

## Hardware system for elegant heavy-weight all-glass sliding doors weighing up to 250 kg (550 lbs.).

### Description

The Hawa Super 250 G is a hardware system for heavy-weight all-glass sliding doors, and has been used with a great deal of success for many years. Its top-fixed suspension and glass retainer can also be used for fixed glass panels and doors installed between fixed components, and thus offer ideal pre requisites for a uniform complete solution.

### Applications

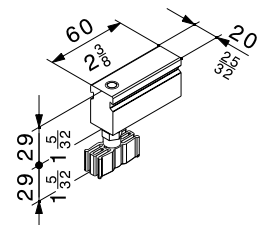
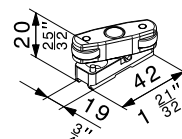
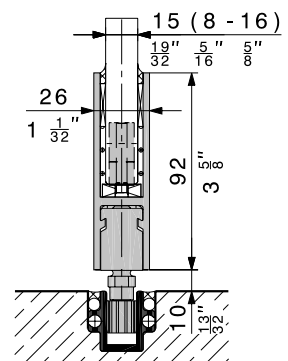
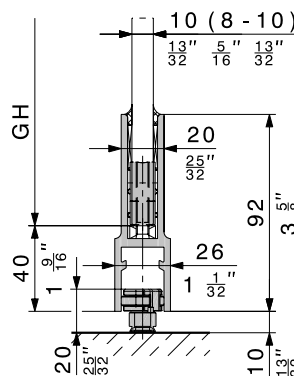
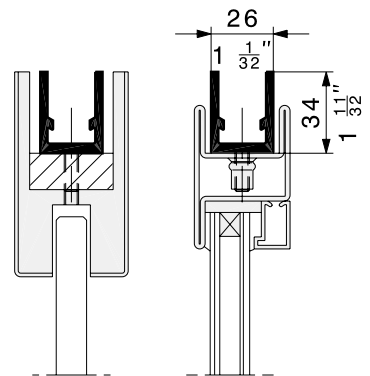
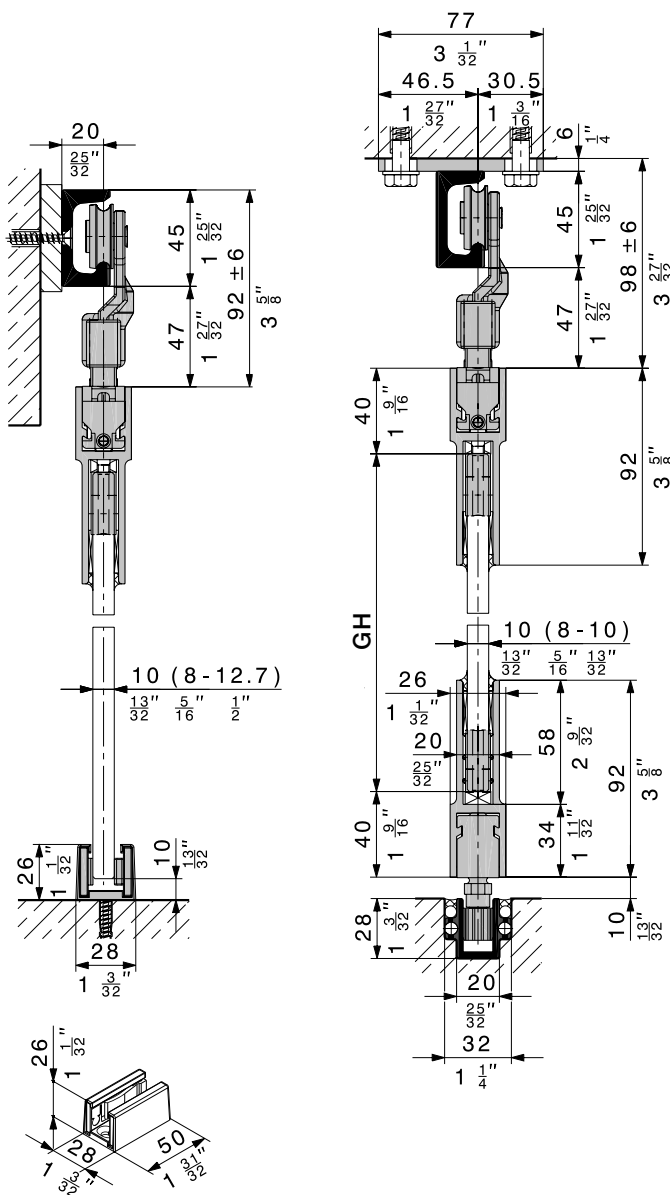
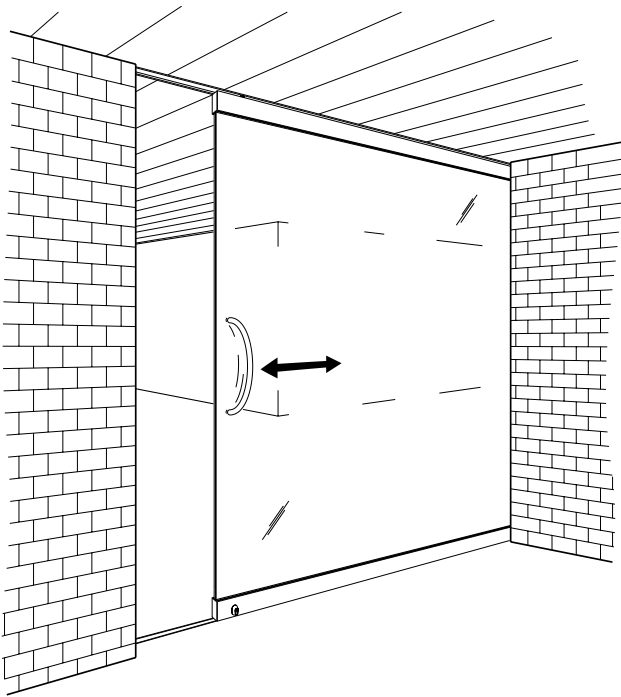
This hardware system is suitable for use wherever heavyweight doors call for a high degree of quality and precision, e.g. in public buildings, industrial premises and the administrative sector.

### Features of the Hawa Super 250 G

- Two-wheeled trolley with steel wheels
- Stainless steel running tracks WNR 1.4301/AISI 304
- Minimum axis radius, 1000 mm (3'3  $\frac{3}{8}$ " )
- Smooth and quiet operation
- Vertical adjustment







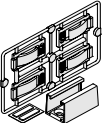

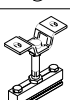

### Hawa advantage

Hawa offers a special suspension profile which permits the use of either a standard or a customised top-fixed suspension and glass retainer.

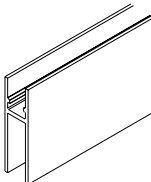
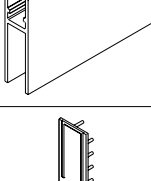

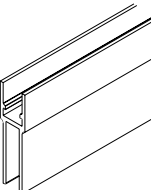
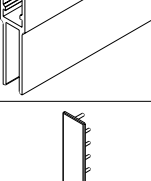





Subject to modification. Metric specifications are exact. Inches are approximate.

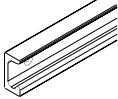
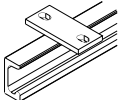
## Accessories

		code
	Two-wheeled trolley, M12, with steel wheels	13495
	Suspension plate, with hanger bolt M12	13415
	Track stop, galvanized steel, to be drilled into the track	10595
	Screw-on rubber door stop	13114
	Guide with plastic slider, rattle proof, 14 mm ( $\frac{5}{8}$ ") and suspension block	13781
	Rattle-proof floor mounted guide, with wheels (surface mounted lock not possible)	24905
	dull chromium finish	16029
	stainless steel effect	21267
	Glass holder insert, plastic, with screw M6 x 30 mm ( $\frac{1}{4}$ " x $1\frac{1}{16}$ ")	10792
	Top fixing plate for stationary glass, with hanger bolt M12	14688
	dull chromium finish	20773
	stainless steel effect	21473

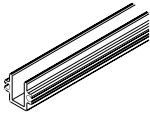

## Glass suspension/retainer profile

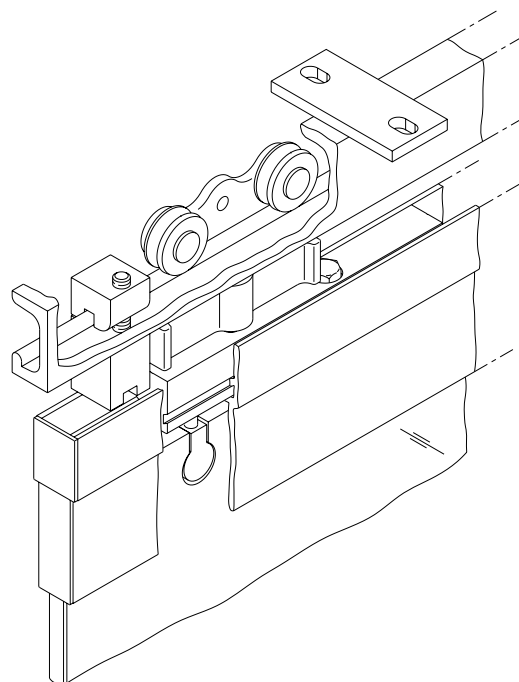
		mm/inch	code
	Glass suspension/retainer profile, alu plain anodized, brushed undrilled, glass up to 16 mm ( $\frac{5}{8}$ ")	6500 (21'3 $\frac{29}{32}$ ")	21783
	cut to size		21784
	Glass suspension/retainer profile, alu unanodized, undrilled, glass up to 16 mm ( $\frac{5}{8}$ ")	6500 (21'3 $\frac{29}{32}$ ")	13158
	cut to size		13159
	Cover cap for glass suspension/retainer profile 21783/21784/13158/13159, plastic anthracite-grey RAL 7016		21085
	Glass suspension/retainer profile, alu plain anodized, brushed undrilled, glass up to 10 mm ( $\frac{13}{32}$ ")	6500 (21'3 $\frac{29}{32}$ ")	21781
	cut to size		21782
	Glass suspension/retainer profile, alu unanodized, undrilled, glass up to 10 mm ( $\frac{13}{32}$ ")	6500 (21'3 $\frac{29}{32}$ ")	10348
	cut to size		10349
	Cover cap for glass suspension/retainer profile 21781/21782/10348/10349, plastic anthracite-grey RAL 7016		21512
	Multi purpose suspension and retainer profile, alu plain anodized, undrilled	6500 (21'3 $\frac{29}{32}$ ")	10345
	cut to size		12915
	Cover cap for suspension profile, plastic anthracite-grey RAL 7016		20907

## Running tracks

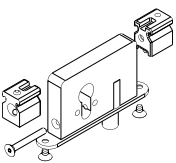
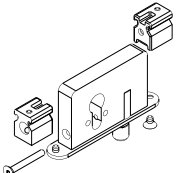
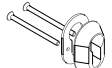




Caution: Hole positions vary			mm/inch	code
	Single running track, stainless steel WNR 1.4301/AISI 304	side-drilled	6000 (19'8 $\frac{7}{32}$ ")	18033
			cut to size	18034
	Single running track, stainless steel WNR 1.4301/AISI 304	top-mounting flanges	6000 (19'8 $\frac{7}{32}$ ")	18035
			cut to size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

## Bottom guide channels

Caution: Hole positions vary			mm/inch	code
	Bottom guide channel, alu plain anodized, predrilled, 31 x 28 mm ( $1\frac{1}{8}$ " x $1\frac{1}{8}$ ")		6000 (19'8 $\frac{7}{32}$ ")	13688
			cut to size	13690
	Connecting bolt, Ø 6 x 40 mm ( $\frac{1}{4}$ " x $1\frac{5}{8}$ ")			13759



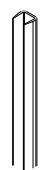

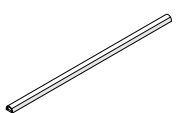
### Integrated locks

			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 ( $\frac{11}{16}$ " / $2\frac{33}{32}$ " ), Inox		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

### 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.

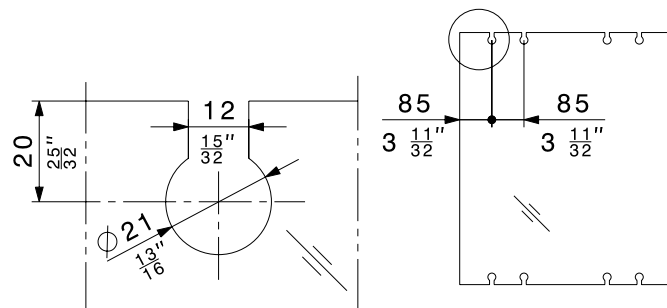
### Protective transparent edge trims

	Glass	mm/inch	code
	10 mm ( $\frac{13}{32}$ " )	3000 (9'10 $\frac{1}{8}$ " )	13822
		6000 (19'8 $\frac{7}{32}$ " )	13600
	12 mm ( $\frac{15}{32}$ " )	3000 (9'10 $\frac{1}{8}$ " )	13908
		6000 (19'8 $\frac{7}{32}$ " )	13907
	12,7 mm ( $\frac{1}{2}$ " )	3000 (9'10 $\frac{1}{8}$ " )	13912
		6000 (19'8 $\frac{7}{32}$ " )	13911
	Double-sided adhesive tape for protective edge trim		roll 50 m (164' $\frac{1}{2}$ " ) 13988
	Rubber profile self-adhesive, for 8/10 mm ( $\frac{5}{16}$ " / $\frac{13}{32}$ " ) glass thickness, black, glass distance 4 mm ( $\frac{5}{32}$ " )	5 m (16'4 $\frac{27}{32}$ " )	19442
		10 m (32'9 $\frac{23}{32}$ " )	19443
		50 m (164' $\frac{1}{2}$ " )	19444
	Rubber profile self-adhesive, for 8/10 mm ( $\frac{5}{16}$ " / $\frac{13}{32}$ " ) glass thickness, translucent, glass distance 4 mm ( $\frac{5}{32}$ " )	5 m (16'4 $\frac{27}{32}$ " )	19445
		10 m (32'9 $\frac{23}{32}$ " )	19446
		50 m (164' $\frac{1}{2}$ " )	19447

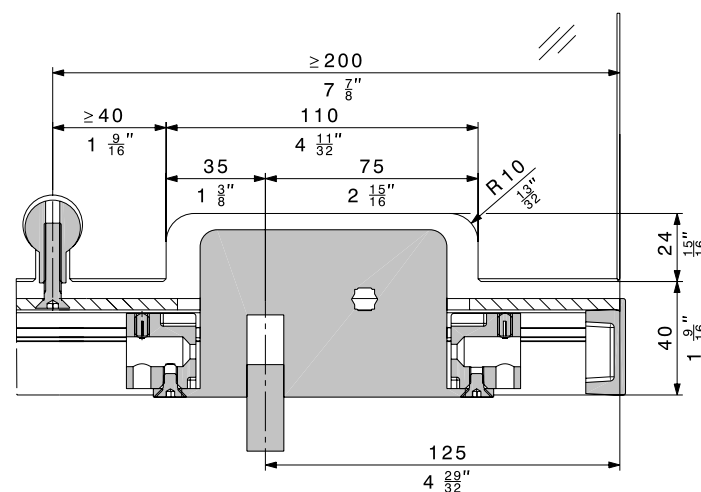
### Glass cutouts

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

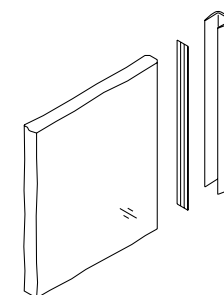
- Glass thickness sliding door ESG (fully tempered monolithic glass): 8–16 mm ( $\frac{5}{16}$ " –  $\frac{5}{8}$ " ), thickness tolerance  $\pm 0,3$  mm
- All glass edges are seamed; maximum 1 mm ( $\frac{1}{16}$ " ) in the glass cutout



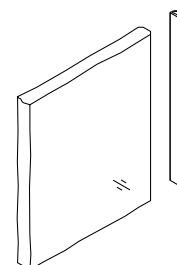
Glass cutout for glass holder



Glass cutout for safety locks



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.

## 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
Stainless-steel effect, nickel-plated, brushed, mirror finish	14631

## Services

Surface treatments are charged separately. Price on request.
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## Order specifications

- Quantity of sliding doors
- Type and length of running track
- Width and height of glass
- Thickness of glass
- Quantity and type of covering caps
- Type of bottom guide
- Length of bottom guide channel
- Type of surface-mounted lock
- Type of protective transparent edge trim

## Planning/installation

For planning and installation purposes, please use the installation drawing code 18198. (→ [www.hawa.ch](http://www.hawa.ch) → Hawa Productfinder)