



SOLO

Concealed Runners for wood drawers



Blum, Inc. is a leading manufacturer of functional hardware for the kitchen cabinet and commercial casegoods industries specializing in concealed hinges, drawer runner systems and lift systems. Virtually all of the hardware needed to assemble and make cabinets functional are available within the wide range of quality Blum products.

Blum's manufacturing and distribution complex in Stanley, North Carolina supplies the North American markets through a network of more than 150 dependable distributors. Wholly owned by the Blum family, the company was formed in 1952 by Julius Blum and is headquartered in Hoechst, Austria.

Global customer benefits

Product development at Blum considers all of the various customers who will come in contact with our products.

With this "Global Customer Benefits" philosophy we strive to create advantages for all users from the cabinetmaker to the end consumer.



Blum, Inc. is ISO 9001 certified which means that you are assured of consistent quality in every

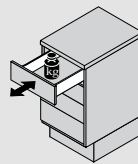
Blum product. What's more they exceed the requirements of ANSI-BHMA standards for cycle life, static load and self-closing performance. Contact your local Blum representative for more details.

Application Chart							Page
	Drawer Thickness		Cabinet type		Load Capacity		
	5/8"	3/4"	Frame	Panel	Dynamic	Static	
SOLO 262H	●		●		75 lb.	100 lb.	6
SOLO 262.	●			●	75 lb.	100 lb.	8
SOLO 262F		●	●		75 lb.	100 lb.	10
General specifications							4
SOLO / TANDEM interchangeability							5
Bottom mount applications							12
Accessories							12
Notes							13

Blum testing criteria

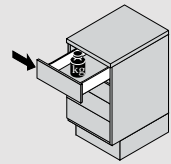
Cycle life / Dynamic load capacity test

100,000 open/close cycles with a total weight of **34kg (75 lb.)** on a **533mm (21")** drawer.



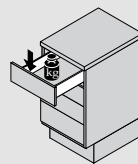
Side pressure test

A force of **15kg (33 lb.)** is applied ten times to a fully extended **533mm (21")** drawer.



Static load capacity test

45.3kg (100 lb.) applied to a half extended **533mm (21")** drawer for 1 minute.



SOLO drawer runners exceed ANSI/BHMA requirements for a Grade 1 rating.

SOLO - The economical concealed drawer runner

Hidden simplicity

Because SOLO runners are concealed beneath the drawer, exposed dovetail joinery - a mark of quality drawer construction - is in full, unobstructed view. Whatever design your casework has on the outside, easy-to-install SOLO is the ideal runner to complete the inside.

Self-closing action

BLUMATIC self-closing action is an important feature for the homeowner. The drawers easily self-close 1-1/4" from the cabinet.

Capacity and longevity

The multi-channeled profiles and self-lubricating synthetic rollers enable SOLO runners to carry substantial loads over a cycle life that exceeds ANSI/BHMA industry standards.

* Warranty conditions and ANSI/BHMA independent test results available from your Blum distributor or by contacting Blum at 1-800-438-6788.



SOLO general specifications

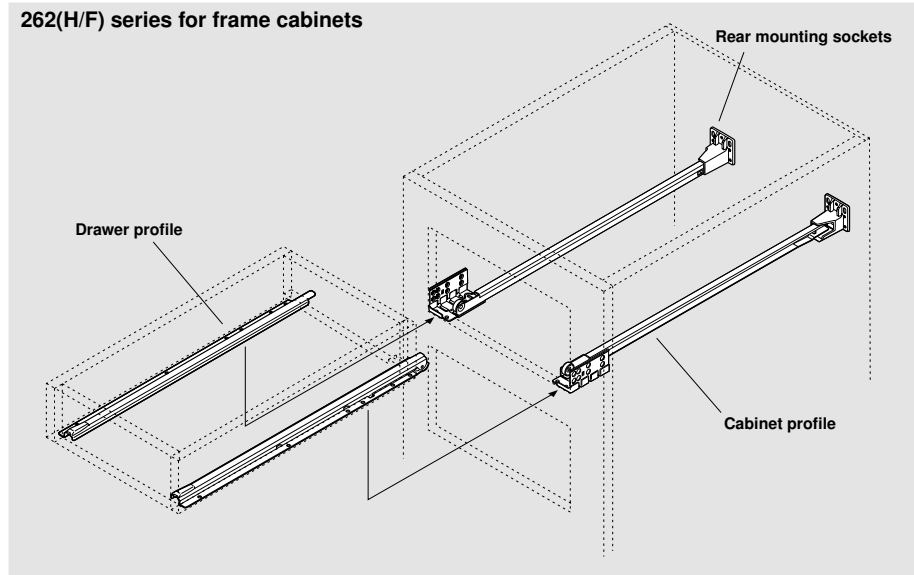
SOLO for frame cabinets

The 262(H/F) series cabinet profiles have integral front brackets for frame mounting and use rear sockets for rear attachment. They are designed to work with the standardized American face-frame cabinet depths of: 24", 21", 18", 15" and 12". The synthetic rear mounting sockets self-align the drawer and are screwed to the cabinet back.

SOLO for panel cabinets

The cabinet profiles of the SOLO 262. series have integral front and rear brackets that attach to the side or bottom of a cabinet. The mounting holes in these brackets are in a 32mm pattern, front-to-back, to work in system cabinets.

262(H/F) series for frame cabinets



General specifications

Cabinet and drawer profiles

- Cream color, epoxy-coated steel, force guided on right, tolerance on left.
- Self-closing action on all profiles.
- Positive lift-over stop for drawer removal.
- Runners attach to the drawer bottom with wood screws.

Rollers

- Synthetic, self-lubricating on tempered steel axles.

Rear mount sockets

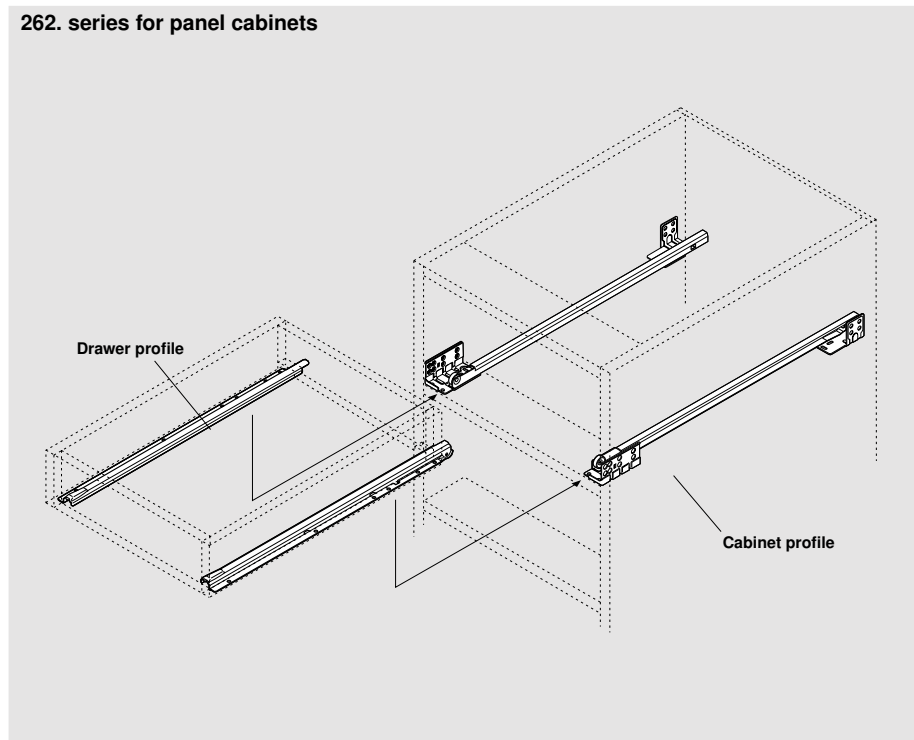
- Synthetic, self-aligning side-to-side, height and depth adjustable.

Weight capacities*

- 75 lbs **Dynamic** for 100,000 open/close cycles
- 100 lbs **Static** applied to half extended drawer

* As per ANSI/BHMA 156.9-1994 specifications on a 21" length drawer.

262. series for panel cabinets



Series compatibility

Both SOLO series are designed with identical drawer width and height specifications. This makes it possible to mix SOLO runner series in the same cabinet with the same drawer size. The prime example is a bottom mounted roll-out tray in a frame cabinet.

System compatibility

SOLO is engineered to be compatible with Blum's TANDEM. This permits an upgrade from SOLO to TANDEM (including TANDEM plus full extension series) without changing drawer specifications. (see page 5)

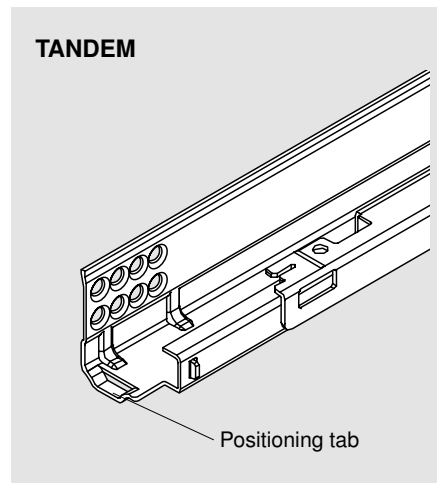
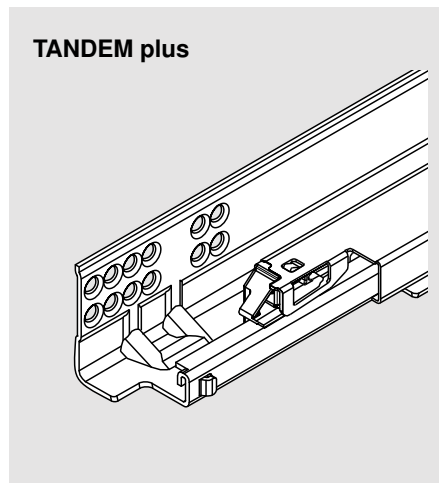
SOLO / TANDEM interchangeable drawer runners

Height compatible drawer runner systems

The full extension TANDEM plus series runner establishes the standard height used for the concealed runners.

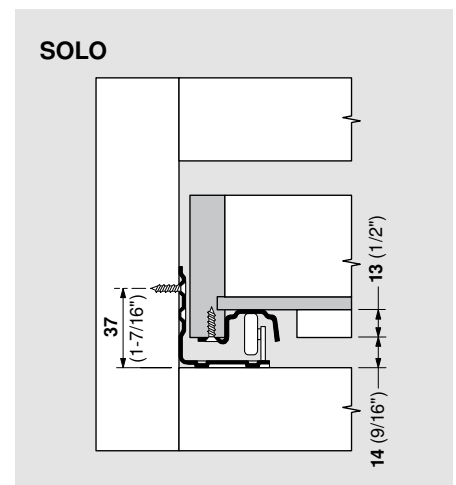
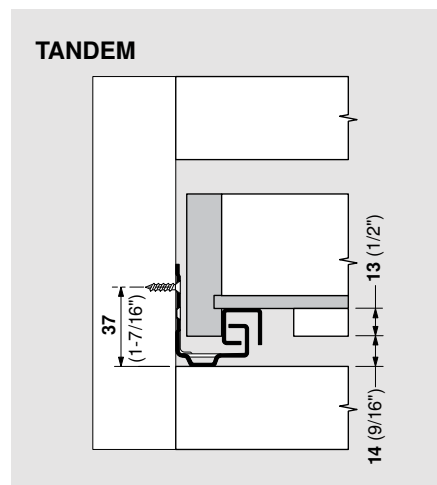
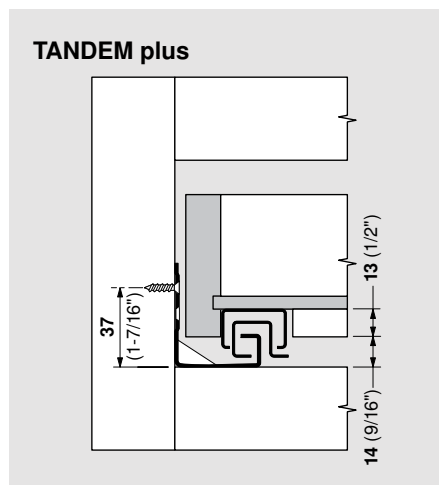
The standard extension TANDEM series runner has a stamped positioning tab that raises the mounting holes up to the same height as the TANDEM plus.

The standard extension SOLO series runner has a positioning dimple that raises the mounting holes up to the same height as the TANDEM and TANDEM plus.

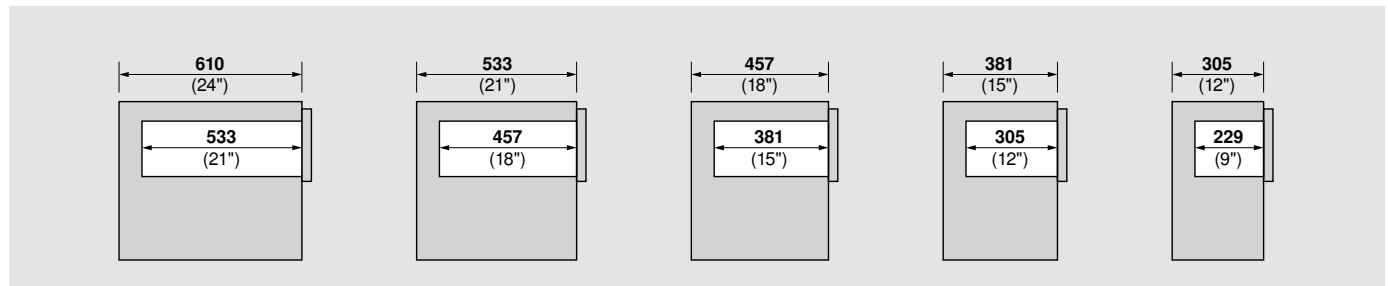


Standard mounting position

The standard mounting position of the concealed runner series gives each runner an identical mounting position in the cabinet and allows for identical drawer box positioning in the cabinet opening. The standard mounting position allows for simple interchangeability.



The TANDEM and SOLO series runner systems are based on the standard 3" cabinet system, therefore the runner lengths come in 3" increments.

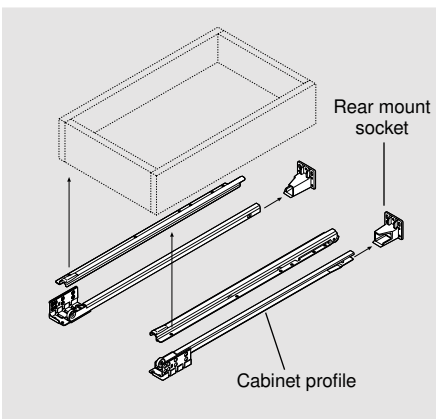


SOLO 262H concealed drawer runners

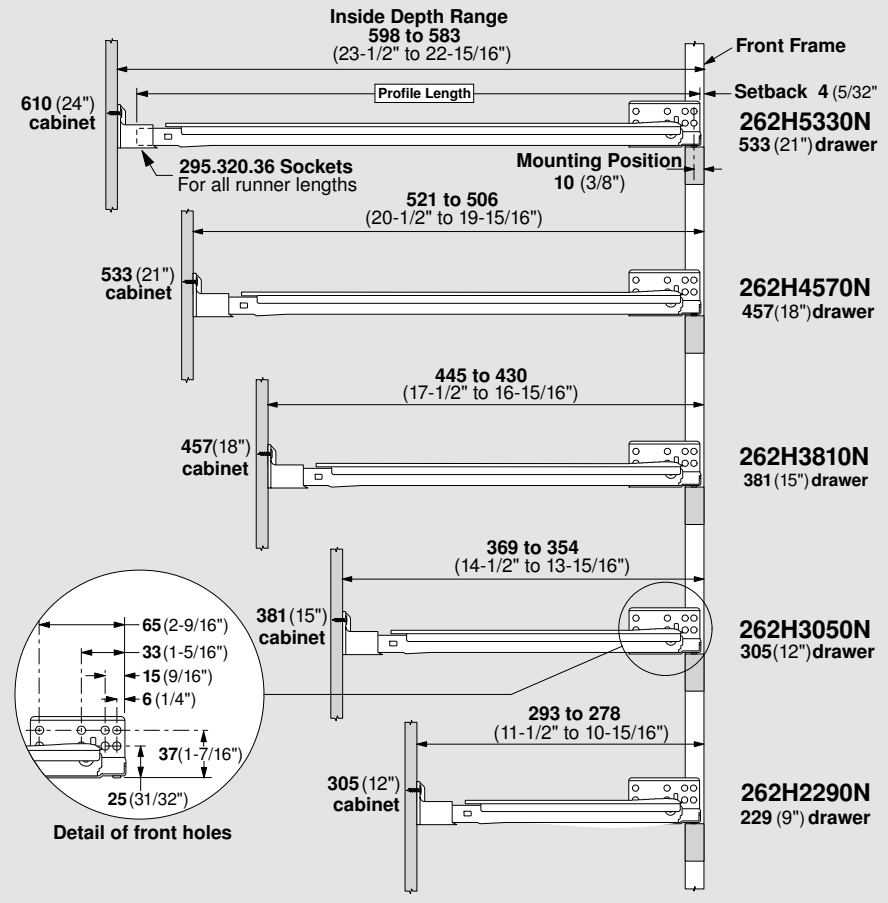


Single extension runner system

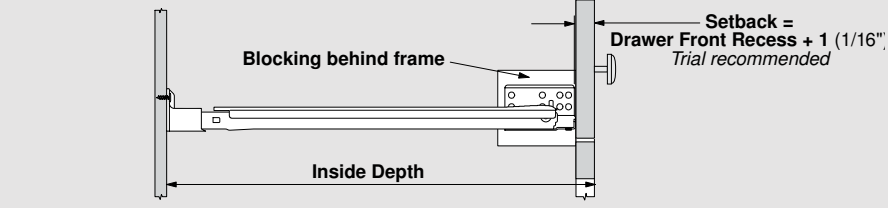
- For use in frame cabinets.
- For 5/8" maximum drawer side thickness.
- Cream color, epoxy-coated steel profiles.
- Force guided right side and +/- 1/16" tolerance compensating left side.
- Self-closing action on all profiles.
- Positive lift-over stop for drawer removal.
- **34 kg (75 lb.)** Dynamic weight capacity.
- **45 kg (100 lb.)** Static weight capacity.



Overlay applications



Inset applications



Runner Part No.	Cabinet Depth	Inside Depth		Drawer Length	Drawer Thk.	Extension Loss	Cabinet Profile Length
		Maximum	Minimum				
262H5330N	610 (24")	598 (23-9/16")	583 (22-15/16")	533 (21")	16 (5/8") max.	116 (4-9/16")	571 (22-1/2")
262H4570N	533 (21")	521 (20-9/16")	506 (19-15/16")	457 (18")		106 (4-3/16")	494 (19-1/2")
262H3810N	457 (18")	445 (17-9/16")	430 (16-15/16")	381 (15")		96 (3-3/4")	418 (16-1/2")
262H3050N	381 (15")	369 (14-9/16")	354 (13-15/16")	305 (12")		86 (3-3/8")	342 (13-1/2")
262H2290N	305 (12")	293 (11-9/16")	278 (10-15/16")	229 (9")		74 (2-15/16")	266 (10-1/2")
Inset application runners							
262H5330N05	610 (24")	Variable based on application <i>Trial recommended</i>		533 (21")		Variable based on application	553 (21-3/4")
262H4570N05	533 (21")			457 (18")			476 (18-3/4")

Installation components

- 295.320.36 Rear mount socket
- 612TH #6 x 1/2" Truss head screw

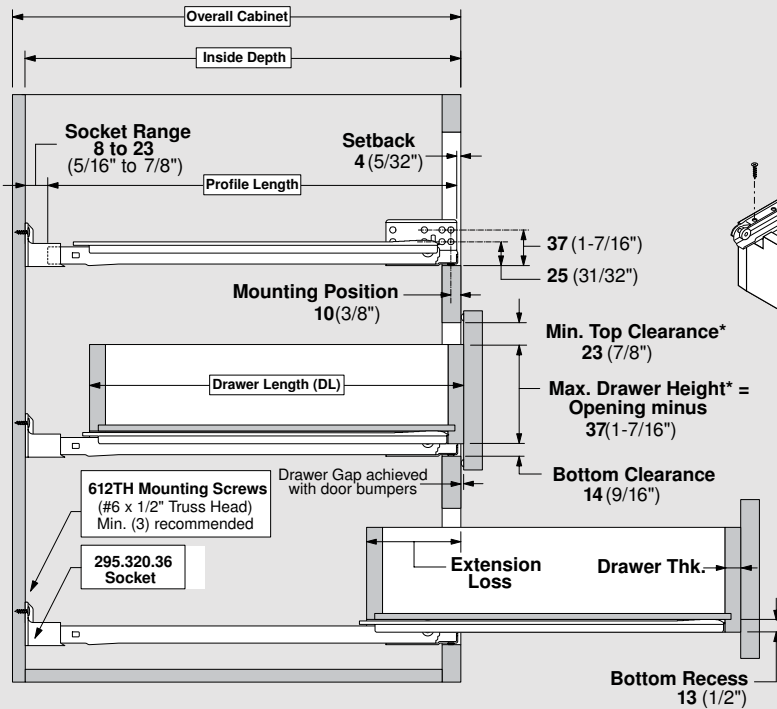
- 606N #6 x 5/8" Flat head screw
- 6064N #6 x 3/4" Flat head screw

- 707N #7 x 5/8" Flat head screw

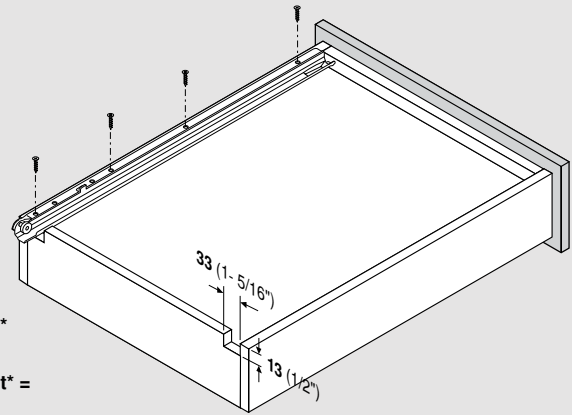


SOLO 262H specifications

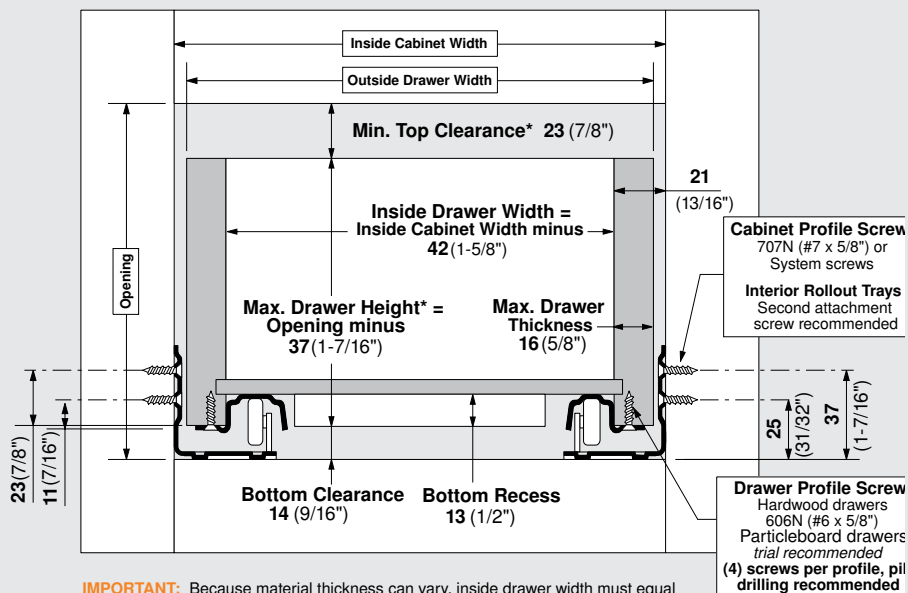
Drawer and cabinet specifications



Drawer shown ready for SOLO drawer profiles



Drawer size and position in opening



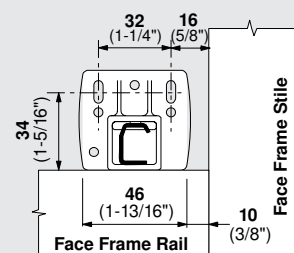
IMPORTANT: Because material thickness can vary, inside drawer width must equal inside cabinet width minus 42 (1-5/8") for drawer to align and run properly.

Calculating outside drawer width

For drawer thickness	16 (5/8")	14 (9/16")	13 (1/2")
Deduct from inside cabinet width	10 (3/8")	14 (9/16")	16 (5/8")

* Max. Drawer Height and Min. Top Clearance are based on ability to remove drawer straight and without tilting. Smaller top clearances can be achieved with a shorter drawer or if drawer tilting is acceptable. Trial is recommended.

Rear mount socket position

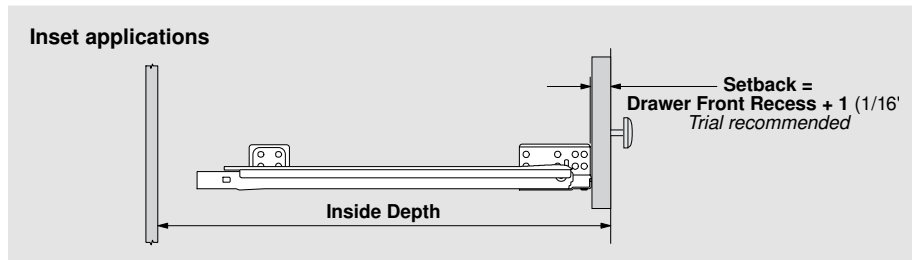
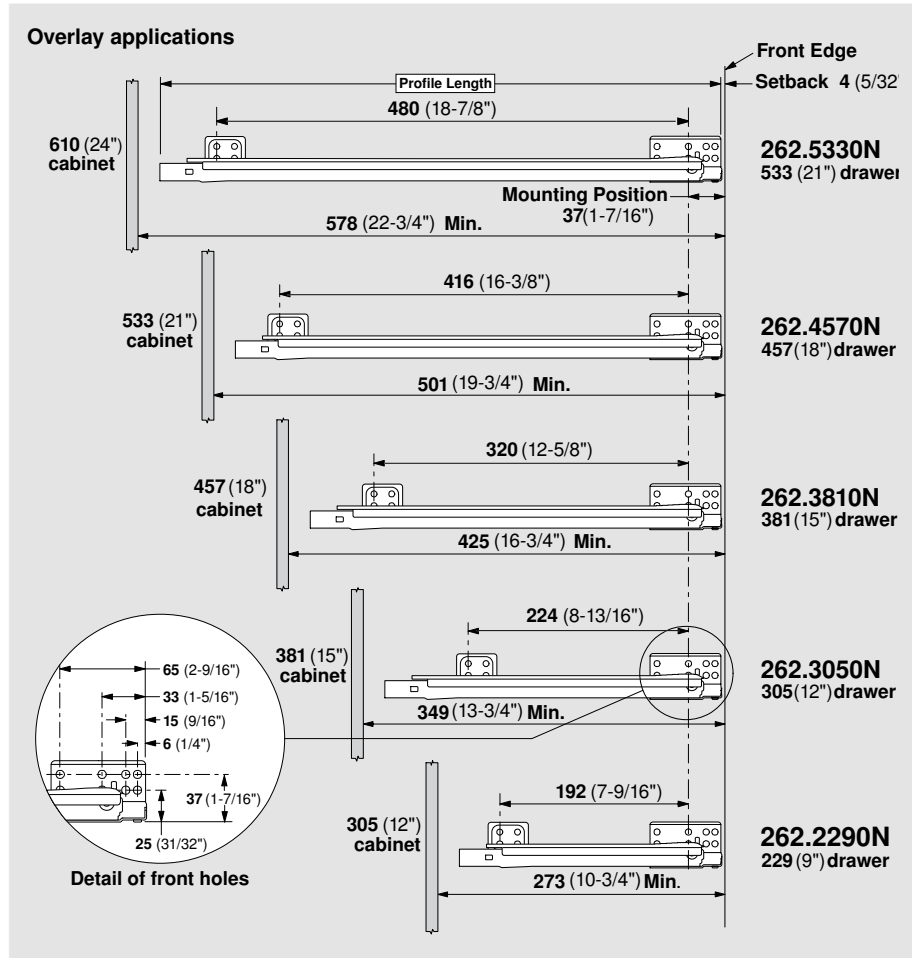
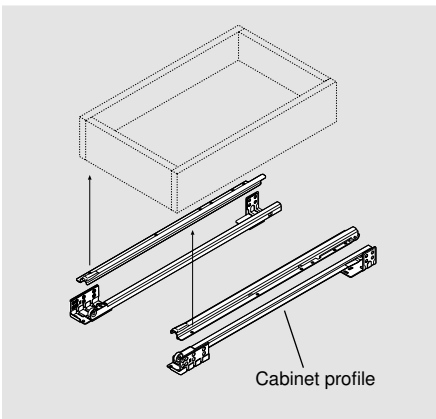


SOLO 262. concealed drawer runners



Single extension runner system

- For use in panel cabinets.
- For 5/8" maximum drawer side thickness.
- Cream color, epoxy-coated steel profiles.
- Force guided right side and +/- 1/16" tolerance compensating left side.
- Self-closing action on all profiles.
- Positive lift-over stop for drawer removal.
- **34 kg (75 lb.)** Dynamic weight capacity.
- **45 kg (100 lb.)** Static weight capacity.



Runner Part No.	Cabinet Depth	Minimum Inside Depth	Drawer Length	Drawer Thk.	Extension Loss	Profile Length
262.5330N	610 (24")	578 (22-3/4")	533 (21")	16 (5/8") max.	116 (4-9/16")	571 (22-1/2")
262.4570N	533 (21")	501 (19-3/4")	457 (18")		106 (4-3/16")	494 (19-1/2")
262.3810N	457 (18")	425 (16-3/4")	381 (15")		96 (3-3/4")	418 (16-1/2")
262.3050N	381 (15")	349 (13-3/4")	305 (12")		86 (3-3/8")	342 (13-1/2")
262.2290N	305 (12")	273 (10-3/4")	229 (9")		74 (2-15/16")	266 (10-1/2")
Inset application runners						
262.5330N05	610 (24")	Variable based on application	533 (21")		Variable based on application	553 (21-3/4")
262.4570N05	533 (21")	Trial recommended	457 (18")			476 (18-3/4")

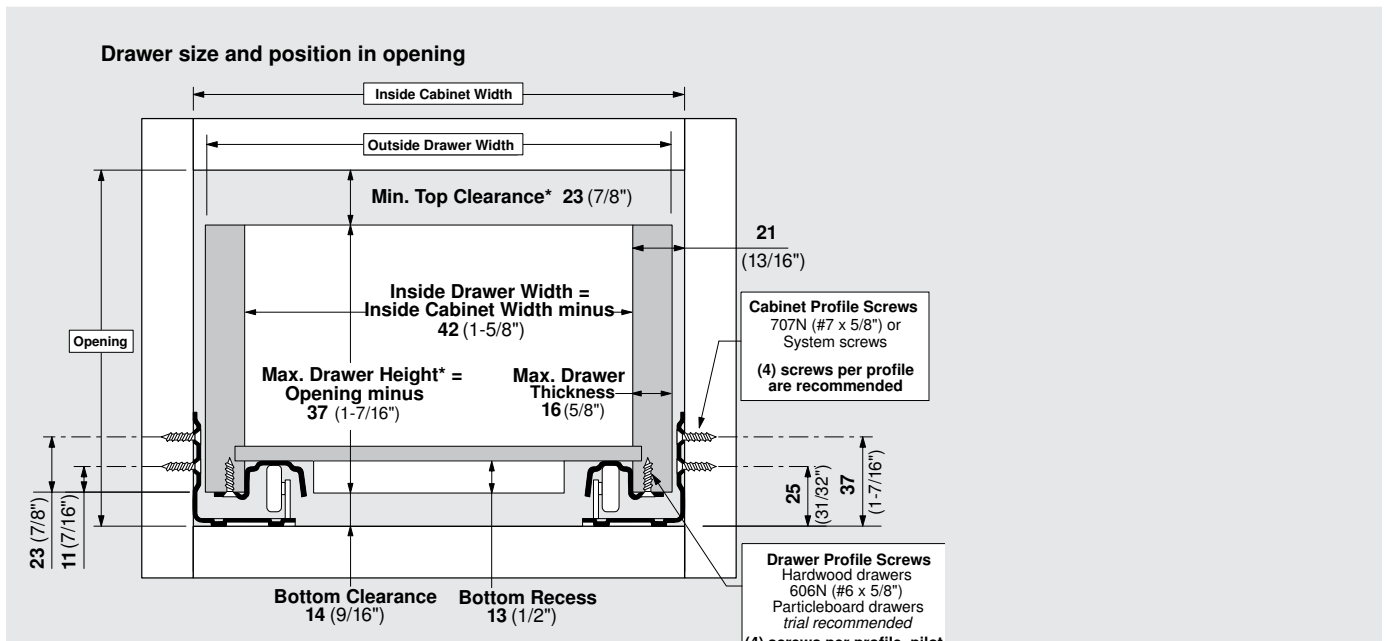
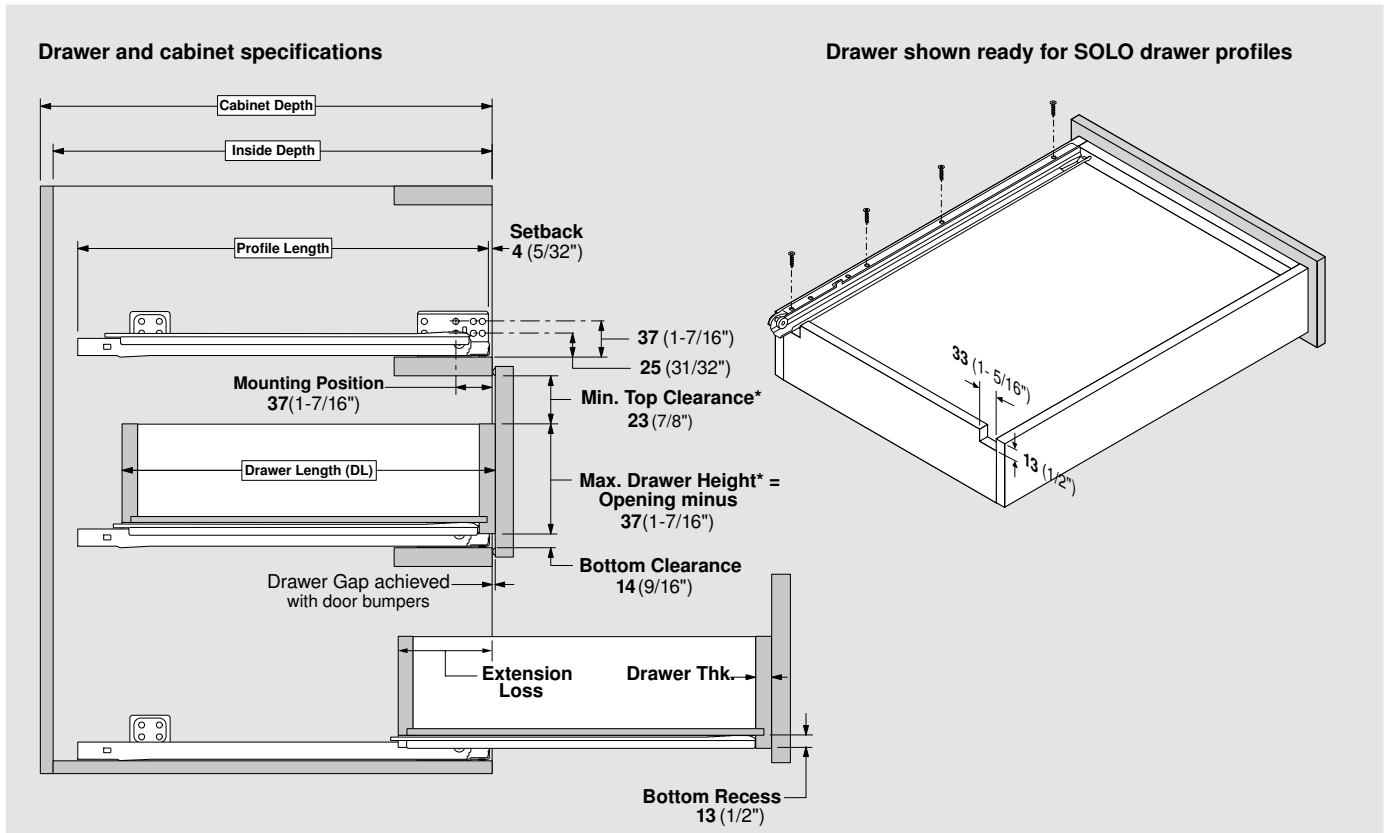
Installation components

- 661.1300.HG Ø5 x 13mm system screw
- 606N #6 x 5/8" Flat head screw

- 6064N #6 x 3/4" Flat head screw
- 707N #7 x 5/8" Flat head screw



SOLO 262. specifications



IMPORTANT: Because material thickness can vary, inside drawer width must equal inside cabinet width minus 42 (1-5/8") for drawer to align and run properly.

Calculating outside drawer width

For drawer thickness	16 (5/8")	14 (9/16")	13 (1/2")
Deduct from inside cabinet width	10 (3/8")	14 (9/16")	16 (5/8")

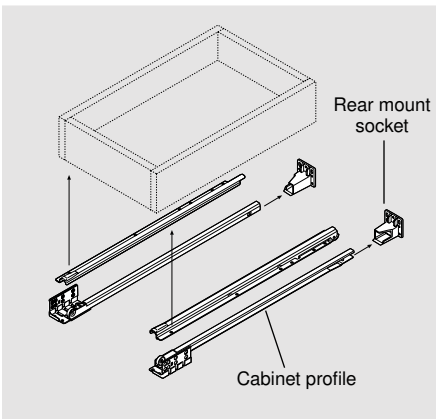
* Max. Drawer Height and Min. Top Clearance are based on ability to remove drawer straight and without tilting. Smaller top clearances can be achieved with a shorter drawer or if drawer tilting is acceptable. Trial is recommended.

SOLO 262F concealed drawer runners

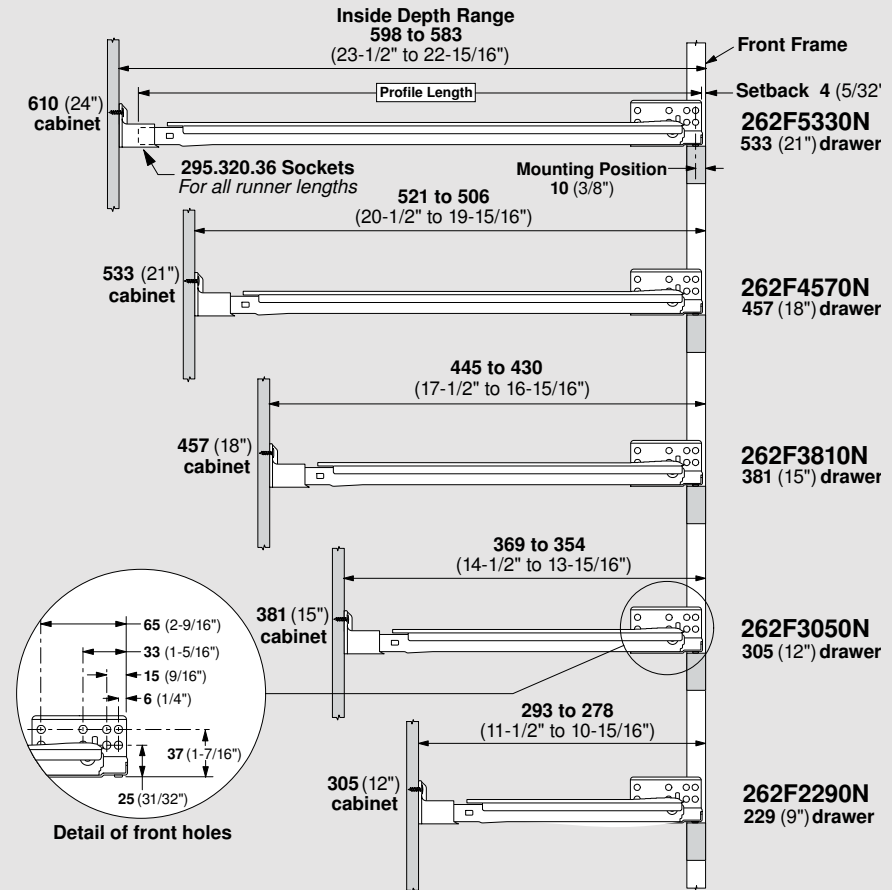


Single extension runner system

- For use in frame cabinets.
- For 3/4" maximum drawer side thickness.
- Cream color, epoxy-coated steel profiles.
- Force guided right side and +/- 1/16" tolerance compensating left side.
- Self-closing action on all profiles.
- Positive lift-over stop for drawer removal.
- **34 kg (75 lb.)** Dynamic weight capacity.
45 kg (100 lb.) Static weight capacity.



Overlay applications



Runner Part No.	Cabinet Depth	Inside Depth		Drawer Length	Drawer Thk.	Extension Loss	Cabinet Profile Length
		Maximum	Minimum				
262F5330N	610 (24")	598 (23-9/16")	583 (22-15/16")	533 (21")	19 (3/4") max.	113 (4-7/16")	571 (22-1/2")
262F4570N	533 (21")	521 (20-9/16")	506 (19-15/16")	457 (18")		103 (4-1/16")	494 (19-1/2")
262F3810N	457 (18")	445 (17-9/16")	430 (16-15/16")	381 (15")		93 (3-11/16")	418 (16-1/2")
262F3050N	381 (15")	369 (14-9/16")	354 (13-15/16")	305 (12")		83 (3-1/4")	342 (13-1/2")
262F2290N	305 (12")	293 (11-9/16")	278 (10-15/16")	229 (9")		71 (2-13/16")	266 (10-1/2")

Installation components

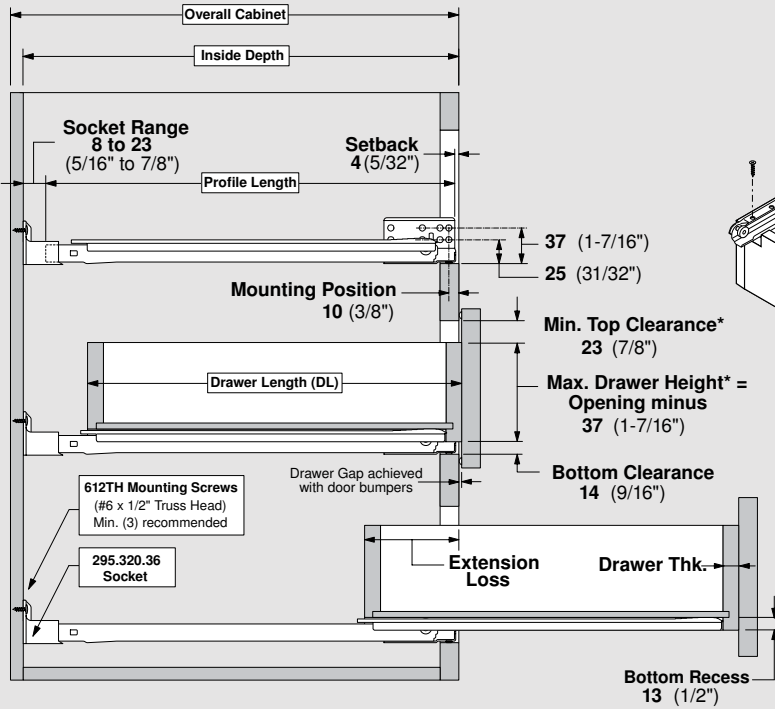
295.320.36 Rear mount socket
612TH #6 x 1/2" Truss head screw

606N #6 x 5/8" Flat head screw
6064N #6 x 3/4" Flat head screw

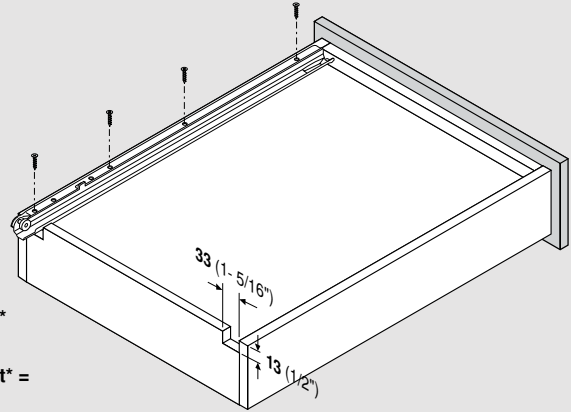
707N #7 x 5/8" Flat head screw

SOLO 262F specifications

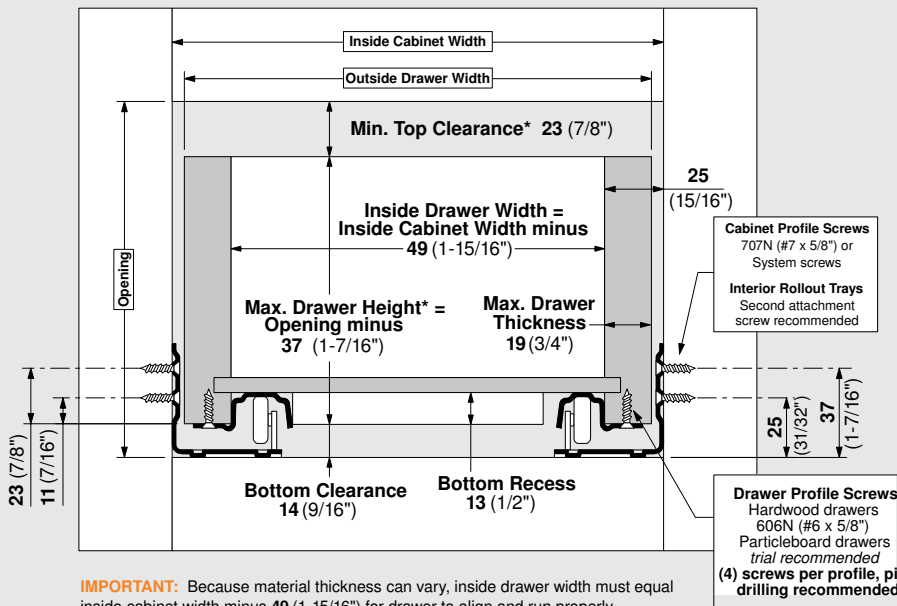
Drawer and cabinet specifications



Drawer shown ready for SOLO drawer profiles



Drawer size and position in opening



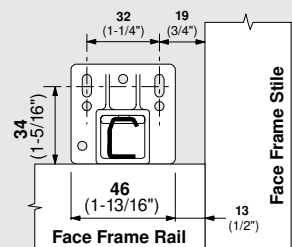
IMPORTANT: Because material thickness can vary, inside drawer width must equal inside cabinet width minus 49 (1-15/16") for drawer to align and run properly.

Calculating outside drawer width

For drawer thickness	19 (3/4")	17.5 (11/16")	16 (5/8")
Deduct from inside cabinet width	11 (7/16")	14 (9/16")	17 (21/32")

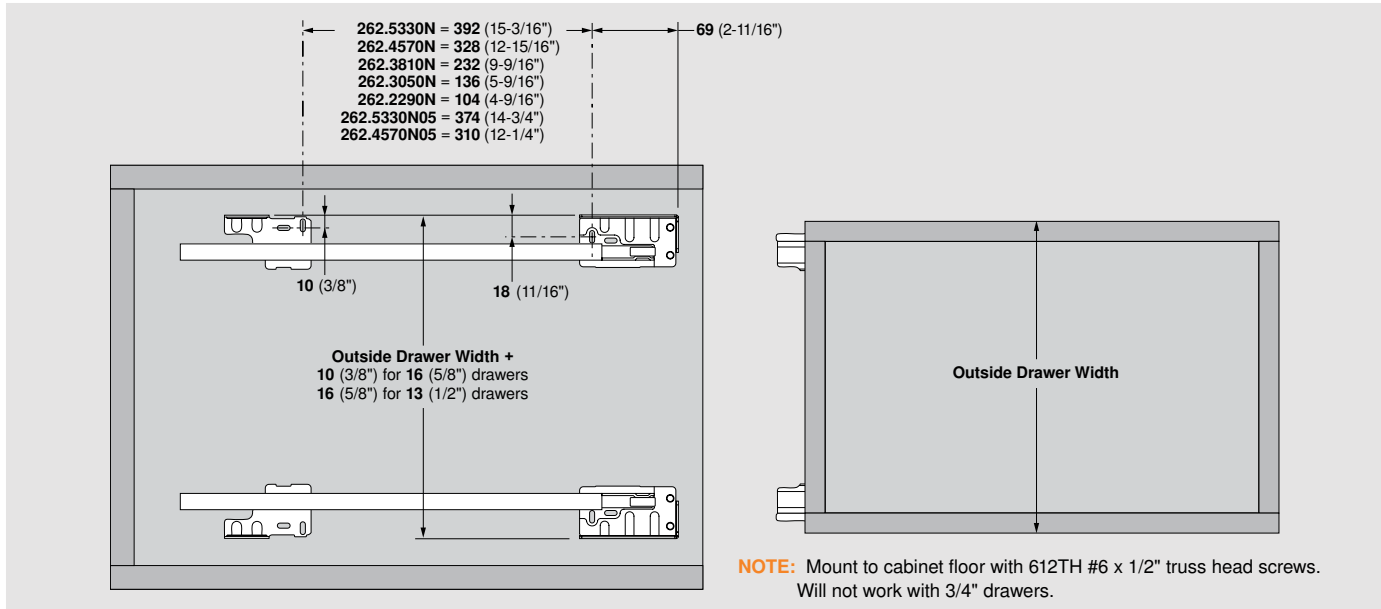
* Max. Drawer Height and Min. Top Clearance are based on ability to remove drawer straight and without tilting. Smaller top clearances can be achieved with a shorter drawer or if drawer tilting is acceptable. Trial is recommended.

Rear mount socket position



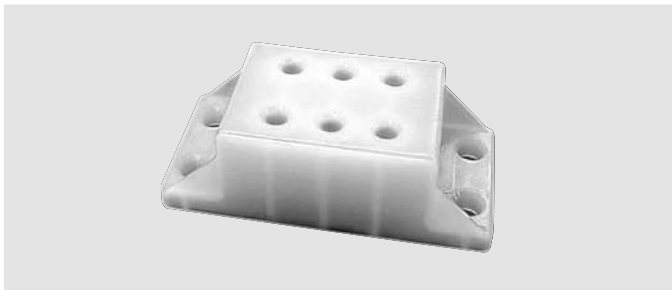


Specifications for roll-out trays with 262. runners



SOLO accessories

SOLO side spacer



- For spacing out SOLO runners from the cabinet side for clearance on interior roll-out trays
- Can be used with all 262H/F and 262. runner lengths

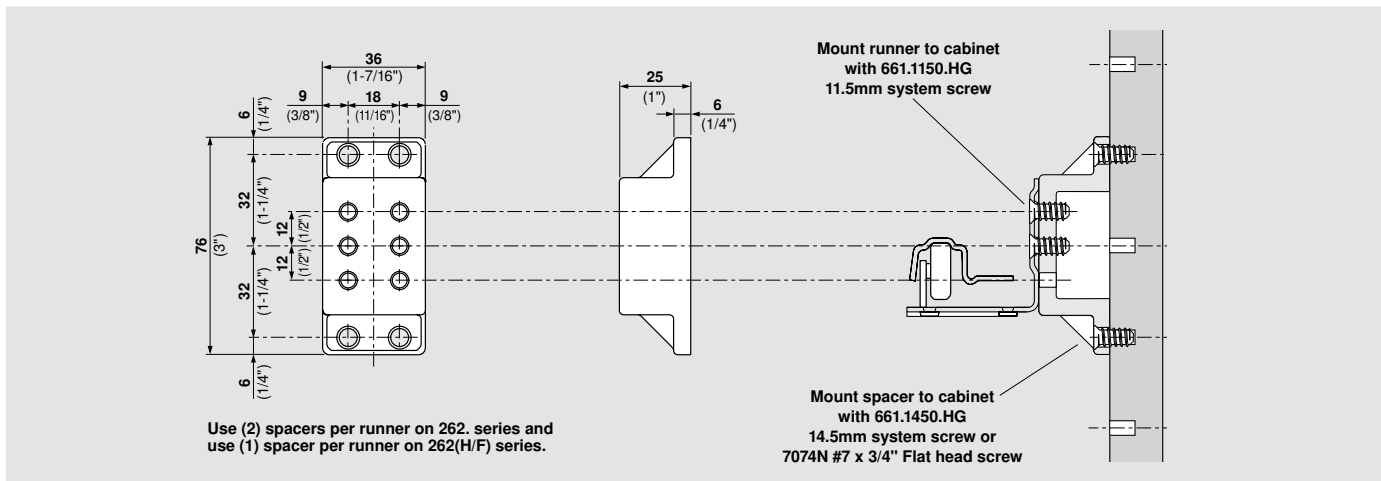
T59.3570 Spacer

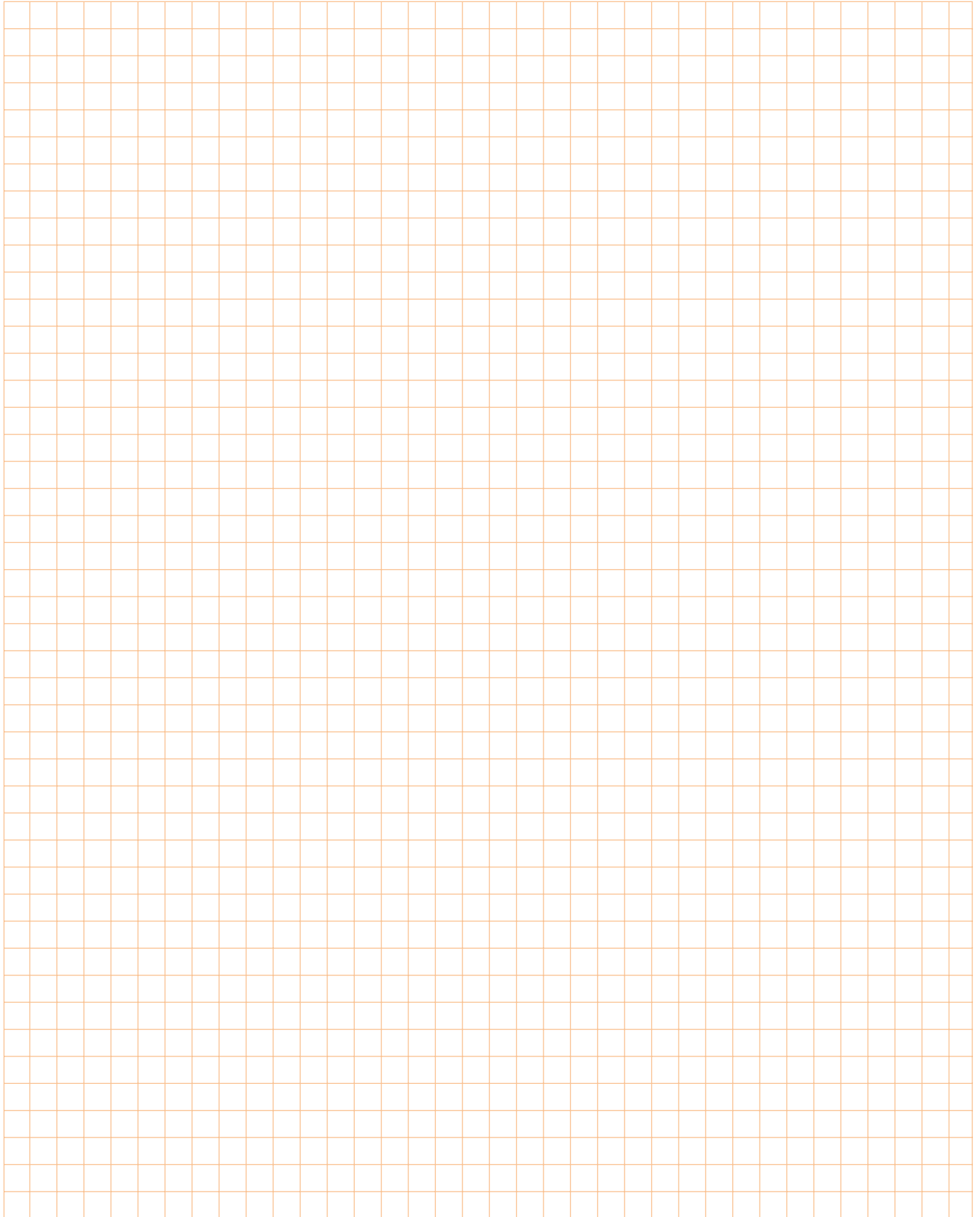
661.1150.HG Ø5 x 11.5mm System screw

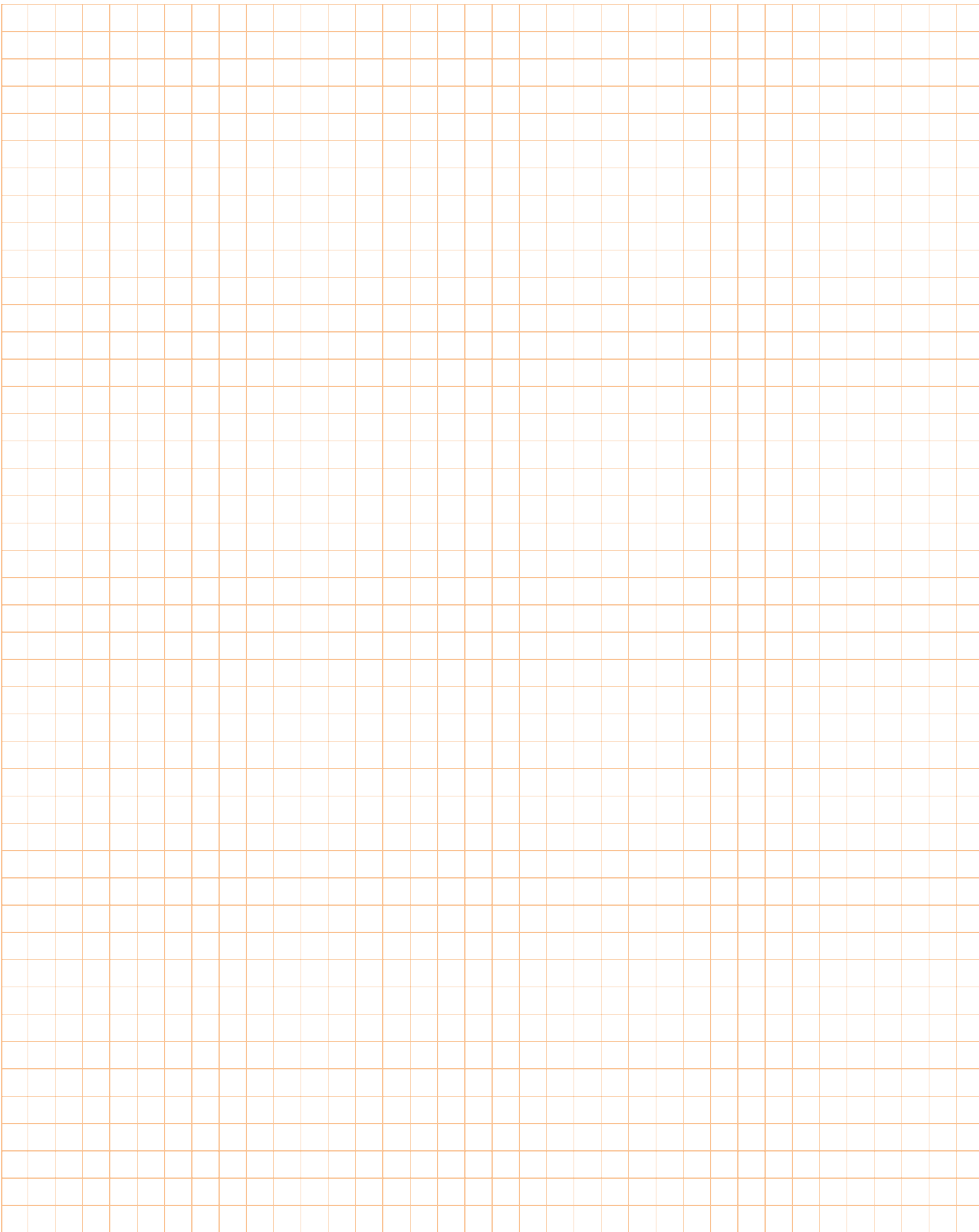
661.1450.HG Ø5 x 14.5mm System screw

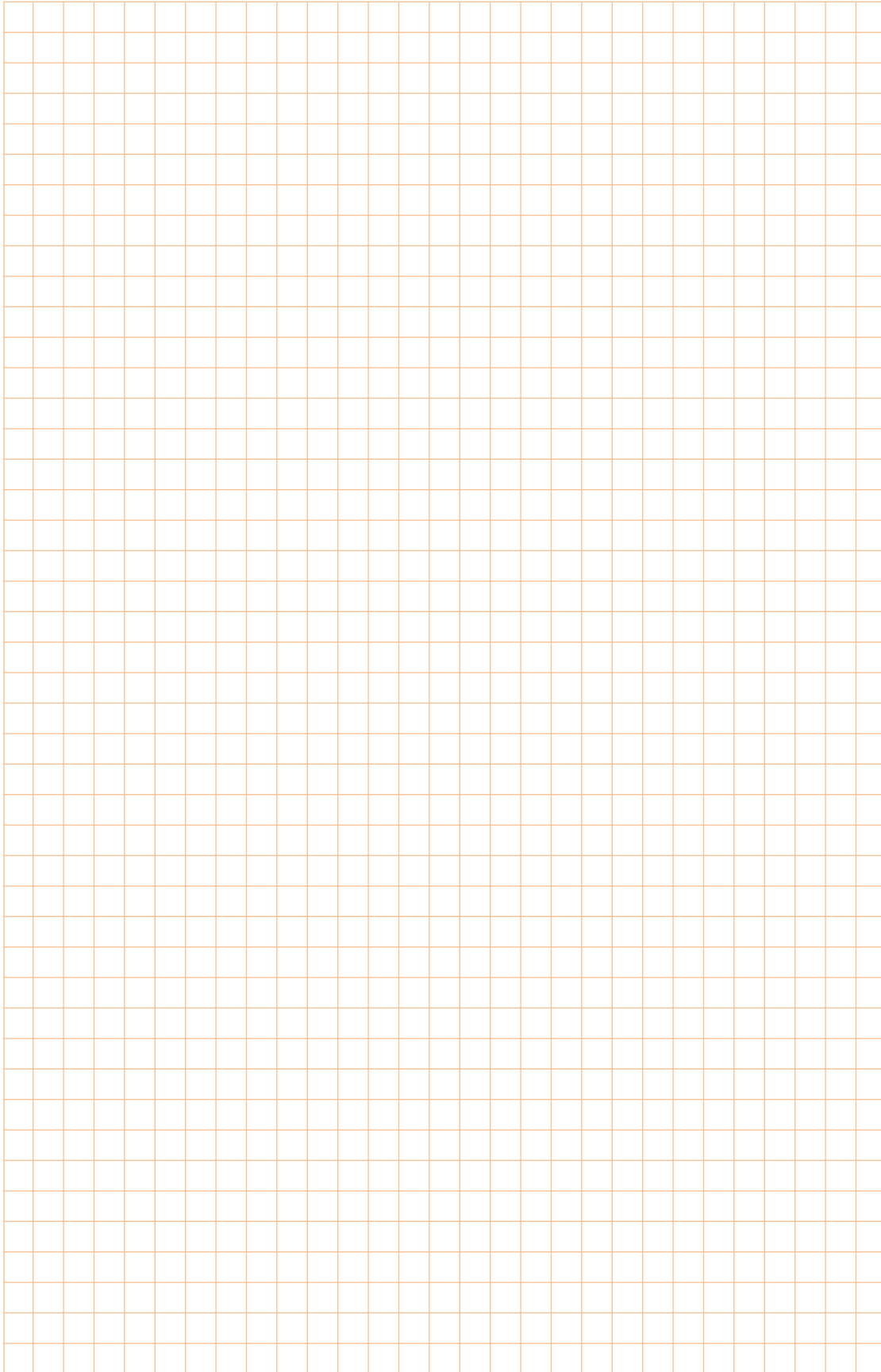
7074N #7 x 3/4" Flat head screw

Application









Conversion Chart		
Inch		mm
1/32	.031	1
1/16	.063	1.5
3/32	.094	2
1/8	.125	3
5/32	.156	4
3/16	.188	5
7/32	.219	5.5
1/4	.25	6
9/32	.281	7
5/16	.313	8
11/32	.344	9
3/8	.375	9.5
13/32	.406	10
7/16	.438	11
15/32	.469	12
1/2	.5	13
17/32	.531	13.5
9/16	.563	14
19/32	.594	15
5/8	.625	16
21/32	.656	17
11/16	.688	17.5
23/32	.719	18
3/4	.75	19
25/32	.781	20
13/16	.813	20.5
27/32	.844	21
7/8	.875	22
29/32	.906	23
15/16	.938	24
31/32	.969	24.5
1	1	25.4

Information is also available on these other Blum products:

- AVENTOS lift systems
- Blum Concealed hinges: CLIP top, CLIP, MODUL, and COMPACT
- BLUMOTION for doors
- DYNAMIC SPACE
- Machine and assembly aids
- METABOX drawer system
- ORGA-LINE organization system
- POCKET DOOR hardware
- STANDARD drawer runners
- TANDEM concealed runners
- TANDEMBOX drawer system

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