

Hardware systems for all-glass sliding doors weighing up to 80, 120 and 160 kg (176, 264 and 352 lbs.).

Description

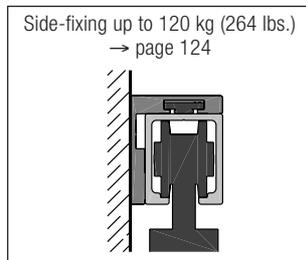
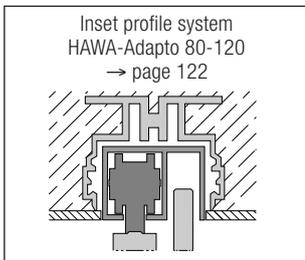
The HAWA-Junior 80-120-160/G is a truly robust sliding-door hardware system for all-glass sliding doors with top-fixed suspension. Its top-fixed suspension and glass retainer can also be used for fixed glass panels and doors, and thus provide ideal prerequisites for a uniform complete solution.

Applications

This hardware system is suitable for use wherever there is a need for combining top quality with smooth and quiet operation, e.g. in residential and public buildings, industrial premises or the administrative sector.

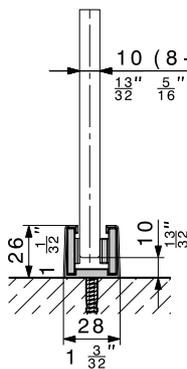
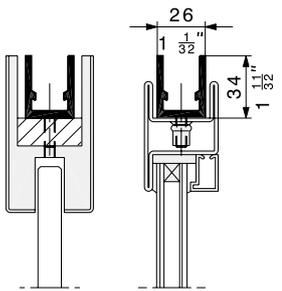
Features of the HAWA-Junior 80-120-160/G

- Two-wheeled trolley, with plastic wheels
- Track stop with adjustable retainer
- Glass thickness sliding door ESG (fully tempered monolithic glass): 8–16 mm ($\frac{5}{16}$ "– $\frac{5}{8}$ ")
- Glass thickness fixed glass ESG (fully tempered monolithic glass)/VSG (fully tempered laminated glass): 8–12 mm ($\frac{5}{16}$ "– $\frac{15}{32}$ ") with silicone up to 13 mm ($\frac{17}{32}$ ")
- Smooth and quiet operation
- Vertical adjustment
- Special floor guide, screw mounting, rattle proof, for glass sliding doors
- Further profiles allow fixed glass to be fitted without the hardware being visible
- Soft closing mechanism SoftMove 80 for HAWA-Junior 80
- combinable with SoftMove 80-120 soft closing mechanism for HAWA-Junior 80-120

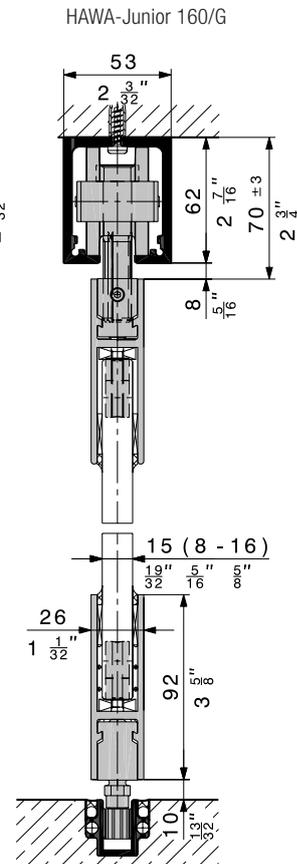
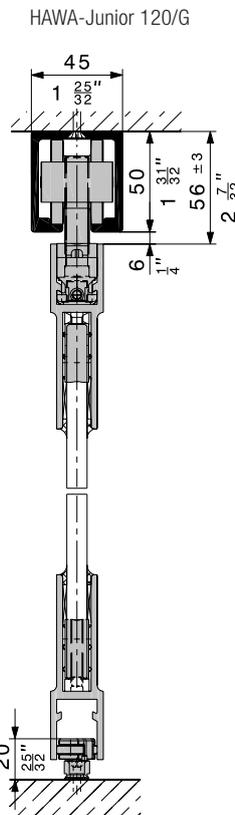
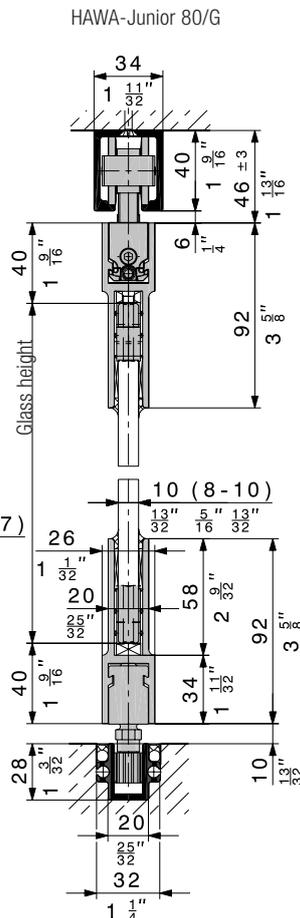


Hawa-advantage

Hawa offers a suspension profile (12915) which permits the use of either a standard or a customised top-fixed glass suspension/retainer profile.



Floor-guide type



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

HAWA-Junior 80/G, partial set, without running track

	code
HAWA-Junior 80/G, partial set for single door ESG ¹	11689
For two-panel sliding doors please order two sets for single doors.	

Partial set comprising

	pieces	code
 Two-wheeled trolley, M10, with plastic wheels	2	10407
 Suspension plate with hanger bolt M10	2	10476
 Track stop, adjustable retaining force	2	24497
 Cover cap for suspension profile, plastic anthracite-grey RAL 7016	2	20907
 Screw-on rubber door stop	1	10629
 Suspension assembly locking wrench	1	10778

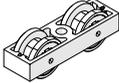
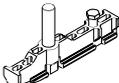
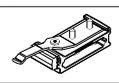
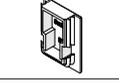
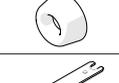
HAWA-Junior 80, 10-pieces sets

	code
 Two-wheeled trolley, M10, with plastic wheels, 10-pieces set	25952
 Track stop, adjustable retaining force, 10-pieces set	25962

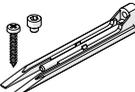
HAWA-Junior 120/G, partial set, without running track

	code
HAWA-Junior 120/G, partial set for single door ESG ¹	25910
For two-panel sliding doors please order two sets for single doors.	

Partial set comprising

	pieces	code
 Two-wheeled trolley, M12, with plastic wheels	2	25900
 Suspension plate with hanger bolt M12	2	15294
 Track stop, adjustable retaining force	2	14858
 Cover cap for suspension profile, plastic anthracite-grey RAL 7016	2	20907
 Screw-on rubber door stop	1	10629
 Suspension assembly locking wrench	1	14861

HAWA-Assembly wedge for HAWA-Junior 80/G and 120/G

	code
 HAWA-Assembly wedge for sliding doors running in the ceiling, set for 1 sliding door (details: → page 126)	15770

HAWA-Junior 160/G, partial set, without running track

	code
HAWA-Junior 160/G, partial set for single door ESG ¹	12219
For two-panel sliding doors please order two sets for single doors.	

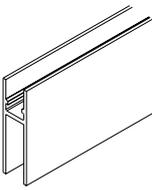
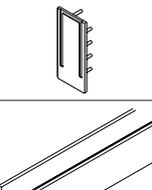
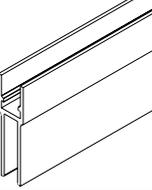
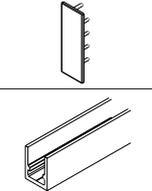
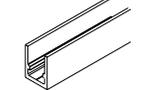
Partial set comprising

	pieces	code
 Two-wheeled trolley, M14, with plastic wheels and hanger bolt M14	2	10424
 Suspension plate, M14, with fixing screws	2	10471
 Track stop, adjustable retaining force	2	10639
 Cover cap for suspension profile, plastic anthracite-grey RAL 7016	2	20907
 Screw-on rubber door stop	1	13114

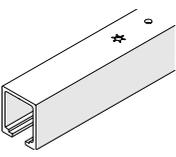
Interlocking glass retainer

	code
 Glass holder insert, plastic, with screw M6 x 30 mm	10792
2 pieces per glass suspension/retainer profile	

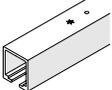
Glass suspension/retainer profile

	mm/inch	code
	6500 (21'3 ^{29/32} ")	21783
	cut to size	21784
	6500 (21'3 ^{29/32} ")	13158
	cut to size	13159
		21085
	6500 (21'3 ^{29/32} ")	21781
	cut to size	21782
	6500 (21'3 ^{29/32} ")	10348
	cut to size	10349
		21512
	6500 (21'3 ^{29/32} ")	10345
	cut to size	12915

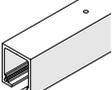
Running tracks to HAWA-Junior 80/G

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 $\frac{3}{8}$ "	10192
		2200 (7'2 $\frac{5}{8}$ "	10193
		2500 (8'2 $\frac{7}{8}$ "	10194
		3000 (9'10 $\frac{1}{8}$ "	18532
		4000 (13'1 $\frac{1}{2}$ "	18533
		6000 (19'8 $\frac{7}{8}$ "	10186
		cut to size	10188
		2500 (8'2 $\frac{7}{8}$ "	22048
		4000 (13'1 $\frac{1}{2}$ "	20005
		6000 (19'8 $\frac{7}{8}$ "	20004
		cut to size	20006

Running tracks to HAWA-Junior 120/G

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

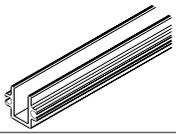
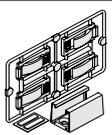
Running tracks to HAWA-Junior 160/G

Caution: Hole positions vary		mm/inch	code
	Running track, alu plain anodized, predrilled	3000 (9'10 $\frac{1}{8}$ "	24608
		4000 (13'1 $\frac{1}{2}$ "	24607
		5000 (16'4 $\frac{3}{8}$ "	24606
		6000 (19'8 $\frac{7}{8}$ "	24605
		cut to size	24609
	Connecting pins for profiles, set of 2 pieces		21347

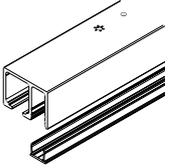
Cover cap for running track

			code
	HAWA-Junior 80 Cover cap for running track, metal, suitable to both sides, 1 piece	dull chromium finish	24956
		stainless steel effect	24957
	HAWA-Junior 120 Cover cap for running track, metal, suitable to both sides, 1 piece	dull chromium finish	25332

Bottom guide channels/bottom door stop

Caution: Hole positions vary			code
	Bottom guide channel, alu plain anodized, predrilled, 31 x 28 mm (1 $\frac{1}{8}$ " x 1 $\frac{1}{8}$ "	6000 mm (19'8 $\frac{7}{8}$ "	13688
		cut to size	13690
	Connecting bolt, Ø 6 x 40 mm (¼" x 1 $\frac{13}{16}$ "		13759
	Guide with plastic slider, rattle proof, 14 mm (⅝") and suspension block		13781
	Rattle-proof floor mounted guide, with wheels (surface mounted lock not possible)		24905
	Rattle-proof floor guide inc. self-adhesive sliders for satinised glass, glass thickness 8-12,7 mm (⅝" - ½")	dull chromium finish	16029
		stainless steel effect	21267
	Distance plate to bottom guide		16657
	Bottom door stop with centering assembly	dull chromium finish	20773
		stainless steel effect	21473

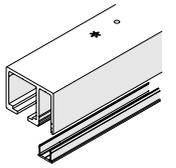
Running track sets to HAWA-Junior 80 with fixed glass

Caution: - Hole positions vary - Minor differences in colour are possible		mm/inch	code	
	Running track set to HAWA-Junior 80 with fixed glass, alu, predrilled	plain anodized	2500 (8'2 $\frac{7}{8}$ "	20226
			4000 (13'1 $\frac{1}{2}$ "	20227
			6000 (19'8 $\frac{7}{8}$ "	20228
		stainless steel effect, brushed	2500 (8'2 $\frac{7}{8}$ "	21270
			4000 (13'1 $\frac{1}{2}$ "	21271
			6000 (19'8 $\frac{7}{8}$ "	21272

Running track sets comprising

		mm/inch	20226	20227	20228	21270	21271	21272	code
Running track with fixed glass, alu, predrilled	plain anodized	2500 (8'2 $\frac{7}{8}$ "	1						20104
		4000 (13'1 $\frac{1}{2}$ "		1					20105
		6000 (19'8 $\frac{7}{8}$ "			1				20106
	stainless steel effect, brushed	2500 (8'2 $\frac{7}{8}$ "				1			21276
		4000 (13'1 $\frac{1}{2}$ "					1		21277
		6000 (19'8 $\frac{7}{8}$ "						1	21278
Cover profile to running track with fixed glass, alu	plain anodized	1250 (4'1 $\frac{7}{8}$ "	1						19552
		2000 (6'6 $\frac{3}{4}$ "		1					19553
		3000 (9'10 $\frac{1}{8}$ "			1				19562
	stainless steel effect, brushed	1250 (4'1 $\frac{7}{8}$ "				1			21280
		2000 (6'6 $\frac{3}{4}$ "					1		21281
		3000 (9'10 $\frac{1}{8}$ "						1	21282

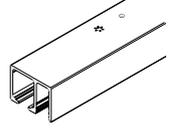
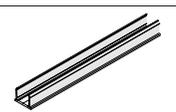
Running track sets to HAWA-Junior 120 with fixed glass

Caution: - Hole positions vary - Minor differences in colour are possible		mm/inch	code	
	Running track set to HAWA-Junior 120, alu, predrilled	plain anodized	3000 (9'10 $\frac{1}{8}$ "	20229
			4000 (13'1 $\frac{1}{2}$ "	20230
			6000 (19'8 $\frac{7}{8}$ "	20231

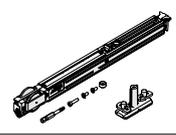
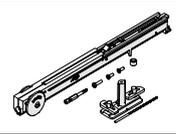
Running track sets comprising

		mm/inch	20229	20230	20231	code
Running track with fixed glass, alu, predrilled	plain anodized	3000 (9'10 $\frac{1}{8}$ "	1			20235
		4000 (13'1 $\frac{1}{2}$ "		1		20054
		6000 (19'8 $\frac{7}{8}$ "			1	20055
Cover profile to running track with fixed glass, alu	plain anodized	2000 (6'6 $\frac{3}{4}$ "	1	1		19553
		3000 (9'10 $\frac{1}{8}$ "			1	19562

Running tracks with fixed glass, cut to size

Caution: Hole positions vary			code
	Running track, alu, cut to size, plain anodized, predrilled	HAWA-Junior 80	20107
		HAWA-Junior 120	20056
	Running track, alu, cut to size, stainless steel effect, predrilled	HAWA-Junior 80	21279
	Cover profile to running track, alu, cut to size, plain anodized		19548
		Cover profile to running track, alu, cut to size, stainless steel effect	21284

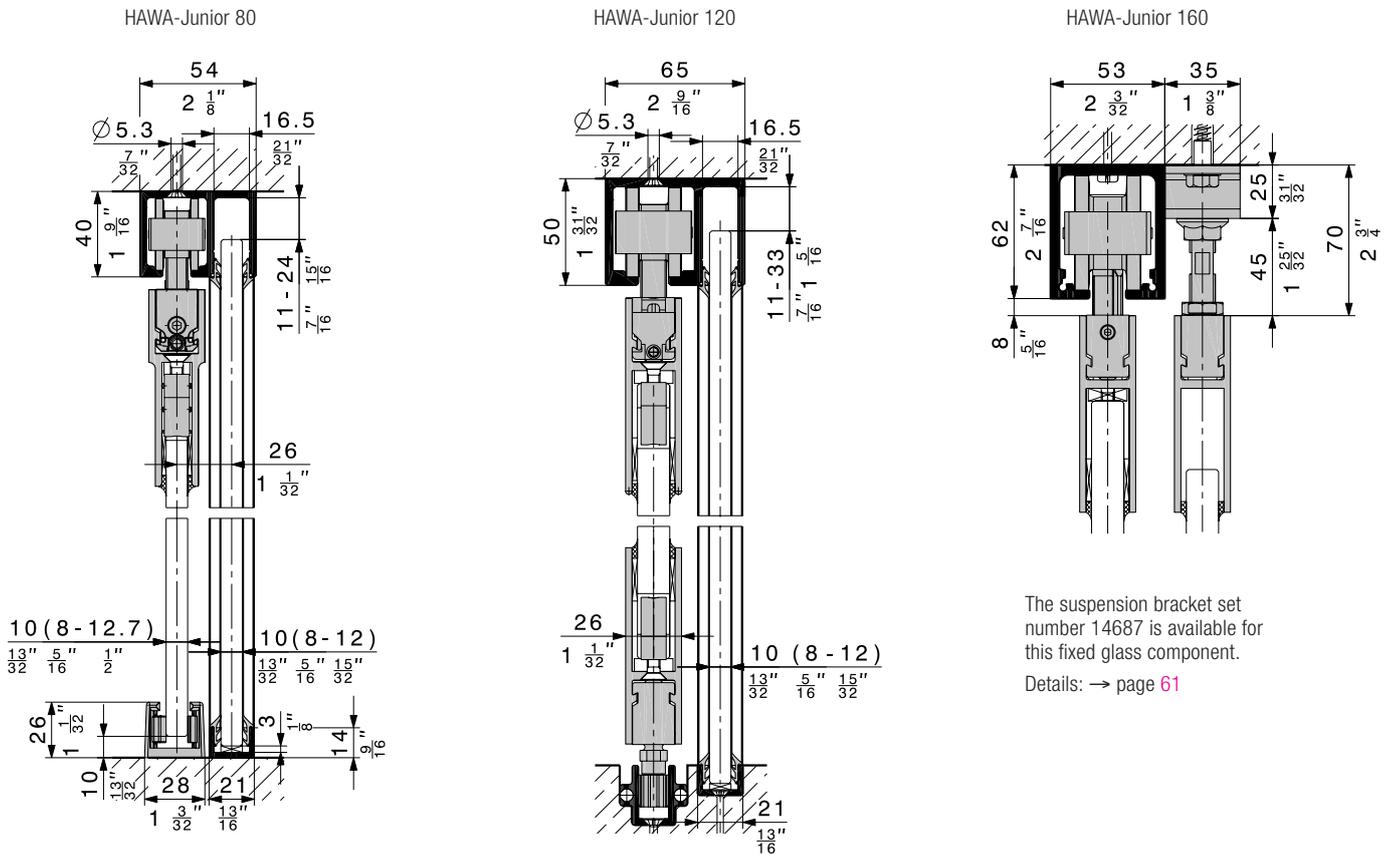
SoftMove 80-120 soft closing mechanism for HAWA-Junior 80-120

		code
	SoftMove 80 soft closing mechanism for HAWA-Junior 80 (details: → page 120)	22444
	SoftMove 120 soft closing mechanism for HAWA-Junior 120 (details: → page 120)	25988

Running track sets with retainers for fixed glass

Our running track sets with integrated retainers for fixed glass add an extremely versatile and user-friendly partitioning system to the HAWA-Junior family.

The glass element is simply positioned in the track's fixed glass retainer. Glass cut-outs and visible hardware are now no longer necessary. A retainer profile for wall and floor fitting provides sufficient stability, whether flush or mounted. A Hawa rubber profile or a silicone groove hold the glass in position and prevent humidity seeping between glass and track. The running track set also has a cover profile made of aluminium which simply clips into and closes the fixed glass retainer in the walk-through area – a solution which is both easy to use and pleasing to the eye.

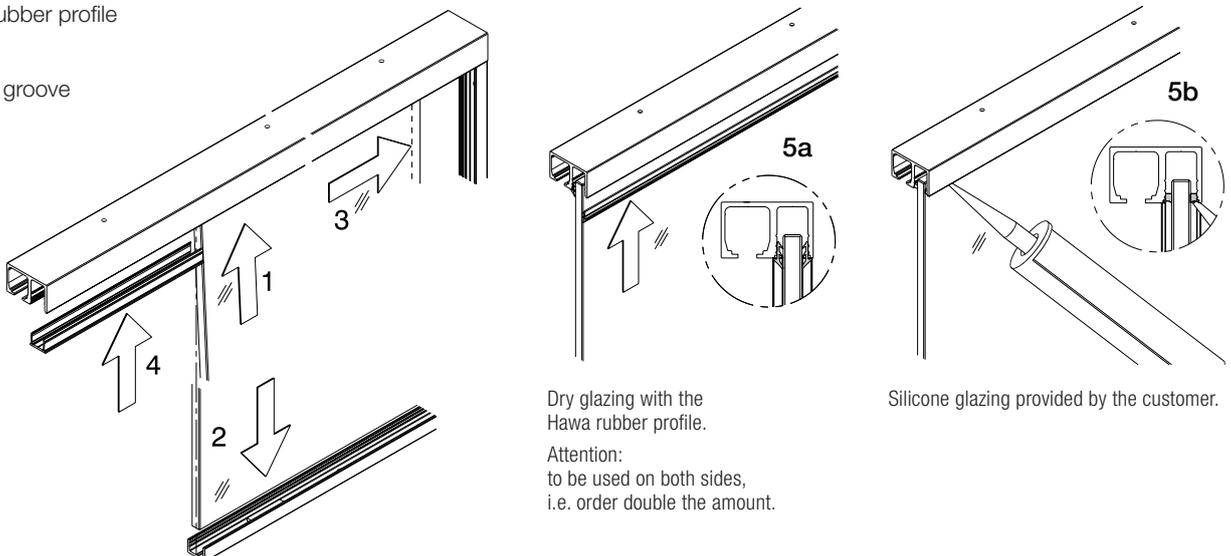


The suspension bracket set number 14687 is available for this fixed glass component.

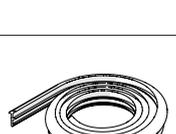
Details: → page 61

Easy fitting of fixed glass

1. Slide glass element into fixed glass retainer at the top
2. Position the glass on the spacing block in the floor profile and/or
3. slide sideways into the wall profile
4. Clip cover profile into the walk-through area profile and seal
- 5a. with a Hawa rubber profile
- or
- 5b. with a silicone groove

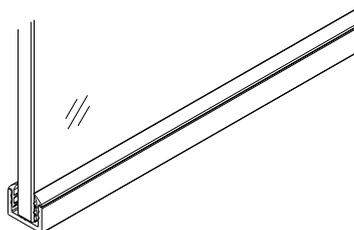


Bottom, wall and rubber profile to fixed glass

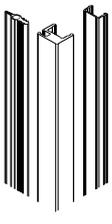
Caution: - Hole positions vary - Minor differences in colour are possible		mm/inch	code
	Bottom/wall profile to fixed glass, alu, plain anodized, predrilled	4000 (13'1 1/2")	19549
		6000 (19'8 7/32")	19561
		cut to size	20067
		4000 (13'1 1/2")	21285
	Bottom/wall profile to fixed glass, alu, stainless steel effect, brushed, predrilled	6000 (19'8 7/32")	21286
		cut to size	21287
		4000 (13'1 1/2")	25787
		roll of 10 m (32'9 23/32")	25789
	Rubber profile, black to fixed glass 8-9.9 mm (5/16" - 3/8")		25787
	Rubber profile, black to fixed glass 10-12 mm (13/32" - 15/32")		25789
	Rubber profile, black to fixed glass 12.1-13.1 mm (15/32" - 17/32")		25763

Bottom/wall profile to fixed glass

The retention profile provides stability for the fixed glass element, whether mounted on or sunk into the floor.

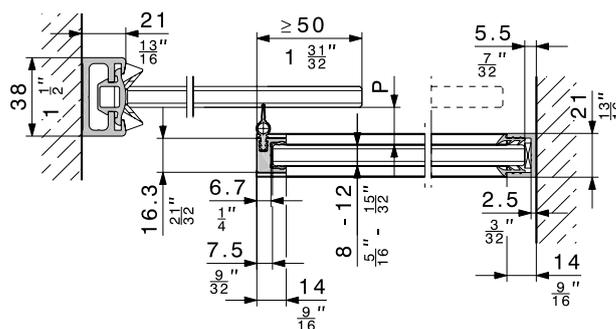


Vertical sealing profile

Caution: Minor differences in colour are possible		mm	code	
	Vertical seal 13/18, alu, for all-glass sliding doors with fixed glass, set for glass distance 13-18,5 mm (1/2" - 3/4")	plain anodized	2500	20283
			3500	20284
		stainless steel effect, brushed	2500	21290
			3500	21291
	Vertical seal 20/22, alu, for all-glass sliding doors with fixed glass, set for glass distance 20-22 mm (25/32" - 7/8")	plain anodized	2500	20650
			3500	20651

Vertical sealing profile

The vertical sealing profile is effective against draughts. The slim aluminium profile affixes frontally to glass elements 8-12 mm (5/16" - 15/32") thick using silicone adhesive. The two-part rubber seal is recessed into the profile and offers three advantages: it slides almost noiselessly, creates minimal resistance to motion and, compared to conventional brush seals, retains its impeccable looks throughout years of service.



Glass distance «P» for vertical sealing profile

	glass thickness sliding door	Vertical seal	glass distance «P»
HAWA-Junior 80/G	8-13 mm	13/18	15-17 mm (19/32" - 11/16")
HAWA-Junior 120/G	(5/16" - 17/32")	20/22	20-22 mm (25/32" - 7/8")

Fitting sets to HAWA-Adapto 80-120

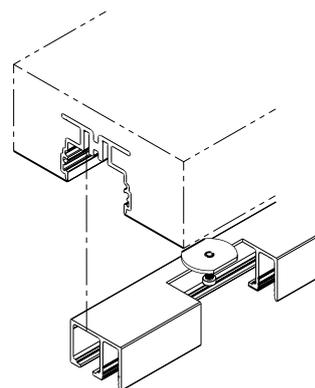
	mm/inch	code
Fitting sets to HAWA-Adapto 80, with countersunk screws	to 2500 (8'2 7/16")	22841
	2501 to 4000 (8'2 15/32" to 13'1 1/2")	22842
	4001 to 6000 (13'1 17/32" to 19'8 7/32")	22843
Fitting sets to HAWA-Adapto 120, with pan head screws	to 2500 (8'2 7/16")	20232
	2501 to 4000 (8'2 15/32" to 13'1 1/2")	20233
	4001 to 6000 (13'1 17/32" to 19'8 7/32")	20234

Fitting set to HAWA-Adapto 80-120

The HAWA-Junior running tracks both with and without a bottom profile for fixed glass can be screwed into the embedded HAWA-Adapto profile using 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 details on the HAWA-Adapto 80-120: → supplementary parts on page 122

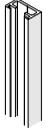
Set comprising

	mm/inch	22841	22842	22843	20232	20233	20234	code
	1 (1/16")	2	2	3	2	2	3	19398
	2 (3/32")	2	2	3	2	2	3	19399
	3 (1/8")	2	2	3	2	2	3	19400
	5 (7/32")	4	4	6	4	4	6	19401
	Special countersunk screws, 6 x 21 mm (1/4" x 27/32"), set of 10 pieces	1	2	3	-	-	-	22844
	Special pan head screws, 6 x 22 mm (1/4" x 7/8"), set of 10 pieces	-	-	1	2	3		20215



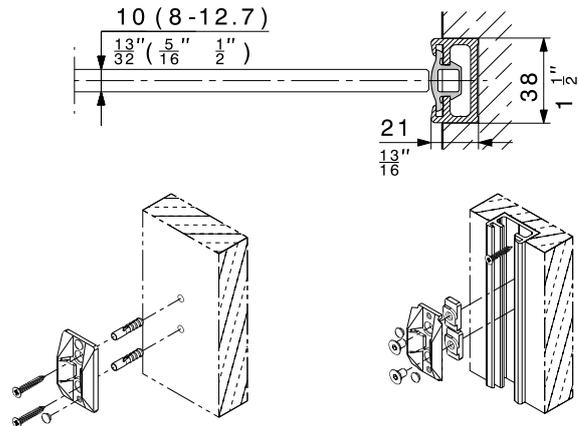
Subject to modification. Metric specifications are exact. Inches are approximate.

Wall connection profile

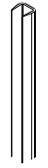
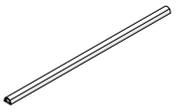
Caution: Minor differences in colour are possible		mm/inch	code
	Wall profile, alu, undrilled	plain anodized	2500 (8'2 ⁷ / ₁₆ ") 17020
		stainless-steel effect, brushed	3500 (11'5 ¹³ / ₁₆ ") 17021
	Seal profile, black, for wall profile	roll of 2500 (8'2 ⁷ / ₁₆ ")	20119
		roll of 3500 (11'5 ¹³ / ₁₆ ")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

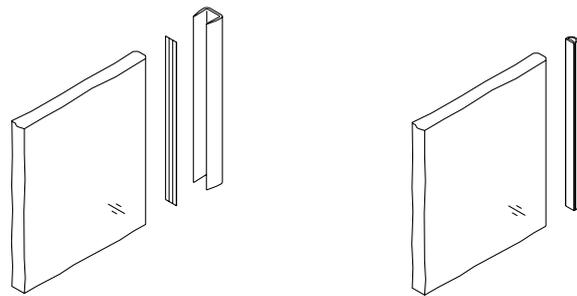


Protective transparent edge trims

	Glass	mm/inch	code
	10 mm (³ / ₈ ")	3000 (9'10 ⁵ / ₈ ")	13822
		6000 (19'8 ⁷ / ₃₂ ")	13600
	12 mm (¹ / ₂ ")	3000 (9'10 ¹ / ₈ ")	13908
		6000 (19'8 ⁷ / ₃₂ ")	13907
	12,7 mm (¹ / ₂ ")	3000 (9'10 ¹ / ₈ ")	13912
		6000 (19'8 ⁷ / ₃₂ ")	13911
	Double-sided adhesive tape for protective edge trim	roll of 50 m (164' ¹ / ₂ ")	13988
	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 ²⁹ / 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 ²⁹ / ₃₂ ")	19446
		50 m (164' ¹ / ₂ ")	19447

Glass edge protection

A transparent glass edge protection profile and the self-adhesive rubber profile are recommended to protect vertical glass edges. The latter not only protects the glass edge, but also reduces draughts to a minimum.



The glass edge protection profile is made of transparent plastic and is fitted to the glass edge with double-sided adhesive tape.

The self-adhesive rubber profile in black or translucent reduces draughts to a minimum and protects the glass edge.

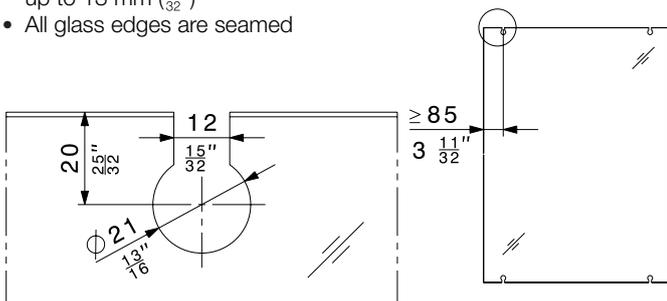
Glass cutouts - sliding doors

The glass ESG (fully tempered monolithic glass) must be provided with cutouts for installation of the glass holder inserts and the safety locks.

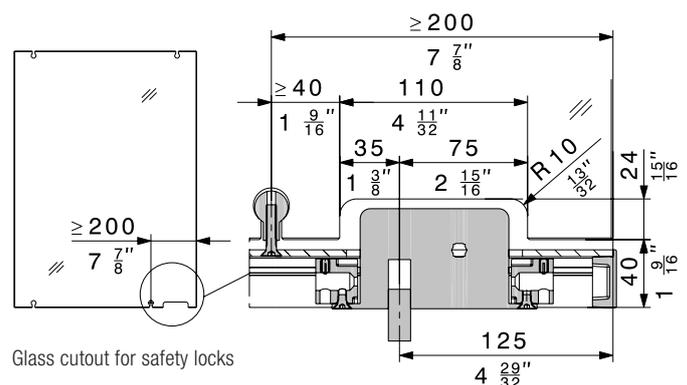
- Glass thickness sliding door: ESG (fully tempered monolithic glass) 8-16 mm (⁵/₁₆" - ⁵/₈"), thickness tolerance $\pm 0,3$ mm
- All glass edges are seamed; maximum 1 mm (¹/₁₆") in the glass cutout

Fixed glass without glass cutouts

- Glass thickness fixed glass ESG (fully tempered monolithic glass)/ VSG (fully tempered laminated glass) 8-12mm (⁵/₁₆" - ¹⁵/₃₂") with silicone up to 13 mm (¹⁷/₃₂")
- All glass edges are seamed



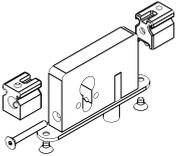
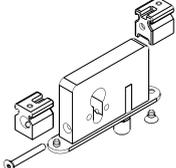
Glass cutout for glass holder



Glass cutout for safety locks

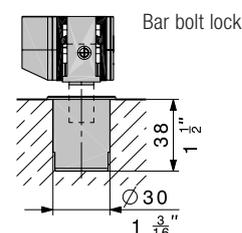
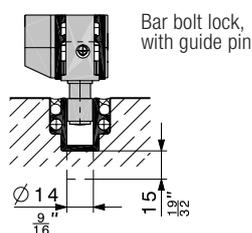
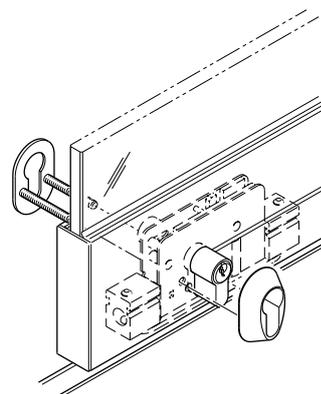
Subject to modification. Metric specifications are exact. Inches are approximate.

Integrated locks

			code
	Bar bolt lock, with retention pin	profile cylinder 17 mm ($\frac{11}{16}$ ")	16760
		round cylinder 22 mm ($\frac{7}{8}$ ")	16761
		square/hexagon socket	16762
	Bar bolt lock, with guide pin and fixing parts	profile cylinder 17 mm ($\frac{11}{16}$ ")	18484
		round cylinder 22 mm ($\frac{7}{8}$ ")	18485
		square/hexagon socket	18486
	Security rose 16 mm ($\frac{5}{8}$ "), for double cylinder 17/61 mm ($\frac{11}{16}$ " / $2\frac{3}{32}$ "), chrome nickel steel		18502
	Spacer for security rose	profile cylinder 17 mm ($\frac{11}{16}$ ")	18493
		round cylinder 22 mm ($\frac{7}{8}$ ")	18494
	Floor-mounted sleeve with oblong hole and chromium-plated brass spring		13787
	Rosette for floor-mounted sleeve 13787		17326
	Strike plate, chromium-plated steel		13130

Safety first

An integrated bar bolt lock compatible with the 17 mm ($\frac{11}{16}$ ") profile cylinder, 22 mm ($\frac{7}{8}$ ") round cylinder and square/hexagon socket is available for securing all-glass sliding doors.



Locking doors at handle height

The HAWA-Toplock for all-glass sliding doors is ideal for locking doors at handle height.

Details: → HAWA-Toplock.

Accessories

Accessories: → page 120–129

Order specifications

- Type and quantity of partial sets
- Type and length of running tracks
- Type and length of glass suspension/retainer profile
- Quantity of glass holder insert
- Type and quantity of bottom guides

Optional order specifications

- Type and quantity of cover caps for suspension and retainer profile
- Type and quantity of bar bolt lock
- Accessories for bar bolt lock
- Type and quantity of wall connection profile
- Type and quantity of protective transparent edge profile

Optional order specification fixed glass

- Type and quantity of running tracks with fixed glass
- Type and quantity of bottom/wall profile
- Type and quantity of rubber profile to fixed glass
- Type and quantity of vertical sealing profiles
- Type and quantity of fitting sets

Planning/installation

For planning and installation purposes, please use the installation drawing code 18183. (→ www.hawa.ch → HAWA-Productfinder)

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

Services

Service items such as cutouts for safety locks and cylinders as well as surface treatments are charged separately. Price on request.

Cutouts

	code
Cutout, bar bolt lock for 17 mm ($\frac{11}{16}$ "), for double cylinder	18489
Cutout left, bar bolt lock for 17 mm ($\frac{11}{16}$ "), for single cylinder	21331
Cutout right, bar bolt lock for 17 mm ($\frac{11}{16}$ "), for single cylinder	21332
Cutout, bar bolt lock for 22 mm ($\frac{7}{8}$ "), for double cylinder	18490
Cutout left, bar bolt lock for 22 mm ($\frac{7}{8}$ "), for single cylinder	21333
Cutout right, bar bolt lock for 22 mm ($\frac{7}{8}$ "), for single cylinder	21334
Cutout, bar bolt lock, left, square/hexagon socket	18492
Cutout, bar bolt lock, right, square/hexagon socket	18491

Surface treatments

	code
Basic treatment fee to surface treatment, lump sum per colour	16741
Powder-coated to RAL code	14163
Plain anodized, polished, brushed	14626
Stainless-steel effect, hard anodized, brushed, polished, mat finish	14378
Chrome effect, polished finish	14630
Nickel-plated, mirror finish	14631

