

Hardware system with patch suspension for elegant all-glass sliding doors (ESG/VSG) weighing up to 40, 80, 120 and 160 kg (88, 176, 264 and 352 lbs.).

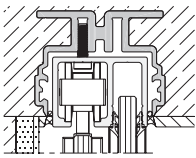
Description

The HAWA-Junior 40-80-120-160/GP is an attractive addition to the highly successful HAWA-Junior family. With its clever glass attachment and guide mechanism, this sophisticated hardware system opens up new dimensions in the field of transparent room design for architects and planners. It is remarkably simple to install: the suspension is fitted from the interior, thus providing protection against break-ins, and the countersunk suspension bolt permits an especially low installation height. It is also extremely simple to adjust the position of the glass sliding door as the vertical adjustment can be carried out from the interior.

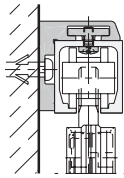
Features of the HAWA-Junior 40-80-120-160/GP

- Trolley hanger, sleeve bearing mounted, high-grade polyamide tandem rollers
- Smooth and quiet operation
- Track stop with adjustable retainer
- Vertical adjustment without removing the glass door
- Low installation height
- Cover in rounded or square and in different colours
- Special floor guide, screw mounting, rattle proof, for glass sliding doors
- Simple installation
- Further profiles allow stationary glass to be fitted without the hardware being visible
- ESG: Toughened safety glass 8/10/12/12.7 mm ($\frac{5}{16}$ "/ $\frac{13}{32}$ "/ $\frac{15}{32}$ "/ $\frac{1}{2}$ "")
VSG: Laminated safety glass 8.7 - 12.7 mm ($\frac{11}{32}$ " - $\frac{1}{2}$ "")

Inset profile system
HAWA-Adapto 80-120
see page 115



Side-fixing up to 120 kg (264 lbs.)
see page 115

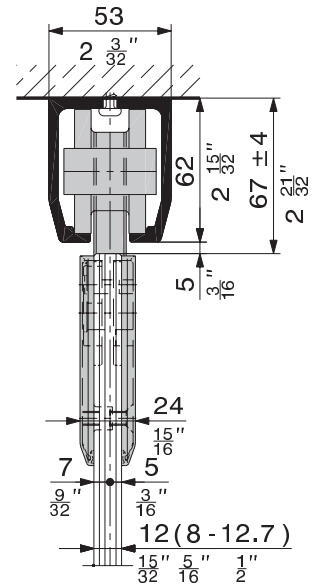
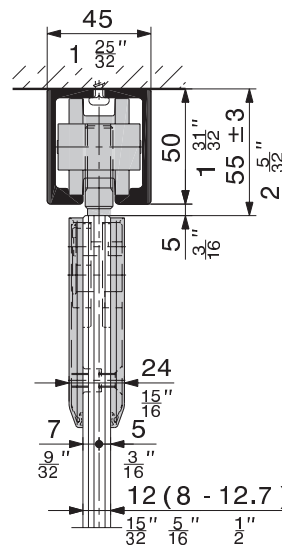
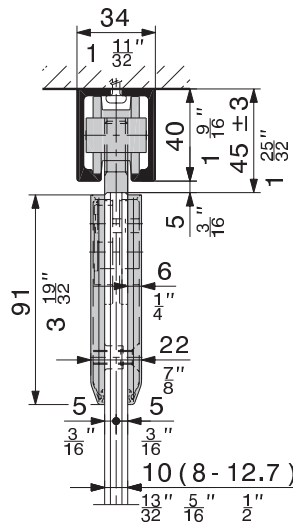
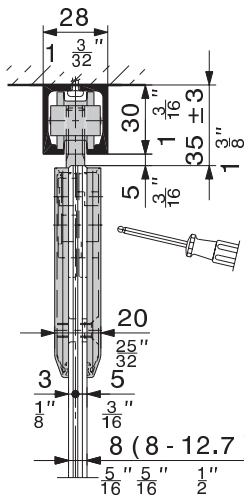


HAWA-Junior 40/GP

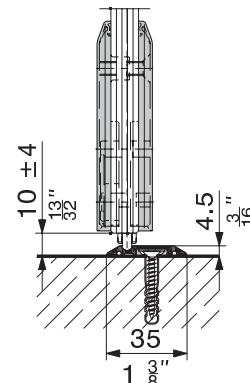
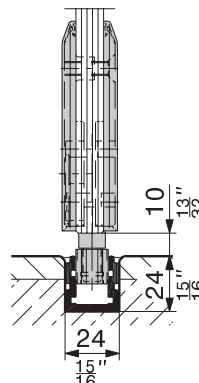
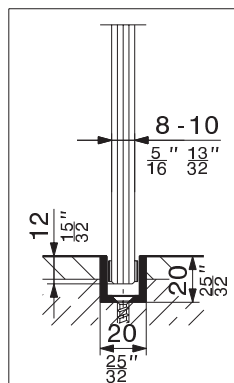
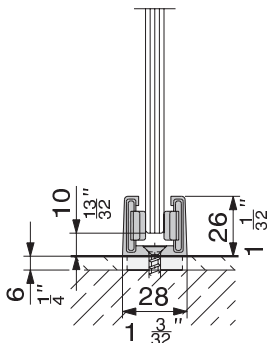
HAWA-Junior 80/GP

HAWA-Junior 120/GP

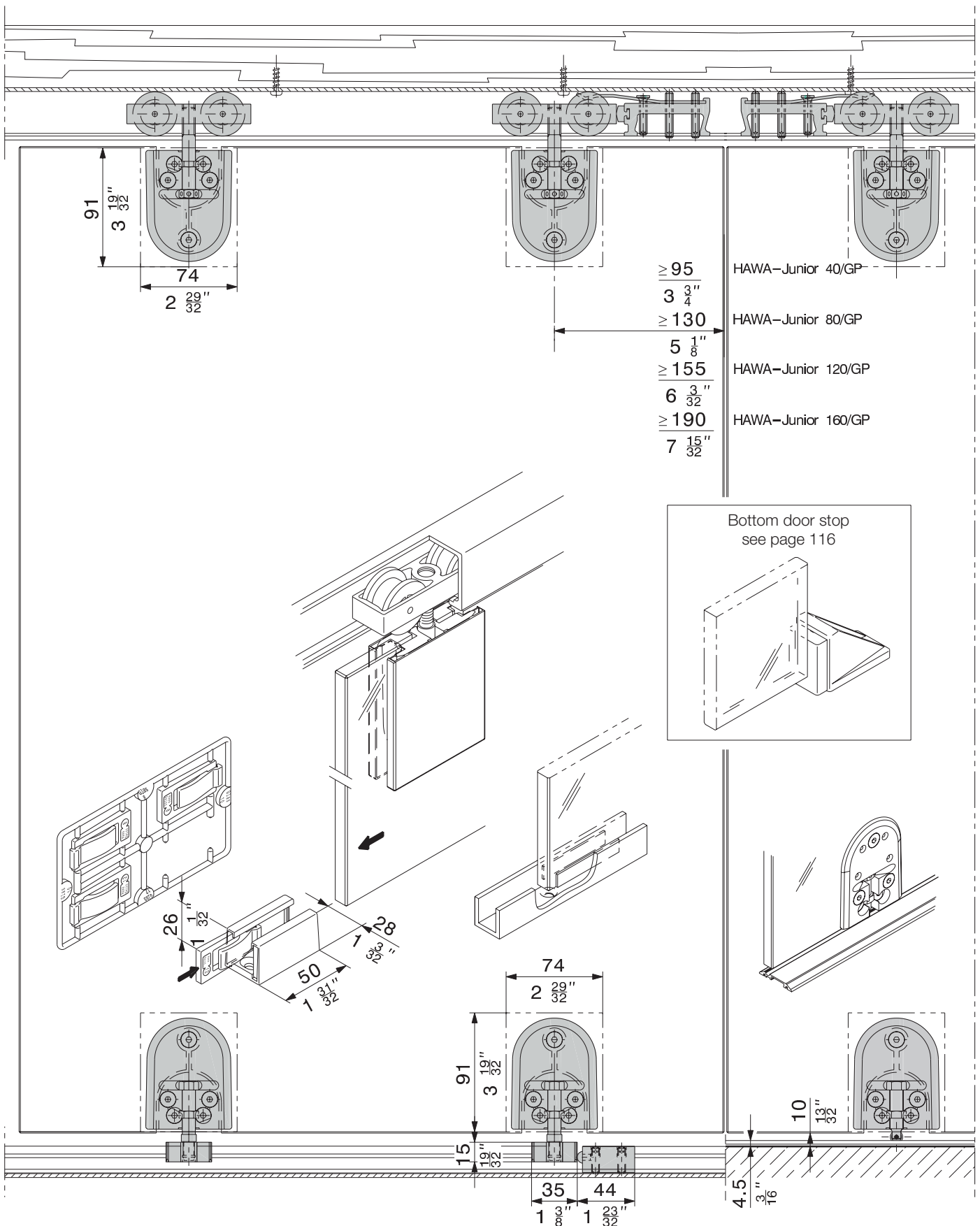
HAWA-Junior 160/GP



Floor-guide type



Examples of application

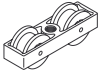








Subject to modification. Metric specifications are exact. Inches are approximate.

HAWA-Junior 40/GP, partial set, without top track

	code
HAWA-Junior 40/GP, partial set for single door (ESG/VSG)	20490
For two-panel sliding doors please order two sets for single doors.	

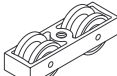
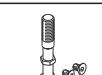
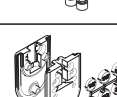




Partial set comprising

	pieces	code
	2	10420
	2	16017
	2	20505
	2	10640
	1	20400
	1	10629
	1	16329

HAWA-Junior 120/GP, partial set, without top track

	code
HAWA-Junior 120/GP, partial set for single door (ESG/VSG)	20492
For two-panel sliding doors please order two sets for single doors.	



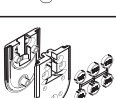




Partial set comprising

	pieces	code
	2	14857
	2	16019
	2	20505
	2	14858
	1	20400
	1	10629
	1	16329

HAWA-Junior 80/GP, partial set, without top track

	code
HAWA-Junior 80/GP, partial set for single door (ESG/VSG)	20491
For two-panel sliding doors please order two sets for single doors.	



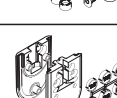



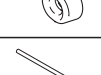
Partial set comprising

	pieces	code
	2	10407
	2	16018
	2	20505
	2	10628
	1	20400
	1	10629
	1	16329

HAWA-Junior 160/GP, partial set, without top track

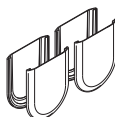



	code
HAWA-Junior 160/GP, partial set for single door (ESG/VSG)	20493
For two-panel sliding doors please order two sets for single doors.	

Partial set comprising

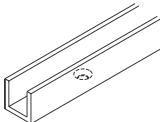
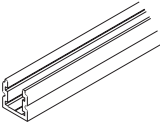



	pieces	code
	2	10416
	2	19605
	2	20505
	2	10639
	1	20400
	1	10629
	1	16329

Cover plates

		code
	Floor guide, screw mounting, rattle proof, plastic, complete, for 8 - 12.7 mm ($\frac{5}{16}$ \"/>	16029
	Distance plate to bottom guide	16657
	Self-adhesive sliders 8 mm ($\frac{5}{16}$ \"/>	16192
	Self-adhesive sliders 10 mm ($\frac{25}{64}$ \"/>	16193
	Patch suspension with glass holder insert, (ESG/VSG), set of 1 piece, suitable for guide slider, without mounting screws	20505
	Sprung bottom guide for point fixing, incl. mounting screws	19118
	Guide slider, rattle proof, plastic, with mounting screws, suitable for patch suspension	16020

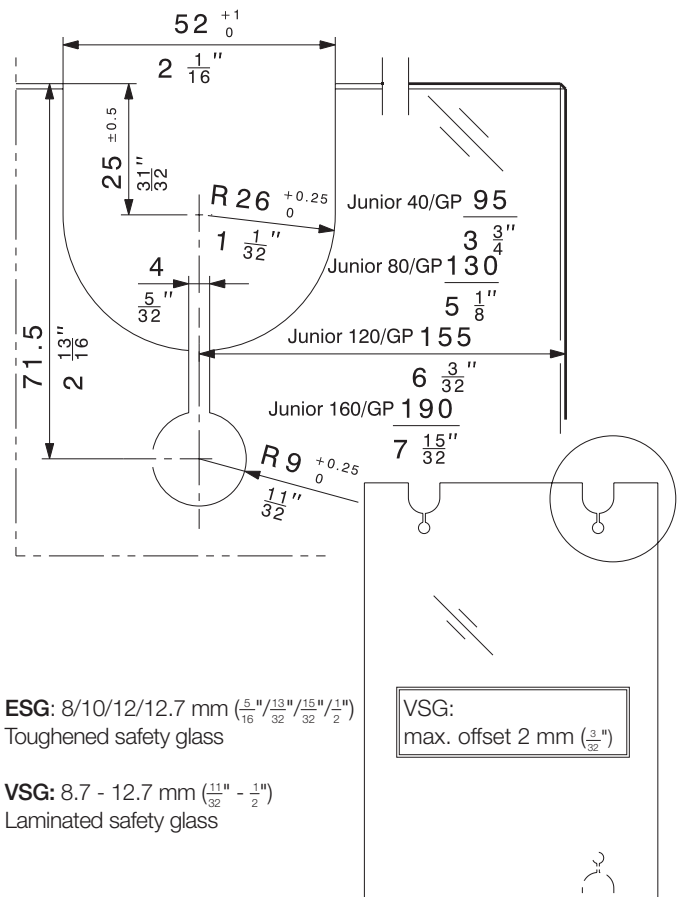
			code
	Rounded cover plate, plastic, dull chromium finish	1 piece	16049
		4-pieces set	16042
	Rounded cover plate, plastic, polished chromium finish	1 piece	17161
		4-pieces set	17160
	Rounded cover plate, plastic, brass polished	1 piece	16050
		4-pieces set	16043
Rounded cover plate, plastic, stainless-steel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

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, alu plain anodized, undrilled	6000 (19'8 $\frac{7}{32}$ ")	15405
		cut to size	15554
	Stop bumper		15636
	Single bottom guide channel, alu plain anodized	2500 (8'2 $\frac{7}{16}$ ")	19348
		3500 (11'5 $\frac{13}{16}$ ")	19349
		6000 (19'8 $\frac{7}{32}$ ")	18956
		cut to size	19350
	Set of fixing parts for single bottom guide channel 18956, 5 pieces (2 pieces per metre)		19162

Glass cutouts for sliding door

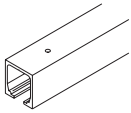
Both toughened safety glass (ESG) and laminated safety glass (VSG) manufactured from ESG can be used.
VSG permissible with max. offset of 2 mm ($\frac{3}{32}$ ").



ESG: 8/10/12/12.7 mm ($\frac{5}{16}$ "/ $\frac{13}{32}$ "/ $\frac{15}{32}$ "/ $\frac{1}{2}$ ")
Toughened safety glass

VSG: 8.7 - 12.7 mm ($\frac{11}{32}$ " - $\frac{1}{2}$ ")
Laminated safety glass

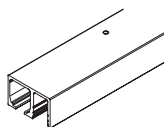

Top tracks to HAWA-Junior 40/GP

Caution: - Hole positions vary - Minor differences in colour are possible		mm/inch	code
	Top 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
		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
	Top track, alu stainless steel effect, brushed, predrilled	4000 (13'1 $\frac{1}{2}$ ")	20002
		6000 (19'8 $\frac{7}{32}$ ")	20001
		cut to size	20003

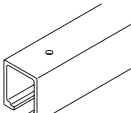
Top track sets to HAWA-Junior 40 with fixed glass

Caution: Hole positions vary.	mm/inch	code
Top track set with fixed glass to HAWA-Junior 40, alu plain anodized, predrilled	2000 (6'6 $\frac{3}{4}$ ")	20224
	6000 (19'8 $\frac{7}{32}$ ")	20225

Partial set comprising

Caution: Hole positions vary.		mm/inch	20224	20225	code
	Top track with fixed glass, alu plain anodized, predrilled	2000 (6'6 $\frac{3}{4}$ ")	1	–	20101
		6000 (19'8 $\frac{7}{32}$ ")	–	1	20102
	Cover profile to top track with fixed glass, plain anodized	1250 (4'1 $\frac{7}{32}$ ")	1	–	19552
		3000 (9'10 $\frac{1}{8}$ ")	–	1	19562

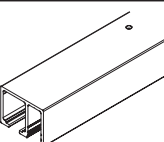

Top tracks to HAWA-Junior 80/GP

Caution: - Hole positions vary - Minor differences in colour are possible		mm/inch	code
	Top 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
Top track, alu stainless steel effect, brushed, predrilled	4000 (13'1 ^{1⁄2} ")	20005	
	6000 (19'8 ^{7⁄32} ")	20004	
	cut to size	20006	

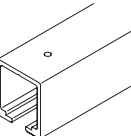
Top track sets to HAWA-Junior 80 with fixed glass

Caution: Hole positions vary.	mm/inch	code
Top track set with fixed glass to HAWA-Junior 80, alu plain anodized, predrilled	2500 (8'2 $\frac{7}{16}$ ")	20226
	4000 (13'1 $\frac{1}{2}$ ")	20227
	6000 (19'8 $\frac{7}{32}$ ")	20228

Partial set comprising

Caution: Hole positions vary.		mm/inch	20226	20227	20228	code
	Top track with fixed glass, alu plain anodized, predrilled	2500 (8'2 $\frac{7}{16}$ ")	1	–	–	20104
		4000 (13'1 $\frac{1}{2}$ ")	–	1	–	20105
		6000 (19'8 $\frac{7}{32}$ ")	–	–	1	20106
	Cover profile to top track with fixed glass, plain anodized	1250 (4'1 $\frac{7}{32}$ ")	1	–	–	19552
		2000 (6'6 $\frac{3}{4}$ ")	–	1	–	19553
		3000 (9'10 $\frac{1}{8}$ ")	–	–	1	19562

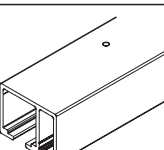

Top tracks to HAWA-Junior 120/GP

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

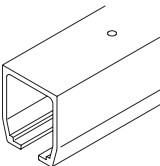
Top track sets to HAWA-Junior 120 with fixed glass

Caution: Hole positions vary.	mm/inch	code
Top track set with fixed glass to HAWA-Junior 120, alu plain anodized, predrilled	3000 (9'10 $\frac{1}{8}$ ")	20229
	4000 (13'1 $\frac{1}{2}$ ")	20230
	6000 (19'8 $\frac{7}{32}$ ")	20231

Partial set comprising

Caution: Hole positions vary.		mm/inch	20229	20230	20231	code
	Top track with fixed glass, alu plain anodized, predrilled	3000 (9'10 $\frac{1}{8}$ ")	1	–	–	20235
		4000 (13'1 $\frac{1}{2}$ ")	–	1	–	20054
		6000 (19'8 $\frac{7}{32}$ ")	–	–	1	20055
	Cover profile to top track with fixed glass, plain anodized	2000 (6'6 $\frac{3}{4}$ ")	1	1	–	19553
		3000 (9'10 $\frac{1}{8}$ ")	–	–	1	19562

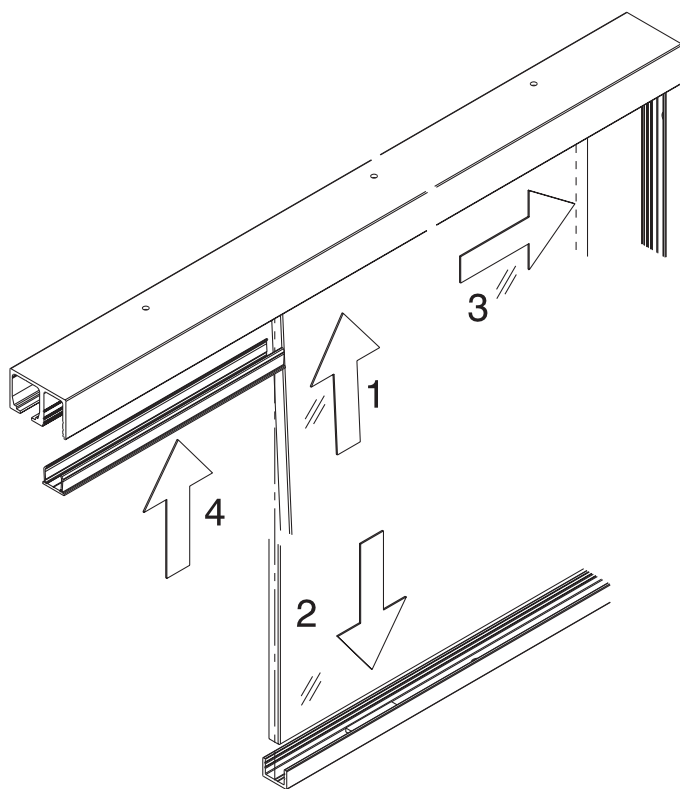
Top tracks to HAWA-Junior 160/GP

Caution: Hole positions vary.		mm/inche	code
	Top track, alu plain anodized, predrilled	3000 (9'10 $\frac{1}{8}$ ")	10205
		4000 (13'1 $\frac{1}{2}$ ")	10206
		5000 (16'4 $\frac{27}{32}$ ")	10208
		6000 (19'8 $\frac{7}{32}$ ")	10203
		cut to size	10207

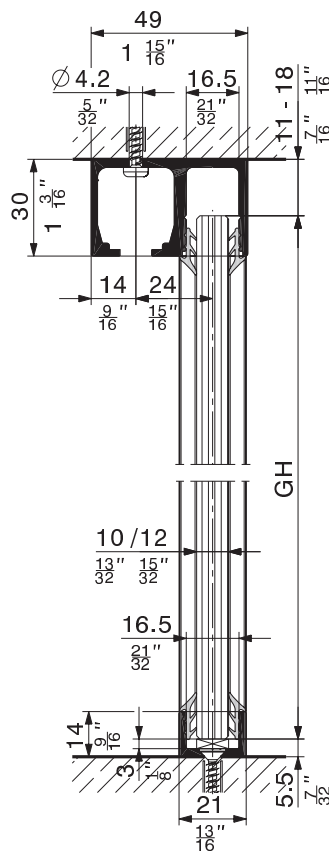
Top track sets with retainers for stationary glass

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

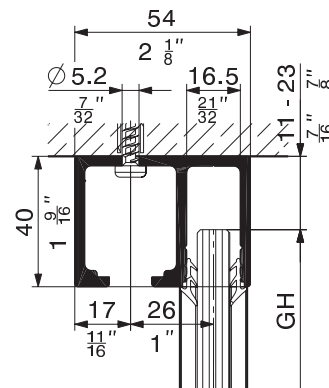
The glass element is simply positioned in the track's stationary glass retainer. Glass cut-outs and visible hardware are now no longer necessary. A retainer profile for wall and floor fitting provides sufficient stability, whether flush or mounted. A Hawa rubber profile or a silicone groove hold the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



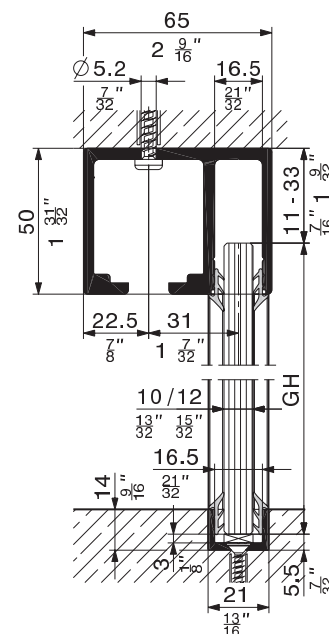
HAWA-Junior 40



HAWA-Junior 80



HAWA-Junior 120

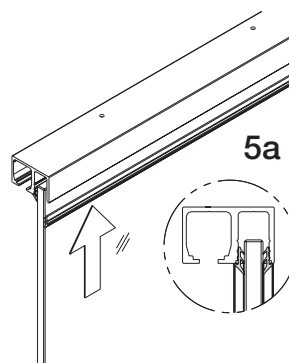


Easy fitting of stationary glass

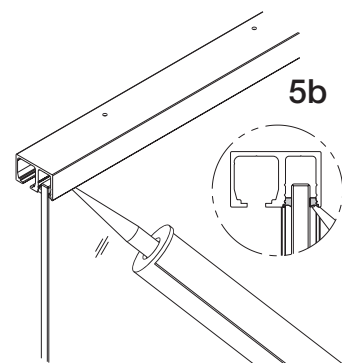
1. Slide glass element into stationary glass retainer at the top
2. Position the glass on the spacing block in the floor profile and/or
3. slide sideways into the wall profile
4. Clip cover profile into the walk-through area profile and seal
- 5a. with a Hawa rubber profile
- or
- 5b. with a silicone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

Planning/installation

For planning and installation purposes, please use the installation drawing code 19564.

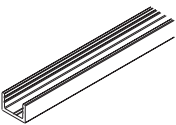
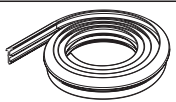
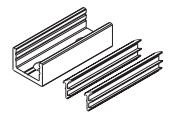


Dry glazing with the Hawa rubber profile.
Attention:
to be used on both sides, i.e.
order double the amount.



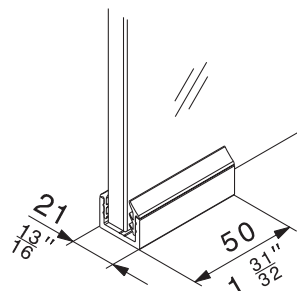
Silicone glazing provided by the customer.

Bottom-, wall- and rubber profile to fixed glass

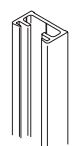

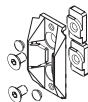
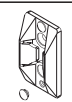
Caution: Hole positions vary.		mm/inch	code
	Bottom-/wall profile to fixed glass, alu plain anodized, predrilled	4000 (13'1 ¹ / ₂ ")	19549
		6000 (19'8 ⁷ / ₃₂ ")	19561
		cut to size	20067
	Rubber profile, black, to fixed glass	roll of 10 m (32'9 ²³ / ₃₂ ")	19846
	Bottom-/wall glass retainer piece, 50 mm (1 ³¹ / ₃₂ "), alu plain anodized, predrilled, with rubber profile		20274

Bottom-/wall glass retainer piece

If the load is low, an aesthetically pleasing glass holder of only 50 mm length can be used instead of the continuous floor or wall profile.

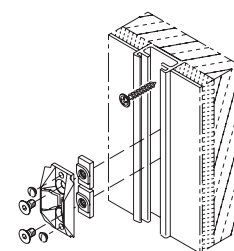
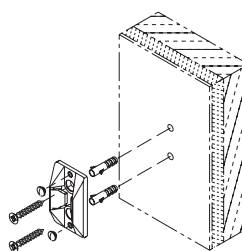
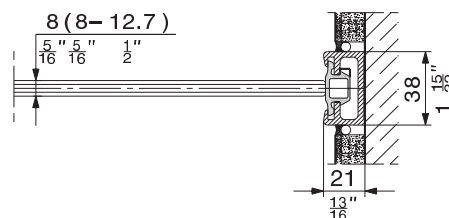


Wall connection profile

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

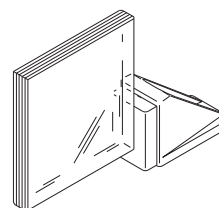


Bottom door stop

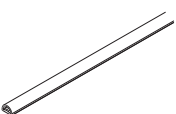
	code
	Bottom door stop, dull chromium finish
	17782

Bottom door stop

The bottom door stops quietly and gently stalls sliding doors with panel weights up to 160 kg (352 lbs.). Sliding doors should be stopped simultaneously at top and bottom.

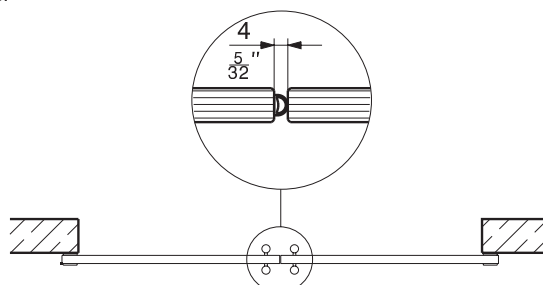


Rubber profile for glass edge protection

	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 ")
		10 m (32'9 ²³ / ₃₂ ")
		50 m (164'1 ¹ / ₂ ")
	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 ")
		10 m (32'9 ²³ / ₃₂ ")
		50 m (164'1 ¹ / ₂ ")

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.





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

Fitting set to HAWA-Adapto 80-120

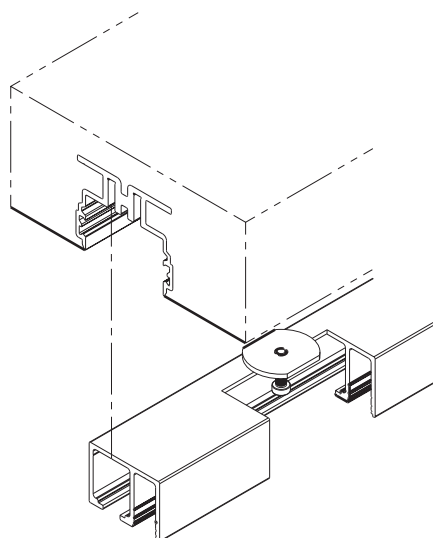
	mm/inch	code
Fitting set to HAWA-Adapto 80-120	to 2500 (8'2 ⁷ / ₁₆ ")	20232
	2600 to 4000 (8'6 ³ / ₈ " to 13'1 ¹ / ₂ ")	20233
	4100 to 6000 (13'5 ⁷ / ₁₆ " to 19'8 ⁷ / ₃₂ ")	20234

Set comprising

		mm/inch	20232	20233	20234	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 pan head screws, 60 x 22 mm (2 ³ / ₈ " x ⁷ / ₈ "), set of 10 pieces		1	2	3	20215

Fitting set to HAWA-Adapto 80-120

The HAWA-Junior top tracks both with and without a bottom profile for stationary glass can be screwed into the embedded HAWA-Adapto profile using special adjustable screws (cheese head 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. For details on the HAWA-Adapto 80-120 please see supplementary parts on page 116.



Order specifications

- Type and quantity of partial sets
- Type and quantity of cover plates
- Type and length of top track
- Type and length of bottom guide channel
- Type and quantity of floor-mounted guides

Optional order specifications

- Length of rubber profile for glass edge protection
- Quantity of centering assemblies for wall connection profile

Order specifications fixed glass

- Type and quantity of top tracks with fixed glass
- Type and quantity of fitting sets

Optional order specification fixed glass

- Type and quantity of bottom/wall profile
- Quantity of rubber profile to fixed glass

Accessories

Accessories see pages 114-118

Planning/installation

For planning and installation purposes, please use the installation drawing code 16023.