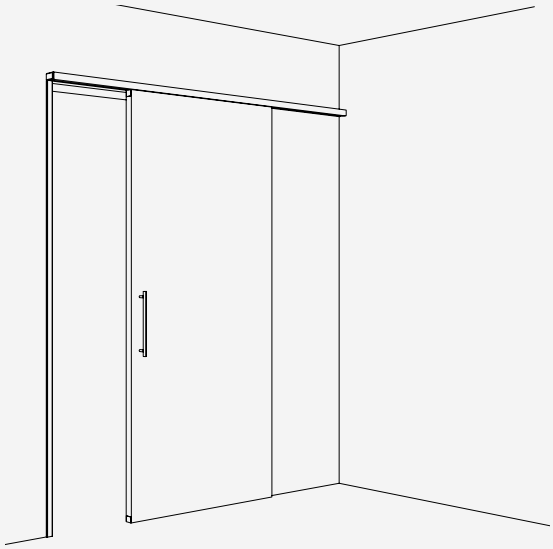
Fitting for top-running wooden doors up to 100 kg (220 lbs.), with surface mounted running track. Sound attenuation. Wall mounting. Minimal installation height.

Product highlights

Comfort Outstanding living comfort thanks to effective exclusion of sound, drafts, odors and unwanted light incidence

Flexibility Aluminium panel or customer-provided wooden panelling integrated in the system

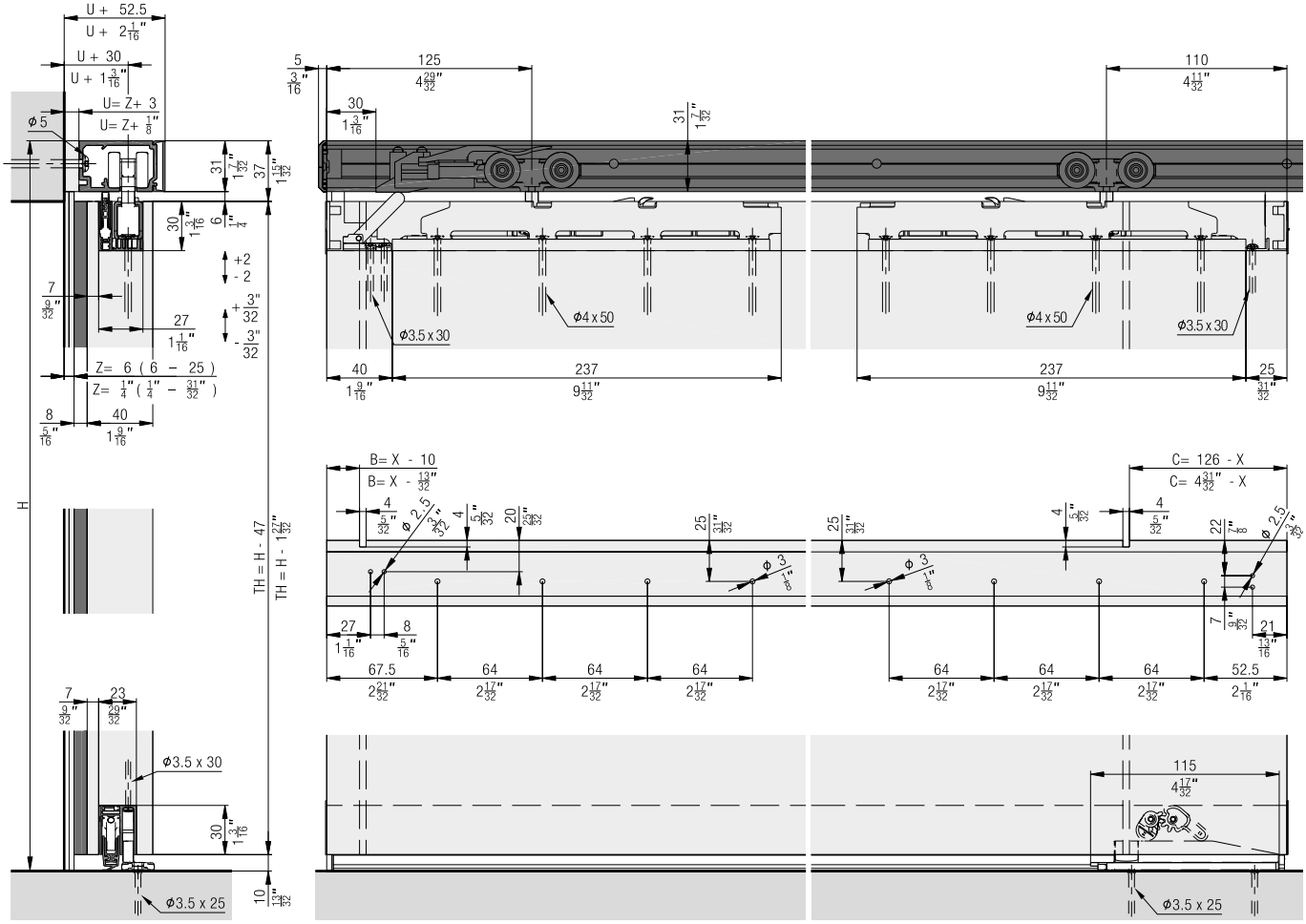
Productivity Tool-less door mounting



Technical specifications

Max.	100 kg (220 lbs.)
Max.	2500 mm (8' 2 7/16'')
750–1500 mm (2' 5 17/32'' to 4' 11 1/16'') Inside clearance (LMB)	
39–45 mm (1 17/32'' to 1 25/32'')	

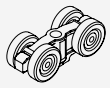
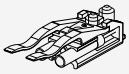
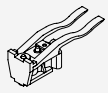
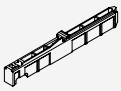
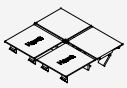
Installation examples



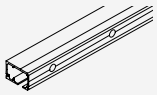
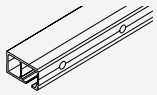
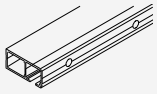
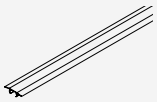
Set for 1 wooden door up to 100 kg (220 lbs.)

	No.
Hawa Porta 100 HMD/HMT Pocket Acoustics, for 1 door	30430

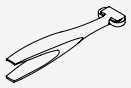
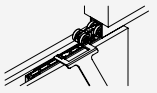
Set consisting of:

		30430	No.
	Running gear, ball bearing, rollers, plastic, white	2	057.3114.071
	SoftStop Hawa Porta Acoustics, with retention spring, plastic, gray	1	30472
	Stopper, with retention spring, plastic, gray	1	057.3073.072
	Adapter for running gear, for SoftStop, plastic, gray	1	30218
	Pan head screw, M3x8 mm (1/8"x5/16")	1	30359
	Hexagon head screw, M8x36 mm (5/16"x1 13/32"), steel, zinc-plated	1	042.0165.101
	Head cap screw, M8x35 mm (5/16"x1 3/8"), steel, zinc-plated	1	042.0175.001
	Cover cap, plastic, grey	1	600.0000.533
	Running gear holder, plastic, anthracite	2	042.0174.001
	Housing, steel, zinc-plated	2	042.0166.102
	Spacer, housing plastic anthracite	2	30361
	Cover cap set, plastic, anthracite, 4-piece set	1	30484
	Flat countersunk head chipboard screw, 4x50 mm (5/32"x1 31/32", steel, zinc-plated	8	30463

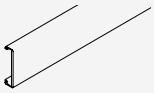
Running tracks

		mm (inch)	No.
	Running track, aluminum, anodized, pre-drilled	2,500 (8' 2 7/16")	057.3112.250
		3,500 (11' 5 25/32")	057.3112.350
		6,000 (19' 8 7/32")	057.3112.600
		cut to size	057.3112.990
	Running track, extended spacing of +9 mm (11/32") between door and wall, aluminum, anodized, pre-drilled	2,500 (8' 2 7/16")	30617
		6,000 (19' 8 7/32")	30618
		cut to size	30668
	Running track, extended spacing of +20 mm (25/32") between door and wall, aluminum, anodized, pre-drilled	2,500 (8' 2 7/16")	30619
		6,000 (19' 8 7/32")	30620
		cut to size	30669
	Disposable cover to running track Hawa Divido 100 / Hawa Porta 45/60/100, plastic, black	2,000 (6' 6 3/4 ")	057.3098.001
		cut to size	057.3098.990

Components for running tracks

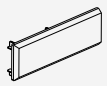
		No.
	Track cleaner, plastic, blue	057.3099.071
	Key for dismounting, steel, zinc-plated	042.3119.101

Panels

		mm (inch)	No.
	Clip-on panel, wall mounting, aluminum, anodized	2,500 (8' 2 7/16'')	057.3113.250
		3,500 (11' 5 25/32'')	057.3113.350
		6,000 (19' 8 7/32'')	057.3113.600
		cut to size	057.3113.990

Panel end component set, 95 mm (3 3/4''), can be shortened,, plastic, wall mounting

	No.
Panel end component set, with fixation clip, 95 mm (3 3/4''), plastic, anthracite	30485

Set consisting of:		30485	No.
	Panel end component, 95 mm (3 3/4"), plastic, anthracite, can be shortened	2	30133
	Fixation clip for wooden and aluminum panel, steel, zinc-plated	2	057.3126.101

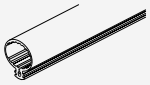
Sets left type (horizontal seal set)

		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
	Seal, Hawa Acoustics XXL, left	31482
	Seal, Hawa Acoustics XXXL, left	31484

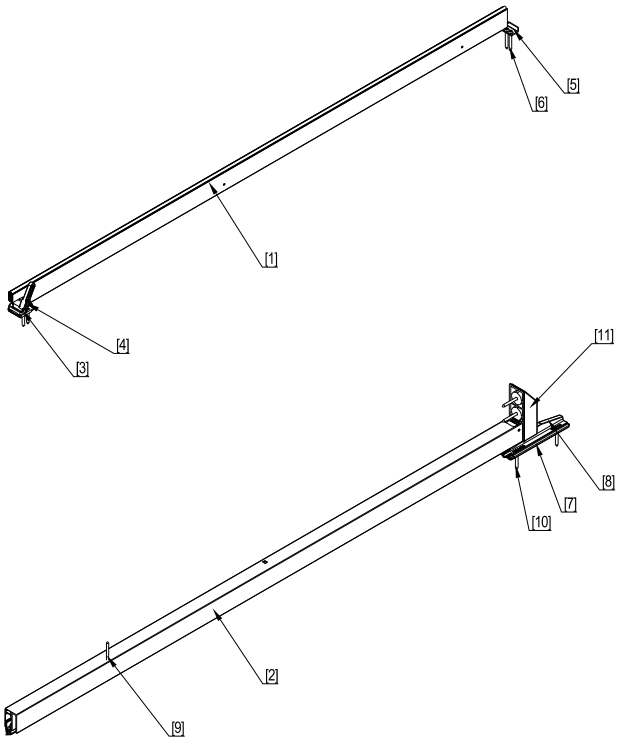
Sets right type (horizontal seal set)

		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
	Seal, Hawa Acoustics XXL, right	31481
	Seal, Hawa Acoustics XXXL, right	31483

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** Désignation Designation	**Anzahl** Numéro Number	**Typ** Type Type			
1	**Hubdichtung** Joint de levage Header seal	1	**Links/Rechts** Gauche/Droite Left/Right			
			XS	30454		
			S	30385		
			M	30455		
			L	30456		
			XL	30457		
			XXL	31568		
			XXXL	31571		
2	**Senkdichtung** Joint d'abaissement Floor seal	1	**Links** Gauche Left		**Rechts** Droite Right	
			XS	30446	XS	30447
			S	30387	S	30383
			M	30448	M	30449
			L	30450	L	30451
			XL	30452	XL	30453
			XXL	31569	XXL	31572
			XXXL	31570	XXXL	31573
3, 4, 5, 6	**Kleinteileset oben** Kit pour petites pièces, supérieur Small parts set top	1	**Links** Gauche Left	30390	**Rechts** Droite Right	30392
7, 8, 9, 10	**Kleinteileset unten** Kit pour petites pièces, inférieur Small parts set bottom	1	**Links** Gauche Left	30416	**Rechts** Droite Right	30417
11	**Pocketadapter** Adaptateur pour caisson à galandage Pocket adapter	1	**Links/Rechts** Gauche/Droite Left/Right	30418		

Definition left, right / door width calculation

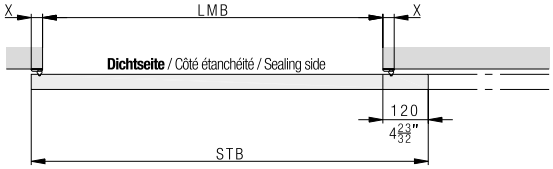
Left type (left hand lock)

Ganzöffnend
Ouverture complète
Fully opening

STB = LMB + X + 120

STB = LMB + X + 4 23/32"

X = Zargenmass 30 - 60
X = Dimension du cadre 30 - 60
X = Frame dimension 1 3/16" - 2 3/8"

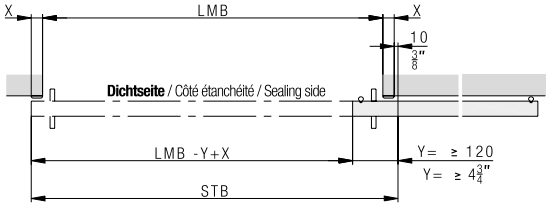


Teilöffnend
Ouverture partielle
Partially opening

STB = LMB + (2 * X) + 10

STB = LMB + (2 * X) + 1 13/32"

X = Zargenmass 30 - 60
X = Dimension du cadre 30 - 60
X = Frame dimension 1 3/16" - 2 3/8"



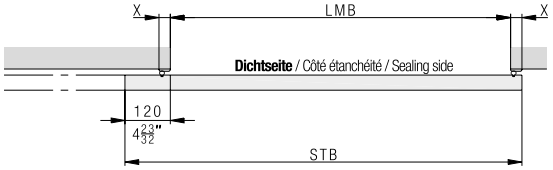
Right type (right hand lock)

Ganzöffnend
Ouverture complète
Fully opening

STB = LMB + X + 120

STB = LMB + X + 4 23/32"

X = Zargenmass 30 - 60
X = Dimension du cadre 30 - 60
X = Frame dimension 1 3/16" - 2 3/8"

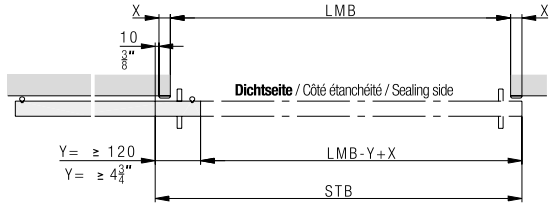


Teilöffnend
Ouverture partielle
Partially opening

STB = LMB + (2 * X) + 10

STB = LMB + (2 * X) + 1 13/32"

X = Zargenmass 30 - 60
X = Dimension du cadre 30 - 60
X = Frame dimension 1 3/16" - 2 3/8"



Acoustics set determination

Ganzöffnend
Ouverture complète
Fully opening

	LMB			
X	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 - 1280	1140 - 1270	1130 - 1260	1120 - 1250
Hawa Acoustics XXL	1280 - 1400	1270 - 1390	1260 - 1380	1250 - 1370
Hawa Acoustics XXXL	1400 - 1500	1390 - 1500	1380 - 1500	1370 - 1500

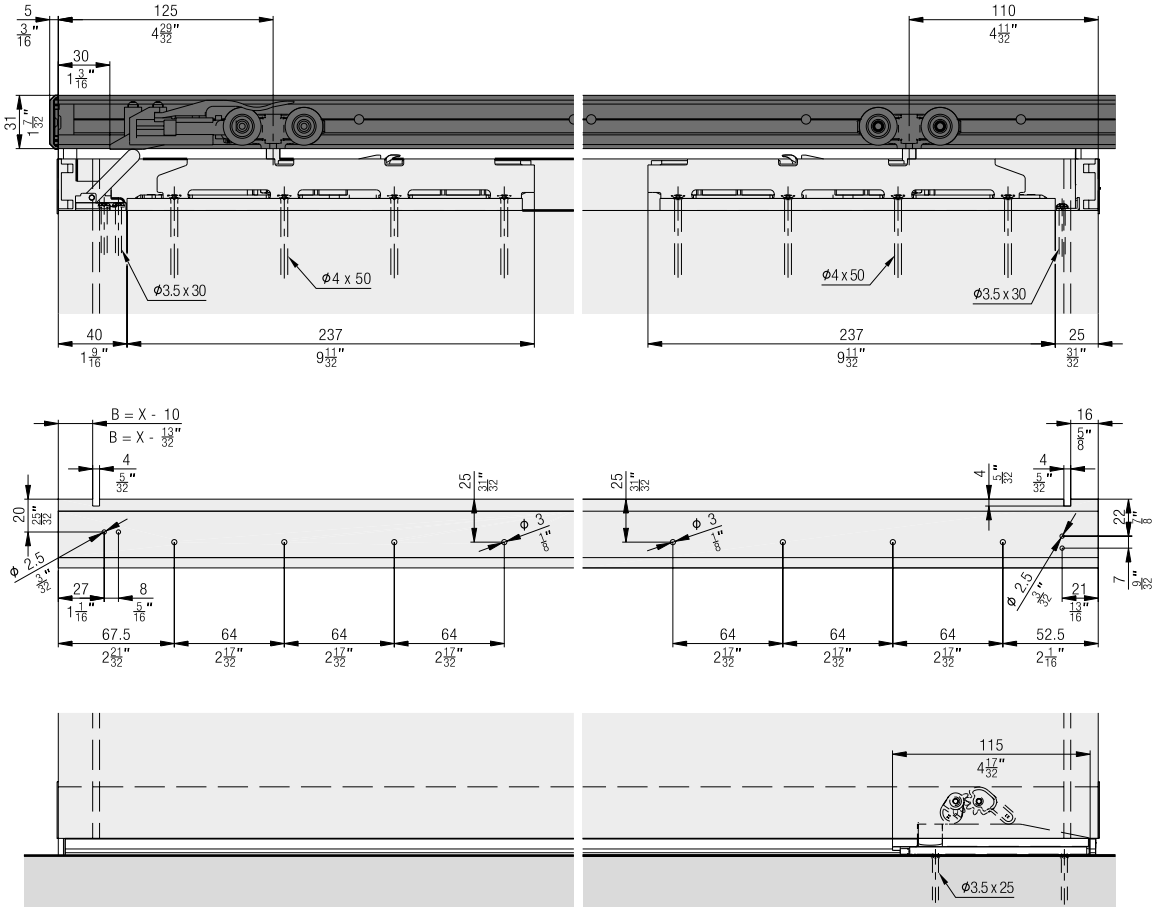
	LMB			
X	1 3/16"	1 9/16"	1 31/32"	2 3/8"
Hawa Acoustics XS	2'5 17/32" - 2'6 23/32"	2'5 17/32" - 2'6 5/16"	2'5 17/32" - 2'5 29/32"	2'5 17/32"
Hawa Acoustics S	2'6 23/32" - 2'11 7/16"	2'6 5/16" - 2'11 1/32"	2'5 29/32" - 2'10 21/32"	2'5 17/32" - 2'10 1/4"
Hawa Acoustics M	2'11 7/16" - 3'4 9/16"	2'11 1/32" - 3'4 5/32"	2'10 21/32" - 3'3 3/4"	2'10 1/4" - 3'3 3/8"
Hawa Acoustics L	3'4 9/16" - 3'9 9/32"	3'4 5/32" - 3'8 7/8"	3'3 3/4" - 3'8 1/2"	3'3 3/8" - 3'8 3/32"
Hawa Acoustics XL	3'9 9/32" - 4'2 13/32"	3'8 7/8" - 4'2	3'8 1/2" - 4'1 19/32"	3'8 3/32" - 4'1 7/32"
Hawa Acoustics XXL	4'2 13/32" - 4'7 1/8"	4'2 - 4'6 23/32"	4'1 19/32" - 4'6 11/32"	4'1 7/32" - 4'5 15/16"
Hawa Acoustics XXXL	4'7 1/8" - 4'11 1/16"	4'6 23/32" - 4'11 1/16"	4'6 11/32" - 4'11 1/16"	4'5 15/16" - 4'11 1/16"

Teilöffnend
Ouverture partielle
Partially opening

	LMB			
X	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 - 1370	1220 - 1350	1200 - 1330	1180 - 1310
Hawa Acoustics XXL	1370 - 1490	1350 - 1470	1330 - 1450	1310 - 1430
Hawa Acoustics XXXL	1490 - 1500	1470 - 1500	1450 - 1500	1430 - 1500

	LMB			
X	1 3/16"	1 9/16"	1 31/32"	2 3/8"
Hawa Acoustics XS	2'5 17/32" - 2'10 1/4"	2'5 17/32" - 2'9 15/32"	2'5 17/32" - 2'8 11/16"	2'5 17/32" - 2'7 7/8"
Hawa Acoustics S	2'10 1/4" - 3'2 31/32"	2'9 15/32" - 3'2 3/16"	2'8 11/16" - 3'1 13/32"	2'7 7/8" - 3' 5/8"
Hawa Acoustics M	3'2 31/32" - 3'8 3/32"	3'2 3/16" - 3'7 5/16"	3'1 13/32" - 3'6 17/32"	3' 5/8" - 3'5 23/32"
Hawa Acoustics L	3'8 3/32" - 4' 13/16"	3'7 5/16" - 4' 1/32"	3'6 17/32" - 3'11 1/4"	3'5 23/32" - 3'10 15/32"
Hawa Acoustics XL	4' 13/16" - 4'5 15/16"	4' 1/32" - 4'5 5/32"	3'11 1/4" - 4'1 7/32"	3'10 15/32" - 4'3 9/16"
Hawa Acoustics XXL	4'5 15/16" - 4'10 21/32"	4'5 5/32" - 4'9 7/8"	3'6 17/32" - 3'11 1/4"	4'3 9/16" - 4'8 5/16"
Hawa Acoustics XXXL	4'10 21/32" - 4'11 1/16"	4'9 7/8" - 4'11 1/16"	4'9 3/32" - 4'11 1/16"	4'8 5/16" - 4'11 1/16"

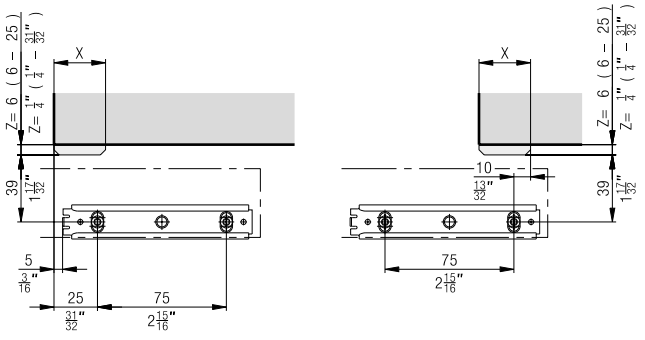
Partially opening view



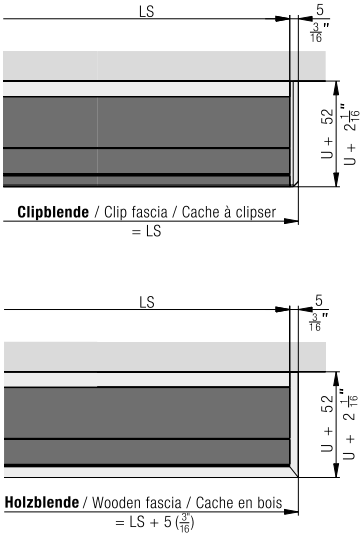
Bottom guide assembly detail

Ganzöffnend
Ouverture complète
Fully opening

Teilöffnend
Ouverture partielle
Partially opening



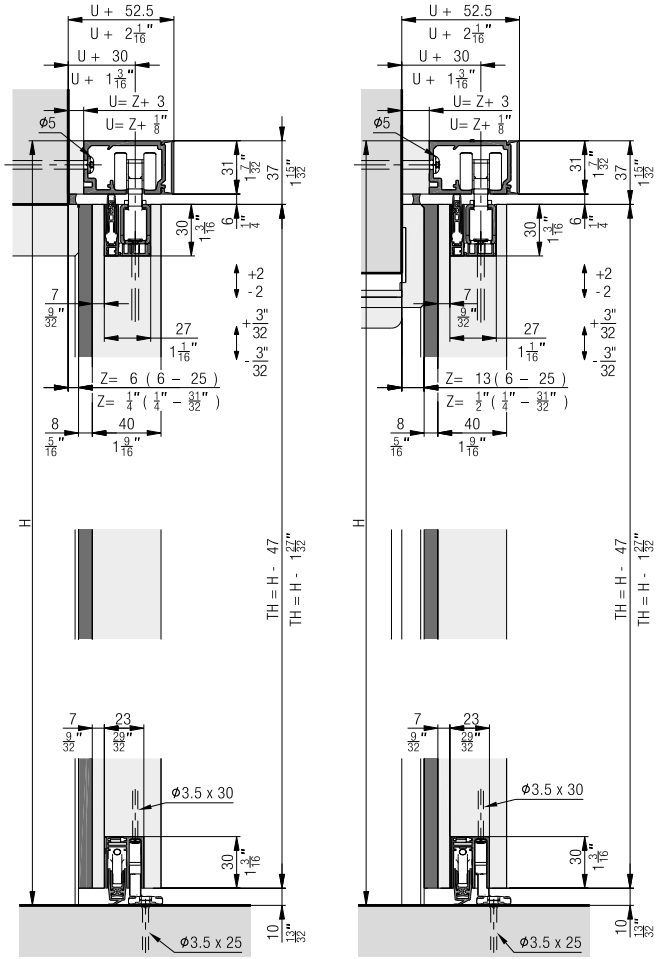
Calculations of panels



Clipblende / Clip fascia / Cache à clipser
= LS

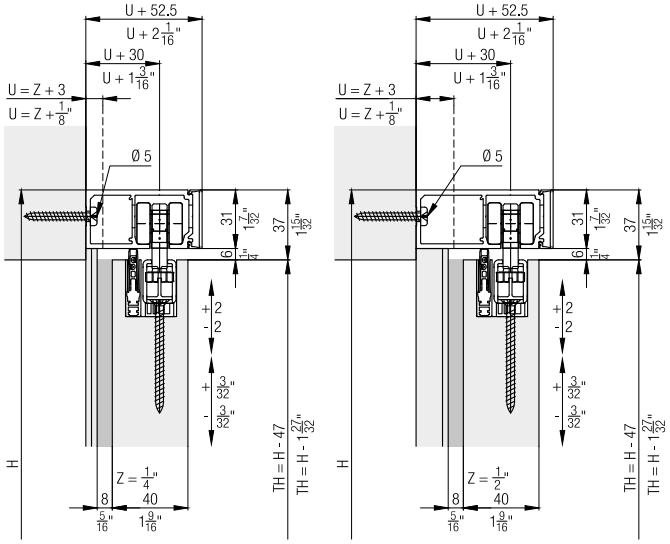
Holzblende / Wooden fascia / Cache en bois
= LS + 5 ($\frac{3}{16}$)

Block frame / closed frame details



Further installation examples

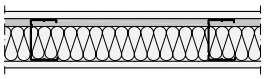
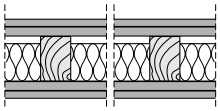
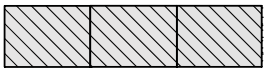
Wall mounting rails with extended spacing of +9 mm/+20 mm (11/32''/25/32'') between door and wall.



Room-to-room sound attenuation

All reference values have been measured on the basis of a practical design. The Rw 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 / Rw 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
				Rw
Wall with minimum acoustic rating of Rw 52 dB	without Hawa Acoustics	39 mm	Single door leaf without sealing system	≈ 18 dB
Lightweight construction wall with metal stand 	Hawa Porta 60 HMD Acoustics Hawa Porta 100 HMD Acoustics		Single door leaf, approx. 19 kg/m² acoustic rating of Rw 29 dB	≈ 31 dB
			Chipboard, approx. 25 kg/m² No defined acoustic rating	≈ 30 dB
			Door leaf with medium sound attenuation level approx. 25 kg/m², acoustic rating of Rw 39 dB	≈ 34 dB
Lightweight construction wall with wooden stand 	Hawa Junior 100 B Acoustics Hawa Porta 60 HMD Acoustics Hawa Porta 100 HMD Acoustics	44 mm	Single door leaf, approx. 20 kg/m² acoustic rating of Rw 29 dB	≈ 30 dB
			Door leaf with medium sound attenuation level approx. 28 kg/m², acoustic rating of Rw 40 dB	≈ 34 dB
	Hawa Junior 100 B Acoustics	50 mm	Door leaf with high sound attenuation level approx. 33 kg/m², acoustic rating of Rw 42 dB	≈ 35 dB
Solid wall 	without Hawa Acoustics	39 mm	Single door leaf without sealing system	≈ 20 dB
	Hawa Porta 60 HMT Pocket Acoustics Hawa Porta 100 HMT Pocket Acoustics		Single door leaf, approx. 19 kg/m², acoustic rating of Rw 29 dB	≈ 31 dB
			Door leaf with medium sound attenuation level approx. 25 kg/m², acoustic rating of Rw 39 dB	≈ 37 dB
Acoustic ratings for wall construction according to manufacturer. The acoustic values may vary if installed in different wall types.	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/m² acoustic rating of Rw 29 dB	≈ 32 dB
			Door leaf with medium sound attenuation level approx. 28 kg/m², acoustic rating of Rw 40 dB	≈ 39 dB
	Hawa Junior 100 B Pocket Acoustics	50 mm	Door leaf with high sound attenuation level approx. 33 kg/m², acoustic rating of Rw 42 dB	≈ 41 dB

Planning/execution
Further information about the product can be found on www.hawa.com.