

Hardware system for all-glass concertina walls up to 80 kg (176 lbs.) and glass thicknesses of 10–12,7 mm ($\frac{13}{32}$ "– $\frac{1}{2}$ ").

Description

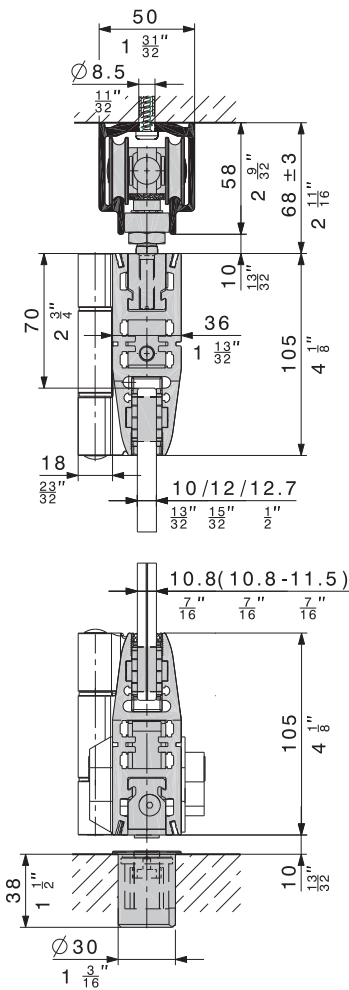
With all-glass concertina-wall installations, the suspension point is in the centre of the panel, which means that up to 6 1/2 panels may be installed without the need for a bottom guide. An access door equipped with our top pivot may also be added on the opposite side to the folding stack. All mechanisms, suspension devices, guides and locks are fully integrated into highly attractive suspension and glass retainer profiles, and our newly developed hinge is installed on the side of the profile. The suspension and glass retainer profiles are the same ones used for HAWA-Variotec 150/GV stacking-wall system. 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. Our documentation simplifies the task of planning such systems, and installation is also simple and convenient.

Applications

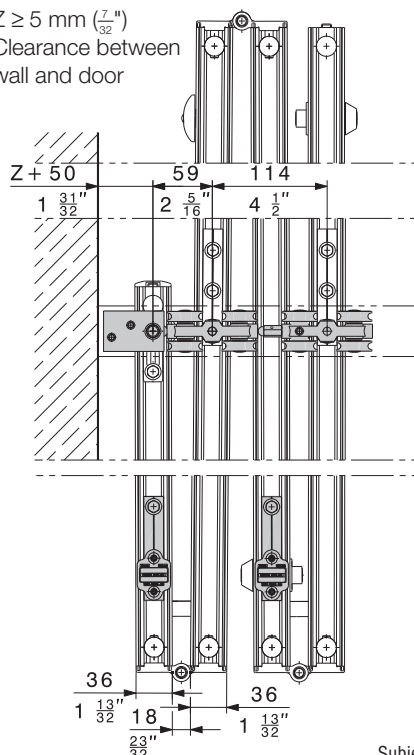
This hardware system is ideal for use wherever a room needs to be divided using a high-quality glass concertina wall that is also simple to operate, e.g. in shopping centres, airports, hotels, restaurants, banks, etc.

Features of the HAWA-Centerfold 80/GV

- Min. panel width 500 mm ($1'7 \frac{11}{16}$ ")
- Max. panel width 900 mm ($2'11 \frac{7}{16}$ ")
- Max. panel height 2600 mm ($8'6 \frac{3}{8}$ ")
- Max. panel weight 80 kg (176 lbs.)
- The same components may be used for constructing installations that open to the left or right, inwards or outwards
- The opposite side may be equipped with a separate pivot door
- Vertical adjustment ± 3 mm ($\pm \frac{1}{8}$ ")
- Elegant design
- Secure locking mechanism
- Extremely smooth and silent operation
- Minimal space requirement in staking area
- ESG: Toughened safety glass 10/12/12,7 mm ($\frac{13}{32}$ "/ $\frac{15}{32}$ "/ $\frac{1}{2}$ ")
- VSG: Laminated safety glass manufactured from ESG 10,8–11,5 mm ($\frac{7}{16}$ "– $\frac{15}{32}$ ")

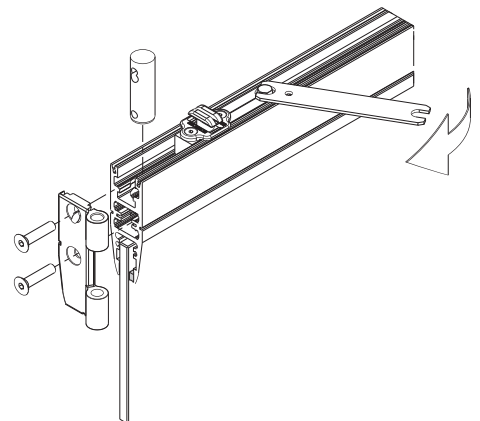


$Z \geq 5$ mm ($\frac{1}{32}$ ")
Clearance between wall and door













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.



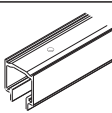
Subject to modification. Metric specifications are exact. Inches are approximate.

Partial sets without top track and bottom guide channel

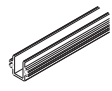
		code
	Set for 1½ panel	16786
	Set for 1½ panel unit with pivot panel	16787
	Set for 2½ panels	16788
	Set for 2½ panel unit with pivot panel	16789
	Set for 3½ panels	16790
	Set for 3½ panel unit with pivot panel	16791
	Set for 4½ panels	16792
	Set for 4½ panel unit with pivot panel	16793
	Set for 5½ panels	16794
	Set for 5½ panel unit with pivot panel	16795

In principle, Centerfold systems may be installed without the need for a bottom guide channel.

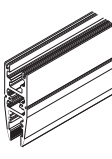
Top tracks

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



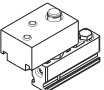







Bottom guide channels

Caution: Hole positions vary.			code
	Bottom guide channel, alu plain anodized, predrilled, 31 x 28 mm (1 ⁷ / ₃₂ " x 1 ¹ / ₈ ")	6000 mm (19'8 ⁷ / ₃₂ ")	13688
		cut to size	13690

Glass suspension and retainer profiles

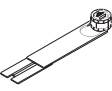
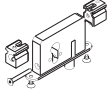
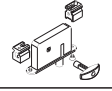
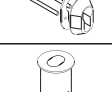
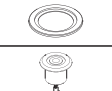
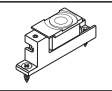
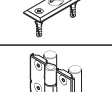
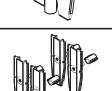

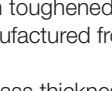
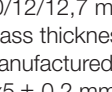
			code
	Glass suspension retainer profile, alu plain, anodized, brushed	6500 mm (21'3 ²⁹ / ₃₂ ")	16669
		cut to size	19868
	Glass suspension retainer profile, alu, unanodized	6500 mm (21'3 ²⁹ / ₃₂ ")	13576
		cut to size	13681

Partial sets comprising

	16786	16787	16788	16789	16790	16791	16792	16793	16794	16795	code
	1	1	1	1	1	1	1	1	1	1	16482
	-	-	-	-	1	1	1	1	2	2	16685
	1	2	1	2	1	2	1	2	1	2	16485
	1	2	1	2	1	2	1	2	1	2	16325
	-	-	1	1	-	-	1	1	-	-	16701
	1	2	2	3	2	3	3	4	3	4	20426
	-	1	-	2	1	3	2	4	3	5	16968
	1	1	1	1	1	1	1	1	1	1	10789
	1	1	1	1	1	1	1	1	1	1	14861
	1	1	1	1	1	1	1	1	1	1	15409

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

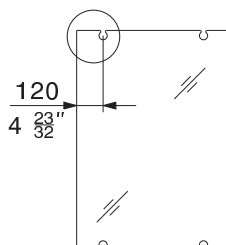
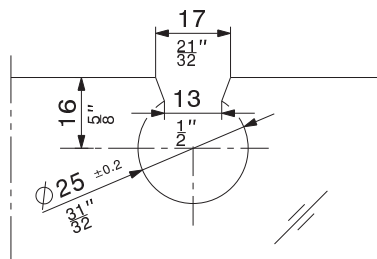
Components

		code	
	Set of glass-fixing parts, for 1 sliding door (4 pieces)	ESG 10 mm ($\frac{13}{32}$ ")	13900
		ESG 12 mm ($\frac{15}{32}$ ")	13901
		ESG 12,7 mm ($\frac{1}{2}$ ")	13902
		VSG 10,8–11,5 mm ($\frac{7}{16}$ "– $\frac{15}{32}$ ")	21263
	HAWA-bar bolt lock with retention pin	profile cylinder 17 mm ($\frac{11}{16}$ ")	16760
		round cylinder 22 mm ($\frac{7}{8}$ ")	16761
	HAWA-bar bolt lock, square/hexagon socket 7/8 mm, complete with pivot	16968	
	Security rose 12 mm ($\frac{15}{32}$ ") for profile cylinder 17 mm ($\frac{11}{16}$ "), chromium-nickel steel	14147	
	Floor-mounted sleeve with oblong hole and chromium-plated brass spring	13787	
	Rosette for floor-mounted sleeve 13787	17326	
	Thrust bearing sleeve, Ø 30 mm ($1 \frac{3}{16}$ "), for pivot door	16326	
	Thrust bearing, adjustable, for fitting into bottom guide channel	16765	
	Strike plate, chromium-plated steel	13130	
	Hinge, zinc alloy, with fixing screws	dull chromium finish	16091
		raw	16088
	Cover caps, zinc alloy, (set of 4 pieces)	dull chromium finish	16692
		raw	16693










Glass cutouts for sliding door

Both toughened safety glass (ESG) and laminated safety glass (VSG) manufactured from ESG can be used.

- Glass thickness sliding door toughened safety glass ESG: 10/12/12,7 mm ($\frac{13}{32}$ "/ $\frac{15}{32}$ "/ $\frac{1}{2}$ "), thickness tolerance $\pm 0,3$ mm
- Glass thickness sliding door laminated safety glass VSG manufactured from ESG:
2x5 $\pm 0,2$ mm \rightarrow film thickness 0,76 / 1,52 mm
- All glass edges are seamed; maximum 1 mm ($\frac{1}{16}$ ") in the glass cutout
- VSG permissible with max. offset of 2 mm ($\frac{3}{32}$ ") in the glass cutout



Accessories

		code	
	Cover cap, (1 piece)	chromium finish	16690
		raw	16691
	Additional top lock	16491	
	Short connecting rod for door height up to 2500 mm ($8'2 \frac{7}{16}$ ")	14164	
	Long connecting rod for door height over 2500 mm ($8'2 \frac{7}{16}$ ")	14165	
	Guide, rattle proof, plastic, 14 mm ($\frac{9}{16}$ "), with suspension block	13781	
	Brush seal 2.6/18 x 920 mm ($\frac{1}{8}$ " / $\frac{23}{32}$ " x $3' \frac{7}{32}$ ") or glass suspension and retainer profile	16797	
	Fork spanner to glass holder insert	13817	
	Installation tool for blocking keys 10–12,7 mm ($\frac{13}{32}$ "– $\frac{1}{2}$ ") glass	13710	
	Drilling jig, for hinge retention bolts	16979	

Additional top lock and services

Details see HAWA-Variofold 80/GV, page 84.

Order specifications

- Quantity and type of sets
- Length of top track
- Length of bottom guide channel
- Width and height of glass
- Thickness of glass
- Quantity and type of cover caps
- Quantity and type of bottom guides
- Layout sketch
-

Optional order specifications

- Quantity of additional top lock
- Quantity and type of connecting rod
- Quantity of drilling jig, for hinge retention bolts
- Quantity and type of tool for glazing
- Quantity of brush profile

Planning/installation

For planning and installation purposes, please use the installation drawing code 16825.

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

<input type="checkbox"/> Offer	<input type="checkbox"/> Order	Delivery address
Customer	Object	Customer
Address	City	Address
Telephone/Telefax	Date	City
Delivery date	Professional worker	Telephone/Telefax

Maximum panel width 900 mm (2'11 11/16"), maximum panel weight 80 kg (176 lbs.)

Please copy this form, fill it out and mail or fax it to Hawa AG (fax no. +41 44 767 91 73)

Sets without top track and bottom guide channel	<input type="checkbox"/> 16786	<input type="checkbox"/> 16787	<input type="checkbox"/> 16788	<input type="checkbox"/> 16789	<input type="checkbox"/> 16790	<input type="checkbox"/> 16791	<input type="checkbox"/> 16792	<input type="checkbox"/> 16793	<input type="checkbox"/> 16794	<input type="checkbox"/> 16795
	1 1/2	1 1/2 + 1	2 1/2	2 1/2 + 1	3 1/2	3 1/2 + 1	4 1/2	4 1/2 + 1	5 1/2	5 1/2 + 1
Maximum widths of folding partitions										
	1400	2300	2300	3200	3200	4100	4100	5000	5000	5900
Necessary components	In principle, Centerfold systems may be installed without the need for a bottom guide channel.									
Glass thickness/glass attachment components <input type="checkbox"/> 10 mm (3/8") 13900 <input type="checkbox"/> 12 mm (1/2") 13901 <input type="checkbox"/> 12,7 mm (1/2") 13902	2	3	3	4	4	5	5	6	6	7
Lock for access panel <input type="checkbox"/> cyl. 17 mm (11/16") 16760 <input type="checkbox"/> cyl. 22 mm (7/8") 16761 <input type="checkbox"/> 4/6-sided nut 16968	1	1	2	1	2	1	2	1	2	1
Security rose <input type="checkbox"/> cyl. 17 mm (11/16") 14147 Security rose for standard profile cylinders 22 mm (7/8")	1	1	2	1	2	1	2	1	2	1
Locking device <input type="checkbox"/> floor-mounted sleeve 13787 <input type="checkbox"/> strike plate 13130	1	2	2	3	3	4	4	5	5	6
Hinge <input type="checkbox"/> chromium 16091 <input type="checkbox"/> raw 16088	2	2	4	4	6	6	8	8	10	10
Thrust bearing <input type="checkbox"/> Thrust bearing 16326 <input type="checkbox"/> Thrust bearing, adjustable 16765	1	2	1	2	1	2	1	2	1	2
Cover caps, set of 4 pieces <input type="checkbox"/> chromium 16692 <input type="checkbox"/> raw 16693	1	2	1	2	1	2	1	2	1	2
Clear dimension mm										

Optional accessories

<input type="checkbox"/> Additional lock at top 16491	1	2	2	3	2	3	3	4	3	4
Connecting rod, for door height <input type="checkbox"/> up to 2500 mm (8'2 7/16") 14164 <input type="checkbox"/> over 2500 mm (8'2 7/16") 14165	1	1	1	1	1	1	1	1	1	1
<input type="checkbox"/> Brusch seal 2,6/18 x 920 mm (5/8"/23/32" x 3' 7/32") 16797	3	5	5	7	7	9	9	11	11	13
Tools for glazing <input type="checkbox"/> Forkspanner 13817 <input type="checkbox"/> Installation tool 13710	1	1	1	1	1	1	1	1	1	1
<input type="checkbox"/> Drilling jig, for hinge retention bolts 16979	1	1	1	1	1	1	1	1	1	1
Surface treatment of suspension and glass retainer profiles (16741, basic treatment fee to surface treatment, lump sum per colour)	<input type="checkbox"/> 14163 Powder-coatet to RAL code						<input type="checkbox"/> 14630 Chrome effect, polished finish			
	<input type="checkbox"/> 14626 Plain, anodized, polished, brushed									

Please note: orders can only be processed if this form has been filled out correctly

Date Signatue