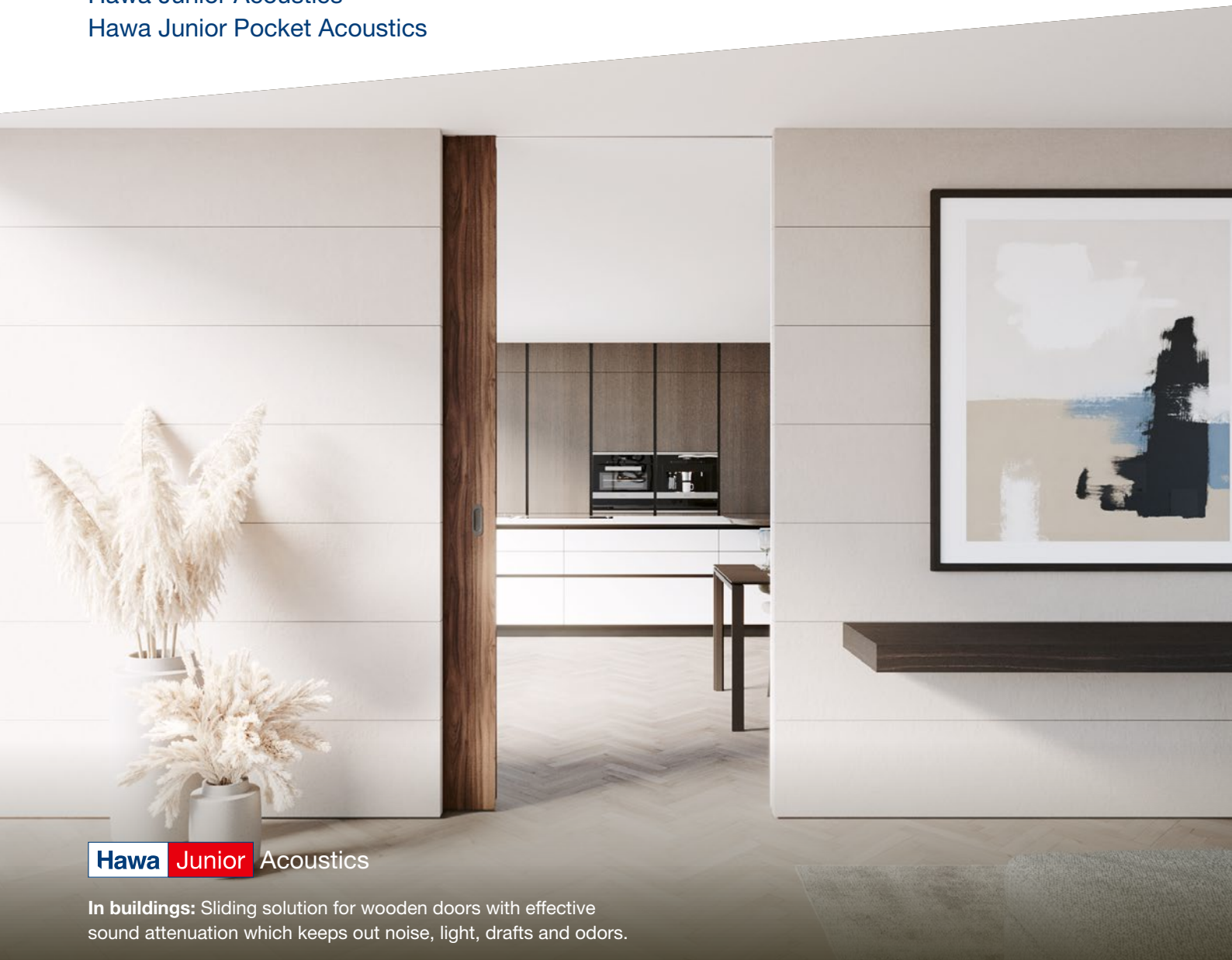


# The most elegant path to improved quiet

Hawa Junior Acoustics  
Hawa Junior Pocket Acoustics



**Hawa** **Junior** Acoustics

**In buildings:** Sliding solution for wooden doors with effective sound attenuation which keeps out noise, light, drafts and odors.

# Hawa Junior Acoustics

## Create flexible quiet zones

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Use rooms more efficiently, flexibly, and comfortably: Hawa Junior sliding door fittings have been known for these features for a long time. And now the Hawa Junior Acoustics has a new benefit that will make you take notice: sound attenuation.

With an optimized all-round seal, this system reduces the transmission of sound from room to room by up to 41 dB while also keeping out unwanted light, drafts, and odors. And all this never comes at the expense of comfort: Operation is as easy as usual, and with Hawa SoftStop, even closing is quiet and gentle.

The Hawa Junior Acoustics supports both, wall-mounted constructions as well as pocket constructions with floor-to-ceiling applications and can be installed and adjusted even after construction is complete.

As much as this system extension offers, as little of it remains inconspicuous: No visible technology mars the high-quality, puristic design, which gives you complete creative freedom.



Create flexible quiet zones – simply leave noise, light, drafts, and odours outside the door.



### More privacy: All-round seals create quiet zones

Everyone likes some quiet once in a while. The Hawa Junior Acoustics provides exactly that: Its innovative sealing concept reduces the transmission of sound from room to room by up to 41 dB. And also eliminates undesirables, such as odors, drafts or incidence of light.



### Improved ergonomics: when opening and when closing

The ease of use comes with the comfort of living. Even with additional seals, this system moves doors up to 100 kg easily and quietly. On the one hand, thanks to the intelligent force deflection of the horizontal seal and, on the other hand, thanks to the excellent running properties that have always characterized Hawa Junior fittings. In addition, the combination of seals and Hawa SoftStop ensures a particularly harmonious closing movement

### Improved efficiency: from planning to installation

The identical Acoustics set supplements the system components of the Hawa Junior 100 for wall-mounted and pocket solutions. Door installation is easy: You can use standard door leaves, install the doors even after construction is complete, and have access to the hardware at all times.

# Quiet zones create quality of life

## More privacy in everyday life



New ways of living and working require a flexible design of quiet zones.

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Living together hasn't gotten any easier in recent years. The growing importance of home offices and the trend towards dense building with smaller living spaces mean that people are moving closer together in modern everyday life. At the same time, open spaces are dominating interior design trends.

This increases the importance of personal retreats. And this is exactly where the Hawa Junior Acoustics unfolds its qualities. It turns living spaces into quiet spaces. When needed, it separates kitchens, with all their sounds and smells, from living and work spaces. Depending on the situation, it also prevents steam and moisture from leaving a room. It thus combines the space-saving, flexible interior design and the elegant design of sliding doors with the opportunity to enjoy individual quiet zones and improved privacy.

**Sliding doors with sound attenuation: A combination for new perspectives in interior design and quality of life.**

# The advantages of sliding doors combined with effective sound attenuation

## Hawa Junior Acoustics in brief



### Flexibility

Wall-mounted and pocket solution with identical set  
Allows variable passage dimensions



### Productivity

Simple planning thanks to the Hawa planning tool  
Efficient installation with only minimal additional  
processing of the door leaf



### Comfort

Increased discretion  
Noise reduction up to 41 dB Rw from room to room  
Minimizes odors, drafts, and incidence of light  
Ergonomic opening and closing of door



### Ästhetik

Invisibly integrated technology  
Puristic design of a classic sliding door



### Security

System tested for 100,000 cycles, corresponding  
to approx. 25 years and the average service life of a  
sliding door  
Meets standard according to DIN EN 1527

## Technical product information



On the following pages, you will find all the necessary ordering information  
for Hawa Junior Acoustics.

Hawa Junior 100 B Acoustics see page 6




Hawa Junior 100 B Pocket Acoustics see page 12

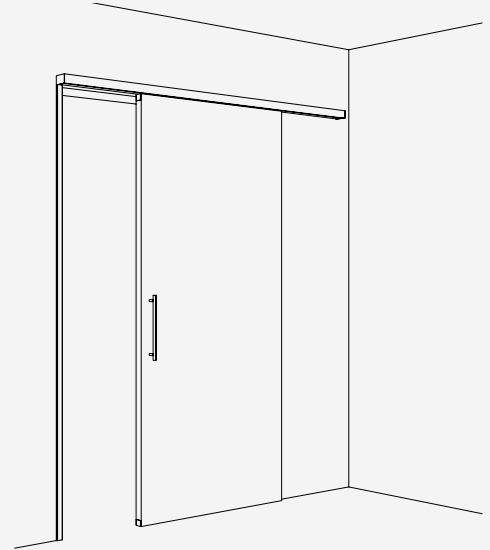
**Fitting for top-running wooden doors up to 100 kg (220 lbs.), with surface mounted running track. Sound attenuation. Wall mounting. Minimal installation height.**

**Product highlights**

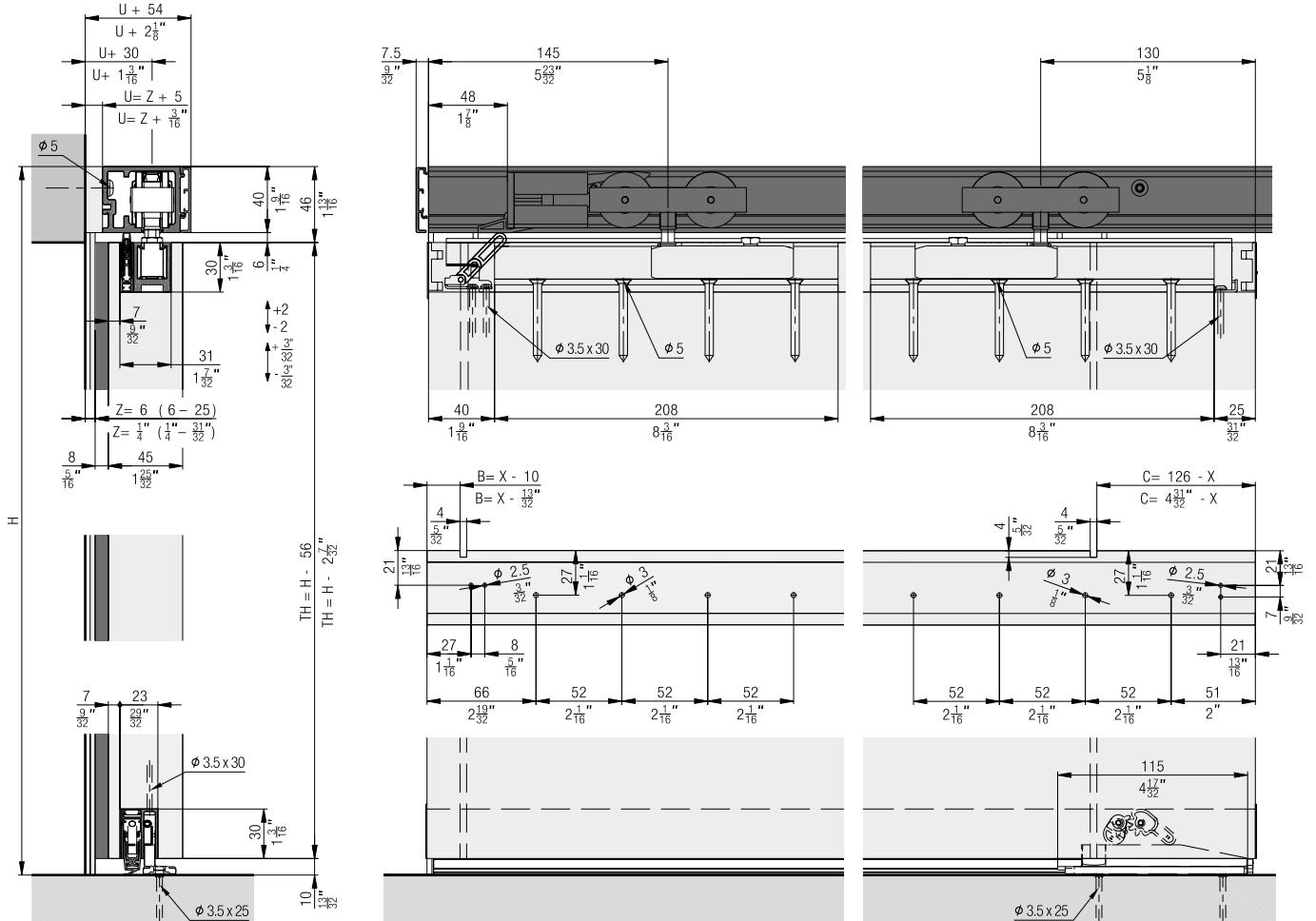
-  **Comfort** Outstanding living comfort thanks to effective exclusion of sound, drafts, odors and unwanted light incidence
-  **Flexibility** Running tracks for wall mounting with integrated clip-on system

**Technical specifications**

-  **Max.** 100 kg (220 lbs.)
-  **Max.** 2500 mm (8' 2 7/16")
-  750–1250 mm (2' 5 17/32" to 4' 1 7/32")  
Inside clearance (LMB)
-  44–50 mm (1 23/32" to 1 31/32")



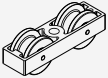


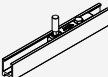

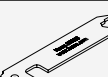
**Installation examples**





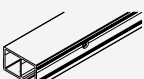
**Set for 1 wooden door up to 100 kg (220 lbs.)**

	No.
Hawa Junior 100 B/B Pocket Acoustics, for 1 door	30427


**Set consisting of:**

		30427	No.
	Running gear, 2-wheeled, M10, ball bearing	2	30137
	SoftStop Hawa Junior 100 Acoustics, with ramp and adjustable retention spring	1	30132
	SoftStop Hawa Junior 80/100, with adjustable retention spring	1	27771
	Suspension profile, plate with screw M10	2	30379
	Cover cap set, plastic, aluminum look, 4-piece set	1	30483
	Locking wrench to suspension	1	10778

**Running tracks**

		mm (inch)	No.
	Running track, wall mounting, aluminum, anodized, pre-drilled	2,000 (6' 6 3/4")	27673
		2,500 (8' 2 7/16")	30323
		3,000 (9' 10 1/8")	27672
		6,000 (19' 8 7/32")	27671
		4,000 (13' 1 15/32")	30324
		cut to size	27695
	Running track, wall mounting, extended spacing of +11 mm (7/16") between door and wall, aluminum, anodized, pre-drilled	2,500 (8' 2 7/16")	30613
		6,000 (19' 8 7/32")	30614
		cut to size	30666
	Running track, wall mounting, extended spacing of +20 mm (25/32") between door and wall, aluminum, anodized, pre-drilled	2,500 (8' 2 7/16")	30615
		6,000 (19' 8 7/32")	30616
		cut to size	30667





**Panels**

		mm (inch)	No.
	Clip-on panel to running track, aluminum, anodized	2,000 (6' 6 3/4")	27689
		2,500 (8' 2 7/16")	30328
		3,000 (9' 10 1/8")	27688
		4,000 (13' 1 15/32")	30330
		6,000 (19' 8 7/32")	27687
		cut to size	27698

**Panel end component set, 95 mm (3 3/4"), can be shortened, aluminum, wall mounting**

	No.
Panel end component set, left, 95 mm (3 3/4"), aluminum, anodized	30434
Panel end component set, right, 95 mm (3 3/4"), aluminum, anodized	30435

**Set consisting of:**

		30434	30435	No.
	Panel end component, left, 95 mm (3 3/4"), aluminum, anodized, can be cut to size	1		30131
	Bracker connector, steel, zinc-plated	1	1	057.3051.101
	Screw, M4x2.6 mm (5/32"x 1/8"), steel, zinc-plated	2	2	011.0101.171
	Panel end component, right, 95 mm (3 3/4"), aluminum, anodized, can be cut to size		1	30398

**Sets left type  
(horizontal seal set)**

		No.
	Seal, Hawa Acoustics XS, left	30437
	Seal, Hawa Acoustics S, left	30439
	Seal, Hawa Acoustics M, left	30441
	Seal, Hawa Acoustics L, left	30443
	Seal, Hawa Acoustics XL, left	30445

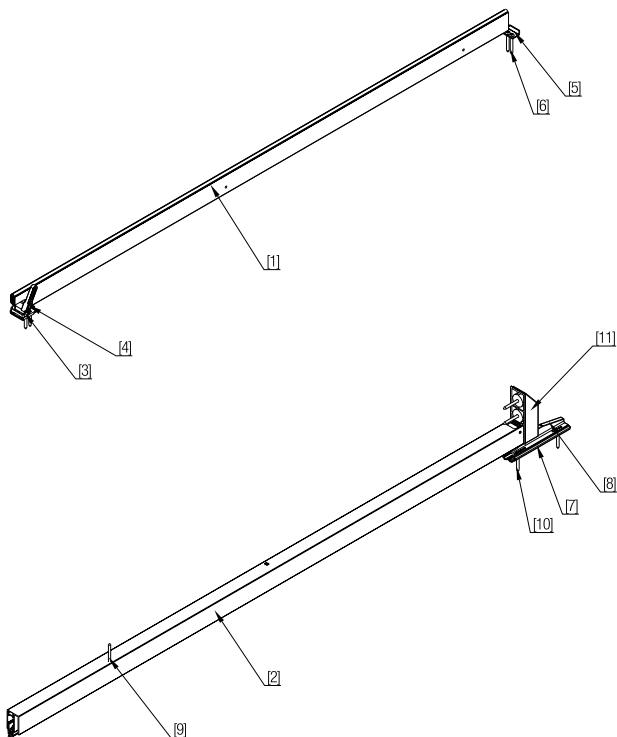
**Sets right type  
(horizontal seal set)**

		No.
	Seal, Hawa Acoustics XS, right	30436
	Seal, Hawa Acoustics S, right	30438
	Seal, Hawa Acoustics M, right	30440
	Seal, Hawa Acoustics L, right	30442
	Seal, Hawa Acoustics XL, right	30444

**Vertical seal for seal set, left, right set type**

		No.
	Seal vertical, Hawa Acoustics, 7700 mm (25' 3 5/32"), silicone, black	30300

**Hawa Acoustics horizontal seal set  
consisting of:**



Position Position Position	Bezeichnung Designation Designation	Anzahl Numéro Number	Typ Type Type			
1	<b>Hubdichtung</b> Joint de levage Header seal	1	<b>Links/Rechts</b> Gauche/Droite Left/Right			
			XS	30454		
			S	30385		
			M	30455		
			L	30456		
XL	30457					
2	<b>Senkdichtung</b> Joint d'abaissement Floor seal	1	<b>Links</b> Gauche Left		<b>Rechts</b> Droite Right	
			XS	30446	XS	30447
			S	30387	S	30383
			M	30448	M	30449
			L	30450	L	30451
XL	30452	XL	30453			
3, 4, 5, 6	<b>Kleinteileset oben</b> Kit pour petites pièces, supérieur Small parts set top	1	<b>Links</b> Gauche Left	30390	<b>Rechts</b> Droite Right	30392
7, 8, 9, 10	<b>Kleinteileset unten</b> Kit pour petites pièces, inférieur Small parts set bottom	1	<b>Links</b> Gauche Left	30416	<b>Rechts</b> Droite Right	30417
11	<b>Pocketadapter</b> Adaptateur pour caisson à galandage Pocket adapter	1	<b>Links/Rechts</b> Gauche/Droite Left/Right	30418		



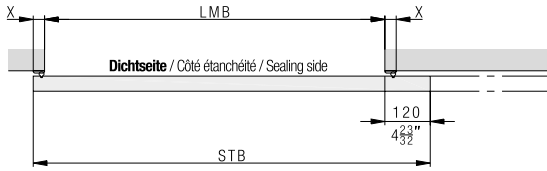
**Definition left, right / door width calculation**

**Left type (left hand lock)**

**Ganzöffnend**  
Ouverture complète  
Fully opening

$STB = LMB + X + 120$   
 $STB = LMB + X + 4\frac{23}{32}$

**X = Zargenmass 30 - 60**  
X = Dimension du cadre 30 - 60  
X = Frame dimension  $1\frac{3}{16}$  -  $2\frac{3}{8}$

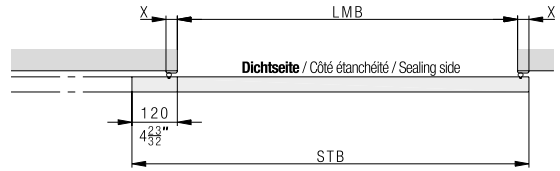


**Right type (right hand lock)**

**Ganzöffnend**  
Ouverture complète  
Fully opening

$STB = LMB + X + 120$   
 $STB = LMB + X + 4\frac{23}{32}$

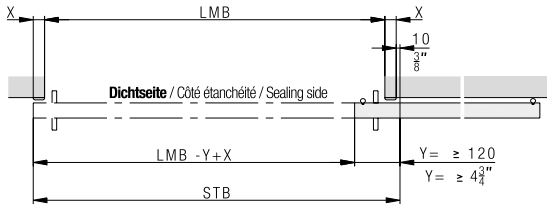
**X = Zargenmass 30 - 60**  
X = Dimension du cadre 30 - 60  
X = Frame dimension  $1\frac{3}{16}$  -  $2\frac{3}{8}$



**Teilöffnend**  
Ouverture partielle  
Partially opening

$STB = LMB + (2 * X) + 10$   
 $STB = LMB + (2 * X) + \frac{13}{32}$

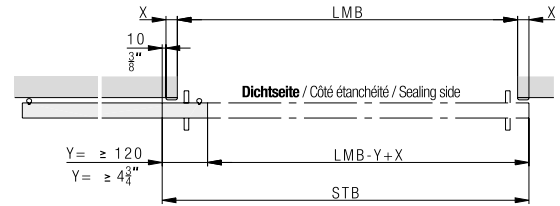
**X = Zargenmass 30 - 60**  
X = Dimension du cadre 30 - 60  
X = Frame dimension  $1\frac{3}{16}$  -  $2\frac{3}{8}$



**Teilöffnend**  
Ouverture partielle  
Partially opening

$STB = LMB + (2 * X) + 10$   
 $STB = LMB + (2 * X) + \frac{13}{32}$

**X = Zargenmass 30 - 60**  
X = Dimension du cadre 30 - 60  
X = Frame dimension  $1\frac{3}{16}$  -  $2\frac{3}{8}$



**Acoustics set determination**

**Ganzöffnend**  
Ouverture complète  
Fully opening

X	LMB			
	30	40	50	60
Hawa Acoustics XS	750 - 780	750 - 770	750 - 760	750
Hawa Acoustics S	780 - 900	770 - 890	760 - 880	750 - 870
Hawa Acoustics M	900 - 1030	890 - 1020	880 - 1010	870 - 1000
Hawa Acoustics L	1030 - 1150	1020 - 1140	1010 - 1130	1000 - 1120
Hawa Acoustics XL	1150 - 1250	1140 - 1250	1130 - 1250	1120 - 1250

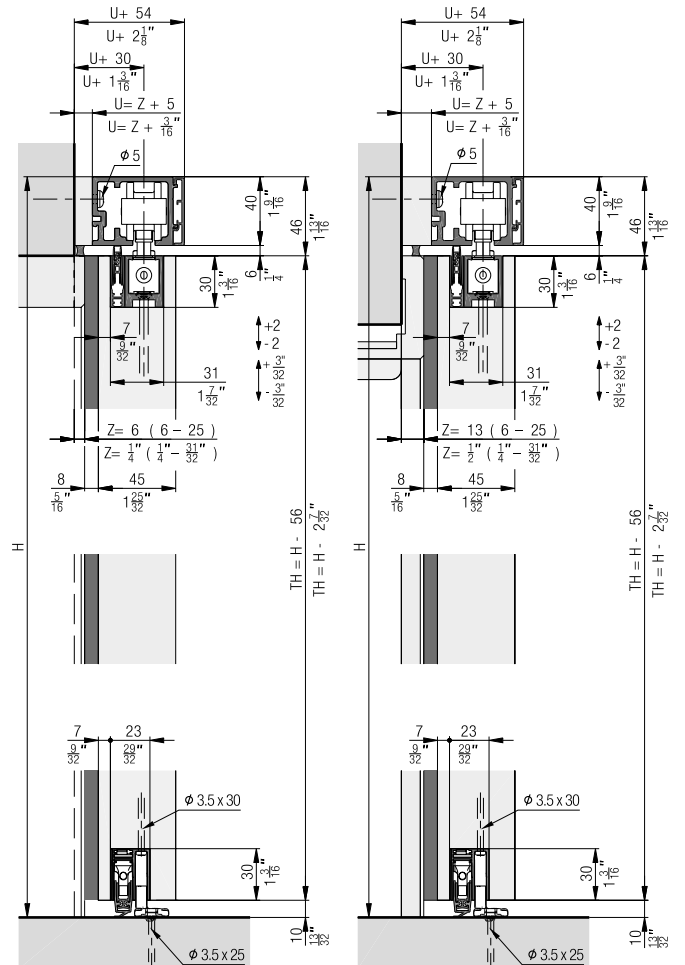
X	LMB			
	$1\frac{3}{16}$	$1\frac{9}{16}$	$1\frac{31}{32}$	$2\frac{3}{8}$
Hawa Acoustics XS	2' 5 $\frac{17}{32}$ " - 2' 6 $\frac{23}{32}$ "	2' 5 $\frac{17}{32}$ " - 2' 6 $\frac{5}{16}$ "	2' 5 $\frac{17}{32}$ " - 2' 5 $\frac{29}{32}$ "	2' 5 $\frac{17}{32}$ "
Hawa Acoustics S	2' 6 $\frac{23}{32}$ " - 2' 11 $\frac{7}{16}$ "	2' 6 $\frac{5}{16}$ " - 2' 11 $\frac{1}{32}$ "	2' 5 $\frac{29}{32}$ " - 2' 10 $\frac{21}{32}$ "	2' 5 $\frac{17}{32}$ " - 2' 10 $\frac{1}{4}$ "
Hawa Acoustics M	2' 11 $\frac{7}{16}$ " - 3' 4 $\frac{9}{16}$ "	2' 11 $\frac{1}{32}$ " - 3' 4 $\frac{5}{32}$ "	2' 10 $\frac{21}{32}$ " - 3' 3 $\frac{3}{4}$ "	2' 10 $\frac{1}{4}$ " - 3' 3 $\frac{3}{8}$ "
Hawa Acoustics L	3' 4 $\frac{9}{16}$ " - 3' 9 $\frac{9}{32}$ "	3' 4 $\frac{5}{32}$ " - 3' 8 $\frac{7}{8}$ "	3' 3 $\frac{3}{4}$ " - 3' 8 $\frac{1}{2}$ "	3' 3 $\frac{3}{8}$ " - 3' 8 $\frac{9}{32}$ "
Hawa Acoustics XL	3' 9 $\frac{9}{32}$ " - 4' 1 $\frac{7}{32}$ "	3' 8 $\frac{7}{8}$ " - 4' 1 $\frac{7}{32}$ "	3' 8 $\frac{15}{32}$ " - 4' 1 $\frac{7}{32}$ "	3' 8 $\frac{9}{32}$ " - 4' 1 $\frac{7}{32}$ "

**Teilöffnend**  
Ouverture partielle  
Partially opening

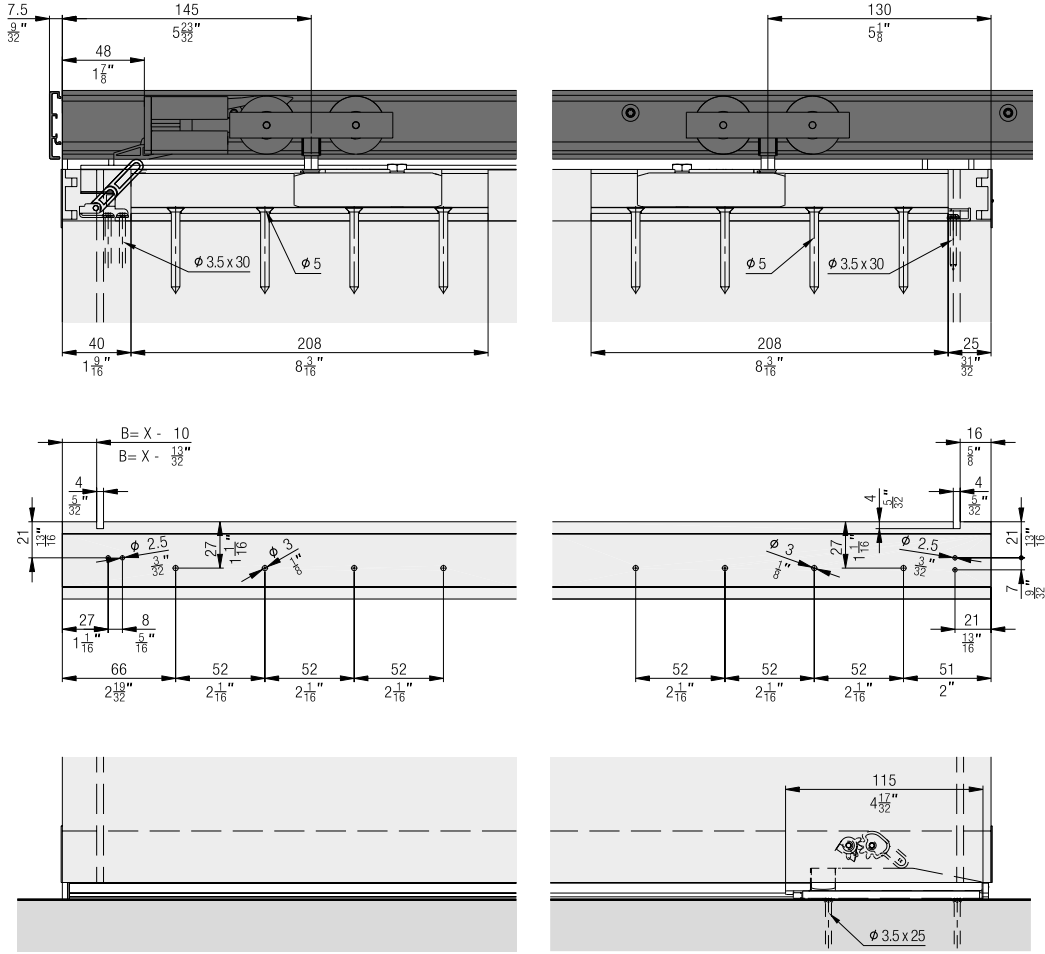
X	LMB			
	30	40	50	60
Hawa Acoustics XS	750 - 870	750 - 850	750 - 830	750 - 810
Hawa Acoustics S	870 - 990	850 - 970	830 - 950	810 - 930
Hawa Acoustics M	990 - 1120	970 - 1100	950 - 1080	930 - 1060
Hawa Acoustics L	1120 - 1240	1100 - 1220	1080 - 1200	1060 - 1180
Hawa Acoustics XL	1240 - 1250	1220 - 1250	1200 - 1250	1180 - 1250

X	LMB			
	$1\frac{3}{16}$	$1\frac{9}{16}$	$1\frac{31}{32}$	$2\frac{3}{8}$
Hawa Acoustics XS	2' 5 $\frac{17}{32}$ " - 2' 10 $\frac{1}{4}$ "	2' 5 $\frac{17}{32}$ " - 2' 9 $\frac{15}{32}$ "	2' 5 $\frac{17}{32}$ " - 2' 8 $\frac{11}{16}$ "	2' 5 $\frac{17}{32}$ " - 2' 7 $\frac{7}{8}$ "
Hawa Acoustics S	2' 10 $\frac{1}{4}$ " - 3' 2 $\frac{31}{32}$ "	2' 9 $\frac{15}{32}$ " - 3' 2 $\frac{3}{16}$ "	2' 8 $\frac{11}{16}$ " - 3' 1 $\frac{13}{32}$ "	2' 7 $\frac{7}{8}$ " - 3' $\frac{5}{8}$ "
Hawa Acoustics M	3' 2 $\frac{31}{32}$ " - 3' 8 $\frac{3}{32}$ "	3' 2 $\frac{3}{16}$ " - 3' 7 $\frac{5}{16}$ "	3' 1 $\frac{13}{32}$ " - 3' 6 $\frac{17}{32}$ "	3' $\frac{5}{8}$ " - 3' 5 $\frac{23}{32}$ "
Hawa Acoustics L	3' 8 $\frac{3}{32}$ " - 4' $\frac{13}{32}$ "	3' 7 $\frac{5}{16}$ " - 4' $\frac{1}{32}$ "	3' 6 $\frac{17}{32}$ " - 3' 11 $\frac{1}{4}$ "	3' 5 $\frac{23}{32}$ " - 3' 10 $\frac{15}{32}$ "
Hawa Acoustics XL	4' $\frac{13}{16}$ " - 4' 1 $\frac{7}{32}$ "	4' $\frac{1}{32}$ " - 4' 1 $\frac{7}{32}$ "	3' 11 $\frac{1}{4}$ " - 4' 1 $\frac{7}{32}$ "	3' 10 $\frac{15}{32}$ " - 4' 1 $\frac{7}{32}$ "

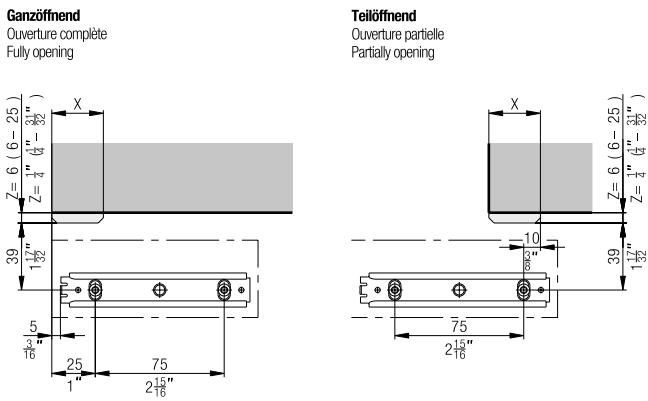
**Block frame / closed frame details**



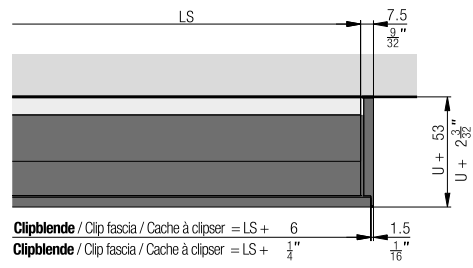
**Partially opening view**



**Bottom guide assembly detail**





**Calculations of clip-on panels**





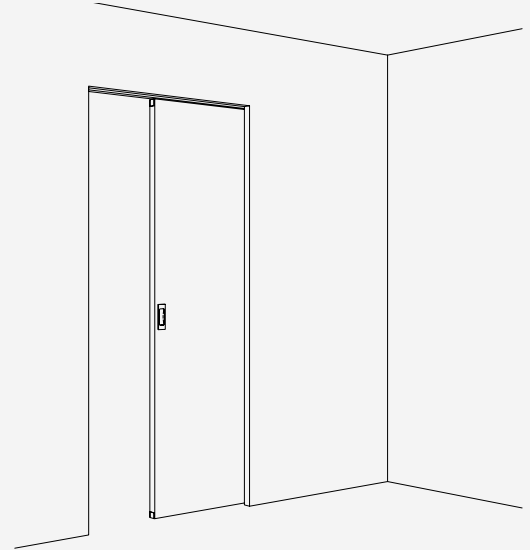
**Fitting for top-running wooden doors up to 100 kg (220 lbs.), with surface mounted running track or running track flush with the ceiling. Sound attenuation. Ceiling mounting. Wall pocket solution.**

**Product highlights**

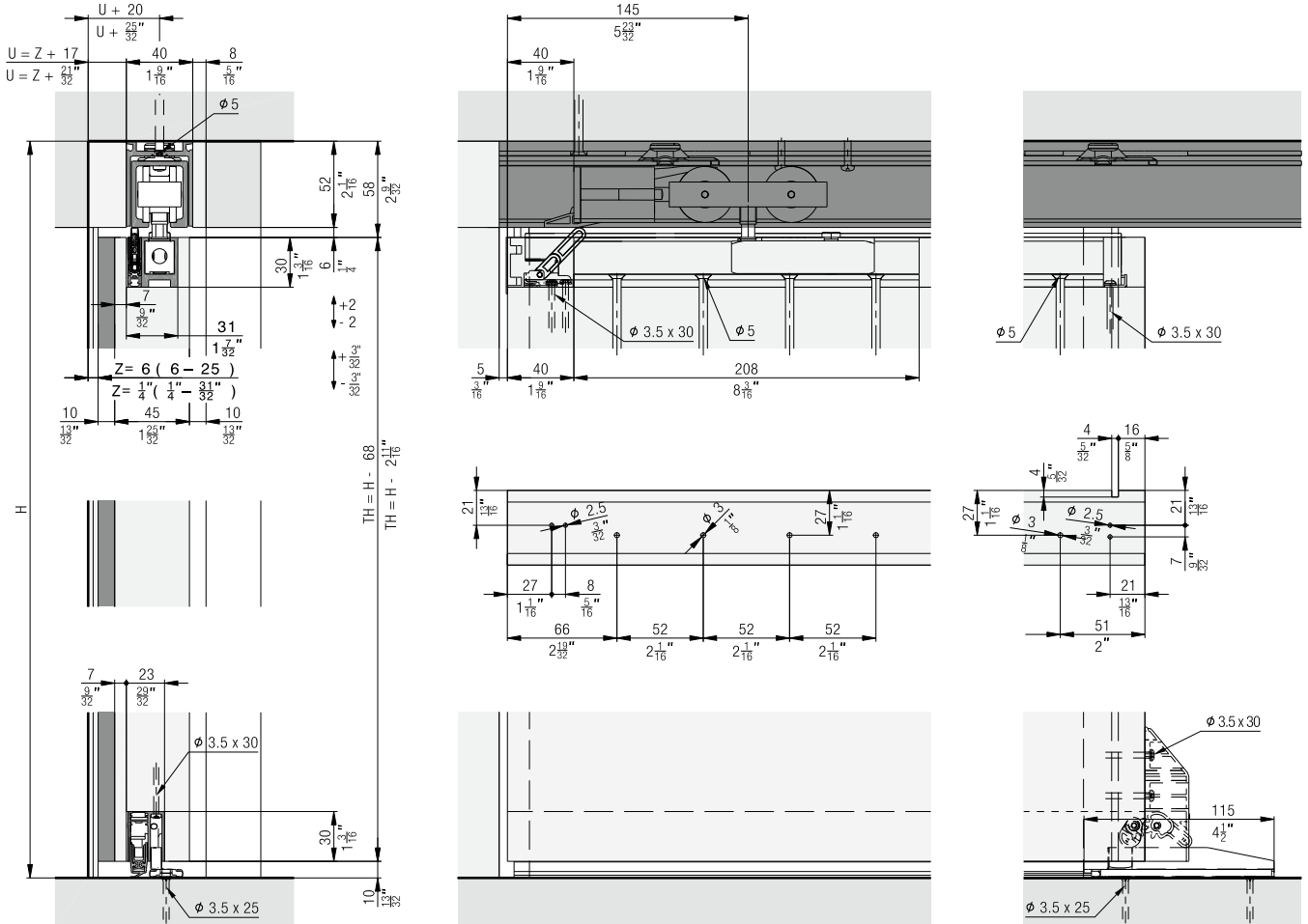
-  **Comfort** Outstanding living comfort thanks to effective exclusion of sound, drafts, odors and unwanted light incidence
-  **Productivity** Easy height adjustment via both suspensions and convenient depth adjustment of the installed door in the wall pocket

**Technical specifications**

-  **Max.** 100 kg (220 lbs.)
-  **Max.** 2500 mm (8' 2 7/16")
-  750–1250 mm (2' 5 17/32" to 4' 1 7/32")  
Inside clearance (LMB)
-  44–50 mm (1 23/32" to 1 31/32")



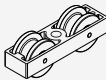
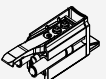
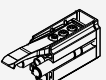
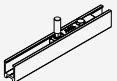

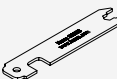
**Installation examples**




**Set for 1 wooden door up to 100 kg (220 lbs.)**

Hawa Junior 100 B/B Pocket Acoustics, for 1 door	No.
	30427


**Set consisting of:**

	Running gear, 2-wheeled, M10, ball bearing	2	30137
	SoftStop Hawa Junior 100 Acoustics, with ramp and adjustable retention spring	1	30132
	SoftStop Hawa Junior 80/100, with adjustable retention spring	1	27771
	Suspension profile, plate with screw M10	2	30379
	Cover cap set, plastic, aluminum look, 4-piece set	1	30483
	Locking wrench to suspension	1	10778


**Accessories for set**

	Spring loaded stopper Hawa Junior 80/100	No.
		25370

**Running tracks**

	Running track, aluminum, anodized, pre-drilled	mm (inch)	No.
		1,400 (4' 7 1/8 ")	10189
		1,600 (5' 3 ")	10190
		1,800 (5' 10 7/8 ")	10191
		2,000 (6' 6 3/4 ")	10192
		2,200 (7' 2 5/8 ")	10193
		2,500 (8' 2 7/16 ")	10194
		3,000 (9' 10 1/8 ")	18532
cut to size	10188		

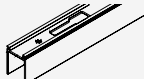

**Components for running tracks**

	Running track fastening Hawa Junior 80/100, for removable running track, up to max. internal door width of 850 mm (2' 9 15/32 ")	No.
		25442

**Assembly set, up to 2000 mm (6' 6 3/4")**

Set for mountable and demountable running track	No.
	25207

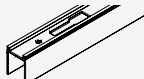

**Set consisting of:**

	Retainer profile with a bayonet lock, aluminum, anodized	mm (inch)	25207	No.
		2,035 (6' 8 1/8 ")	1	25212
	Small parts to retainer profile, 6-piece set		1	25520

**Assembly set, up to 2500 mm (8' 2 7/16")**

Set for mountable and demountable running track	No.
	25371

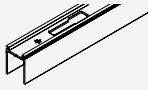

**Set consisting of:**

	Retainer profile with a bayonet lock, aluminum, anodized	mm (inch)	25371	No.
		2,535 (8' 3 13/16 ")	1	25443
	Small parts to retainer profile, 7-piece set		1	25521

**Assembly set, up to 3000 mm (9' 10 1/8")**

	No.
Set for mountable and demountable running track	25441

**Set consisting of:**

	mm (inch)	25441	No.
	3,035 (9'11 1/2")	1	25444
		1	25522

**Sets left type  
(horizontal seal set)**

		No.
	Seal, Hawa Acoustics XS, left	30437
	Seal, Hawa Acoustics S, left	30439
	Seal, Hawa Acoustics M, left	30441
	Seal, Hawa Acoustics L, left	30443
	Seal, Hawa Acoustics XL, left	30445

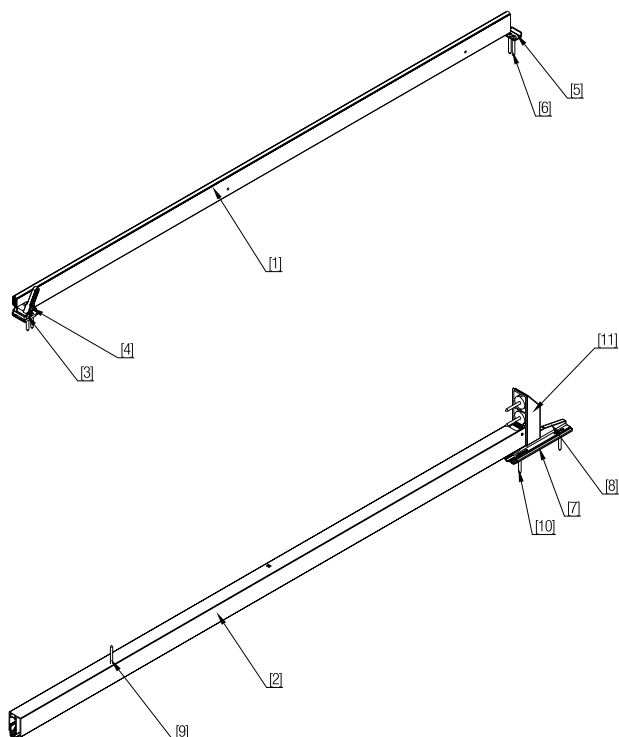
**Sets right type  
(horizontal seal set)**

		No.
	Seal, Hawa Acoustics XS, right	30436
	Seal, Hawa Acoustics S, right	30438
	Seal, Hawa Acoustics M, right	30440
	Seal, Hawa Acoustics L, right	30442
	Seal, Hawa Acoustics XL, right	30444

**Vertical seal for seal set, left, right set type**

		No.
	Seal vertical, Hawa Acoustics, 7700 mm (25' 3 5/32"), silicone, black	30300

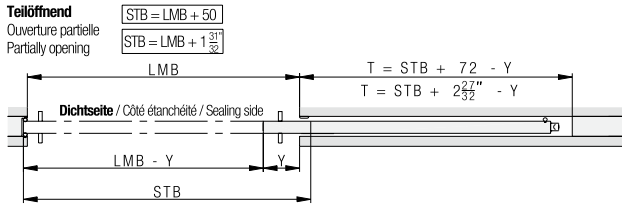
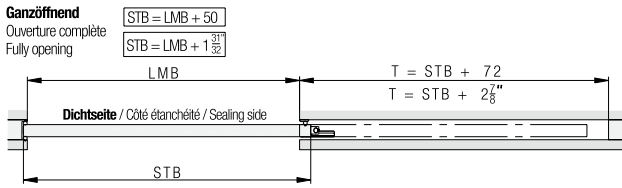
**Hawa Acoustics horizontal seal set consisting of:**



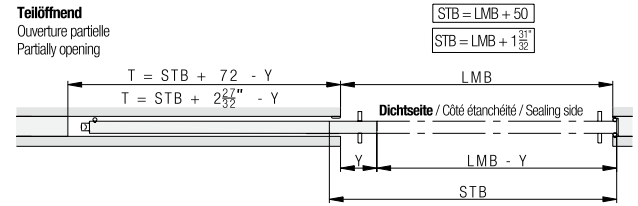
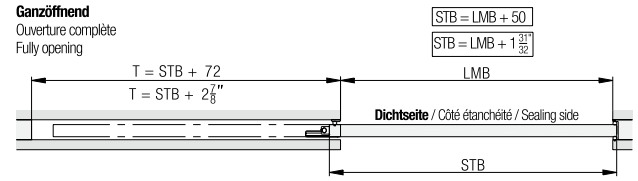
Position Position Position	Bezeichnung Designation Designation	Anzahl Numéro Number	Typ Type Type			
1	<b>Hubdichtung</b> Joint de levage Header seal	1	<b>Links/Rechts</b> Gauche/Droite Left/Right			
			XS	30454		
			S	30385		
			M	30455		
			L	30456		
2	<b>Senkdichtung</b> Joint d'abaissement Floor seal	1	<b>Links</b> Gauche Left		<b>Rechts</b> Droite Right	
			XS	30446	XS	30447
			S	30387	S	30383
			M	30448	M	30449
			L	30450	L	30451
3, 4, 5, 6	<b>Kleinteileset oben</b> Kit pour petites pièces, supérieur Small parts set top	1	<b>Links</b> Gauche Left		<b>Rechts</b> Droite Right	
			30390		30392	
			30416		30417	
			30418			
			30418			
7, 8, 9, 10	<b>Kleinteileset unten</b> Kit pour petites pièces, inférieur Small parts set bottom	1	<b>Links</b> Gauche Left		<b>Rechts</b> Droite Right	
			30416		30417	
			30418			
			30418			
			30418			
11	<b>Pocketadapter</b> Adaptateur pour caisson à galandage Pocket adapter	1	<b>Links/Rechts</b> Gauche/Droite Left/Right			

**Definition left, right / door width calculation**

**Left type (left hand lock)**



**Right type (right hand lock)**



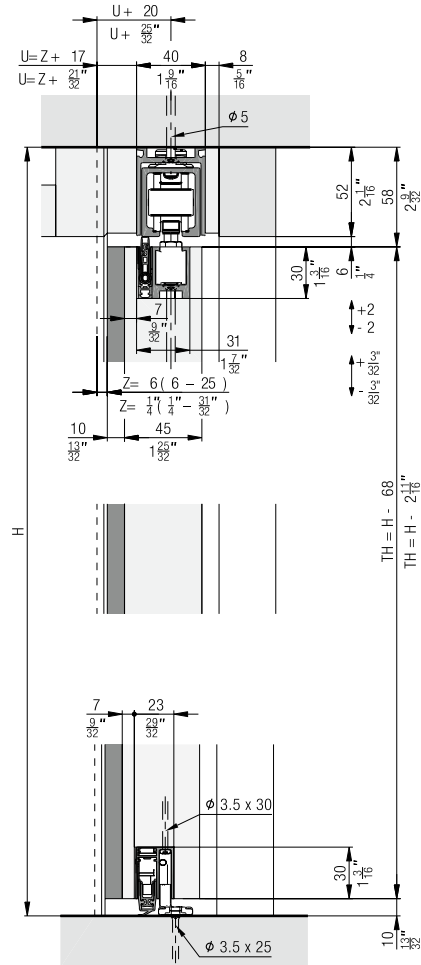
**Acoustics set determination**

	LMB
Hawa Acoustics XS	750 - 850
Hawa Acoustics S	850 - 970
Hawa Acoustics M	970 - 1100
Hawa Acoustics L	1100 - 1220
Hawa Acoustics XL	1220 - 1250

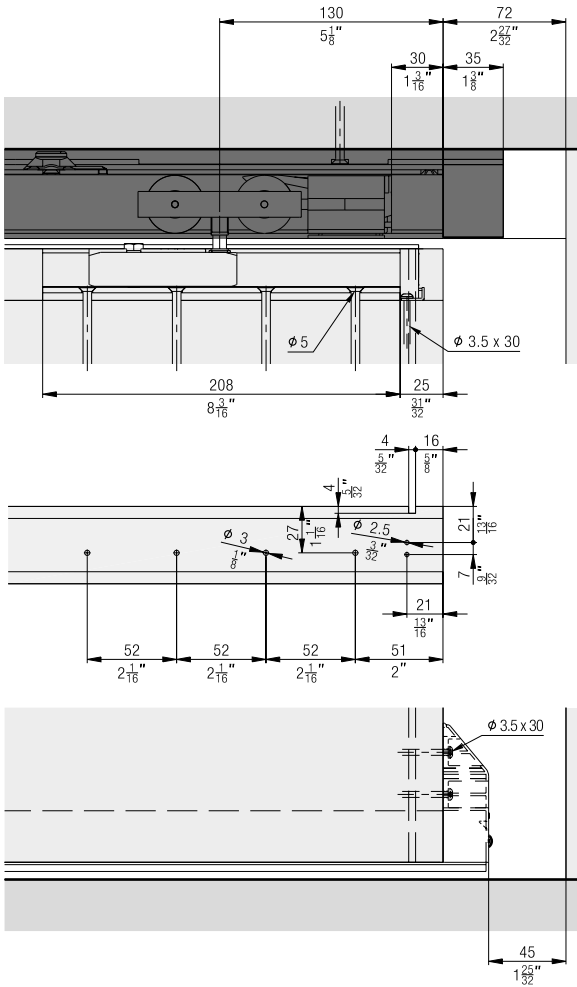
	LMB
Hawa Acoustics XS	2' 5 <sup>17</sup> / <sub>32</sub> " - 2' 9 <sup>15</sup> / <sub>32</sub> "
Hawa Acoustics S	2' 9 <sup>15</sup> / <sub>32</sub> " - 3' 2 <sup>15</sup> / <sub>16</sub> "
Hawa Acoustics M	3' 2 <sup>3</sup> / <sub>16</sub> " - 3' 7 <sup>15</sup> / <sub>16</sub> "
Hawa Acoustics L	3' 7 <sup>5</sup> / <sub>16</sub> " - 4' - 1 <sup>11</sup> / <sub>32</sub> "
Hawa Acoustics XL	4' - 1 <sup>1</sup> / <sub>32</sub> " - 4' 1 <sup>7</sup> / <sub>32</sub> "

**Further installation examples**

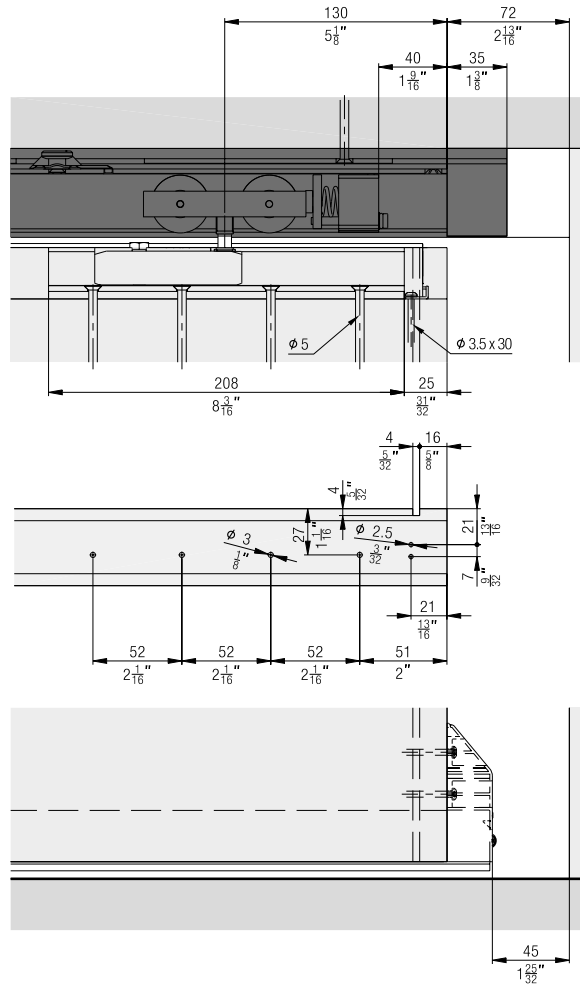




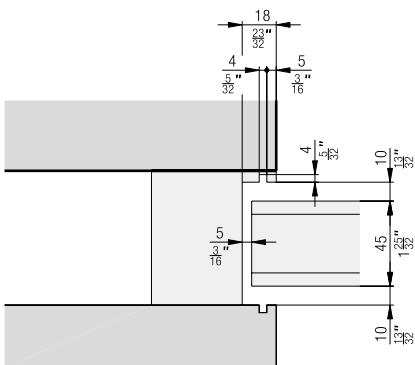
Pocket side view, assembly set



Pocket side view, spring buffer

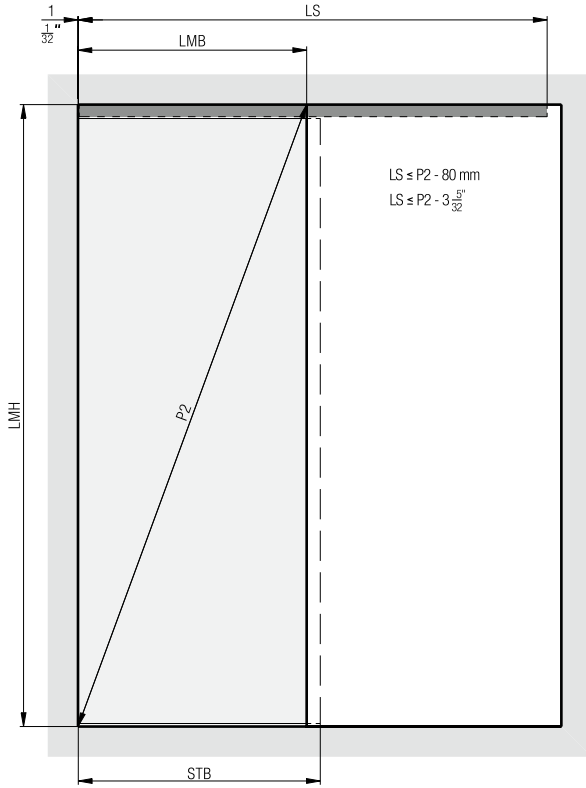


Details of end post at lock side



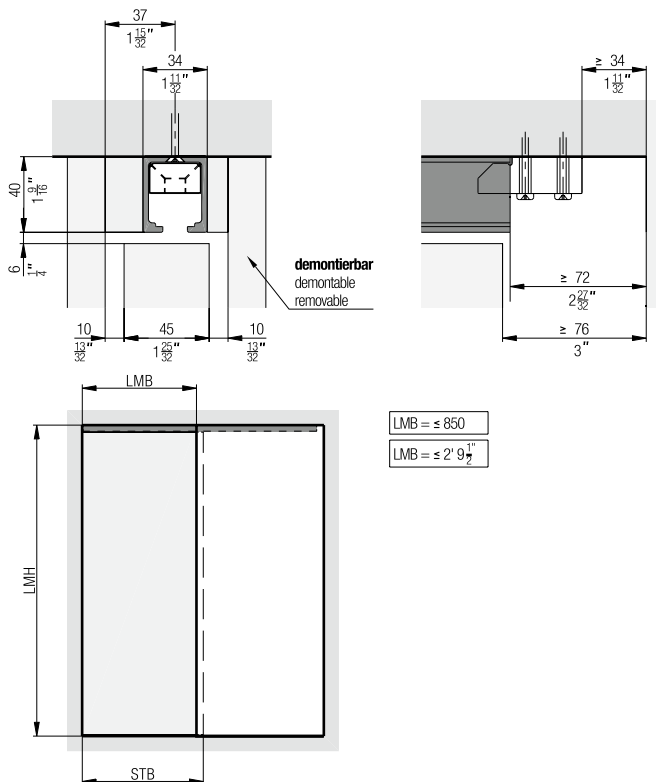
**Calculations of running track length**

The length of the running track must be shorter than the diagonal clearance (P2) by at least 80 mm (3 5/32").

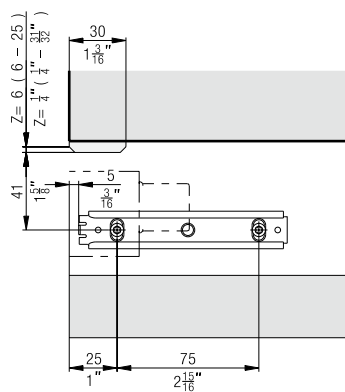


- LMB = inside clearance
- LMH = inside height
- STB = sliding door width
- P2 = diagonal clearance
- LS = running track

**Variant with normal running track and running track fastening (25442)**



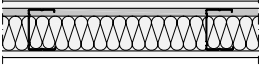
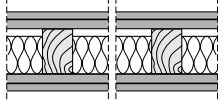
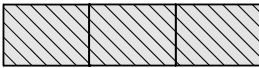
**Bottom guide assembly detail**



**Room-to-room sound attenuation**

All reference values have been measured on the basis of a practical design. The  $R_w$  sound attenuation values specify the expected sound attenuation between the two rooms which are influenced by the wall, the system and the choice of door leaf.

Reference values tested with a lightweight construction wall in accordance with James Hardy (type 1 H 31 /  $R_w$  52 dB), size 2.5 x 2.45 m in accordance with DIN EN ISO 10140-2. Clearance 2.0 x 1.0 m. The sound attenuation relates to the entire structure and specifies which sound attenuation can be expected between the two rooms.

Example walls	System	Thickness of door leaf	Type of door leaf	Estimated sound attenuation effect
				Room to room $R_w$
Wall with minimum acoustic rating of $R_w$ 52 dB  Lightweight construction wall with metal stand   Lightweight construction wall with wooden stand   Solid wall   Acoustic ratings for wall construction according to manufacturer. The acoustic values may vary if installed in different wall types.	without Hawa Acoustics	39 mm	Single door leaf without sealing system	≈ 18 dB
	Hawa Porta 60 HMD Acoustics Hawa Porta 100 HMD Acoustics		Single door leaf, approx. 19 kg/m <sup>2</sup> acoustic rating of $R_w$ 29 dB	≈ 31 dB
			Chipboard, approx. 25 kg/m <sup>2</sup> No defined acoustic rating	≈ 30 dB
		Door leaf with medium sound attenuation level approx. 25 kg/m <sup>2</sup> , acoustic rating of $R_w$ 39 dB	≈ 34 dB	
	Hawa Junior 100 B Acoustics Hawa Porta 60 HMD Acoustics Hawa Porta 100 HMD Acoustics	44 mm	Single door leaf, approx. 20 kg/m <sup>2</sup> acoustic rating of $R_w$ 29 dB	≈ 30 dB
			Door leaf with medium sound attenuation level approx. 28 kg/m <sup>2</sup> , acoustic rating of $R_w$ 40 dB	≈ 34 dB
Hawa Junior 100 B Acoustics	50 mm	Door leaf with high sound attenuation level approx. 33 kg/m <sup>2</sup> , acoustic rating of $R_w$ 42 dB	≈ 35 dB	
without Hawa Acoustics	39 mm	Single door leaf without sealing system	≈ 20 dB	
		Single door leaf, approx. 19 kg/m <sup>2</sup> , acoustic rating of $R_w$ 29 dB	≈ 31 dB	
		Door leaf with medium sound attenuation level approx. 25 kg/m <sup>2</sup> , acoustic rating of $R_w$ 39 dB	≈ 37 dB	
	Hawa Junior 100 B Pocket Acoustics Hawa Porta 60 HMT Pocket Acoustics Hawa Porta 100 HMT Pocket Acoustics	44 mm	Single door leaf, approx. 20 kg/m <sup>2</sup> acoustic rating of $R_w$ 29 dB	≈ 32 dB
			Door leaf with medium sound attenuation level approx. 28 kg/m <sup>2</sup> , acoustic rating of $R_w$ 40 dB	≈ 39 dB
	Hawa Junior 100 B Pocket Acoustics	50 mm	Door leaf with high sound attenuation level approx. 33 kg/m <sup>2</sup> , acoustic rating of $R_w$ 42 dB	≈ 41 dB

## Visit us online

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On [hawa.com/junior-acoustics](https://hawa.com/junior-acoustics) you can find all relevant details about the sliding solution with sound attenuation from Hawa Sliding Solutions. From planning to implementation – a quiet experience all round.

We would be happy to advise you personally. Contact us at [info@hawa.com](mailto:info@hawa.com) or by phone at +41 44 787 17 17.