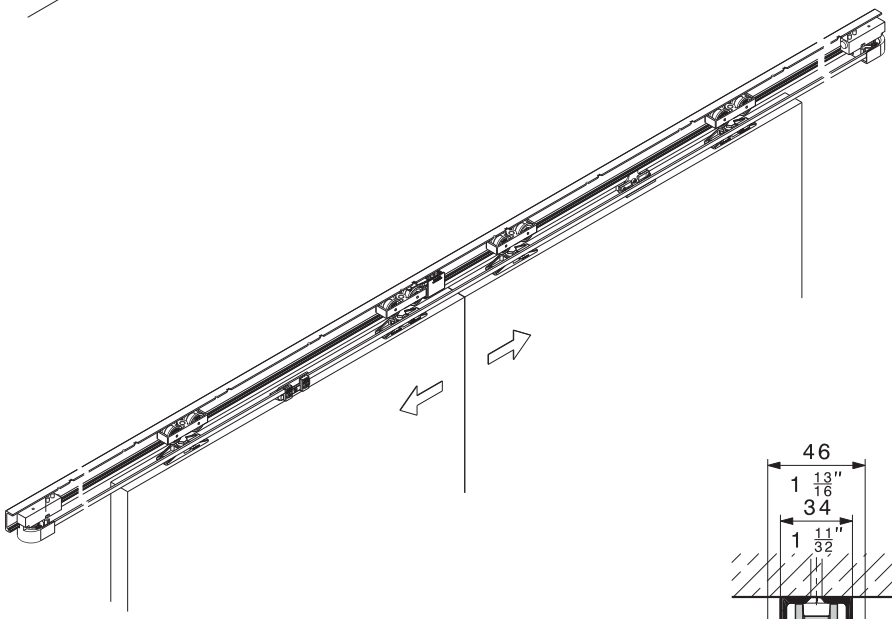
Hardware system for 2 sliding doors weighing up to 80 kg (176 lbs.) simultaneously opening to the left and right.

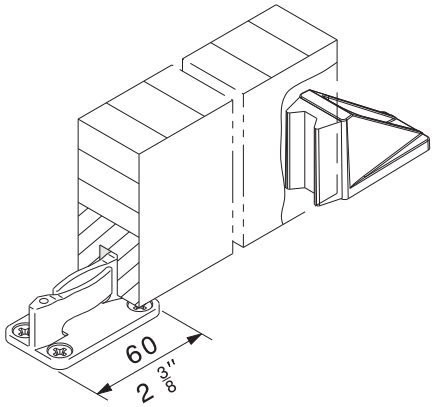
Description

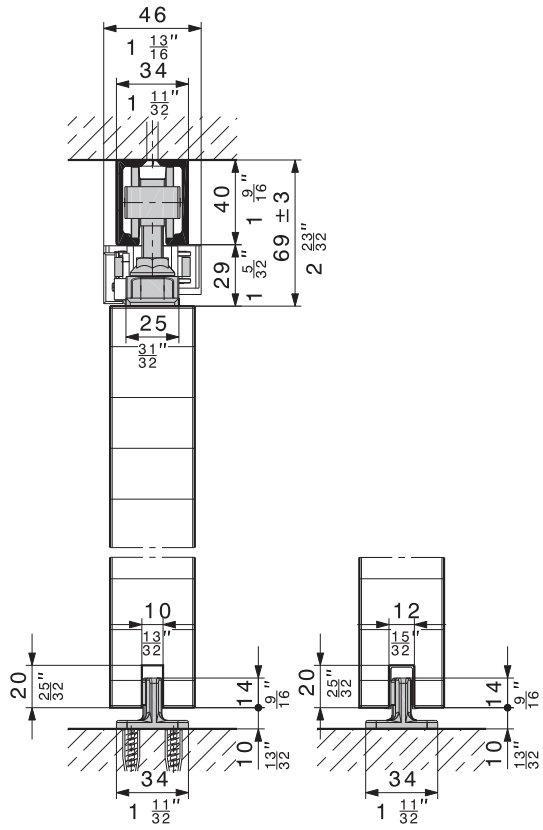
This hardware set permits the simultaneous opening and closing of two-panel doors with a weight up to 80 kg (176 lbs.).

Features of the HAWA-Symmetric 80/Z

- Maximum door weight: 80 kg (176 lbs.)
- Door width: 500–1200 mm (1'7 11/16"–3'11 1/4")
- Symmetrical opening of two sliding doors
- Fibreglass-reinforced toothed belts guarantee high tensile strength and a low level of expansion
- Offers all the quality benefits of HAWA-Junior 80/Z products
- Allows large openings without bottom guide channels







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

Sets for double sliding doors, without running tracks

	code
HAWA-Symmetric 80/Z, complete set	20661
HAWA-Symmetric 80/Z, partial set	20662

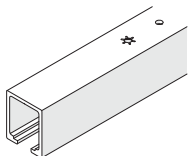
Sets comprising

		20661	20662	code
	Guide pulley wheel matching with running track HAWA-Junior 80	2	2	20653
	Toothed belt lock for manual systems	1	1	20352
	Driver, laterally adjustable for manual systems	1	1	20353
	Toothed belt, black, unit 10 m (32'9$\frac{45}{64}$"), fibre glass reinforced	1	1	19668
	Two-wheeled trolley, M10, with plastic wheels	4	–	10407
	Two-way suspension plate, with hanger bolt M10 and fixing screws	4	–	10489
	Track stop, adjustable retaining force	1	–	24497
	Guide, rattle proof, for screw mounting to floor, groove width 10 mm ($\frac{13}{32}$"), black plastic	2	–	14427
	Screw-on rubber door stop	2	–	10629
	Vertical adjustment pin	1	–	10795

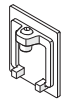
Toothed belt

The length of the toothed belt has been calculated for 2 sliding doors with a maximum width of 1200 mm (3'11$\frac{1}{4}$").

Running tracks

Caution: Hole positions vary		mm/inch	code
	Running track, alu plain anodized, predrilled	1400 (4'7$\frac{1}{8}$")	10189
		1600 (5'3")	10190
		1800 (5'10$\frac{7}{8}$")	10191
		2000 (6'6$\frac{3}{4}$")	10192
		2200 (7'2$\frac{5}{8}$")	10193
		2500 (8'2$\frac{7}{16}$")	10194
		3000 (9'10$\frac{1}{8}$")	18532
		4000 (13'1$\frac{1}{2}$")	18533
		6000 (19'8$\frac{7}{32}$")	10186
		cut to size	10188

Accessories

Caution: Minor differences in colour are possible			code
	Guide profile, plastic black, 1300 mm (4'3$\frac{3}{16}$"), groove mounted, set of 10 pieces		14540
	Cover cap for running track, metal, suitable to both sides, 1 piece	dull chromium finish	24956
	Bottom door stop with centering assembly	dull chromium finish	20773
		stainless steel effect	21473
Further accessories: → pages 68 – 83			

Order specifications

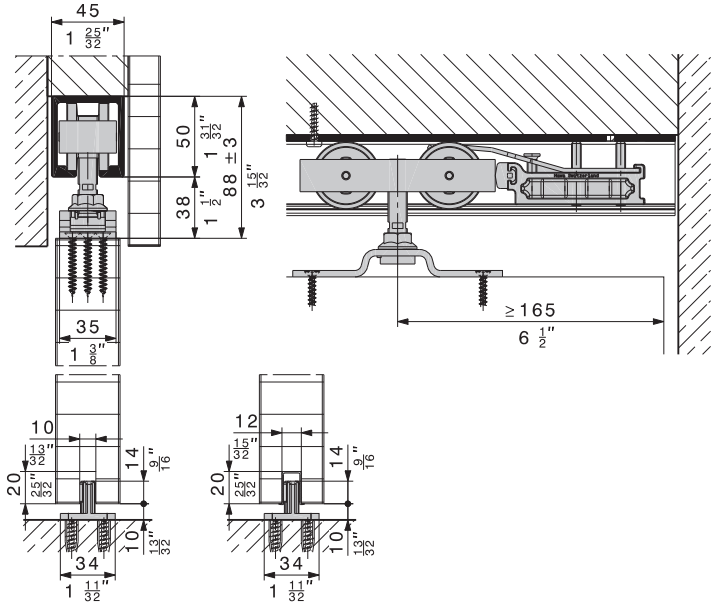
- Quantity of complete set
- Quantity of partial set
- Quantity of HAWA-Junior 80/Z-sets
- Length of running tracks

Planning/installation

For planning and execution please use the installation instructions code 20663. (→ www.hawa.ch → HAWA-Productfinder)

HAWA-Symmetric hardware may also be used for glass or metal sliding doors. Please request the corresponding documentation.

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



Hardware system for sliding doors weighing up to 120 kg (264 lbs.).

Description

The HAWA-Junior 120/A is a hardware system with bracket suspension for wooden and metal doors weighing up to 120 kg (264 lbs.).

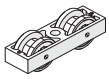
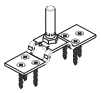
Features of the HAWA-Junior 120/A

- Galvanized steel top fixing plate for bolting or welding
- Robust
- Light and silent action
- Adjustable vertically [± 3 mm (1/8")] and laterally
- Track stop, adjustable retaining force
- combinable with SoftMove 120 soft closing mechanism for Hawa-Junior 120
- can be combined with assembly set for HAWA-Junior 120 for wall pocket solutions
- with wall pocket solutions use bottom guide 25369

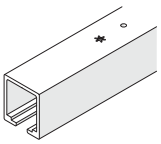
Set for single door, without running track

	code
HAWA-Junior 120/A	25907
HAWA-Junior 120/A, with 2 track stops	26041
For two-panel sliding doors please order two sets for single doors.	

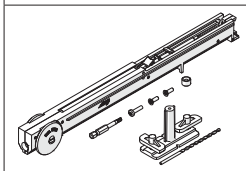
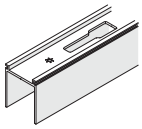
Set comprising

		25907	26041	code
	Two-wheeled trolley, M12, with plastic wheels	2	2	25900
	Top fixing plate, galvanized steel, with hanger bolt M12 and fixing screws	2	2	14859
	Track stop, adjustable retaining force	1	2	14858
	Screw-on rubber door stop	1	1	10629
	Guide, rattle proof, for screw mounting to floor, groove width 10 mm (13/32"), black plastic	1	1	14427
	Suspension assembly locking wrench	1	1	14861

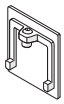
Running tracks

Caution: Hole positions vary		mm/inch	code
	Running track, alu plain anodized, predrilled	2500 (8'2 7/16")	14866
		3000 (9'10 1/8")	14867
		4000 (13'1 1/2")	14868
		6000 (19'8 7/32")	14869
		cut to size	14871

SoftMove 120 soft closing mechanism for Hawa-Junior 120

		code
	SoftMove 120 soft closing mechanism for Hawa-Junior 120 (details: → page 66)	25988
	Set pour rail de roulement montable et demontable HAWA-Junior 120 (details: → page 68 – 69)	

Accessories

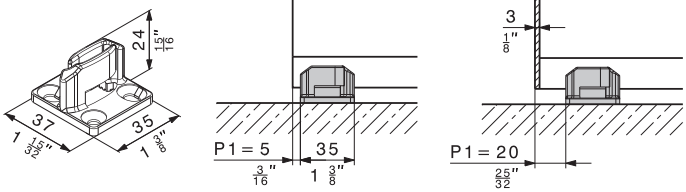
Caution: Minor differences in colour are possible			code
	Guide profile, plastic black, 1300 mm (4'3 3/16"), groove mounted, set of 10 pieces		14540
	Cover cap for running track, metal, suitable to both sides, 1 piece	dull chromium finish	25332
	Bottom door stop with centering assembly	dull chromium finish	20773
		stainless steel effect	21473
	Guide, rattle proof, for screw mounting to floor, groove width 10 mm (13/32"), black plastic		25369
	Spring-loaded door stop for door weight up to 120 kg (264 lbs.) integrated in HAWA-Junior 120 running track		27202
Further accessories: → pages 68 – 83			

Rattle proof floor guide for wall pocket

The rattle-proof floor guide [groove width 10 mm (13/32") is now 35 mm (1 3/8") long and laterally adjustable. It enables the door to be pushed into a finished wall pocket.

The following factors play a role in calculating the width of the sliding door:

- Open or closed guide groove
- Design with or without a door push-out (spring-loaded door stop no. 27200)



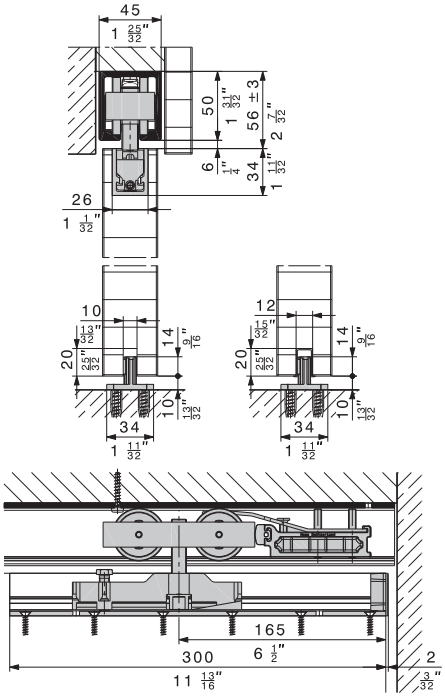
STB = LMB + P1 + 30 mm (1 3/16")

Planning/installation

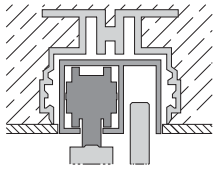
For planning and execution please use the installation instructions code 17689. (→ www.hawa.ch → HAWA-Productfinder)

HAWA-Junior hardware may also be used for glass sliding doors. Please request the corresponding documentation.

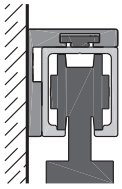
Subject to modification. Metric specifications are exact. Inches are approximate.



Inset profile system
HAWA-Adapto
→ page 70



Side-fixing
→ page 73



Hardware system for sliding doors weighing up to 120 kg (264 lbs.). For low headroom applications.

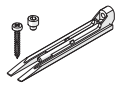
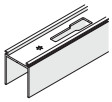
Description

The HAWA-Junior 120/B is a hardware system with top fixed suspension for low headroom applications and for sliding doors with a weight of up to 120 kg (264 lbs.).

Features of the HAWA-Junior 120/B

- Top fixed suspension
- Low headroom applications
- Light and silent action
- Adjustable vertically ± 3 mm (1/8")
- Track stop, adjustable retaining force
- Lateral fixing of trolleys for sliding doors running in the ceiling
- combinable with SoftMove 120 soft closing mechanism for Hawa-Junior 120
- can be combined with assembly set for HAWA-Junior 120 for wall pocket solutions
- with wall pocket solutions use bottom guide 25369

Accessories

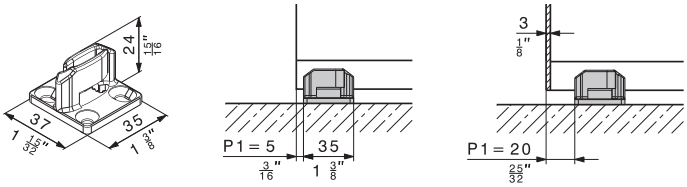
Caution: Minor differences in colour are possible			code
	HAWA-Assembly wedge for sliding doors running in the ceiling, set for 1 sliding door (→ installation drawing page 75)		15770
	Guide profile, plastic black, 1300 mm (4'3 3/16"), groove mounted, set of 10 pieces		14540
	Cover cap for running track, metal, suitable to both sides, 1 piece	dull chromium finish	25332
	Bottom door stop with centering assembly	dull chromium finish	20773
		stainless steel effect	21473
	Guide, rattle proof, for screw mounting to floor, groove width 10 mm (13/32"), black plastic		25369
	Spring-loaded door stop for door weight up to 120 kg (264 lbs.) integrated in HAWA-Junior 120 running track		27202
	Set pour rail de roulement montable et demontable HAWA-Junior 120 (details: → page 68 – 69)		
Further accessories: → pages 68 – 83			

Rattle proof floor guide for wall pocket

The rattle-proof floor guide [groove width 10 mm (13/32") is now 35 mm (1 3/8") long and laterally adjustable. It enables the door to be pushed into a finished wall pocket.

The following factors play a role in calculating the width of the sliding door:

- Open or closed guide groove
- Design with or without a door push-out (spring-loaded door stop no. 27200)



STB = LMB + P1 + 30 mm (1 3/16")

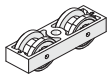
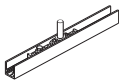
Planning/installation

For planning and execution please use the installation instructions code 17689. (→ www.hawa.ch → HAWA-Productfinder)
HAWA-Junior hardware may also be used for glass sliding doors. Please request the corresponding documentation.

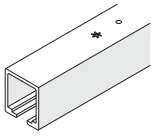
Set for single door, without running track

	code
HAWA-Junior 120/B	25908
HAWA-Junior 120/B, with 2 track stops	26042
For two-panel sliding doors please order two sets for single doors.	

Set comprising

		25908	26042	code
	Two-wheeled trolley, M12, with plastic wheels	2	2	25900
	Top fixed suspension with plate and hanger bolt M12	2	2	14934
	Cover cap for top fixed suspension, plastic anthracit-grey RAL 7016	2	2	20907
	Track stop, adjustable retaining force	1	2	14858
	Screw-on rubber door stop	1	1	10629
	Guide, rattle proof, for screw mounting to floor, groove width 10 mm (13/32"), black plastic	1	1	14427
	Suspension assembly locking wrench	1	1	14861

Running tracks

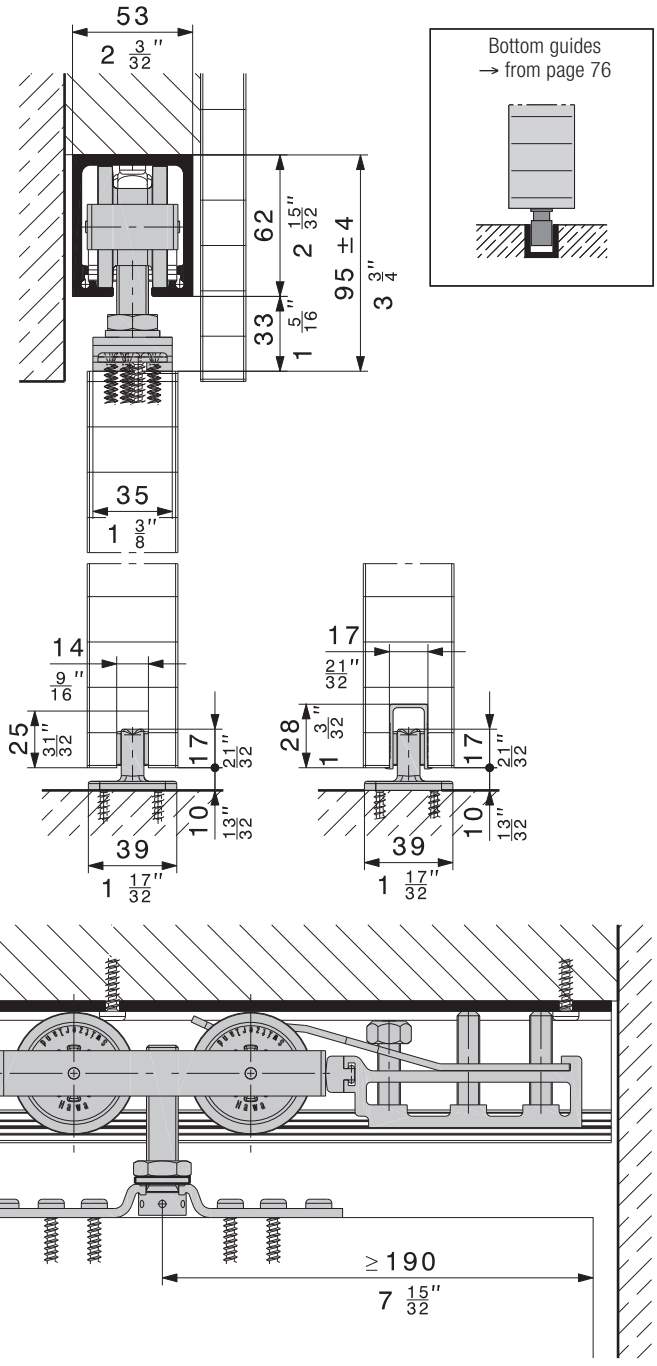
Caution: Hole positions vary		mm/inch	code
	Running track, alu plain anodized, predrilled	2500 (8'2 7/16")	14866
		3000 (9'10 1/8")	14867
		4000 (13'1 1/2")	14868
		6000 (19'8 7/32")	14869
		cut to size	14871

Fitting sets to HAWA-Adapto 120

	mm/inch	code
Fitting sets to HAWA-Adapto 120 with pan head screws	to 2500 (8'2 7/16")	20232
The inset profile system HAWA-Adapto allows to ingest HAWA-Junior 120 running tracks in concrete ceilings. Details: → page 70	2501 to 4000 (8'2 15/32" to 13'1 1/2")	20233
	4001 bis 6000 (13'1 17/32" to 19'8 7/32")	20234

→ SoftMove 120 soft closing mechanism for Hawa-Junior 120 on page 22

Hardware system for sliding doors weighing up to 160 kg (352 lbs.).



Bottom guides
→ from page 76

Description

The HAWA-Junior 160/A is a hardware system with bracket suspension for wooden and metal doors weighing up to 160 kg (352 lbs.).

Features of the HAWA-Junior 160/A

- Galvanized steel top fixing plate for bolting or welding
- Robust
- Light and silent action
- Vertically [± 4 mm (5/32")] and laterally adjustable
- Track stop, adjustable retaining force

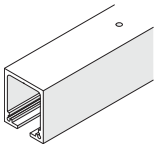
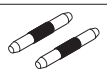
Set for single sliding door, without running track

	code
HAWA-Junior 160/A	11703
HAWA-Junior 160/A, with 2 track stops	26043
For two-panel sliding doors please order two sets for single doors.	

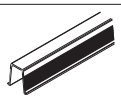
Set comprising

		11703	26043	code
	Two-wheeled trolley, M14, with plastic wheels	2	2	10416
	Top fixing plate, galvanized steel, with hanger bolt M14 and fixing screws	2	2	10478
	Track stop, adjustable retaining force	1	2	10639
	Screw-on rubber door stop	1	1	13114
	Guide, rattle proof, for screw mounting to floor, groove width 14 mm (9/16"), black plastic	1	1	14711

Running tracks

Caution: Hole positions vary		mm/inch	code
	Running track, alu plain anodized, predrilled	3000 (9'10 1/8")	24608
		4000 (13'1 1/2")	24607
		5000 (16'4 27/32")	24606
		6000 (19'8 7/32")	24605
		cut to size	24609
	Connecting pins for profiles, set of 2 pieces		21347

Accessories

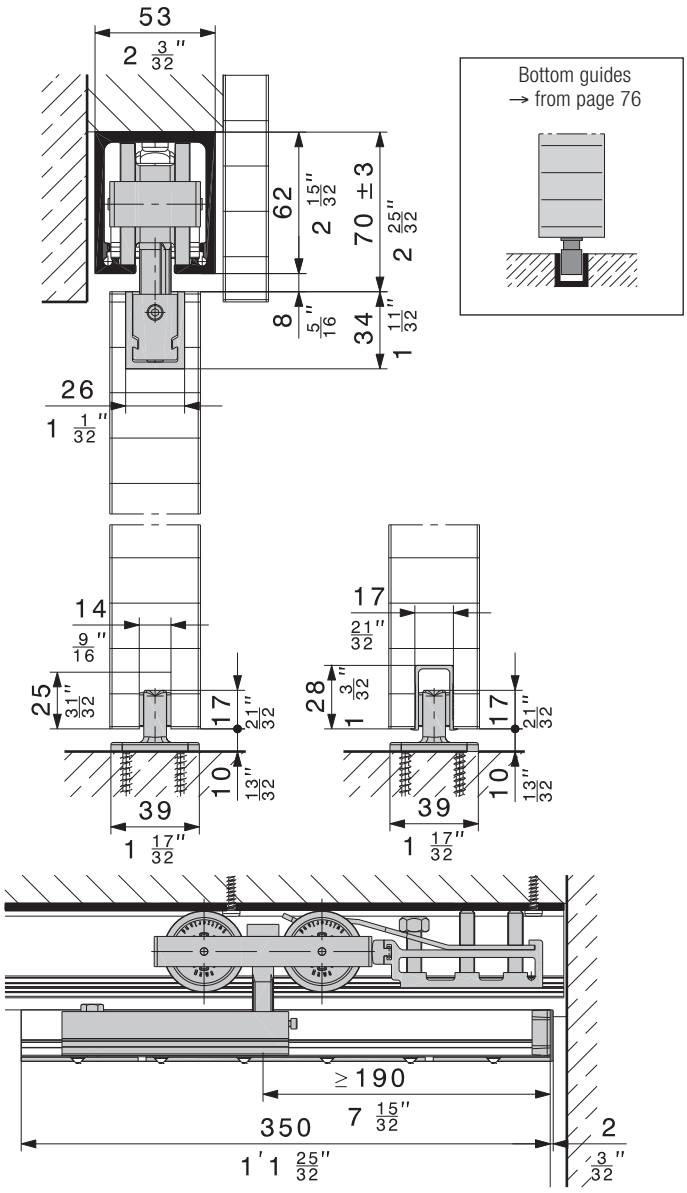
Caution: Minor differences in colour are possible			code
	Guide profile plastic, black, 3000 mm (9'10 1/8"), groove mounted, set of 5 pieces		14963
	Bottom door stop with centering assembly	dull chromium finish	20773
		stainless steel effect	21473
Further accessories: → pages 68 – 83			

Planning/installation

For planning and execution please use the installation instructions code 17689. (→ www.hawa.ch → HAWA-Productfinder)

HAWA-Junior hardware may also be used for glass sliding doors. Please request the corresponding documentation.

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



Bottom guides
→ from page 76

Hardware system for sliding doors weighing up to 160 kg (352 lbs.). For low headroom applications.

Description

The HAWA-Junior 160/B is a hardware system with top fixed suspension for low headroom applications and for sliding doors with a weight of up to 160 kg (352 lbs.).

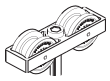
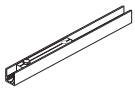
Features of the HAWA-Junior 160/B

- Top fixed suspension
- Low headroom applications
- Light and silent action
- Adjustable vertically ± 3mm (1/8")
- Track stop, adjustable retaining force

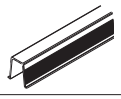
Set for single sliding door, without running track

	code
HAWA-Junior 160/B	11695
HAWA-Junior 160/B, with 2 track stops	26044
For two-panel sliding doors please order two sets for single doors.	

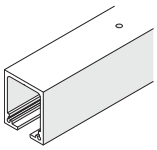
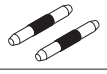
Set comprising

		11695	26044	code
	Two-wheeled trolley, M14, with plastic wheels, with hanger bolt M14	2	2	10424
	Top fixed supension, with plate, M14	2	2	10491
	Cover cap for top fixed suspension, plastic anthracit-grey RAL 7016	2	2	20907
	Track stop, adjustable retaining force	1	2	10639
	Screw-on rubber door stop	1	1	13114
	Guide, rattle proof, for screw mounting to floor, groove width 14 mm (9/16"), black plastic	1	1	14711

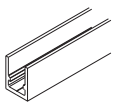
Accessories

Caution: Minor differences in colour are possible			code
	Guide profile plastic, black, 3000 mm (9'10 1/16"), groove mounted, set of 5 pieces		14963
	Bottom door stop with centering assembly	dull chromium finish	20773
		stainless steel effect	21473
Further accessories: → pages 68 – 83			

Running tracks

Caution: Hole positions vary		mm/inch	code
	Running track, alu plain anodized, predrilled	3000 (9'10 1/8")	24608
		4000 (13'1 1/2")	24607
		5000 (16'4 27/32")	24606
		6000 (19'8 7/32")	24605
		cut to size	24609
	Connecting pins for profiles, set of 2 pieces		21347

Suspension profiles

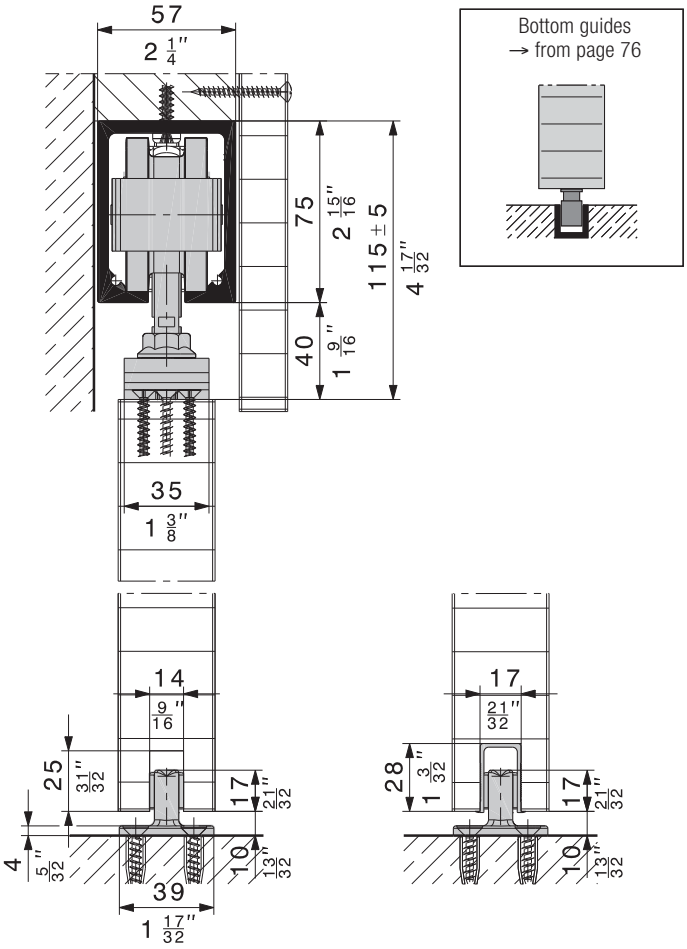
		mm/inch	code
	Suspension profile, alu plain anodized, predrilled	6500 (21'3 29/32")	10346
		cut to size	10347
To spread out the door weight for heavy sliding doors we recommend using a continuous suspension profile.			

Planning/installation

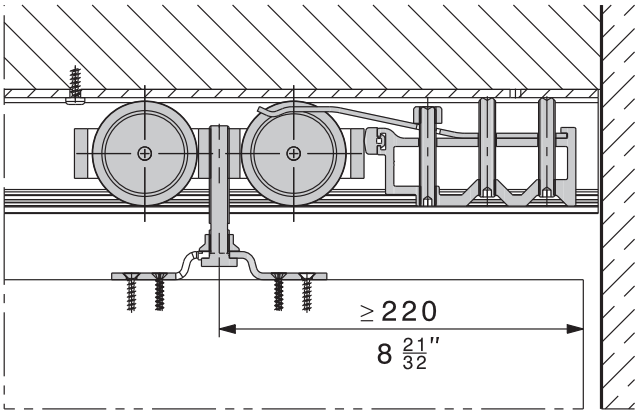
For planning and execution please use the installation instructions code 17689. (→ www.hawa.ch → HAWA-Productfinder)

HAWA-Junior hardware may also be used for glass sliding doors. Please request the corresponding documentation.

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



Bottom guides
→ from page 76



Hardware system for sliding doors weighing up to 250 kg (550 lbs.).

Description

The HAWA-Junior 250/A is a hardware system with bracket suspension for wooden and metal doors weighing up to 250 kg (550 lbs.)

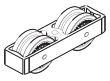
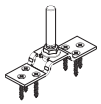
Features of the HAWA-Junior 250/A

- Suspension with top fixing plate
- Robust
- Light and silent action
- Adjustable vertically [± 5 mm (7/32")] and laterally
- Track stop, adjustable retaining force

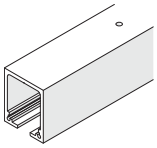
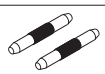
Set for single door, without running track

	code
HAWA-Junior 250/A	20999
HAWA-Junior 250/A, with 2 track stops	26045
For two-panel sliding doors please order two sets for single doors.	

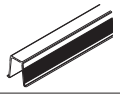
Set comprising

		20999	26045	code
	Two-wheeled trolley, M12, with plastic wheels	2	2	20731
	Top fixing plate, galvanized steel, with hanger bolt M12 and fixing screws	2	2	20992
	Track stop, adjustable retaining force	1	2	20995
	Screw-on rubber door stop	1	1	13114
	Guide, rattle proof, for screw mounting to floor, groove width 14 mm (9/16"), black plastic	1	1	14711
	Suspension assembly locking wrench	1	1	14861

Running tracks

Caution: Hole positions vary		mm/inch	code
	Running track, alu plain anodized, predrilled	4000 (13'1 1/2")	20988
		6000 (19'8 7/32")	20612
		cut to size	20990
	Connecting pins for profiles, set of 2 pieces		21347

Accessories

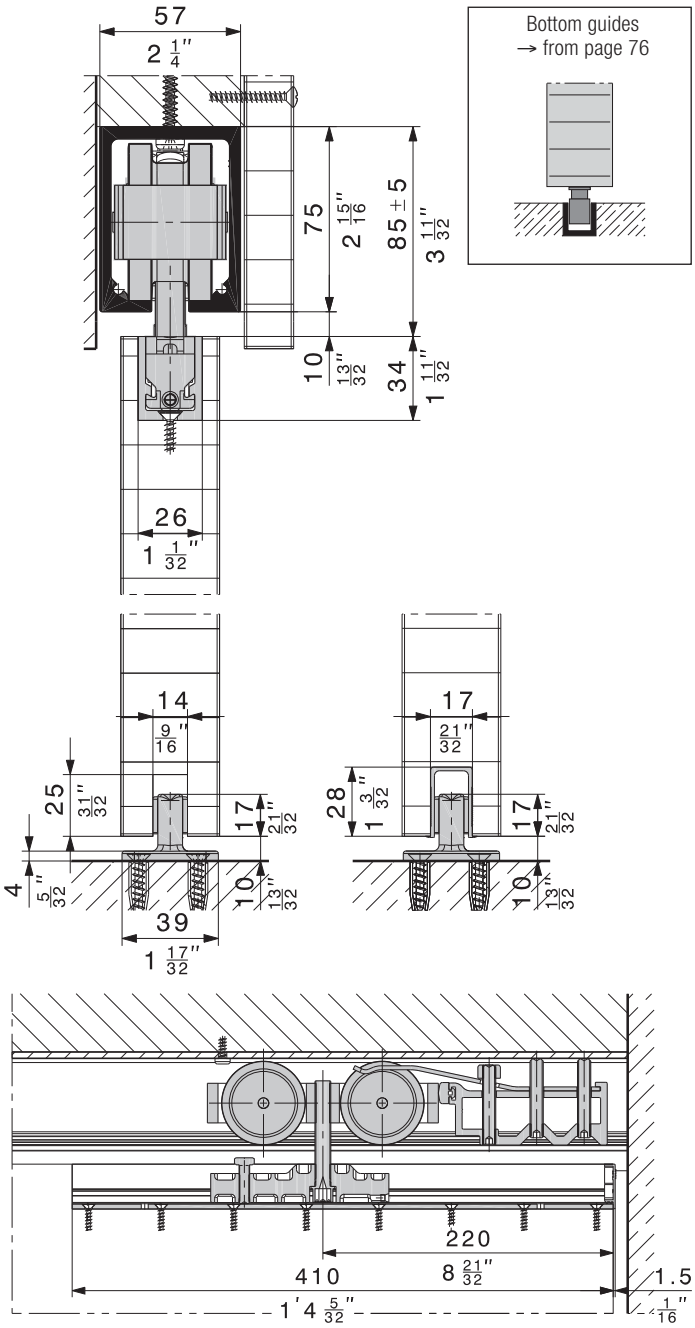
Caution: Minor differences in colour are possible			code
	Guide profile plastic, black, 3000 mm (9'10 1/8"), groove mounted, set of 5 pieces		14963
	Bottom door stop with centering assembly	dull chromium finish	20773
		stainless steel effect	21473
Further accessories: → pages 68 – 83			

Planning/installation

For planning and execution please use the installation instructions instructions code 17689. (→ www.hawa.ch → HAWA-Productfinder)

HAWA-Junior hardware may also be used for glass sliding doors. Please request the corresponding documentation.

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



Hardware system for sliding doors weighing up to 250 kg (550 lbs.). For low headroom applications.

Description

The HAWA-Junior 250/B is a hardware system with top fixed suspension for low headroom applications and for sliding doors with a weight of up to 250 kg (550 lbs.).

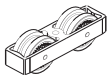
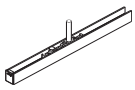
Features of the HAWA-Junior 250/B

- Top fixed suspension
- Low headroom applications
- Light and silent action
- Adjustable vertically ± 5 mm ($\frac{7}{32}$")
- Track stop, adjustable retaining force

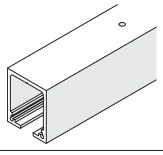
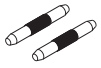
Set for single door, without running track

	code
HAWA-Junior 250/B	21001
HAWA-Junior 250/B, with 2 track stops	26046
For two-panel sliding doors please order two sets for single doors.	

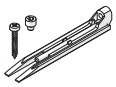
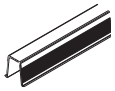
Set comprising

		21001	26046	code
	Two-wheeled trolley, M12, with plastic wheels	2	2	20731
	Top fixed suspension 410 mm (1'4 5/32"), with plate and hanger bolt M12	2	2	21005
	Cover cap for top fixed suspension, plastic anthracit-grey RAL 7016	2	2	20907
	Track stop, adjustable retaining force	1	2	20995
	Screw-on rubber door stop	1	1	13114
	Guide, rattle proof, for screw mounting to floor, groove width 14 mm (9/16"), black plastic	1	1	14711
	Suspension assembly locking wrench	1	1	14861

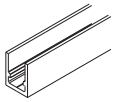
Running tracks

Caution: Hole positions vary		mm/inch	code
	Running track, alu plain anodized, predrilled	4000 (13'1 1/2")	20988
		6000 (19'8 7/32")	20612
		cut to size	20990
	Connecting pins for profiles, set of 2 pieces		21347

Accessories

Caution: Minor differences in colour are possible			code
	HAWA-Assembly wedge for sliding doors running in the ceiling, set for 1 sliding door (→ installation drawing page 75)		15770
	Guide profile plastic, black, 3000 mm (9'10 1/8"), groove mounted, set of 5 pieces		14963
	Bottom door stop with centering assembly	dull chromium finish	20773
		stainless steel effect	21473
Further accessories: → pages 68 – 83			

Suspension profiles

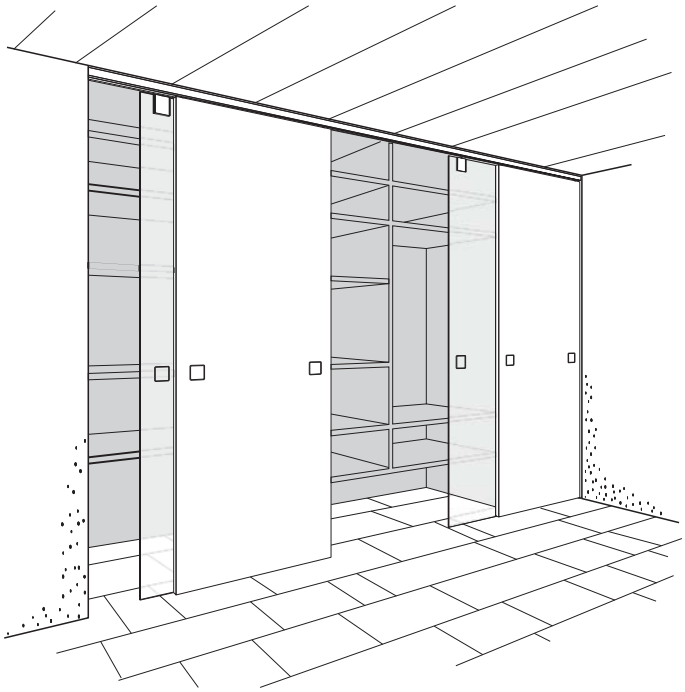
		mm/inch	code
	Suspension profile, alu plain anodized, predrilled	6500 (21'3 23/32")	10346
		cut to size	10347
To spread out the door weight for heavy sliding doors we recommend using a continuous suspension profile.			

Planning/installation

For planning and execution please use the installation instructions code 17689. (→ www.hawa.ch → HAWA-Productfinder)

HAWA-Junior hardware may also be used for glass sliding doors. Please request the corresponding documentation.

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



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

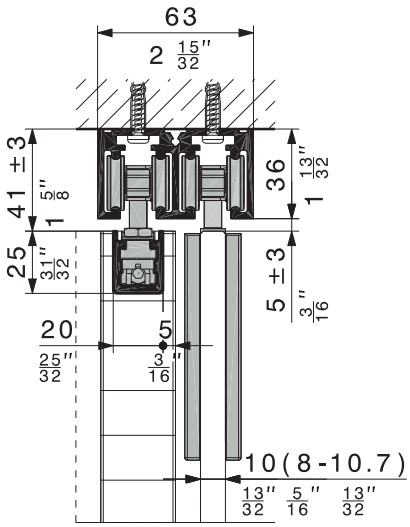
A fit-anywhere, frameless sliding hardware system for wooden and glass sliding doors weighing up to 70 kg (154 lbs.). Ideal not only for walk-in closets, but also for room-height and flexible partitions in residential and office settings. The possibility of combining glass and wood sliding doors gives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

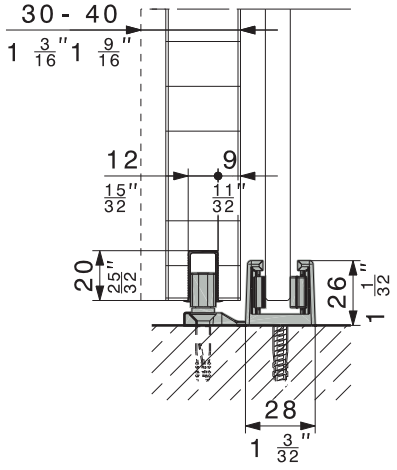
Applications

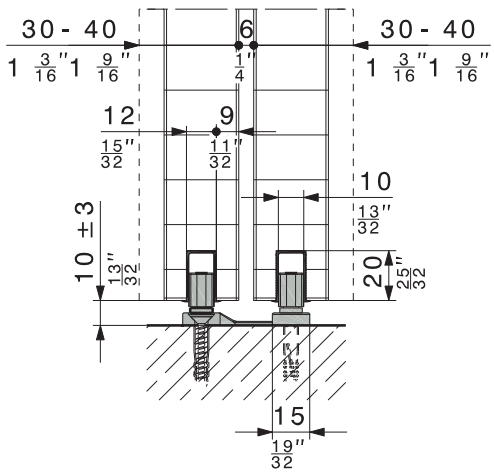
Everywhere that variable space utilisation and unrestricted access should leave a tidy impression, e.g. walk-in closets for office and residential settings, and as a partition or aesthetic room divider in hotels, restaurants, hospitals, schools, offices, and private residential interiors.

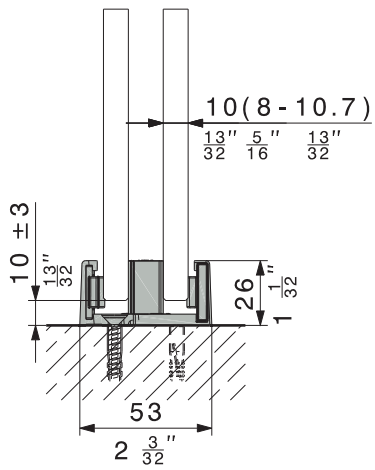
Features of the HAWA-Ordena 70/P

- 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 running track and the top edge of the sliding door
- Glass doors use popular HAWA-Junior GP suspensions







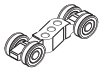
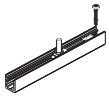


Subject to modification. Metric specifications are exact. Inches are approximate.

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

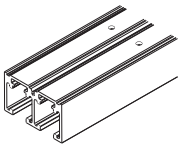
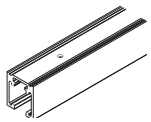
Door stop sets

	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 ($\frac{4}{8}$") short version	1	1	1	10785
	Vertical adjustment pin	1	1	1	16329

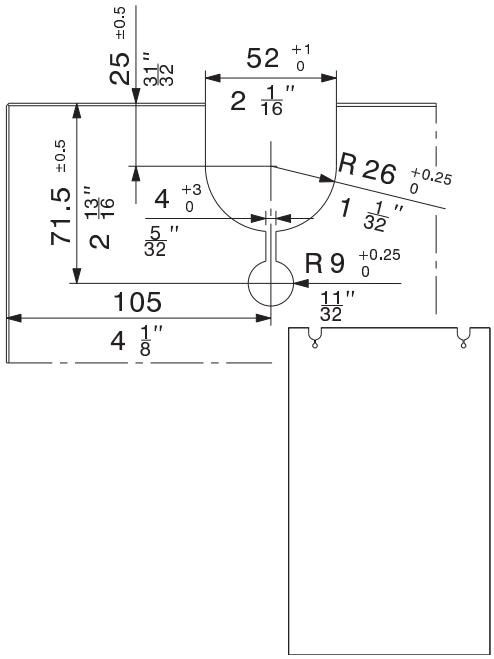
Running tracks

Caution: Hole positions vary		mm/inch	code
	Dual running 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 running 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

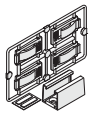
Glass cutouts for sliding door

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

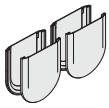
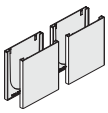
- Glass thickness sliding door ESG (fully tempered monolithic glass): 8/10 mm ($\frac{5}{16}$"/$\frac{13}{32}$"), thickness tolerance ± 0,3 mm
- Glass thickness sliding door VSG (fully tempered laminated glass): 2x4 ± 0,2 mm → film thickness 0,38/0,76/1,52 mm
  2x5 ± 0,2 mm → film thickness 0,38/0,76 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

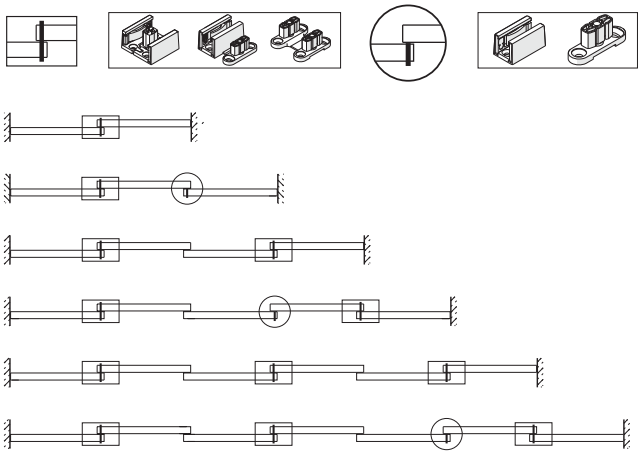
		code
	Dual floor guide, rattle-proof, glass/glass, inc. self-adhesive sliders for satinised glass, dull chromium finish	19138
	Dual floor guide, rattle-proof, glass/wood, inc. self-adhesive sliders for satinised glass, dull chromium finish	19139
	Dual floor guide, screw mounting, rattle proof, wood/wood	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

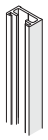
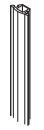
			code
	Rounded cover plate, plastic, dull chromium finish	1 piece	16049
		4-pieces set	16042
	Rounded cover plate, plastic, polished chromium finish	1 piece	17161
		4-pieces set	17160
	Rounded cover plate, plastic, brass polished	1 piece	16050
		4-pieces set	16043
	Rounded cover plate, plastic, stainless-steel 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.

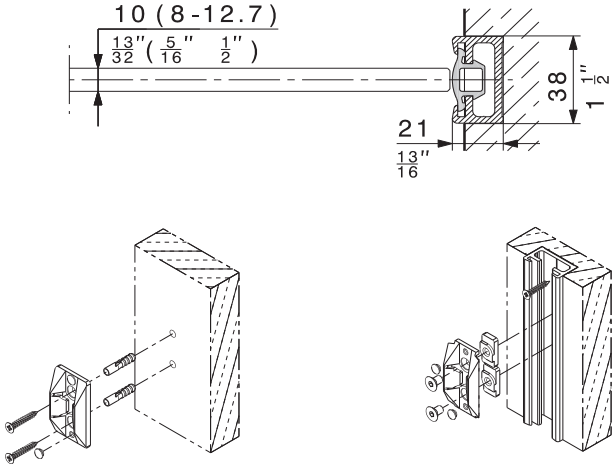


Wall connection profile

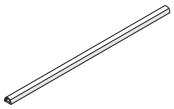
Caution: Minor differences in colour are possible			mm/inch	code
	Wall profile, alu, undrilled	plain anodized	2500 (8'2 7/16")	17020
			3500 (11'5 13/16")	17021
		stainless-steel effect, brushed	2500 (8'2 7/16")	20119
			3500 (11'5 13/16")	20120
	Seal profile, black, for wall profile		roll of 2500 (8'2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

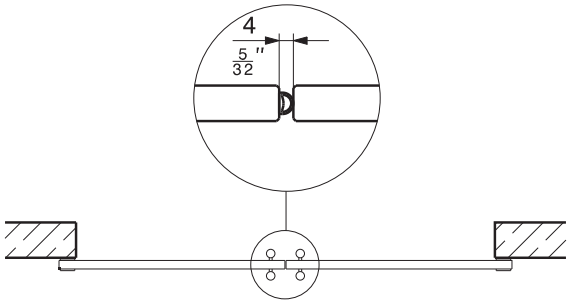


Rubber profile for glass edge protection

		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 – 83

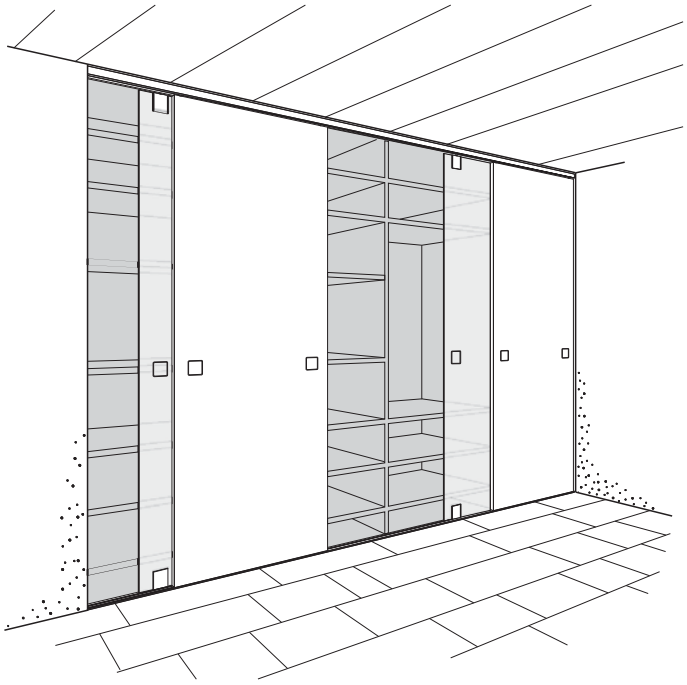
Order specifications

- Type and quantity of partial sets
- Type and quantity of door stop sets
- Type and quantity of floor guides
- Type and length of running 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

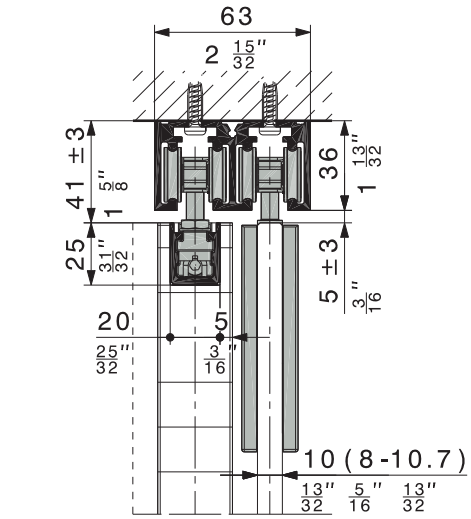
A fit-anywhere, frameless sliding hardware system for wooden and/or glass sliding doors weighing up to 70 kg (154lbs.). Ideal not only for walk-in closets, but also for room-height and flexible partitions in residential and office settings. The possibility of combining glass and wood sliding doors gives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

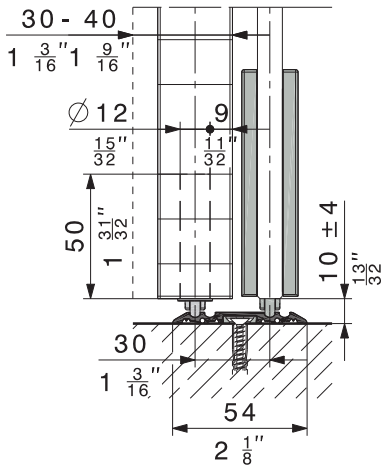
Applications

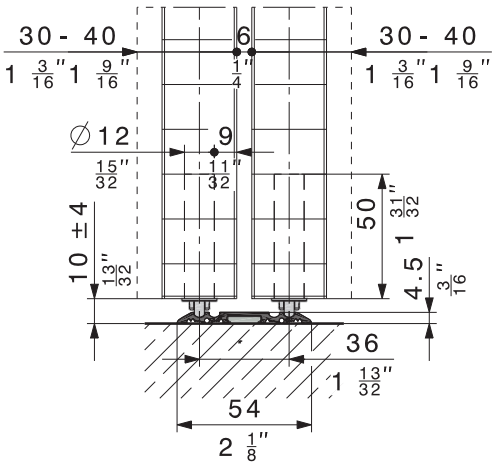
Everywhere that variable space utilisation and unrestricted access should leave a tidy impression, e.g. walk-in closets for office and residential settings, and as a partition or aesthetic room divider in hotels, restaurants, hospitals, schools, offices and private residential interiors.

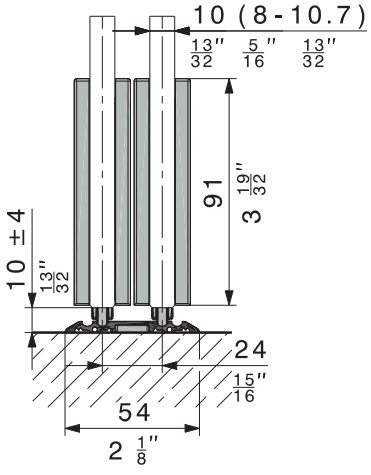
Features of the HAWA-Ordena 70/F

- 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 running track and the top edge of the sliding doors







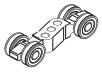
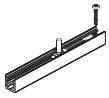


Subject to modification. Metric specifications are exact. Inches are approximate.

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

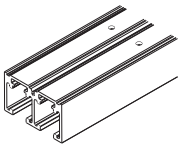
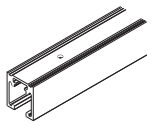
Door stop sets

	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

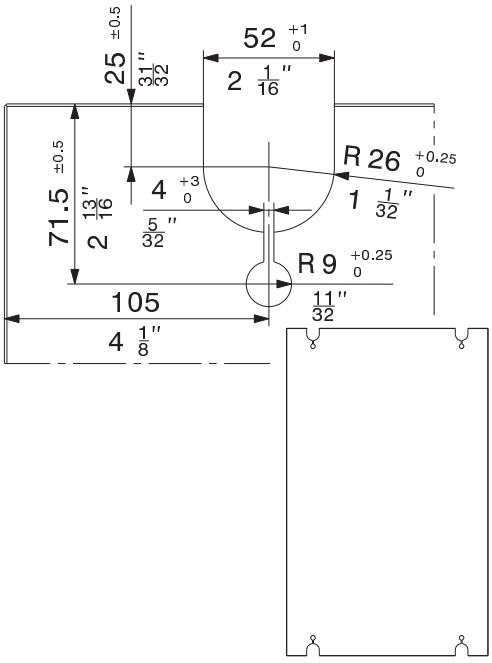
Running tracks

Caution: Hole positions vary		mm/inch	code
	Dual running 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 running 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

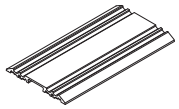
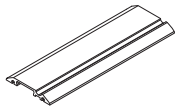
Glass cutouts for sliding door

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

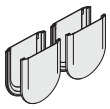
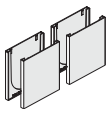


Floor guides/bottom guide profile

			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

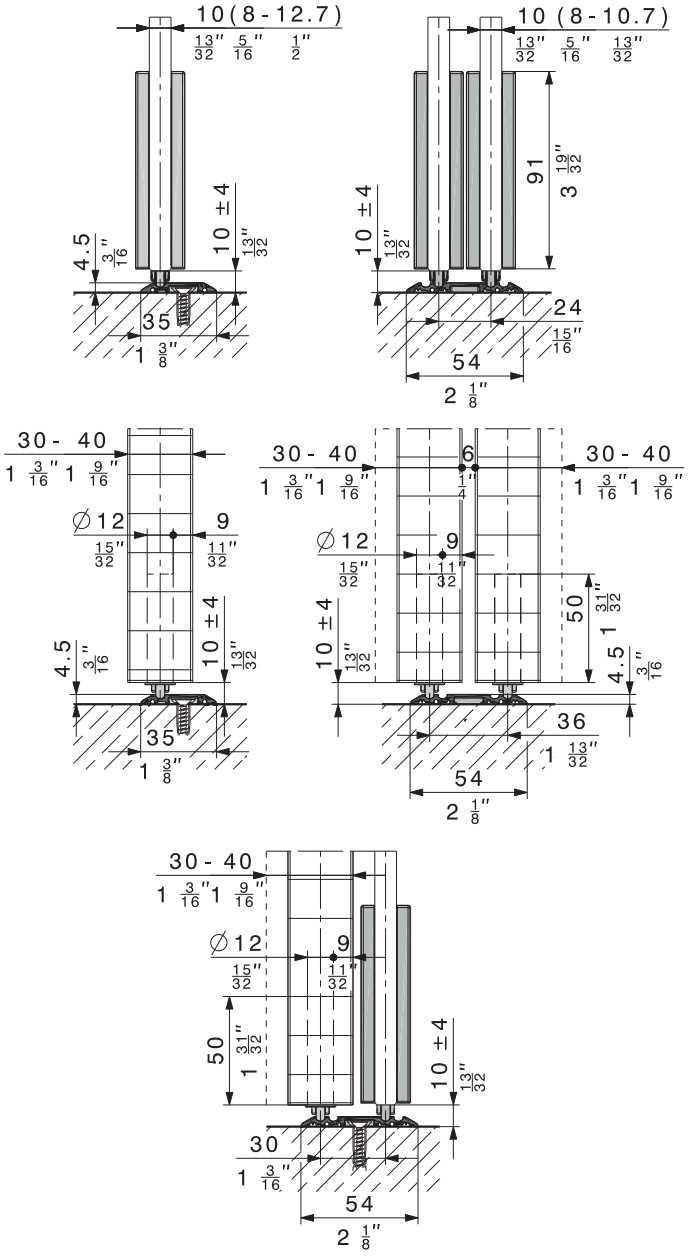
For more guide options: → page 76

Cover plates

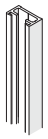
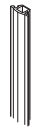
			code
	Rounded cover plate, plastic, dull chromium finish	1 piece	16049
		4-pieces set	16042
	Rounded cover plate, plastic, polished chromium finish	1 piece	17161
		4-pieces set	17160
	Rounded cover plate, plastic, brass polished	1 piece	16050
		4-pieces set	16043
	Rounded cover plate, plastic, stainless-steel 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.

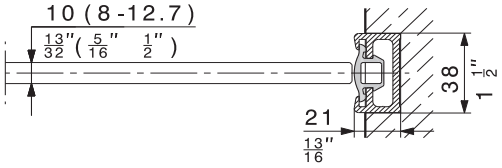


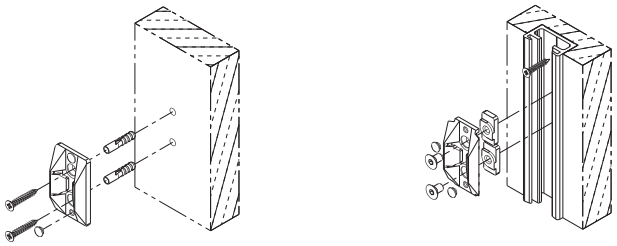
Wall connection profile

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

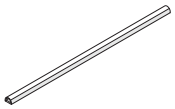
Wall connection profile

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



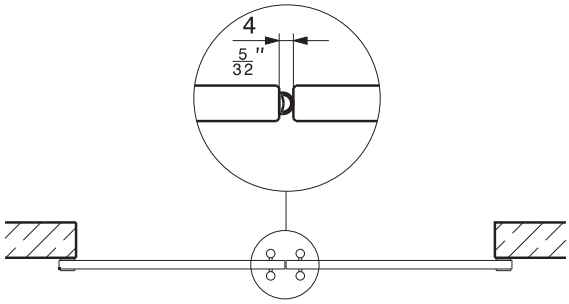


Rubber profile for glass edge protection

		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 68–83

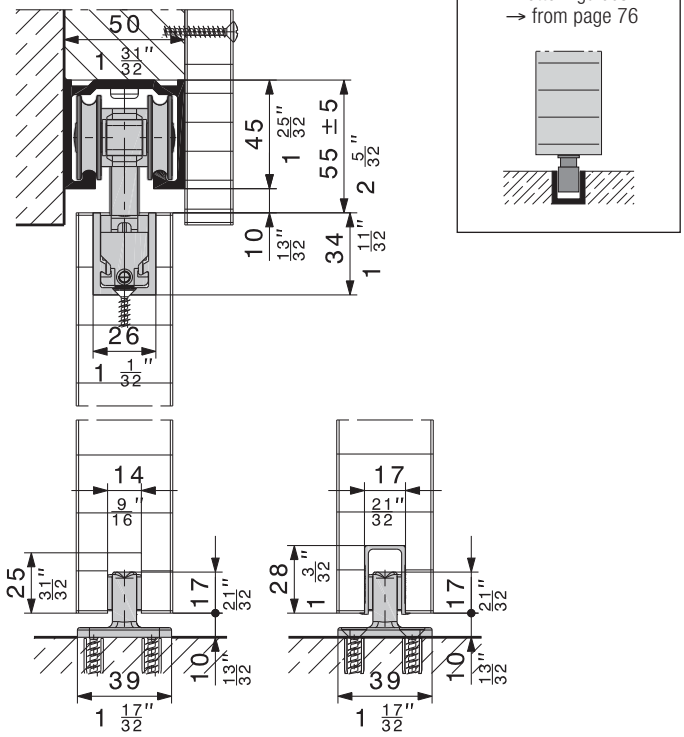
Order specifications

- Type and quantity of partial sets
- Type and quantity of door stop sets
- Type and quantity of floor guides
- Type and length of running 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

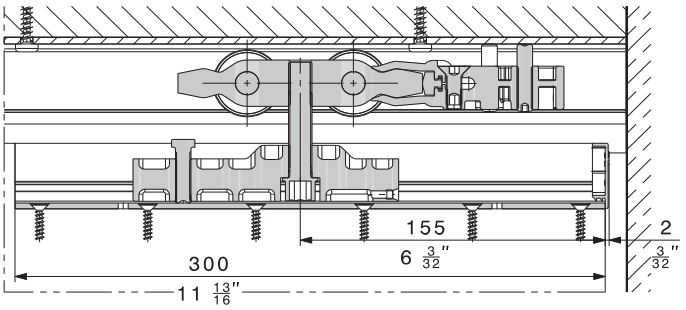
Planning/installation

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.



Bottom guides
→ from page 76



Hardware system for sliding doors weighing up to 150 kg (330 lbs.). For low headroom applications.

Description

The HAWA-Silenta 150/B is a highly reliable hardware system which is characterised by a low installation height, quiet operation and extreme strength.

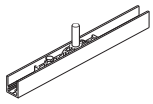
Features of the HAWA-Silenta 150/B

- Low headroom applications 55 mm (2 11/64")
- Plastic-tyred ball bearing wheels
- Track stop, adjustable retaining force
- Lateral fixing of trolleys for sliding doors running in the ceiling
- Vertically adjustable ± 5 mm (7/32")

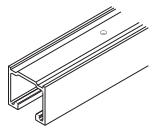
Set for single sliding door, without running track

	code
HAWA-Silenta 150/B	15710
For two-panel sliding doors please order two sets for single doors.	

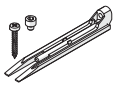
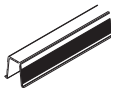
Set comprising

		pieces	code
	Four-wheeled trolley, M12 with plastic-tyred ball bearing wheels	2	15705
	Top fixed suspension, with plate and hanger bolt M12	2	14934
	Cover cap for top fixed suspension, plastic anthracit-grey RAL 7016	2	20907
	Track stop with retaining effect	1	15709
	Screw-on rubber door stop	1	13114
	Guide, rattle proof, for screw mounting to floor, groove width 14 mm (9/16"), black plastic	1	14711
	Suspension assembly locking wrench	1	14861

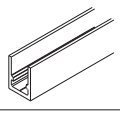
Running tracks

Caution: Hole positions vary		mm/inch	code
	Running track, alu plain anodized, predrilled	2500 mm (8'2 7/16")	13057
		3500 mm (11'5 13/16")	13058
		6000 mm (19'8 7/32")	10096
		cut to size	10098

Accessories

Caution: Minor differences in colour are possible			code
	HAWA-Assembly wedge for sliding doors running in the ceiling, set for 1 sliding door (→ installation drawing page 75)		15770
	Guide profile plastic, black, 3000 mm (9'10 1/8"), groove mounted, set of 5 pieces		14963
	Bottom door stop with centering assembly	dull chromium finish	20773
		stainless steel effect	21473
Further accessories: → pages 68 – 83			

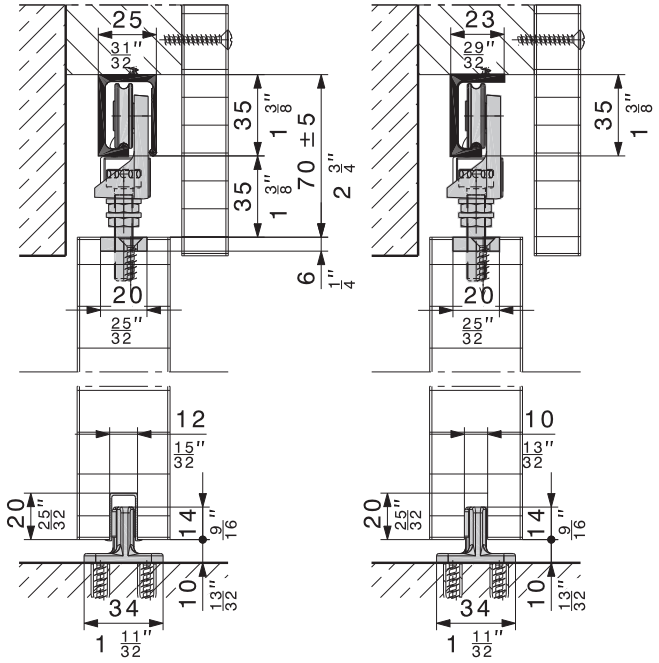
Suspension profiles

		mm/inch	code
	Suspension profile, alu plain anodized, predrilled	6500 (21'3 29/32")	10346
		cut to size	10347
For better distribution of the door weight, for heavy sliding doors we recommend a continuous suspension profile.			

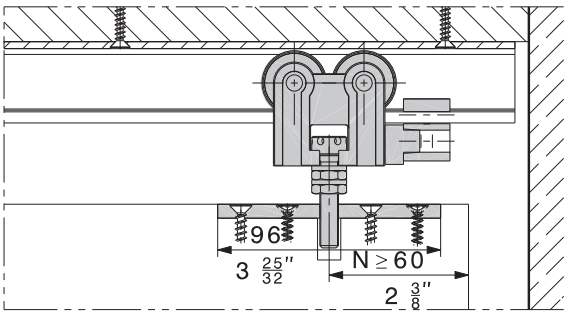
Planning/installation

For planning and execution please use the installation instructions drawing code 15769 and the installation instructions code 15596 for "sliding doors running in the ceiling".
(→ www.hawa.ch → HAWA-Productfinder)

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



Straight sliding doors Curved sliding doors



Hardware system for sliding doors weighing up to 70 kg (154 lbs.). For curved and straight doors.

Description

The HAWA-Media 70 is a highly successful hardware system with top fixing plate. It is especially suitable for curved doors.

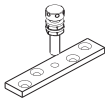
Features of the HAWA-Media 70

- Plastic-tyred ball bearing wheels
- Vertical adjustment ± 5 mm ($\frac{7}{32}$")
- Suitable for use with curved doors
- Minimum radius 500 mm (1'7 $\frac{11}{16}$")

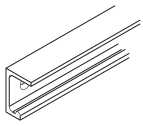
Set for sliding doors, without running track

	panel	code
HAWA-Media 70	1	11666
For two-panel sliding doors please order two sets for single doors.		

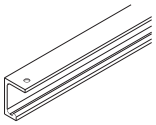
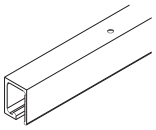
Set comprising

		pieces	code
	Two-wheeled trolley, M8, plastic-tyred ball bearing wheels	2	10370
	Top fixing plate and hanger bolt M8	2	10430
	Track end stop, alu plain anodized	1	10588
	Screw-on wall bumper	1	10584
	Guide, rattle proof, for screw-mounting to floor, groovewidth 10 mm ($\frac{13}{32}$"), black plastic	1	14427

Running tracks for side fitting

Caution: Hole positions vary		mm/inch	code
	Running track, alu plain anodized, predrilled (for use with curved sliding doors) side fixing	6000 mm (19'8 $\frac{7}{32}$")	10123
		cut to size	10126

Running tracks for ceiling fitting

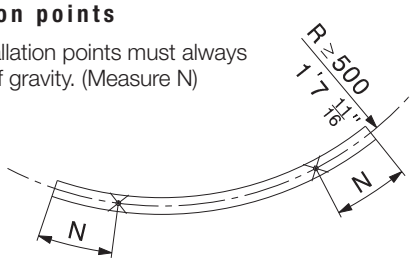
Caution: Hole positions vary		mm/inch	code
	Running track, alu plain anodized, predrilled (for use with curved sliding doors) ceiling fitting	2500 mm (8'2 $\frac{7}{16}$")	12234
		3500 mm (11'5 $\frac{13}{16}$")	12235
		6000 mm (19'8 $\frac{7}{32}$")	10127
		cut to size	10130
	Running track, alu plain anodized, predrilled (for use with straight sliding doors) ceiling fixing	2500 mm (8'2 $\frac{7}{16}$")	12236
		3500 mm (11'5 $\frac{13}{16}$")	12237
		6000 mm (19'8 $\frac{7}{32}$")	10144
		cut to size	10146

Accessories

Caution: Minor differences in colour are possible			code
	Bottom door stop with centering assembly	dull chromium finish	20773
		stainless steel effect	21473
Further accessories: → pages 68 – 83			

Installation points

The trolley installation points must always be in the axis of gravity. (Measure N)



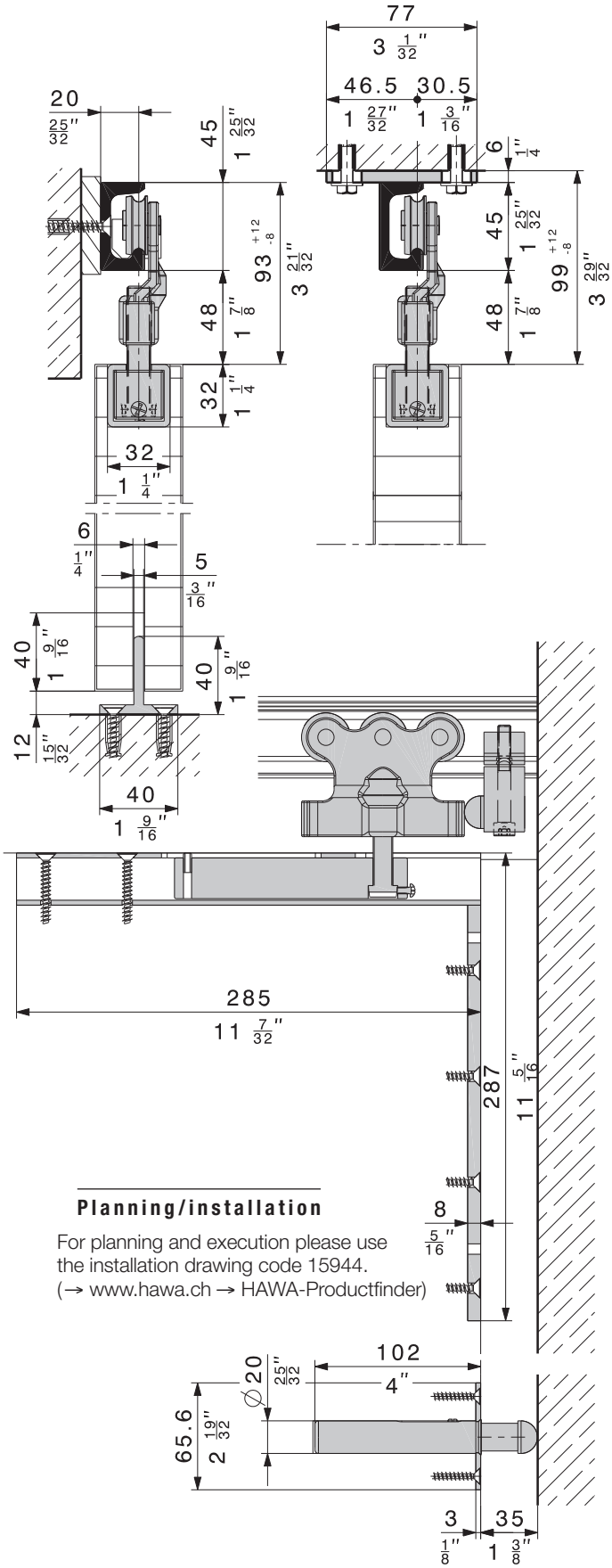
Ordering specifications for curved sliding doors

- Quantity and type of hardware sets
- Sketch of layout
- Axis radius

Ordering specifications for straight sliding doors

- Quantity and type of hardware sets
- Type and length of running tracks

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



Planning/installation

For planning and execution please use the installation drawing code 15944.
(→ www.hawa.ch → HAWA-Productfinder)

Hardware system for sliding doors weighing up to 500 kg (1100 lbs.). Suitable for use with fire-retarding sliding doors.

Description

The HAWA-Super 500/A is a highly reliable hardware system for heavy sliding doors with suspension brackets.

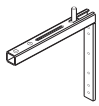
Features of the HAWA-Super 500/A

- Trolley with ball-bearing steel wheels
- Simple installation
- Extremely robust
- Vertically adjustable +12/-8 mm (+15/32"/-5/16")
- For use with fire-retarding sliding doors

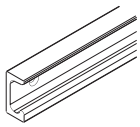
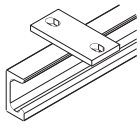
Sets for sliding doors, without running track

	code
HAWA-Super 500/A	11673
For two-panel sliding doors please order two sets for single doors.	

Set comprising

		pieces	code
	Three-wheeled trolley, M12, steel ball bearing wheels	2	10361
	Top and edge fixing bracket, with suspension plate and hanger bolt M12	2	10442
	Spring-loaded mortise-type door stop, galvanized steel, screw-fit	2	10591
	Floor-mounted guide, galvanized steel, groove width 5 mm (7/32")	1	10508

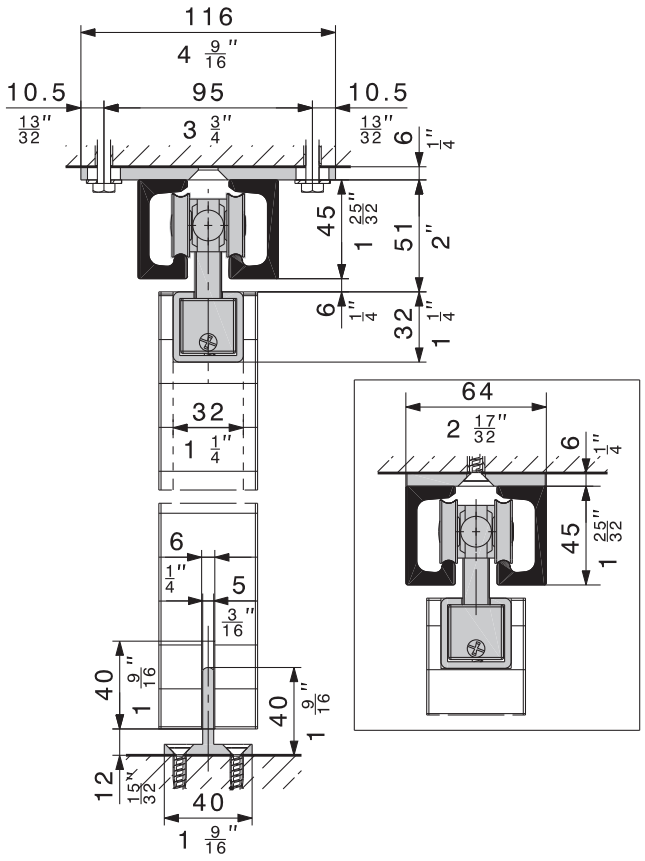
Running tracks

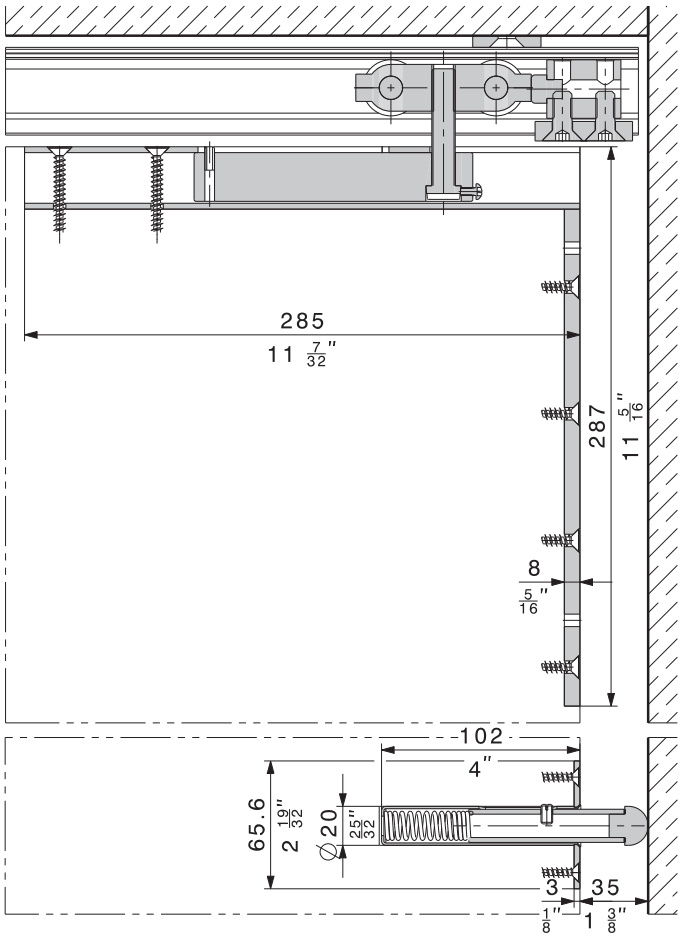
Caution: Hole positions vary			mm/inch	code
	Single running track, stainless steel, WNR 1.4301/AISI 304	side drilled	6000 mm (19'8 7/32")	18033
			cut to size	18034
	Single running track, stainless steel, WNR 1.4301/AISI 304	top-mounting flanges	6000 mm (19'8 7/32")	18035
			cut to size	18036

Accessories

			code
	Cover plate for top and edge fixing bracket	steel, dull nickel finish	10499
		brass brushed	10500
	Track stop, to be drilled into the track	galvanized steel	10595
Further accessories: → pages 68 – 83			

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





Hardware system for sliding doors weighing up to 500 kg (1100 lbs.). For low headroom applications. Suitable for use with fire-retarding sliding doors.

Description

The HAWA-Super 500/B is a highly successful hardware system for ceiling installation with suspension brackets.

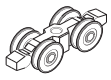
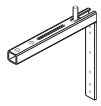
Features of the HAWA-Super 500/B

- Trolley with ball-bearing steel wheels
- Low installation height
- Vertically adjustable ± 2 mm (3/32")
- Components for fire-retarding doors

Set for single sliding door, without running track

	code
HAWA-Super 500/B	11655
For two-panel sliding doors please order two sets for single doors.	

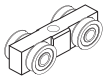
Set comprising

		pieces	code
	Four-wheeled trolley, M12, steel ballbearing wheels	2	10362
	Top and edge fixing bracket, withsuspension plate and hanger bolt M12	2	10442
	Spring-loaded mortise-type door stop galvanized steel, screw-fit	2	10591
	Floor-mounted guide, galvanized steel, groove width 5 mm (7/32")	1	10508

Dual running tracks

Caution: Hole positions vary		mm/inch	code
	Dual running track, stainless steel, WNR 1.4301/AISI 304, with top mounting flanges	6000 (19'8 7/32")	18039
		cut to size	18040
	Dual running track, stainless steel, WNR 1.4301/AISI 304, with flush mounting flanges	6000 (19'8 7/32")	18496
		cut to size	18497

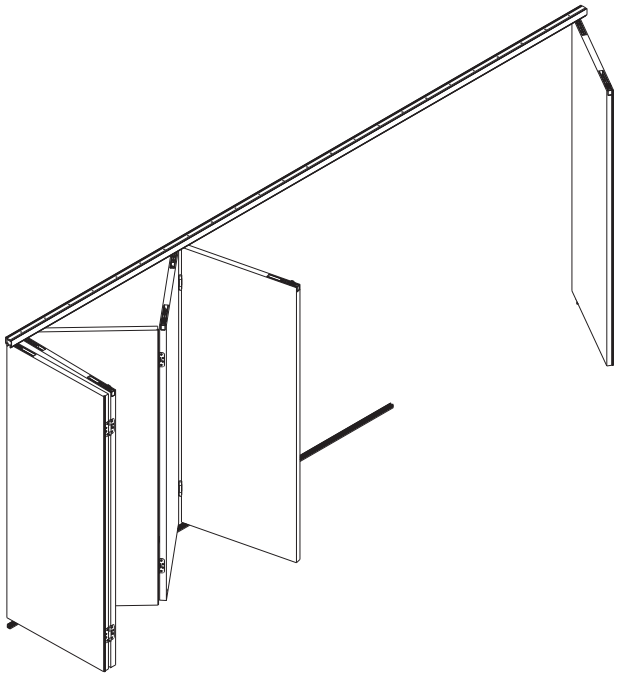
Accessories

			code
	Four-wheeled trolley, M12, steel ball bearing wheels (For use with fire-retarding sliding doors)		15558
	Track stop, galvanized steel, to be drilled into the track		16768
	Cover plate for top and edge fixing bracket	steel, dull nickel finish	10499
		brass brushed	10500
Further accessories: → pages 68 – 83			

Planning/installation

For planning and execution please use the installation drawing code 15945. (→ www.hawa.ch → HAWA-Productfinder)

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



Flush partition walls with flexible folding.

Hardware system for large wooden folding walls with panel weighing up to 80 kg (176 lbs.).

Description

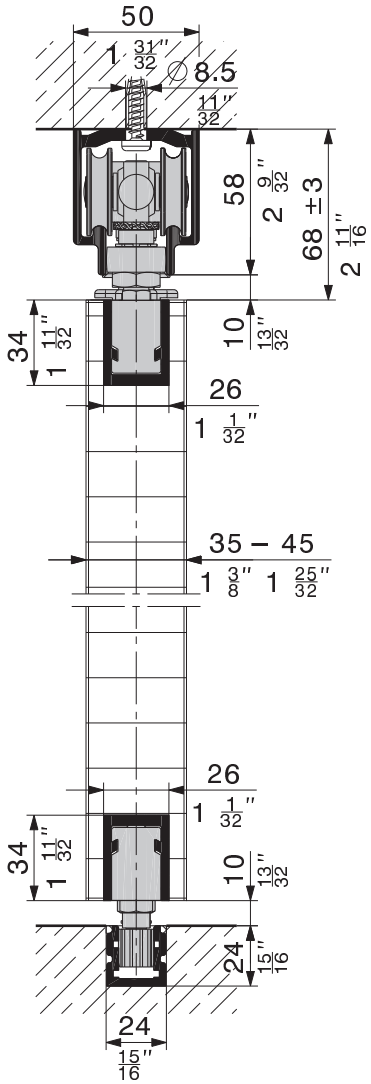
HAWA-Variofold 80/H is a hardware system for wooden folding walls with up to 80 kg (176lbs.) heavy panels. Installations are simple to plan, and quick to assemble. A pivot bearing secures the first panel in the set; the others line by means of elegant, stainless steel hinges that bring the panels closer together and minimise panel stacking space requirements. The panel set and the opposing end may also have a pivot door fitted. Attached to every other panel is a folding-/pivot door catch with an integrated, individually adjustable retainer, to hold the folding wall flush when closed.
With HAWA-Variofold 80/H, panels are quided in a bottom guide channel. Installations with two panels on either side and up to 3,6 m (11'9$\frac{3}{4}$") wide are also possible without a bottom guide channel. A bar bolt lock operated at handle height keeps out unwanted visitors. Alternatively, an unobtrusive deadbolt lock fitted to the bottom edge of the panel provides almost invisible locking.

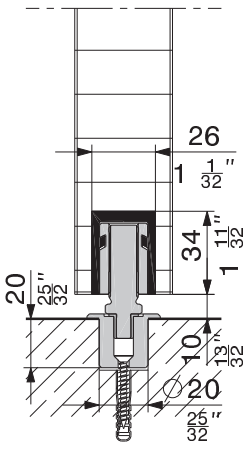
Applications

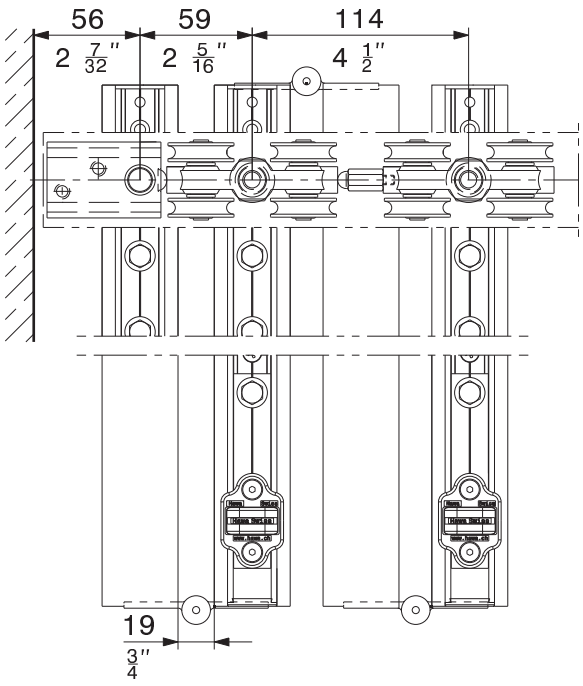
Any situation where a simply operated, high-quality folding system is needed to partition a room. Equally suitabel for residential and commercial settings, e.g. shopping centres, airports, hotels, restaurants and banks. 2-piece thoroughfare doors in place of conventional hinged doors are most convenient in living space designed for handicapped people.

Features of the HAWA-Variofold 80/H

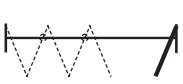
- Minimum panel width 500 mm (1'7$\frac{11}{16}$")
- Maximum panel width 900 mm (2'11$\frac{7}{16}$")
- Panel thickness 35–45 mm (1$\frac{3}{8}$"–1$\frac{25}{32}$")
  [Panel thickness 46–57 mm (1$\frac{13}{16}$"–2$\frac{1}{4}$") available on special request]
- Maximum panel weight 80 kg (176 lbs.)
- Left and right-hand, inwards or outwards-opening installations all use the same components
- A communicating pivot door can be added to the panel stack, or the opposing end
- Equal-width panels for simple planning
- Vertical adjustment ± 3 mm ($\frac{1}{8}$")
- Light and quiet running
- Panel stack stores compactly



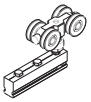
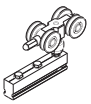
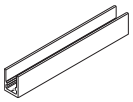
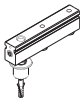




Partial sets without hinges, running track and bottom guide channel

Sets can be individually assembled		code
	Basic set with pivot bearing and guide	19532
	Basic set with pivot bearing without guide	19534
	Additional set with guide	19533
	Pivot door set to folded stack (without trolley and top pivot bearing)	19620
	Pivot door set for installation with bottom guide channel	19618
	Pivot door set for installation without bottom guide channel	19619
HAWA-Variofold 80/H requires a bottom guide channel, except for 2 or 2 + 2 panel installations. (→ installation examples)		

Partial sets comprising

		19532	19534	19533	19620	19618	19619	code
	Top pivot bearing	1	1	–	–	1	1	16485
	Folding-/pivot door catch, adjustable	1	1	1	1	1	1	20426
	Four-wheeled trolley, M10, plastic-tyred wheels and suspension plate	1	1	–	–	–	–	16482
	Four-wheeled trolley, M10, plastic-tyred wheels with suspen-sion plate and spacer	–	–	1	–	–	–	16685
	Suspension profile alu, 208 mm (8 3/16") plain anodized, predrilled	5	4	3	1	3	3	10987
	Thrust bearing for bottom guide channel, including driver	1	–	–	–	1	–	19516
	Thrust bearing sleeve, D = 20 mm (25/32"), including driver	–	1	–	–	–	1	19515
	Guide, rattle proof, plastic, for bottom guide channel 24 x 24 mm (15/16" x 15/16")	1	–	1	–	–	–	19518
	Cover cap for top fixed suspension, plastic anthracit-grey RAL 7016	5	4	3	1	3	3	20907
	Vertical adjustment key	1	1	–	–	–	–	10789
	Suspension assembly locking wrench	1	1	–	–	–	–	14861
	Fork spanner SW 13 mm (17/32")	1	1	–	–	–	–	19128

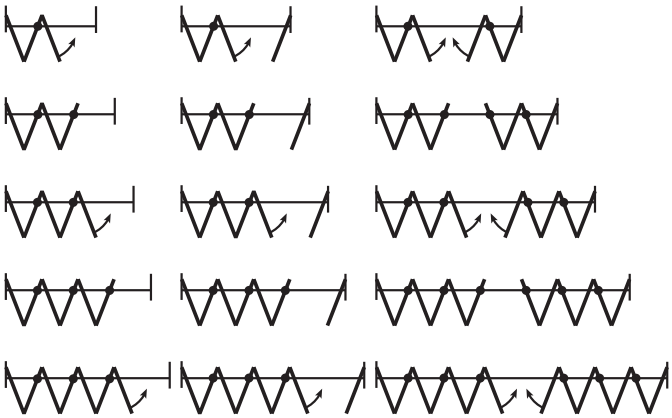
Installation examples

One-sided installations filling an aperture up to 6000 mm (19'8 7/32") width are possible using the 2-panel basic sets, supplementary and pivot door sets – or double this figure for two-sided installations. HAWA-Variofold 80/H requires a bottom guide channel, except for 2 or 2 + 2 panel installations.

Installations with or without a bottom guide channel



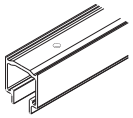
Installations with a bottom guide channel



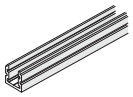
These examples illustrate just some of the possibilities.

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

Running tracks

Caution: Hole positions vary		mm/inch	code
	Running track alu, plain anodized, predrilled	6000 (19'8 7/32")	16852
		cut to size	16853

Bottom guide channel

		mm/inch	code
	Bottom guide channel alu, plain anodized, undrilled	6000 (19'8 7/32")	15405
		cut to size	15554

Hinge

		code
	Stainless steel hinge with heavy load bearings WNR 1.4401/AISI 316, incl. fixing screws	23271

Quantity of hinges per panel joint:
Panel height ≤ 2500 mm (8'2 7/16") = 2 pcs.
Panel height ≤ 3500 mm (11'5 13/16") = 3 pcs.

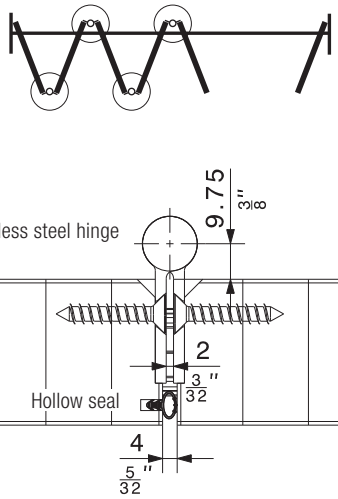
Hollow seal

			code
	Hollow seal, rubber black	Roll of 10 m (32'9 23/32")	19657

Hinge

High loadbearing capacity means that panels up to 2500 mm (8'2 7/16") tall require just two hinges.

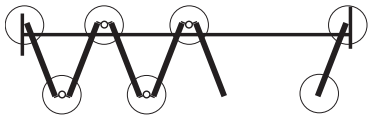
Hinge positions



Hollow seal

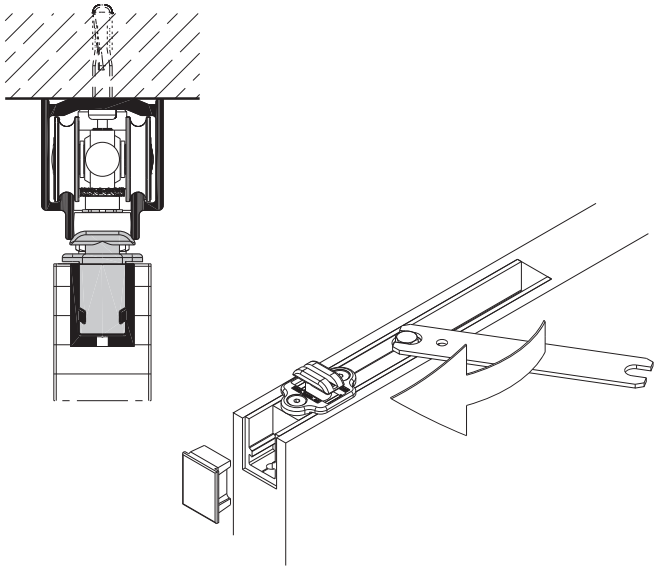
Hollow cross-section seal strips eliminate the problem of light penetrating through gaps between panels.

Hollow seal positions



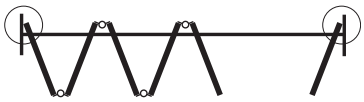
Folding-/pivot door catch

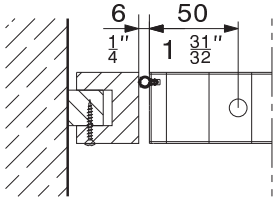
Every other panel has a folding-/pivot door catch (20426). Panels can thus be held flush in position without operating a locking mechanism.



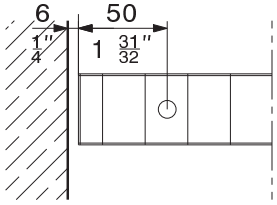
Wall attachment

Hawa AG recommends a compensation strip for optimum wall attachment. In combination with hollow seal code 19657, this results in the elimination of the light gap and reduces draughts to a minimum. Doors that close directly against the wall must have 6 mm (1/4") clearance.





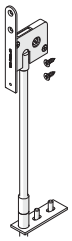
Version A
With premises-fitted compensation strip and hollow seal code 19657



Version B
Direct wall attachment requires 6 mm (1/4") clearance

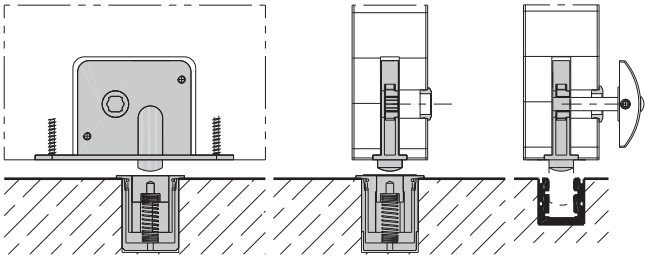
Subject to modification. Metric specifications are exact. Inches are approximate.

Locks

		code
	Deadbolt lock, galv. steel deadbolt 13 mm ($\frac{17}{32}$")	10726
	Bar bolt lock, square/hexagonal socket, backset 42,5 mm ($1\frac{11}{16}$") Assembly dimensions: → page 81	19592
	Thumbturn, chomium finish, for panel thickness 35 to 40 mm ($1\frac{3}{8}$" to $1\frac{19}{32}$")	13789
	Thumbturn, chomium finish, for panel thickness 41 to 57 mm ($1\frac{5}{8}$" to $2\frac{1}{4}$")	19806
	Slip-fit rose, brass dull nickel finish	13858
	Key for deadbolt lock 10726	10723
	Floor-mounted sleeve with oblong hole and chromium plated brass spring cover	13787
	Rosette for floor-mounted sleeve 13787	17326
	Strike plate, chromium-plated steel	13130

Deadbolt lock

The deadbolt lock code 10726 provides unobtrusive, barely visible locking at the panel bottom edge.



Locking with floor-mounted sleeve code 13787

Locking with bottom guide channel code 15554

Order specifications

- Type and quantity of partial sets
- Length of running track
- Length of bottom guide channel
- Quantity of hinges, → calculation details

Optional order specifications

- Type and quantity of locks
- Quantity of hollow seals

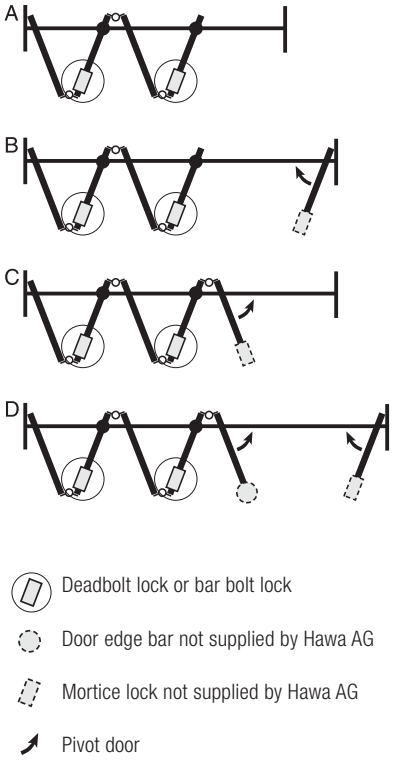
Planning/installation

For planning and installation purposes, please use planning and installation instructions code 19586.
And for door thicknesses 46–57 mm additionally code 20085.
(→ www.hawa.ch → HAWA-Productfinder)

Locks

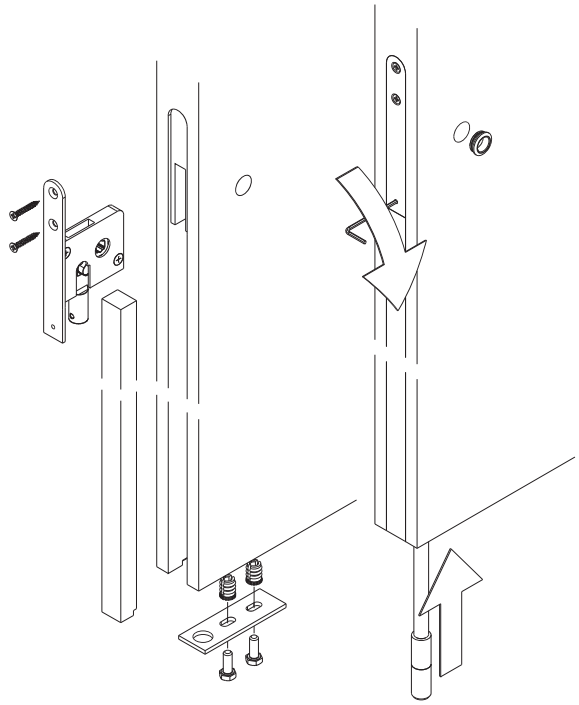
Additional deadbolt or bar bolt locks may be fitted for security, and to keep out unwanted visitors.
Locking from the inside engages the floor-mounted sleeve code 13787 or the bottom guide channel code 15554. Mortice locks can be used to secure pivot doors.

Lock positions

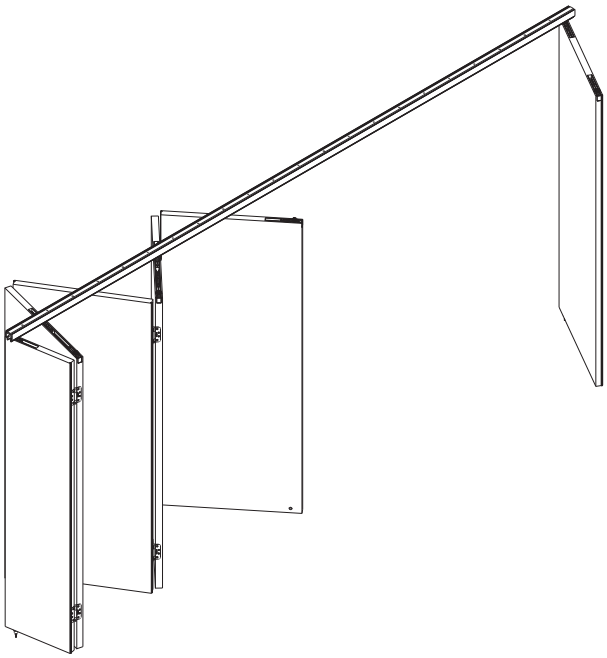


Bar bolt lock

Bar bolt lock code 19592 allows locking the folding wall at handle height.



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



Flush folding partition walls without a bottom guide channel.

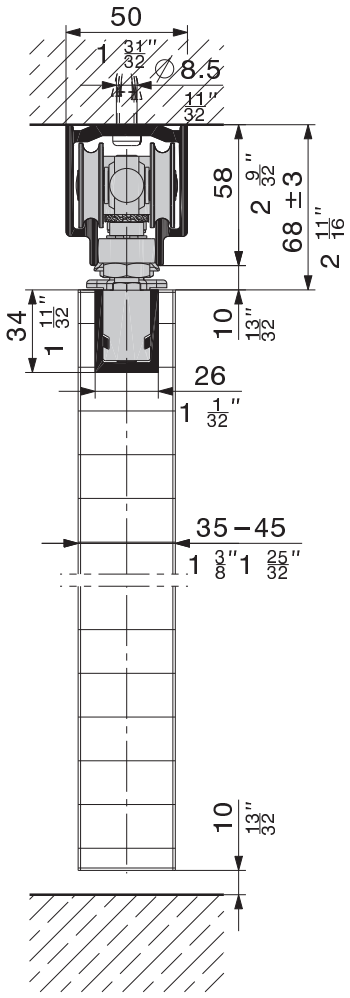
Hardware system for large wooden centre fold walls with panel weighing up to 80 kg (176 lbs.).

Description

HAWA-Centerfold 80/H is a hardware system for wooden centre fold walls with up to 80 kg (176 lbs.) heavy panels. Installations are simple to plan, and quick to assemble. A pivot bearing secures the first panel in the set; the others line up with the help of elegant, stainless steel hinges that bring the panels closer together and minimise the panel stacking space required, the panel set and the opposing end may also have a pivot door fitted. Attached to every other panel is a folding-/ pivot door catch with an integrated, individually adjustable retainer, to hold the centre fold wall flush when closed.
Mid-point panel suspension means that HAWA-Centerfold 80/H installations do not require a bottom guide channel. A bar bolt lock operated at handle height keeps out unwanted visitors. Alternatively, an unobtrusive deadbolt fitted to the bottom edge of the panel provides almost invisible locking. Both locks engage with floor inserts, or a locking plate.

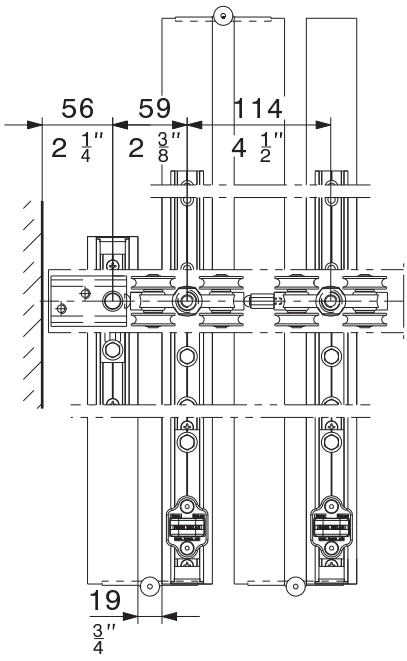
Applications

Any situation where a simply operated, high-quality folding system is needed to partition a room. Equally suitable for residential and commercial settings, e.g. shopping centres, airports, hotels, restaurants and banks. $1\frac{1}{2}$-piece thoroughfare doors in place of conventional hinged doors are most convenient in living space designed for handicapped people.



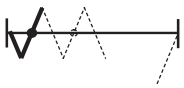
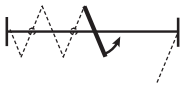
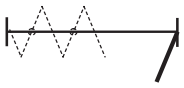
Features of the HAWA-Centerfold 80/H

- Minimum panel width 500 mm (1'7 11/16")
- Maximum panel width 900 mm (2'11 7/16")
- Panel thickness 35–45 mm (1 3/8"–1 25/32")
  [Panel thickness 46–57 mm (1 13/16"–2 1/4") available on special request]
- Maximum panel weight 80 kg (176 lbs.)
- No bottom guide channel
- Left and right-hand, inwards or outwards-opening installations all use the same components
- A communicating pivot door can be added to the panel stack, or the opposing end
- Vertical adjustment ± 3 mm (1/8")
- Light and quiet running
- Panel stack stores compactly

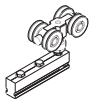
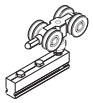
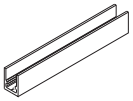
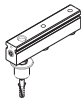


Subject to modification. Metric specifications are exact. Inches are approximate.

Partial sets without hinges and running track

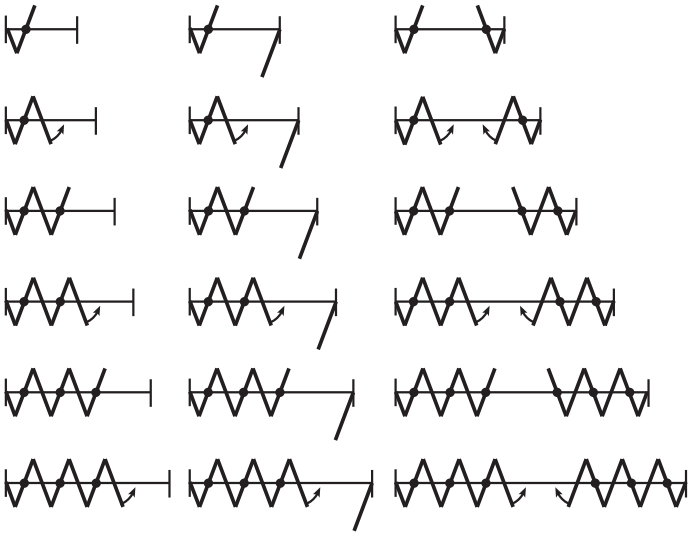
Sets can be individually assembled		code
	Basic set with pivot bearing without guide	19535
	Additional set without guide	19536
	Pivot door set to folded stack (without trolley and top pivot bearing)	19620
	Pivot door set for installation without bottom guide channel	19619
HAWA-Centerfold installations do not need bottom guide channels.		

Partial sets comprising

		19535	19536	19620	19619	code
	Top pivot bearing	1	–	–	1	16485
	Folding-/pivot door catch, adjustable	1	1	1	1	20426
	Four-wheeled trolley, M10, plastic-tyred wheels and suspension plate	1	–	–	–	16482
	Four-wheeled trolley, M10, plastic-tyred wheels with suspen-sion plate and spacer	–	1	–	–	16685
	Suspension profile alu, 208 mm (8 3/16") plain anodized, predrilled	2	–	1	3	10987
	Suspension profile alu, 550 mm (1'9 21/32"), plain anodized, predrilled	1	1	–	–	19524
	Thrust bearing sleeve, D = 20 mm (25/32"), including driver	1	–	–	1	19515
	Cover cap for top fixed suspension, plastic anthracit-grey RAL 7016	3	1	1	3	20907
	Vertical adjustment key	1	–	–	–	10789
	Suspension assembly locking wrench	1	–	–	–	14861
	Fork spanner SW 13 mm (17/32")	1	–	–	–	19128

Installation examples

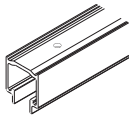
One-sided installations filling an aperture up to 6000 mm (19'8 7/32") width are possible using the 1 1/2-panel basic sets, supplementary and pivot door sets – or double this figure for two-sided installations. HAWA-Centerfold 80/H installations are executed without bottom guide channels.



These examples illustrate just some of the possibilities.

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

Running tracks

Caution: Hole positions vary		mm/inch	code
	Running track alu, plain anodized, predrilled	6000 (19'8 7/32")	16852
		cut to size	16853

Hinge

		code
	Stainless steel hinge with heavy load bearings WNR 1.4401/AISI 316, incl. fixing screws	23271

Quantity of hinges per panel joint:
Panel height ≤ 2500 mm (8'2 7/16") = 2 pcs.
Panel height ≤ 3500 mm (11'5 13/16") = 3 pcs.

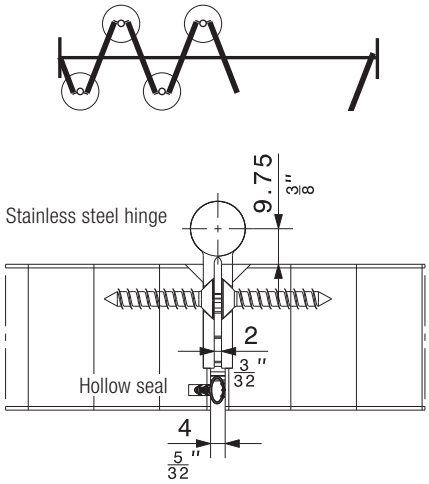
Hollow seal

			code
	Hollow seal, rubber black	roll of 10 m (32'9 23/32")	19657

Hinge

High loadbearing capacity means that panels up to 2500 mm (8'2 7/16") tall require just two hinges.

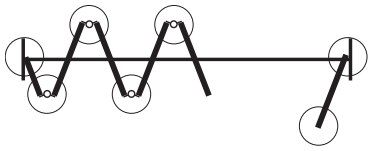
Hinge positions



Hollow seal

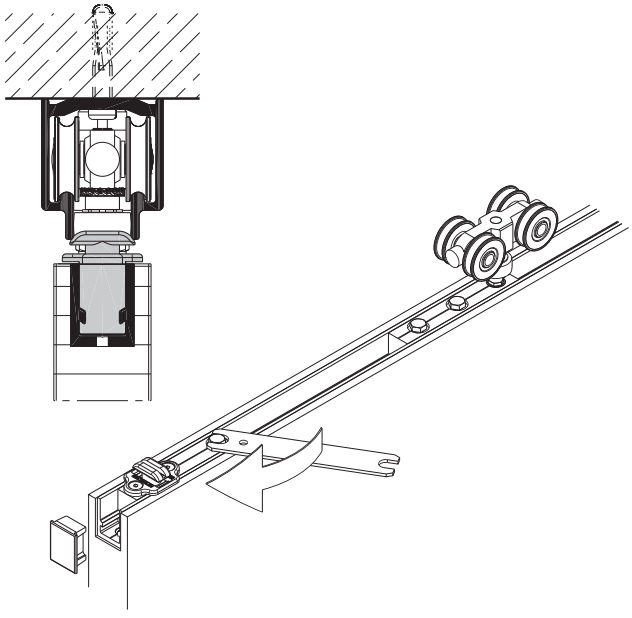
Hollow cross-section seal strips eliminate the problem of light penetrating through gaps between panels.

Hollow seal positions



Folding-/pivot door catch

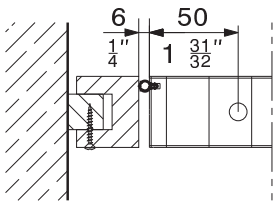
Every other panel has a Folding-/pivot door catch (20426).
Panels can thus be held flush in position without operating a locking mechanism.



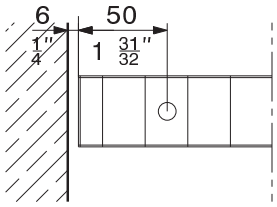
Wall attachment

Hawa AG recommends a compensation strip for optimum wall attachment. In combination with hollow seal code 19657, this results in the elimination of the light gap and reduces draughts to a minimum. Doors that close directly against the wall must have 6 mm (1/4") clearance.





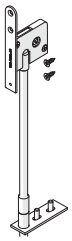
Version A
With premises-fitted compensation strip and hollow seal code 19657



Version B
Direct wall attachment requires 6 mm (1/4") clearance

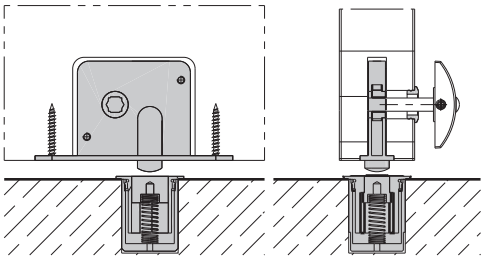
Subject to modification. Metric specifications are exact. Inches are approximate.

Locks

		code
	Deadbolt lock, galv. steel deadbolt 13 mm ($\frac{17}{32}$")	10726
	Bar bolt lock, square/hexagonal socket, backset 42.5 mm ($1\frac{11}{16}$") Assembly dimensions: → page 81	19592
	Thumbturn, chomium finish, for panel thickness 35 to 40 mm ($1\frac{3}{8}$" to $1\frac{19}{32}$")	13789
	Thumbturn, chomium finish, for panel thickness 41 to 57 mm ($1\frac{5}{8}$" to $2\frac{1}{4}$")	19806
	Slip-fit rose, brass dull nickel finish	13858
	Key for deadbolt lock 10726	10723
	Floor-mounted sleeve with oblong hole and chromium plated brass spring cover	13787
	Rosette for floor-mounted sleeve 13787	17326
	Strike plate, chromium-plated steel	13130

Deadbolt lock

The deadbolt lock code 10726 provides unobtrusive, barely visible locking at the panel bottom edge.



Locking with floor-mounted sleeve code 13787

Order specifications

- Type and quantity of partial sets
- Length of running track
- Quantity of hinges, → calculation details

Optional order specifications

- Type and quantity of locks
- Quantity of hollow seals

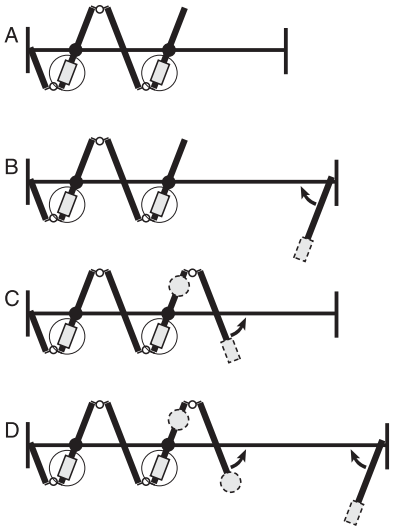
Planning/installation

For planning and installation purposes, please use planning and installation instructions code 19587.
And for door thicknesses 46–57 mm additionally code 20086.
(→ www.hawa.ch → HAWA-Productfinder)

Locks

Additional deadbolt or bar bolt locks may be fitted for safety and to keep out unwanted visitors.
Locking from the inside engages the floor-mounted sleeve code 13787.
Mortice locks can be used to secure pivot doors.

Lock positions



Deadbolt lock or bar bolt lock

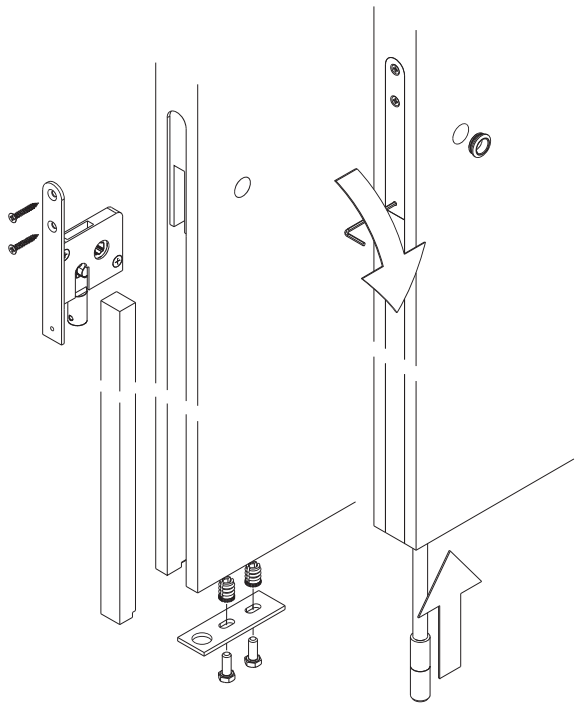
Door edge bar not supplied by Hawa AG

Mortice lock not supplied by Hawa AG

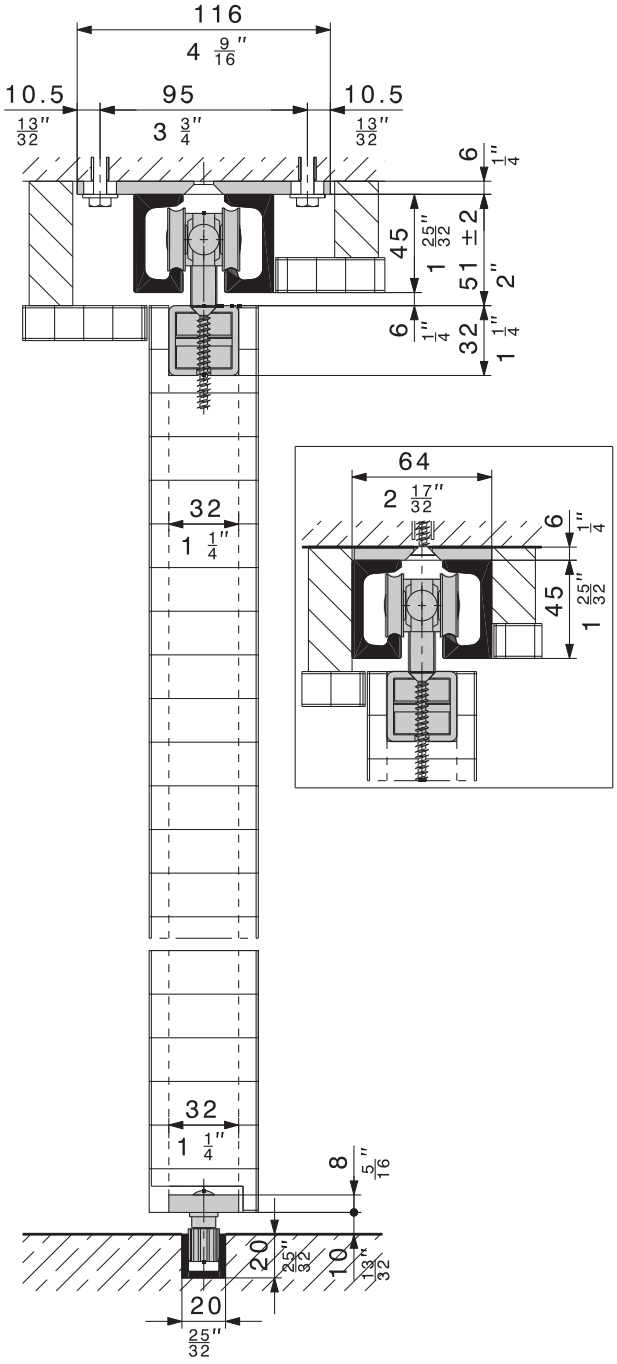
Pivot door

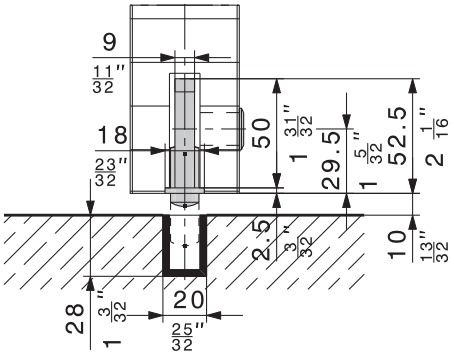
Bar bolt lock

Bar bolt lock code 19592 allows locking the folding wall at handle height.



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





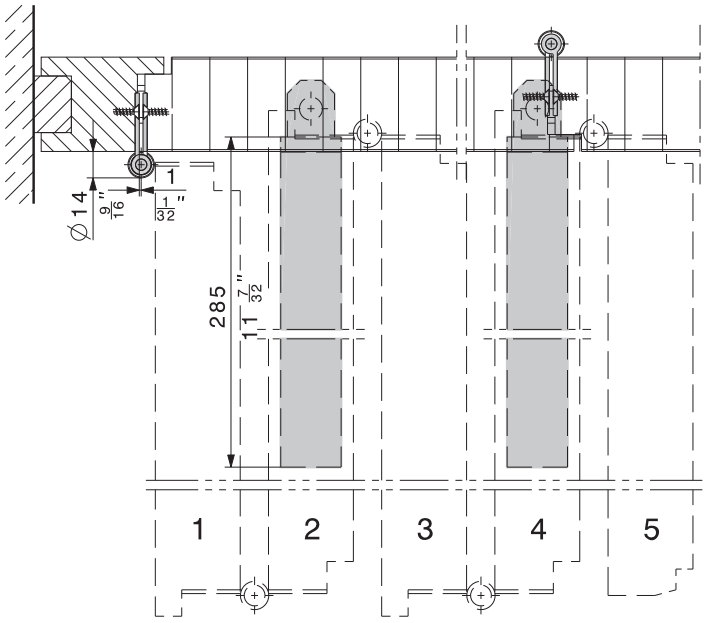
Hardware system for room division applications for panel weights up to 120 kg (264 lbs.).

Description

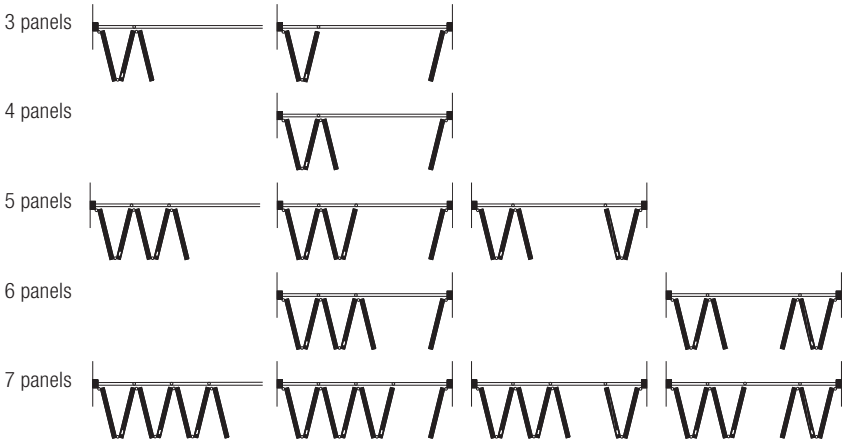
In the event of an odd number of panels, the last panel can be designed as a communicating door. A stop can be provided on top if desired. When open, the panels are at an angle of 90° to the closed partition. The panel stacks may be arranged on the right- and/or left-hand side. Within a panel stack, the panels are hinged together. Starting from the first panel (which is hinged to the frame), every second panel is suspended at its side edge. This calls for a floor guide. To fix non-guided panels, a bar bolt lock is placed at the end of panels 1, 3, 5, etc. When the partition is closed, the panels are secured into the bottom guide channel.
The first panels should be made slightly narrower in precise ratio to the other panels. The width of the first panel hinged at the rear (1) is not identical to that of the following panels.

Features of the HAWA 20-c Folding wall 120

- Hardware system for room division applications
- Max panel weight: 120 kg (264 lbs.)
- Max panel width: 1000 mm (3'3 3/8")
- Special trolley as supplementary component for fire doors
- Adjustable vertically ± 2 mm (3/32")



Installation examples

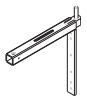
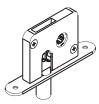


Subject to modification. Metric specifications are exact. Inches are approximate.

Sets without running track and bottom guide channel

		code
	Set for 3 panels	12804
	Set for 4 panels	12805
	Set for 5 panels	12806
	Set for 6 panels	12807
	Set for 7 panels	12808

Set comprising

		12804	12805	12806	12807	12808	code
	Four-wheeled trolley, M12, steel ball bearing wheels	1	1	2	2	3	10362
	Top and edge fixed bracket, with suspension plate and hanger bolt M12	1	1	2	2	3	10453
	Edge fixed bottom guide with rattle proof guide piece, 14 mm ($\frac{9}{16}$")	1	1	2	2	3	12945
	Ball bearing hinge, steel dull nickel finish, with fixing screws	9	12	15	18	21	10652
	Deadbolt lock, 13 mm ($\frac{17}{32}$") galvanized steel	1	1	2	2	3	10726
	Slip-fit rose, brass dull nickel finish	1	1	2	2	3	13858
	Key for deadbolt lock	1	1	1	1	1	10723

Dual running tracks

Caution: Hole positions vary		mm/inch	code
	Dual running track, stainless steel, WNR 1.4301/AISI 304, with top mounting flanges	6000 (19'8$\frac{7}{32}$")	18039
		cut to size	18040
	Dual running track, stainless steel, WNR 1.4301/AISI 304, with flush mounting flanges	6000 (19'8$\frac{7}{32}$")	18496
		cut to size	18497

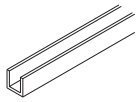
Accessories

		code
	Ball bearing hinge, burnished steel, with fixing screws	10666
	Track stop, galvanized steel, to be drilled into the track	16768

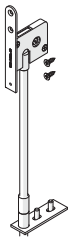
Component for fire-retarding doors

		code
	Four-wheeled trolley M12, steel, with steel ball bearing wheels	15558

Bottom guide channels

Caution: Hole positions vary		mm/inch	code
	Bottom guide channel, alu plain anodized, predrilled, 20 x 20 x 3 mm ($\frac{25}{32}$" x $\frac{25}{32}$" x $\frac{1}{8}$")	6000 (19'8$\frac{7}{32}$")	14414
		cut to size	14415
	Bottom guide channel, brass, predrilled, 20 x 28 x 3 mm ($\frac{25}{32}$" x 1$\frac{1}{8}$" x $\frac{1}{8}$")	6000 (19'8$\frac{7}{32}$")	10245
		cut to size	10247

HAWA-Bar bolt lock

		code
	Bar bolt lock Backset 42,5 mm (1$\frac{11}{16}$") Socket square/hexagonal, 7/8 mm Total lift of push rod: 18 mm ($\frac{23}{32}$") Operation height: 960 mm (3'11$\frac{13}{16}$") complete The bar bolt lock can be operated from the door surface with a square/hexagonal key.	19592
	Thumbturn, chomium finish, for panel thickness 35 to 40 mm (1$\frac{3}{8}$" to 1$\frac{19}{32}$")	13789
	Thumbturn, chomium finish, for panel thickness 41 to 57 mm (1$\frac{5}{8}$" to 2$\frac{1}{4}$")	19806
	Key for deadbolt lock	10723
	Slip-fit rose, brass dull nickel finish	13858
	Floor-mounted sleeve with oblong hole and chromium plated brass spring cover	13787
	Rosette for floor-mounted sleeve 13787	17326
	Strike plate, chromium-plated steel	13130

Quantity of hinges required

panel height	pieces
up to 2500 mm (8'2$\frac{7}{16}$")	3
2501–3200 mm (8'2$\frac{15}{32}$"–10'6")	4
3201–4000 mm (10'6$\frac{1}{32}$"–13'1$\frac{1}{2}$")	5

Order specifications

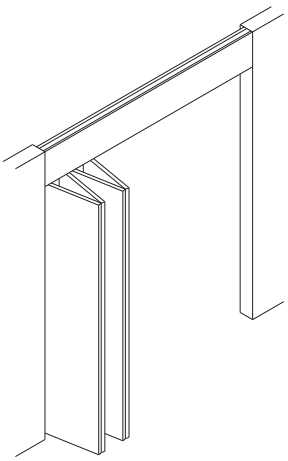
We require the following details in order to prepare a quote and version for you:

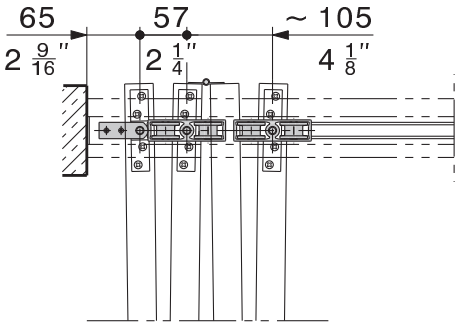
- Sketch of the situation
- Clearance dimensions
- Quantity of panels
- Width and height of panels
- Weight of one panel
- Panel thickness
- Quantity of supplementary hinges

Planning/installation

For planning and execution please use the installation drawing code 12398. (→ www.hawa.ch → HAWA-Productfinder)

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





Hardware system for folding a pair of panels, panel weight up to 40 kg (88 lbs.), or two to three pairs of panels, panel weight up to 30 kg (66 lbs.).

Description

The HAWA-Bifold 30 is a folding hardware system comprising the components of our HAWA-Junior 80 family. It permits the installation of 1, 2 or 3 pairs of door panels. Two-door constructions can be installed without bottom guide channels, though these are required for four and six-door version. Hardware sets can be used for installations that fold to the left and the right.

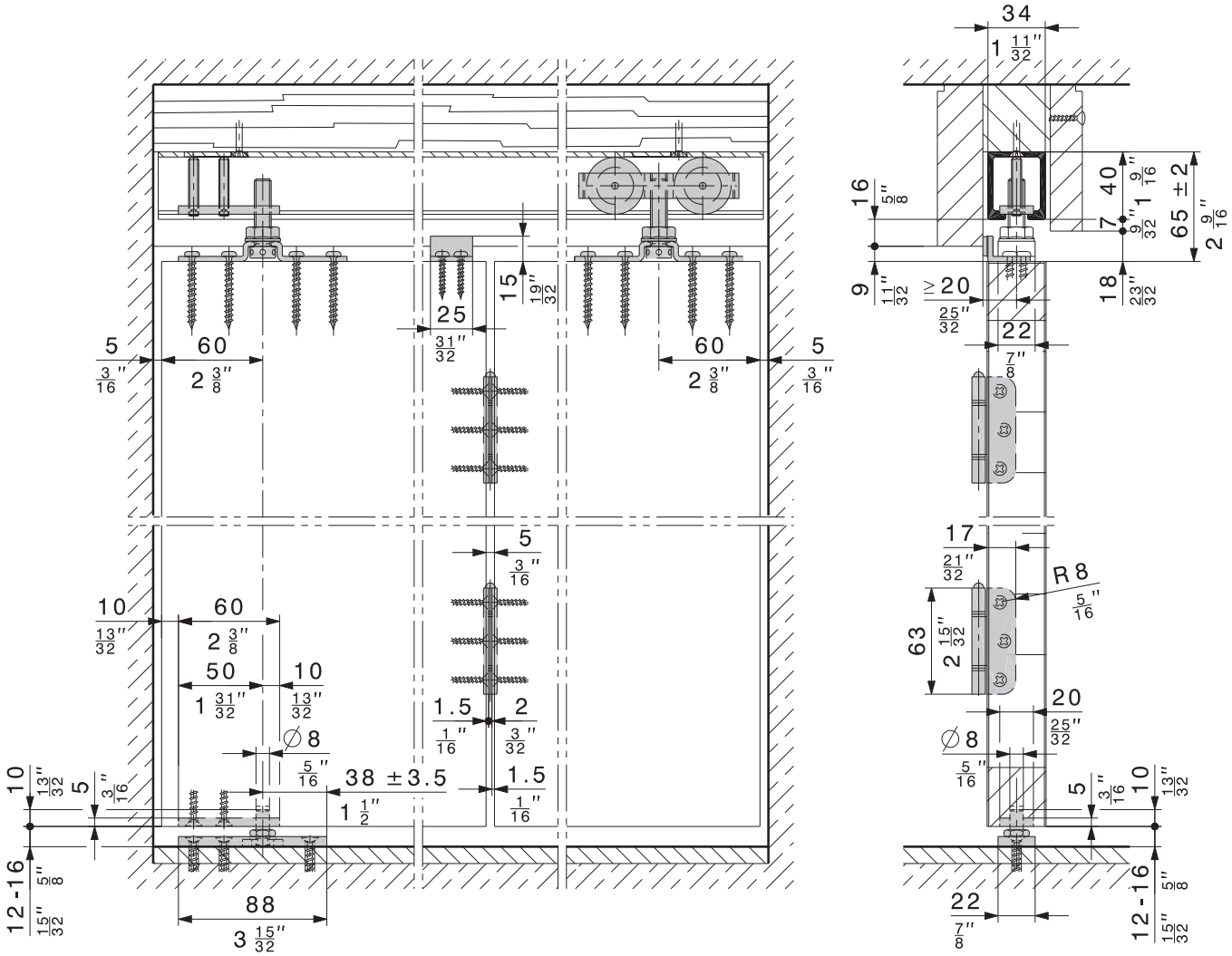
Applications

For use wherever doors with a weight up to 30 kg (66 lbs.) and a width of 600 mm (1'11 5/8") per panel, need to be folded to save space, e.g. in hotel rooms, offices, kitchens and corridors.

Features of the HAWA-Bifold 30

- 2 panels:
  Maximum panel weight, 40 kg (88 lbs.),
  or 80 kg (176 lbs.) per panel pair
- 4 and 6 panels:
  Maximum panel weight, 30 kg (66 lbs.),
  or 60 kg (132 lbs.) per panel pair
- Maximum panel width, 600 mm (1'11 5/8"),
  or 1200 mm (3'11 1/4"), per panel pair
- Door thicknesses, 26–45 mm (1 1/32"–1 49/64")

2 panels

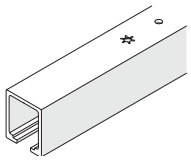


Subject to modification. Metric specifications are exact. Inches are approximate.

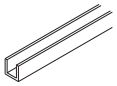
Sets without running track

	panel	code
HAWA-Bifold 30 40 kg (88 lbs.) per panel or 80 kg (176 lbs.) per panel pairs	2	12647
HAWA-Bifold 30 30 kg (66 lbs.) per panel or 60 kg (132 lbs.) per panel pairs	4	16194
	6	16195

Running tracks

Caution: Hole positions vary		mm/inch	code
	Running track, alu plain anodized, predrilled	6000 (19'8 7/32")	10186
		cut to size	10188

Bottom guide channels

Caution: Hole positions vary		mm/inch	code
	Bottom guide channel, alu plain anodized, predrilled, 20 x 20 x 3 mm (25/32" x 25/32" x 1/8")	6000 (19'8 7/32")	14414
		cut to size	14415

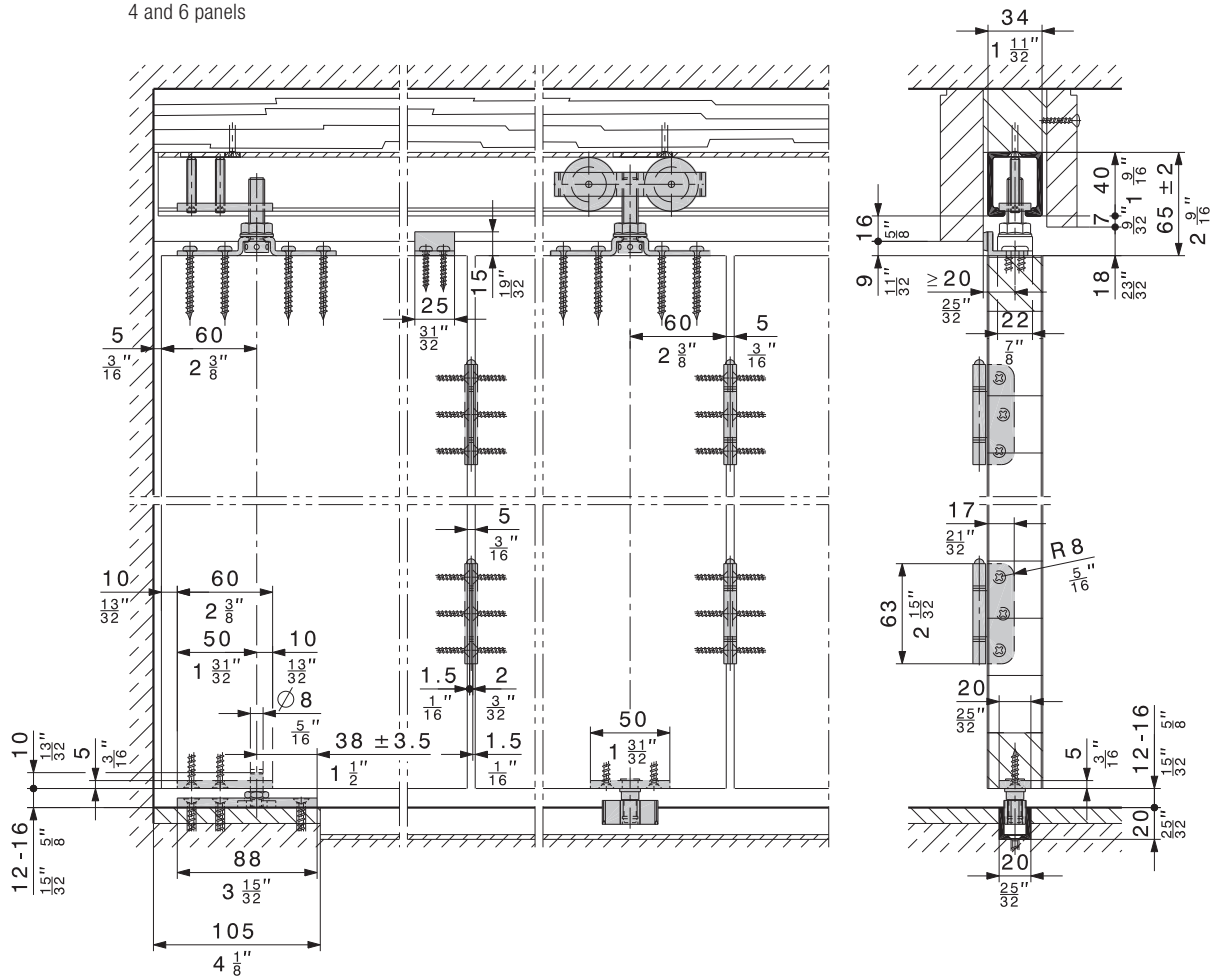
Sets comprising

		12647	16194	16195	code
	Two-wheeled trolley, M10, with plastic wheels	1	2	3	10407
	Top fixing plate, with hanger bolt M10 and fixing screws	2	3	4	10470
	Top pivot, M10	1	1	1	10483
	Bottom pivot	1	1	1	16247
	Vertical adjustment pin	1	1	1	10795
	Hinge with sliding bearing plastic, steel galvanized	3	9	15	14298
	Stop bracket	1	2	3	15295
	Guide plate with rattle proof guide piece, 14 mm (9/16")	–	2	3	13325

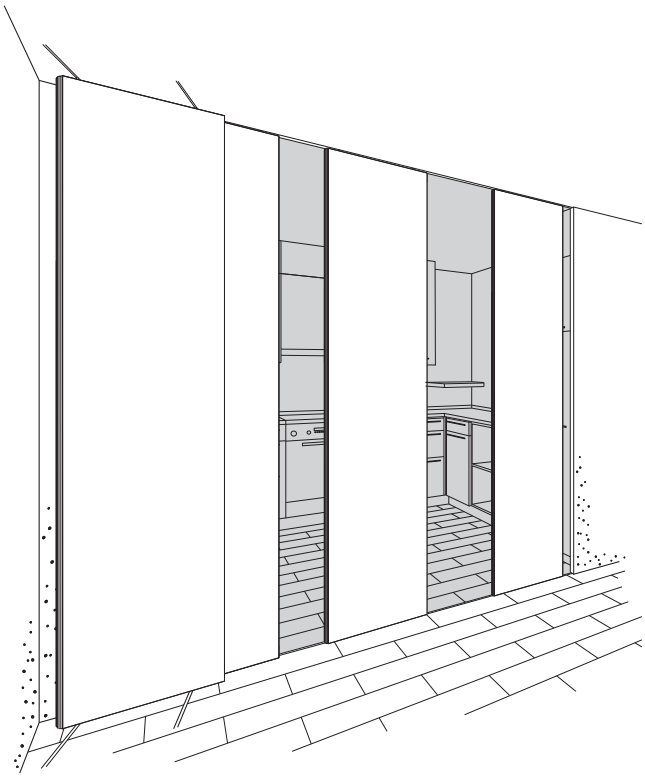
Planning/installation

Please use the corresponding installation instructions code 16245.

4 and 6 panels



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



Sliding walls without efforts.

Hardware system for stackable wooden partitions up to 60 kg (132 lbs.)

Description

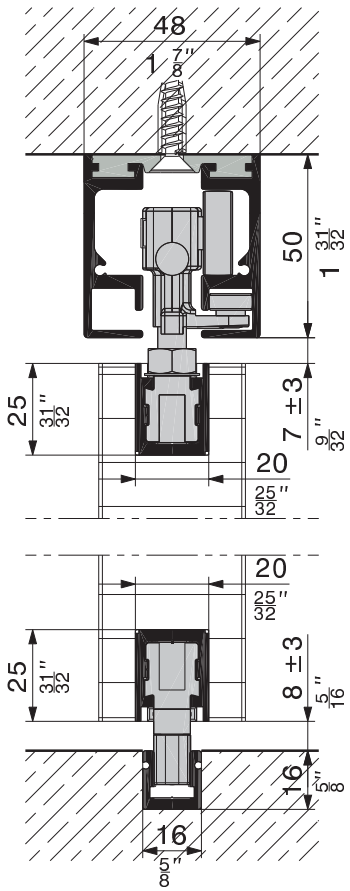
The first system on the market purpose-designed for lightweight wooden partition walls up to 60 kg (132 lbs.) per panel combines high quality with an economical price. It offers a particularly attractive architectural solution because the closed partition is perfectly flush, and requires only a small stacking area when opened. With the comprehensive assembly instructions, craftsmen can plan and fit simple installations by themselves. Furthermore, HAWA Aperto 60/H is a standardised system with a very simple component structure, which ensures rapid delivery of all parts from stock.
Maximum ease of operation is attained using a bottom guide channel. Installations without a bottom guide channel are also possible at lower panel weights and careful operating.

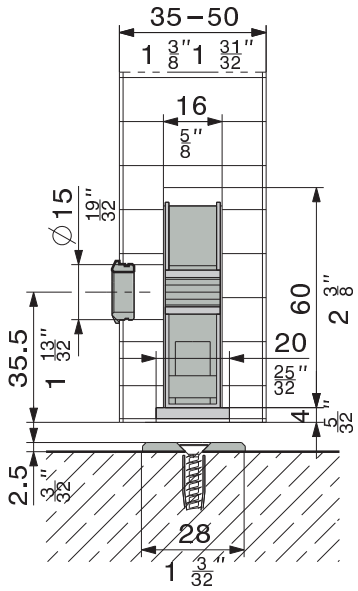
Applications

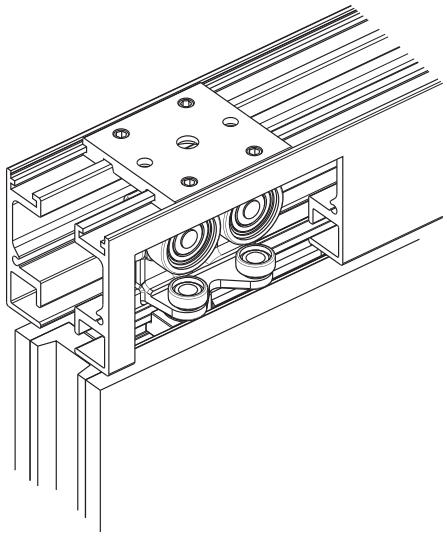
Wherever rooms require individual design or repurposing. Thank to minimal fitting dimensions, modest stacking area space requirements and its attractive price, HAWA-Aperto 60/H opens completely new possibilities. It can be used for room dividers and screens in a wide range of scenarios. Partitions that reach from a counter-top to the ceiling, for example, are also easier and less costly to build.

Features of the HAWA-Aperto 60/H

- Maximum panel weight 60 kg (132 lbs.)
- Panel thickness 35–50 mm (1 3/8"–1 31/32")
- Minimum panel width for standard installations 550 mm (1'9 21/32")
- Maximum panel width for standard installations:
  – stacking 90° to the slide axis, 950 mm (3'1 13/32")
  – stacking parallel to the slide axis, 1500 mm (4'11 1/16")
- Maximum panel height 2600 mm (8'6 3/8")
- Adjustable vertically ± 3 mm (1/8")
- Centre stop with progressively adjustable retention spring catch
- Comprehensive planning and assembly instructions
- Stacking area accommodates up to 9 door panels
- Stacking at 90° and parallel to the sliding axis
- A single lock secures the entire installation
- Installations without a floor track are possible for lower panel weights
- Running tracks and bottom guide channels: alu plain anodized





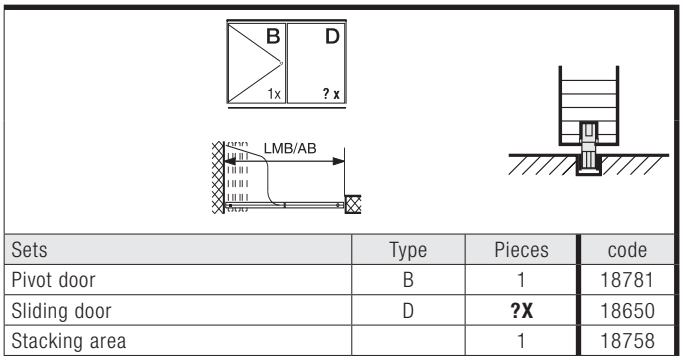


Subject to modification. Metric specifications are exact. Inches are approximate.

Stacking area options

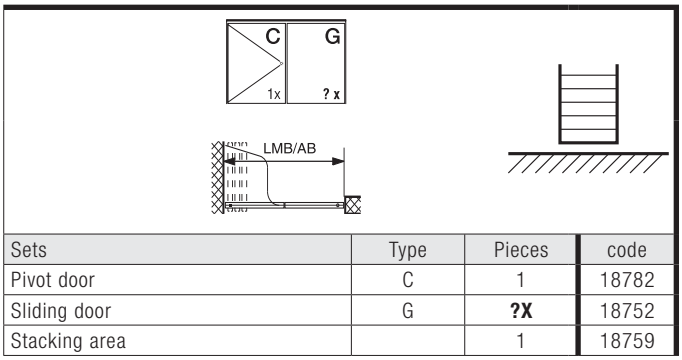
With HAWA-Aperto 60/H, lightweight wooden partitions tuck away invisibly behind a wall or pivot door. Door panels can stack both at 90° and parallel to the sliding axis.

System type 1



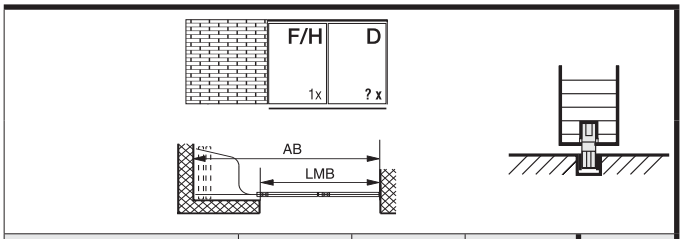
Sets	Type	Pieces	code
Pivot door	B	1	18781
Sliding door	D	**?X**	18650
Stacking area		1	18758

System type 2



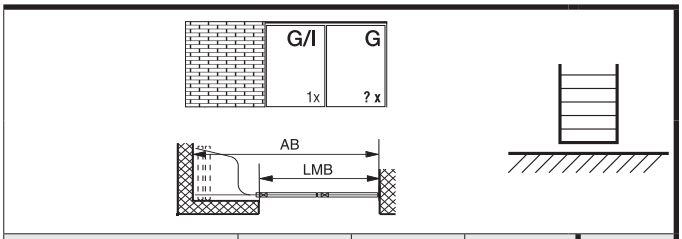
Sets	Type	Pieces	code
Pivot door	C	1	18782
Sliding door	G	**?X**	18752
Stacking area		1	18759

System type 3



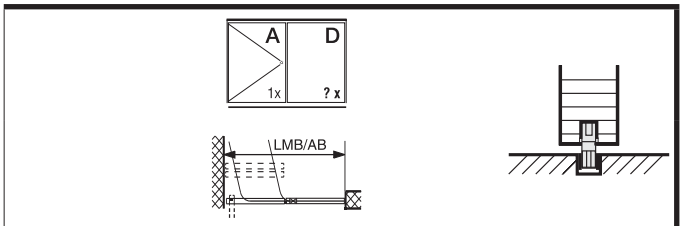
Sets	Cylindre	Type	Pieces	code
Sliding door	4/6kt	F	1	18762
Sliding door	17 mm	H	1	18754
Sliding door		D	**?X**	18650
Stacking area			1	18758

System type 4



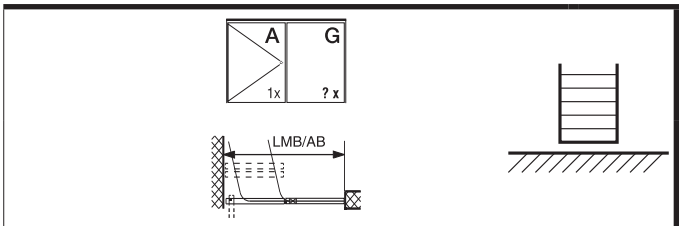
Sets	Cylindre	Type	Pieces	code
Sliding door	4/6kt	G	1	18752
Sliding door	17 mm	I	1	18911
Sliding door		G	**?X**	18752
Stacking area			1	18759

System type 5



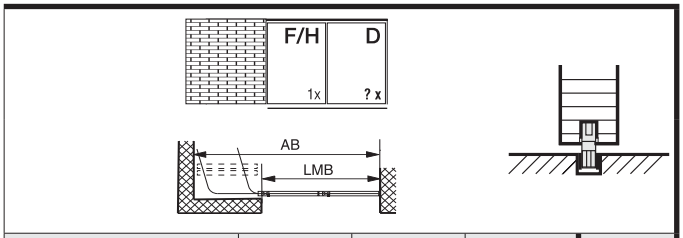
Sets	Type	Pieces	code
Pivot door	A	1	18805
Sliding door	D	**?X**	18650
Stacking area		1	18756

System type 6



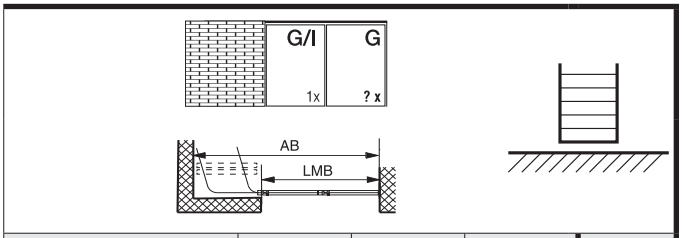
Sets	Type	Pieces	code
Pivot door	A	1	18805
Sliding door	G	**?X**	18752
Stacking area		1	18757

System type 7



Sets	Cylindre	Type	Pieces	code
Sliding door	4/6kt	F	1	18762
Sliding door	17 mm	H	1	18754
Sliding door		D	**?X**	18650
Stacking area			1	18756

System type 8



Sets	Cylindre	Type	Pieces	code
Sliding door	4/6kt	G	1	18752
Sliding door	17 mm	I	1	18911
Sliding door		G	**?X**	18752
Stacking area			1	18757

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

Nominal order length for straight running tracks and bottom guide channels

The basic nominal order length for straight running tracks and bottom guide channels and the number of necessary top fixing plates can be calculated as follows:

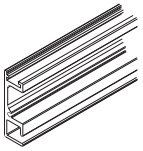
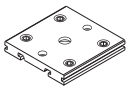
Stacking area parallel

		formula	order length in mm (incl. trimming reserve)	pieces per installation
2 x single toptrack	outside	AB in mm - 730 mm		1
	inside	AB in mm - 1230 mm		1
Bottom guide channel		AB in mm - 500 mm		1
Top fixing plate		AB in mm ÷ 500	→	

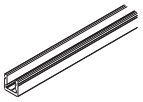
Stacking area 90°

		formula	order length in mm (incl. trimming reserve)	pieces per installation
2 x single toptrack	outside	AB in mm - 130 mm		1
	inside	AB in mm - 500 mm		1
Bottom guide channel		AB in mm + 20 mm		1
Top fixing plate		AB in mm ÷ 500	→	

Running tracks

		mm/inch	code
	Single running track, alu plain anodized	2500 (8'2 7/16")	17795
		3500 (11'5 13/16")	17796
		6000 (19'8 7/32")	16891
		cut to size	17529
	Top fixing plate for 2 x single running track, alu, set of	1 piece	17128
		6 pieces	17806
		8 pieces	17807
	Cover cap for 2 x single running track, alu plain anodized		19354

Bottom guide channels

Caution: Hole positions vary		mm/inch	code
	Bottom guide channel, alu plain anodized, undrilled, 16 x 16 mm (5/8" x 5/8")	6000 (19'8 7/32")	18200
	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

Custom installations

Please contact Hawa for custom installations with special stacking areas, more than 9 panels, curved running tracks or an integral change of track direction.

Order specifications

- Quantity and type of pivot door sets → table
- Quantity and type of sliding door sets → table
- Quantity and type of stacking area sets → table
- Quantity and length of running tracks → calculation
- Quantity and length of bottom guide channel → calculation
- Quantity of top fixing plate → calculation

Optional order specifications

- Quantity and type of concealed interior for stacking area
- Quantity and length of seal profiles
- Quantity and length of rubber profiles
- Quantity, length and type of HAWA-protective edge trims

Planning/installation

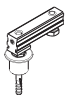
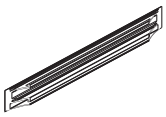
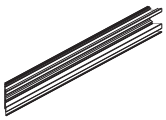
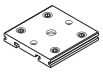
For planning and installation purposes, please use the installation drawing code 18337 (parallel) or 18338 (90°). (→ www.hawa.ch → HAWA-Productfinder)

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

Pivot door sets

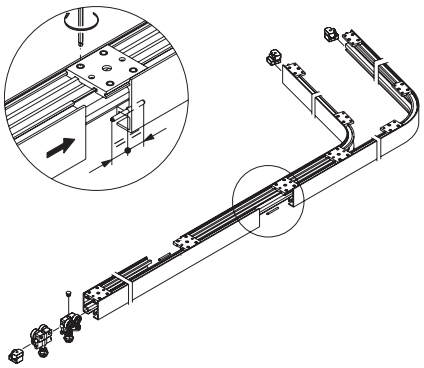
	type	code
Pivot door set for system with parallel stacking area, with / without bottom guide channel	A	18805
Pivot door set for system with stacking area at right angle, with bottom guide channel	B	18781
Pivot door set for system with stacking area at right angle, without bottom guide channel	C	18782

Set comprising

		18805	18781	18782	
	Door types	A	B	C	code
	Suspension profile, 250 mm (9 27/32"), alu plain anodized, 20 x 25 mm (25/32" x 31/32")	2	2	2	18252
	Cover cap for suspension profile, plastic anthracite-grey RAL 7016	2	2	2	21520
	Top pivot bearing for installations with stacking 90°	–	1	1	19142
	Top pivot bearing for installations with stacking parallel	1	–	–	18779
	Bottom pivot, fitting with 16 x 16 mm (5/8" x 5/8") bottom guide channel	–	1	–	18730
	Bottom pivot with thrust bearing sleeve D = 20 mm (25/32")	1	–	1	18785
	Matching segment 300 mm (11 13/16"), outside, for running track, concealed interior, stacking parallel	1	–	–	18804
	Matching segment 300 mm (11 13/16"), inside, for running track, concealed interior, stacking parallel	1	–	–	19144
	Top fixing plate for 2 x single running track, alu	1	–	–	17128
	Fork spanner SW 13 mm (17/32")	1	1	1	19128

Easy action

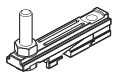
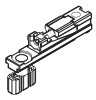
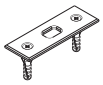
Excellent ease of sliding thanks to precision guides and extremely quiet and gentle running thanks to a mix of plastic rollers and anodized aluminium running tracks.



Sliding door sets

	type	code
Sliding door set for system without lock, with bottom guide channel	D	18650
Sliding door set for system without lock, without bottom guide channel	E	18808
Sliding door set for system with bottom guide channel, incl. square/hexagon bar bolt lock, with guide pin	F	18762
Sliding door set for system without guide channel, incl. square/hexagon bar bolt lock	G	18752
Sliding door set for system with bottom guide channel, incl. bar bolt lock profile cylinder, with guide pin	H	18754
Sliding door set for system without bottom guide channel, incl. bar bolt lock profile cylindre	I	18911

Set comprising

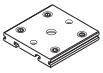
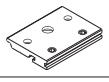
		18650	18808	18762	18752	18754	18911	
	Door types	D	E	F	G	H	I	code
	Suspension plate, incl. M8 hanger bolt, with integrated assembly wedge	2	2	2	2	2	2	18651
	Suspension profile, 250 mm (9 27/32"), alu plain anodized, 20 x 25 mm (25/32" x 31/32")	3	2	2	2	2	2	18252
	Two-wheeled trolley, M8, plastic-tyred ball bearings	2	2	2	2	2	2	18708
	Cover cap for suspension profile, platic anthracite-grey RAL 7016	3	2	2	2	2	2	21520
	Floor guide rattle proof, plastic, 10 mm (13/32"), with suspension plate	1	–	–	–	–	–	18649
	Bar bolt lock 9 mm (3/8"), with square/hexagon socket and slip-fit rose	–	–	–	1	–	–	18837
	Bar bolt lock 9 mm (3/8"), profile cylinder	–	–	–	–	–	1	18836
	Bar bolt lock 9 mm (3/8"), profile cylinder, with guide pin	–	–	–	–	1	–	18750
	Bar bolt lock 9 mm (3/8"), square/hexagon socket, with guide pin	–	–	1	–	–	–	18833
	Strike plate for 9 mm (3/8") deadbolt, chromium-plated steel	–	–	–	1	–	1	18755
	Key for bar bolt lock 18833 and 18837	–	–	1	1	–	–	10723

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

Stacking area sets

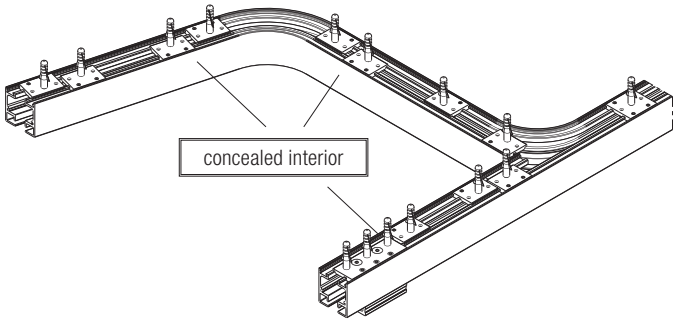
	code
Stacking area set, with bottom guide channel, stacking parallel	18756
Stacking area set, without bottom guide channel, stacking parallel	18757
Stacking area set, with bottom guide channel, stacking at right angle	18758
Stacking area set, without bottom guide channel, stacking at right angle	18759

Set comprising

		18756	18757	18758	18759	code
	Single running track curved segment, 75° inside, length of leg 580 mm (1'10 27/32")	1	1	–	–	17289
	Single running track curved segment, 75° outside, length of leg 580 mm (1'10 27/32")	1	1	1	1	17290
	Single running track curved segment, 90° inside, length of leg 70 mm (2 3/4")	–	–	1	1	16925
	Running track end stops, set	1	1	1	1	19165
	Connecting bolts, set of 6 pieces	1	1	1	1	17221
	Centre stop with progressively adjustable retention spring catch	1	1	1	1	17283
	Top fixing plate for 2 x single running track, alu	1	1	1	1	17128
	Top fixing plate for single running track, alu	11	11	10	10	17749
	End stopper for alu bottom guide channel, 16 x 16 mm (5/8" x 5/8")	2	–	2	–	18652
	End-piece for running track, 150 mm (5 29/32")	1	1	1	1	19160
	Bottom guide channel connecting bolts, set of 8 pieces	1	–	–	–	18640
	Curved bottom guide channel 75°, length of leg 500 mm (1'7 11/16")	1	–	–	–	18748
	Hex key 4 mm (5/32"), length 230 mm (9 1/16")	1	1	1	1	18751
	Adjustment tool for eccentric glass retainer	1	1	1	1	19256

Stacking area with concealed interior

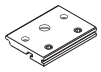
We recommend fitting an interior concealment cover for open, visible stacking areas.



Profile set for concealed interior

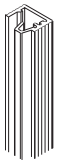
	code
Profile set for concealed interior for installations with stacking parallel to the slide axis, complete	19147
Profile set for concealed interior for installations with stacking 90° to the slide axis, complete	19148

Sets comprising

		19147	19148	code
	Single running track curved segment, 75° inside, length of leg 580 mm (1'10 27/32")	1	1	17289
	Single running track 550 mm (1'9 21/32"), for concealed interior, stacking parallel	1	–	19145
	Single running track 700 mm (2'3 9/16"), for concealed interior, stacking parallel and 90°	1	1	19146
	Top fixing plate for single running track, alu	8	7	17749

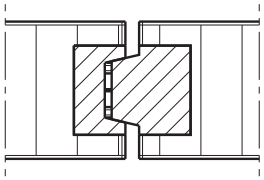
Subject to modification. Metric specifications are exact. Inches are approximate.

Seal profile / rubber profile

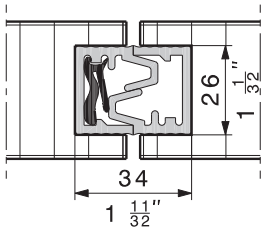
Deployment between the sliding doors			code
	Seal profile, alu plain anodized, predrilled	6000 mm (19'8 7/32")	14223
		cut to size	13528
	Rubber profile, black	roll of 20 m (65'7 13/32")	15340
		cut to size	13571

Panel centring

Door panels must be centred to ensure flush fitting.

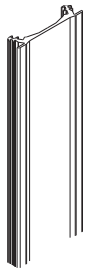


Version A
With customer-supplied wooden strips

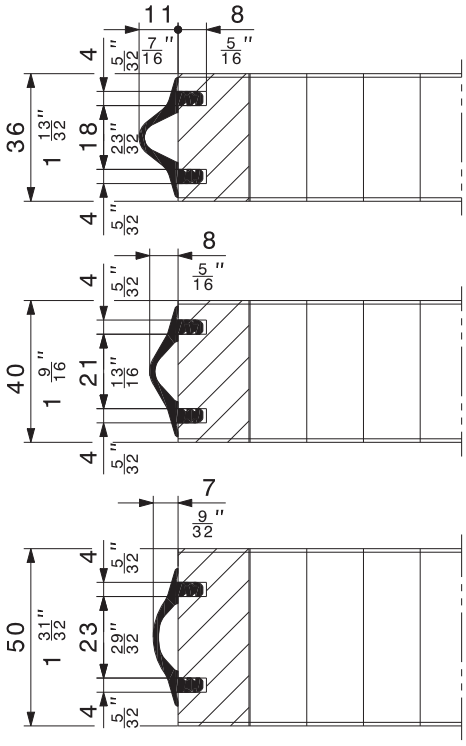


Version B
With HAWA seal profile, plain anodised aluminium (13528) including black rubber profile (13571)

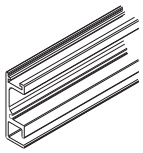
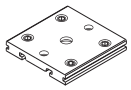
HAWA-protective edge trims, rubber

		roll of	code
	HAWA-protective edge trim, black, similar RAL 7021	5 m (16'4 27/32")	10626
		10 m (32'9 23/32")	12325
	HAWA-protective edge trim, brown, similar RAL 8024	5 m (16'4 27/32")	10627
		10 m (32'9 23/32")	12326
	HAWA-protective edge trim, cream-white, similar RAL 9001	5 m (16'4 27/32")	10649
		10 m (32'9 23/32")	12327
	HAWA-protective edge trim, beige, similar RAL 1001	5 m (16'4 27/32")	15620
		10 m (32'9 23/32")	15621

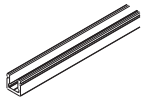
Wall mounting



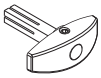
Running tracks

			code
	Single running track, alu plain anodized	2500 mm (8'2 7/16")	17795
		3500 mm (11'5 13/16")	17796
		6000 mm (19'8 7/32")	16891
		cut to size	17529
	Top fixing plate for 2 x single running track, alu, set of	1 piece	17128
		6 pieces	17806
		8 pieces	17807

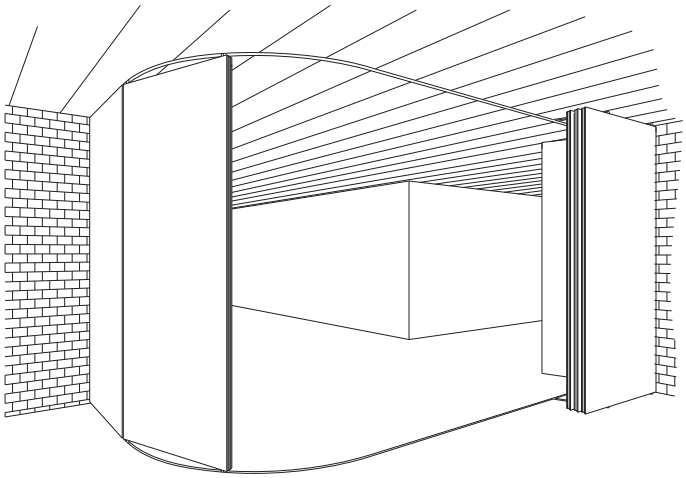
Bottom guide channels

Caution: Hole positions vary		mm/inch	code
	Bottom guide channel, alu plain anodized, undrilled, 16 x 16 mm (5/8" x 5/8")	6000 (19'8 7/32")	18200
	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

Accessories

		code
	Sleeve closure including fitting screw	19149
	Thumbturn, chromium finish, for panel thickness 35 to 40 mm (1 3/8" to 1 19/32")	13789
	Thumbturn, chromium finish, for panel thickness 41 to 57 mm (1 5/8" to 2 1/4")	19806
	Key for bar bolt lock	10723

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



Hardware system of modular design for stackable wooden partitions up to 100 and 150 kg (220 and 330 lbs.) per panel.

Description

Thanks to the modular track system and its unrivalled cornering technique, HAWA-Variotec 150/H enables the quick realization of all design concepts for room partitions. This hardware system allows straight running tracks/bottom guide channels and curved segments of 15, 30, 45, 60, 75 and 90 degrees to be combined to form customized configurations. Different trolleys are required depending on the door weight (100 or 150 kg / 220 or 330 lbs.).

Test certificates ot the Landesgewerbeanstalt Bayern (LGA) in Nuremberg confirm the hardware system's high functionality and resistance to wear.

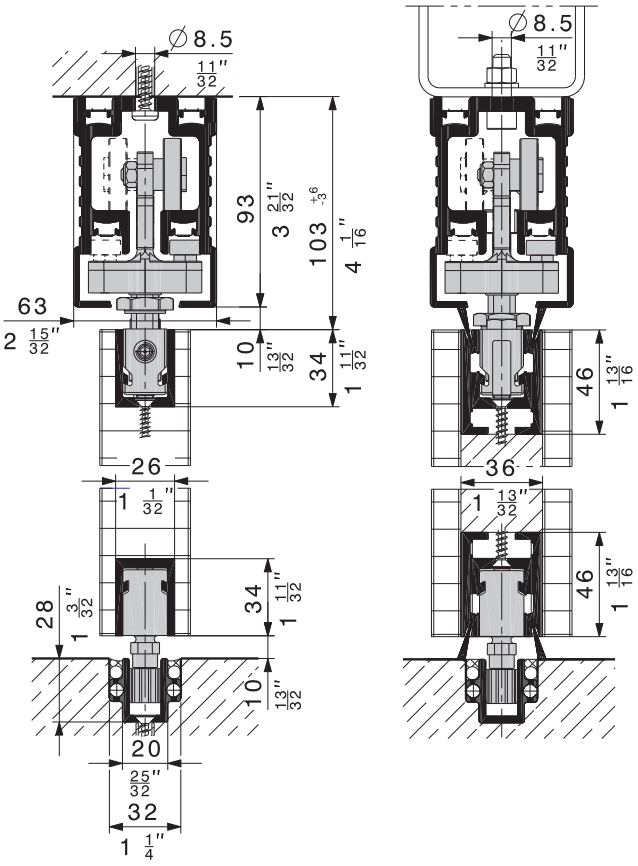
In principle, a version without bottom guide channels is possible. However, we recommend using them since this makes opening and closing the partitions more convenient.

Applications

This hardware system is suitable for use wherever high quality and quiet operation are called for, e.g. in hotels, restaurants, banks, open-plan offices and exclusive interior designs.

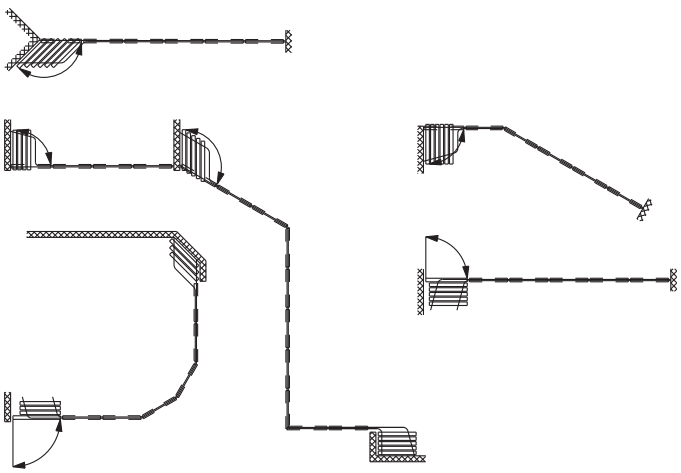
Features of the HAWA-Variotec 150/H

- Modular system
- Trolley with two-point guide
- Progressively adjustable height +6/-3 mm (+$\frac{15}{64}$"/$\frac{1}{8}$")
- Extremely light and smooth cornering
- Minimum axis radius 4000 mm (13'1$\frac{1}{2}$")
- Maximum sliding door weight 150 kg (330 lbs.)
- Secure locking
- Small space requirement in stacking area



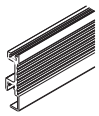
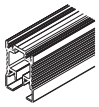
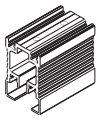
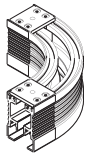
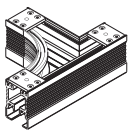
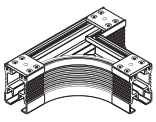
Layout examples

The layout examples shown below demonstrate the many varied and creative application possibilities of the HAWA-Variotec 150/H hardware system.

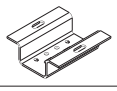


Subject to modification. Metric specifications are exact. Inches are approximate.

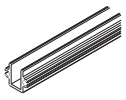
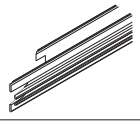
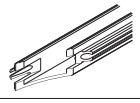
Running tracks

Caution: Hole positions vary			code
	Single running track, alu plain anodized	6000 mm (19'8 7/32")	15358
		cut to size	15360
	Dual running track, alu plain anodized, predrilled	6000 mm (19'8 7/32")	15361
		cut to size	15362
	Servicing unit, dismountable	100 mm (3 15/16")	15380
	Inner curve running track, segment alu plain anodized	15°	15377
		30°	15375
		45°	15373
		60°	15371
		75°	15369
		90°	15367
	Inner running track special curved segment, Rm 127, alu plain anodized	angle according to indication	19801
	Outer curve running track, segment, alu plain anodized	15°	15376
		30°	15374
		45°	15372
		60°	15370
		75°	15368
		90°	15366
	Outer running track special curved segment, Rm 127, alu plain anodized	angle according to indication	19800
	Running track dual curved segment, for change in direction, alu plain anodized	15°	15718
		30°	15719
		45°	15720
		60°	15721
		75°	15722
		90°	15723
	Running track special dual curved segment Rm 127, alu plain anodized	angle according to indication	18667
	Running track curved segment, parking area branch, parking area left, alu plain anodized	45°	17551
		60°	15845
		75°	15843
		90°	15841
	Running track curved segment, parking area branch, parking area right, alu plain anodized	45°	17552
		60°	15846
		75°	15844
		90°	15842

Running tracks – accessories

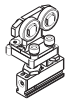
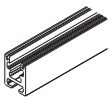
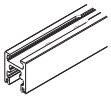
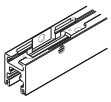
Caution: Hole positions vary		code
	Cover plate for dual running track, complete	15439
	Top-fixing plate for single running track	15414
	Top-fixing plate for 2 x single running track	15383
	Coupler to running track, galvanized steel	17232
	Matching segment dual running track, 45° – 90°, left	16173
	Matching segment dual running track, 45° – 90°, right	16174
	Running track stop for single track	13779
	Running track stop for dual track	13780
	Connecting bracket for ceiling structure, without fixing parts	17045
	Assembly parts for connecting bracket for ceiling structure	19321

Bottom guide channels and accessories

Caution: Hole positions vary			code
	Bottom guide channel, alu plain anodized, predrilled	6000 mm (19'8 7/32")	13688
		cut to size	13690
	Curved bottom guide channel, alu plain anodized, predrilled	15°	13644
		30°	13647
		45°	13650
		60°	13653
		75°	13656
		90°	13659
	Bottom guide channel special dual curved segment, Rm 127, alu plain anodized	angle according to indication	19645
	Matching segment for bottom guide channel, 45 – 90°, left		16778
	Matching segment for bottom guide channel, 45 – 90°, right		16779
	Connecting bolt, Ø 6 x 40 mm (1/4" x 1 19/32"), stainless steel		13759

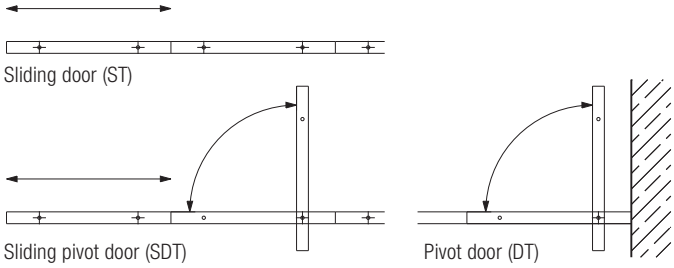
Subject to modification. Metric specifications are exact. Inches are approximate.

Sliding pivot door – components

			code
	Two-wheeled trolley, M14, with plastic-tyred wheels and suspension plate (sliding pivot doors up to 90 kg [198 lbs.] and 3000 mm [9'10 1/8"] height)		13821
	Holding device, sliding swing door/sliding pivot door, for running tracks with integrated cover		15398
	Stop plate complete for sliding swing door/sliding pivot door		15429
	Contact plate for sliding pivot door		14265
	Suspension profile, cut to size, alu unanodized, predrilled		14232
	Suspension profile, cut to size, alu unanodized, predrilled, for sliding pivot door, with cutout for strike plate		14260
	Suspension profile, cut to size, alu unanodized, undrilled, for sliding pivot door, with cutout for strike plate		14261
	Suspension profile, cut to size, alu unanodized, predrilled, for sliding pivot door, with cutout for lock		14233
	Suspension profile, cut to size, alu unanodized, predrilled, for sliding pivot door, with cutout for deadbolt lock		14234
	Suspension profile cover cap, plastic black		14211
	Lock complete, for sliding pivot door	left	14213
		right	14214
	Pivot bearing, for sliding pivot door		14197
	Door stop, for sliding pivot door		14207
	Centering assembly for sliding pivot door		14264
	Deadbolt lock 13 mm (17/32"), galvanized steel, for sliding pivot door		14087
	Stike plate/pivot bearing, chromium-plated steel		14088
	Key for deadbolt lock, 10721, 10726, 13144		10723
	Slip-fit rose, brass dull nickel finish		13858
	Short connecting rod for door height up to ≤ 2500 mm (8'2 7/16")		14164
	Long connecting rod for door height up to ≥ 2500 mm (8'2 7/16")		14165

Door types

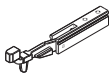
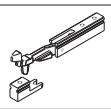
Different door types can be combined to accommodate customized design preferences and creative solutions.



Pivot door – components

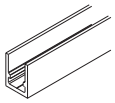
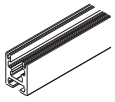
		code
	Servicing unit, dismountable, 100 mm (3 15/16")	15380
	Pivot bearing for swing door and pivot door (without running track)	16196
	Driver, vertically adjustable, for pivot door	16325
	Thrust bearing adjustable, Inox, for fitting into bottom guide channel	22299
	Thrust bearing sleeve, Ø 30 mm (1 3/16"), for pivot door	16326

Sliding door – components

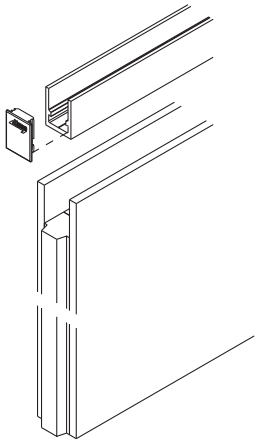
		code
	Single-wheeled trolley, M14, with plastic-tired ball bearing wheels and suspension plate (for maximum sliding door weights 100 kg (220 lbs.)	13778
	Two-wheeled trolley, M14, with plastic-tired ball bearing wheels and suspension plate (for maximum sliding door weights 150 kg (330 lbs.)	13818
	Guide plastic, 14 mm (9/16")	13781
	Floor locking lever	19820
	Floor locking lever 0–18°	19822

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

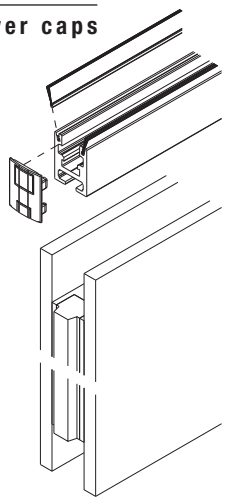
Suspension profiles and cover caps

Caution: Hole positions vary			code
	Multi-purpose suspension and retainer profile, alu plain anodized, predrilled	cut to size	10347
	Top fixed suspension	350 mm (1'1 25/32")	11004
	Cover cap for top fixed suspension, plastic anthracit-grey RAL 7016, for profile 10347/11004		20907
	Multi-purpose suspension and retainer profile, alu plain anodized, predrilled	cut to size	14232
	Suspension profile cover cap, plastic black, for profile 14232		14211

Suspension profiles and cover caps

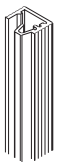


Suspension profile: 10347/11004
Cover cap: 20907



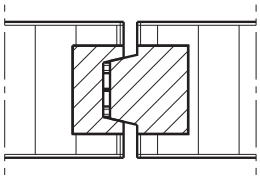
Suspension profile: 14232
Cover cap: 14211
Brush seal: 16797/13791

Seal profile / rubber profile

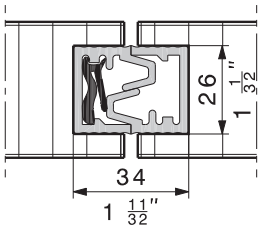
Deployment between the sliding doors			code
	Seal profile, alu plain anodized, predrilled	6000 mm (19'8 7/32")	14223
		cut to size	13528
	Rubber profile, black	roll of 20 m (65'7 13/32")	15340
		cut to size	13571

Panel centering

Door panels must be centred to ensure flush fitting.

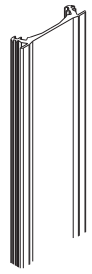


Version A
With customer-supplied wooden strips

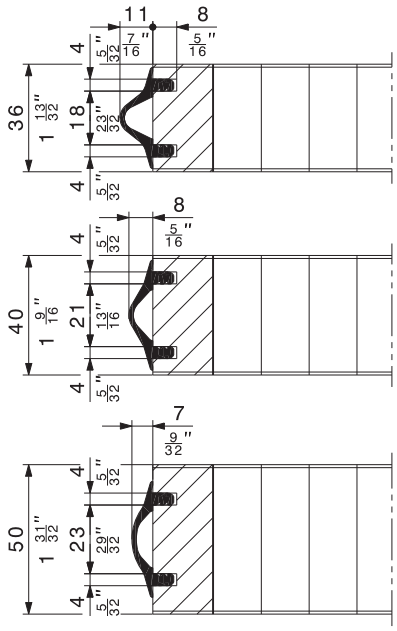


Version B
With HAWA seal profile, plain anodised aluminium (13528) including black rubber profile (13571)

Protective edge trims / brush seal

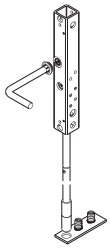
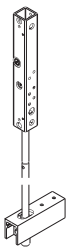
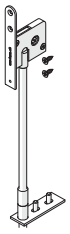
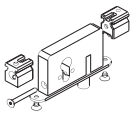
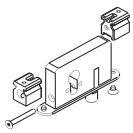
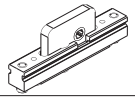
		roll of	code
	HAWA-protective edge trim, black, similar RAL 7021	5 m (16'4 27/32")	10626
		10 m (32'9 23/32")	12325
	HAWA-protective edge trim, brown, similar RAL 8024	5 m (16'4 27/32")	10627
		10 m (32'9 23/32")	12326
	HAWA-protective edge trim, cream-white, similar RAL 9001	5 m (16'4 27/32")	10649
		10 m (32'9 23/32")	12327
	HAWA-protective edge trim, beige, similar RAL 1001	5 m (16'4 27/32")	15620
		10 m (32'9 23/32")	15621
	Brush seal 2,6/18 x 920 mm (1/8"/ 23/32" x 3'0 7/32")		16797
	Brush seal 2,6/18 mm x 1200 mm (1/8"/ 23/32" x 3'11 1/4")		13791

Protective edge trims



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

Locks

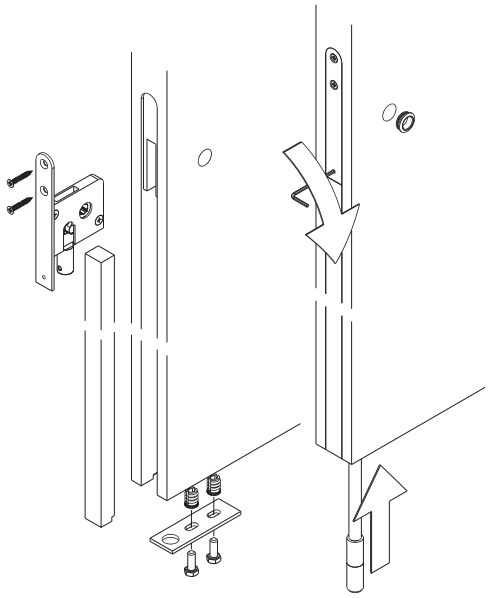
			code
	HAWA-Doorfix Bar bolt lock, galvanized steel Backset 18 mm (23/32") Socket square/hexagonal 7/8 mm Total lift of push rod: 46 mm (1 13/16") Double turn, 1st level 28 mm (1 1/8") 2nd level 18 mm (23/32") Operation height: 980 mm or 830 mm (3'11 13/16" or 2'8 11/16"), complete Push rod can be shortened. The bar bolt lock can be operated from the door surface as well as from the front with a square/hexagonal key. Assembly dimensions → page 82		15077
	HAWA-Doorfix Bar bolt lock, galvanized steel Backset 18 mm (23/32") Socket square/hexagonal 7/8 mm Total lift of push rod: 46 mm (1 13/16") Double turn, 1st level 28 mm (1 1/8") 2nd level 18 mm (23/32") Operation height: 980 mm or 830 mm (3'11 13/16" or 2'8 11/16"), complete Assembly dimensions → page 82		14188
	Bar bolt lock Backset 42.5 mm (1 11/16") Socket square/hexagonal, 7/8 mm Total lift of push rod: 18 mm (23/32") Operation height: 960 mm (3'11 13/16") complete The bar bolt lock can be operated from the door surface with a square/hexagonal key.		19592
	Dead bolt lock, galvanized steel, 13 mm (17/32") Backset 29.5 mm (15/32") Socket square/hexagonal 7/8 mm		10726
	HAWA-bar bolt lock, 13 mm (17/32") Galvanized steel Backset 34.5 mm (1 11/32")	profile cylinder 17 mm (11/16")	16695
		round cylinder 22 mm (7/8")	16696
		square/hexagon socket 7/8 mm	16697
	Bar bolt lock, with guide pin	profile cylinder 17 mm (11/16")	18478
		round cylinder 22 mm (7/8")	18479
		square/hexagon socket 7/8 mm	18388
	Bar bolt lock with retention pin	profile cylinder 17 mm (11/16")	16760
		round cylinder 22 mm (7/8")	16761
		square/hexagon	16762
	Bar bolt lock with guide pin and fixing parts	profile cylinder 17 mm (11/16")	18484
		round cylinder 22 mm (7/8")	18485
		square/hexagon	18486
	Pivot bearing or deadbolt lock 13 mm (17/32"), galvanized steel, for sliding pivot door		14087

Locks – accessories

		code
	Key for deadbolt lock to 10721, 10726, 13144	10723
	Thumbturn, chromium finish, for panel thickness 35 to 40 mm (1 3/8" to 1 19/32")	13789
	Thumbturn, chromium finish, for panel thickness 41 to 57 mm (1 5/8" to 2 1/4")	19806
	Floor-mounted sleeve, dull chromium-plated brass	13858
	Strike plate, chromium-plated steel	13130
	Floor-mounted sleeve with oblong hole and chromium plated brass spring cover, Ø 36 mm (1 7/16")	13787
	Rosette for floor-mounted sleeve 13787	17326

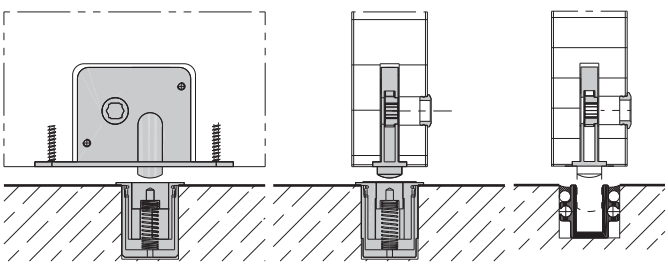
Example 1: Locking at handle height

Bar bolt lock code 19592 allows locking the sliding door at handle height.



Example 2: Floor locking

The deadbolt lock code 10726 provides unobtrusive, barely visible locking at the panel bottom edge.

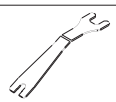
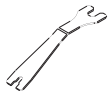
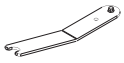


Locking with floor-mounted sleeve code 13787

Locking with bottom guide channel

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

Tools

		code
	Fork spanner SW 22/12/13 mm ($\frac{7}{8}$"/$\frac{15}{32}$"/$\frac{17}{32}$"), pivot door vertical adjustment	15409
	Fork spanner SW 17/8/13 mm ($\frac{11}{16}$"/$\frac{5}{16}$"/$\frac{17}{32}$")	15459
	Wrench, hexagon 5 mm ($\frac{7}{32}$"), SW 11 mm ($\frac{7}{16}$")	17110

Services

	code
Cutout, bar bolt lock for 17 mm ($\frac{11}{16}$"), 22 mm ($\frac{7}{8}$"), square/hexagon socket	22985
Cutout in suspension profile for bar bolt lock	14241
Cutout for holding device for running tracks with integrated cover	15421

Quote preparation and design

We require the following details to prepare a quote and design version for you:

- Clearance dimensions
- Quantity of sliding doors
- Quantity of pivot doors
- Quantity of sliding pivot doors
- Door width
- Door height
- Door thickness

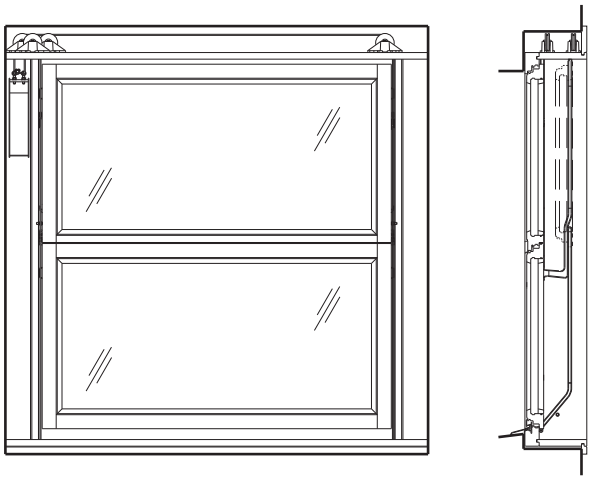
Order specifications

- Quantity and type of components for sliding doors, pivot doors and sliding pivot doors
- Quantity, type and length of running track
- Quantity and type of running track accessories
- Quantity, type and length of bottom guide channel
- Quantity and type of bottom guide channel accessories
- Quantity and length of seal profile
- Quantity and length or rubber profile
- Quantity, type and length of HAWA-protective edge trim
- Quantity and type of locks
- Quantity and type of lock accessories

Planning/installation

For planning and installation purposes, please use the installation drawing code 21718 (parallel) or 21719 (90°) (→ www.hawa.ch → HAWA-Productfinder)

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





Hardware system for vertically sliding windows weighing up to 150 kg (330 lbs.).

Description

Each sliding panel is guided laterally in plastic tracks and is equipped with a counterweight which moves on one side behind the window jamb. The counterweight has to be supplied by a contractor to suit the panel weight, and the panel is locked using a standard central locking device.

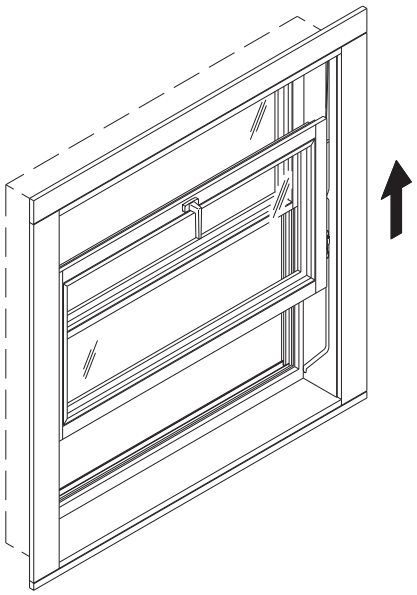
The cable length of 8 m (26'2 61/64") is designed for the following dimensions:
Window height up to 900 mm (2'11 7/16"),
maximum window width 3200 mm (10'6") or
window height up to 1200 mm (3'11 1/4"),
maximum window width 2000 mm (6'6 3/4").
For larger panels, the cable must be ordered separately.
(→ calculation for the cable length)

Features of the HAWA-Vertical 150

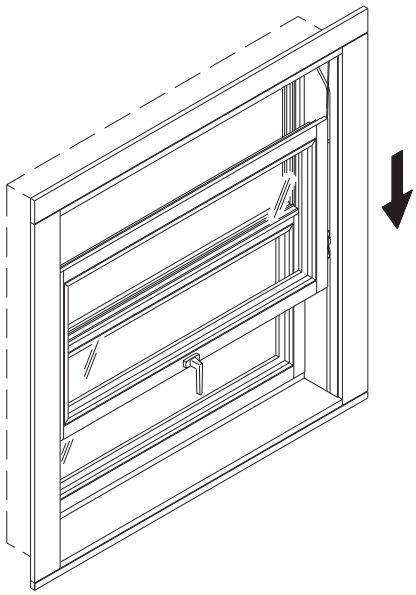
- One sliding panel
- White, black or brown plastic guide profiles
- Smooth sliding properties
- Maintenance-free
- Mortising of guide channel with all-purpose mortising template
- Standard window and frame rebates

Ventilation

To permit additional ventilation, the upper panel (HAWA-Vertical 150/3) can be fitted with a standard tilting window mechanism.



HAWA-Vertical 150/3



HAWA-Vertical 150/5

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

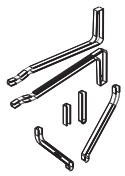
Set

	panel	code
HAWA-Vertical 150/3, 150/5 Partial set, without guide channels	1	20915

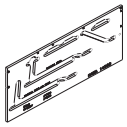
Set comprising

			pieces	code
	Cable retainer, complete		2	20914
	Edge fixed guide bracket		2	20913
	Safety pin		2	20912
	Pulley block, alu		3	10527
	Plastic wheel with ball bearings, Ø 70 mm (2 $\frac{3}{4}$")		3	10764
	Cable 4 mm ($\frac{5}{32}$"), unit 8 m (26'2 $\frac{61}{64}$")		1	10575
	Self-adhesive rubber spacer	brown	2	10650
		white	2	10651
	Set of eye bolt and cable clamp for counterweight		1	10797
	Set of screws for particle board		1	20911
	Track deadbolt lock, steel galvanized, deadbolt 8 mm ($\frac{5}{16}$")		2	20899
	Set of 2 pieces press fit roses, brass dull nickel finish		1	13926
	Panel bracket with wheel		2	14465

Set of guide channels to HAWA-Vertical 150/3 and 150/5

			code
	Set of guide channels, plastic for code 20915	brown	10322
		black	17135
		white	10324

Accessories

			code
	Middle part of guide channel, 600 mm (1'11 $\frac{5}{8}$") plastic	brown	10566
		black	17140
		white	10580
	Cable 4 mm ($\frac{5}{32}$") cut to size		10531
	Key for deadbolt lock		10723
	All-purpose mortising template		14399
	Drilling jig for edge fixed guide bracket		12909

The hardware system components are supplied for a maximum window height of 1200 mm (3'11 $\frac{1}{4}$"). To accommodate panels of a greater height, additional guide channels have to be ordered: 10566/600 mm (1'11 $\frac{5}{8}$") brown, 17140/600 mm (1'11 $\frac{5}{8}$") black, or 10580/600 mm (1'11 $\frac{5}{8}$"), white.

Calculation for the cable length

Length of cable = 2 x H + 1 x W + 1000 mm (3'3 $\frac{3}{8}$")

Order specifications

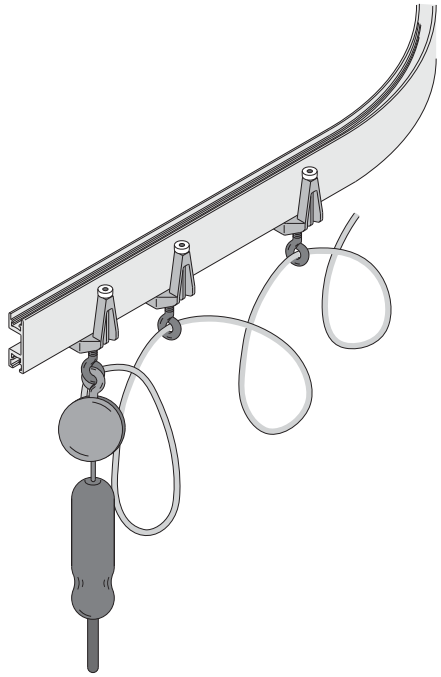
Order specifications for panels larger than 900 mm x 3200 mm (2'11 $\frac{7}{16}$" x 10'6"), or 1200 mm x 2000 mm (3'11 $\frac{1}{4}$" x 6'6 $\frac{3}{4}$"):

- Height of sliding panel
- Jamb inside dimension
- Quantity of hardware sets
- Quantity and type of guide channels
- Quantity and type of accessories

Planning/installation

For planning and installation purposes, please use the installation drawing code 20463. (→ www.hawa.ch → HAWA-Productfinder)

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



Transport system for loads up to 40 kg (88 lbs.) per trolley.

Description

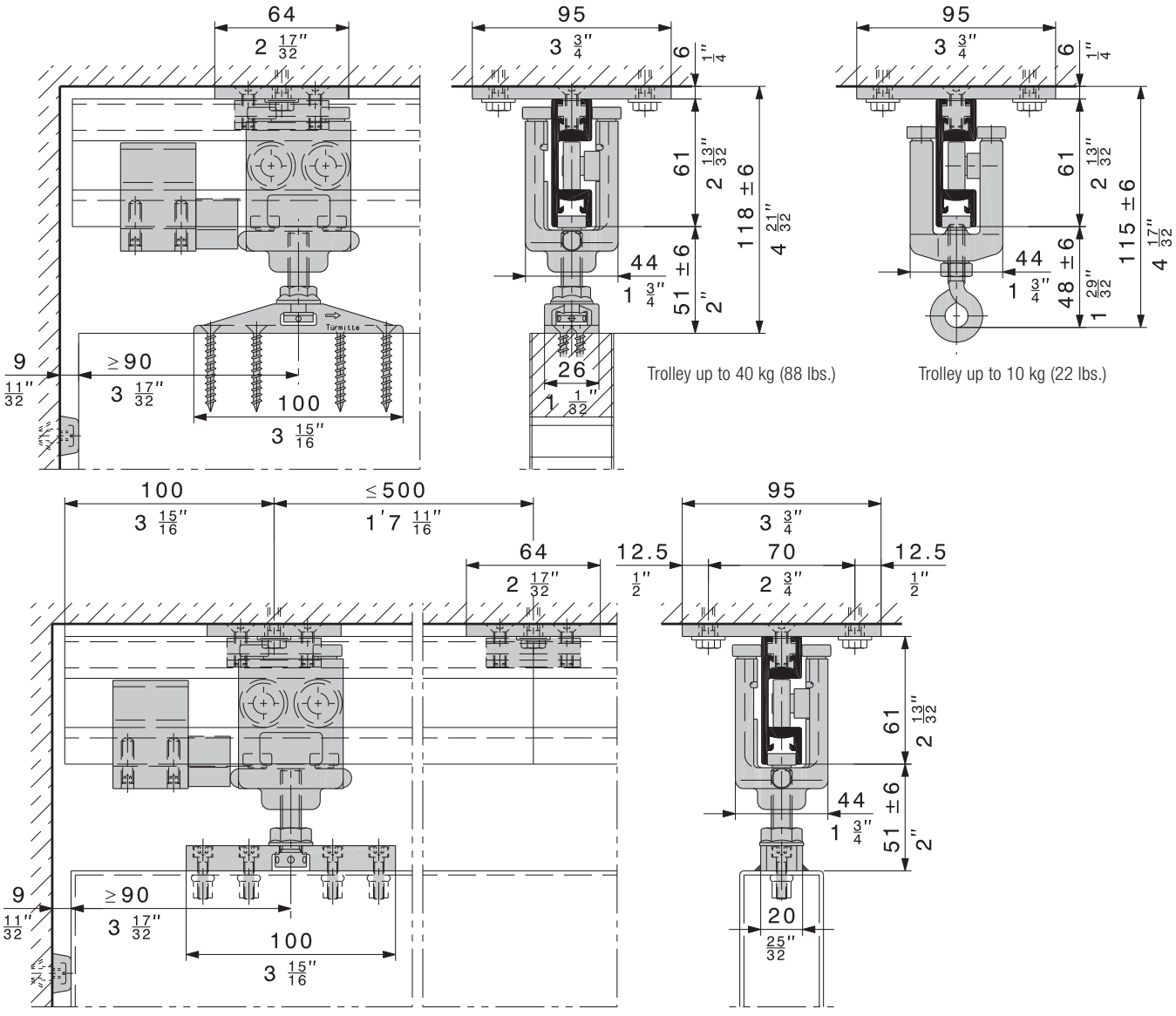
The HAWA-Varioflex 40/TS is a hardware system with outstanding cornering properties. The plug-in track system with straight sections and curved rails of 15, 30, 45, 60, 75 and 90 degrees permits complete freedom with regard to construction. Rail joints are linked simply and precisely by means of coupling elements on both sides.

Applications

Map boards, projection walls, work stations with electrical cables and compressed air hoses. Storage and display of articles in shops, snowboards e.g.

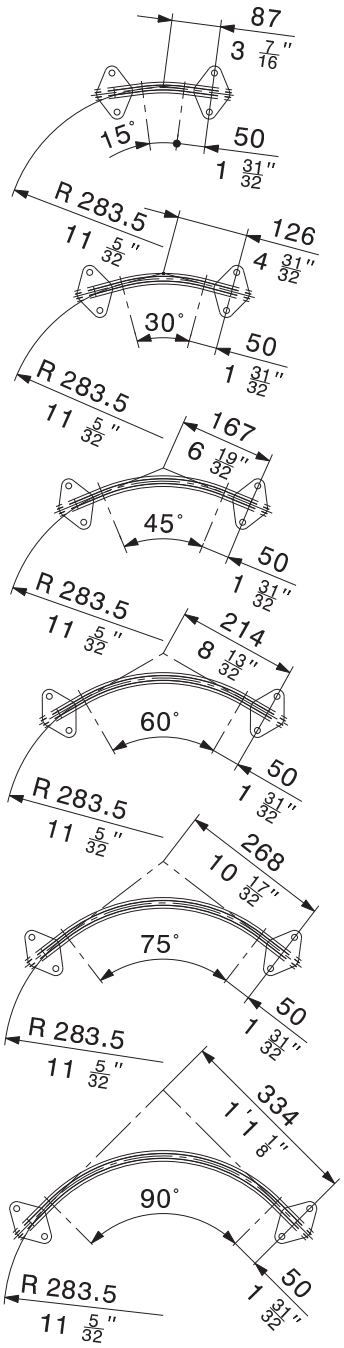
Features of the HAWA-Varioflex 40/TS

- Modular system
- Trolley for loads up to 40 kg (88 lbs.) with 2 suspension wheels and 6 guide rollers
- Trolley for loads up to 10 kg (22 lbs.) with 2 suspension wheels and 4 guide rollers
- Outstandingly smooth cornering
- Adjustable vertically ± 6 mm ($\frac{1}{4}$")



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

Curve running tracks



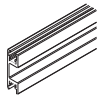
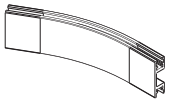
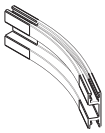
Installation

When assembling the running track, a top fixing plate must be attached every 500 mm (1'7 11/16")

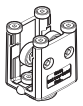
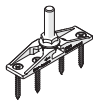
Order specifications

- Length of running track
- Quantity and type of curve running track
- Quantity of top-fixing plate
- Quantity of coupler to running track
- Quantity of running track cover cap sets
- Quantity and type of components

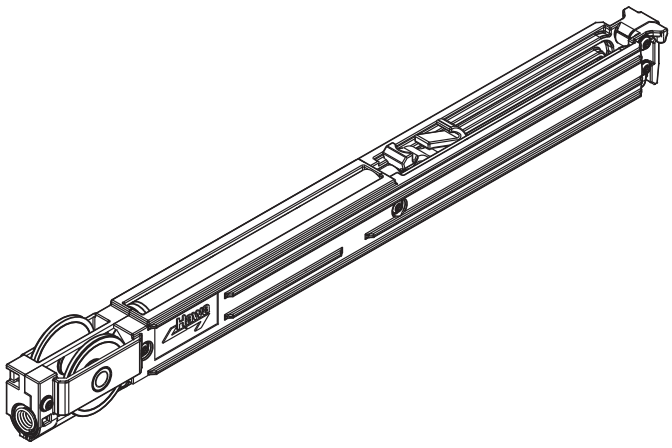
Running tracks

			code
	Running track, alu plain anodized	6000 mm (19'8 7/32")	13975
		cut to size	14345
	Inner curve running track, alu plain anodized	15°	15125
		30°	15127
		45°	15129
		60°	15131
		75°	15133
		90°	14341
	Outer curve running track, alu plain anodized	15°	15126
		30°	15128
		45°	15130
		60°	15132
		75°	15134
		90°	15113
	Top-fixing plate, dull chromium-plated steel (for straight and standard curves)		14463
	Top-fixing plate, dull chromium-plated steel		14468
	Coupler to running track, galvanized steel		17232
	Set of running track cover caps, plastic grey, left/right		14442

Components

		code
	Trolley with 2 plastic-tyred suspension wheels and 6 guide rollers, M10 (load per trolley 40 kg [88 lbs.])	14337
	Trolley with 2 plastic-tyred suspension wheels and 4 guide rollers, M8 (load per trolley 10 kg [22 lbs.])	15137
	Suspension plate with hanger bolt M10 without fixing screws, steel galvanized (steel constructions)	14484
	Two-way suspension plate, with hanger bolt M10 and fixing screws (wood constructions)	10489
	Eye bolt with nut, galvanized steel, M10 x 40 mm (25/64" x 1 19/32")	15174
	Eye bolt with nut, galvanized steel, M8 x 30 mm (5/16" x 1 3/16")	15173
	Bumper, alu plain anodized	14368
	Bumper door stop, to running track	21010
	Screw-on rubber door stop	10629

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



SoftMove soft closing mechanism for Hawa-Junior

Description

The SoftMove 40-80-120 soft closing mechanism is an accessory for all HAWA-Junior 40-80-120 systems and therefore suitable for both wood and glass sliding doors. It can be installed on the opening or closing side. Completely integrated into the running track, the SoftMove gently decelerates sliding doors and draws them into their final position.

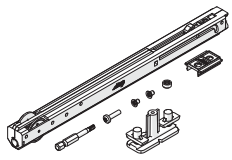
Features of the SoftMove 40-80-120 soft closing mechanism

- Utilisable with all Hawa-Junior systems within this weight class
- Quick and easy installation
- Continuous gentle deceleration and closing with no door spring-back
- High-class hydraulic damper
- Very user-friendly thanks to minimal noise development
- Invisibly integrated in the running track
- Long-lasting and maintenance-free materials
- For convenient operation of sliding doors with soft closing mechanisms, use D handles instead of shell handles

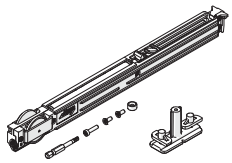
Note

In combination with the assembly set, the planning section of the assembly set and SoftMove soft closing mechanism installation instructions must be taken into consideration before ordering the running track.

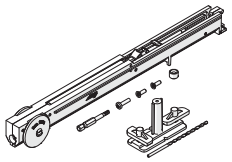
SoftMove 40 soft closing mechanism for Hawa-Junior 40

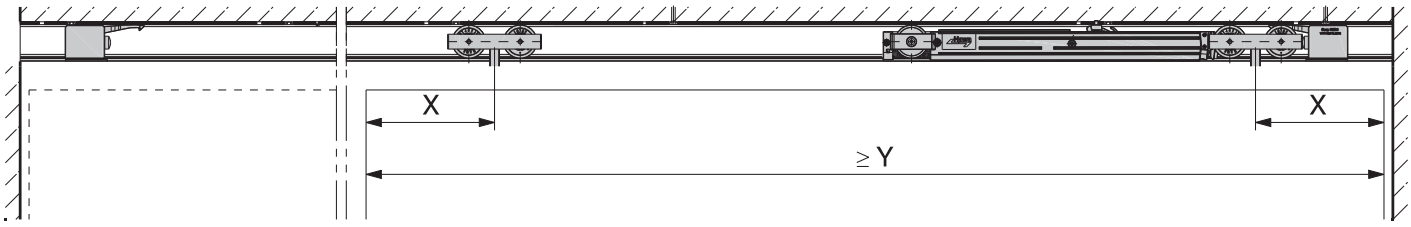
		code
	SoftMove 40 soft closing mechanism for Hawa-Junior 40	25987

SoftMove 80 soft closing mechanism for Hawa-Junior 80

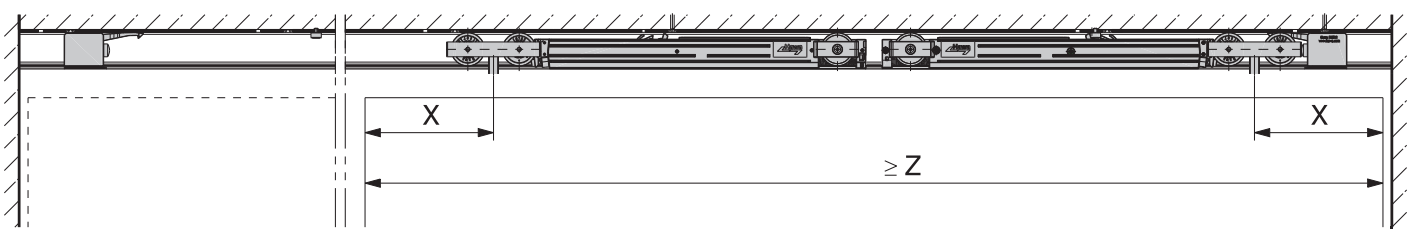
		code
	SoftMove 80 soft closing mechanism for Hawa-Junior 80	22444

SoftMove 120 soft closing mechanism for Hawa-Junior 120

		code
	SoftMove 120 soft closing mechanism for Hawa-Junior 120	25988



One-sided damping



Two-sided damping

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

Wood

	SoftMove 40 soft closing mechanism			SoftMove 80 soft closing mechanism			SoftMove 120 soft closing mechanism		
	X	Y	Z	X	Y	Z	X	Y	Z
HAWA-Junior 40 Z	95	≥ 550	≥ 830						
HAWA-Junior 40 B	95	≥ 550	≥ 830						
HAWA-Junior 80 Z				130	≥ 690	≥ 1030			
HAWA-Junior 80 B mod.				130	≥ 690	≥ 1030			
HAWA-Junior 80 B Pocket				130	≥ 690	≥ 1030			
HAWA-Junior 120 A							165	≥ 850	≥ 1150
HAWA-Junior 120 B							165	≥ 850	≥ 1150

Glass

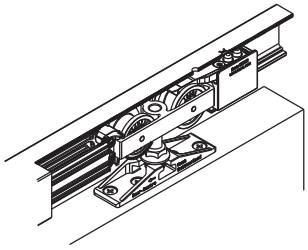
	SoftMove 40 soft closing mechanism			SoftMove 80 soft closing mechanism			SoftMove 120 soft closing mechanism		
	X	Y	Z	X	Y	Z	X	Y	Z
HAWA-Junior 40 GP	95	≥ 550	≥ 830						
HAWA-Junior 40 GS	95	≥ 550	≥ 830						
HAWA-Junior 40 GL	95	≥ 550	≥ 830						
HAWA-Junior 80 GP				130	≥ 690	≥ 1030			
HAWA-Junior 80 GS				130	≥ 690	≥ 1030			
HAWA-Junior 80 G				130	≥ 690	≥ 1030			
HAWA-Junior 80 M				130	≥ 690	≥ 1030			
HAWA-Junior 120 GP							165	≥ 850	≥ 1150
HAWA-Junior 120 G							165	≥ 850	≥ 1150

Set with SoftMove 80 soft closing mechanism for Hawa-Junior 80 for 1 sliding door, without running track

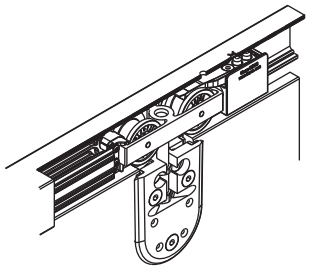
	code
Hawa-Junior 80/Z, set for 1 door, with 1 SoftMove 80 soft closing mechanism	23087
HAWA-Junior 80/Z, set for 1 door, with 2 SoftMove 80 soft closing mechanisms	23088
HAWA-Junior 80/GP, set for 1 door, with 1 SoftMove 80 soft closing mechanism	23091
HAWA-Junior 80/GP, set for 1 door, with 2 SoftMove 80 soft closing mechanisms	23092

SoftMove 80 soft closing mechanism for Hawa-Junior 80

The soft closing mechanism is available as a stand-alone unit or as a component of a HAWA-Junior 80/Z or 80/GP set.
Please also order a floor guide and cover caps for Hawa-Junior 80/GP systems. Details: → HAWA-Junior 40-80-120-160/GP.



HAWA-Junior 80/Z

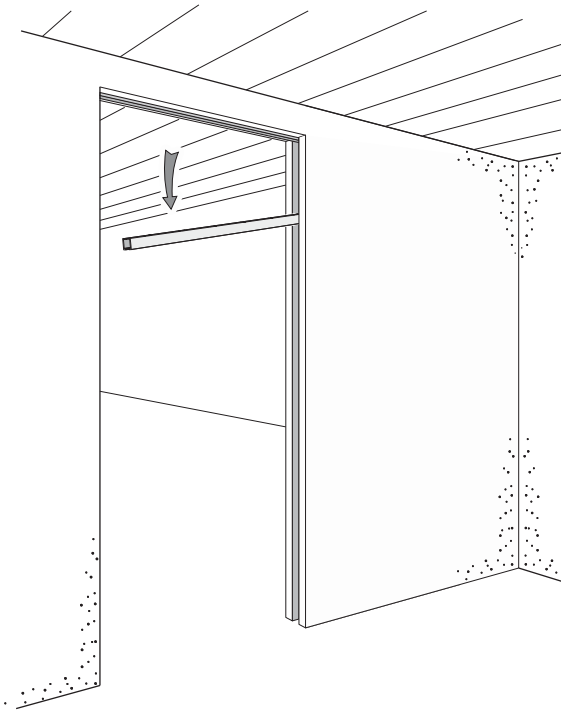


HAWA-Junior 80/GP

Planning/installation

For planning and execution please order the installation drawings
Nr. 25827 SoftMove 40 soft closing mechanism
Nr. 22708 SoftMove 80 soft closing mechanism
Nr. 25852 SoftMove 120 soft closing mechanism
(→ www.hawa.ch → HAWA-Productfinder)

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



Removable, replaceable and extendible at any time!

Assembly set

The retainer profile with bayonet lock is pre-assembled and therefore offers the greatest possible protection from running track contamination during the construction phase. The running track can be installed and removed at any time once the pocket is completed, be it to fit or replace additional components.
The rattle-proof bayonet lock with entry ramp makes it easier to install the running track in the retainer profile. The separating layer between the two profiles reduces vibration transmission (structure-borne noise).

Features of the assembly set

- removable running track even in fixed pocket structures
- Components in the running track can be replaced or added to as required at any time
- Furthermore, the high degree of pre-assembly also prevents contamination of the running track during the construction phase.
- Horizontal longitudinal adjustment range in the bayonet ± 8 mm
- Rattle-proof running track assembly
- Separating layer between running track and retainer profile reduces vibration transmission (structure-borne noise)
- Clip-on cover for concealed attachment of the lintel panelling up to a material thickness of 40 mm

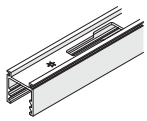
Note

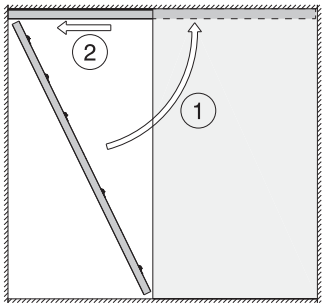
In combination with the SoftMove soft closing mechanism, the planning section of the SoftMove and assembly set installation instructions must be taken into consideration before ordering the running track.

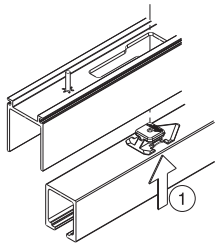
Assembly set for Hawa-Junior 40 running track

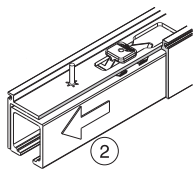
	code
Set for mountable and demountable running track for 2000 (6'6 3/4"), to HAWA-Junior 40	25990
Set for mountable and demountable running track for 2500 (8'2 7/16"), to HAWA-Junior 40	25992

Set comprising

		mm/inch	25990	25992	code
	Retainer profile with a bayonet lock, alu plain anodized, for length of running track	2000 (6'6 3/4")	1	–	25913
		2500 (8'2 7/16")	–	1	25914
	Small parts set to retainer profil, set of 6 pieces for lenght of running track	2000 (6'6 3/4")	1	–	25989
	Small parts set to retainer profil, set of 7 pieces for lenght of running track	2500 (8'2 7/16")	–	1	25991







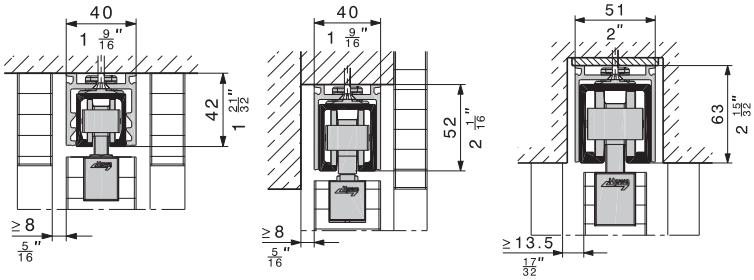
Bayonet range: 35 mm
Adjustable in the bayonet: ± 8 mm

Suitable for:

Wood
HAWA-Junior 40 B
HAWA-Junior 40 Z

Glass
HAWA-Junior 40 GP
HAWA-Junior 40 GS
HAWA-Junior 40 GL

Mounting version



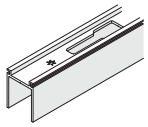
HAWA-Junior 40 HAWA-Junior 80 HAWA-Junior 120

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

Assembly set for Hawa-Junior 80 running track

	code
Set for mountable and demountable running track for 2000 (6'6 3/4"), to HAWA-Junior 80	25207
Set for mountable and demountable running track for 2500 (8'2 7/16"), to HAWA-Junior 80	25371
Set for mountable and demountable running track for 3000 (9'10 1/8"), to HAWA-Junior 80	25441

Set comprising

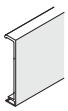
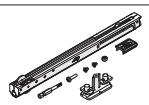
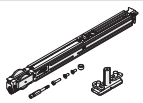
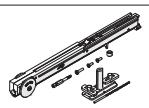
		mm/inch	25207	25371	25441	code
	Retainer profile with a bayonet lock, alu plain anodized, for length of running track	2000 (6'6 3/4")	1	–	–	25212
		2500 (8'2 7/16")	–	1	–	25443
		3000 (9'10 1/8")	–	–	1	25444
	Small parts set to retainer profil, set of 6 pieces for lenght of running track	2000 (6'6 3/4")	1	–	–	25520
	Small parts set to retainer profil, set of 7 pieces for lenght of running track	2500 (8'2 7/16")	–	1	–	25521
	Small parts set to retainer profil, set of 9 pieces for lenght of running track	3000 (9'10 1/8")	–	–	1	25522

Suitable for:

Wood
HAWA-Junior 80 B Pocket
HAWA-Junior 80 Z

Glass
HAWA-Junior 80 GP
HAWA-Junior 80 GS
HAWA-Junior 80 G

Accessories

		code
	Clip-on cover 2000 mm (6'6 3/4") alu plain anodized for lintel mounting for HAWA-Junior 40	25985
	Clip-on cover 2000 mm (6'6 3/4") alu plain anodized for lintel mounting for HAWA-Junior 80	25445
	Clip-on cover 2000 mm (6'6 3/4") alu plain anodized for lintel mounting for HAWA-Junior 120	25986
	Guide profile, plastic black, 1300 mm (4'3 3/16"), groove mounted, set of 10 pieces	14540
	SoftMove 40 soft closing mechanism for Hawa-Junior 40	25987
	SoftMove 80 soft closing mechanism for Hawa-Junior 80	22444
	SoftMove 120 soft closing mechanism for Hawa-Junior 120	25988

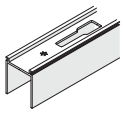
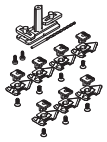
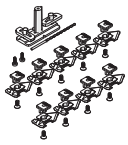
Planning/installation

For planning and installation purposes, please use the installation drawing code 26036. (→ www.hawa.ch → HAWA-Productfinder)

Assembly set for Hawa-Junior 120 running track

	code
Set for mountable and demountable running track for 2500 (8'2 7/16"), to HAWA-Junior 120	25994
Set for mountable and demountable running track for 3000 (9'10 1/8"), to HAWA-Junior 120	25996

Assembly set comprising

		mm/inch	25994	25996	code
	Retainer profile with a bayonet lock, alu plain anodized, for length of running track	2500 (8'2 7/16")	1	–	25915
		3000 (9'10 1/8")	–	1	25916
	Small parts set to retainer profil, set of 7 pieces for lenght of running track	2500 (8'2 7/16")	1	–	25993
	Small parts set to retainer profil, set of 9 pieces for lenght of running track	3000 (9'10 1/8")	–	1	25995

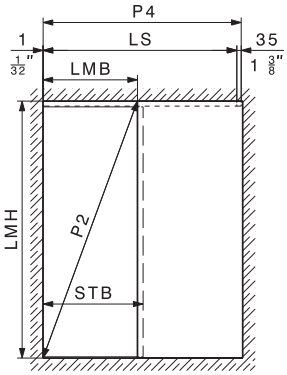
Suitable for:

Wood
HAWA-Junior 120 B
HAWA-Junior 120 A

Glass
HAWA-Junior 120 GP
HAWA-Junior 120 G

Length of running track

The length of the running track must not exceed the diagonal clearance (P2).



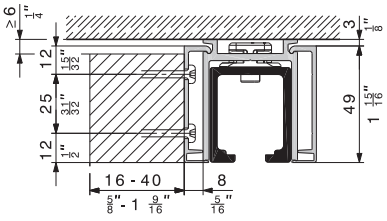
Running track HAWA-Junior 40	P3 = 80 mm (3 5/32")
Running track HAWA-Junior 80	P3 = 80 mm (3 5/32")
Running track HAWA-Junior 120	P3 = 100 mm (3 15/16")

LMB	Entire opening width
LMH	Entire opening hight
STB	Sliding shutter width
P2	Diagonal clearance

Optional cover for retainer profile

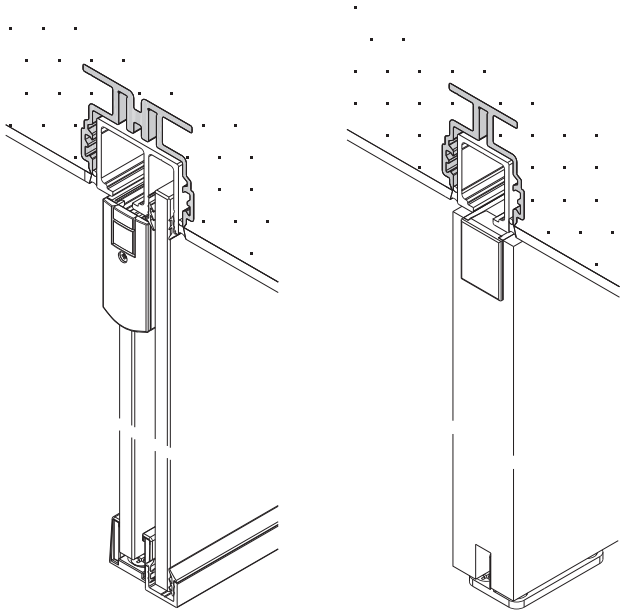
The optionally available aluminum cover simply clips onto the retainer profile with no need for additional fastening components. Installers can attach the clip-on cover to panels with a material thickness of up to 40 mm (1 19/32") for concealed panel attachment.

Hawa-Junior 80 mounting version



Third-party panel of up to 40 mm (1 19/32") material thickness possible

Let HAWA-Junior 80 and 120 running tracks disappear into the ceiling with the sophisticated HAWA-Adapto 80-120 profile.



Description

It is easy and economic to set the HAWA-Adapto 80-120 system in concrete, integrating it into the building shell and so allowing running tracks for HAWA-Junior 80 and 120 to be fitted flush with the ceiling, whether with or without a profile for fixed glass. This puts an end to troublesome drilling in concrete ceilings, making damaged circuits and pipelines a thing of the past.

Features of the HAWA-Adapto 80-120

- ceiling-flush fitting of HAWA-Junior running tracks for wooden and glass sliding doors up to 80 and 120 kg (176/264 lbs.)
- economic assembly in the building shell
- frontal cover caps and a polystyrene insert prevent concrete from penetrating the system
- running tracks do not require a faceplate
- further profiles allow fixed glass to be fitted without hardware being visible
- quick and easy track levelling thanks to special adjusting screws and pre-defined spacing plates

Please observe when designing

When designing your system, please take into account wall structure, ceiling layers, and exposed elements such as switches, skirting boards, etc. The HAWA-Adapto profile must be fitted exactly to the shuttering.

For planning and installation purposes, please use the installation drawing code 19563. (→ www.hawa.ch → HAWA-Productfinder)

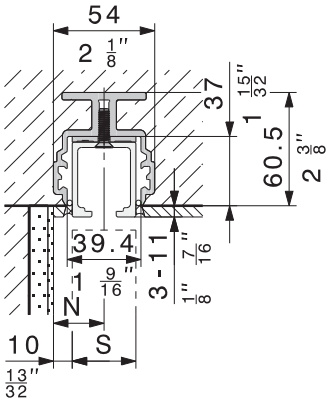
Economic assembly in the building shell

The HAWA-Adapto Profile can be integrated in the building shell easily and exactly using the accessories provided:

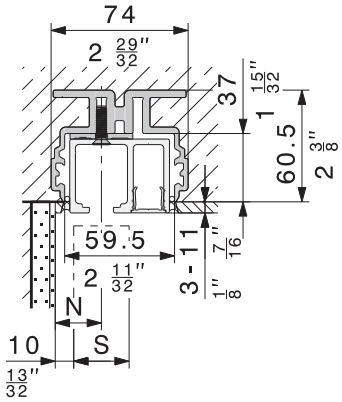
1. Plot running track axis on the sheeting.
2. Nail plastic mounting clips to the concrete sheeting.
3. Fit frontal cover caps and polystyrene insert to HAWA-Adapto profile and press onto the mounting clips.
4. Pour concrete. Done.

HAWA-Adapto 80

N ± 3 mm from finished wall; N = 10 + 5/2, N ≥ 20



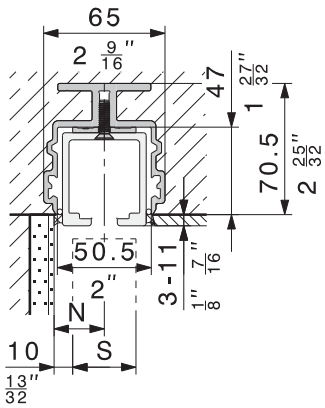
to HAWA-Junior 80 running track without fixed glass



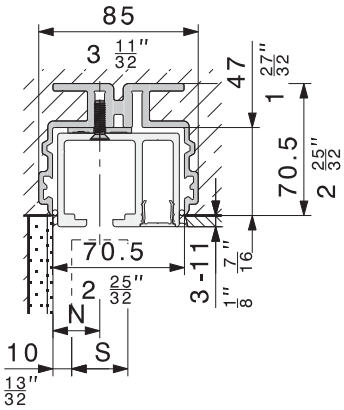
to HAWA-Junior 80 running track with fixed glass

HAWA-Adapto 120

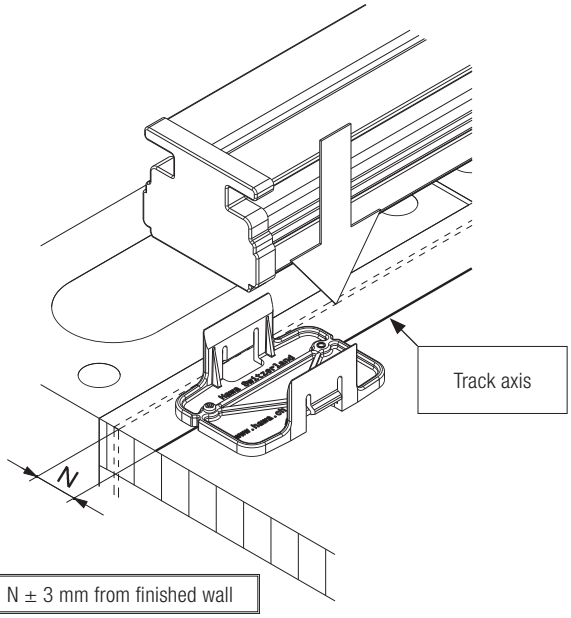
N ± 3 mm from finished wall; N = 10 + 5/2, N ≥ 25



to HAWA-Junior 120 running track with-out fixed glass



to HAWA-Junior 120 running track with fixed glass



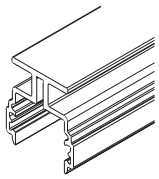
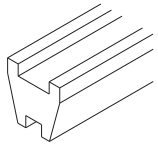
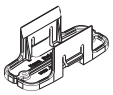
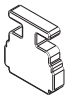
N ± 3 mm from finished wall

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

HAWA-Adapto 80-120 without fixed glass

	mm/inch	code
HAWA-Adapto 80, inset profile for concrete surface **without** fixed glass, set to HAWA-Junior 80	2500 (8'2 7/16")	20216
	4000 (13'1 1/2")	20217
HAWA-Adapto 120, inset profile for concrete surface **without** fixed glass, set to HAWA-Junior 120	3000 (9'10 1/8")	20218
	4000 (13'1 1/2")	20219
Inset profile for concrete surface 4001–6000 mm (13'1 17/32"–19'8 7/32") on request.		

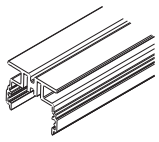
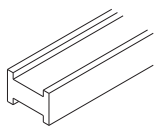
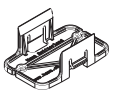
Sets comprising

		mm/inch	20216	20217	20218	20219	code
	HAWA-Adapto 80 inset profile for concrete surfaces, alu	2500 (8'2 7/16")	1	–	–	–	20087
		4000 (13'1 1/2")	–	1	–	–	20088
	HAWA-Adapto 120 inset profile for concrete surfaces, alu	3000 (9'10 1/8")	–	–	1	–	20093
		4000 (13'1 1/2")	–	–	–	1	20091
	HAWA-Adapto 80 polystyrene insert	1000 (3'3 3/8")	2	4	–	–	19418
		500 (1'7 11/16")	1	–	–	–	19556
	HAWA-Adapto 120 polystyrene insert	1000 (3'3 3/8")	–	–	3	4	19419
	HAWA-Adapto 80 assembly clips, plastic black		4	5	–	–	19344
	HAWA-Adapto 120 assembly clips, plastic black		–	–	4	5	19346
	HAWA-Adapto 80 cover plate, plastic grey		2	2	–	–	19366
	HAWA-Adapto 120 cover plate, plastic grey		–	–	2	2	19368

HAWA-Adapto 80-120 with fixed glass

	mm/inch	code
HAWA-Adapto 80, inset profile for concrete surface **with** fixed glass, set to HAWA-Junior 80	2500 (8'2 7/16")	20220
	4000 (13'1 1/2")	20221
HAWA-Adapto 120, inset profile for concrete surface **with** fixed glass, set to HAWA-Junior 120	3000 (9'10 1/8")	20222
	4000 (13'1 1/2")	20223
Inset profile for concrete surface 4001–6000 mm (13'1 17/32"–19'8 7/32") on request.		

Sets comprising

		mm/inch	20220	20221	20222	20223	code
	HAWA-Adapto 80 inset profile for concrete surfaces, alu	2500 (8'2 7/16")	1	–	–	–	20094
		4000 (13'1 1/2")	–	1	–	–	20095
	HAWA-Adapto 120 inset profile for concrete surfaces, alu	3000 (9'10 1/8")	–	–	1	–	20100
		4000 (13'1 1/2")	–	–	–	1	20098
	HAWA-Adapto 80 polystyrene insert	1000 (3'3 3/8")	2	4	–	–	19555
		500 (1'7 11/16")	1	–	–	–	19557
	HAWA-Adapto 120 polystyrene insert	1000 (3'3 3/8")	–	–	3	4	19558
	HAWA-Adapto 80 assembly clips, plastic black		4	5	–	–	19568
	HAWA-Adapto 120 assembly clips, plastic black		–	–	4	5	19569
	HAWA-Adapto 80 cover plate, plastic grey		2	2	–	–	19968
	HAWA-Adapto 120 cover plate, plastic grey		–	–	2	2	19970

Fitting set to HAWA-Adapto 80-120

	mm/inch	code
Fitting set to HAWA-Adapto 80-120, with countersunk screws	to 2500 (8'2 7/16")	22841
	2501 to 4000 (8'2 15/32" to 13'1 1/2")	22842
	4001 to 6000 (13'1 17/32" to 19'8 7/32")	22843

Set comprising

		mm/inch	22841	22842	22843	code
	Distance plate, plastic	1 (1/16")	2	2	3	19398
		2 (3/32")	2	2	3	19399
		3 (1/8")	2	2	3	19400
		5 (7/32")	4	4	6	19401
	Special countersunk screws, 6 x 22 mm (1/4" x 7/8"), set of 10 pieces		1	2	3	22844

The team: HAWA-Adapto and HAWA-Junior

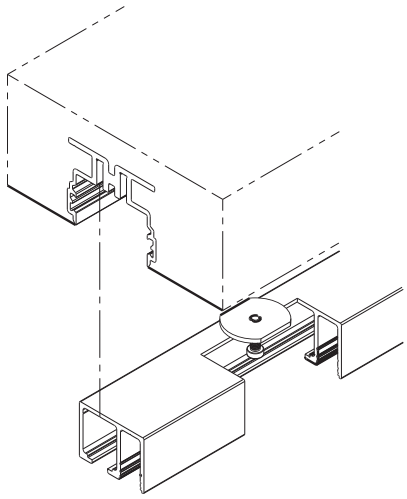
HAWA-Adapto was designed for the following glass and wood sliding systems:

- HAWA-Junior 80-120/GP
- HAWA-Junior 80/GL
- HAWA-Junior 80-120/G
- HAWA-Junior 80-120/B

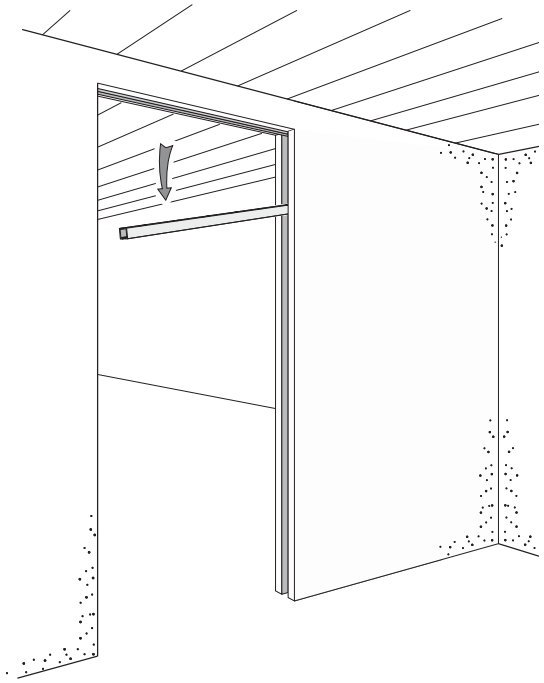
Easy installation of HAWA – Junior running tracks

The HAWA-Adapto profile has a screw duct. HAWA-Junior running tracks both with and without retainers for fixed glass can be attached via the screw duct with special adjustable screws.
Dimensional differences in the structure can be quickly and effectively levelled out by inserting spacing plates at the track ends, with additional plates in the centre for lengths of more than 4 m (13'1 1/2").

For planning and installation purposes, please use the installation drawing code 19564. (→ www.hawa.ch → HAWA-Productfinder)



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



Running track fastening to HAWA-Junior 40-80-120

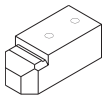
About the product

Allows dismantling running track of fix mounted pocket structures. Ideal for narrow door clearance width.

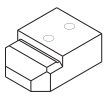
Features of the running track fastening

- removable running track even in fixed pocket structures 40-80-120
- minimal door clearance width: 700 mm (2'3 9")
- Can be combined with HAWA-Adapto 80-120

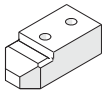
Running track fastening for HAWA-Junior 40

		pieces	code
	Running track fastening for removable running track for a max. door clearance with 800 mm for HAWA-Junior 40	1	27201

Running track fastening for HAWA-Junior 120

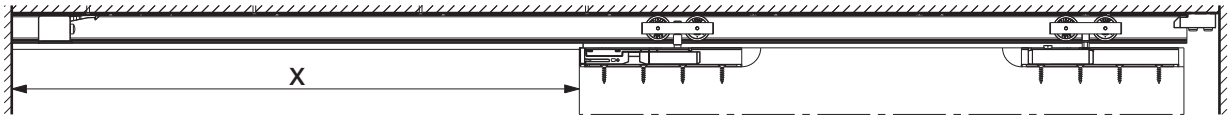
		pieces	code
	Running track fastening for removable running track for a max. door clearance with 1000 mm for HAWA-Junior 120	1	27203

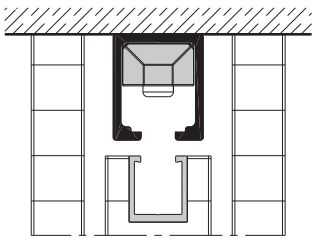
Running track fastening for HAWA-Junior 80

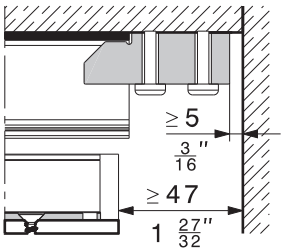
		pieces	code
	Running track fastening for removable running track for a max. door clearance with 850 mm for HAWA-Junior 80	1	25442

Screw set for HAWA-Adapto 80-120

		pieces	code
	Screw set for securing running track, set of 2 pcs. to HAWA-Adapto 80-120	1	25612

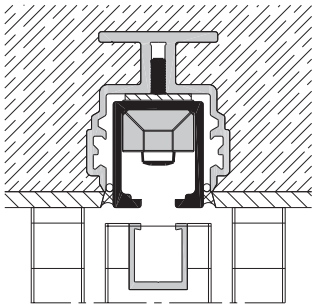


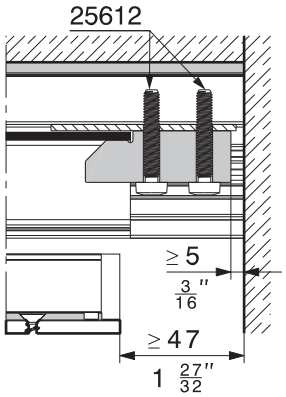




Ceiling mounting

X	HAWA-Junior 40	HAWA-Junior 80	HAWA-Junior 120
	≤ 800	≤ 850	≤ 1000



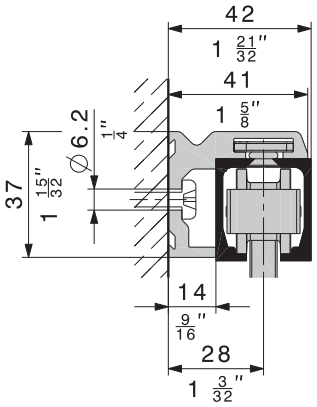


Integrated ceiling mounting with HAWA-Adapto 80

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

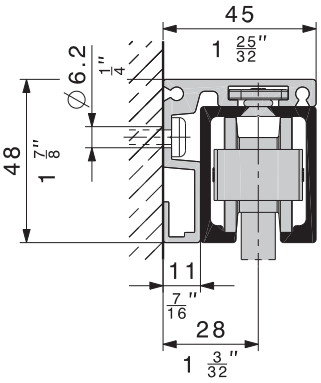
HAWA-Junior 40

Max. door thickness 42 mm ($1\frac{21}{32}$")



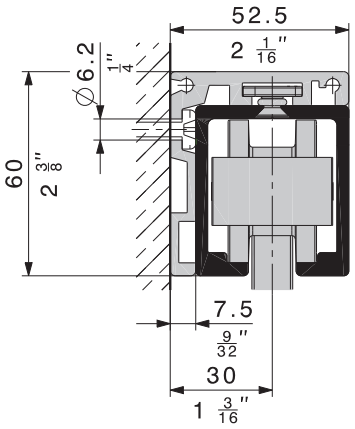
HAWA-Junior 80

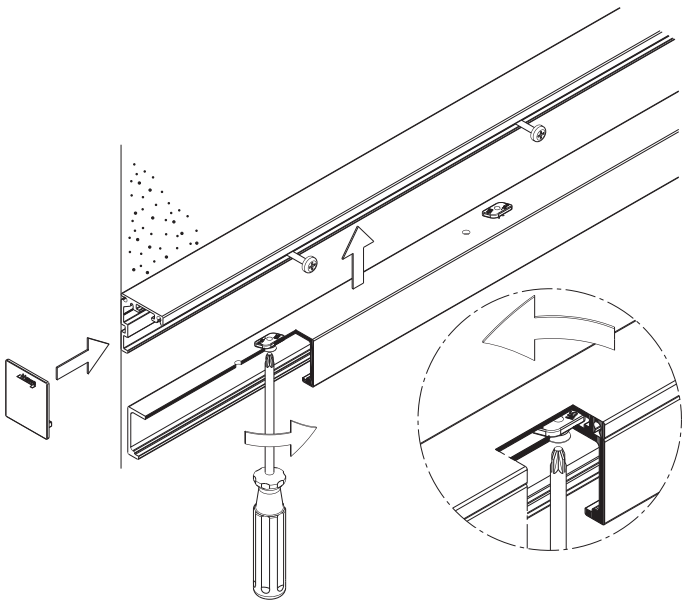
Max. door thickness 42 mm ($1\frac{21}{32}$")



HAWA-Junior 120

Max. door thickness 45 mm ($1\frac{25}{32}$")





Side-fixing angled profile HAWA-Junior 40/80/120 wood.

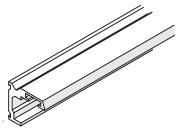
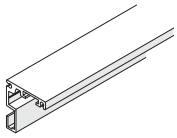
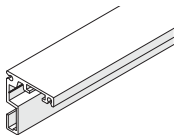
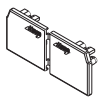
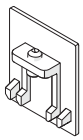
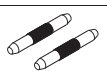
Description

The clever wall mounting with the new angle profile for HAWA-Junior tracks, door weight up to 120 kg (264 lbs.).

Features of the side-fixing angled profile

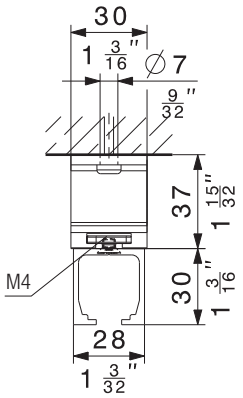
- Permits top-quality design without cover-blinds
- Groove nuts clamp tracks rapidly and simply
- Convenient levelling thanks to continuous angle profile
- High quality cover caps made of metal to angled profile 80/120 which can be mounted on the left and right.
- Angled profiles 80/120 can be individually extendible in length by means of connecting pins.

Accessories to side-fixing angled profile

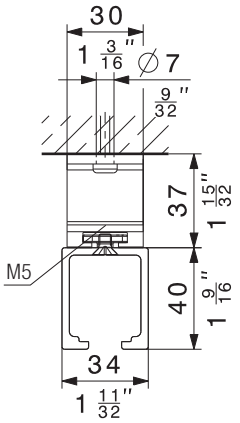
Caution: Hole positions vary		mm/inch	code
	HAWA-Junior 40 side-fixing angled profile, alu, plain anodized, predrilled	2000 (6'6 3/4")	18404
		4000 (13'1 1/2")	18636
		6000 (19'8 7/32")	18403
		cut to size	18405
	HAWA-Junior 80 side-fixing angled profile, alu, plain anodized, predrilled	2500 (8'2 7/16")	24947
		4000 (13'1 1/2")	24946
		6000 (19'8 7/32")	24945
		cut to size	24948
	HAWA-Junior 120 side-fixing angled profile, alu, plain anodized, predrilled	4000 (13'1 1/2")	25327
		6000 (19'8 7/32")	25328
		cut to size	25329
	HAWA-Junior 40 Fitting set for side fixing, 10 pieces, for running track length up to 2000 mm (6'6 3/4")		17785
	HAWA-Junior 80 Fitting set for side fixing, 10 pieces, for running track length up to 2500 mm (8'2 7/16")		17786
	HAWA-Junior 120 Fitting set for side fixing, 10 pieces, for running track length 2000 mm (6'6 3/4")		19041
	HAWA-Junior 40 Cover plate for side-fixing angled profile, anthracite-grey RAL 7016, 1 pair		21502
	HAWA-Junior 80 Cover cap to angled profile, metal, suitable to both sides, dull chromium finish, 1 piece		24932
	HAWA-Junior 120 Cover cap to angled profile, metal, suitable to both sides, dull chromium finish, 1 piece		25335
	Connecting pins for profiles, set of 2 pieces		21347

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

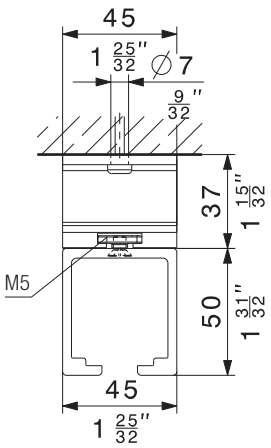
HAWA-Junior 40

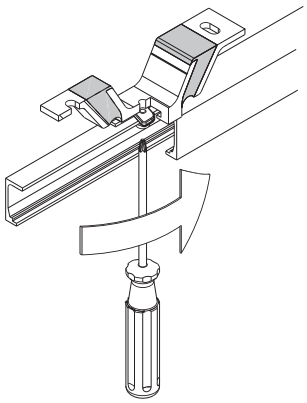


HAWA-Junior 80



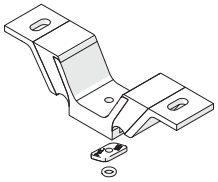
HAWA-Junior 120





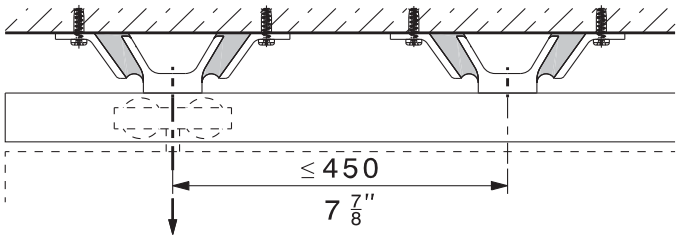
HAWA-SoundEx confines transmission of structure-borne noise from the sliding system to the building.

HAWA-SoundEx

			code
	HAWA-SoundEx, including fixing parts for running track, 1 piece	HAWA-Junior 40	19588
		HAWA-Junior 80	19589
		HAWA-Junior 120	19590

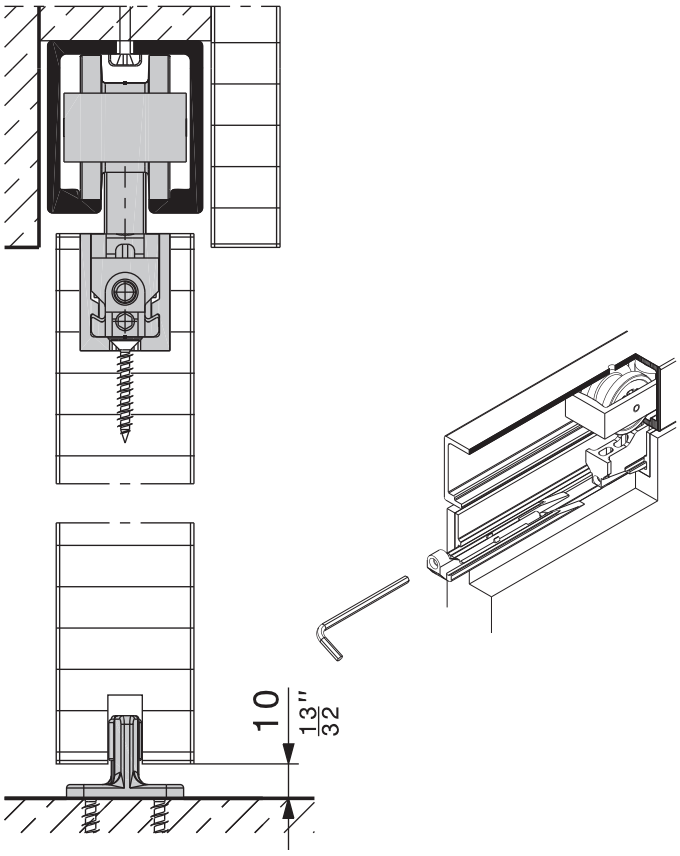
Planning/installation

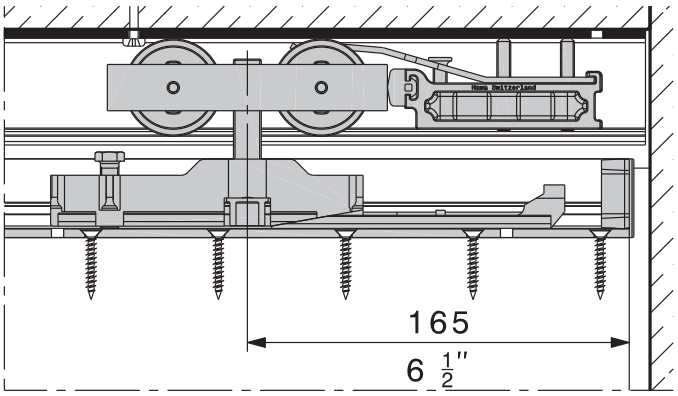
For planning and installation purposes, please use the installation drawing code 19661.
(→ www.hawa.ch → HAWA-Productfinder)



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

HAWA-Assembly wedge





Hanging and removing sliding doors without dismantling the door lining and cover

For construction purposes, please note the following points:
- A removable 100 mm (3 5/16") wide stop strip must be attached on the lock side.
- The sliding door should not reach more than 5 mm (7/32") into the top or door lining.
- When closed, the sliding door should not stand more than 50 mm (1 31/32") behind the covering panel.

Top-running sliding door constructions

For construction purposes, please note the following points:
- Constructions of this type are often installed without a covering panel. If a covering panel is to be installed, this must either be removable, or else a removable 100 mm (3 5/16") wide stop strip must be attached on the lock side.

Description

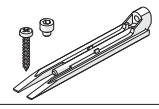
HAWA-Assembly wedge for end-fixing of sliding doors running in the ceiling. The HAWA-Assembly wedge opens up new design possibilities. This accessory permits constructions in which a sliding door runs in the top and makes it possible to hang and remove sliding doors without dismantling the door lining and cover.

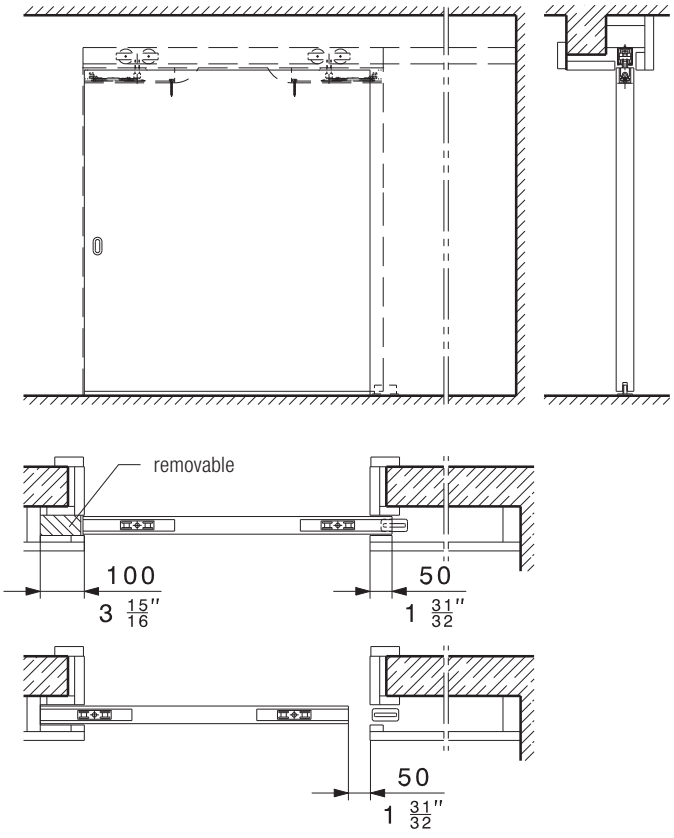
It can be used with the following hardware sets:
- HAWA-Junior 80/G
- HAWA-Junior 120/B, 120/G
- HAWA-Silenta 150/B
- HAWA-Junior 250/B, 250/G

Applications

For sliding doors in elegant interiors, e.g. hotels, offices, industrial and administration buildings and apartments.

HAWA-Assembly wedge

		code
	HAWA-Assembly wedge for sliding doors running in the ceiling (set for 1 sliding door)	15770



Planning/installation

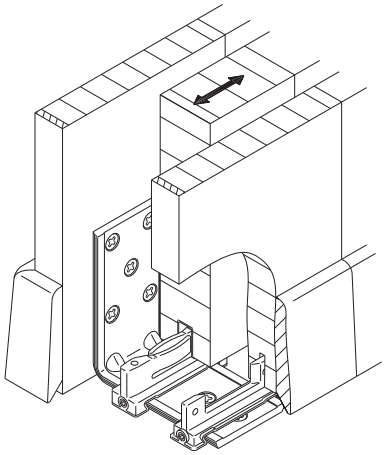
For planning and installation purposes, please use the installation drawing code 15596. (→ www.hawa.ch → HAWA-Productfinder)

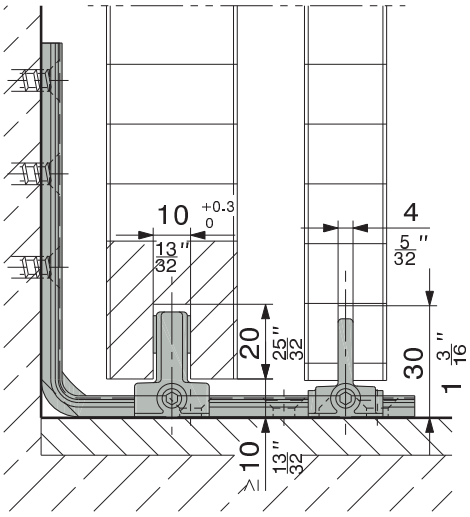
Subject to modification. Metric specifications are exact. Inches are approximate.

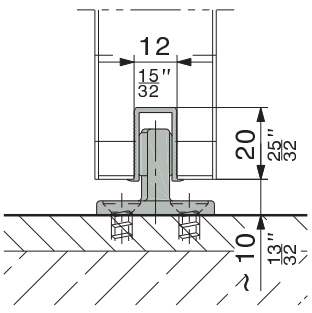
HAWA-Confort 120

This hardware system provides a convenient solution to an age-old problem. Inadequate means of attachment to crumbly sub-flooring or in the vicinity of a floor heating system can give rise to a variety of problems. HAWA-Confort 120 provides the perfect solution, the floor guide is attached to the wall. The guide and catch components are laterally adjustable (where a trim wall is available).

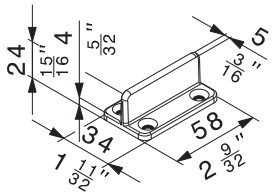
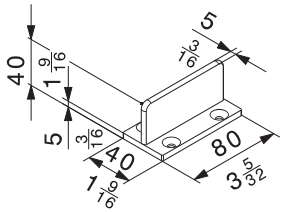
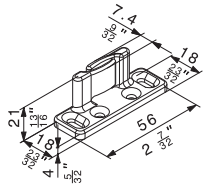
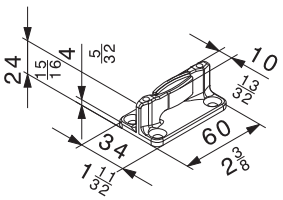
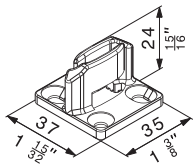
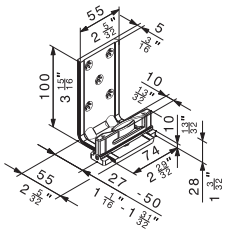
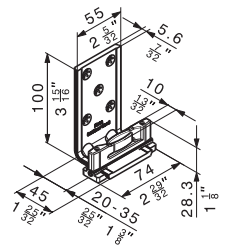
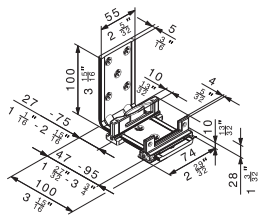
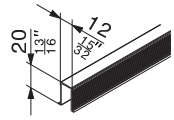
Please use the corresponding installation instructions code 21793.







Floor guides for sliding doors up to 120 kg (264 lbs.), groove widths 5, 7,10 mm ($\frac{7}{32}$"/$\frac{9}{32}$"/$\frac{13}{32}$")

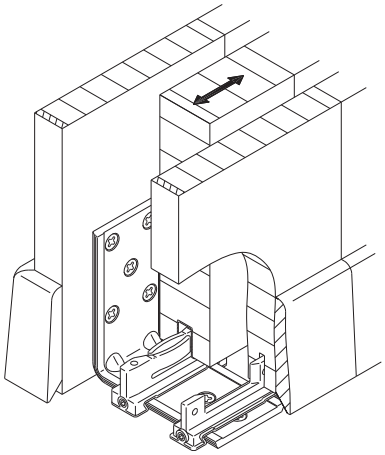
			code
	Floor-mounted guide, plastic, groove width 5 mm ($\frac{7}{32}$")		10507
	Floor-mounted guide, galvanized steel, groove width 5 mm ($\frac{7}{32}$")		10508
	Guide, rattle proof, for screw mounting to floor, black plastic, groove width 7 mm ($\frac{9}{32}$")		20635
	Guide, rattle proof, for screw mounting to floor, black plastic, groove width 10 mm ($\frac{13}{32}$")	1 piece	14427
		set of 10 pieces	25958
	Guide, rattle proof, for screw mounting to floor, black plastic, groove width 10 mm ($\frac{13}{32}$")		25369
	HAWA-Confort 120, single, laterally adjustable floor-mounted guide, rattle proof, black plastic, groove width 10 mm ($\frac{13}{32}$")		14649
	HAWA-Confort 120, single, laterally adjustable floor-mounted guide, rattle proof, black plastic, groove width 10 mm ($\frac{13}{32}$")		16158
	HAWA-Confort 120, dual, laterally adjustable floor-mounted guide, rattle proof, black plastic and holding device for trim wall, groove width 10 + 4 mm ($\frac{13}{32}$"+$\frac{5}{32}$")		14651
	Guide profile, plastic, black, 1300 mm (4'3 $\frac{3}{16}$"), groove-mounted, set of 10 pieces		14540

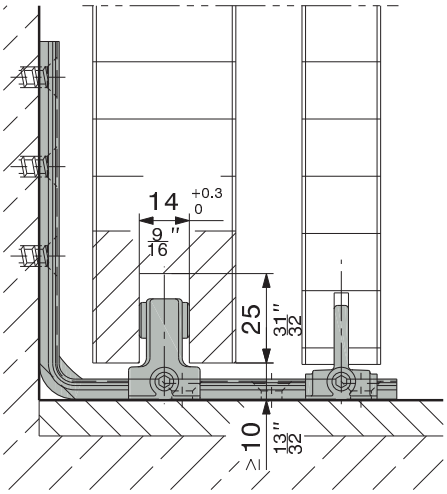
Subject to modification. Metric specifications are exact. Inches are approximate.

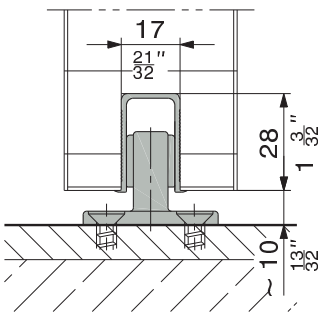
HAWA-Confort 160

This hardware system provides a convenient solution to an age-old problem.
Inadequate means of attachment to crumbly sub-flooring or in the vicinity of a floor heating system can give rise to a variety of problems. HAWA-Confort 160 provides the perfect solution, the floor guide is attached to the wall. The guide and catch components are laterally adjustable (where a trim wall is available).

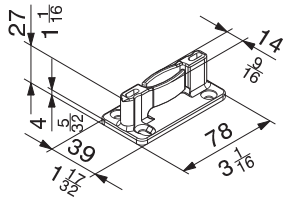
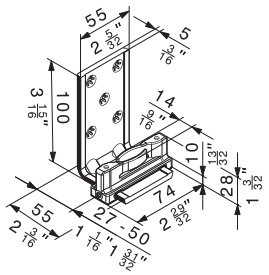
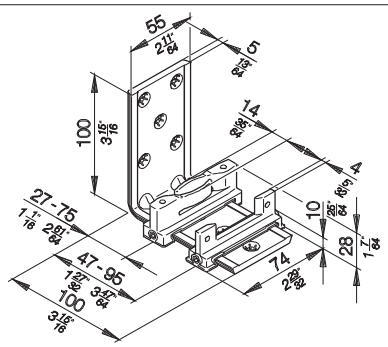
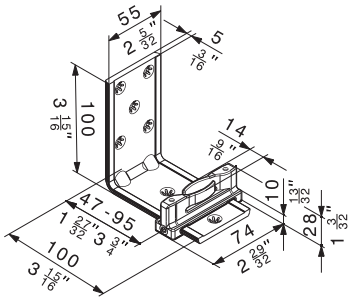
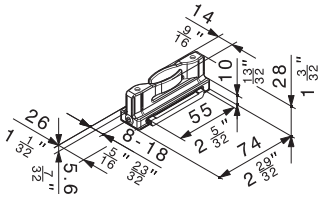
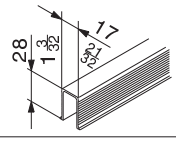
Please use the corresponding installation instructions code 15237.





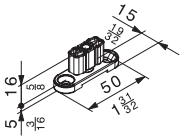
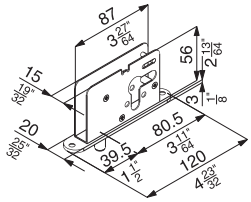
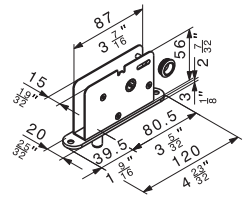
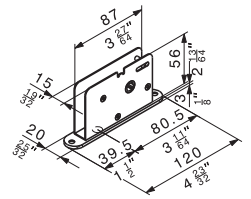
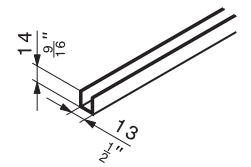
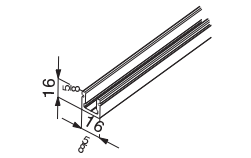
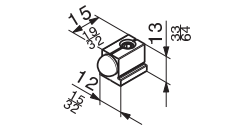


Floor guides for sliding doors up to 160 kg (352 lbs.), groove width 14 mm (9/16")

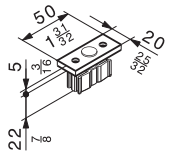
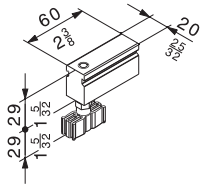
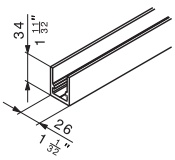
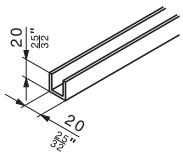
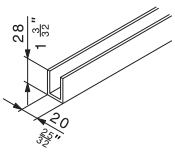
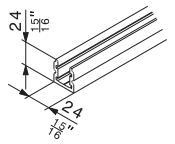
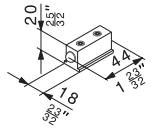
		code
	Guide, rattle proof, for screw mounting to floor, plastic black, groove width 14 mm (9/16")	14711
	HAWA-Confort 160, single, laterally adjustable floor-mounted guide, rattle proof, plastic black, groove width 14 mm (9/16")	15274
	HAWA-Confort 160, dual, laterally adjustable floor-mounted guide, rattle proof, plastic black, and holding device for trim wall, groove width 14 + 4 mm (9/16"+5/32")	15275
	HAWA-Confort 160, single, laterally adjustable floor-mounted guide, rattle proof, plastic black, with long bracket, groove width 14 mm (9/16")	15623
	Guide, rattle proof, for screw mounting to floor, adjustable, groove width 14 mm (9/16")	15638
	Guide profile, plastic black, 3000 mm (9'10 1/8"), groove-mounted, set of 5 pieces	14963

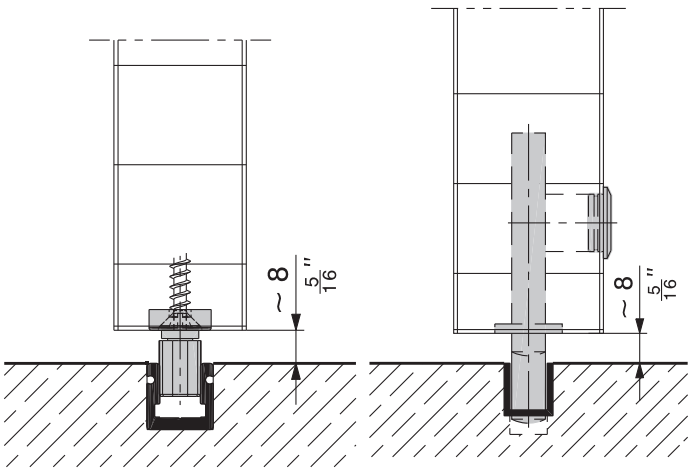
Subject to modification. Metric specifications are exact. Inches are approximate.

Floor guides and bottom guide profiles, inside dimension 10 mm ($\frac{13}{32}$")

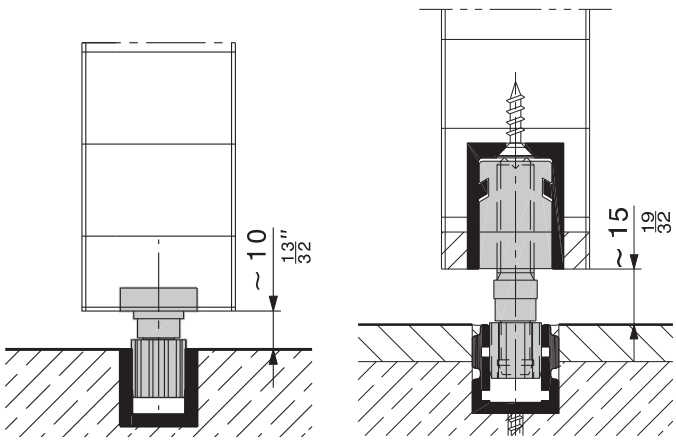
Caution: Hole positions vary			code
	Single floor guide, screw mounting, rattle proof, wood		14283
	Bar bolt lock 9 mm ($\frac{3}{8}$"), profile cylinder	with guide pin	18750
		without guide pin	18836
	Bar bolt lock 9 mm ($\frac{3}{8}$"), square/hexagon socket, with slip-fit rose	with guide pin	18833
	Bar bolt lock 9 mm ($\frac{3}{8}$"), square/hexagon socket	without guide pin	18898
	Bottom guide channel, brass, predrilled 14 x 13 x 1,5 mm ($\frac{9}{16}$" x $\frac{17}{32}$" x $\frac{1}{8}$")	undrilled 6000 mm (19'8$\frac{7}{32}$")	10235
		predrilled 6000 mm (19'8$\frac{7}{32}$")	10236
		cut to size	10237
	Bottom guide channel, alu plain anodized, predrilled, 16 x 16 x 3 mm ($\frac{5}{8}$" x $\frac{5}{8}$" x $\frac{1}{8}$")	3500 mm (11'5$\frac{13}{16}$")	18864
		6000 mm (19'8$\frac{7}{32}$")	18216
		cut to size	18477
	End stopper for alu bottom guide channel, 16 x 16 mm ($\frac{5}{8}$" x $\frac{5}{8}$")		18652

Floor guides and bottom guide profiles, inside dimension 14 mm ($\frac{9}{16}$")

Caution: Hole positions vary			code
	Guide plate with rattle proof guide piece, 14 mm ($\frac{9}{16}$")		13325
	Guide with plastic slider 14 mm ($\frac{9}{16}$") and suspension block		13781
	Multi-purpose suspension and retainer profile, alu plain anodized, predrilled	6500 mm (21'3$\frac{29}{32}$")	10346
		cut to size	10347
	Bottom guide channel, alu plain anodized, predrilled 20 x 20 x 3 mm ($\frac{25}{32}$" x $\frac{25}{32}$" x $\frac{1}{8}$")	6000 mm (19'8$\frac{7}{32}$")	14414
		cut to size	14415
	Bottom guide channel, brass, predrilled 20 x 28 x 3 mm ($\frac{25}{32}$" x 1$\frac{1}{8}$" x $\frac{1}{8}$")	6000 mm (19'8$\frac{7}{32}$")	10245
		cut to size	10247
	Bottom guide channel, alu plain anodized, undrilled	6000 mm (19'8$\frac{7}{32}$")	15405
		cut to size	15554
	Stop bumper for 15405 and 15554		15636



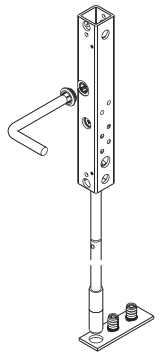
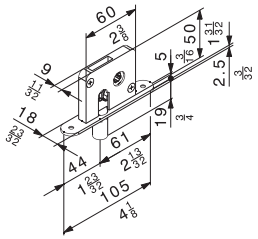
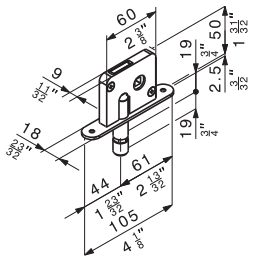
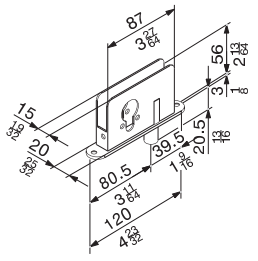
Floor guides and bottom guide profiles, inside dimension 10 mm ($\frac{13}{32}$")

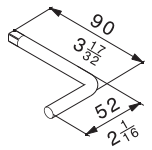
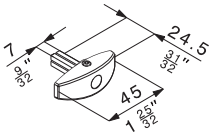
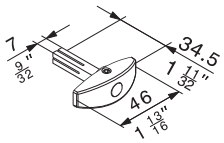
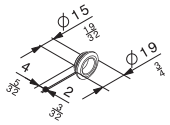
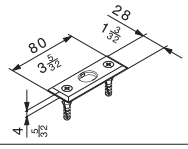
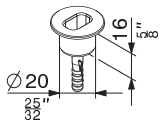
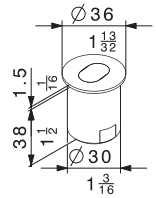
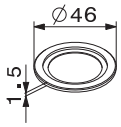


Floor guides and bottom guide profiles, inside dimension 14 mm ($\frac{9}{16}$")

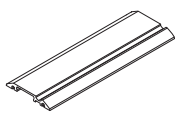
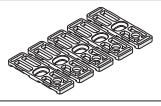
Subject to modification. Metric specifications are exact. Inches are approximate.

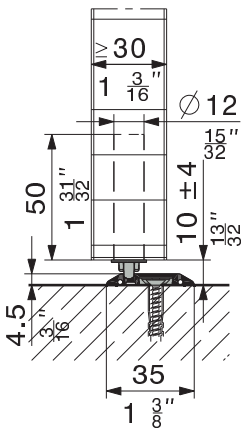
Locks for bottom guide channels, inside dimension 14 mm ($\frac{9}{16}$")

			code
	HAWA-Doorfix Bar bolt lock, galvanized steel Backset 18 mm ($\frac{23}{32}$") Socket square/hexagonal 7/8 mm Total lift of push rod: 46 mm ($1\frac{13}{16}$") Double turn, 1st level 28 mm ($1\frac{1}{8}$") 2nd level 18 mm ($\frac{23}{32}$") Operation height: 980 mm or 830 mm (3'11$\frac{13}{16}$" or 2'8$\frac{11}{16}$") Push rod can be shortened. The bar bolt lock can be operated both sides from the door surface as well as from the front. Assembly dimensions → page 82		15077
	Dead bolt lock, 13 mm ($\frac{17}{32}$") Backset 29.5 mm ($\frac{15}{32}$") Socket square/hexagonal 7/8 mm	Galvanized steel	10726
		Stainless steel WNR 1.4301/ AISI 304	17131
	Dead bolt lock, 13 mm ($\frac{17}{32}$") Galvanized steel, with guide pin plastic-tyred Backset 29.5 mm ($\frac{15}{32}$") Socket square/hexagonal 7/8 mm		13550
	HAWA-bar bolt lock, 13 mm ($\frac{17}{32}$") Galvanized steel Backset 34.5 mm ($1\frac{11}{32}$")	profile cylinder 17 mm ($\frac{11}{16}$")	16695
		profile cylinder 17 mm ($\frac{11}{16}$"), Stainless steel WNR 1.4301/ AISI 304	21087
		round cylinder 22 mm ($\frac{7}{8}$")	16696
		square/hexagon socket 7/8 mm	16697

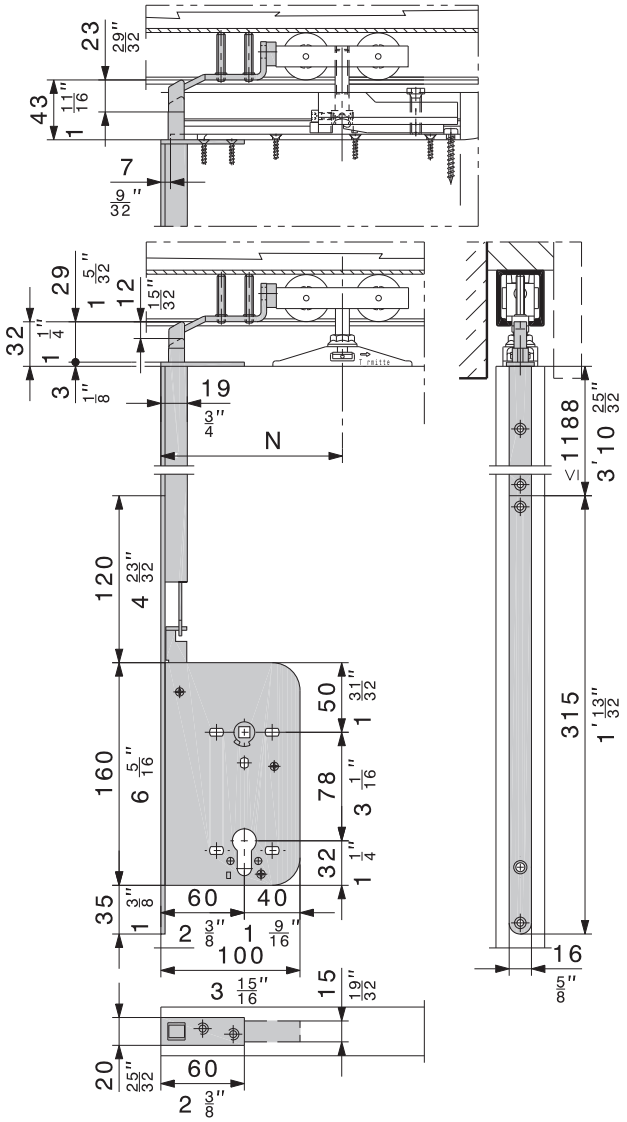
		code
	Key for locks, 7 mm ($\frac{9}{32}$")	10723
	Thumbturn, chromium finish, for door thicknesses of 35–40 mm ($1\frac{3}{8}$"–$1\frac{19}{32}$")	13789
	Thumbturn, chromium finish, for door thicknesses of 41–57 mm ($1\frac{5}{8}$"–$2\frac{1}{4}$")	19806
	Slip-fit rose, brass dull nickel finish	13858
	Strike plate, chromium-plated steel	13130
	Sleeve closure including fitting screw	19149
	Floor-mounted sleeve with oblong hole and chromium-plated brass spring, Ø 36 mm ($1\frac{7}{16}$")	13787
	Rosette for floor-mounted sleeve 13787	17326

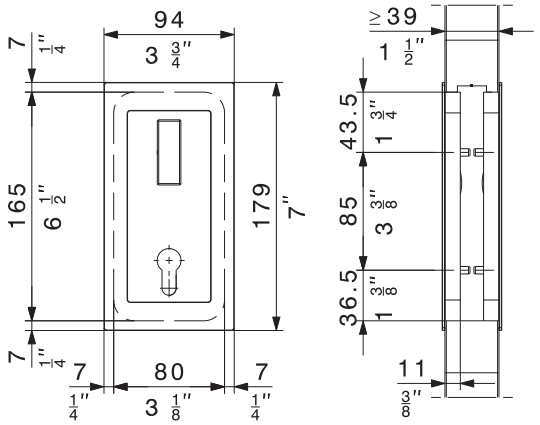
Surface mounted bottom guide

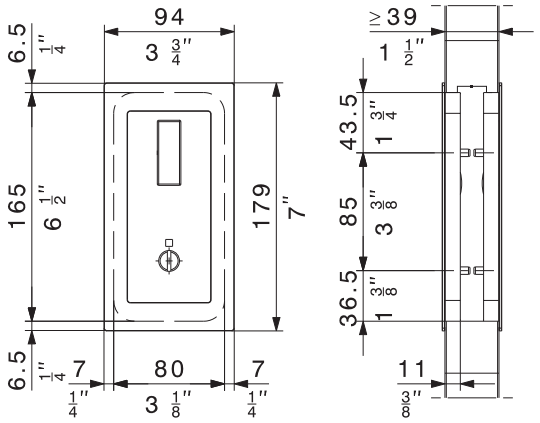
		mm/inch	code
	Single bottom guide profile, alu plain anodized	2500 mm (8'2$\frac{7}{16}$")	19348
		3500 mm (11'5$\frac{13}{16}$")	19349
		6000 mm (19'8$\frac{7}{32}$")	18956
		cut to size	19350
	Set of fixing parts for bottom guide profiles, 5 pieces (2 pieces per metre)		19162
	Spring loaded floor guide, for 1 wooden sliding door (2 pieces)		19155



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





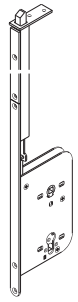


HAWA-Silent-Stop, bar bolt lock for sliding doors with a height of up to 2350 mm (7'8 7/16") and a max. door weight of 160 kg (352 lbs.).

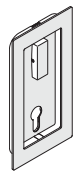
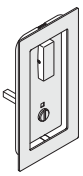
Description

This reliable lock closes in the running track. Special strike plates are available for installing the lock in the running tracks of HAWA-Junior hardware for door weights of up to 160 kg (352 lbs.). A variety of corresponding inlet apertures are also available.

Bar bolt lock HAWA-Silent-Stop

		code
	Steel galvanized Left- and right-hand use Backset 60 mm (2 23/64") Aperture spacing 78 mm (3 5/64") Forend 16/3/315 mm (5/8"/1/8"/1 13/32") Socket 8 mm (5/16") Without strike plate Push bar, guide profile and lock plate can be shortened	
	with hinged-ring key	14349
	for 17 mm (43/64") profiled cylinder	14350
	with 7 mm (9/32") socket (WC)	14351

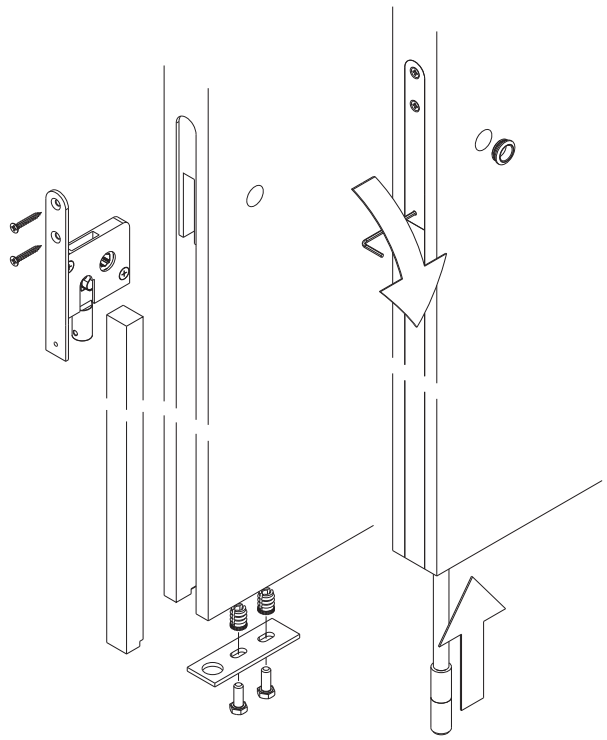
Inlets for HAWA-Silent-Stop bar bolt lock

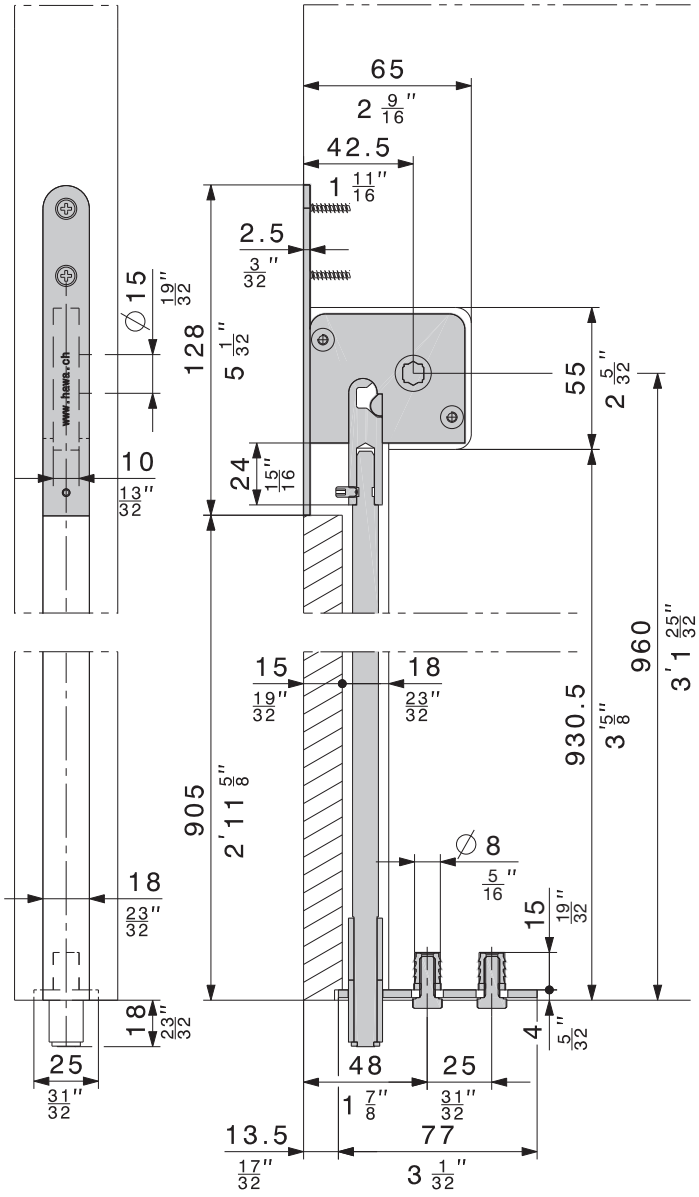
		code
	Set of inlets Stainless steel brushed Wood thickness 39–70 mm (1 17/32"–2 3/4") Aperture spacing 78 mm (3 5/64") Set comprising: 2 inlets Thumbturn above, 8 mm (5/16") thorn	
	with hinged-ring key	24831
	for 17 mm (43/64") profiled cylinder	24832
	Set of inlets for WC bar bolt lock Stainless steel brushed Wood thickness 39–70 mm (1 17/32"–2 3/4") Aperture spacing 78 mm (3 5/64") Set comprising: 1 inlet external, with visible plate green/red 1 inlet interior, thumbturn above, 8 mm (5/16") thorn, thumbturn WC, 7 mm (9/32") thorn	24833
The indicated minimum door thickness refers to sliding doors with a mortise located exactly in the centre of the door panel.		

Special strike plates for HAWA-Silent-Stop

			code
	Strike plate, steel galvanized	HAWA-Junior 40	10746
		HAWA-Junior 80	10734
		HAWA-Junior 120	14872
		HAWA-Junior 160	10745
		HAWA-Silenta 150/B	10736
	Strike plate to HAWA-Media 70		10739

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



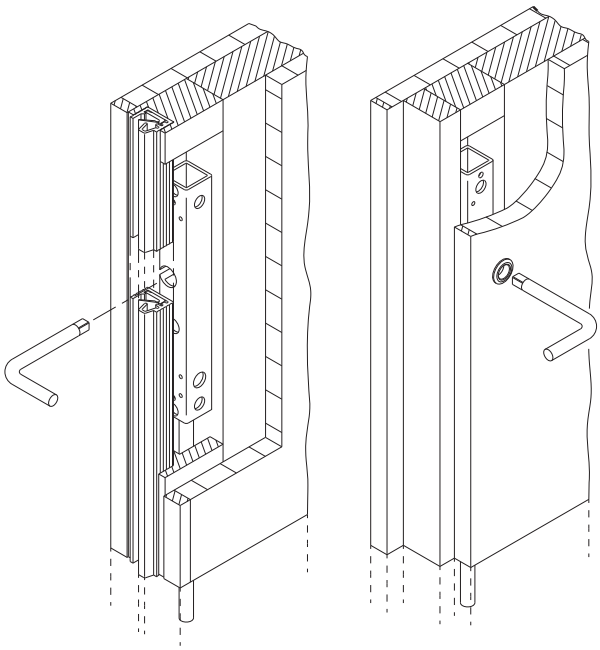


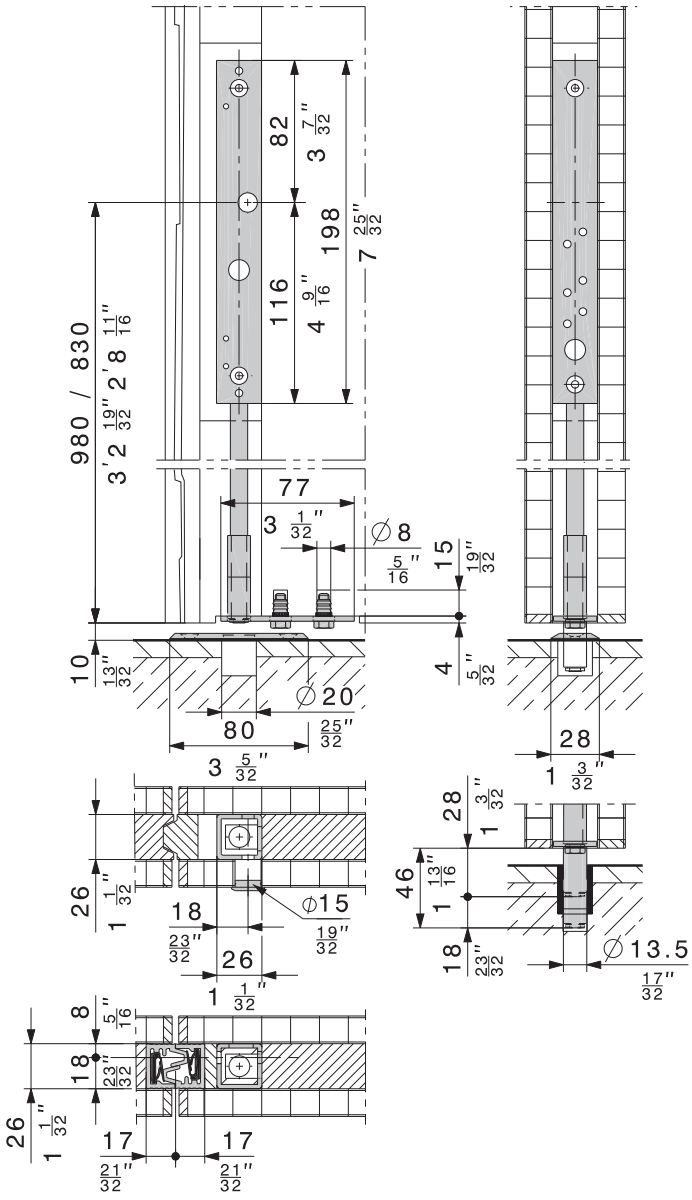
HAWA-bar bolt lock for locking the sliding shutters, folding- and centre fold walls at handle height.

HAWA-Bar bolt lock

		code
	Bar bolt lock Backset 42,5 mm (1 11/16") Socket square/hexagonal, 7/8 mm Total lift of push rod: 18 mm (23/32") Operation height: 960 mm (3'11 13/16") complete The bar bolt lock can be operated from the door surface with a square/hexagonal key.	19592
	Thumbturn, chomium finish, for panel thickness 35 to 40 mm (1 3/8" to 1 19/32")	13789
	Thumbturn, chomium finish, for panel thickness 41 to 57 mm (1 5/8" to 2 1/4")	19806
	Key for deadbolt lock	10723
	Slip-fit rose, brass dull nickel finish	13858
	Floor-mounted sleeve with oblong hole and chromium plated brass spring, Ø 36 mm (1 7/16")	13787
	Rosette for floor-mounted sleeve 13787	17326
	Strike plate, chromium-plated steel	13130

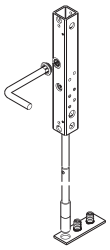
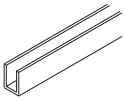
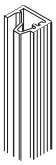
Subject to modification. Metric specifications are exact. Inches are approximate.



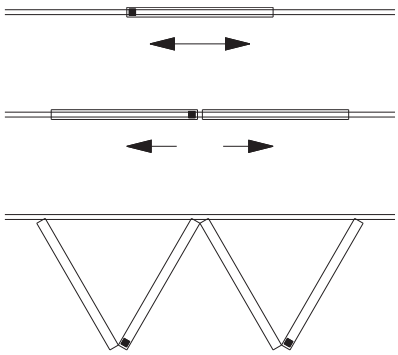


HAWA-Doorfix, bar bolt lock for closing, guiding and immobilizing sliding doors, room dividing walls, folding and accordion walls.
Total lift of push rod: 46 mm (1 13/16").

Bar bolt lock HAWA-Doorfix

			code
	Galvanized steel Backset 18 mm (23/32") Socket square/hexagonal 7/8 mm Total lift of push rod: 46 mm (1 13/16") Double turn, 1st level 28 mm (1 1/8") 2nd level 18 mm (23/32") Operation height: 980 mm or 830 mm (3'11 13/16" or 2'8 11/16"), complete Push rod can be shortened. The bar bolt lock can be operated both sides from the door surface as well as from the front.		15077
	Strike plate, chromium-plated steel		13130
	Floor-mounted sleeve with oblong hole and chromium plated brass spring, Ø 36 mm (1 7/16")		13787
	Rosette for floor-mounted sleeve 13787		17326
	Bottom guide channel, brass, predrilled, 20 x 28 x 3 mm (25/32" x 1 1/8" x 1/8") (Caution: Hole positions vary)	6000 mm (19'8 7/32")	10245
		cut to size	10247
	Seal profile, alu plain anodized, predrilled	6000 mm (19'8 7/32")	14223
		cut to size	13528
	Rubber profile, black	roll of 20 m (65'7 13/32")	15340
		cut to size	13571

Examples of use

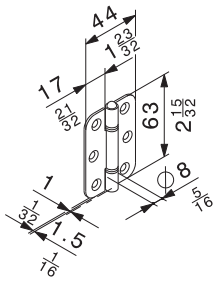
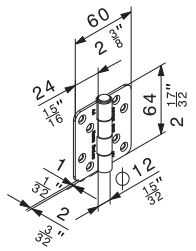
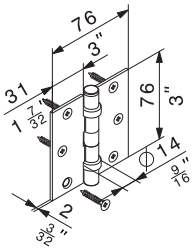


Planning/installation

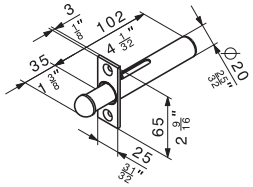
For planning and execution please use the installation drawing code 15078.
(→ www.hawa.ch → HAWA-Productfinder)

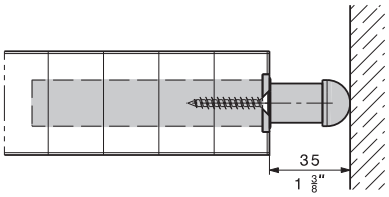
Subject to modification. Metric specifications are exact. Inches are approximate.

Hinges

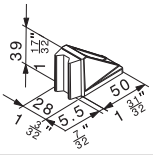
			code
	Hinge with sliding bearing plastic, steel	galvanized	14298
		dull nickel finish	14299
		brass effect	14300
		stainless steel WNR 1.4301/ AISI 304	14588
	Hinge, stainless steel WNR 1.4301/AISI 304		23688
	Ball bearing hinge, steel, with fixing screws	dull nickel finish	10652
		burnished	10666

Spring-loaded door stop for heavy sliding doors

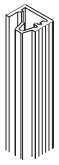
		code
	Spring-loaded mortise-type door stop, galvanized steel, screw-fit	10591

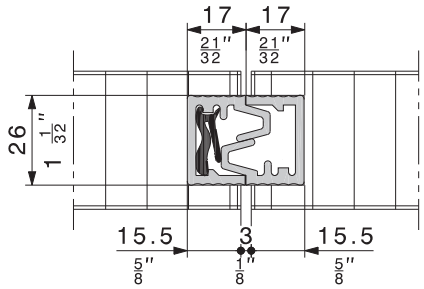


Bottom door stop

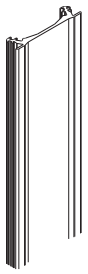
Caution: Minor differences in colour are possible			code
	Bottom door stop with centering assembly	dull chromium finish	20773
		stainless steel effect	21473
The bottom door stop quietly and gently stalls sliding doors. Sliding doors should be stopped simultaneously at top and bottom.			

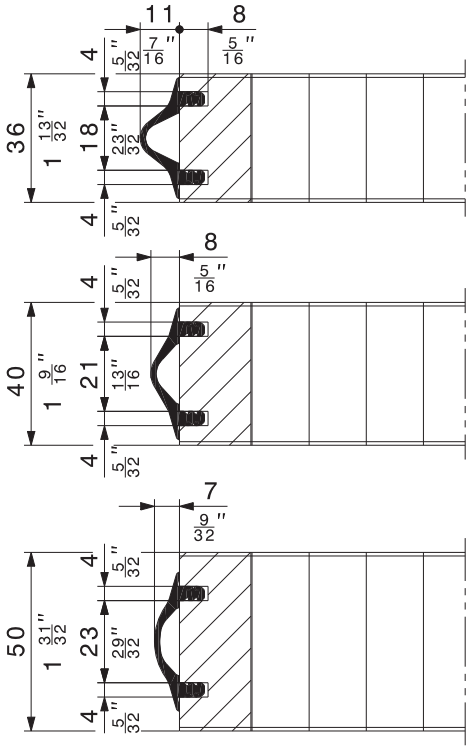
Seal profiles

			code
	Seal profile, alu plain anodized, predrilled	6000 mm (19'8 7/32")	14223
		cut to size	13528
	Rubber profile, black	roll of 20 m (65'7 13/32")	15340
		cut to size	13571



HAWA-protective edge trims, rubber

		roll of	code
	HAWA-protective edge trim, black, similar RAL 7021	5 m (16'4 27/32")	10626
		10 m (32'9 23/32")	12325
	HAWA-protective edge trim, brown, similar RAL 8024	5 m (16'4 27/32")	10627
		10 m (32'9 23/32")	12326
	HAWA-protective edge trim, cream-white, similar RAL 9001	5 m (16'4 27/32")	10649
		10 m (32'9 23/32")	12327
	HAWA-protective edge trim, beige, similar RAL 1001	5 m (16'4 27/32")	15620
		10 m (32'9 23/32")	15621



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.

Subject to modification.

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.**

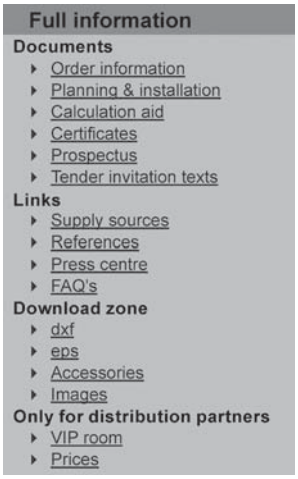
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Hawa SWISS

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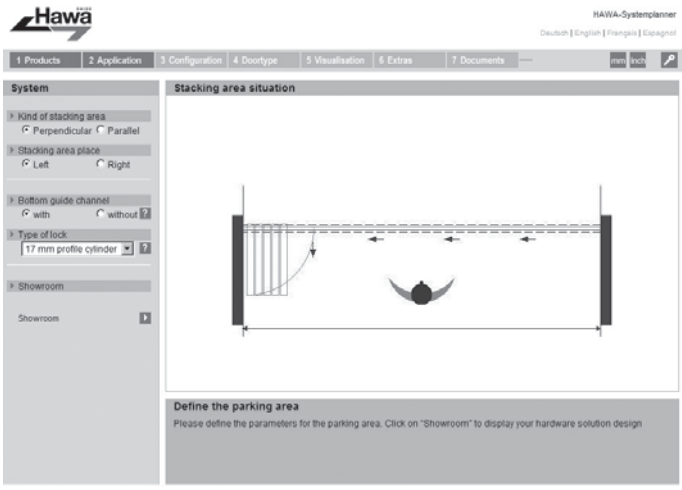
HAWA-Productfinder

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.



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.



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