

Made in Switzerland  
瑞士製造



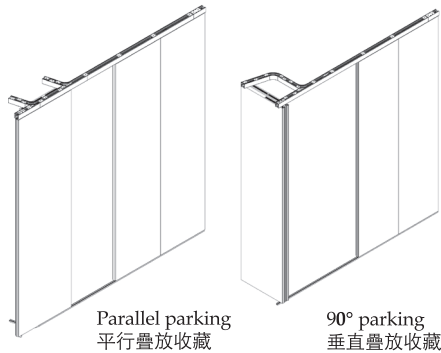
## SLIDING PARTITIONS

For indent order only 只供訂貨

### HAW-ARCH08

**HAWA-Aperto 60/H hardware system for lightweight sliding wood walls with doors stackable in parallel or perpendicular to the sliding axis**  
**HAWA-Aperto 60/H輕磅木質移動隔間牆五金配件，門扇可跟移動方向平行或者垂直疊放收藏**

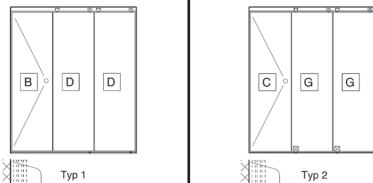
Max. door weight 門承重	: 60 kg (每扇門計)
Door thickness 門厚度	: 35-50 mm
Min. door width 門最小寬度	: 550 mm
Max. door width 門最大寬度	: 950 mm (90° stacking 90度角垂直疊放) 1500 mm (Parallel stacking 平行疊放)
Max. door height 門最大高度	: 2600 mm



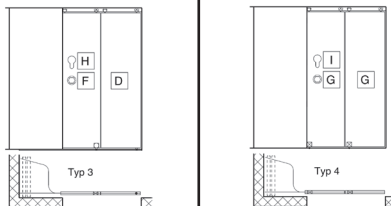
#### System types 系統種類

With bottom guide channel 有安裝地面導向滑槽  
Without bottom guide channel 沒有安裝地面導向滑槽

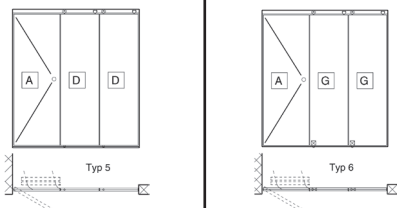
Installation with pivot door, 90° parking area  
隔斷牆一端有安裝平開門，垂直疊放收藏



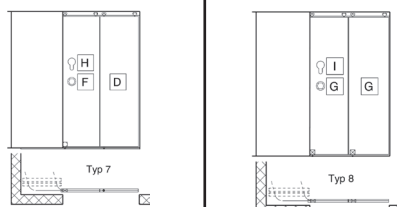
Installation without pivot door, 90° parking area  
隔斷牆一端沒安裝平開門，垂直疊放收藏



Installation with pivot door, parallel parking area 隔斷牆一端有安裝平開門，平行疊放收藏



Installation without pivot door, parallel parking area 隔斷牆一端沒安裝平開門，平行疊放收藏



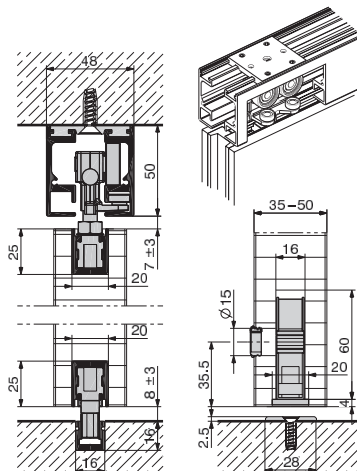
Example of wooden sliding doors that are stacking parallel to the slide axis and tuck away invisibly behind a pivot door 示範例子：門扇跟移動方向平行疊放及無形地躲藏於平開門後



Example of wooden sliding doors that are stacking parallel to the slide axis and tuck away invisibly behind a wall 示範例子：門扇跟移動方向平行疊放及無形地躲藏於牆後



Example of wooden sliding doors that are stacking at right angle to the slide axis and tuck away invisibly behind a pivot door 示範例子：門扇跟移動方向垂直疊放及無形地躲藏於樞軸門後



Pivot door set	Parallel stacking area		Right angle stacking area	
	w/ bottom guide channel	w/o bottom guide channel	w/ bottom guide channel	w/o bottom guide channel
Type A	×	×		
Type B			×	
Type C				×

Sliding door set	w/ bottom guide channel		w/o bottom guide channel	
	Sq./hex. bar bolt lock	Bar bolt lock cylinder	Sq./hex. bar bolt lock	Bar bolt lock cylinder
Type D			×	
Type E				×
Type F	×			
Type G			×	
Type H		×		
Type I				×

Floor guides can be omitted depending on operational demands & panel weight  
是否安裝地面導向滑槽則視乎操作時的小心程度及門扇重量

**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 of 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

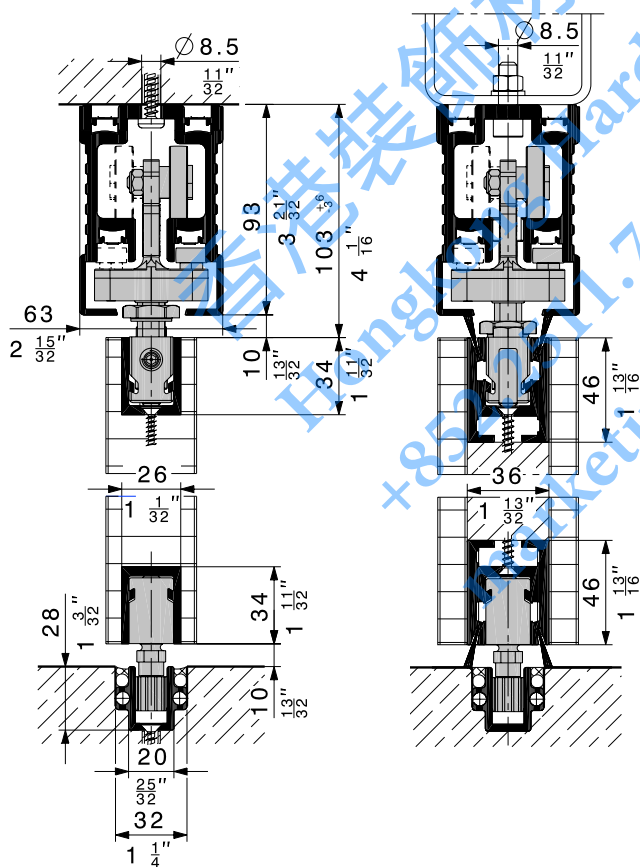
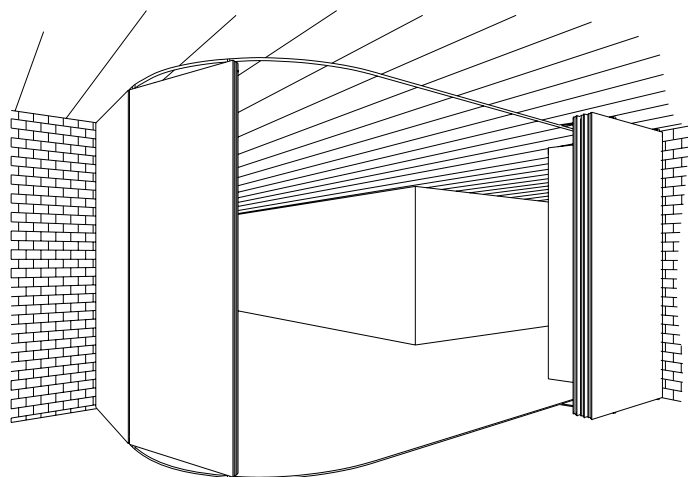
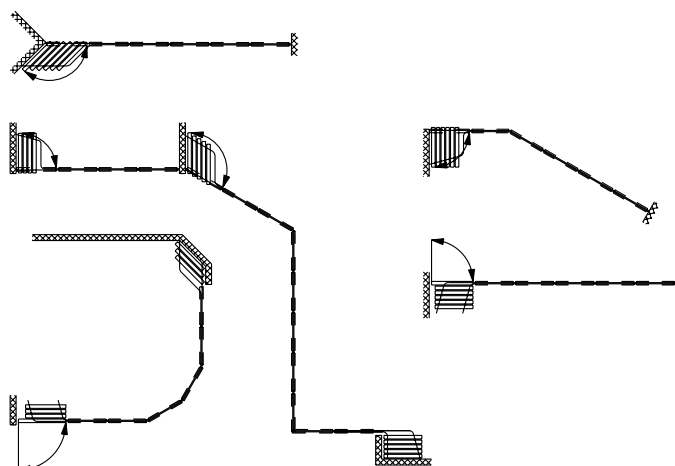
This hardware system is suitable for use wherever high quality and quiet operation are called for, e.g. in hotels, restaurants, banks, open-plan offices and exclusive interior designs.

### Features of the Hawa Variotec 150 H

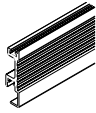
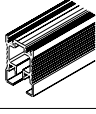
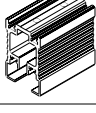


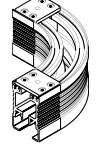
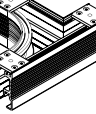
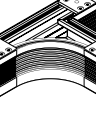
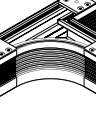
- Modular system
- Trolley with two-point guide
- Progressively adjustable height  $+6/-3$  mm ( $+\frac{15}{64}/-\frac{1}{8}$ "
- Extremely light and smooth cornering
- Minimum axis radius 4000 mm ( $13'1\frac{1}{2}"$ )
- Maximum sliding door weight 150 kg (330 lbs.)
- Secure locking
- Small space requirement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



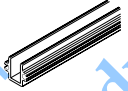

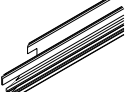
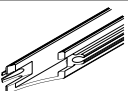
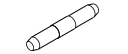

## Running tracks

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




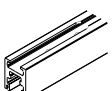

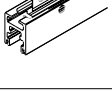
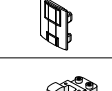







## Running tracks – accessories

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

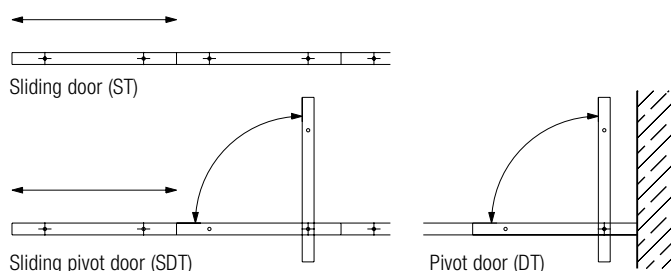
Caution: Hole positions vary			code
	Bottom guide channel, alu plain anodized, predrilled	6000 mm (19'8 $\frac{7}{32}$ " )	13688
		cut to size	13690
	Curved bottom guide channel, alu plain anodized, predrilled	15°	13644
		30°	13647
		45°	13650
		60°	13653
		75°	13656
		90°	13659
	Bottom guide channel special dual curved segment, Rm 127, alu plain anodized	angle according to indication	19645
		45°	17551
	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 ( $\frac{1}{4}$ " x $1\frac{19}{32}$ " ), stainless steel		13759






**Sliding pivot door – components**

		code
	Two-wheeled trolley, M14, with plastic-tired wheels and suspension plate (sliding pivot doors up to 90 kg [198 lbs.] and 3000 mm [9'10 <sup>3</sup> / <sub>16</sub> "] 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 ( <sup>1</sup> / <sub>2</sub> " ), galvanized steel, for sliding pivot door	14087
	Strike 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 <sup>1</sup> / <sub>16</sub> " )	14164
	Long connecting rod for door height up to ≥ 2500 mm (8'2 <sup>1</sup> / <sub>16</sub> " )	14165




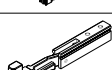
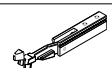
**Door types**

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

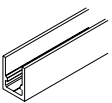


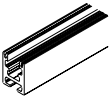


**Pivot door – components**

		code
	Servicing unit, dismountable, 100 mm (3 <sup>15</sup> / <sub>16</sub> " )	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 <sup>1</sup> / <sub>16</sub> " ), for pivot door	16326

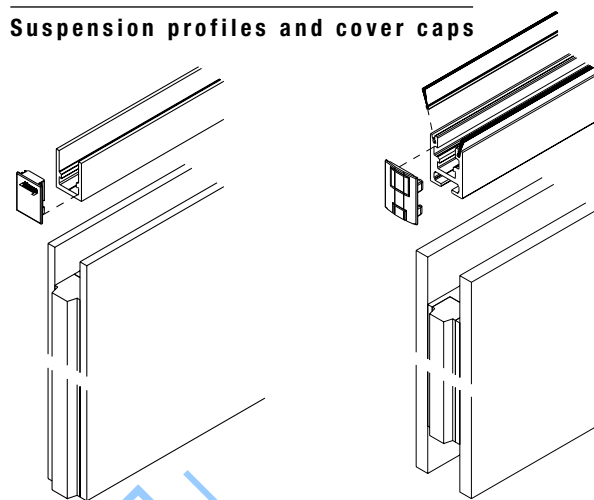
**Sliding door – components**

		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 ( <sup>9</sup> / <sub>16</sub> " )	13781
	Floor locking lever	19820
	Floor locking lever 0–18°	19822

## 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 $\frac{25}{32}$ ")	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

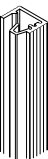
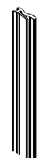
## Suspension profiles and cover caps



Suspension profile: 10347/11004  
Cover cap: 20907

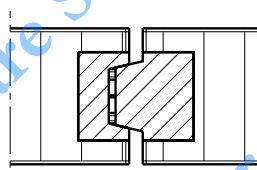
Suspension profile: 14232  
Cover cap: 14211  
Brush seal: 16797/13791

## Seal profile / rubber profile

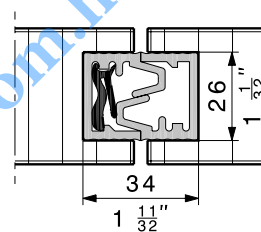
Deployment between the sliding doors			code
	Seal profile, alu plain anodized, predrilled	6000 mm (19'8 $\frac{1}{32}$ ")	14223
		cut to size	13528
	Rubber profile, black	roll of 20 m (65'7 $\frac{13}{32}$ ")	15340
		cut to size	13571

## Panel centering

Door panels must be centred to ensure flush fitting.





Version A  
With customer-supplied wooden strips

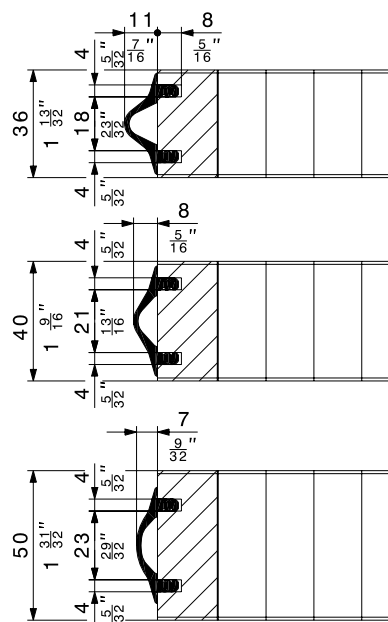


Version B  
With Hawa seal profile, plain anodised aluminium (13528) including black rubber profile (13571)

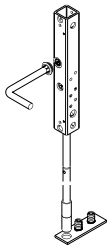
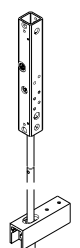
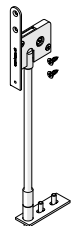



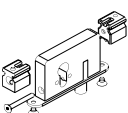
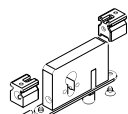
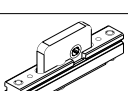
## Protective edge trims / brush seal

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








## Protective edge trims



**Locks**

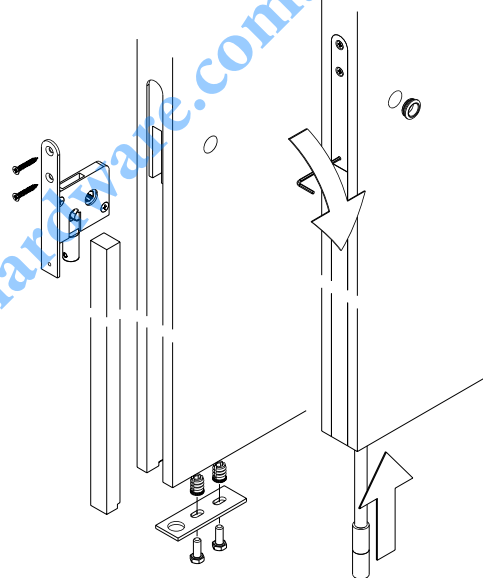
		code
	<b>Hawa Doorfix</b> Bar bolt lock, galvanized steel Backset 18 mm ( $\frac{3}{4}$ " ) Socket square/hexagonal 7/8 mm Total lift of push rod: 46 mm ( $1\frac{13}{16}$ " ) Double turn, 1 <sup>st</sup> level 28 mm ( $1\frac{1}{8}$ " ) 2 <sup>nd</sup> level 18 mm ( $\frac{3}{4}$ " ) Operation height: 980 mm or 830 mm ( $3'11\frac{13}{16}$ " or $2'8\frac{11}{16}$ " ), 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 46	15077
	<b>Hawa Doorfix</b> Bar bolt lock, galvanized steel Backset 18 mm ( $\frac{3}{4}$ " ) Socket square/hexagonal 7/8 mm Total lift of push rod: 46 mm ( $1\frac{13}{16}$ " ) Double turn, 1 <sup>st</sup> level 28 mm ( $1\frac{1}{8}$ " ) 2 <sup>nd</sup> level 18 mm ( $\frac{3}{4}$ " ) Operation height: 980 mm or 830 mm ( $3'11\frac{13}{16}$ " or $2'8\frac{11}{16}$ " ), complete  Assembly dimensions → page 46	14188
	Bar bolt lock Backset 42.5 mm ( $1\frac{11}{16}$ " ) Socket square/hexagonal, 7/8 mm Total lift of push rod: 18 mm ( $\frac{3}{4}$ " ) 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
	Dead bolt lock, galvanized steel, 13 mm ( $\frac{1}{2}$ " ) Backset 29.5 mm ( $\frac{15}{16}$ " ) Socket square/hexagonal 7/8 mm	10726
	Hawa bar bolt lock, 13 mm ( $\frac{1}{2}$ " ) Galvanized steel Backset 34.5 mm ( $1\frac{11}{16}$ " )	profile cylinder 17 mm ( $\frac{11}{16}$ " ) 16695 round cylinder 22 mm ( $\frac{7}{8}$ " ) 16696 square/hexagon socket 7/8 mm 16697
	Bar bolt lock, with guide pin	profile cylinder 17 mm ( $\frac{11}{16}$ " ) 18478 round cylinder 22 mm ( $\frac{7}{8}$ " ) 18479 square/hexagon socket 7/8 mm 18388
	Bar bolt lock with retention pin	profile cylinder 17 mm ( $\frac{11}{16}$ " ) 16760 round cylinder 22 mm ( $\frac{7}{8}$ " ) 16761 square/hexagon 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 18486
	Pivot bearing or deadbolt lock 13 mm ( $\frac{1}{2}$ " ), galvanized steel, for sliding pivot door	14087

**Locks – accessories**

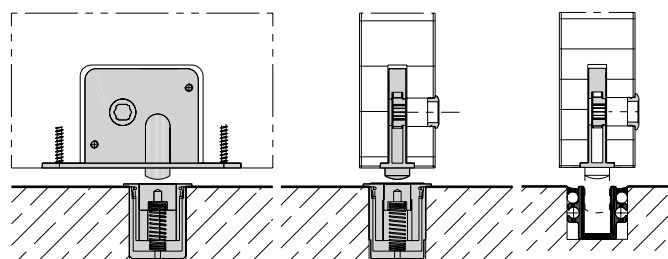
		code
	Key for deadbolt lock to 10721, 10726, 13144	10723
	Thumbturn, chromium finish, for panel thickness 35 to 40 mm ( $1\frac{3}{8}$ " to $1\frac{13}{32}$ " )	13789
	Thumbturn, chromium finish, for panel thickness 41 to 57 mm ( $1\frac{9}{16}$ " to $2\frac{1}{4}$ " )	19806
	Floor-mounted sleeve, dull 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 ( $1\frac{3}{8}$ " )	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.

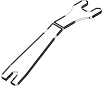
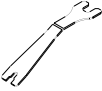



Locking with floor-mounted sleeve  
code 13787

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 of 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](http://www.hawa.ch) → Hawa Productfinder)