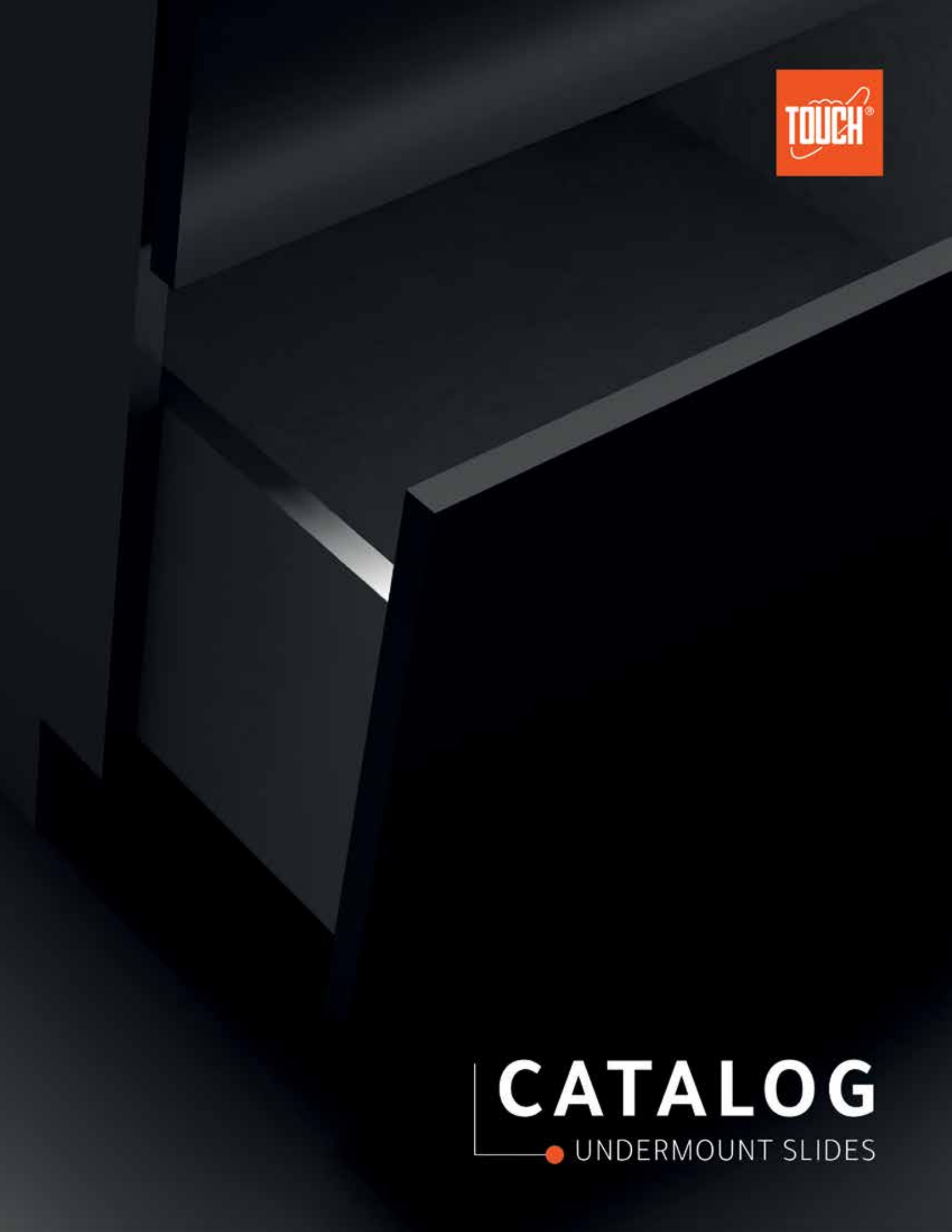


CATALOG

UNDERMOUNT SLIDES



TOUCH UNDERMOUNT DRAWER SLIDES

Our Undermount Slides represent the pinnacle of modern cabinetry hardware, designed to provide smooth, quiet, and reliable drawer operation. Engineered for both residential and commercial applications, these slides offer the perfect blend of functionality and aesthetics. With features like soft-close mechanisms, push-open functionality, and synchronized movement, our undermount drawer slides ensure that every drawer opens and closes with ease and precision.

Compatible with both frameless and face frame cabinets, they are the ideal choice for any modern kitchen, office, or retail environment. Whether you're seeking enhanced convenience, safety, or simply a more elegant drawer system, our undermount drawer slides deliver exceptional performance and long-lasting durability.

Touch Cabinets Hardware

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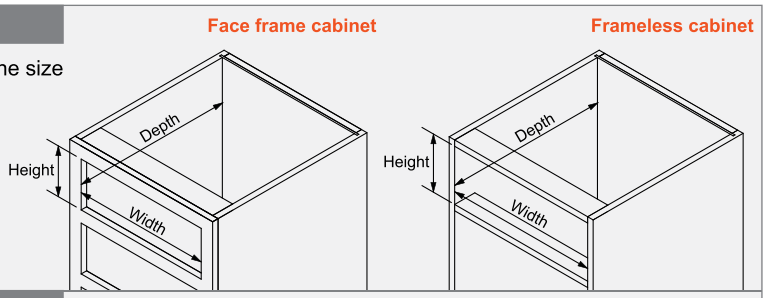
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Using Undermount Slides

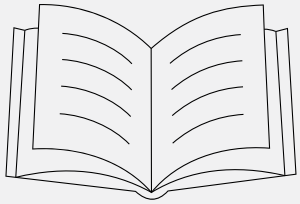
Step 1. Measure cabinet opening

Measurements of the cabinet opening are required to determine the size of the drawer box.



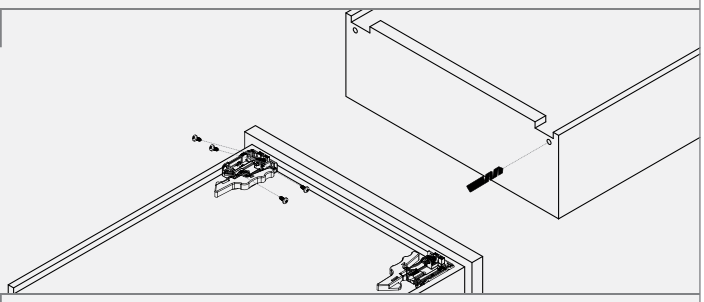
Step 2. Select undermount slides

Refer to the products pages and select the best fitting undermount slides for your application by considering factors such as drawer side thickness, load capacity, and cabinet depth. For more detailed information, please consult the relevant catalog page.



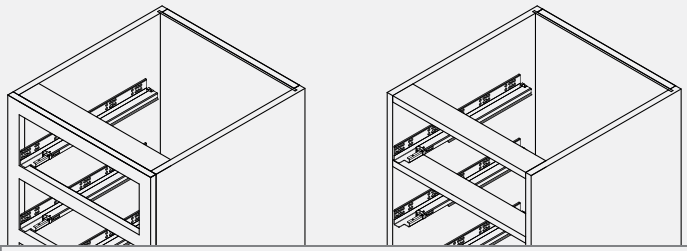
Step 3. Preparing drawer boxes

Construct the drawer based on the specifications for the selected undermount slides and the measurements determined in Step 1. Install the suitable locking devices and drill holes for the rear hooks.



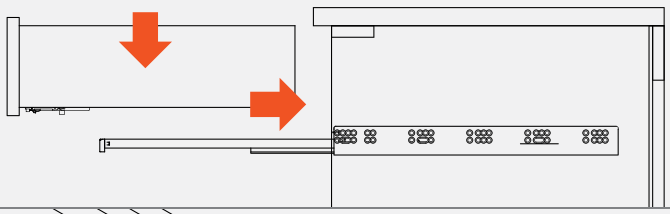
Step 4. Attach undermount slides to the cabinet

Based on the provided information for the selected undermount slides install the runners inside the cabinet.



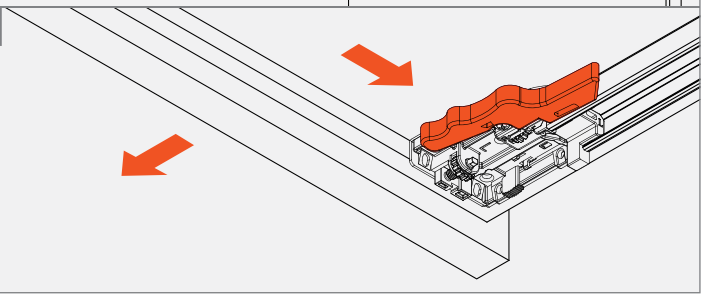
Step 5. Insert drawers

Fully extend the slides. Position the drawer on the slides and close it. The locking devices will automatically engage with the slides. Make adjustments if necessary.



Step 6. Drawer removal

Squeeze the orange handles on the locking devices and pull the drawer straight out and upward.

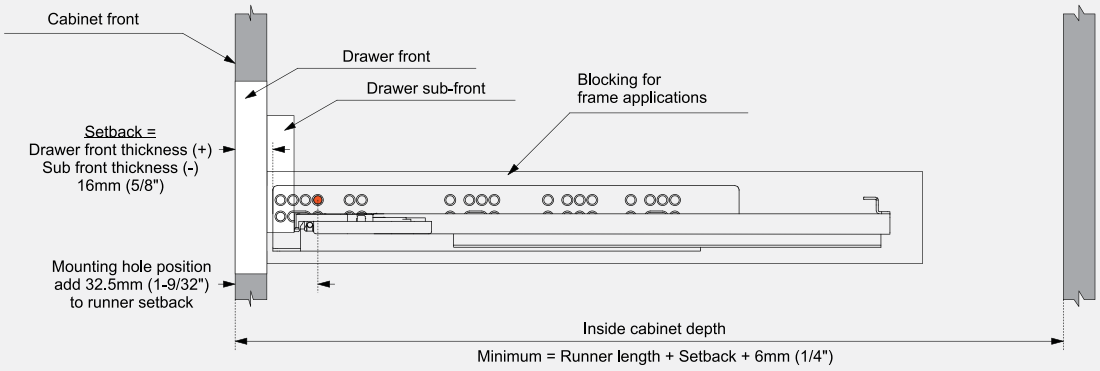


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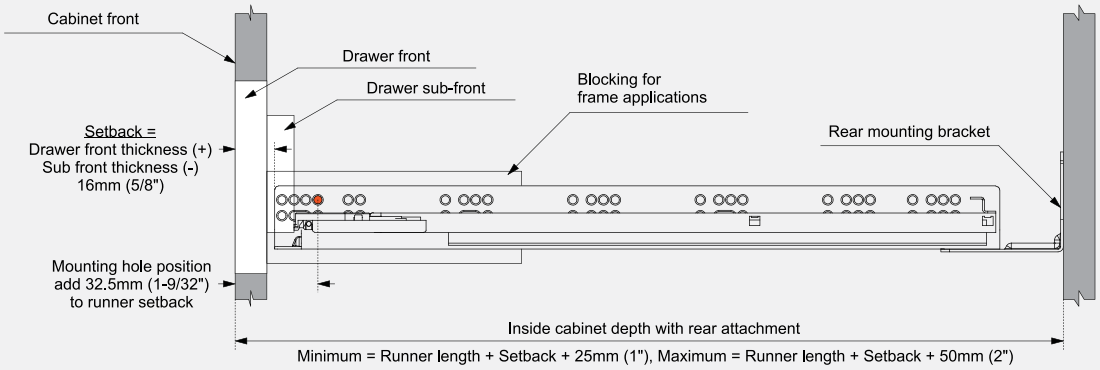
Inset Drawer Setback

- An increased setback of the runner is required.
- For face frame applications, blocking-out is required behind the face frame.

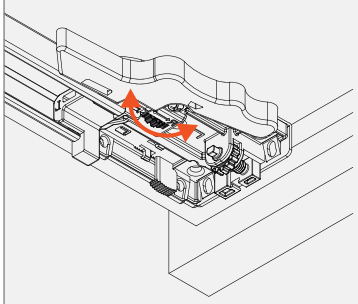
Complete block-out



Partial block-out



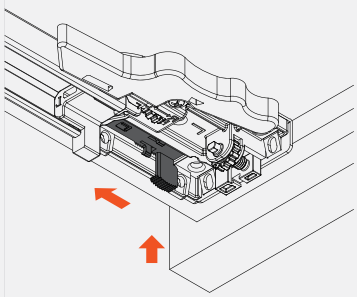
Front side-to-side adjustment



Rotate the side-to-side adjustment mechanism on both locking devices equally, either forward or backward.

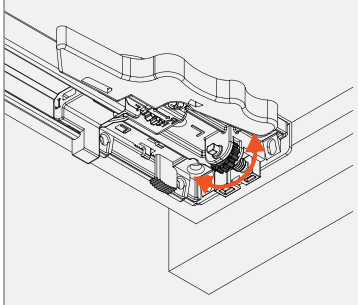
Rotate forward to adjust the drawer front to the left, and backward to adjust it to the right.

Height adjustment



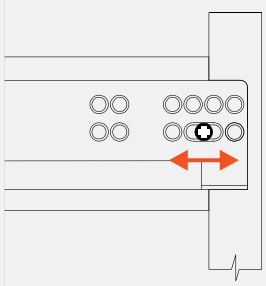
Press the adjustment tab upward and push it toward the back of the drawer to adjust the height of the drawer front.

Depth adjustment



To adjust the depth of the drawer front, rotate the depth adjustment mechanism. Turn it to the right to move the drawer front outward, and to the left to move it inward.

Depth adjustment on runner



Runners have elongated slots that permit a depthadjustment ± 4.5 mm (3/16").

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SOFT CLOSE UNDERMOUNT

Experience the ultimate in drawer functionality with our Soft-Close Undermount Drawer Slides-designed to offer a smooth, silent, and effortless closing experience. Ideal for modern cabinetry, these slides not only enhance the ease of use but also add a touch of sophistication to your drawers, ensuring they close gently and quietly every time.

KEY FEATURES

Concealed Design

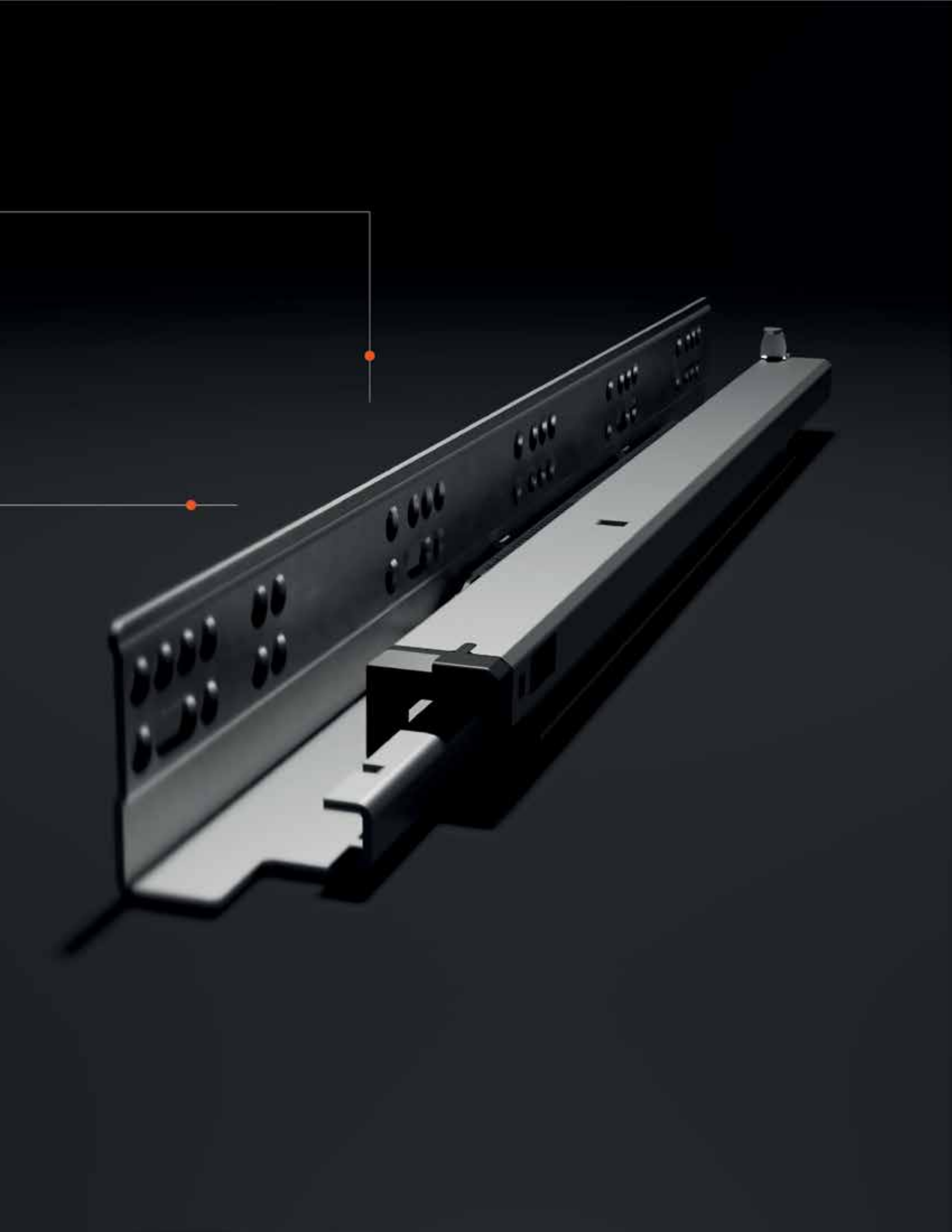
Engineered with Precision

Quiet and Smooth Closure

Compatible with Various Drawer Materials

Suitable for Both Frameless and Face Frame Cabinets

TOUCH®



T - MOTION SOFT CLOSE UNDERMOUNT

TCH-23101 - 16MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment
- Synchronized motion system

Description

- Concealed drawer runners with soft-close functionality
- Suited for frameless and blocked-out face frame cabinets
- Offered in lengths from 457mm (18") to 610mm (24")
- Compatible with material thicknesses ranging from 13mm (1/2") to 16mm (5/8")
- Ensures quiet and smooth closing through the integrated soft closing mechanism
- Streamlined concealed design allows for effortless installation
- Durable runners ensure consistently smooth and controlled drawer glide

Applications

Standard Applications



Inset Drawer



PAGE 5

Slim Metal Drawer



PAGE 92-97

Pull-out Drawer



PAGE 98-103

Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
533mm (21")	457mm (18")	TCH-23101 16.457.3D
610mm (24")	533mm (21")	TCH-23101 16.533.3D
686mm (27")	610mm (24")	TCH-23101 16.610.3D

Runner set and components



TCH-23000 T-CL.3D



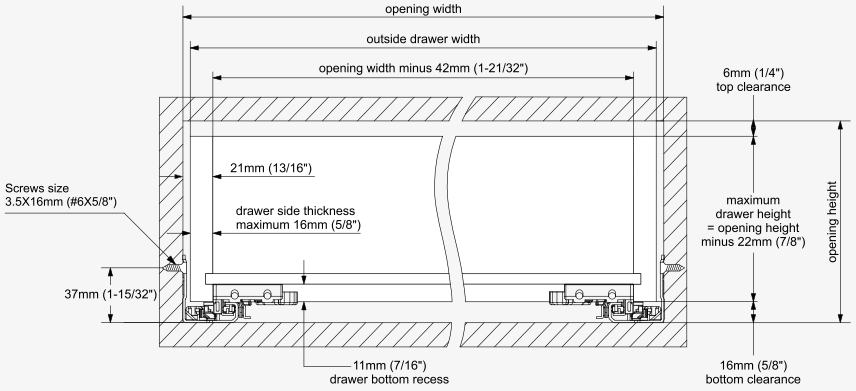
TCH-23101 - 16mm

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Drawer and Cabinet Specifications

Drawer box specification

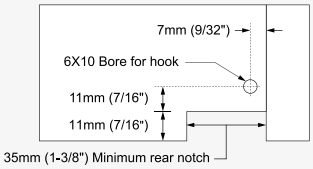
Front view



Note: The inside drawer width must equal Cabinet opening width minus 42mm (1-21/32") to align and function optimally

Drawer back preparation

Rear view

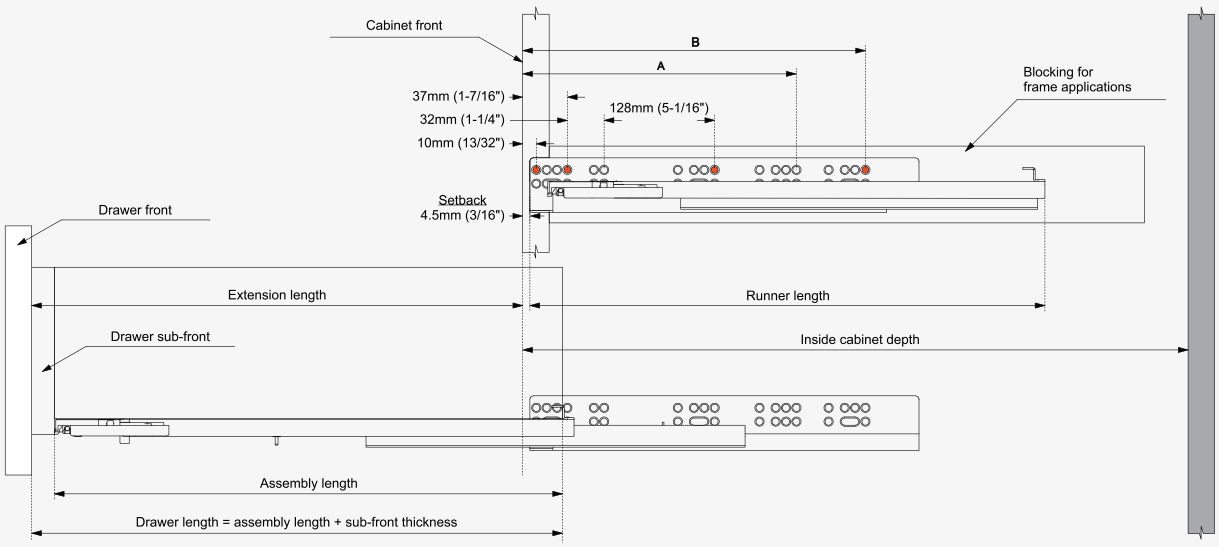


Calculating outside drawer width

For drawer side panel thickness	16mm (5/8")	15mm (9/16")	14mm (9/16")	13mm (1/2")	12mm (1/2")
Deduct from inside cabinet width	10mm (3/8")	12mm (1/2")	14mm (9/16")	16mm (5/8")	18mm (11/16")

Example: For 508mm (20") inside cabinet width and a 16mm (5/8") thick drawer panel, 508mm (20") minus 10mm (3/8") = 498mm (19 5/8") drawer width.

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Minimum inside cabinet depth
					A	B	
TCH-23101 16.457.3D	("457mm (18	("475mm (18 11/16	("441mm (17 3/8	("429mm (16 7/8	-	("261mm (10 1/4	("482mm (19
TCH-23101 16.533.3D	("533mm (21	("551mm (21 11/16	("517mm (20 3/8	("505mm (19 7/8	("261mm (10 1/4	("325mm (12 13/16	("558mm (22
TCH-23101 16.610.3D	("610mm (24	("628mm (24 3/4	("594mm (23 3/8	("582mm (22 15/16	("261mm (10 1/4	("357mm (14 1/16	("635mm (25

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T - MOTION SOFT CLOSE UNDERMOUNT

TCH-23101 - 19MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment
- Synchronized motion system

Description

- Concealed drawer runners with soft-close functionality
- Suited for frameless and blocked-out face frame cabinets
- Offered in lengths from 457mm (18") to 610mm (24")
- Compatible with material thicknesses ranging from 16mm (5/8") to 19mm (3/4")
- Ensures quiet and smooth closing through the integrated soft closing mechanism
- Streamlined concealed design allows for effortless installation
- Durable runners ensure consistently smooth and controlled drawer glide

Applications

Standard Applications



Inset Drawer



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Slim Metal Drawer



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Pull-out Drawer



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Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
533mm (21")	457mm (18")	TCH-23101 19.457.3D
610mm (24")	533mm (21")	TCH-23101 19.533.3D
686mm (27")	610mm (24")	TCH-23101 19.610.3D

Runner set and components



TCH-23000 T-CL.3D



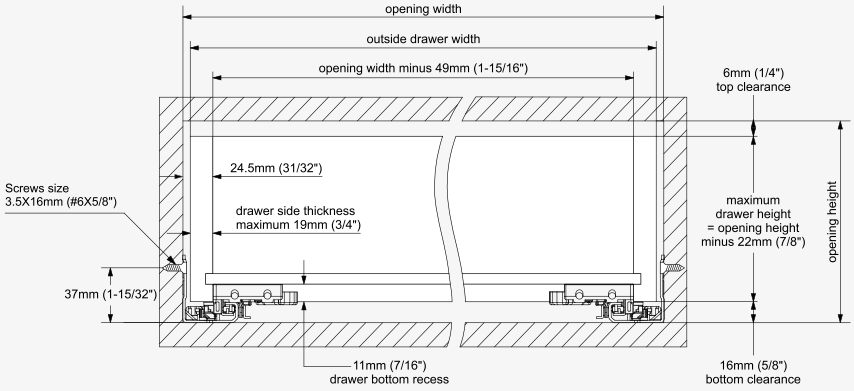
TCH-23101 - 19mm

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Drawer and Cabinet Specifications

Drawer box specification

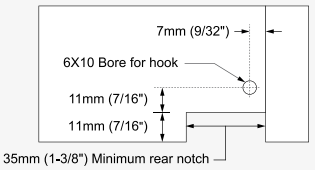
Front view



Note: The inside drawer width must equal Cabinet opening width minus 49mm (1-15/16") to align and function optimally

Drawer back preparation

Rear view

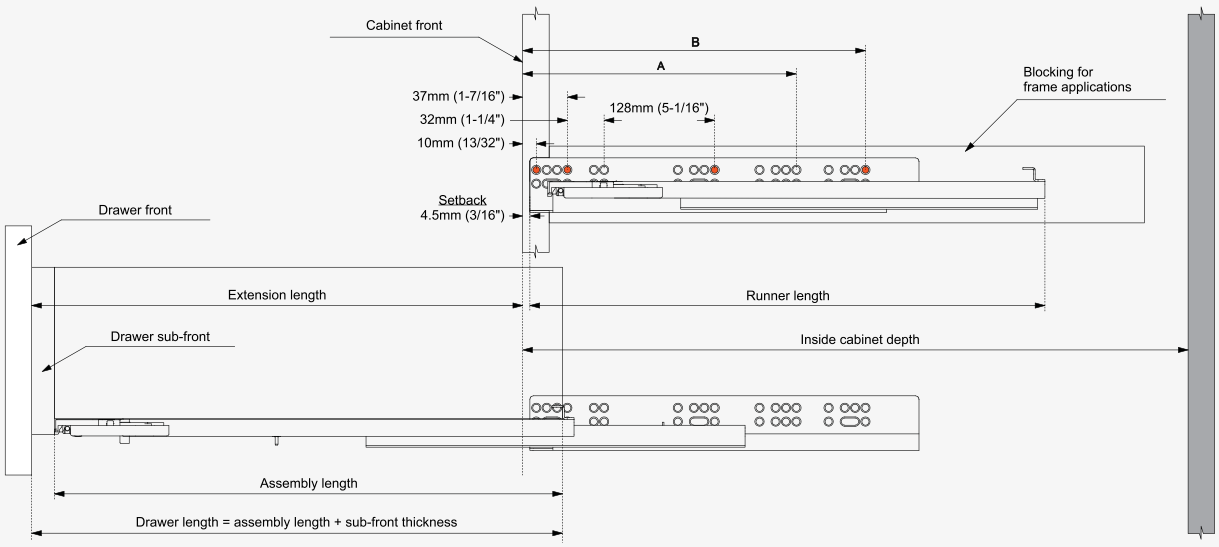


Calculating outside drawer width

For drawer side panel thickness	19mm (3/4")	18mm (11/16")	17mm (11/16")	16mm (5/8")	15mm (9/16")
Deduct from inside cabinet width	11mm (7/16")	13mm (1/2")	15mm (9/16")	17mm (11/16")	19mm (3/4")

Example: For 508mm (20") inside cabinet width and a 19mm (3/4") thick drawer panel, 508mm (20") minus 11mm (7/16") = 497mm (19 9/16") drawer width.

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Minimum inside cabinet depth
					A	B	
TCH-23101 19.457.3D	457mm (18")	475mm (18 11/16")	441mm (17 3/8")	429mm (16 7/8")	-	261mm (10 1/4")	482mm (19")
TCH-23101 19.533.3D	533mm (21")	551mm (21 11/16")	517mm (20 3/8")	505mm (19 7/8")	261mm (10 1/4")	325mm (12 13/16")	558mm (22")
TCH-23101 19.610.3D	610mm (24")	628mm (24 3/4")	594mm (23 3/8")	582mm (22 15/16")	261mm (10 1/4")	357mm (14 1/16")	635mm (25")

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T - MOTION SOFT CLOSE UNDERMOUNT

TCH-23102 - 16MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment
- Synchronized motion system

Description

- Concealed drawer runners with soft-close mechanism
- Suited for both frameless and face frame cabinets
- Offered in lengths from 305mm (12") to 533mm (21")
- Compatible with material thicknesses from 13mm (1/2") to 16mm (5/8")
- Ensures quiet and smooth closing through integrated soft-close technology
- Streamlined concealed design facilitates effortless installation
- Durable runners provide consistent smoothness and control for drawer glide

Applications

Standard Applications



Inset Drawer



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Slim Metal Drawer



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Pull-out Drawer



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Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
381mm (15")	305mm (12")	TCH-23102 16.305.3D
457mm (18")	381mm (15")	TCH-23102 16.381.3D
533mm (21")	457mm (18")	TCH-23102 16.457.3D
610mm (24")	533mm (21")	TCH-23102 16.533.3D

Rear mounting brackets



TCH-23000 R.P.01



TCH-23000 R.S.01

Runner set and components



TCH-23000 T-CL.3D



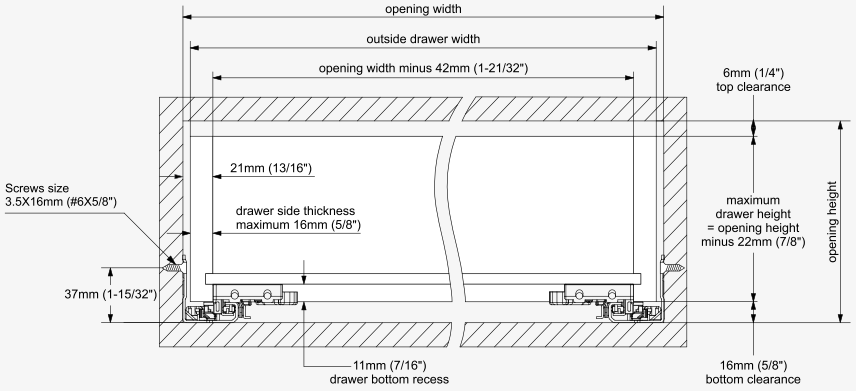
TCH-23102 - 16mm

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Drawer and Cabinet Specifications

Drawer box specification

Front view



Note: The inside drawer width must equal Cabinet opening width minus 42mm (1-21/32") to align and function optimally

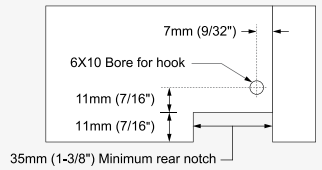
Calculating outside drawer width

For drawer side panel thickness	16mm (5/8")	15mm (9/16")	14mm (9/16")	13mm (1/2")	12mm (1/2")
Deduct from inside cabinet width	10mm (3/8")	12mm (1/2")	14mm (9/16")	16mm (5/8")	18mm (11/16")

Example: For 508mm (20") inside cabinet width and a 16mm (5/8") thick drawer panel, 508mm (20") minus 10mm (3/8") = 498mm (19 5/8") drawer width.

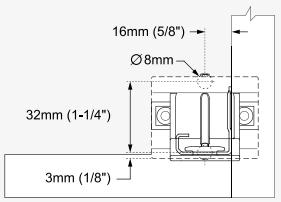
Drawer back preparation

Rear view



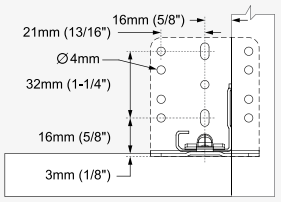
TCH - 23000 R.P.01 Rear mounting

Front view



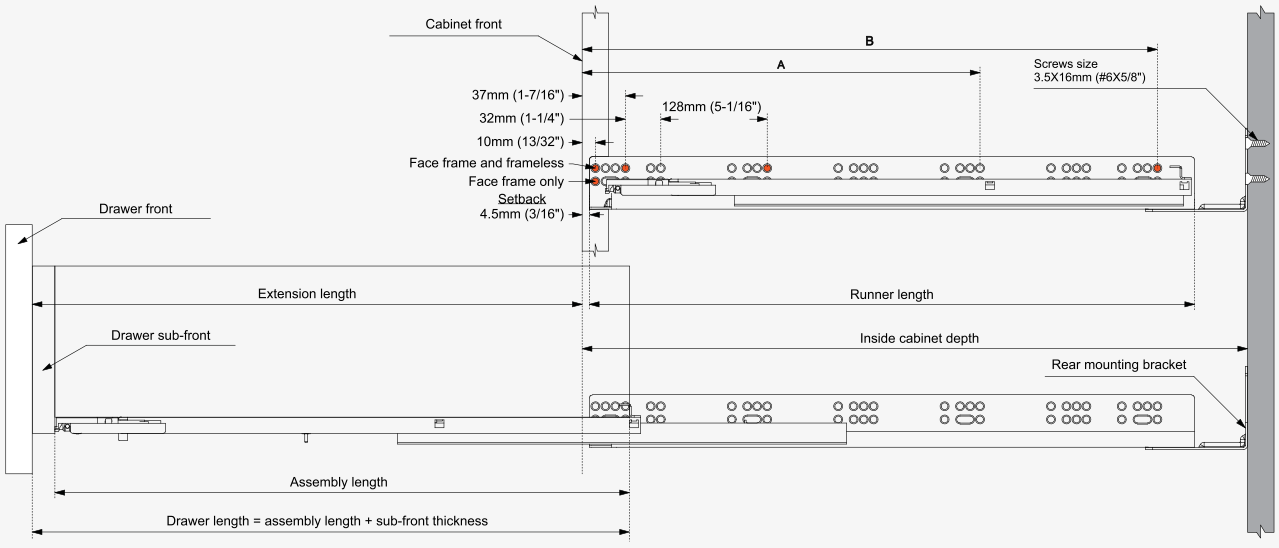
TCH - 23000 R.S.01 Rear mounting

Front view



Note:
Use a minimum of three screws per bracket

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Inside cabinet depth with rear attachment	
					A	B	Minimum	Maximum
TCH-23102 16.305.3D	305mm (12")	326mm (12 13/16")	289mm (11 3/8")	277mm (10 7/8")	-	261mm (10 1/4")	343mm (13 1/2")	368mm (14 1/2")
TCH-23102 16.381.3D	381mm (15")	402mm (15 13/16")	365mm (14 3/8")	353mm (13 7/8")	261mm (10 1/4")	357mm (14 1/16")	419mm (16 1/2")	445mm (17 1/2")
TCH-23102 16.457.3D	457mm (18")	478mm (18 13/16")	441mm (17 3/8")	429mm (16 7/8")	357mm (14 1/16")	453mm (17 13/16")	495mm (19 1/2")	521mm (20 1/2")
TCH-23102 16.533.3D	533mm (21")	554mm (21 13/16")	517mm (20 3/8")	505mm (19 7/8")	357mm (14 1/16")	517mm (20 3/8")	571mm (22 1/2")	597mm (23 1/2")

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T - MOTION SOFT CLOSE UNDERMOUNT

TCH-23102 - 19MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment
- Synchronized motion system

Description

- Concealed drawer runners with soft-close mechanism
- Suited for both frameless and face frame cabinets
- Offered in lengths from 305mm (12") to 533mm (21")
- Compatible with material thicknesses from 16mm (5/8") to 19mm (3/4")
- Ensures quiet and smooth closing through integrated soft-close technology
- Streamlined concealed design facilitates effortless installation
- Durable runners provide consistent smoothness and control for drawer glide

Applications

Standard Applications



Inset Drawer



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Slim Metal Drawer



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Pull-out Drawer



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Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
381mm (15")	305mm (12")	TCH-23102 19.305.3D
457mm (18")	381mm (15")	TCH-23102 19.381.3D
533mm (21")	457mm (18")	TCH-23102 19.457.3D
610mm (24")	533mm (21")	TCH-23102 19.533.3D

Rear mounting brackets



TCH-23000 R.P.01



TCH-23000 R.S.01

Runner set and components



TCH-23000 T-CL.3D



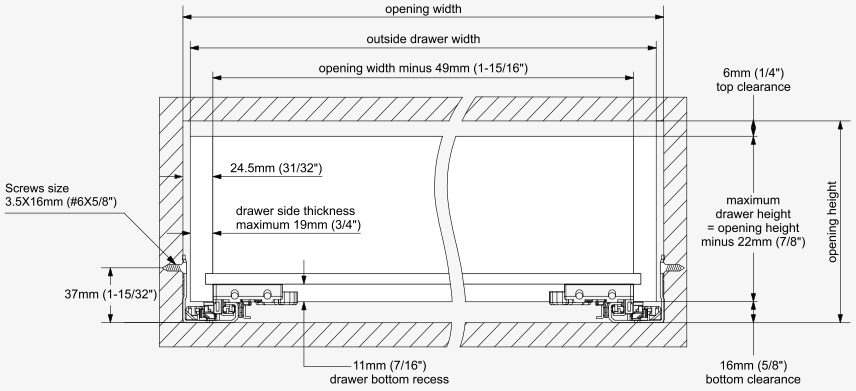
TCH-23102 - 19mm

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Drawer and Cabinet Specifications

Drawer box specification

Front view



Note: **The inside drawer width must equal Cabinet opening width minus 49mm (1-15/16") to align and function optimally**

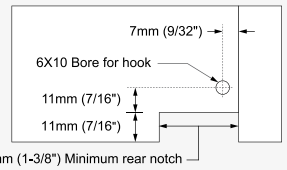
Calculating outside drawer width

For drawer side panel thickness	19mm (3/4")	18mm (11/16")	17mm (11/16")	16mm (5/8")	15mm (9/16")
Deduct from inside cabinet width	11mm (7/16")	13mm (1/2")	15mm (9/16")	17mm (11/16")	19mm (3/4")

Example: For 508mm (20") inside cabinet width and a 19mm (3/4") thick drawer panel, 508mm (20") minus 11mm (7/16") = 497mm (19 9/16") drawer width.

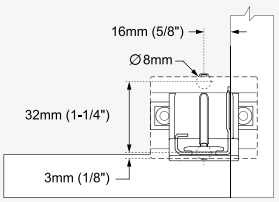
Drawer back preparation

Rear view



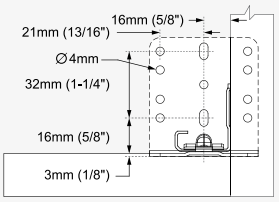
TCH - 23000 R.P.01 Rear mounting

Front view



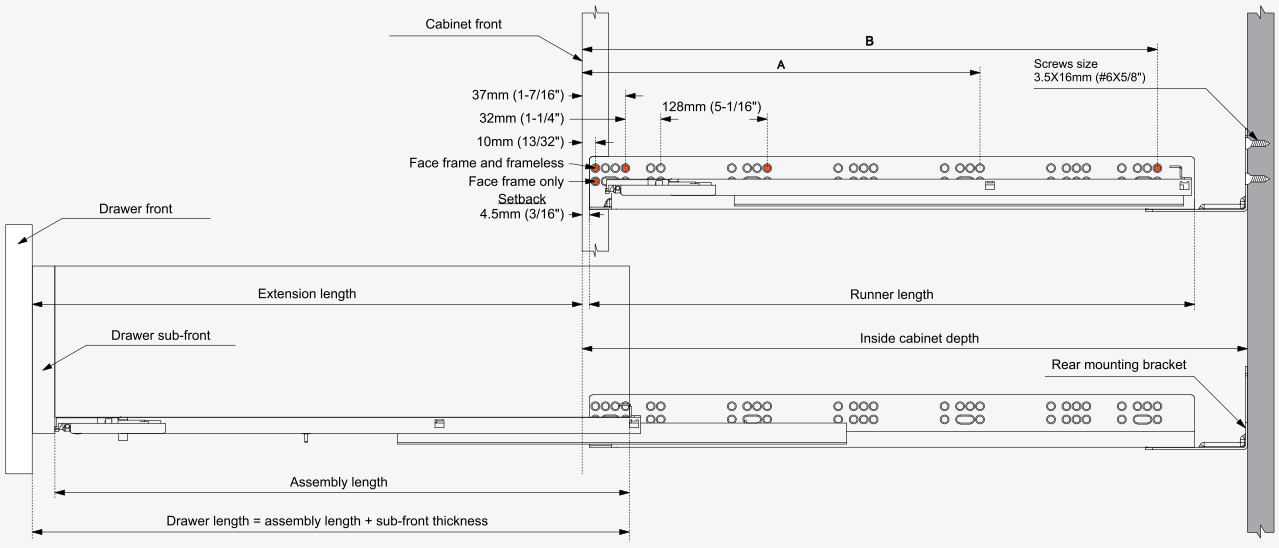
TCH - 23000 R.S.01 Rear mounting

Front view



Note:
Use a minimum of three screws per bracket

Runner mounting specifications



Note: **The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings**

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Inside cabinet depth with rear attachment	
					A	B	Minimum	Maximum
TCH-23102 19.305.3D	305mm (12")	326mm (12 13/16")	289mm (11 3/8")	277mm (10 7/8")	-	261mm (10 1/4")	343mm (13 1/2")	368mm (14 1/2")
TCH-23102 19.381.3D	381mm (15")	402mm (15 13/16")	365mm (14 3/8")	353mm (13 7/8")	261mm (10 1/4")	357mm (14 1/16")	419mm (16 1/2")	445mm (17 1/2")
TCH-23102 19.457.3D	457mm (18")	478mm (18 13/16")	441mm (17 3/8")	429mm (16 7/8")	357mm (14 1/16")	453mm (17 13/16")	495mm (19 1/2")	521mm (20 1/2")
TCH-23102 19.533.3D	533mm (21")	554mm (21 13/16")	517mm (20 3/8")	505mm (19 7/8")	357mm (14 1/16")	517mm (20 3/8")	571mm (22 1/2")	597mm (23 1/2")

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CLIP-ON SOFT CLOSE UNDERMOUNT

TCH-23103 - 16MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment

Description

- Concealed drawer runners with soft-close functionality
- Suitable for frameless and blocked-out face frame cabinets
- Offered in lengths from 457mm (18") to 610mm (24")
- Designed to accommodate material thicknesses from 13mm (1/2") to 16mm (5/8")
- Ensures quiet and smooth closing through the integrated soft closing mechanism
- Streamlined concealed design for easy installation
- Durable runners provide consistently smooth and controlled drawer glide

Applications









Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
533mm (21")	457mm (18")	TCH-23103 16.457.3D
610mm (24")	533mm (21")	TCH-23103 16.533.3D
686mm (27")	610mm (24")	TCH-23103 16.610.3D

Runner set and components



TCH-23000 CL.3D



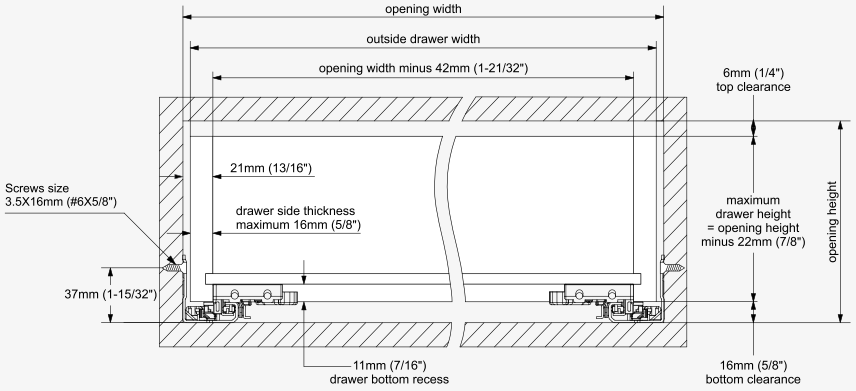
TCH-23103 - 16mm

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Drawer and Cabinet Specifications

Drawer box specification

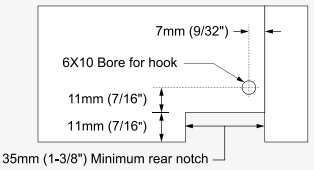
Front view



Note: The inside drawer width must equal Cabinet opening width minus 42mm (1-21/32") to align and function optimally

Drawer back preparation

Rear view

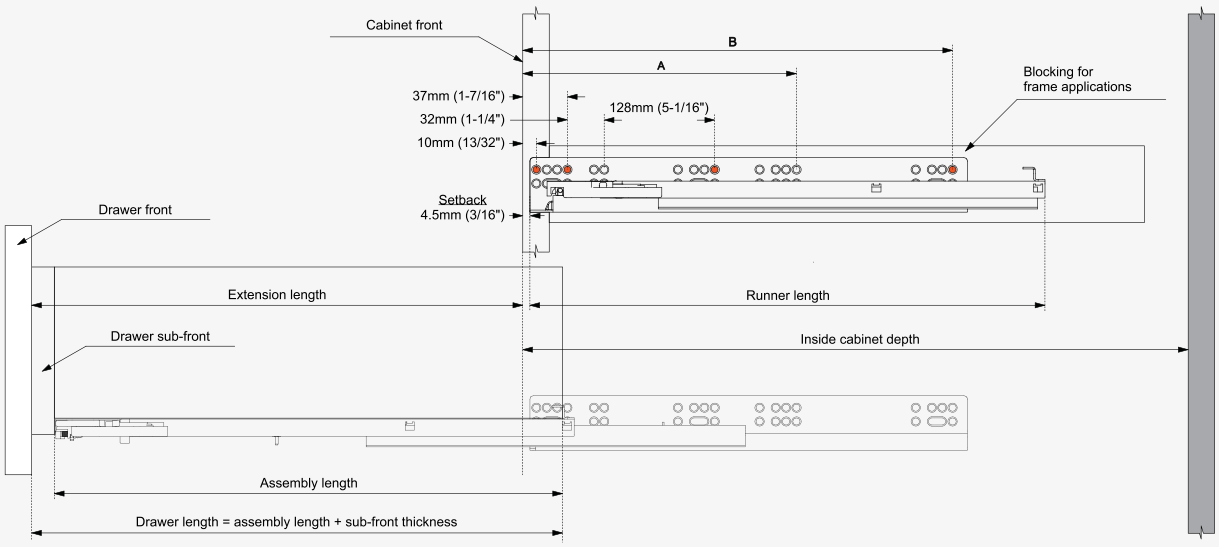


Calculating outside drawer width

For drawer side panel thickness	16mm (5/8")	15mm (9/16")	14mm (9/16")	13mm (1/2")	12mm (1/2")
Deduct from inside cabinet width	10mm (3/8")	12mm (1/2")	14mm (9/16")	16mm (5/8")	18mm (11/16")

Example: For 508mm (20") inside cabinet width and a 16mm (5/8") thick drawer panel, 508mm (20") minus 10mm (3/8") = 498mm (19 5/8") drawer width.

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Minimum inside cabinet depth
					A	B	
TCH-23103 16.457.3D	457mm (18")	467mm (18 3/8")	441mm (17 3/8")	429mm (16 7/8")	-	261mm (10 1/4")	482mm (19")
TCH-23103 16.533.3D	533mm (21")	543mm (21 3/8")	517mm (20 3/8")	505mm (19 7/8")	261mm (10 1/4")	325mm (12 13/16")	558mm (22")
TCH-23103 16.610.3D	610mm (24")	620mm (24 7/16")	594mm (23 3/8")	582mm (22 15/16")	261mm (10 1/4")	357mm (14 1/16")	635mm (25")

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CLIP-ON SOFT CLOSE UNDERMOUNT

TCH-23103 - 19MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment

Description

- Concealed drawer runners with soft-close functionality
- Suitable for frameless and blocked-out face frame cabinets
- Offered in lengths from 457mm (18") to 610mm (24")
- Designed to accommodate material thicknesses from 16mm (5/8") to 19mm (3/4")
- Ensures quiet and smooth closing through the integrated soft closing mechanism
- Streamlined concealed design for easy installation
- Durable runners provide consistently smooth and controlled drawer glide

Applications

Standard Applications



Inset Drawer



PAGE 5

Slim Metal Drawer



PAGE 92-97

Pull-out Drawer



PAGE 98-103

Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
533mm (21")	457mm (18")	TCH-23103 19.457.3D
610mm (24")	533mm (21")	TCH-23103 19.533.3D
686mm (27")	610mm (24")	TCH-23103 19.610.3D

Runner set and components



TCH-23000 CL.3D



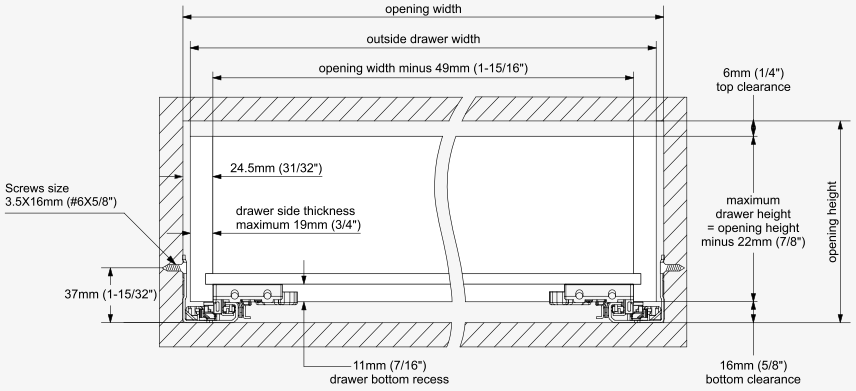
TCH-23103 - 19mm

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Drawer and Cabinet Specifications

Drawer box specification

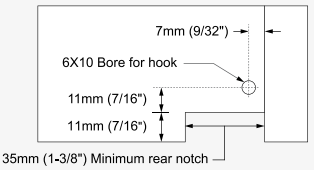
Front view



Note: The inside drawer width must equal Cabinet opening width minus 49mm (1-15/16") to align and function optimally

Drawer back preparation

Rear view

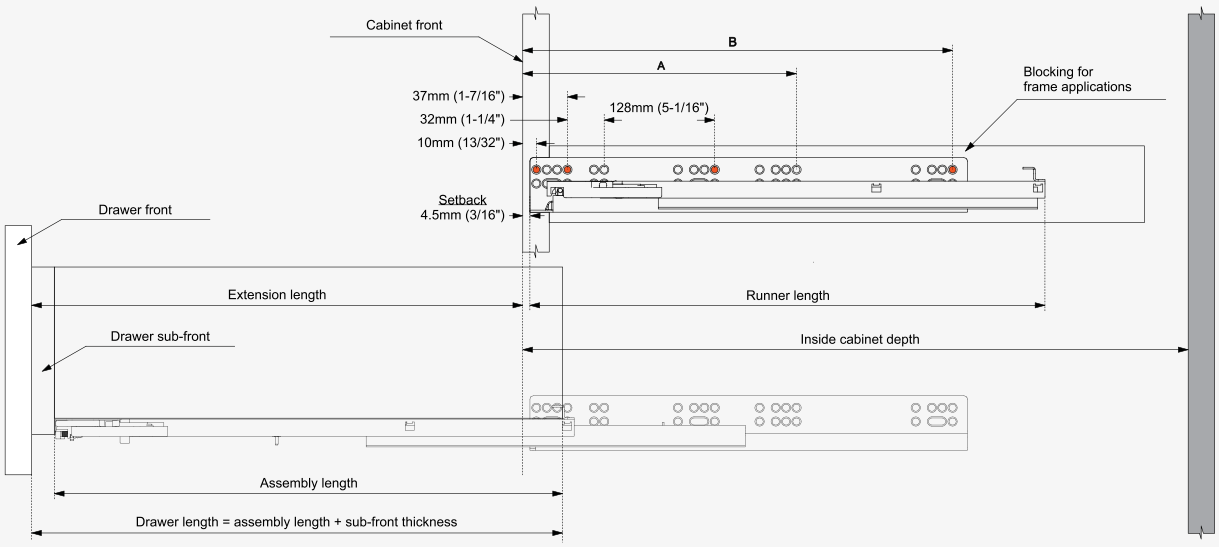


Calculating outside drawer width

For drawer side panel thickness	19mm (3/4")	18mm (11/16")	17mm (11/16")	16mm (5/8")	15mm (9/16")
Deduct from inside cabinet width	11mm (7/16")	13mm (1/2")	15mm (9/16")	17mm (11/16")	19mm (3/4")

Example: For 508mm (20") inside cabinet width and a 19mm (3/4") thick drawer panel, 508mm (20") minus 11mm (7/16") = 497mm (19 9/16") drawer width.

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Minimum inside cabinet depth
					A	B	
TCH-23103 19.457.3D	457mm (18")	467mm (18 3/8")	441mm (17 3/8")	429mm (16 7/8")	-	261mm (10 1/4")	482mm (19")
TCH-23103 19.533.3D	533mm (21")	543mm (21 3/8")	517mm (20 3/8")	505mm (19 7/8")	261mm (10 1/4")	325mm (12 13/16")	558mm (22")
TCH-23103 19.610.3D	610mm (24")	620mm (24 7/16")	594mm (23 3/8")	582mm (22 15/16")	261mm (10 1/4")	357mm (14 1/16")	635mm (25")

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CLIP-ON SOFT CLOSE UNDERMOUNT

TCH-23104 - 16MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment

Description

- Concealed drawer runners with soft-close functionality
- Suited for frameless and face frame cabinets
- Available in lengths from 229mm (9") to 610mm (24")
- Compatible with material thicknesses from 13mm (1/2") to 16mm (5/8")
- Ensures quiet and smooth closing through integrated soft-closing mechanism
- Streamlined concealed design facilitates effortless installation
- Durable runners guarantee consistently smooth and controlled drawer glide

Applications









Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
305mm (12")	229mm (9")	TCH-23104 16.229.3D
381mm (15")	305mm (12")	TCH-23104 16.305.3D
457mm (18")	381mm (15")	TCH-23104 16.381.3D
533mm (21")	457mm (18")	TCH-23104 16.457.3D
610mm (24")	533mm (21")	TCH-23104 16.533.3D
686mm (27")	610mm (24")	TCH-23104 16.610.3D

Rear mounting brackets



TCH-23000 R.P.01



TCH-23000 R.S.01

Runner set and components



TCH-23000 CL.3D



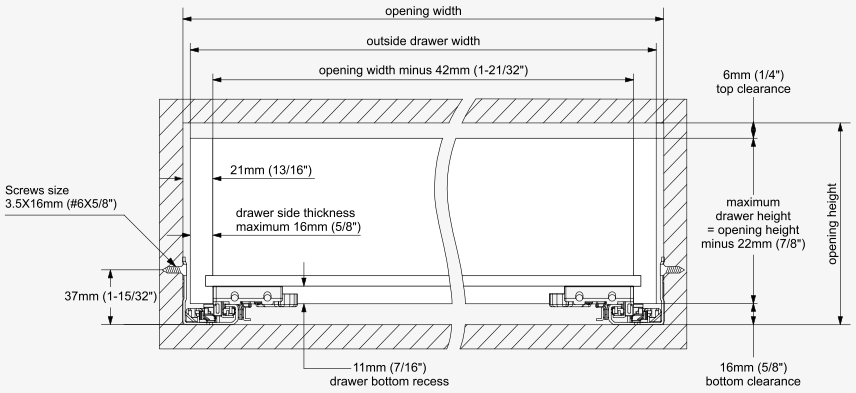
TCH-23104 - 16mm

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Drawer and Cabinet Specifications

Drawer box specification

Front view



Note: The inside drawer width must equal Cabinet opening width minus 42mm (1-21/32") to align and function optimally

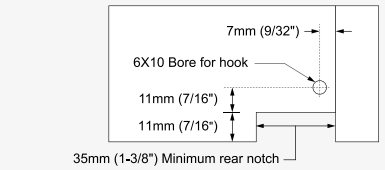
Calculating outside drawer width

For drawer side panel thickness	16mm (5/8")	15mm (9/16")	14mm (9/16")	13mm (1/2")	12mm (1/2")
Deduct from inside cabinet width	10mm (3/8")	12mm (1/2")	14mm (9/16")	16mm (5/8")	18mm (11/16")

Example: For 508mm (20") inside cabinet width and a 16mm (5/8") thick drawer panel, 508mm (20") minus 10mm (3/8") = 498mm (19 5/8") drawer width.

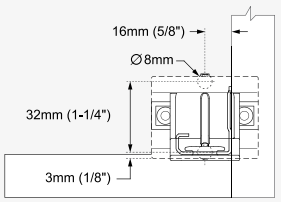
Drawer back preparation

Rear view



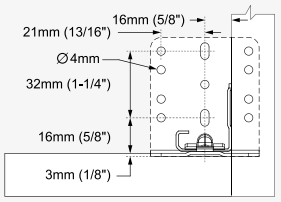
TCH - 23000 R.P.01 Rear mounting

Front view



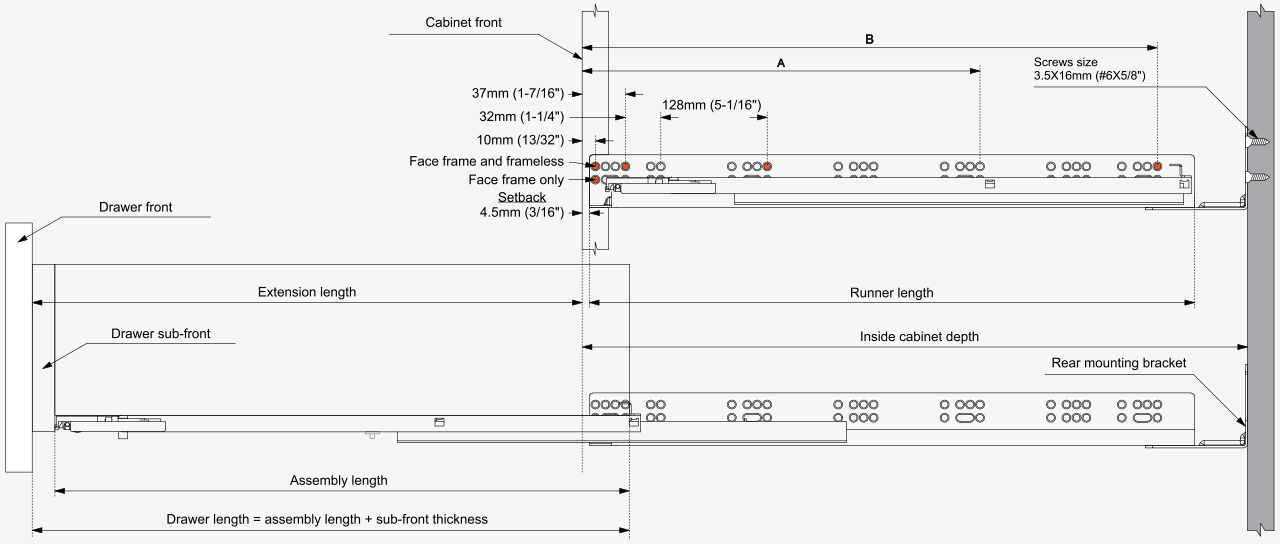
TCH - 23000 R.S.01 Rear mounting

Front view



Note:
Use a minimum of three screws per bracket

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Inside cabinet depth with rear attachment	
					A	B	Minimum	Maximum
TCH-23104 16.229.3D	229mm (9")	242mm (9 1/2")	213mm (8 3/8")	139mm (5 1/2")	-	229mm (9")	267mm (10 1/2")	292mm (11 1/2")
TCH-23104 16.305.3D	305mm (12")	318mm (12 1/2")	289mm (11 3/8")	256mm (10 1/16")	-	261mm (10 1/4")	343mm (13 1/2")	368mm (14 1/2")
TCH-23104 16.381.3D	381mm (15")	394mm (15 1/2")	365mm (14 3/8")	353mm (13 7/8")	261mm (10 1/4")	357mm (14 1/16")	419mm (16 1/2")	445mm (17 1/2")
TCH-23104 16.457.3D	457mm (18")	470mm (18 1/2")	441mm (17 3/8")	429mm (16 7/8")	357mm (14 1/16")	453mm (17 13/16")	495mm (19 1/2")	521mm (20 1/2")
TCH-23104 16.533.3D	533mm (21")	546mm (21 1/2")	517mm (20 3/8")	505mm (19 7/8")	357mm (14 1/16")	517mm (20 3/8")	571mm (22 1/2")	597mm (23 1/2")
TCH-23104 16.610.3D	610mm (24")	623mm (24 1/2")	594mm (23 3/8")	582mm (22 15/16")	357mm (14 1/16")	581mm (22 7/8")	648mm (25 1/2")	673mm (26 1/2")

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CLIP-ON SOFT CLOSE UNDERMOUNT

TCH-23104 - 19MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment

Description

- Concealed drawer runners with soft-close functionality
- Suited for frameless and face frame cabinets
- Available in lengths from 229mm (9") to 610mm (24")
- Compatible with material thicknesses from 16mm (5/8") to 19mm (3/4")
- Ensures quiet and smooth closing through integrated soft-closing mechanism
- Streamlined concealed design facilitates effortless installation
- Durable runners guarantee consistently smooth and controlled drawer glide

Applications

Standard Applications



Inset Drawer



PAGE 5

Slim Metal Drawer



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Pull-out Drawer



PAGE 98-103

Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
305mm (12")	229mm (9")	TCH-23104 19.229.3D
381mm (15")	305mm (12")	TCH-23104 19.305.3D
457mm (18")	381mm (15")	TCH-23104 19.381.3D
533mm (21")	457mm (18")	TCH-23104 19.457.3D
610mm (24")	533mm (21")	TCH-23104 19.533.3D
686mm (27")	610mm (24")	TCH-23104 19.610.3D

Rear mounting brackets



TCH-23000 R.P.01



TCH-23000 R.S.01

Runner set and components



TCH-23000 CL.3D



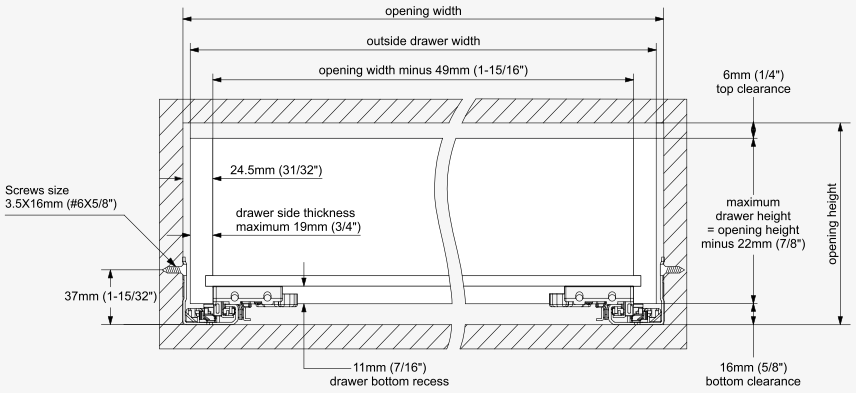
TCH-23104 - 19mm

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Drawer and Cabinet Specifications

Drawer box specification

Front view



Note: The inside drawer width must equal Cabinet opening width minus 49mm (1-15/16") to align and function optimally

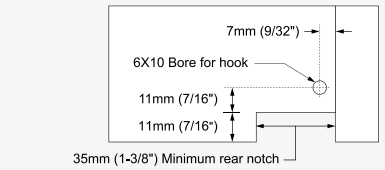
Calculating outside drawer width

For drawer side panel thickness	19mm (3/4")	18mm (11/16")	17mm (11/16")	16mm (5/8")	15mm (9/16")
Deduct from inside cabinet width	11mm (7/16")	13mm (1/2")	15mm (9/16")	17mm (11/16")	19mm (3/4")

Example: For 508mm (20") inside cabinet width and a 19mm (3/4") thick drawer panel, 508mm (20") minus 11mm (7/16") = 497mm (19 9/16") drawer width.

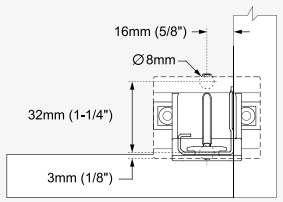
Drawer back preparation

Rear view



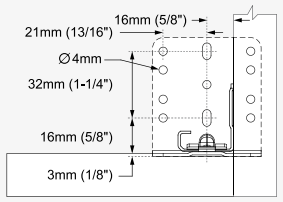
TCH - 23000 R.P.01 Rear mounting

Front view



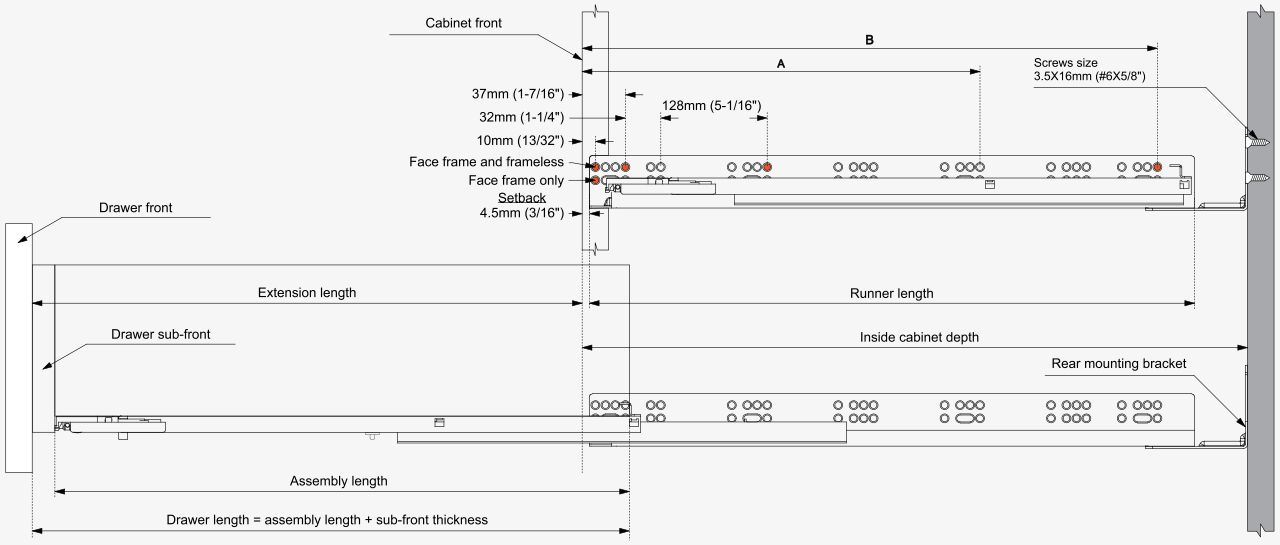
TCH - 23000 R.S.01 Rear mounting

Front view



Note:
Use a minimum of three screws per bracket

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Inside cabinet depth with rear attachment	
					A	B	Minimum	Maximum
TCH-23104 19.229.3D	229mm (9")	242mm (9 1/2")	213mm (8 3/8")	139mm (5 1/2")	-	229mm (9")	267mm (10 1/2")	292mm (11 1/2")
TCH-23104 19.305.3D	305mm (12")	318mm (12 1/2")	289mm (11 3/8")	256mm (10 1/16")	-	261mm (10 1/4")	343mm (13 1/2")	368mm (14 1/2")
TCH-23104 19.381.3D	381mm (15")	394mm (15 1/2")	365mm (14 3/8")	353mm (13 7/8")	261mm (10 1/4")	357mm (14 1/16")	419mm (16 1/2")	445mm (17 1/2")
TCH-23104 19.457.3D	457mm (18")	470mm (18 1/2")	441mm (17 3/8")	429mm (16 7/8")	357mm (14 1/16")	453mm (17 13/16")	495mm (19 1/2")	521mm (20 1/2")
TCH-23104 19.533.3D	533mm (21")	546mm (21 1/2")	517mm (20 3/8")	505mm (19 7/8")	357mm (14 1/16")	517mm (20 3/8")	571mm (22 1/2")	597mm (23 1/2")
TCH-23104 19.610.3D	610mm (24")	623mm (24 1/2")	594mm (23 3/8")	582mm (22 15/16")	357mm (14 1/16")	581mm (22 7/8")	648mm (25 1/2")	673mm (26 1/2")

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CLIP-ON SOFT CLOSE HEAVY DUTY UNDERMOUNT SLIDES

TCH-23105 - 16MM



Features

- 50kg (110lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment

Description

- Concealed drawer runners with soft-close mechanism
- Well-suited for frameless and blocked-out face frame cabinets
- Offered in lengths from 381mm (15") to 610mm (24")
- Compatible with material thicknesses ranging from 13mm (1/2") to 16mm (5/8")
- Ensures quiet and smooth closing through an integrated soft-closing mechanism
- Streamlined concealed design for easy installation
- Durable runners provide consistently smooth and controlled drawer glide

Applications

Standard Applications



Inset Drawer



PAGE 5

Slim Metal Drawer



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Pull-out Drawer



PAGE 98-103

Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
457mm (18")	381mm (15")	TCH-23105 16.381.3D
533mm (21")	457mm (18")	TCH-23105 16.457.3D
610mm (24")	533mm (21")	TCH-23105 16.533.3D
686mm (27")	610mm (24")	TCH-23105 16.610.3D

Runner set and components



TCH-23000 T-CL.3D



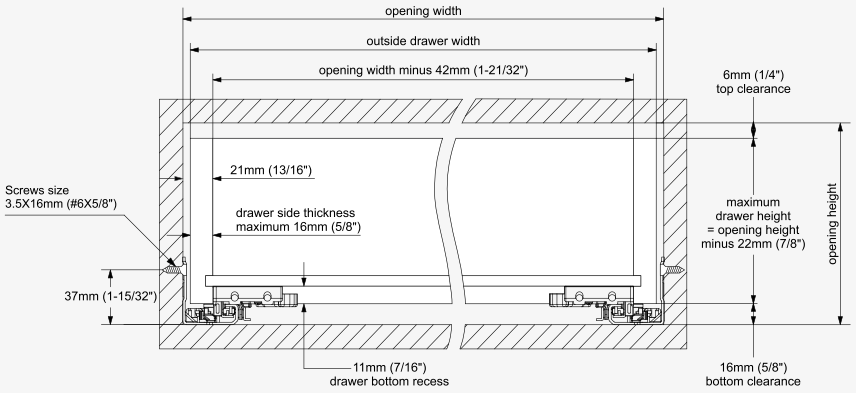
TCH-23105 - 16mm

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Drawer and Cabinet Specifications

Drawer box specification

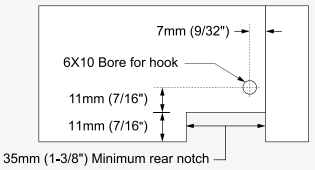
Front view



Note: The inside drawer width must equal Cabinet opening width minus 42mm (1-21/32") to align and function optimally

Drawer back preparation

Rear view

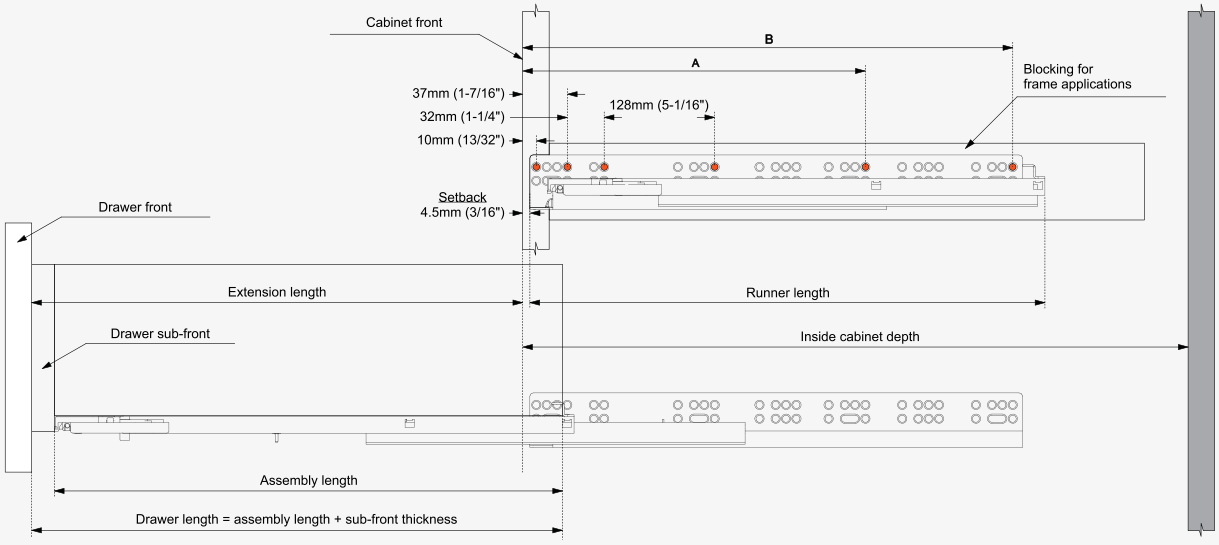


Calculating outside drawer width

For drawer side panel thickness	16mm (5/8")	15mm (9/16")	14mm (9/16")	13mm (1/2")	12mm (1/2")
Deduct from inside cabinet width	10mm (3/8")	12mm (1/2")	14mm (9/16")	16mm (5/8")	18mm (11/16")

Example: For 508mm (20") inside cabinet width and a 16mm (5/8") thick drawer panel, 508mm (20") minus 10mm (3/8") = 498mm (19 5/8") drawer width.

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Minimum inside cabinet depth
					A	B	
TCH-23105 16.381.3D	381mm (15")	391mm (15 3/8")	365mm (14 3/8")	353mm (13 7/8")	261mm (10 1/4")	357mm (14 1/16")	406mm (16")
TCH-23105 16.457.3D	457mm (18")	467mm (18 3/8")	441mm (17 3/8")	429mm (16 7/8")	357mm (14 1/16")	421mm (16 9/16")	482mm (19")
TCH-23105 16.533.3D	533mm (21")	543mm (21 3/8")	517mm (20 3/8")	505mm (19 7/8")	357mm (14 1/16")	517mm (20 3/8")	558mm (22")
TCH-23105 16.610.3D	610mm (24")	620mm (24 7/16")	594mm (23 3/8")	582mm (22 15/16")	357mm (14 1/16")	549mm (21 5/8")	635mm (25")

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CLIP-ON SOFT CLOSE HEAVY DUTY UNDERMOUNT SLIDES

TCH-23105 - 19MM



Features

- 50kg (110lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment

Description

- Concealed drawer runners with soft-close mechanism
- Well-suited for frameless and blocked-out face frame cabinets
- Offered in lengths from 381mm (15") to 610mm (24")
- Compatible with material thicknesses ranging from 16mm (5/8") to 19mm (3/4")
- Ensures quiet and smooth closing through an integrated soft-closing mechanism
- Streamlined concealed design for easy installation
- Durable runners provide consistently smooth and controlled drawer glide

Applications

Standard Applications



Inset Drawer



PAGE 5

Slim Metal Drawer



PAGE 92-97

Pull-out Drawer



PAGE 98-103

Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
457mm (18")	381mm (15")	TCH-23105 19.381.3D
533mm (21")	457mm (18")	TCH-23105 19.457.3D
610mm (24")	533mm (21")	TCH-23105 19.533.3D
686mm (27")	610mm (24")	TCH-23105 19.610.3D

Runner set and components



TCH-23000 T-CL.3D



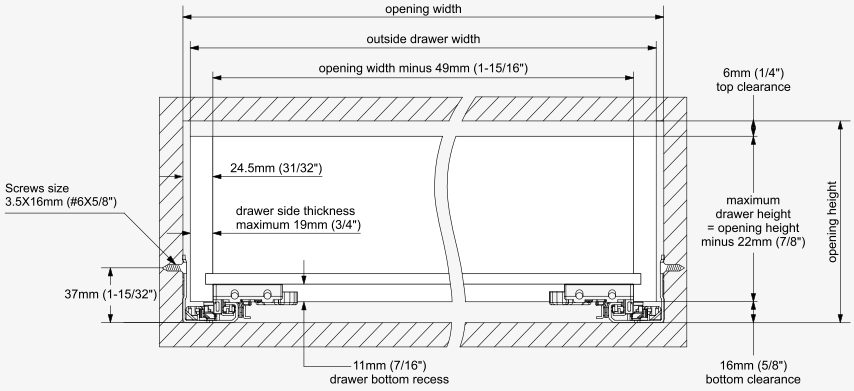
TCH-23105 - 19mm

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Drawer and Cabinet Specifications

Drawer box specification

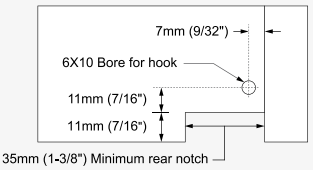
Front view



Note: The inside drawer width must equal Cabinet opening width minus 49mm (1-15/16") to align and function optimally

Drawer back preparation

Rear view

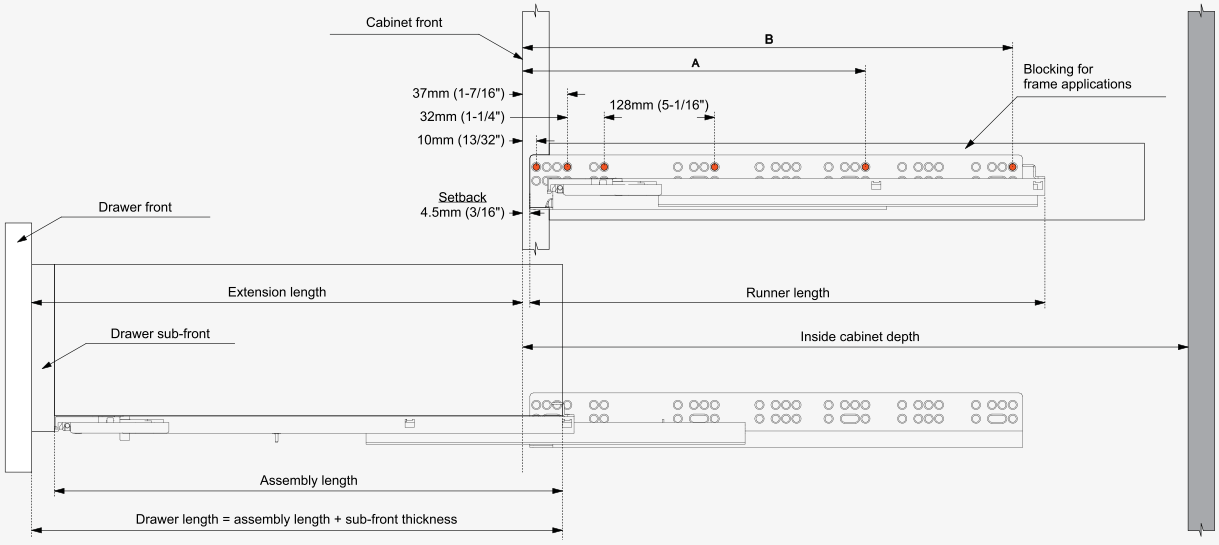


Calculating outside drawer width

For drawer side panel thickness	19mm (3/4")	18mm (11/16")	17mm (11/16")	16mm (5/8")	15mm (9/16")
Deduct from inside cabinet width	11mm (7/16")	13mm (1/2")	15mm (9/16")	17mm (11/16")	19mm (3/4")

Example: For 508mm (20") inside cabinet width and a 19mm (3/4") thick drawer panel, 508mm (20") minus 11mm (7/16") = 497mm (19 9/16") drawer width.

Runner mounting specifications



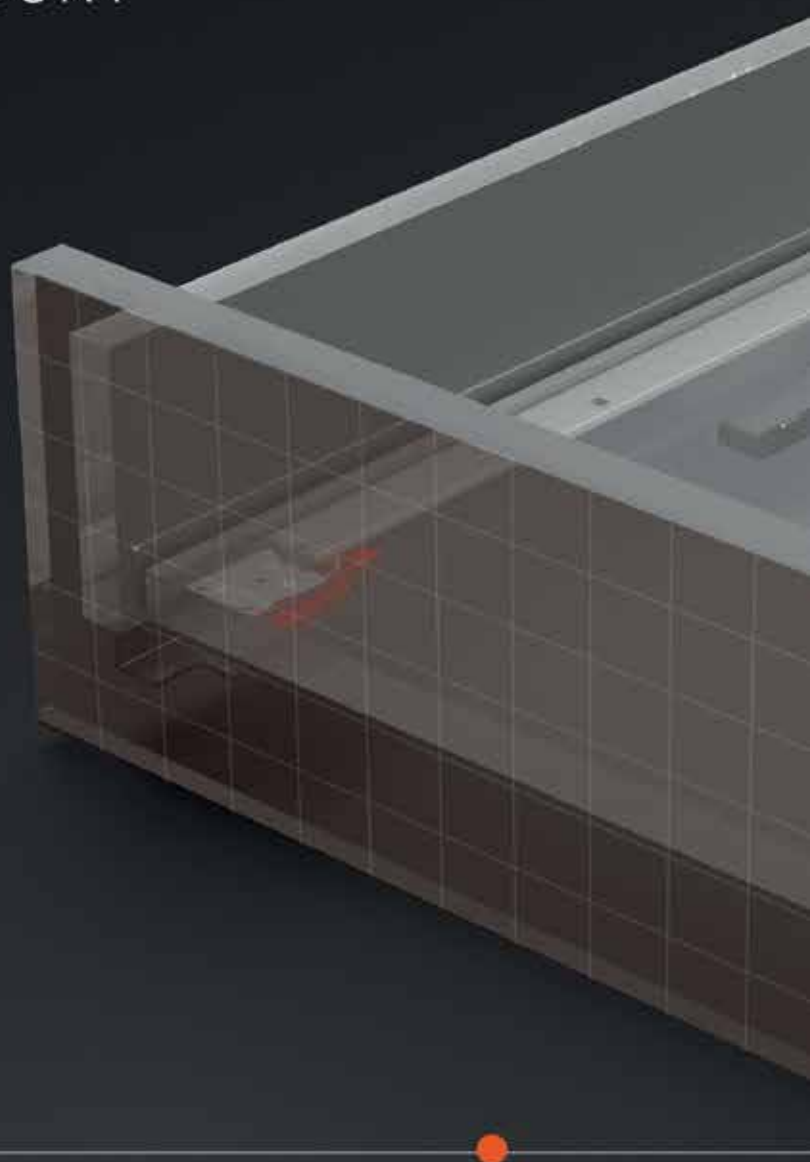
Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Minimum inside cabinet depth
					A	B	
TCH-23105 19.381.3D	381mm (15")	391mm (15 3/8")	365mm (14 3/8")	353mm (13 7/8")	261mm (10 1/4")	357mm (14 1/16")	406mm (16")
TCH-23105 19.457.3D	457mm (18")	467mm (18 3/8")	441mm (17 3/8")	429mm (16 7/8")	357mm (14 1/16")	421mm (16 9/16")	482mm (19")
TCH-23105 19.533.3D	533mm (21")	543mm (21 3/8")	517mm (20 3/8")	505mm (19 7/8")	357mm (14 1/16")	517mm (20 3/8")	558mm (22")
TCH-23105 19.610.3D	610mm (24")	620mm (24 7/16")	594mm (23 3/8")	582mm (22 15/16")	357mm (14 1/16")	549mm (21 5/8")	635mm (25")

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PUSH-OPEN UNDERMOUNT

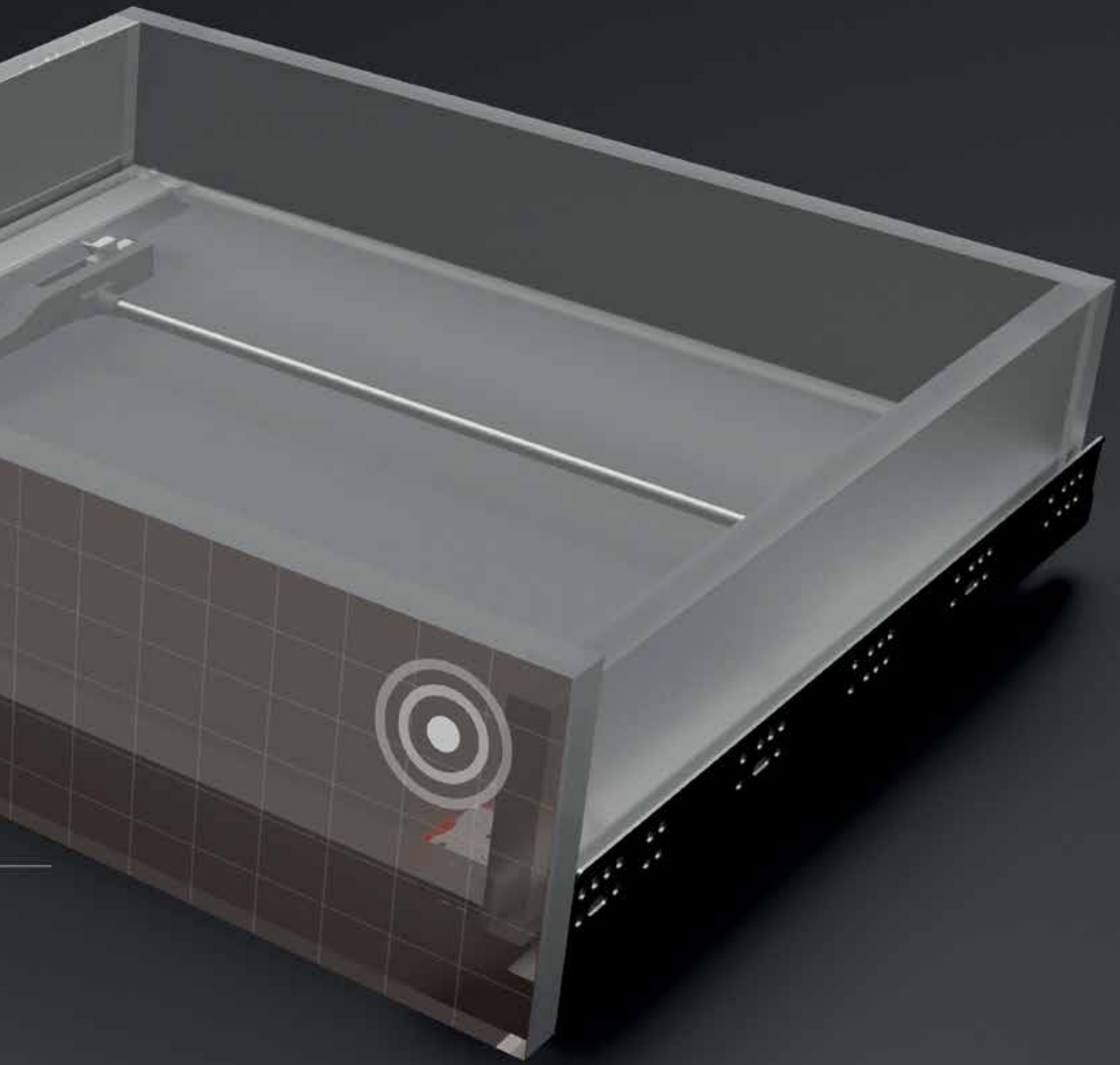
Discover the convenience and sleek design of our Push-Open Undermount Drawer Slides-crafted to provide effortless access with a simple push. Say goodbye to handles and knobs, and enjoy a clean, minimalist look that's perfect for modern cabinetry. Ideal for both residential and commercial spaces, these slides combine style and functionality for a seamless drawer experience.



KEY FEATURES

- Concealed Design
- Push-Open Mechanism
- Effortless and Silent Operation
- Compatible with Various Drawer Materials
- Suitable for Both Frameless and Face Frame Cabinets

TOUCH®



T - MOTION PUSH-OPEN UNDERMOUNT

TCH-23301 - 16MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment
- Synchronized motion system

Description

- Concealed drawer runners with push-open functionality
- Suited for frameless and blocked-out face frame cabinets
- Offered in lengths from 457mm (18") to 610mm (24")
- Compatible with material thicknesses ranging from 13mm (1/2") to 16mm (5/8")
- Enables effortless opening of the drawer via the push latch mechanism with a gentle touch on the drawer front
- Streamlined concealed design allows for effortless installation
- Durable runners ensure consistently smooth and controlled drawer glide

Applications









Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
533mm (21")	457mm (18")	TCH-23301 16.457.3D
610mm (24")	533mm (21")	TCH-23301 16.533.3D
686mm (27")	610mm (24")	TCH-23301 16.610.3D

Runner set and components



TCH-23000 T-CL.3D



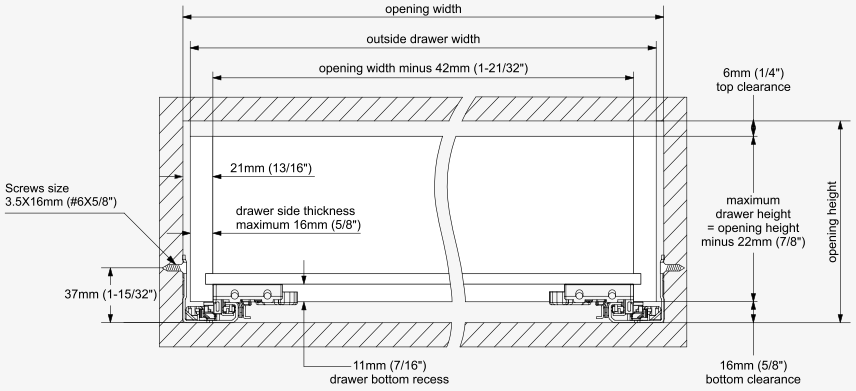
TCH-23301 - 16mm

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Drawer and Cabinet Specifications

Drawer box specification

Front view



Note: The inside drawer width must equal Cabinet opening width minus 42mm (1-21/32") to align and function optimally

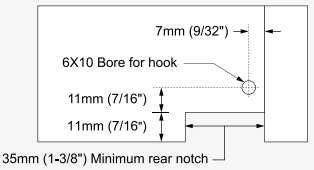
Calculating outside drawer width

For drawer side panel thickness	16mm (5/8")	15mm (9/16")	14mm (9/16")	13mm (1/2")	12mm (1/2")
Deduct from inside cabinet width	10mm (3/8")	12mm (1/2")	14mm (9/16")	16mm (5/8")	18mm (11/16")

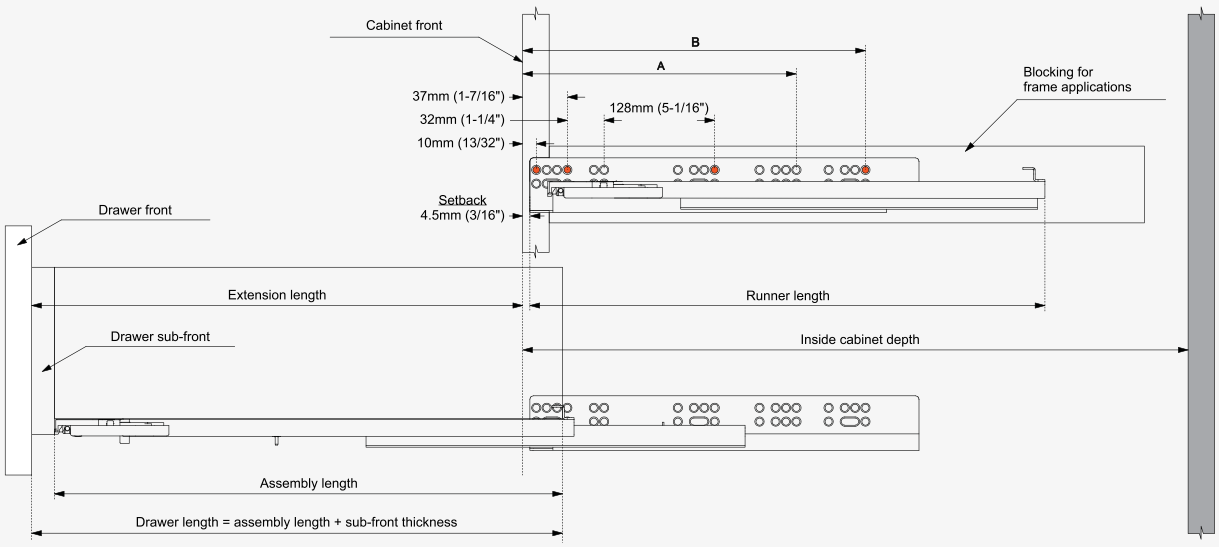
Example: For 508mm (20") inside cabinet width and a 16mm (5/8") thick drawer panel, 508mm (20") minus 10mm (3/8") = 498mm (19 5/8") drawer width.

Drawer back preparation

Rear view



Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Minimum inside cabinet depth
					A	B	
TCH-23301 16.457.3D	457mm (18")	470mm (18 1/2")	441mm (17 3/8")	429mm (16 7/8")	-	261mm (10 1/4")	482mm (19")
TCH-23301 16.533.3D	533mm (21")	546mm (21 1/2")	517mm (20 3/8")	505mm (19 7/8")	261mm (10 1/4")	325mm (12 13/16")	558mm (22")
TCH-23301 16.610.3D	610mm (24")	623mm (24 1/2")	594mm (23 3/8")	582mm (22 15/16")	261mm (10 1/4")	357mm (14 1/16")	635mm (25")

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T - MOTION PUSH-OPEN UNDERMOUNT

TCH-23301 - 19MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment
- Synchronized motion system

Description

- Concealed drawer runners with push-open functionality
- Suited for frameless and blocked-out face frame cabinets
- Offered in lengths from 457mm (18") to 610mm (24")
- Compatible with material thicknesses ranging from 16mm (5/8") to 19mm (3/4")
- Enables effortless opening of the drawer via the push latch mechanism with a gentle touch on the drawer front
- Streamlined concealed design allows for effortless installation
- Durable runners ensure consistently smooth and controlled drawer glide

Applications









Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
533mm (21")	457mm (18")	TCH-23301 19.457.3D
610mm (24")	533mm (21")	TCH-23301 19.533.3D
686mm (27")	610mm (24")	TCH-23301 19.610.3D

Runner set and components



TCH-23000 T-CL.3D



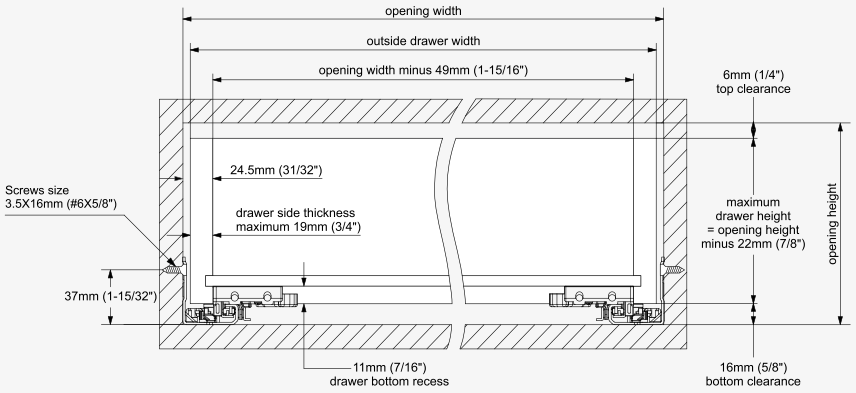
TCH-23301 - 19mm

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Drawer and Cabinet Specifications

Drawer box specification

Front view



Note: The inside drawer width must equal Cabinet opening width minus 49mm (1-15/16") to align and function optimally

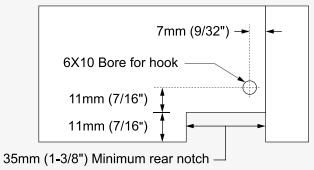
Calculating outside drawer width

For drawer side panel thickness	19mm (3/4")	18mm (11/16")	17mm (11/16")	16mm (5/8")	15mm (9/16")
Deduct from inside cabinet width	11mm (7/16")	13mm (1/2")	15mm (9/16")	17mm (11/16")	19mm (3/4")

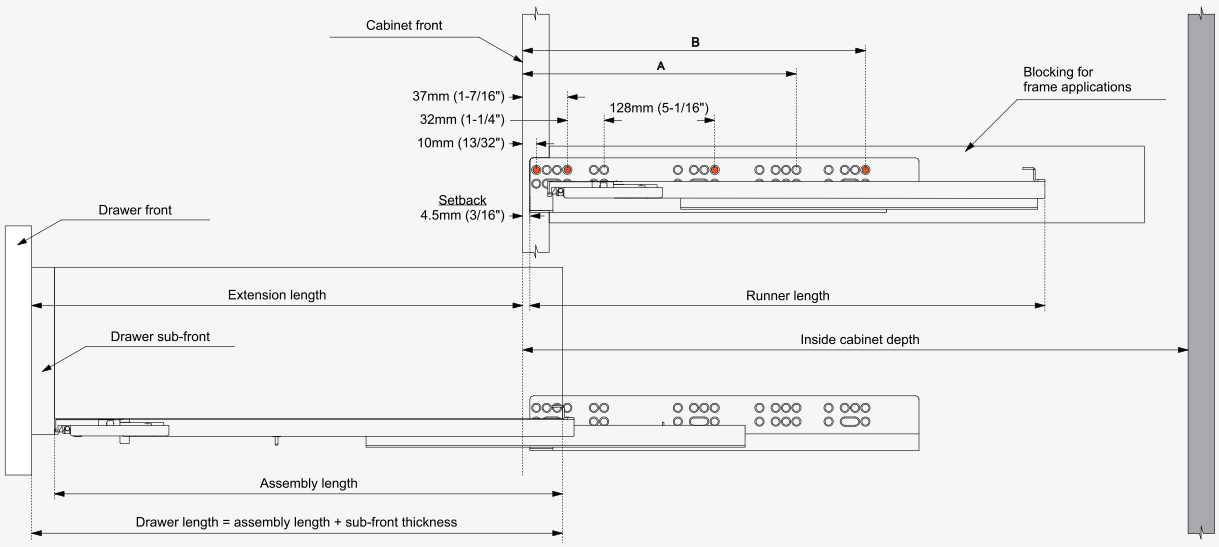
Example: For 508mm (20") inside cabinet width and a 19mm (3/4") thick drawer panel, 508mm (20") minus 11mm (7/16") = 497mm (19 9/16") drawer width.

Drawer back preparation

Rear view



Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Minimum inside cabinet depth
					A	B	
TCH-23301 19.457.3D	457mm (18")	470mm (18 1/2")	441mm (17 3/8")	429mm (16 7/8")	-	261mm (10 1/4")	482mm (19")
TCH-23301 19.533.3D	533mm (21")	546mm (21 1/2")	517mm (20 3/8")	505mm (19 7/8")	261mm (10 1/4")	325mm (12 13/16")	558mm (22")
TCH-23301 19.610.3D	610mm (24")	623mm (24 1/2")	594mm (23 3/8")	582mm (22 15/16")	261mm (10 1/4")	357mm (14 1/16")	635mm (25")

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T-MOTION PUSH-OPEN SYNCHRONIZED UNDERMOUNT SLIDES

TCH-23301.S - 16MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment
- Motion synchronization stabilizer

Description

- Concealed drawer runners with push-open mechanism
- Perfectly suited for frameless and blocked-out face frame cabinets
- Offered in lengths from 457mm (18") to 610mm (24")
- Designed for material thicknesses ranging from 13mm (1/2") to 16mm (5/8")
- Facilitates effortless opening of the drawer through a gentle touch on the front
- Recommended for drawer widths spanning from 610mm (24") to 1220mm (48")
- Durable runners ensure consistently smooth and controlled drawer glide

Applications

Standard Applications



Inset Drawer



Slim Metal Drawer



Pull-out Drawer



Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
533mm (21")	457mm (18")	TCH-23301.S 16.457.3D
610mm (24")	533mm (21")	TCH-23301.S 16.533.3D
686mm (27")	610mm (24")	TCH-23301.S 16.610.3D

Runner set and components



TCH-23000 T-CL.3D

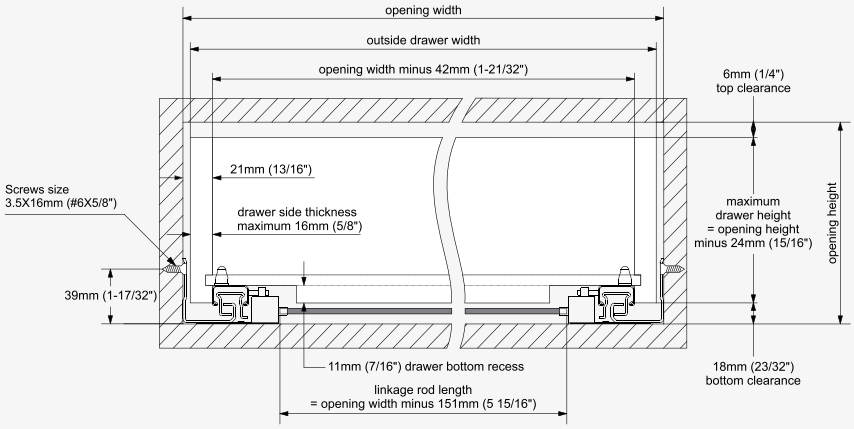


TCH-23301.S - 16mm

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Drawer box specification

Rear view



Note: The inside drawer width must equal Cabinet opening width minus 42mm (1-21/32") to align and function optimally

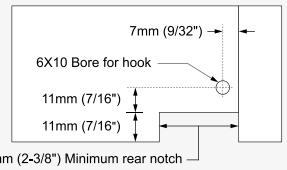
Calculating outside drawer width

For drawer side panel thickness	16mm (5/8")	15mm (9/16")	14mm (9/16")	13mm (1/2")	12mm (1/2")
Deduct from inside cabinet width	10mm (3/8")	12mm (1/2")	14mm (9/16")	16mm (5/8")	18mm (11/16")

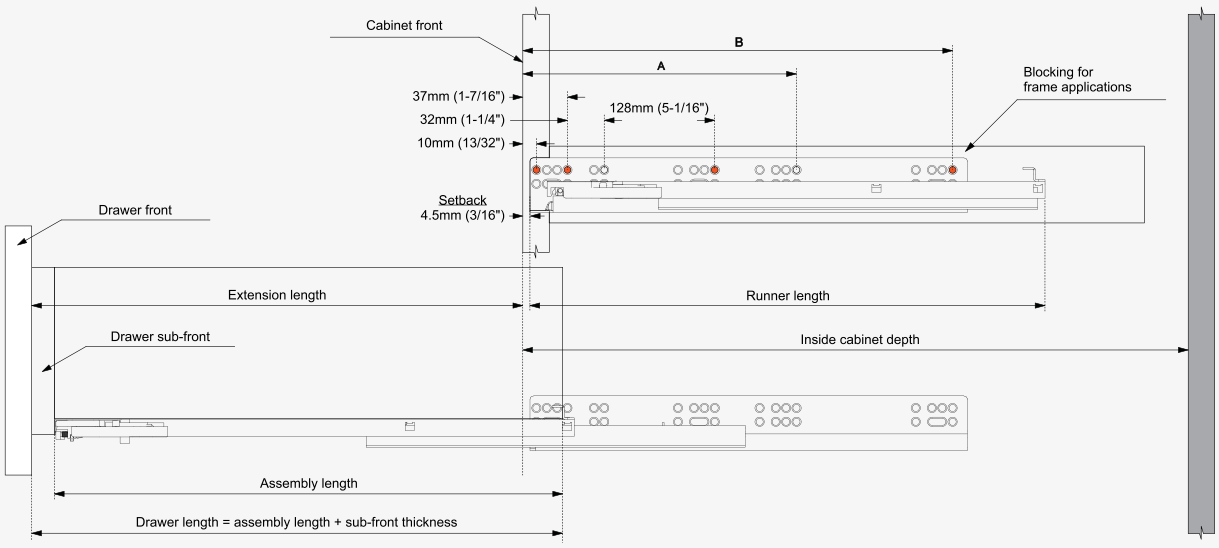
Example: For 508mm (20") inside cabinet width and a 16mm (5/8") thick drawer panel, 508mm (20") minus 10mm (3/8") = 498mm (19 5/8") drawer width.

Drawer back preparation

Rear view



Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Minimum inside cabinet depth
					A	B	
TCH-23301.S 16.457.3D	457mm (18")	470mm (18 1/2")	441mm (17 3/8")	429mm (16 7/8")	-	261mm (10 1/4")	482mm (19")
TCH-23301.S 16.533.3D	533mm (21")	546mm (21 1/2")	517mm (20 3/8")	505mm (19 7/8")	261mm (10 1/4")	325mm (12 13/16")	558mm (22")
TCH-23301.S 16.610.3D	610mm (24")	623mm (24 1/2")	594mm (23 3/8")	582mm (22 15/16")	261mm (10 1/4")	357mm (14 1/16")	635mm (25")

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T-MOTION PUSH-OPEN SYNCHRONIZED UNDERMOUNT SLIDES

TCH-23301.S - 19MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment
- Motion synchronization stabilizer

Description

- Concealed drawer runners with push-open mechanism
- Perfectly suited for frameless and blocked-out face frame cabinets
- Offered in lengths from 457mm (18") to 610mm (24")
- Designed for material thicknesses ranging from 16mm (5/8") to 19mm (3/4")
- Facilitates effortless opening of the drawer through a gentle touch on the front
- Recommended for drawer widths spanning from 610mm (24") to 1220mm (48")
- Durable runners ensure consistently smooth and controlled drawer glide

Applications

Standard Applications



Inset Drawer



Slim Metal Drawer



Pull-out Drawer



Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
533mm (21")	457mm (18")	TCH-23301.S 19.457.3D
610mm (24")	533mm (21")	TCH-23301.S 19.533.3D
686mm (27")	610mm (24")	TCH-23301.S 19.610.3D

Runner set and components



TCH-23000 T-CL.3D



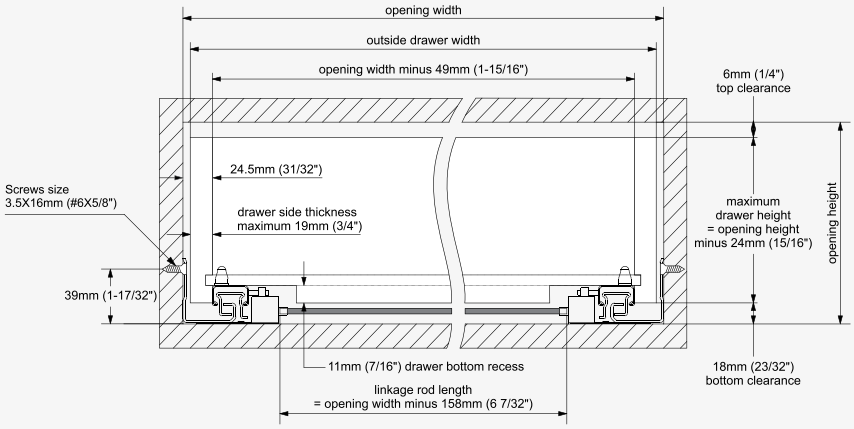
TCH-23301.S - 19mm

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Drawer and Cabinet Specifications

Drawer box specification

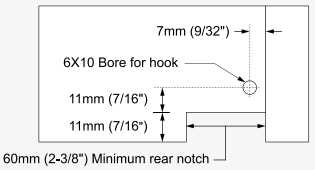
Rear view



Note: The inside drawer width must equal Cabinet opening width minus 49mm (1-15/16") to align and function optimally

Drawer back preparation

Rear view

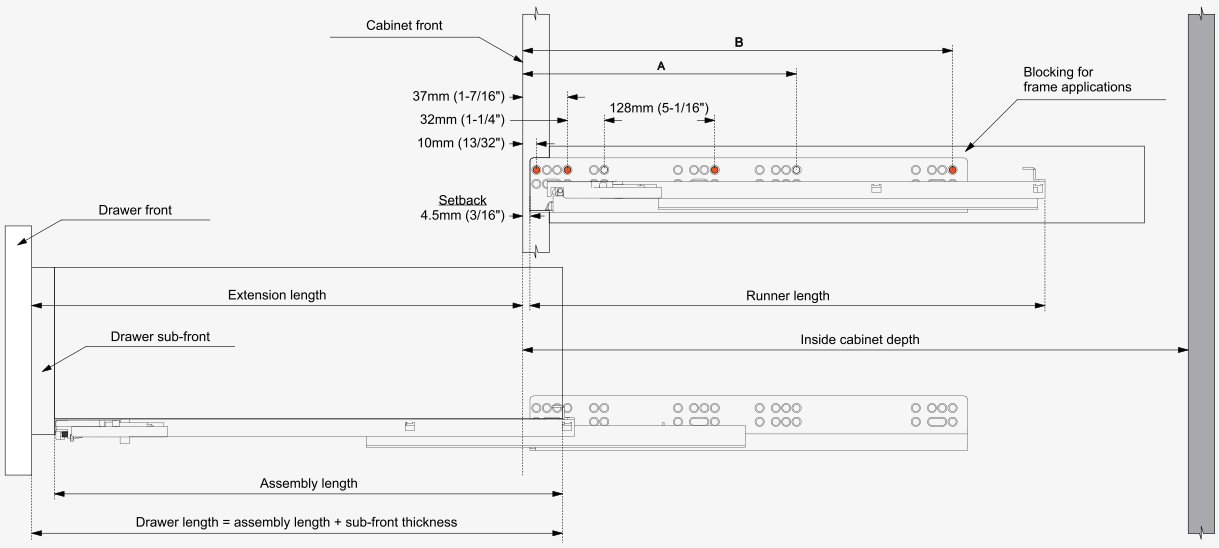


Calculating outside drawer width

For drawer side panel thickness	19mm (3/4")	18mm (11/16")	17mm (11/16")	16mm (5/8")	15mm (9/16")
Deduct from inside cabinet width	11mm (7/16")	13mm (1/2")	15mm (9/16")	17mm (11/16")	19mm (3/4")

Example: For 508mm (20") inside cabinet width and a 19mm (3/4") thick drawer panel, 508mm (20") minus 11mm (7/16") = 497mm (19 9/16") drawer width.

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Minimum inside cabinet depth
					A	B	
TCH-23301.S 19.457.3D	457mm (18")	470mm (18 1/2")	441mm (17 3/8")	429mm (16 7/8")	-	261mm (10 1/4")	482mm (19")
TCH-23301.S 19.533.3D	533mm (21")	546mm (21 1/2")	517mm (20 3/8")	505mm (19 7/8")	261mm (10 1/4")	325mm (12 13/16")	558mm (22")
TCH-23301.S 19.610.3D	610mm (24")	623mm (24 1/2")	594mm (23 3/8")	582mm (22 15/16")	261mm (10 1/4")	357mm (14 1/16")	635mm (25")

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T - MOTION PUSH-OPEN UNDERMOUNT

TCH-23302 - 16MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment
- Synchronized motion system

Description

- Concealed drawer runners with push-open functionality
- Suited for both frameless and face frame cabinets
- Offered in lengths from 305mm (12") to 533mm (21")
- Compatible with material thicknesses from 13mm (1/2") to 16mm (5/8")
- Enables effortless opening of the drawer via the push latch mechanism with a gentle touch on the drawer front
- Streamlined concealed design facilitates effortless installation
- Durable runners provide consistent smoothness and control for drawer glide

Applications









Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
381mm (15")	305mm (12")	TCH-23302 16.305.3D
457mm (18")	381mm (15")	TCH-23302 16.381.3D
533mm (21")	457mm (18")	TCH-23302 16.457.3D
610mm (24")	533mm (21")	TCH-23302 16.533.3D

Rear mounting brackets



TCH-23000 R.P.01



TCH-23000 R.S.01

Runner set and components



TCH-23000 T-CL.3D



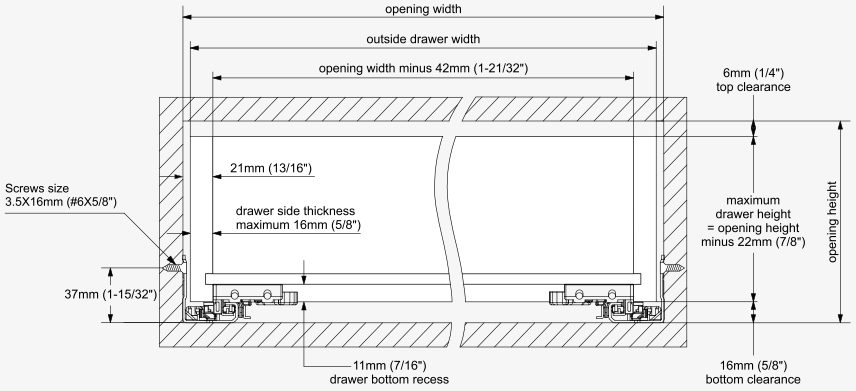
TCH-23302 - 16mm

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Drawer and Cabinet Specifications

Drawer box specification

Front view



Note: The inside drawer width must equal Cabinet opening width minus 42mm (1-21/32") to align and function optimally

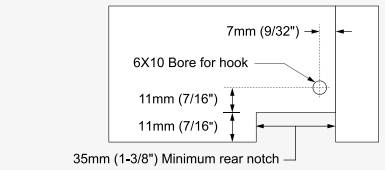
Calculating outside drawer width

For drawer side panel thickness	16mm (5/8")	15mm (9/16")	14mm (9/16")	13mm (1/2")	12mm (1/2")
Deduct from inside cabinet width	10mm (3/8")	12mm (1/2")	14mm (9/16")	16mm (5/8")	18mm (11/16")

Example: For 508mm (20") inside cabinet width and a 16mm (5/8") thick drawer panel, 508mm (20") minus 10mm (3/8") = 498mm (19 5/8") drawer width.

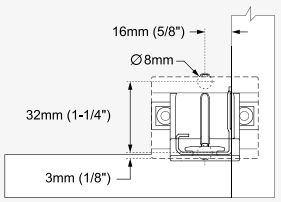
Drawer back preparation

Rear view



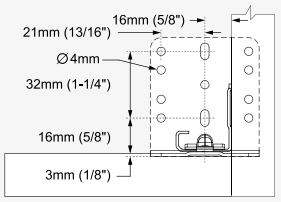
TCH - 23000 R.P.01 Rear mounting

Front view



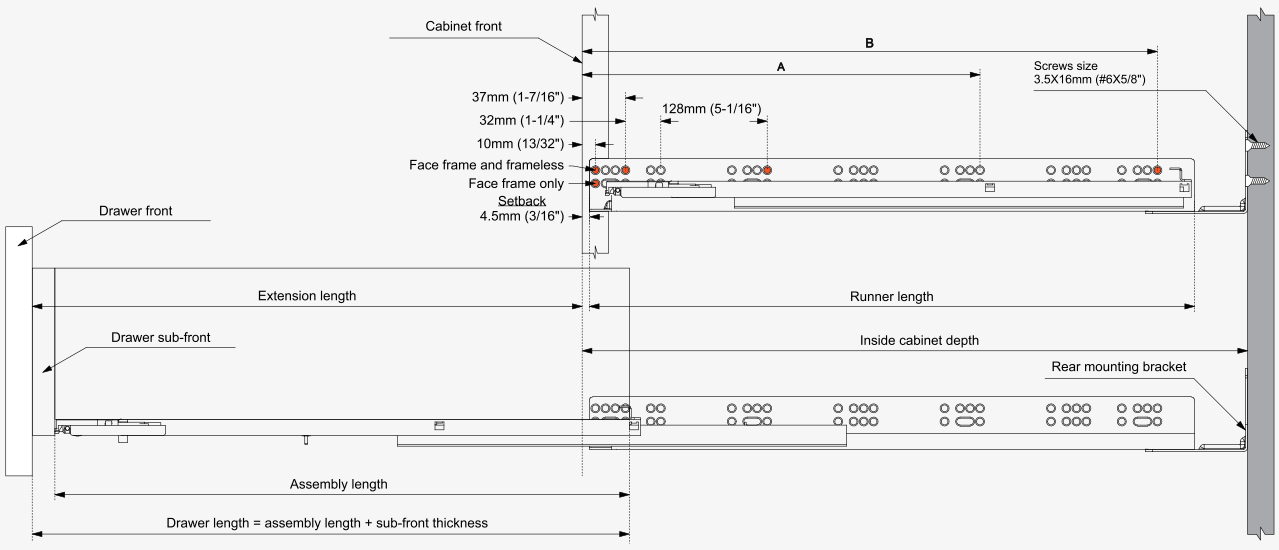
TCH - 23000 R.S.01 Rear mounting

Front view



Note:
Use a minimum of three screws per bracket

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Inside cabinet depth with rear attachment	
					A	B	Minimum	Maximum
TCH-23302 16.305.3D	305mm (12")	326mm (12 13/16")	289mm (11 3/8")	277mm (10 7/8")	-	261mm (10 1/4")	343mm (13 1/2")	368mm (14 1/2")
TCH-23302 16.381.3D	381mm (15")	402mm (15 13/16")	365mm (14 3/8")	353mm (13 7/8")	261mm (10 1/4")	357mm (14 1/16")	419mm (16 1/2")	445mm (17 1/2")
TCH-23302 16.457.3D	457mm (18")	478mm (18 13/16")	441mm (17 3/8")	429mm (16 7/8")	357mm (14 1/16")	453mm (17 13/16")	495mm (19 1/2")	521mm (20 1/2")
TCH-23302 16.533.3D	533mm (21")	554mm (21 13/16")	517mm (20 3/8")	505mm (19 7/8")	357mm (14 1/16")	517mm (20 3/8")	571mm (22 1/2")	597mm (23 1/2")

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T - MOTION PUSH-OPEN UNDERMOUNT

TCH-23302 - 19MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment
- Synchronized motion system

Description

- Concealed drawer runners with push-open functionality
- Suited for both frameless and face frame cabinets
- Offered in lengths from 305mm (12") to 533mm (21")
- Compatible with material thicknesses from 16mm (5/8") to 19mm (3/4")
- Enables effortless opening of the drawer via the push latch mechanism with a gentle touch on the drawer front
- Streamlined concealed design facilitates effortless installation
- Durable runners provide consistent smoothness and control for drawer glide

Applications

Standard Applications


PAGE 80-81

Inset Drawer


PAGE 5

Slim Metal Drawer


PAGE 92-97

Pull-out Drawer


PAGE 98-103

Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
381mm (15")	305mm (12")	TCH-23302 19.305.3D
457mm (18")	381mm (15")	TCH-23302 19.381.3D
533mm (21")	457mm (18")	TCH-23302 19.457.3D
610mm (24")	533mm (21")	TCH-23302 19.533.3D

Rear mounting brackets



TCH-23000 R.P.01



TCH-23000 R.S.01

Runner set and components



TCH-23000 T-CL.3D



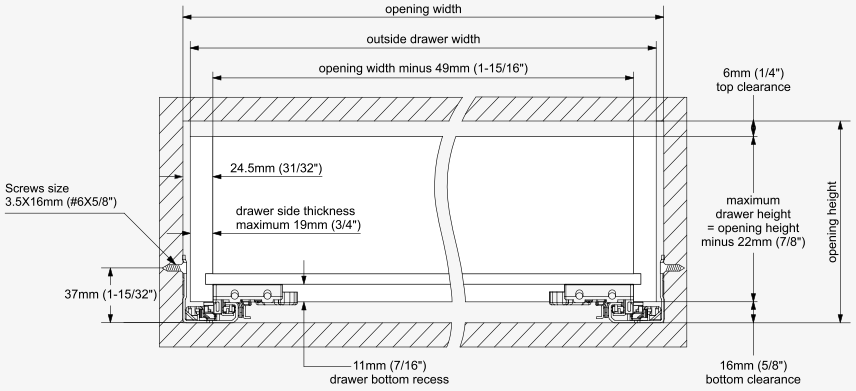
TCH-23302 - 19mm

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Drawer and Cabinet Specifications

Drawer box specification

Front view



Note: **The inside drawer width must equal Cabinet opening width minus 49mm (1-15/16") to align and function optimally**

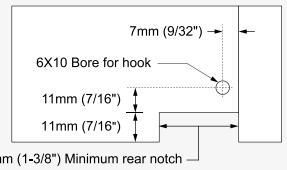
Calculating outside drawer width

For drawer side panel thickness	19mm (3/4")	18mm (11/16")	17mm (11/16")	16mm (5/8")	15mm (9/16")
Deduct from inside cabinet width	11mm (7/16")	13mm (1/2")	15mm (9/16")	17mm (11/16")	19mm (3/4")

Example: For 508mm (20") inside cabinet width and a 19mm (3/4") thick drawer panel, 508mm (20") minus 11mm (7/16") = 497mm (19 9/16") drawer width.

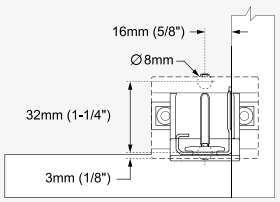
Drawer back preparation

Rear view



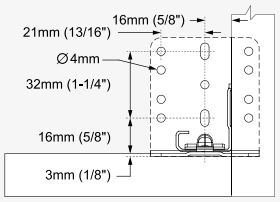
TCH - 23000 R.P.01 Rear mounting

Front view



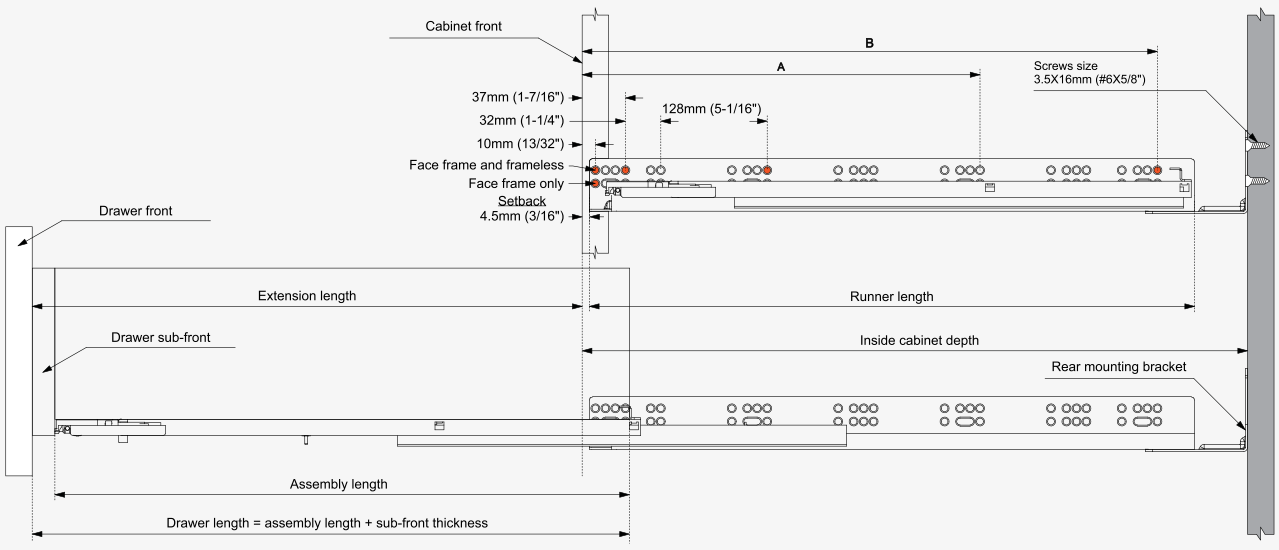
TCH - 23000 R.S.01 Rear mounting

Front view



Note:
Use a minimum of three screws per bracket

Runner mounting specifications



Note: **The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings**

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Inside cabinet depth with rear attachment	
					A	B	Minimum	Maximum
TCH-23302 19.305.3D	305mm (12")	326mm (12 13/16")	289mm (11 3/8")	277mm (10 7/8")	-	261mm (10 1/4")	343mm (13 1/2")	368mm (14 1/2")
TCH-23302 19.381.3D	381mm (15")	402mm (15 13/16")	365mm (14 3/8")	353mm (13 7/8")	261mm (10 1/4")	357mm (14 1/16")	419mm (16 1/2")	445mm (17 1/2")
TCH-23302 19.457.3D	457mm (18")	478mm (18 13/16")	441mm (17 3/8")	429mm (16 7/8")	357mm (14 1/16")	453mm (17 13/16")	495mm (19 1/2")	521mm (20 1/2")
TCH-23302 19.533.3D	533mm (21")	554mm (21 13/16")	517mm (20 3/8")	505mm (19 7/8")	357mm (14 1/16")	517mm (20 3/8")	571mm (22 1/2")	597mm (23 1/2")

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T-MOTION PUSH-OPEN SYNCHRONIZED UNDERMOUNT SLIDES

TCH-23302.S - 16MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment
- Motion synchronization stabilizer

Description

- Concealed drawer runners with push-open mechanism
- Suited for both frameless and face frame cabinets
- Offered in lengths spanning from 305mm (12") to 533mm (21")
- Compatible with material thicknesses from 13mm (1/2") to 16mm (5/8")
- Facilitates effortless opening of drawers via the push latch mechanism with a gentle touch on the drawer front
- Recommended for drawer widths ranging from 610mm (24") to 1220mm (48")
- Durable runners ensure consistently smooth and controlled drawer glide

Applications









Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
381mm (15")	305mm (12")	TCH-23302.S 16.305.3D
457mm (18")	381mm (15")	TCH-23302.S 16.381.3D
533mm (21")	457mm (18")	TCH-23302.S 16.457.3D
610mm (24")	533mm (21")	TCH-23302.S 16.533.3D

Rear mounting brackets



TCH-23000 R.P.01



TCH-23000 R.S.01

Runner set and components



TCH-23000 T-CL.3D



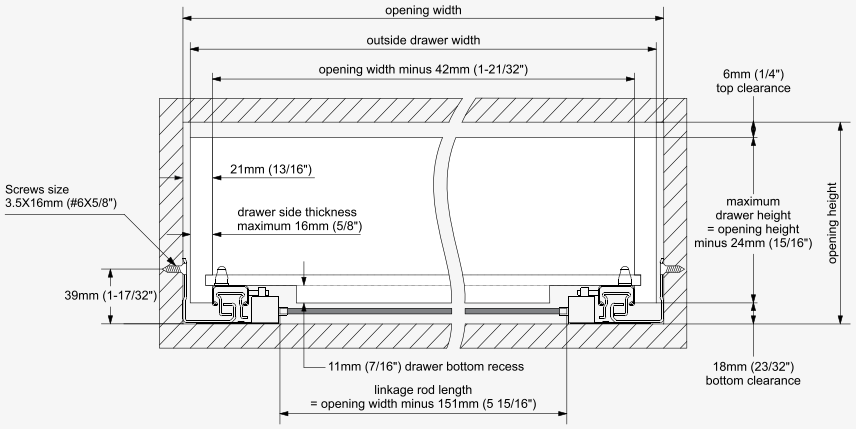
TCH-23302.S - 16mm

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Drawer and Cabinet Specifications

Drawer box specification

Rear view



Note: The inside drawer width must equal Cabinet opening width minus 42mm (1-21/32") to align and function optimally

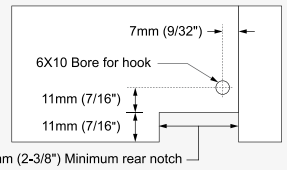
Calculating outside drawer width

For drawer side panel thickness	16mm (5/8")	15mm (9/16")	14mm (9/16")	13mm (1/2")	12mm (1/2")
Deduct from inside cabinet width	10mm (3/8")	12mm (1/2")	14mm (9/16")	16mm (5/8")	18mm (11/16")

Example: For 508mm (20") inside cabinet width and a 16mm (5/8") thick drawer panel, 508mm (20") minus 10mm (3/8") = 498mm (19 5/8") drawer width.

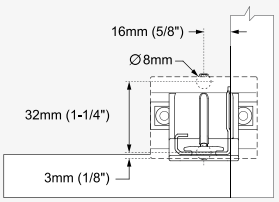
Drawer back preparation

Rear view



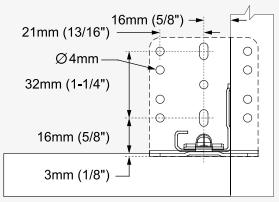
TCH - 23000 R.P.01 Rear mounting

Front view



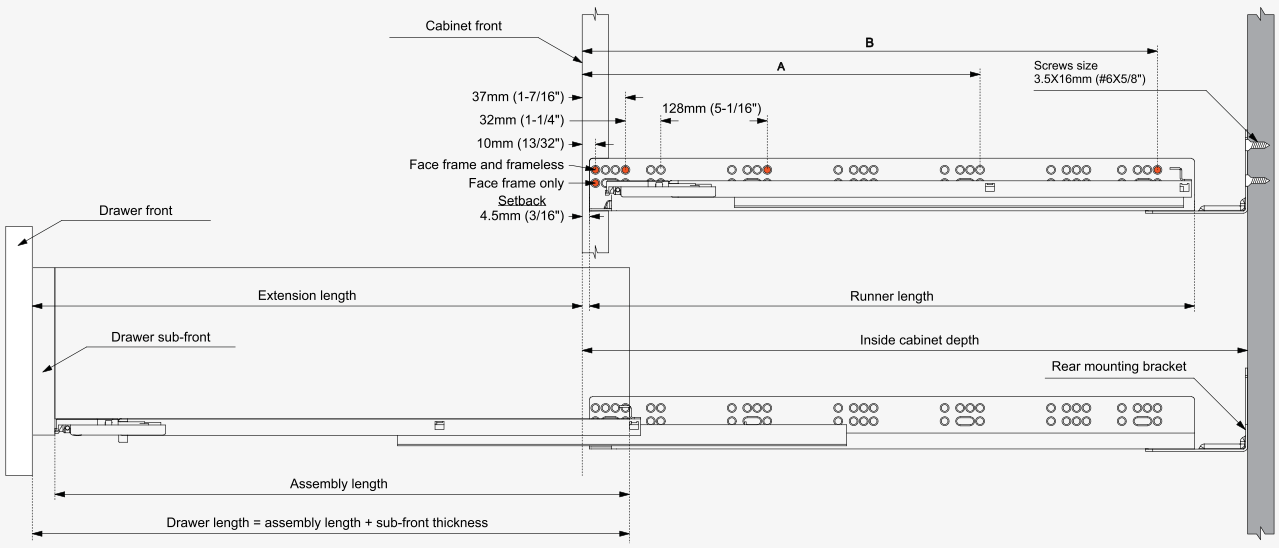
TCH - 23000 R.S.01 Rear mounting

Front view



Note:
Use a minimum of three screws per bracket

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Inside cabinet depth with rear attachment	
					A	B	Minimum	Maximum
TCH-23302.S 16.305.3D	305mm (12")	326mm (12 13/16")	289mm (11 3/8")	277mm (10 7/8")	-	261mm (10 1/4")	343mm (13 1/2")	368mm (14 1/2")
TCH-23302.S 16.381.3D	381mm (15")	402mm (15 13/16")	365mm (14 3/8")	353mm (13 7/8")	261mm (10 1/4")	357mm (14 1/16")	419mm (16 1/2")	445mm (17 1/2")
TCH-23302.S 16.457.3D	457mm (18")	478mm (18 13/16")	441mm (17 3/8")	429mm (16 7/8")	357mm (14 1/16")	453mm (17 13/16")	495mm (19 1/2")	521mm (20 1/2")
TCH-23302.S 16.533.3D	533mm (21")	554mm (21 13/16")	517mm (20 3/8")	505mm (19 7/8")	357mm (14 1/16")	517mm (20 3/8")	571mm (22 1/2")	597mm (23 1/2")

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T-MOTION PUSH-OPEN SYNCHRONIZED UNDERMOUNT SLIDES

TCH-23302.S - 19MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment
- Motion synchronization stabilizer

Description

- Concealed drawer runners with push-open mechanism
- Suited for both frameless and face frame cabinets
- Offered in lengths spanning from 305mm (12") to 533mm (21")
- Compatible with material thicknesses from 16mm (5/8") to 19mm (3/4")
- Facilitates effortless opening of drawers via the push latch mechanism with a gentle touch on the drawer front
- Recommended for drawer widths ranging from 610mm (24") to 1220mm (48")
- Durable runners ensure consistently smooth and controlled drawer glide

Applications









Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
381mm (15")	305mm (12")	TCH-23302.S 19.305.3D
457mm (18")	381mm (15")	TCH-23302.S 19.381.3D
533mm (21")	457mm (18")	TCH-23302.S 19.457.3D
610mm (24")	533mm (21")	TCH-23302.S 19.533.3D

Rear mounting brackets



TCH-23000 R.P.01



TCH-23000 R.S.01

Runner set and components



TCH-23000 T-CL.3D



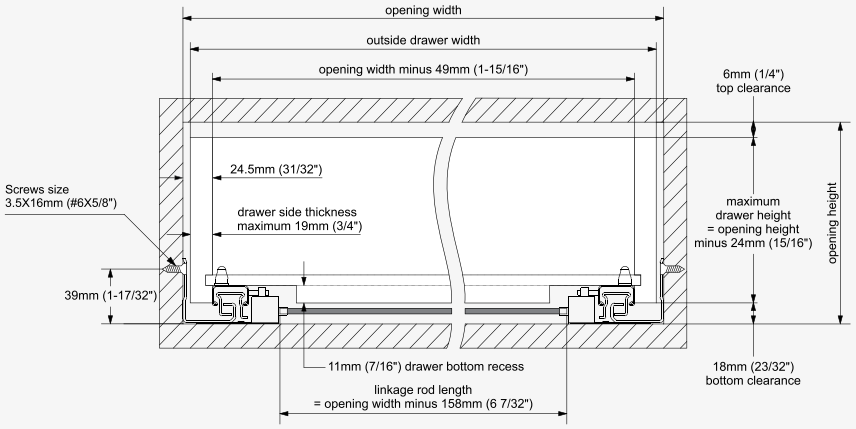
TCH-23302.S - 19mm

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Drawer and Cabinet Specifications

Drawer box specification

Rear view



Note: The inside drawer width must equal Cabinet opening width minus 49mm (1-15/16") to align and function optimally

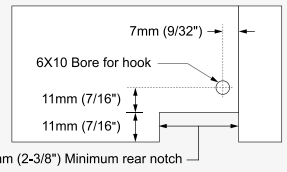
Calculating outside drawer width

For drawer side panel thickness	19mm (3/4")	18mm (11/16")	17mm (11/16")	16mm (5/8")	15mm (9/16")
Deduct from inside cabinet width	11mm (7/16")	13mm (1/2")	15mm (9/16")	17mm (11/16")	19mm (3/4")

Example: For 508mm (20") inside cabinet width and a 19mm (3/4") thick drawer panel, 508mm (20") minus 11mm (7/16") = 497mm (19 9/16") drawer width.

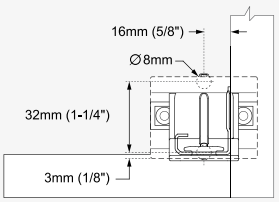
Drawer back preparation

Rear view



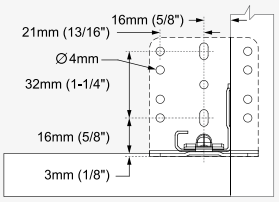
TCH - 23000 R.P.01 Rear mounting

Front view



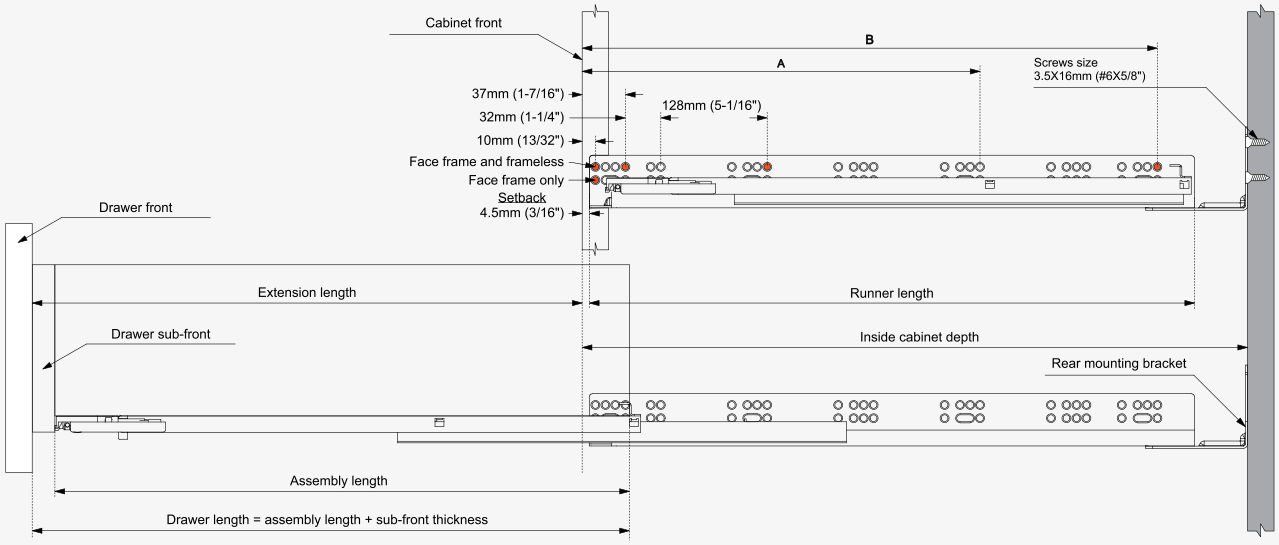
TCH - 23000 R.S.01 Rear mounting

Front view



Note:
Use a minimum of three screws per bracket

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Inside cabinet depth with rear attachment	
					A	B	Minimum	Maximum
TCH-23302.S 19.305.3D	305mm (12")	326mm (12 13/16")	289mm (11 3/8")	277mm (10 7/8")	-	261mm (10 1/4")	343mm (13 1/2")	368mm (14 1/2")
TCH-23302.S 19.381.3D	381mm (15")	402mm (15 13/16")	365mm (14 3/8")	353mm (13 7/8")	261mm (10 1/4")	357mm (14 1/16")	419mm (16 1/2")	445mm (17 1/2")
TCH-23302.S 19.457.3D	457mm (18")	478mm (18 13/16")	441mm (17 3/8")	429mm (16 7/8")	357mm (14 1/16")	453mm (17 13/16")	495mm (19 1/2")	521mm (20 1/2")
TCH-23302.S 19.533.3D	533mm (21")	554mm (21 13/16")	517mm (20 3/8")	505mm (19 7/8")	357mm (14 1/16")	517mm (20 3/8")	571mm (22 1/2")	597mm (23 1/2")

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CLIP-ON PUSH-OPEN UNDERMOUNT

TCH-23303 - 16MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment

Description

- Concealed drawer runners with push-open functionality
- Well-suited for frameless and blocked-out face frame cabinets
- Lengths available from 457mm (18") to 610mm (24")
- Compatible with material thicknesses ranging from 13mm (1/2") to 16mm (5/8")
- Enables effortless opening of the drawer via the push latch mechanism with a gentle touch on the drawer front
- Streamlined concealed design facilitates effortless installation
- Durable runners ensure consistently smooth and controlled drawer glide

Applications

Standard Applications


PAGE 80-81

Inset Drawer


PAGE 5

Slim Metal Drawer


PAGE 92-97

Pull-out Drawer


PAGE 98-103

Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
533mm (21")	457mm (18")	TCH-23303 16.457.3D
610mm (24")	533mm (21")	TCH-23303 16.533.3D
686mm (27")	610mm (24")	TCH-23303 16.610.3D

Runner set and components



TCH-23000 CL.3D



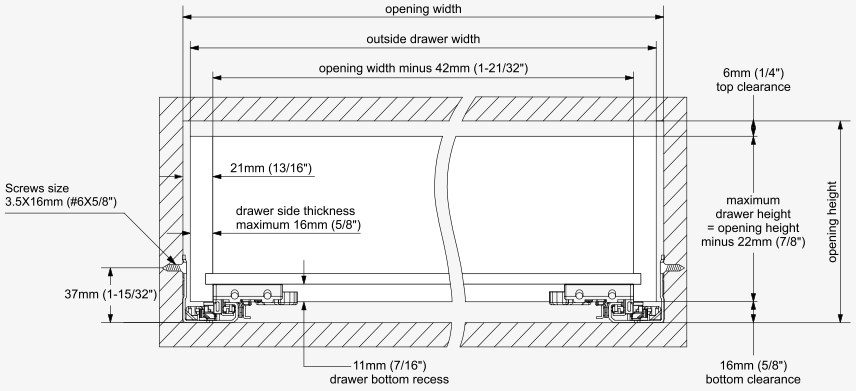
TCH-23303 - 16mm

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Drawer and Cabinet Specifications

Drawer box specification

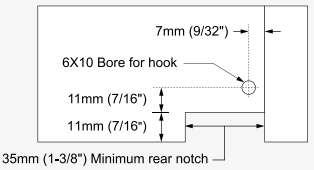
Front view



Note: The inside drawer width must equal Cabinet opening width minus 42mm (1-21/32") to align and function optimally

Drawer back preparation

Rear view

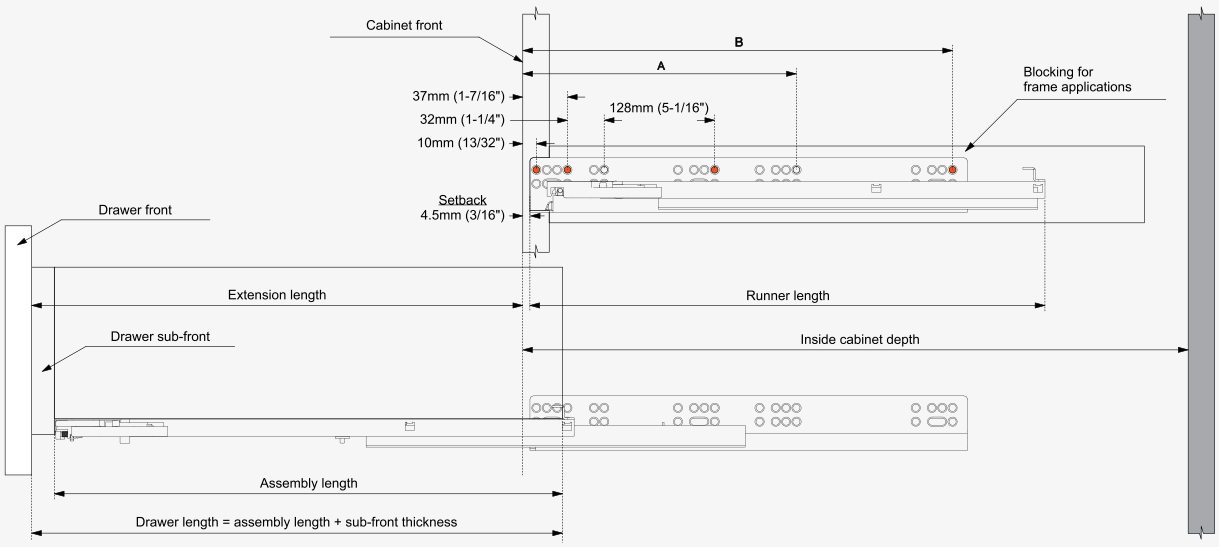


Calculating outside drawer width

For drawer side panel thickness	16mm (5/8")	15mm (9/16")	14mm (9/16")	13mm (1/2")	12mm (1/2")
Deduct from inside cabinet width	10mm (3/8")	12mm (1/2")	14mm (9/16")	16mm (5/8")	18mm (11/16")

Example: For 508mm (20") inside cabinet width and a 16mm (5/8") thick drawer panel, 508mm (20") minus 10mm (3/8") = 498mm (19 5/8") drawer width.

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Minimum inside cabinet depth
					A	B	
TCH-23303 16.457.3D	457mm (18")	462mm (18 3/16")	441mm (17 3/8")	429mm (16 7/8")	-	261mm (10 1/4")	482mm (19")
TCH-23303 16.533.3D	533mm (21")	538mm (21 3/16")	517mm (20 3/8")	505mm (19 7/8")	261mm (10 1/4")	325mm (12 13/16")	558mm (22")
TCH-23303 16.610.3D	610mm (24")	615mm (24 3/16")	594mm (23 3/8")	582mm (22 15/16")	261mm (10 1/4")	357mm (14 1/16")	635mm (25")

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CLIP-ON PUSH-OPEN UNDERMOUNT

TCH-23303 - 19MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment

Description

- Concealed drawer runners with push-open functionality
- Well-suited for frameless and blocked-out face frame cabinets
- Lengths available from 457mm (18") to 610mm (24")
- Compatible with material thicknesses ranging from 16mm (5/8") to 19mm (3/4")
- Enables effortless opening of the drawer via the push latch mechanism with a gentle touch on the drawer front
- Streamlined concealed design facilitates effortless installation
- Durable runners ensure consistently smooth and controlled drawer glide

Applications

Standard Applications


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Inset Drawer


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Slim Metal Drawer


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Pull-out Drawer


PAGE 98-103

Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
533mm (21")	457mm (18")	TCH-23303 19.457.3D
610mm (24")	533mm (21")	TCH-23303 19.533.3D
686mm (27")	610mm (24")	TCH-23303 19.610.3D

Runner set and components



TCH-23000 CL.3D



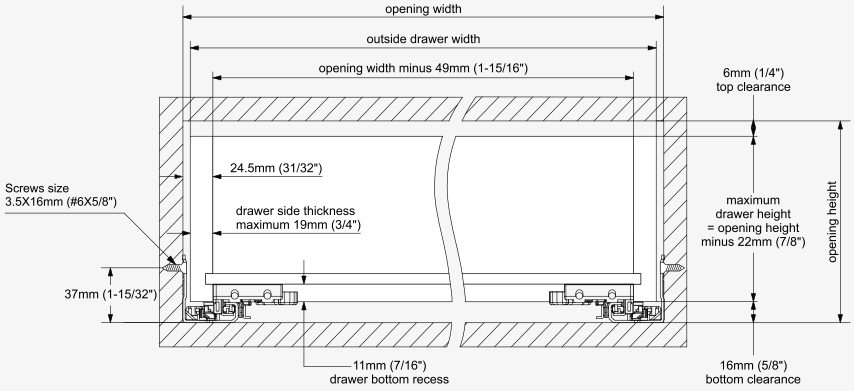
TCH-23303 - 19mm

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Drawer and Cabinet Specifications

Drawer box specification

Front view



Note: The inside drawer width must equal Cabinet opening width minus 49mm (1-15/16") to align and function optimally

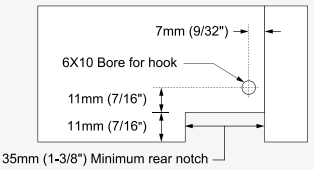
Calculating outside drawer width

For drawer side panel thickness	19mm (3/4")	18mm (11/16")	17mm (11/16")	16mm (5/8")	15mm (9/16")
Deduct from inside cabinet width	11mm (7/16")	13mm (1/2")	15mm (9/16")	17mm (11/16")	19mm (3/4")

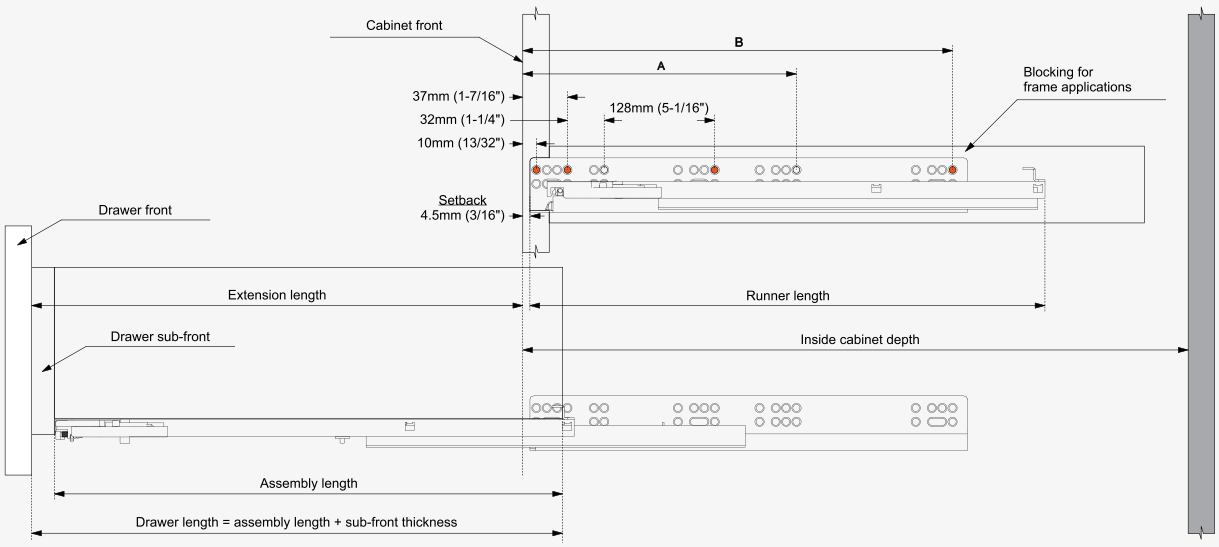
Example: For 508mm (20") inside cabinet width and a 19mm (3/4") thick drawer panel, 508mm (20") minus 11mm (7/16") = 497mm (19 9/16") drawer width.

Drawer back preparation

Rear view



Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Minimum inside cabinet depth
					A	B	
TCH-23303 19.457.3D	457mm (18")	462mm (18 3/16")	441mm (17 3/8")	429mm (16 7/8")	-	261mm (10 1/4")	482mm (19")
TCH-23303 19.533.3D	533mm (21")	538mm (21 3/16")	517mm (20 3/8")	505mm (19 7/8")	261mm (10 1/4")	325mm (12 13/16")	558mm (22")
TCH-23303 19.610.3D	610mm (24")	615mm (24 3/16")	594mm (23 3/8")	582mm (22 15/16")	261mm (10 1/4")	357mm (14 1/16")	635mm (25")

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CLIP-ON PUSH-OPEN SYNCHRONIZED UNDERMOUNT

TCH-23303.S - 16MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment
- Motion synchronization stabilizer

Description

- Concealed drawer runners with push-open mechanism
- Perfectly suited for frameless and blocked-out face frame cabinets
- Offered in lengths from 457mm (18") to 610mm (24")
- Designed for material thicknesses ranging from 13mm (1/2") to 16mm (5/8")
- Facilitates effortless opening of the drawer through a gentle touch on the front
- Recommended for drawer widths spanning from 610mm (24") to 1220mm (48")
- Durable runners ensure consistently smooth and controlled drawer glide

Applications









Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
533mm (21")	457mm (18")	TCH-23303.S 16.457.3D
610mm (24")	533mm (21")	TCH-23303.S 16.533.3D
686mm (27")	610mm (24")	TCH-23303.S 16.610.3D

Runner set and components



TCH-23000 CL.3D



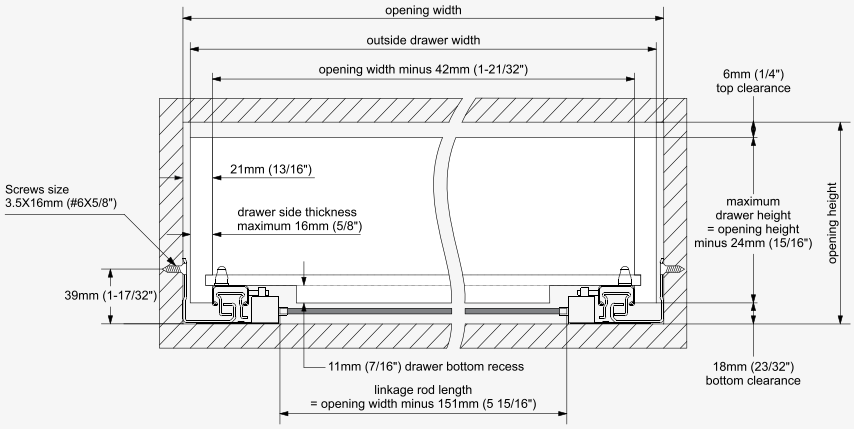
TCH-23303.S - 16mm

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Drawer and Cabinet Specifications

Drawer box specification

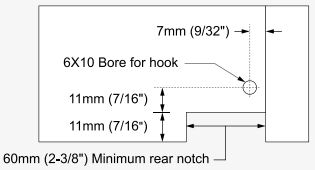
Rear view



Note: The inside drawer width must equal Cabinet opening width minus 42mm (1-21/32") to align and function optimally

Drawer back preparation

Rear view

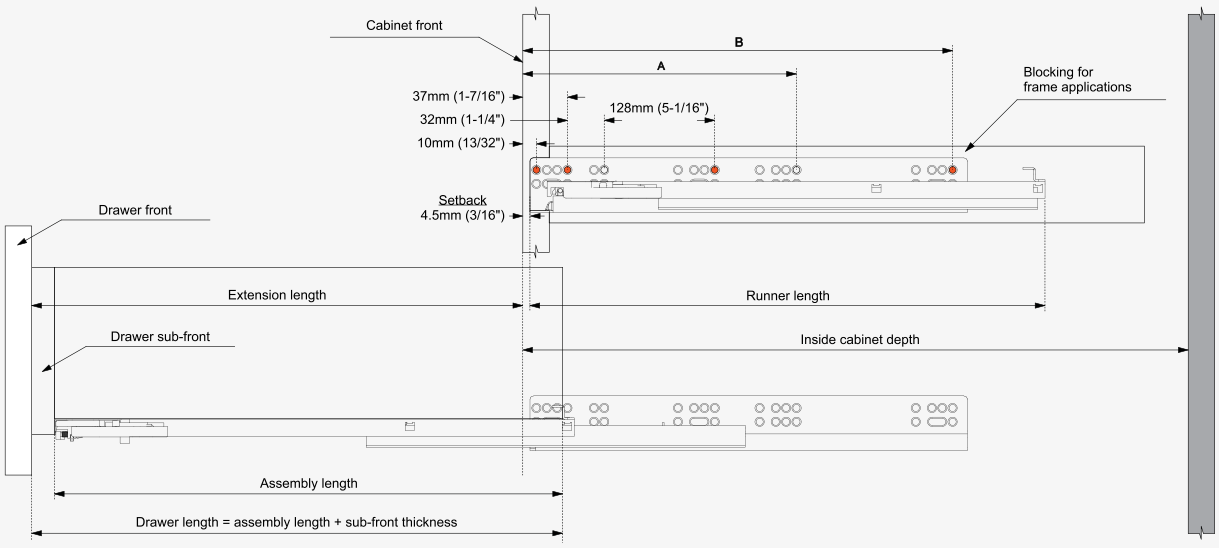


Calculating outside drawer width

For drawer side panel thickness	16mm (5/8")	15mm (9/16")	14mm (9/16")	13mm (1/2")	12mm (1/2")
Deduct from inside cabinet width	10mm (3/8")	12mm (1/2")	14mm (9/16")	16mm (5/8")	18mm (11/16")

Example: For 508mm (20") inside cabinet width and a 16mm (5/8") thick drawer panel, 508mm (20") minus 10mm (3/8") = 498mm (19 5/8") drawer width.

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Minimum inside cabinet depth
					A	B	
TCH-23303.S 16.457.3D	457mm (18")	462mm (18 3/16")	441mm (17 3/8")	429mm (16 7/8")	-	261mm (10 1/4")	482mm (19")
TCH-23303.S 16.533.3D	533mm (21")	538mm (21 3/16")	517mm (20 3/8")	505mm (19 7/8")	261mm (10 1/4")	325mm (12 13/16")	558mm (22")
TCH-23303.S 16.610.3D	610mm (24")	615mm (24 3/16")	594mm (23 3/8")	582mm (22 15/16")	261mm (10 1/4")	357mm (14 1/16")	635mm (25")

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CLIP-ON PUSH-OPEN SYNCHRONIZED UNDERMOUNT

TCH-23303.S - 19MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment
- Motion synchronization stabilizer

Description

- Concealed drawer runners with push-open mechanism
- Perfectly suited for frameless and blocked-out face frame cabinets
- Offered in lengths from 457mm (18") to 610mm (24")
- Designed for material thicknesses ranging from 16mm (5/8") to 19mm (3/4")
- Facilitates effortless opening of the drawer through a gentle touch on the front
- Recommended for drawer widths spanning from 610mm (24") to 1220mm (48")
- Durable runners ensure consistently smooth and controlled drawer glide

Applications

Standard Applications



Inset Drawer



Slim Metal Drawer



Pull-out Drawer



Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
533mm (21")	457mm (18")	TCH-23303.S 19.457.3D
610mm (24")	533mm (21")	TCH-23303.S 19.533.3D
686mm (27")	610mm (24")	TCH-23303.S 19.610.3D

Runner set and components



TCH-23000 CL.3D



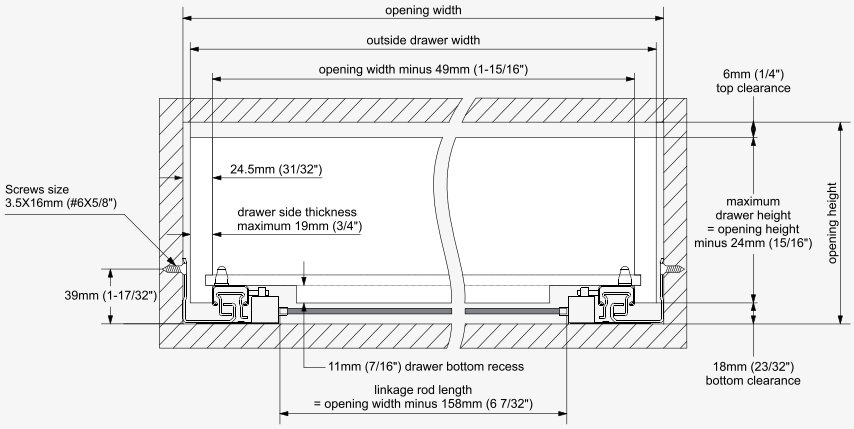
TCH-23303.S - 19mm

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Drawer and Cabinet Specifications

Drawer box specification

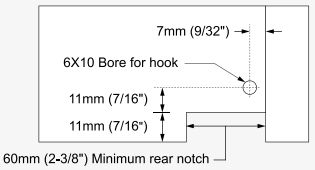
Rear view



Note: The inside drawer width must equal Cabinet opening width minus 49mm (1-15/16") to align and function optimally

Drawer back preparation

Rear view

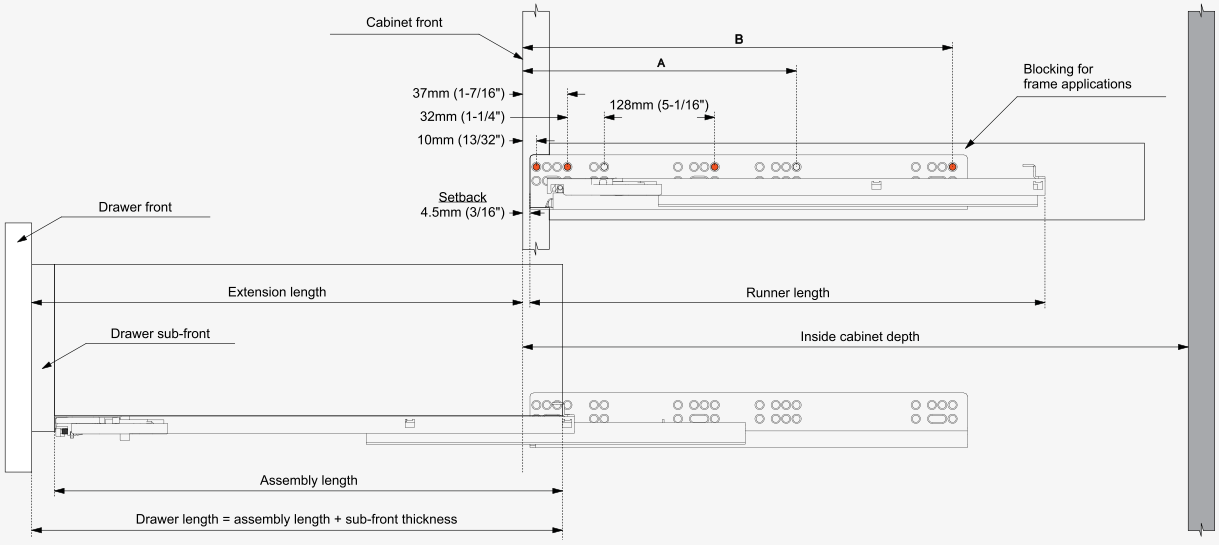


Calculating outside drawer width

For drawer side panel thickness	19mm (3/4")	18mm (11/16")	17mm (11/16")	16mm (5/8")	15mm (9/16")
Deduct from inside cabinet width	11mm (7/16")	13mm (1/2")	15mm (9/16")	17mm (11/16")	19mm (3/4")

Example: For 508mm (20") inside cabinet width and a 19mm (3/4") thick drawer panel, 508mm (20") minus 11mm (7/16") = 497mm (19 9/16") drawer width.

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Minimum inside cabinet depth
					A	B	
TCH-23303.S 19.457.3D	457mm (18")	462mm (18 3/16")	441mm (17 3/8")	429mm (16 7/8")	-	261mm (10 1/4")	482mm (19")
TCH-23303.S 19.533.3D	533mm (21")	538mm (21 3/16")	517mm (20 3/8")	505mm (19 7/8")	261mm (10 1/4")	325mm (12 13/16")	558mm (22")
TCH-23303.S 19.610.3D	610mm (24")	615mm (24 3/16")	594mm (23 3/8")	582mm (22 15/16")	261mm (10 1/4")	357mm (14 1/16")	635mm (25")

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CLIP-ON PUSH-OPEN UNDERMOUNT

TCH-23304 - 16MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment

Description

- Concealed drawer runners with push-open functionality
- Suited for frameless and face frame cabinets
- Offered in lengths from 229mm (9") to 610mm (24")
- Compatible with material thicknesses ranging from 13mm (1/2") to 16mm (5/8")
- Facilitates effortless opening of the push latch mechanism drawer with a gentle touch on the drawer front
- Streamlined concealed design ensures easy installation
- Durable runners provide consistently smooth and controlled drawer glide

Applications

Standard Applications


PAGE 80-81

Inset Drawer


PAGE 5

Slim Metal Drawer


PAGE 92-97

Pull-out Drawer


PAGE 98-103

Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
305mm (12")	229mm (9")	TCH-23304 16.229.3D
381mm (15")	305mm (12")	TCH-23304 16.305.3D
457mm (18")	381mm (15")	TCH-23304 16.381.3D
533mm (21")	457mm (18")	TCH-23304 16.457.3D
610mm (24")	533mm (21")	TCH-23304 16.533.3D
686mm (27")	610mm (24")	TCH-23304 16.610.3D

Rear mounting brackets



TCH-23000 R.P.01



TCH-23000 R.S.01

Runner set and components



TCH-23000 CL.3D



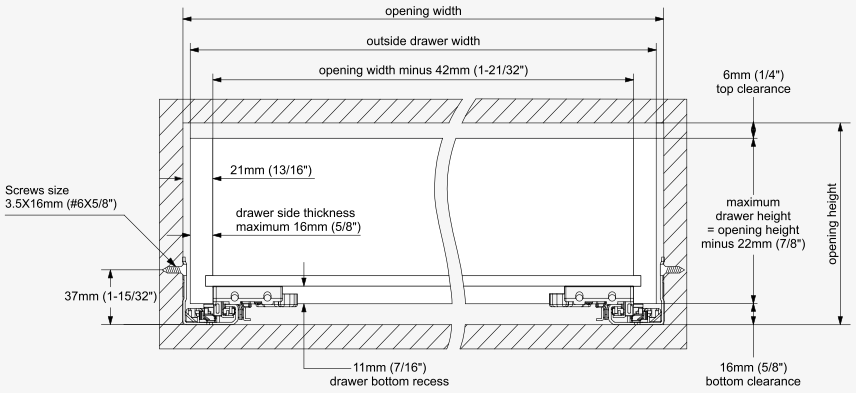
TCH-23304 - 16mm

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Drawer and Cabinet Specifications

Drawer box specification

Front view



Note: The inside drawer width must equal Cabinet opening width minus 42mm (1-21/32") to align and function optimally

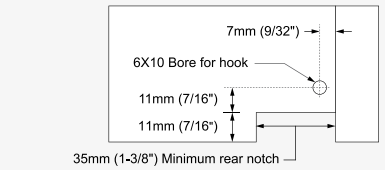
Calculating outside drawer width

For drawer side panel thickness	16mm (5/8")	15mm (9/16")	14mm (9/16")	13mm (1/2")	12mm (1/2")
Deduct from inside cabinet width	10mm (3/8")	12mm (1/2")	14mm (9/16")	16mm (5/8")	18mm (11/16")

Example: For 508mm (20") inside cabinet width and a 16mm (5/8") thick drawer panel, 508mm (20") minus 10mm (3/8") = 498mm (19 5/8") drawer width.

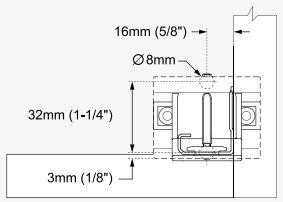
Drawer back preparation

Rear view



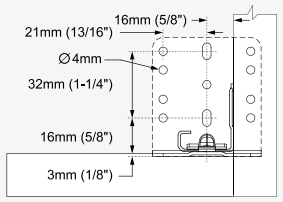
TCH - 23000 R.P.01 Rear mounting

Front view



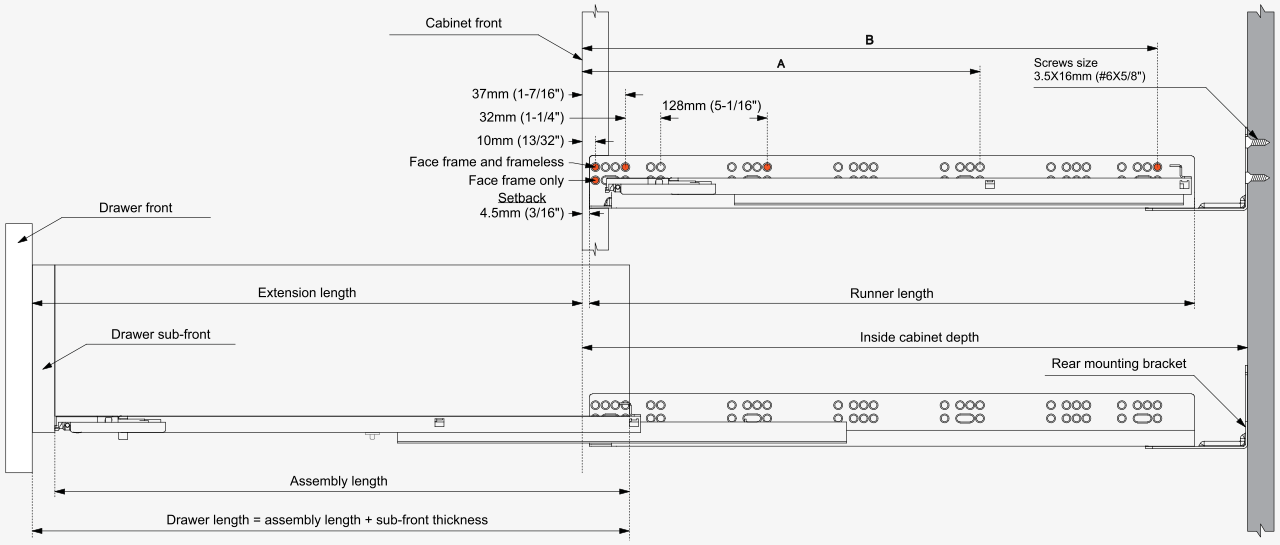
TCH - 23000 R.S.01 Rear mounting

Front view



Note:
Use a minimum of three screws per bracket

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Inside cabinet depth with rear attachment	
					A	B	Minimum	Maximum
TCH-23304 16.229.3D	229mm (9")	242mm (9 1/2")	213mm (8 3/8")	139mm (5 1/2")	-	229mm (9")	267mm (10 1/2")	292mm (11 1/2")
TCH-23304 16.305.3D	305mm (12")	318mm (12 1/2")	289mm (11 3/8")	256mm (10 1/16")	-	261mm (10 1/4")	343mm (13 1/2")	368mm (14 1/2")
TCH-23304 16.381.3D	381mm (15")	394mm (15 1/2")	365mm (14 3/8")	353mm (13 7/8")	261mm (10 1/4")	357mm (14 1/16")	419mm (16 1/2")	445mm (17 1/2")
TCH-23304 16.457.3D	457mm (18")	470mm (18 1/2")	441mm (17 3/8")	429mm (16 7/8")	357mm (14 1/16")	453mm (17 13/16")	495mm (19 1/2")	521mm (20 1/2")
TCH-23304 16.533.3D	533mm (21")	546mm (21 1/2")	517mm (20 3/8")	505mm (19 7/8")	357mm (14 1/16")	517mm (20 3/8")	571mm (22 1/2")	597m (23 1/2")
TCH-23304 16.610.3D	610mm (24")	623mm (24 1/2")	594mm (23 3/8")	582mm (22 15/16")	357mm (14 1/16")	581mm (22 7/8")	648mm (25 1/2")	673mm (26 1/2")

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CLIP-ON PUSH-OPEN UNDERMOUNT

TCH-23304 - 19MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment

Description

- Concealed drawer runners with push-open functionality
- Suited for frameless and face frame cabinets
- Offered in lengths from 229mm (9") to 610mm (24")
- Compatible with material thicknesses ranging from 16mm (5/8") to 19mm (3/4")
- Facilitates effortless opening of the push latch mechanism drawer with a gentle touch on the drawer front
- Streamlined concealed design ensures easy installation
- Durable runners provide consistently smooth and controlled drawer glide

Applications









Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
305mm (12")	229mm (9")	TCH-23304 19.229.3D
381mm (15")	305mm (12")	TCH-23304 19.305.3D
457mm (18")	381mm (15")	TCH-23304 19.381.3D
533mm (21")	457mm (18")	TCH-23304 19.457.3D
610mm (24")	533mm (21")	TCH-23304 19.533.3D
686mm (27")	610mm (24")	TCH-23304 19.610.3D

Rear mounting brackets



TCH-23000 R.P.01



TCH-23000 R.S.01

Runner set and components



TCH-23000 CL.3D



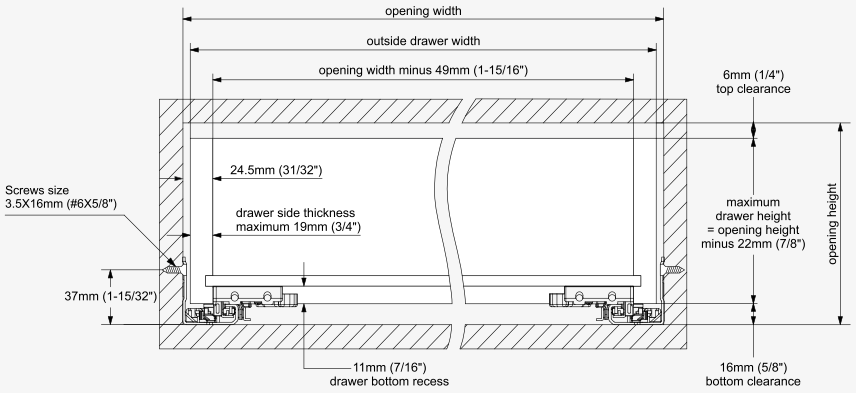
TCH-23304 - 19mm

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Drawer and Cabinet Specifications

Drawer box specification

Front view



Note: The inside drawer width must equal Cabinet opening width minus 49mm (1-15/16") to align and function optimally

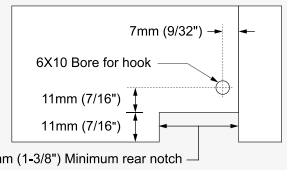
Calculating outside drawer width

For drawer side panel thickness	19mm (3/4")	18mm (11/16")	17mm (11/16")	16mm (5/8")	15mm (9/16")
Deduct from inside cabinet width	11mm (7/16")	13mm (1/2")	15mm (9/16")	17mm (11/16")	19mm (3/4")

Example: For 508mm (20") inside cabinet width and a 19mm (3/4") thick drawer panel, 508mm (20") minus 11mm (7/16") = 497mm (19 9/16") drawer width.

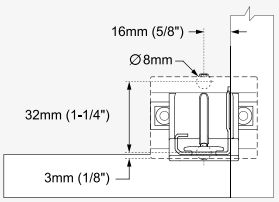
Drawer back preparation

Rear view



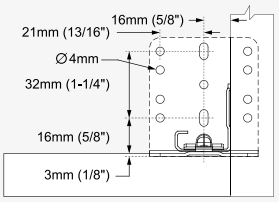
TCH - 23000 R.P.01 Rear mounting

Front view



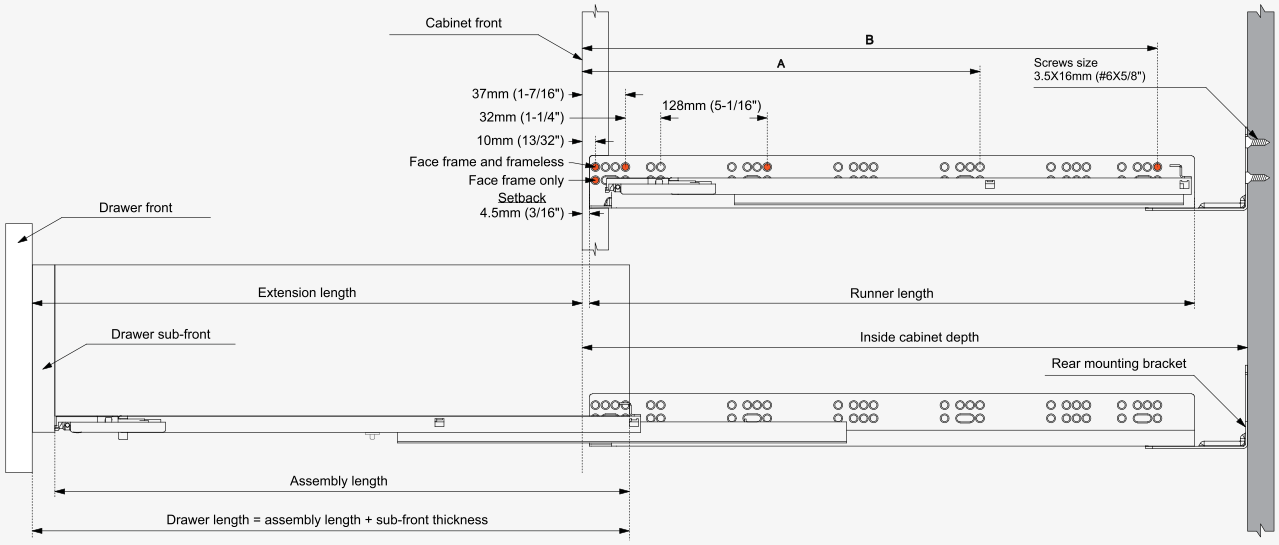
TCH - 23000 R.S.01 Rear mounting

Front view



Note:
Use a minimum of three screws per bracket

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Inside cabinet depth with rear attachment	
					A	B	Minimum	Maximum
TCH-23304 19.229.3D	229mm (9")	242mm (9 1/2")	213mm (8 3/8")	139mm (5 1/2")	-	229mm (9")	267mm (10 1/2")	292mm (11 1/2")
TCH-23304 19.305.3D	305mm (12")	318mm (12 1/2")	289mm (11 3/8")	256mm (10 1/16")	-	261mm (10 1/4")	343mm (13 1/2")	368mm (14 1/2")
TCH-23304 19.381.3D	381mm (15")	394mm (15 1/2")	365mm (14 3/8")	353mm (13 7/8")	261mm (10 1/4")	357mm (14 1/16")	419mm (16 1/2")	445mm (17 1/2")
TCH-23304 19.457.3D	457mm (18")	470mm (18 1/2")	441mm (17 3/8")	429mm (16 7/8")	357mm (14 1/16")	453mm (17 13/16")	495mm (19 1/2")	521mm (20 1/2")
TCH-23304 19.533.3D	533mm (21")	546mm (21 1/2")	517mm (20 3/8")	505mm (19 7/8")	357mm (14 1/16")	517mm (20 3/8")	571mm (22 1/2")	597m (23 1/2")
TCH-23304 19.610.3D	610mm (24")	623mm (24 1/2")	594mm (23 3/8")	582mm (22 15/16")	357mm (14 1/16")	581mm (22 7/8")	648mm (25 1/2")	673mm (26 1/2")

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CLIP-ON PUSH-OPEN SYNCHRONIZED UNDERMOUNT

TCH-23304.S - 16MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment
- Motion synchronization stabilizer

Description

- Concealed drawer runners with push-open mechanism
- Suited for both frameless and face frame cabinets
- Offered in lengths spanning from 305mm (12") to 533mm (21")
- Compatible with material thicknesses from 13mm (1/2") to 16mm (5/8")
- Facilitates effortless opening of drawers via the push latch mechanism with a gentle touch on the drawer front
- Recommended for drawer widths ranging from 610mm (24") to 1220mm (48")
- Durable runners ensure consistently smooth and controlled drawer glide

Applications

Standard Applications



Inset Drawer



Slim Metal Drawer



Pull-out Drawer



Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
305mm (12")	229mm (9")	TCH-23304.S 16.229.3D
381mm (15")	305mm (12")	TCH-23304.S 16.305.3D
457mm (18")	381mm (15")	TCH-23304.S 16.381.3D
533mm (21")	457mm (18")	TCH-23304.S 16.457.3D
610mm (24")	533mm (21")	TCH-23304.S 16.533.3D
686mm (27")	610mm (24")	TCH-23304.S 16.610.3D

Rear mounting brackets



TCH-23000 R.P.01



TCH-23000 R.S.01

Runner set and components



TCH-23000 CL.3D



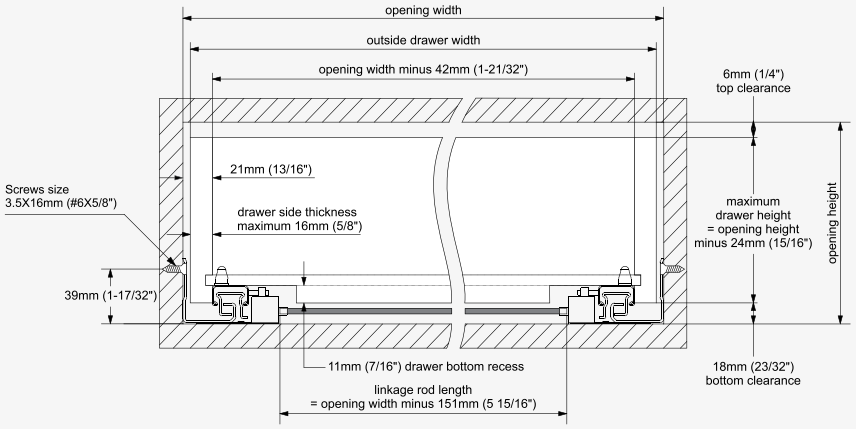
TCH-23304.S - 16mm

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Drawer and Cabinet Specifications

Drawer box specification

Rear view



Note: The inside drawer width must equal Cabinet opening width minus 42mm (1-21/32") to align and function optimally

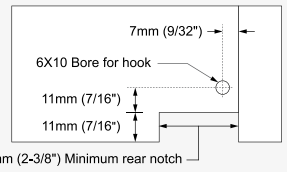
Calculating outside drawer width

For drawer side panel thickness	16mm (5/8")	15mm (9/16")	14mm (9/16")	13mm (1/2")	12mm (1/2")
Deduct from inside cabinet width	10mm (3/8")	12mm (1/2")	14mm (9/16")	16mm (5/8")	18mm (11/16")

Example: For 508mm (20") inside cabinet width and a 16mm (5/8") thick drawer panel, 508mm (20") minus 10mm (3/8") = 498mm (19 5/8") drawer width.

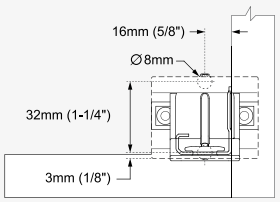
Drawer back preparation

Rear view



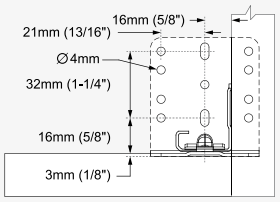
TCH - 23000 R.P.01 Rear mounting

Front view



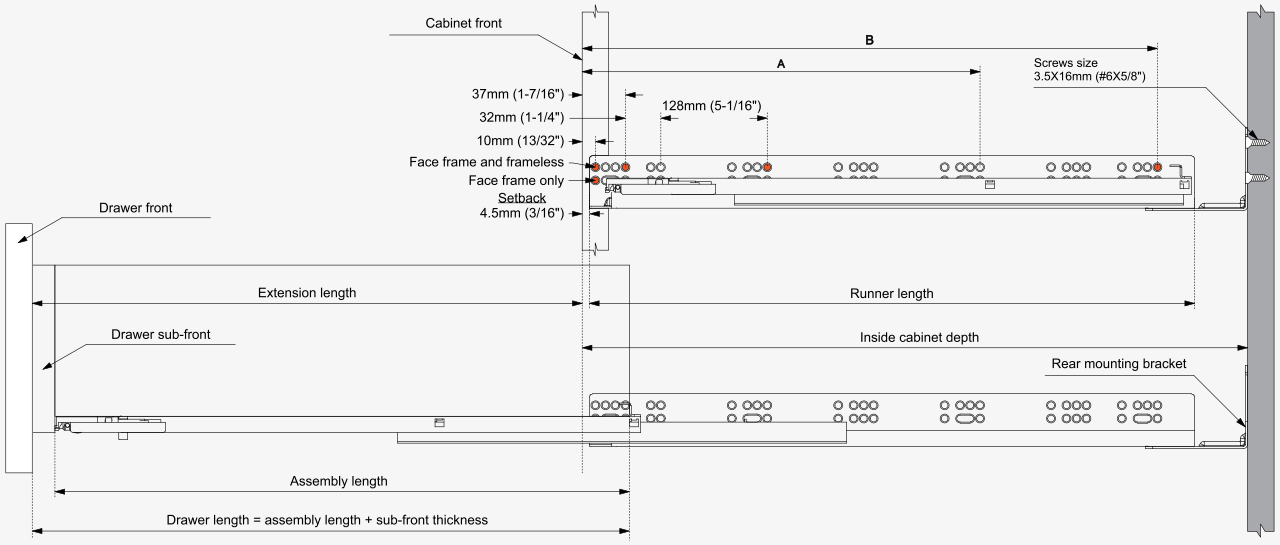
TCH - 23000 R.S.01 Rear mounting

Front view



Note:
Use a minimum of three screws per bracket

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Inside cabinet depth with rear attachment	
					A	B	Minimum	Maximum
TCH-23304.S 16.229.3D	229mm (9")	242mm (9 1/2")	213mm (8 3/8")	139mm (5 1/2")	-	229mm (9")	267mm (10 1/2")	292mm (11 1/2")
TCH-23304.S 16.305.3D	305mm (12")	318mm (12 1/2")	289mm (11 3/8")	256mm (10 1/16")	-	261mm (10 1/4")	343mm (13 1/2")	368mm (14 1/2")
TCH-23304.S 16.381.3D	381mm (15")	394mm (15 1/2")	365mm (14 3/8")	353mm (13 7/8")	261mm (10 1/4")	357mm (14 1/16")	419mm (16 1/2")	445mm (17 1/2")
TCH-23304.S 16.457.3D	457mm (18")	470mm (18 1/2")	441mm (17 3/8")	429mm (16 7/8")	357mm (14 1/16")	453mm (17 13/16")	495mm (19 1/2")	521mm (20 1/2")
TCH-23304.S 16.533.3D	533mm (21")	546mm (21 1/2")	517mm (20 3/8")	505mm (19 7/8")	357mm (14 1/16")	517mm (20 3/8")	571mm (22 1/2")	597mm (23 1/2")
TCH-23304.S 16.610.3D	610mm (24")	623mm (24 1/2")	594mm (23 3/8")	582mm (22 15/16")	357mm (14 1/16")	581mm (22 7/8")	648mm (25 1/2")	673mm (26 1/2")

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CLIP-ON PUSH-OPEN SYNCHRONIZED UNDERMOUNT

TCH-23304.S - 19MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment
- Motion synchronization stabilizer

Description

- Concealed drawer runners with push-open mechanism
- Suited for both frameless and face frame cabinets
- Offered in lengths spanning from 305mm (12") to 533mm (21")
- Compatible with material thicknesses from 16mm (5/8") to 19mm (3/4")
- Facilitates effortless opening of drawers via the push latch mechanism with a gentle touch on the drawer front
- Recommended for drawer widths ranging from 610mm (24") to 1220mm (48")
- Durable runners ensure consistently smooth and controlled drawer glide

Applications

Standard Applications



Inset Drawer



Slim Metal Drawer



Pull-out Drawer



Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
305mm (12")	229mm (9")	TCH-23304.S 19.229.3D
381mm (15")	305mm (12")	TCH-23304.S 19.305.3D
457mm (18")	381mm (15")	TCH-23304.S 19.381.3D
533mm (21")	457mm (18")	TCH-23304.S 19.457.3D
610mm (24")	533mm (21")	TCH-23304.S 19.533.3D
686mm (27")	610mm (24")	TCH-23304.S 19.610.3D

Rear mounting brackets



TCH-23000 R.P.01



TCH-23000 R.S.01

Runner set and components



TCH-23000 CL.3D



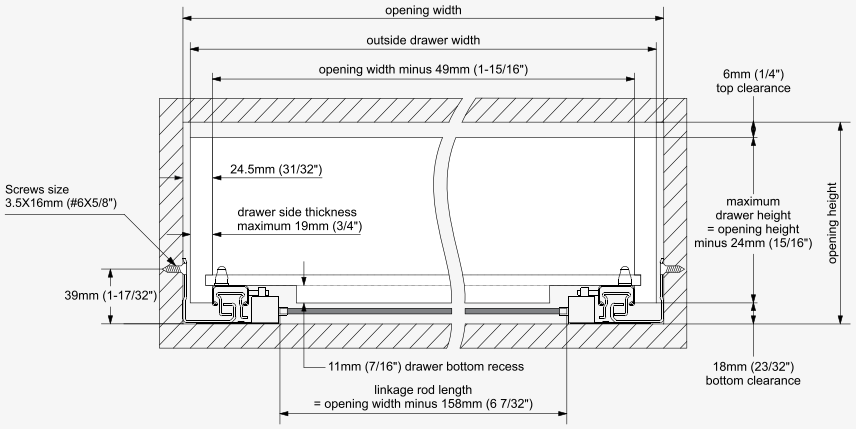
TCH-23304.S - 19mm

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Drawer and Cabinet Specifications

Drawer box specification

Rear view



Note: The inside drawer width must equal Cabinet opening width minus 49mm (1-15/16") to align and function optimally

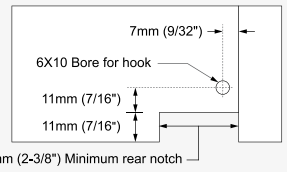
Calculating outside drawer width

For drawer side panel thickness	19mm (3/4")	18mm (11/16")	17mm (11/16")	16mm (5/8")	15mm (9/16")
Deduct from inside cabinet width	11mm (7/16")	13mm (1/2")	15mm (9/16")	17mm (11/16")	19mm (3/4")

Example: For 508mm (20") inside cabinet width and a 19mm (3/4") thick drawer panel, 508mm (20") minus 11mm (7/16") = 497mm (19 9/16") drawer width.

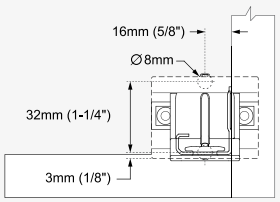
Drawer back preparation

Rear view



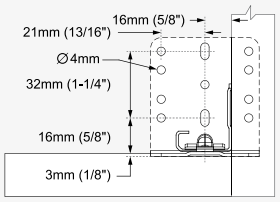
TCH - 23000 R.P.01 Rear mounting

Front view



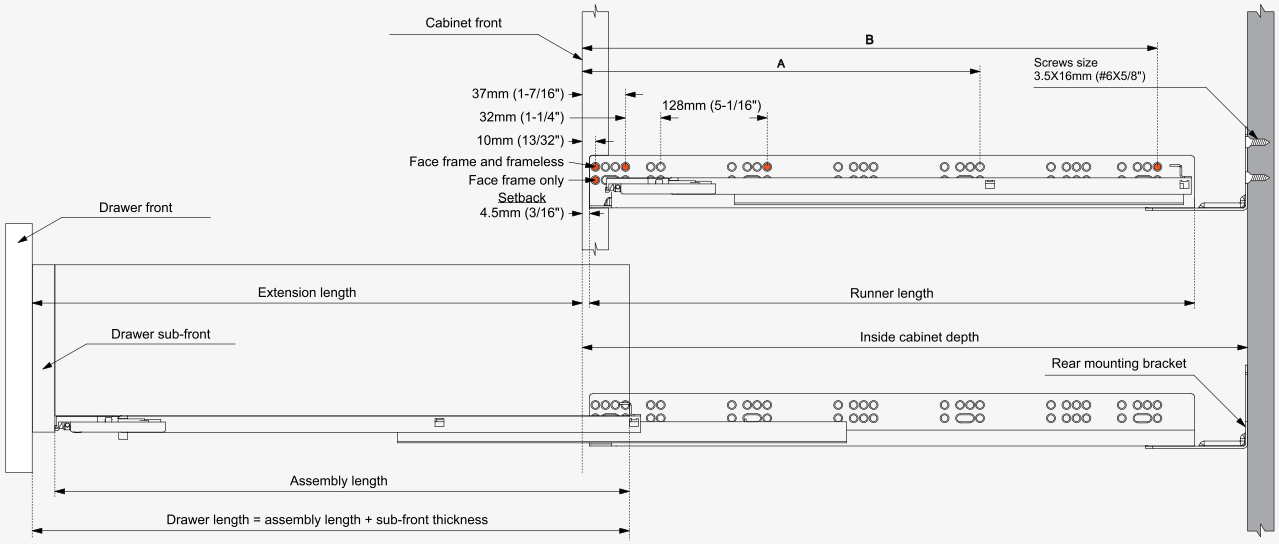
TCH - 23000 R.S.01 Rear mounting

Front view



Note:
Use a minimum of three screws per bracket

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Inside cabinet depth with rear attachment	
					A	B	Minimum	Maximum
TCH-23304.S 19.229.3D	229mm (9")	242mm (9 1/2")	213mm (8 3/8")	139mm (5 1/2")	-	229mm (9")	267mm (10 1/2")	292mm (11 1/2")
TCH-23304.S 19.305.3D	305mm (12")	318mm (12 1/2")	289mm (11 3/8")	256mm (10 1/16")	-	261mm (10 1/4")	343mm (13 1/2")	368mm (14 1/2")
TCH-23304.S 19.381.3D	381mm (15")	394mm (15 1/2")	365mm (14 3/8")	353mm (13 7/8")	261mm (10 1/4")	357mm (14 1/16")	419mm (16 1/2")	445mm (17 1/2")
TCH-23304.S 19.457.3D	457mm (18")	470mm (18 1/2")	441mm (17 3/8")	429mm (16 7/8")	357mm (14 1/16")	453mm (17 13/16")	495mm (19 1/2")	521mm (20 1/2")
TCH-23304.S 19.533.3D	533mm (21")	546mm (21 1/2")	517mm (20 3/8")	505mm (19 7/8")	357mm (14 1/16")	517mm (20 3/8")	571mm (22 1/2")	597mm (23 1/2")
TCH-23304.S 19.610.3D	610mm (24")	623mm (24 1/2")	594mm (23 3/8")	582mm (22 15/16")	357mm (14 1/16")	581mm (22 7/8")	648mm (25 1/2")	673mm (26 1/2")

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CLIP-ON PUSH-OPEN HEAVY DUTY UNDERMOUNT SLIDES

TCH-23305 - 16MM



Features

- 50kg (110lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment

Description

- Concealed drawer runners with push-open functionality
- Designed for frameless and blocked-out face frame cabinets
- Offered in lengths from 381mm (15") to 610mm (24")
- Suitable for material thicknesses ranging from 13mm (1/2") to 16mm (5/8")
- Enables easy opening of the drawer with a gentle touch on the front
- Streamlined concealed design for effortless installation
- Durable runners ensure consistently smooth and controlled drawer glide

Applications

Standard Applications



PAGE 80-81

Inset Drawer



PAGE 5

Slim Metal Drawer



PAGE 92-97

Pull-out Drawer



PAGE 98-103

Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
457mm (18")	381mm (15")	TCH-23305 16.381.3D
533mm (21")	457mm (18")	TCH-23305 16.457.3D
610mm (24")	533mm (21")	TCH-23305 16.533.3D
686mm (27")	610mm (24")	TCH-23305 16.610.3D

Runner set and components



TCH-23000 T-CL.3D



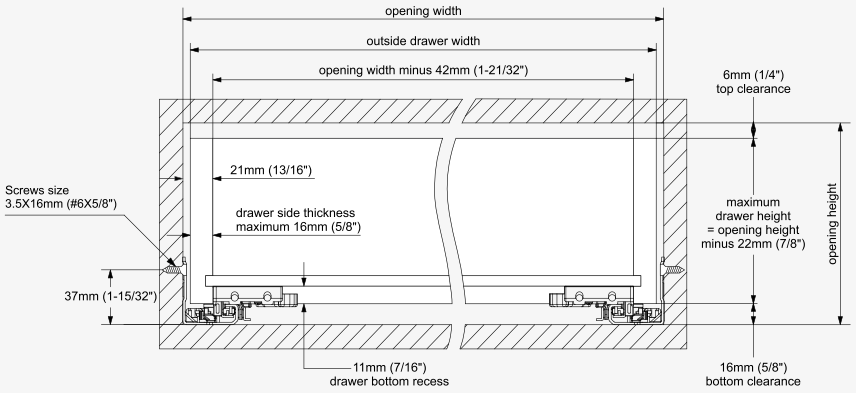
TCH-23305 - 16mm

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Drawer and Cabinet Specifications

Drawer box specification

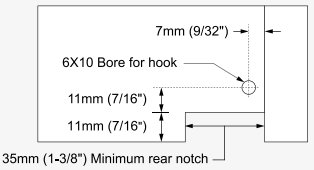
Front view



Note: The inside drawer width must equal Cabinet opening width minus 42mm (1-21/32") to align and function optimally

Drawer back preparation

Rear view

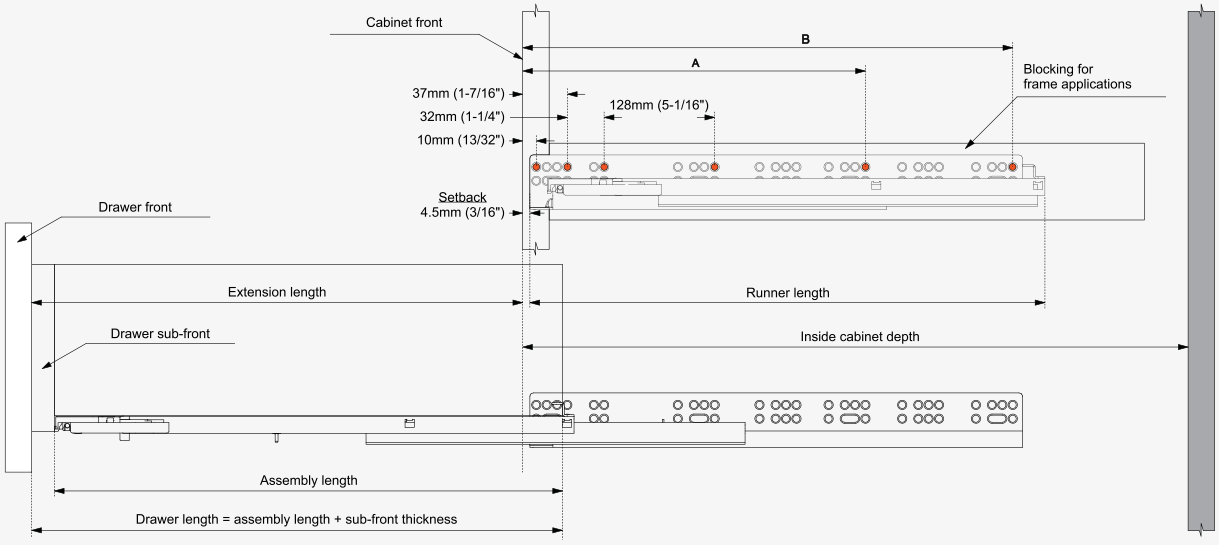


Calculating outside drawer width

For drawer side panel thickness	16mm (5/8")	15mm (9/16")	14mm (9/16")	13mm (1/2")	12mm (1/2")
Deduct from inside cabinet width	10mm (3/8")	12mm (1/2")	14mm (9/16")	16mm (5/8")	18mm (11/16")

Example: For 508mm (20") inside cabinet width and a 16mm (5/8") thick drawer panel, 508mm (20") minus 10mm (3/8") = 498mm (19 5/8") drawer width.

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Minimum inside cabinet depth
					A	B	
TCH-23305 16.381.3D	381mm (15")	386mm (15 3/16")	365mm (14 3/8")	353mm (13 7/8")	261mm (10 1/4")	357mm (14 1/16")	406mm (16")
TCH-23305 16.457.3D	457mm (18")	462mm (18 3/16")	441mm (17 3/8")	429mm (16 7/8")	357mm (14 1/16")	421mm (16 9/16")	482mm (19")
TCH-23305 16.533.3D	533mm (21")	538mm (21 3/16")	517mm (20 3/8")	505mm (19 7/8")	357mm (14 1/16")	517mm (20 3/8")	558mm (22")
TCH-23305 16.610.3D	610mm (24")	615mm (24 3/16")	594mm (23 3/8")	582mm (22 15/16")	357mm (14 1/16")	549mm (21 5/8")	635mm (25")

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CLIP-ON PUSH-OPEN HEAVY DUTY UNDERMOUNT SLIDES

TCH-23305 - 19MM



Features

- 50kg (110lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment

Description

- Concealed drawer runners with push-open functionality
- Designed for frameless and blocked-out face frame cabinets
- Offered in lengths from 381mm (15") to 610mm (24")
- Suitable for material thicknesses ranging from 16mm (5/8") to19mm (3/4")
- Enables easy opening of the drawer with a gentle touch on the front
- Streamlined concealed design for effortless installation
- Durable runners ensure consistently smooth and controlled drawer glide

Applications









Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
457mm (18")	381mm (15")	TCH-23305 19.381.3D
533mm (21")	457mm (18")	TCH-23305 19.457.3D
610mm (24")	533mm (21")	TCH-23305 19.533.3D
686mm (27")	610mm (24")	TCH-23305 19.610.3D

Runner set and components



TCH-23000 T-CL.3D



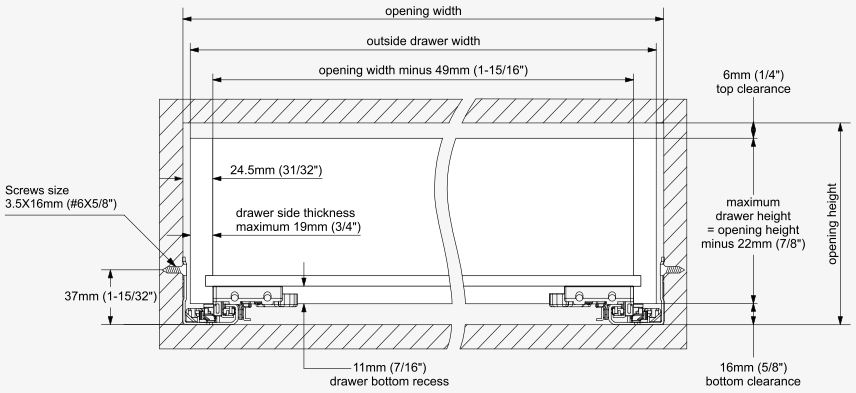
TCH-23305 - 19mm

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Drawer and Cabinet Specifications

Drawer box specification

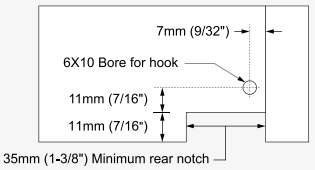
Front view



Note: The inside drawer width must equal Cabinet opening width minus 49mm (1-15/16") to align and function optimally

Drawer back preparation

Rear view

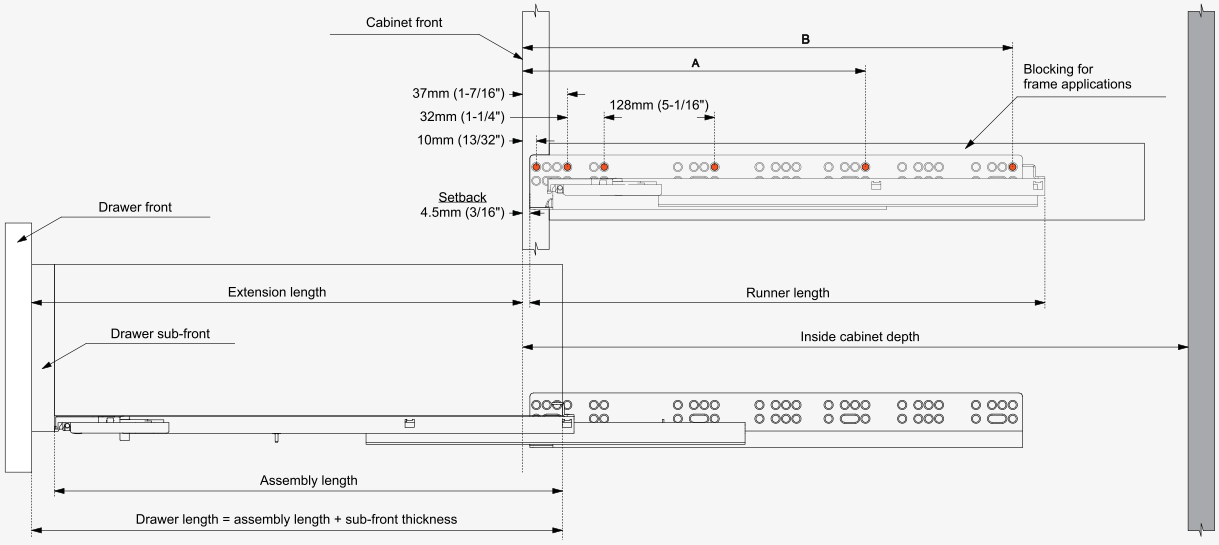


Calculating outside drawer width

For drawer side panel thickness	19mm (3/4")	18mm (11/16")	17mm (11/16")	16mm (5/8")	15mm (9/16")
Deduct from inside cabinet width	11mm (7/16")	13mm (1/2")	15mm (9/16")	17mm (11/16")	19mm (3/4")

Example: For 508mm (20") inside cabinet width and a 19mm (3/4") thick drawer panel, 508mm (20") minus 11mm (7/16") = 497mm (19 9/16") drawer width.

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Minimum inside cabinet depth
					A	B	
TCH-23305 19.381.3D	381mm (15")	386mm (15 3/16")	365mm (14 3/8")	353mm (13 7/8")	261mm (10 1/4")	357mm (14 1/16")	406mm (16")
TCH-23305 19.457.3D	457mm (18")	462mm (18 3/16")	441mm (17 3/8")	429mm (16 7/8")	357mm (14 1/16")	421mm (16 9/16")	482mm (19")
TCH-23305 19.533.3D	533mm (21")	538mm (21 3/16")	517mm (20 3/8")	505mm (19 7/8")	357mm (14 1/16")	517mm (20 3/8")	558mm (22")
TCH-23305 19.610.3D	610mm (24")	615mm (24 3/16")	594mm (23 3/8")	582mm (22 15/16")	357mm (14 1/16")	549mm (21 5/8")	635mm (25")

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KEY FEATURES

Durable Construction
Push-Open Mechanism
Soft-Close Functionality
Designed For Quick and Straightforward Installation
Suitable For Both Frameless and Face Frame Cabinets

SOFT
CLOSE

PUSH
OPEN

PUSH-OPEN SOFT-CLOSE UNDERMOUNT SLIDES

Experience the ideal blend of convenience and quiet elegance with our Push-Open Soft-Close Undermount Slides. A gentle push effortlessly opens your drawer, while the soft-close feature ensures it glides back quietly into place. These slides add modern sophistication and enhanced functionality to your cabinetry.

CLIP-ON PUSH-OPEN SOFT CLOSE UNDERMOUNT

TCH-23403 - 16MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment

Description

- Concealed drawer runners with Push-open and Soft-close functionality
- Ideal for frameless and blocked-out face frame cabinets
- Offered in lengths ranging from 457mm (18") to 610mm (24")
- Compatible with material thicknesses from 13mm (1/2") to 16mm (5/8")
- Allows the push latch mechanism drawer to open effortlessly with a gentle touch on the drawer front, while also integrating a soft-close feature for quiet closing
- Streamlined concealed design facilitates easy installation
- Durable runners ensure consistently smooth and controlled drawer glide

Applications









Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
533mm (21")	457mm (18")	TCH-23403 16.457.3D
610mm (24")	533mm (21")	TCH-23403 16.533.3D
686mm (27")	610mm (24")	TCH-23403 16.610.3D

Runner set and components



TCH-23000 CL.3D



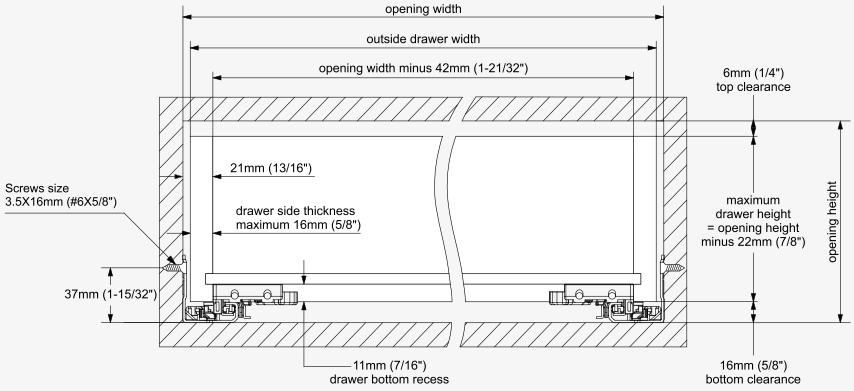
TCH-23403 - 16mm

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Drawer and Cabinet Specifications

Drawer box specification

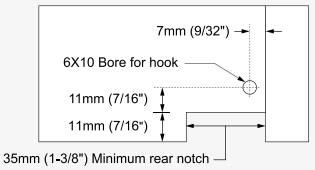
Front view



Note: The inside drawer width must equal Cabinet opening width minus 42mm (1-21/32") to align and function optimally

Drawer back preparation

Rear view

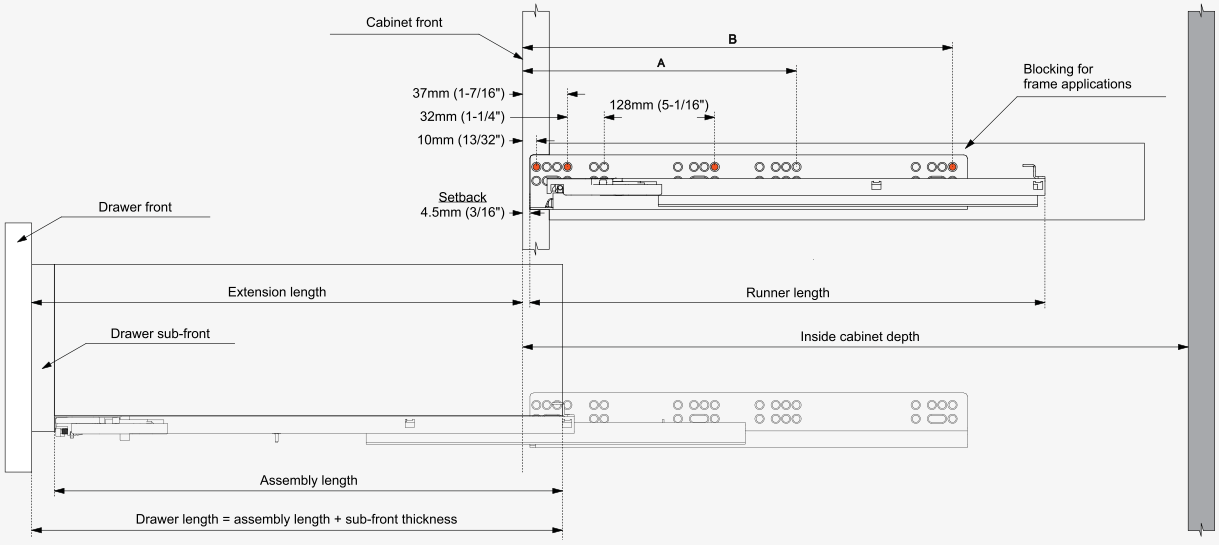


Calculating outside drawer width

For drawer side panel thickness	16mm (5/8")	15mm (9/16")	14mm (9/16")	13mm (1/2")	12mm (1/2")
Deduct from inside cabinet width	10mm (3/8")	12mm (1/2")	14mm (9/16")	16mm (5/8")	18mm (11/16")

Example: For 508mm (20") inside cabinet width and a 16mm (5/8") thick drawer panel, 508mm (20") minus 10mm (3/8") = 498mm (19 5/8") drawer width.

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Minimum inside cabinet depth
					A	B	
TCH-23403 16.457.3D	457mm (18")	462mm (18 3/16")	441mm (17 3/8")	429mm (16 7/8")	-	261mm (10 1/4")	482mm (19")
TCH-23403 16.533.3D	533mm (21")	538mm (21 3/16")	517mm (20 3/8")	505mm (19 7/8")	261mm (10 1/4")	325mm (12 13/16")	558mm (22")
TCH-23403 16.610.3D	610mm (24")	615mm (24 3/16")	594mm (23 3/8")	582mm (22 15/16")	261mm (10 1/4")	357mm (14 1/16")	635mm (25")

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CLIP-ON PUSH-OPEN SOFT CLOSE UNDERMOUNT

TCH-23403 - 19MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment

Description

- Concealed drawer runners with Push-open and Soft-close functionality
- Ideal for frameless and blocked-out face frame cabinets
- Offered in lengths ranging from 457mm (18") to 610mm (24")
- Compatible with material thicknesses from 16mm (5/8") to 19mm (3/4")
- Allows the push latch mechanism drawer to open effortlessly with a gentle touch on the drawer front, while also integrating a soft-close feature for quiet closing
- Streamlined concealed design facilitates easy installation
- Durable runners ensure consistently smooth and controlled drawer glide

Applications









Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
533mm (21")	457mm (18")	TCH-23403 19.457.3D
610mm (24")	533mm (21")	TCH-23403 19.533.3D
686mm (27")	610mm (24")	TCH-23403 19.610.3D

Runner set and components



TCH-23000 CL.3D



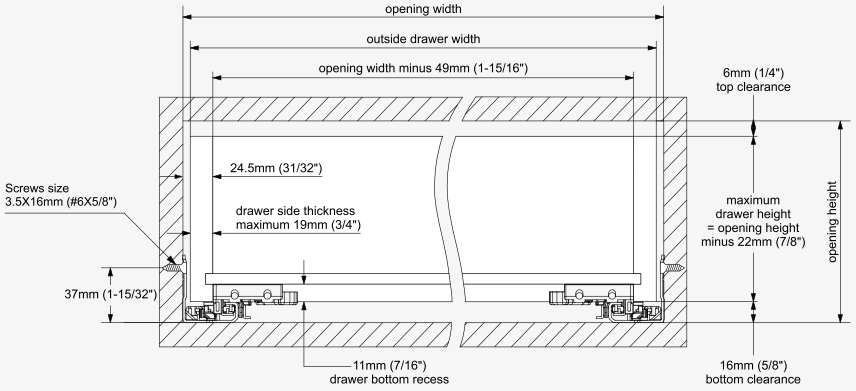
TCH-23403 - 19mm

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Drawer and Cabinet Specifications

Drawer box specification

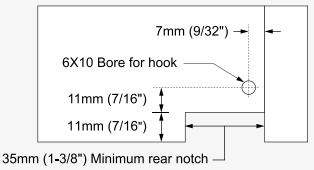
Front view



Note: The inside drawer width must equal Cabinet opening width minus 49mm (1-15/16") to align and function optimally

Drawer back preparation

Rear view

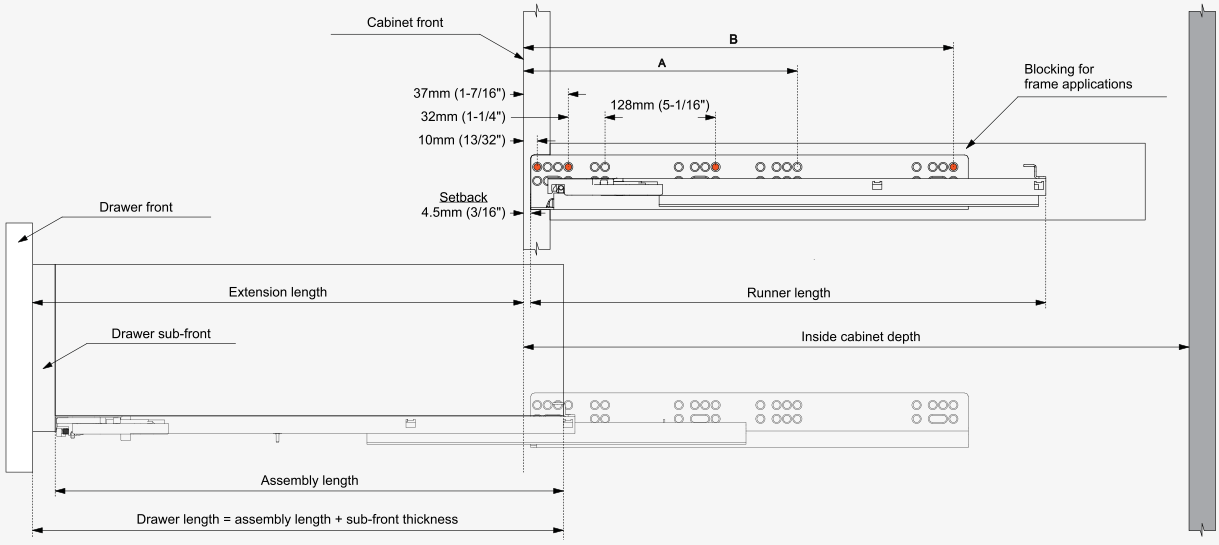


Calculating outside drawer width

For drawer side panel thickness	19mm (3/4")	18mm (11/16")	17mm (11/16")	16mm (5/8")	15mm (9/16")
Deduct from inside cabinet width	11mm (7/16")	13mm (1/2")	15mm (9/16")	17mm (11/16")	19mm (3/4")

Example: For 508mm (20") inside cabinet width and a 19mm (3/4") thick drawer panel, 508mm (20") minus 11mm (7/16") = 497mm (19 9/16") drawer width.

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	A	B	Minimum inside cabinet depth
TCH-23403 19.457.3D	457mm (18")	462mm (18 3/16")	441mm (17 3/8")	429mm (16 7/8")	-	261mm (10 1/4")	482mm (19")
TCH-23403 19.533.3D	533mm (21")	538mm (21 3/16")	517mm (20 3/8")	505mm (19 7/8")	261mm (10 1/4")	325mm (12 13/16")	558mm (22")
TCH-23403 19.610.3D	610mm (24")	615mm (24 3/16")	594mm (23 3/8")	582mm (22 15/16")	261mm (10 1/4")	357mm (14 1/16")	635mm (25")

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PUSH-OPEN SOFT CLOSE SYNCHRONIZED UNDERMOUNT

TCH-23403.S - 16MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment
- Synchronized motion system

Description

- Concealed drawer runners with Push-open and Soft-close functionality
- Ideal for frameless and blocked-out face frame cabinets
- Offered in lengths from 305mm (12") to 610mm (24")
- Designed for material thicknesses ranging from 13mm (1/2") to 16mm (5/8")
- Allows the push latch mechanism drawer to open effortlessly with a gentle touch on the drawer front, while also integrating a soft-close feature for quiet closing
- Recommended for drawer widths spanning from 610mm (24") to 1220mm (48")
- Durable runners ensure consistently smooth and controlled drawer glide

Applications









Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
381mm (15")	305mm (12")	TCH-23403.S 16.305.3D
457mm (18")	381mm (15")	TCH-23403.S 16.381.3D
533mm (21")	457mm (18")	TCH-23403.S 16.457.3D
610mm (24")	533mm (21")	TCH-23403.S 16.533.3D
686mm (27")	610mm (24")	TCH-23403.S 16.610.3D

Runner set and components



TCH-23000 CL.3D



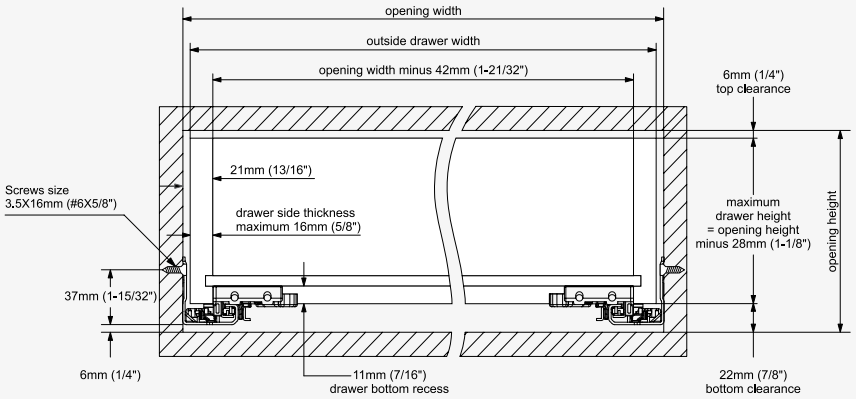
TCH-23403.S - 16mm

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Drawer and Cabinet Specifications

Drawer box specification

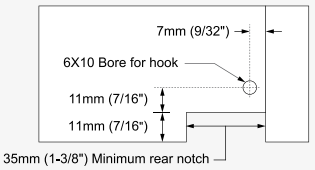
Front view



Note: The inside drawer width must equal Cabinet opening width minus 42mm (1-21/32") to align and function optimally

Drawer back preparation

Rear view

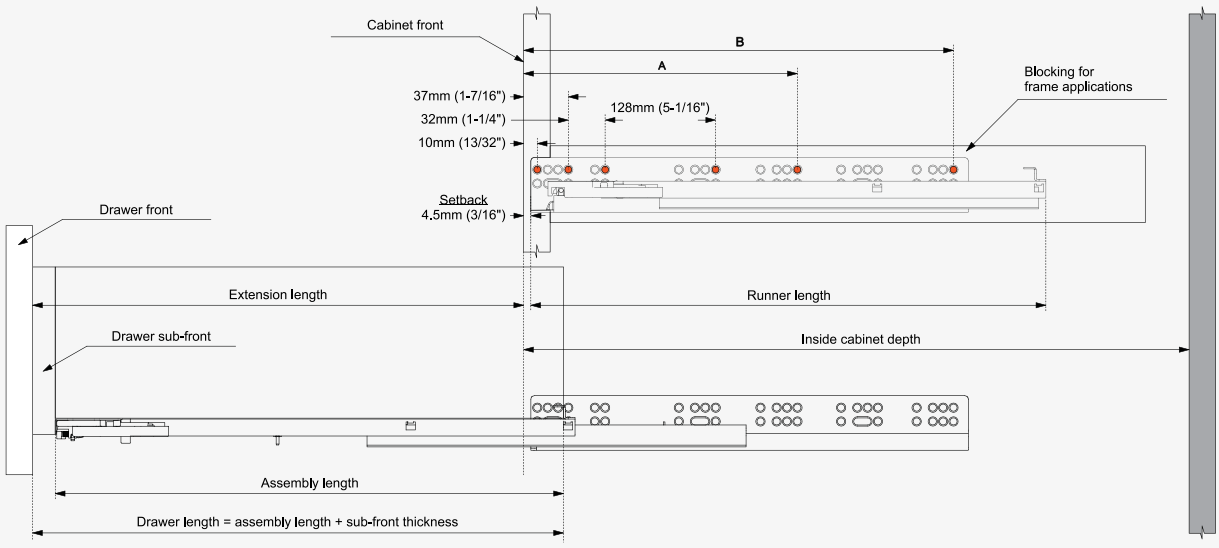


Calculating outside drawer width

For drawer side panel thickness	16mm (5/8")	15mm (9/16")	14mm (9/16")	13mm (1/2")	12mm (1/2")
Deduct from inside cabinet width	10mm (3/8")	12mm (1/2")	14mm (9/16")	16mm (5/8")	18mm (11/16")

Example: For 508mm (20") inside cabinet width and a 16mm (5/8") thick drawer panel, 508mm (20") minus 10mm (3/8") = 498mm (19 5/8") drawer width.

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Minimum inside cabinet depth
					A	B	
TCH-23403.S 16.305.3D	305mm (12")	310mm (12 3/16")	289mm (11 3/8")	256mm (10 1/16")	-	261mm (10 1/4")	330mm (13")
TCH-23403.S 16.381.3D	381mm (15")	386mm (15 3/16")	365mm (14 3/8")	353mm (13 7/8")	-	261mm (10 1/4")	406mm (16")
TCH-23403.S 16.457.3D	457mm (18")	462mm (18 3/16")	441mm (17 3/8")	429mm (16 7/8")	-	261mm (10 1/4")	482mm (19")
TCH-23403.S 16.533.3D	533mm (21")	538mm (21 3/16")	517mm (20 3/8")	505mm (19 7/8")	261mm (10 1/4")	325mm (12 13/16")	558mm (22")
TCH-23403.S 16.610.3D	610mm (24")	615mm (24 3/16")	594mm (23 3/8")	582mm (22 15/16")	261mm (10 1/4")	357mm (14 1/16")	635mm (25")

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PUSH-OPEN SOFT CLOSE SYNCHRONIZED UNDERMOUNT

TCH-23403.S - 19MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment
- Synchronized motion system

Description

- Concealed drawer runners with Push-open and Soft-close functionality
- Ideal for frameless and blocked-out face frame cabinets
- Offered in lengths from 305mm (12") to 610mm (24")
- Designed for material thicknesses ranging from 16mm (5/8") to 19mm (3/4")
- Allows the push latch mechanism drawer to open effortlessly with a gentle touch on the drawer front, while also integrating a soft-close feature for quiet closing
- Recommended for drawer widths spanning from 610mm (24") to 1220mm (48")
- Durable runners ensure consistently smooth and controlled drawer glide

Applications









Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
381mm (15")	305mm (12")	TCH-23403.S 19.305.3D
457mm (18")	381mm (15")	TCH-23403.S 19.381.3D
533mm (21")	457mm (18")	TCH-23403.S 19.457.3D
610mm (24")	533mm (21")	TCH-23403.S 19.533.3D
686mm (27")	610mm (24")	TCH-23403.S 19.610.3D

Runner set and components



TCH-23000 CL.3D



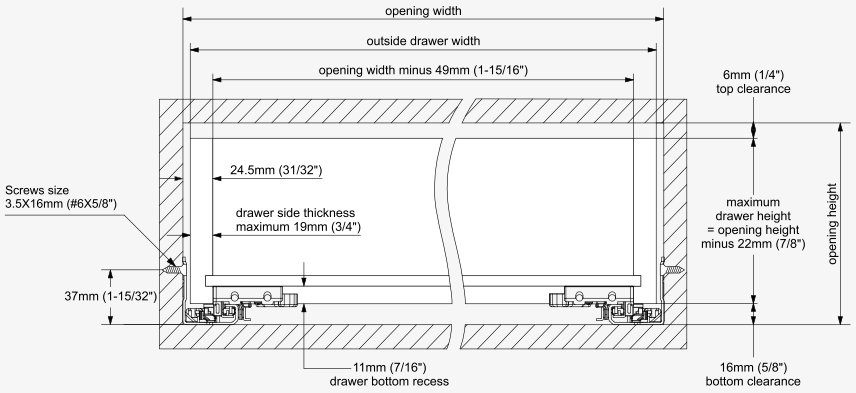
TCH-23403.S - 19mm

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Drawer and Cabinet Specifications

Drawer box specification

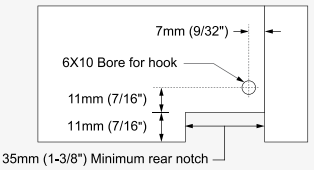
Front view



Note: The inside drawer width must equal Cabinet opening width minus 49mm (1-15/16") to align and function optimally

Drawer back preparation

Rear view

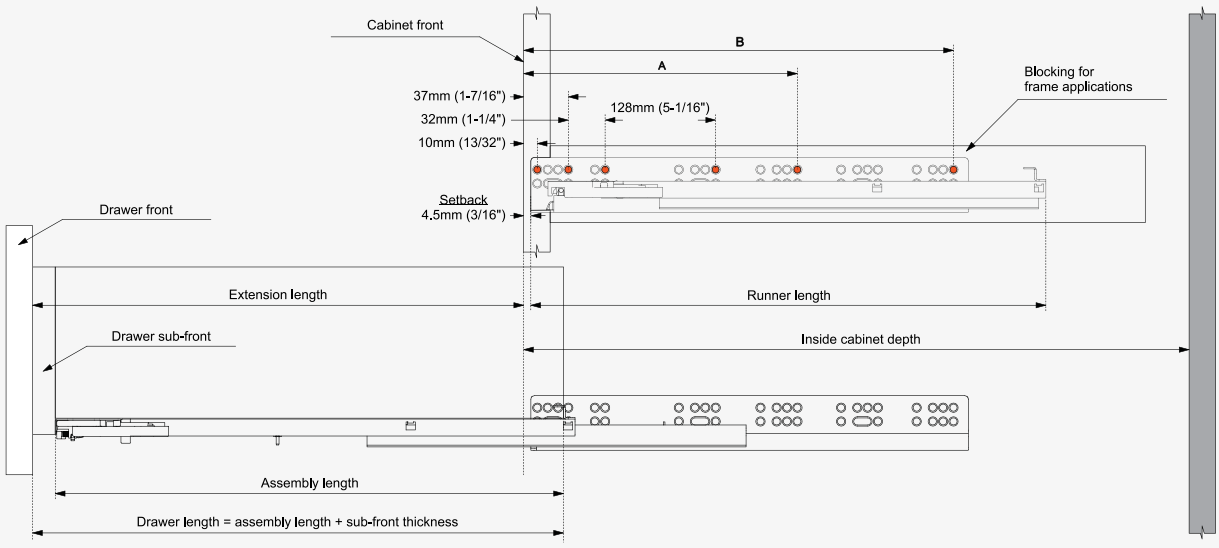


Calculating outside drawer width

For drawer side panel thickness	19mm (3/4")	18mm (11/16")	17mm (11/16")	16mm (5/8")	15mm (9/16")
Deduct from inside cabinet width	11mm (7/16")	13mm (1/2")	15mm (9/16")	17mm (11/16")	19mm (3/4")

Example: For 508mm (20") inside cabinet width and a 19mm (3/4") thick drawer panel, 508mm (20") minus 11mm (7/16") = 497mm (19 9/16") drawer width.

Runner mounting specifications



Note: The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Minimum inside cabinet depth
					A	B	
TCH-23403.S 19.305.3D	305mm (12")	310mm (12 3/16")	289mm (11 3/8")	256mm (10 1/16")	-	261mm (10 1/4")	330mm (13")
TCH-23403.S 19.381.3D	381mm (15")	386mm (15 3/16")	365mm (14 3/8")	353mm (13 7/8")	-	261mm (10 1/4")	406mm (16")
TCH-23403.S 19.457.3D	457mm (18")	462mm (18 3/16")	441mm (17 3/8")	429mm (16 7/8")	-	261mm (10 1/4")	482mm (19")
TCH-23403.S 19.533.3D	533mm (21")	538mm (21 3/16")	517mm (20 3/8")	505mm (19 7/8")	261mm (10 1/4")	325mm (12 13/16")	558mm (22")
TCH-23403.S 19.610.3D	610mm (24")	615mm (24 3/16")	594mm (23 3/8")	582mm (22 15/16")	261mm (10 1/4")	357mm (14 1/16")	635mm (25")

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CLIP-ON PUSH-OPEN SOFT CLOSE UNDERMOUNT

TCH-23404 - 16MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment

Description

- Concealed drawer runners with Push-open and Soft-close features
- Ideal for both frameless and face frame cabinets
- Offered in lengths ranging from 305mm (12") to 533mm (21")
- Suitable for material thicknesses from 13mm (1/2") to 16mm (5/8")
- Allows the push latch mechanism drawer to open effortlessly with a gentle touch on the drawer front, while also offering a soft-close feature for quiet closing
- Streamlined concealed design facilitates easy installation
- Durable runners guarantee consistently smooth and controlled drawer glide

Applications









Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
381mm (15")	305mm (12")	TCH-23404 16.305.3D
457mm (18")	381mm (15")	TCH-23404 16.381.3D
533mm (21")	457mm (18")	TCH-23404 16.457.3D
610mm (24")	533mm (21")	TCH-23404 16.533.3D

Rear mounting brackets



TCH-23000 R.P.01



TCH-23000 R.S.01

Runner set and components



TCH-23000 CL.3D



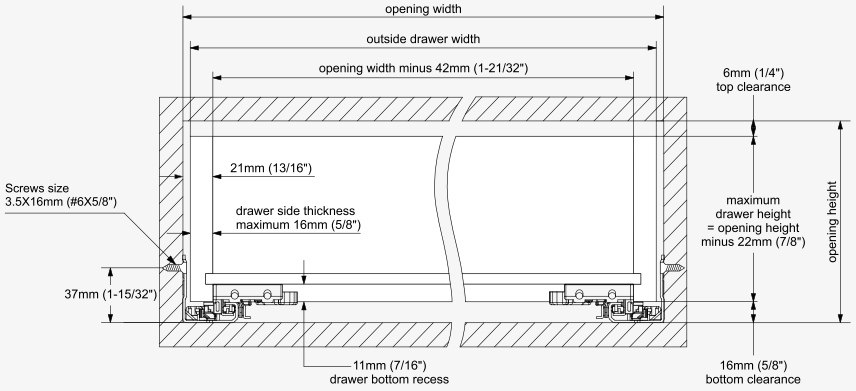
TCH-23404 - 16mm

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Drawer and Cabinet Specifications

Drawer box specification

Front view



Note: **The inside drawer width must equal Cabinet opening width minus 42mm (1-21/32") to align and function optimally**

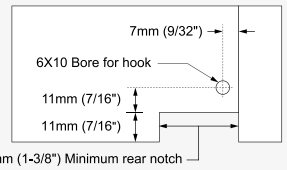
Calculating outside drawer width

For drawer side panel thickness	**16mm (5/8")**	**15mm (9/16")**	**14mm (9/16")**	**13mm (1/2")**	**12mm (1/2")**
Deduct from inside cabinet width	**10mm (3/8")**	**12mm (1/2")**	**14mm (9/16")**	**16mm (5/8")**	**18mm (11/16")**

Example: For 508mm (20") inside cabinet width and a 16mm (5/8") thick drawer panel, 508mm (20") minus 10mm (3/8") = 498mm (19 5/8") drawer width.

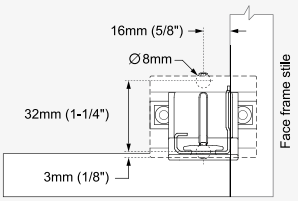
Drawer back preparation

Rear view



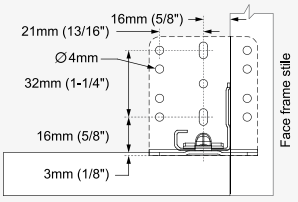
TCH - 23000 R.P.01 Rear mounting

Front view



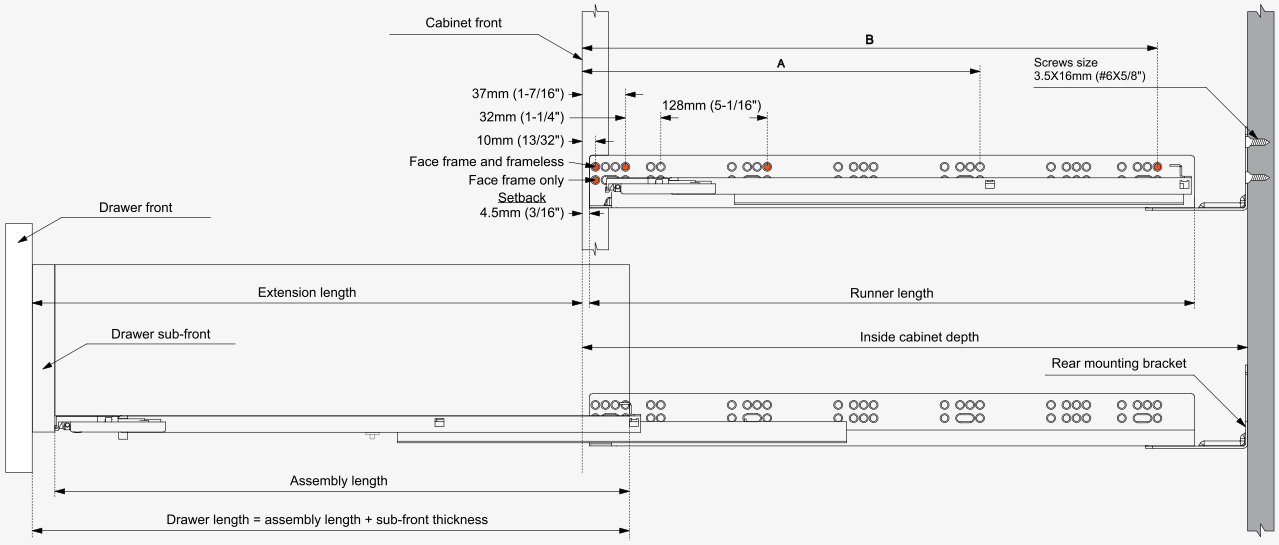
TCH - 23000 R.S.01 Rear mounting

Front view



Note:
Use a minimum of three screws per bracket

Runner mounting specifications



Note: **The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings**

Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Inside cabinet depth with rear attachment	
					A	B	Minimum	Maximum
TCH-23404 16.305.3D	**305mm (12")**	**318mm (12 1/2")**	**289mm (11 3/8")**	**256mm (10 1/16")**	**-**	**261mm (10 1/4")**	**343mm (13 1/2")**	**368mm (14 1/2")**
TCH-23404 16.381.3D	**381mm (15")**	**394mm (15 1/2")**	**365mm (14 3/8")**	**353mm (13 7/8")**	**261mm (10 1/4")**	**357mm (14 1/16")**	**419mm (16 1/2")**	**445mm (17 1/2")**
TCH-23404 16.457.3D	**457mm (18")**	**470mm (18 1/2")**	**441mm (17 3/8")**	**429mm (16 7/8")**	**357mm (14 1/16")**	**453mm (17 13/16")**	**495mm (19 1/2")**	**521mm (20 1/2")**
TCH-23404 16.533.3D	**533mm (21")**	**546mm (21 1/2")**	**517mm (20 3/8")**	**505mm (19 7/8")**	**357mm (14 1/16")**	**517mm (20 3/8")**	**571mm (22 1/2")**	**597mm (23 1/2")**

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CLIP-ON PUSH-OPEN SOFT CLOSE UNDERMOUNT

TCH-23404 - 19MM



Features

- 34kg (75lb) Load capacity
- Six-way dimensional adjustment clip device
- Elongated holes for depth adjustment

Description

- Concealed drawer runners with Push-open and Soft-close features
- Ideal for both frameless and face frame cabinets
- Offered in lengths ranging from 305mm (12") to 533mm (21")
- Suitable for material thicknesses from 16mm (5/8") to 19mm (3/4")
- Allows the push latch mechanism drawer to open effortlessly with a gentle touch on the drawer front, while also offering a soft-close feature for quiet closing
- Streamlined concealed design facilitates easy installation
- Durable runners guarantee consistently smooth and controlled drawer glide

Applications









Cabinet and runner comparison

Overall cabinet depth	Drawer length	Runner SKU number
381mm (15")	305mm (12")	TCH-23404 19.305.3D
457mm (18")	381mm (15")	TCH-23404 19.381.3D
533mm (21")	457mm (18")	TCH-23404 19.457.3D
610mm (24")	533mm (21")	TCH-23404 19.533.3D

Rear mounting brackets



TCH-23000 R.P.01



TCH-23000 R.S.01

Runner set and components



TCH-23000 CL.3D



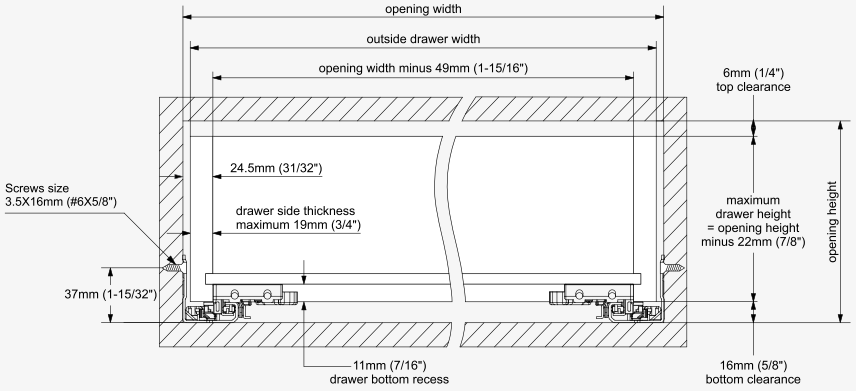
TCH-23404 - 19mm

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Drawer and Cabinet Specifications

Drawer box specification

Front view



Note: **The inside drawer width must equal Cabinet opening width minus 49mm (1-15/16") to align and function optimally**

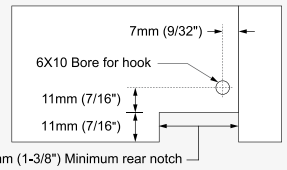
Calculating outside drawer width

For drawer side panel thickness	**19mm (3/4")**	**18mm (11/16")**	**17mm (11/16")**	**16mm (5/8")**	**15mm (9/16")**
Deduct from inside cabinet width	**11mm (7/16")**	**13mm (1/2")**	**15mm (9/16")**	**17mm (11/16")**	**19mm (3/4")**

Example: For 508mm (20") inside cabinet width and a 19mm (3/4") thick drawer panel, 508mm (20") minus 11mm (7/16") = 497mm (19 9/16") drawer width.

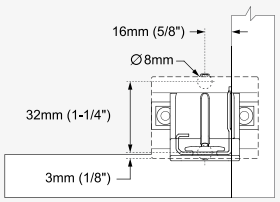
Drawer back preparation

Rear view



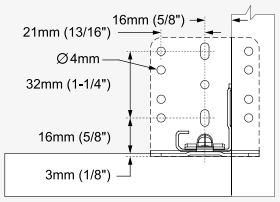
TCH - 23000 R.P.01 Rear mounting

Front view



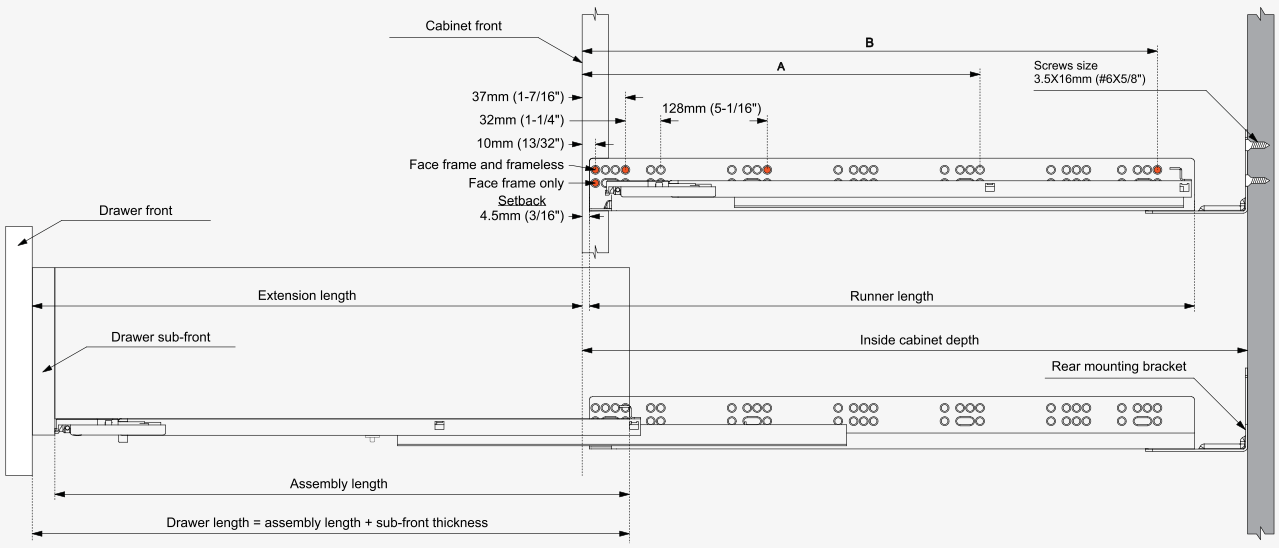
TCH - 23000 R.S.01 Rear mounting

Front view



Note:
Use a minimum of three screws per bracket

Runner mounting specifications



Note: **The orange dots show the locations where fixing screws should be installed to achieve the specified load ratings**

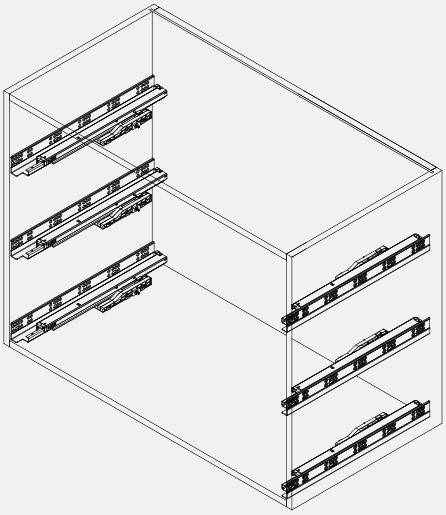
Runner SKU number	Nominal length	Runner length	Assembly length	Extention length +/- 3mm	Screw locations for frameless cabinet		Inside cabinet depth with rear attachment	
					A	B	Minimum	Maximum
TCH-23404 19.305.3D	**305mm (12")**	**318mm (12 1/2")**	**289mm (11 3/8")**	**256mm (10 1/16")**	**-**	**261mm (10 1/4")**	**343mm (13 1/2")**	**368mm (14 1/2")**
TCH-23404 19.381.3D	**381mm (15")**	**394mm (15 1/2")**	**365mm (14 3/8")**	**353mm (13 7/8")**	**261mm (10 1/4")**	**357mm (14 1/16")**	**419mm (16 1/2")**	**445mm (17 1/2")**
TCH-23404 19.457.3D	**457mm (18")**	**470mm (18 1/2")**	**441mm (17 3/8")**	**429mm (16 7/8")**	**357mm (14 1/16")**	**453mm (17 13/16")**	**495mm (19 1/2")**	**521mm (20 1/2")**
TCH-23404 19.533.3D	**533mm (21")**	**546mm (21 1/2")**	**517mm (20 3/8")**	**505mm (19 7/8")**	**357mm (14 1/16")**	**517mm (20 3/8")**	**571mm (22 1/2")**	**597mm (23 1/2")**

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TCH-23300.S
Synchronized System Installation

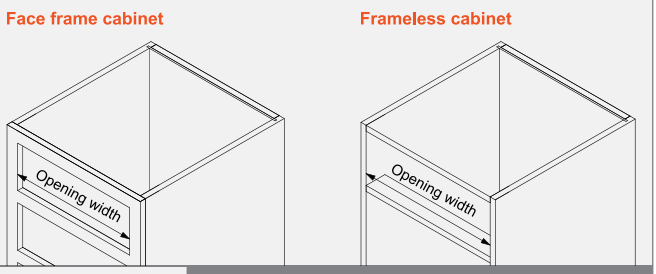
Attaching undermount slides to the cabinet

Install the runners inside the cabinet based on the provided information for the selected undermount slides.



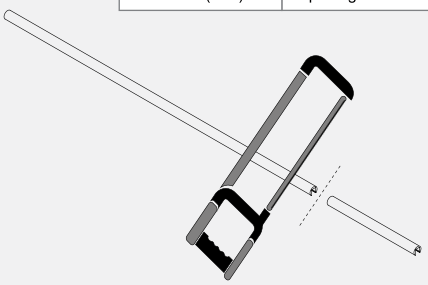
Linkage rod length

Measure the width of the cabinet opening to determine the length of the linkage rod. Use the calculation table below to calculate the appropriate length, and then cut the rod accordingly.



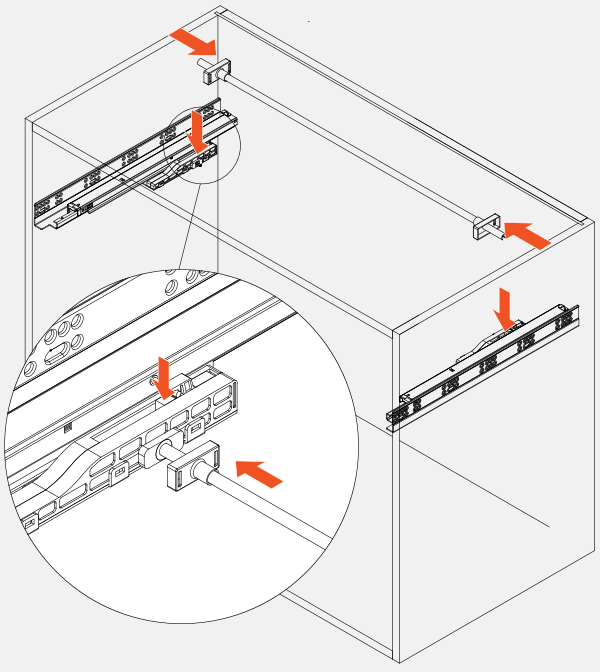
Linkage rod cutting length

Runners thickness	Cutting calculation
16mm (5/8")	Opening width minus 151mm (5-15/16")
19mm (3/4")	Opening width minus 158mm (6-7/32")



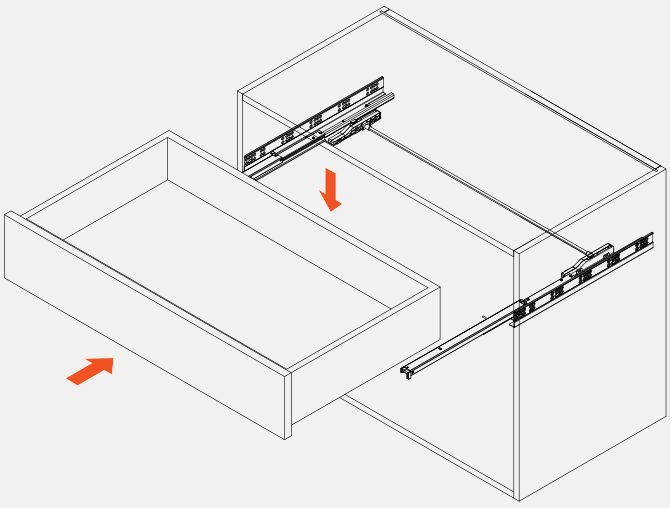
Attaching the linkage rod to the drawer runners

Insert the sockets into the linkage rod, attach the linkage rod to the left and right pinions, and then secure the sockets with the push mechanism.



Insert drawers

Fully extend the slides. Position the drawer on the slides and close it. The locking devices will automatically engage with the slides. Make adjustments if necessary.

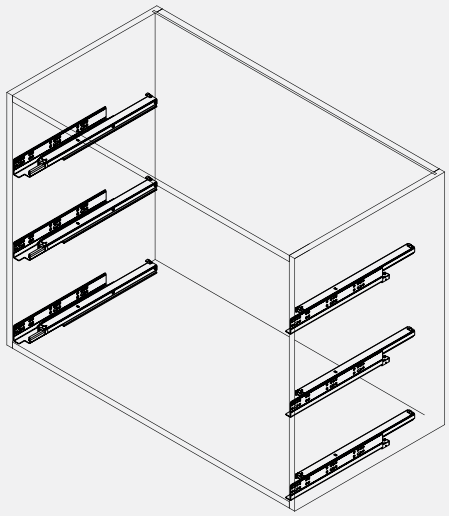


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TCH-23400.S
Synchronized System Installation

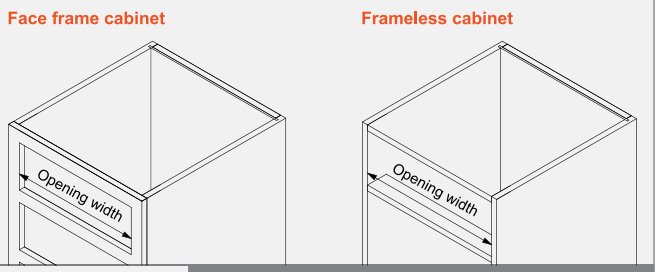
Attaching undermount slides to the cabinet

Install the runners inside the cabinet based on the provided information for the selected undermount slides.



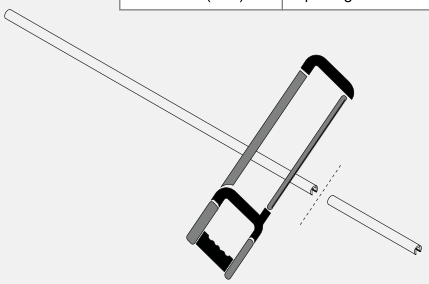
Linkage rod length

Measure the width of the cabinet opening to determine the length of the linkage rod. Use the calculation table below to calculate the appropriate length, and then cut the rod accordingly.



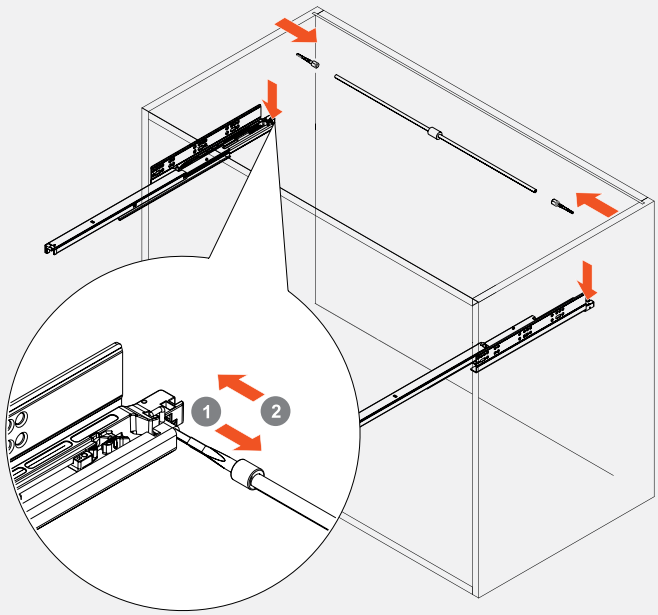
Linkage rod cutting length

Runners thickness	Cutting calculation
16mm (5/8")	Opening width minus 142mm (5-9/16")
19mm (3/4")	Opening width minus 148mm (5-13/16")



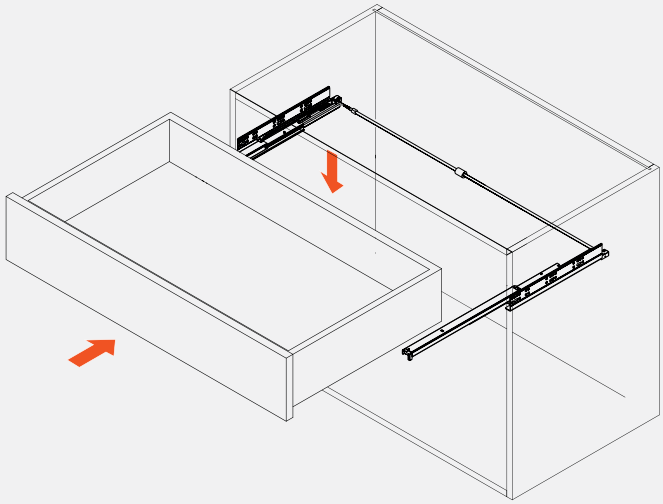
Attaching the linkage rod to the drawer runners

Insert the sockets into the linkage rod, attach the linkage rod to the left and right pinions, and then secure the sockets with the push mechanism.



Insert drawers

Fully extend the slides. Position the drawer on the slides and close it. The locking devices will automatically engage with the slides. Make adjustments if necessary.



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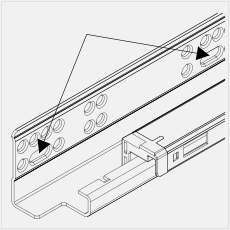
Manufacturer Guidelines for PUSH-OPEN UNDERMOUNT



Notes:

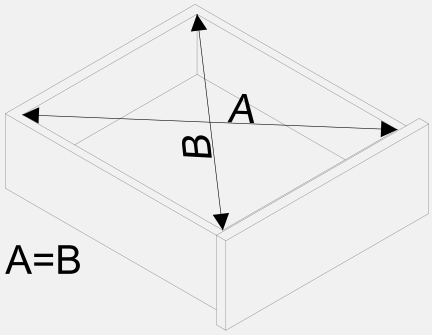
To ensure lasting performance and satisfaction with all PUSH-OPEN or PUSH-OPEN SOFT CLOSE UNDERMOUNT systems for both you as the manufacturer and your customers as end users, please consider the following guidelines during the product's manufacturing, assembly.

We recommend beginning the installation process by using the elongated holes to fine-tune the depth adjustment. Once the depth is correct, finalize the position with the standard fixing holes for a more accurate and secure installation.



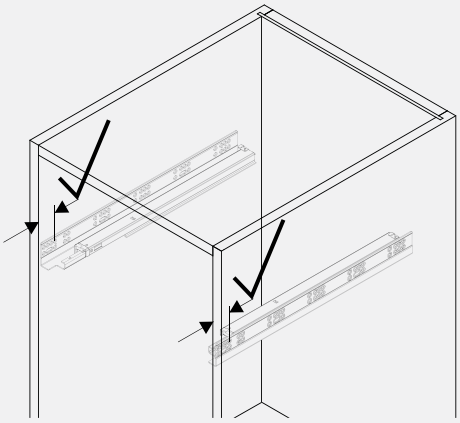
Precision and Alignment

To ensure optimal performance with a minimum front gap of 3.5mm (1/8"), precise manufacturing is essential. Please follow our specifications closely and confirm that both cabinets and drawers are properly squared.



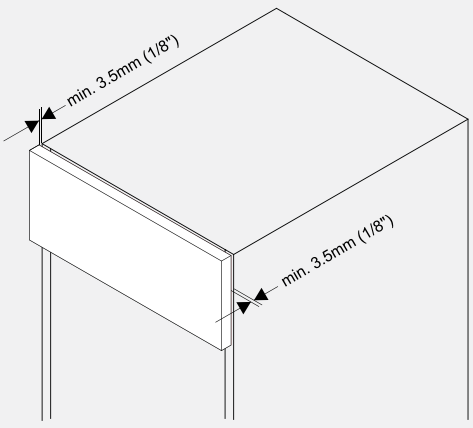
Runners' position

Ensure both concealed runners are positioned at the exact depth.



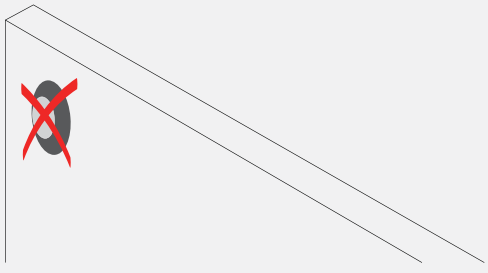
Gap adjustment

Ensure the front gap is uniformly adjusted to at least 3.5mm (1/8") on both sides.

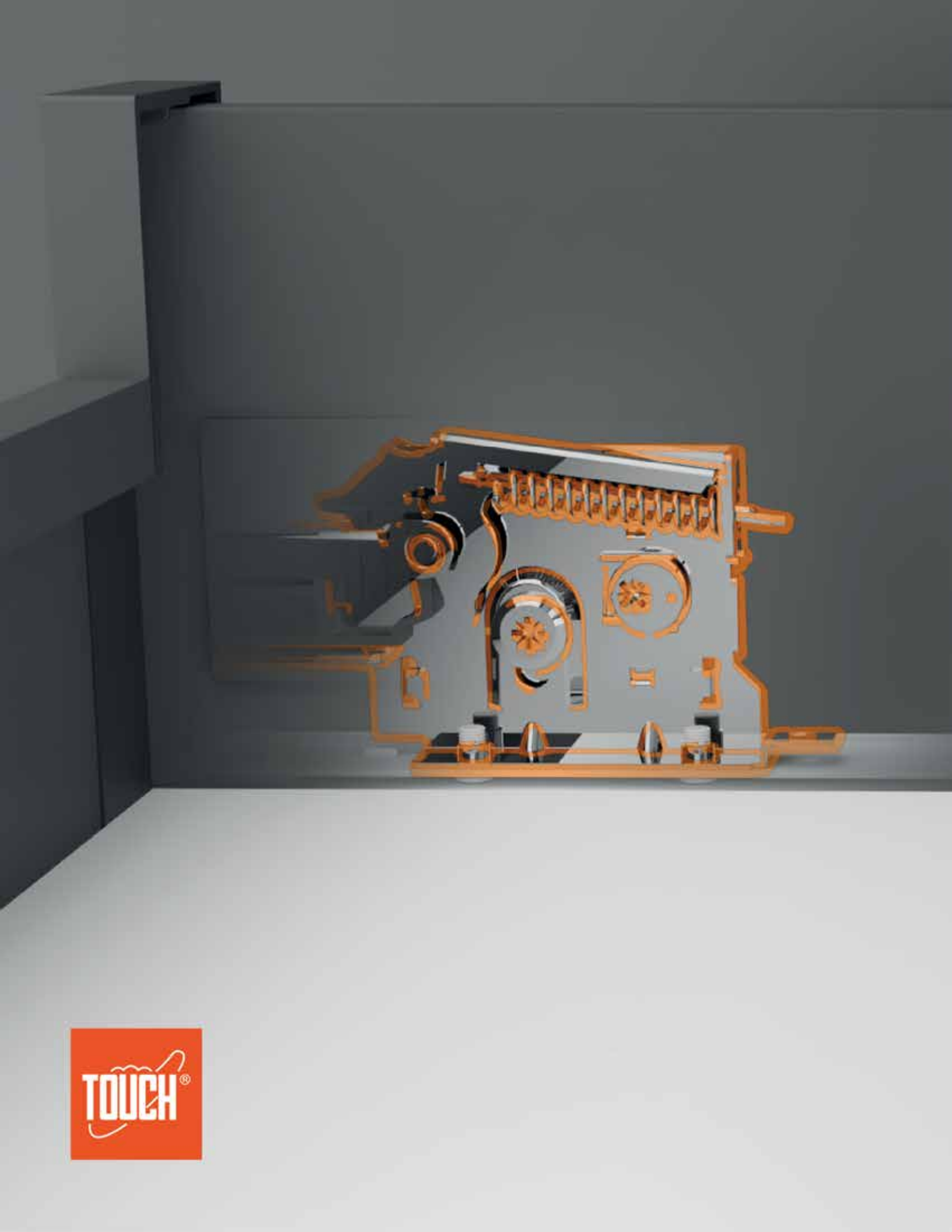


Bumpers

Avoid using bumpers, as they can interfere with the PUSH-OPEN UNDERMOUNT function when the drawer front is pressed.



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TOUCH®

METAL DRAWER SYSTEMS

Upgrade your cabinetry with our Metal Drawer System—designed for durability, sleek aesthetics, and maximum storage efficiency. This system offers a modern, streamlined look while providing robust support and smooth operation. Perfect for kitchens, bathrooms, and office furniture, it's the ideal choice for those who value both style and functionality in their drawer designs.

KEY FEATUERS

Sleek Aesthetic

Space-Saving Design

Durable Construction

Customizable Options

Versatile Compatibility

TOUCH Slim Metal Drawer System LVL-1

TCH-25201



Features

- 89mm (3-1/2") Height
- Tilt adjustment
- Fully compatible with all our undermount slide options

Description

- A slim profile adds a modern touch to your cabinetry
- Low-height design optimizes usable cabinet space
- Constructed from high-quality metal, ensuring strength and stability for everyday use
- Customizable and adaptable, perfect for standard applications or as an inner drawer
- Offered in lengths ranging from 305mm (12") to 533mm (21")
- Standard color: Dark Gray
- Optional colors: Light Gray and White available upon request

Applications









Cabinet and runner comparison

Overall cabinet depth	Drawer length	Sideboard SKU number
381mm (15")	305mm (12")	TCH-TCH-25201 305
457mm (18")	381mm (15")	TCH-TCH-25201 381
533mm (21")	457mm (18")	TCH-TCH-25201 457
610mm (24")	533mm (21")	TCH-TCH-25201 533

Railing Drawer front & mounting brackets



TCH-25200 FXP 1100



TCH-25200 FXB 090

Side rails



TCH-25200 SSR

Sideboard set and components



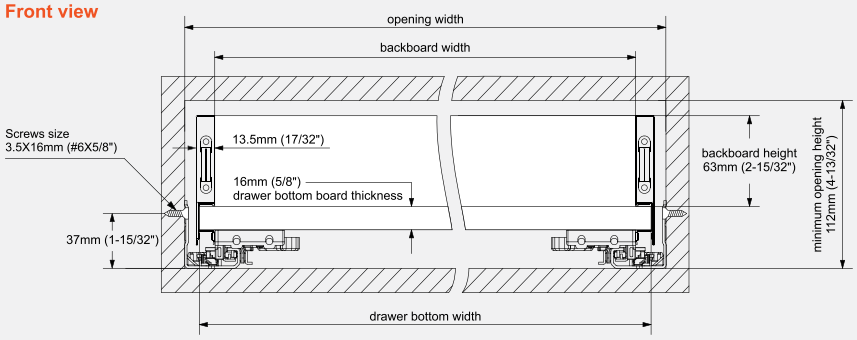
TCH-25201

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Drawer and Cabinet Specifications

Drawer box specifications

Front view



Backboard cutting width	
Runners thickness	Cutting calculation
16mm (5/8")	Opening width minus 42mm (1-21/32")
19mm (3/4")	Opening width minus 49mm (1-15/16")

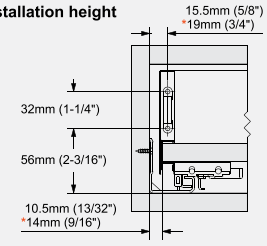
Bottom board cutting width	
Runners thickness	Cutting calculation
16mm (5/8")	Opening width minus 21mm (27/32")
19mm (3/4")	Opening width minus 28mm (1-3/32")

Bottom board length = drawer length minus 10mm (3/8")

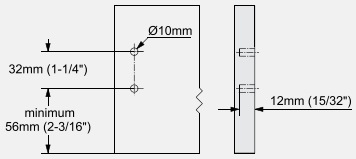
i The * asterisk number for 19mm runner thickness

Level 1 installation specifications

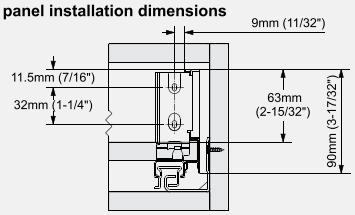
Internal installation height



Front panel installation dimensions



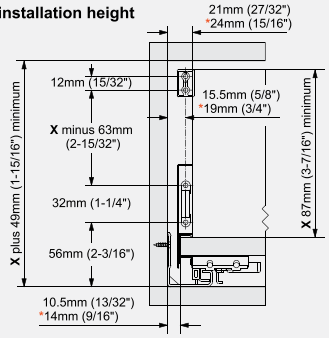
Rear panel installation dimensions



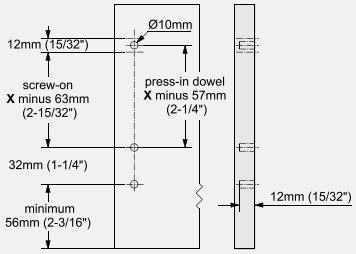
i The * asterisk number for 19mm runner thickness

Level 1 with side rails installation specifications

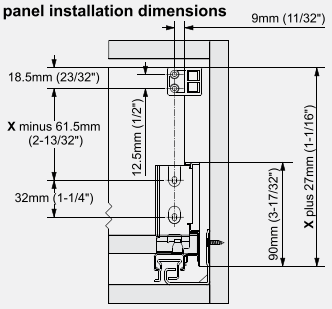
Internal installation height



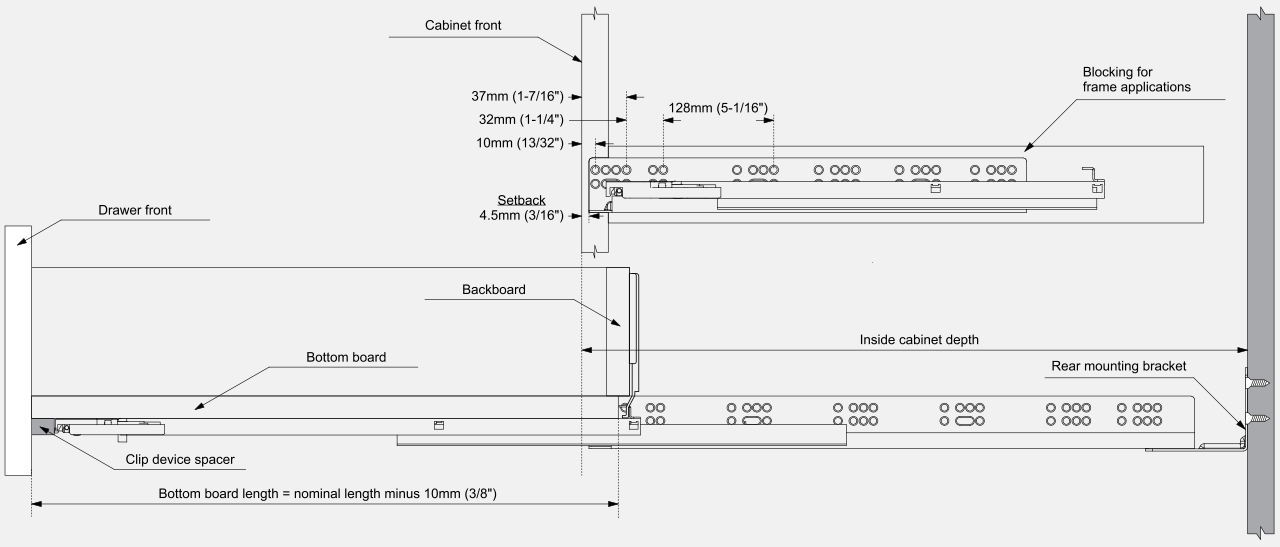
Front panel installation dimensions



Rear panel installation dimensions



Runner mounting specifications



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TOUCH Slim Metal Drawer System LVL-2

TCH-25202



Features

- 128mm (5-1/32") Height
- Tilt adjustment
- Fully compatible with all our undermount slide options

Description

- A slim profile adds a modern touch to your cabinetry
- Medium-height design provides an ideal balance between storage capacity and sleek aesthetics
- Constructed from high-quality metal, ensuring strength and stability for everyday use
- Customizable and adaptable, perfect for standard applications or as an inner drawer
- Offered in lengths ranging from 305mm (12") to 533mm (21")
- Standard color: Dark Gray
- Optional colors: Light Gray and White available upon request

Applications







Cabinet and runner comparison

Overall cabinet depth	Drawer length	Sideboard SKU number
381mm (15")	305mm (12")	TCH-TCH-25202 305
457mm (18")	381mm (15")	TCH-TCH-25202 381
533mm (21")	457mm (18")	TCH-TCH-25202 457
610mm (24")	533mm (21")	TCH-TCH-25202 533

Railing Drawer front & mounting brackets



TCH-25200 FXP 1100



TCH-25200 FXB 128

Side rails



TCH-25200 SSR

Sideboard set and components



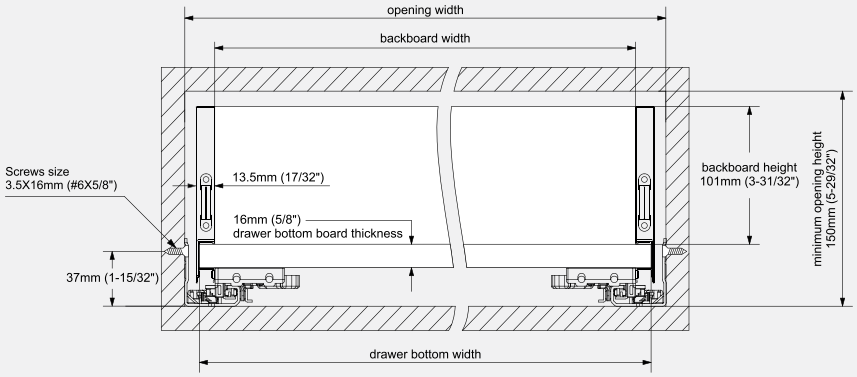
TCH-25202

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Drawer and Cabinet Specifications

Drawer box specifications

Front view



Backboard cutting width	
Runners thickness	Cutting calculation
16mm (5/8")	Opening width minus 42mm (1-21/32")
19mm (3/4")	Opening width minus 49mm (1-15/16")

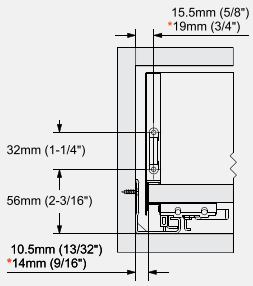
Bottom board cutting width	
Runners thickness	Cutting calculation
16mm (5/8")	Opening width minus 21mm (27/32")
19mm (3/4")	Opening width minus 28mm (1-3/32")

Bottom board length = drawer length minus 10mm (3/8")

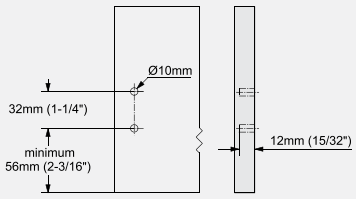
i The * asterisk number for 19mm runner thickness

Level 2 installation specifications

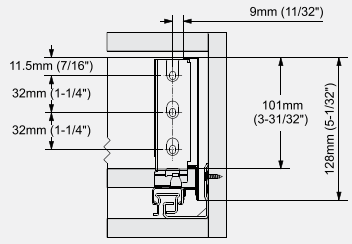
Internal installation height



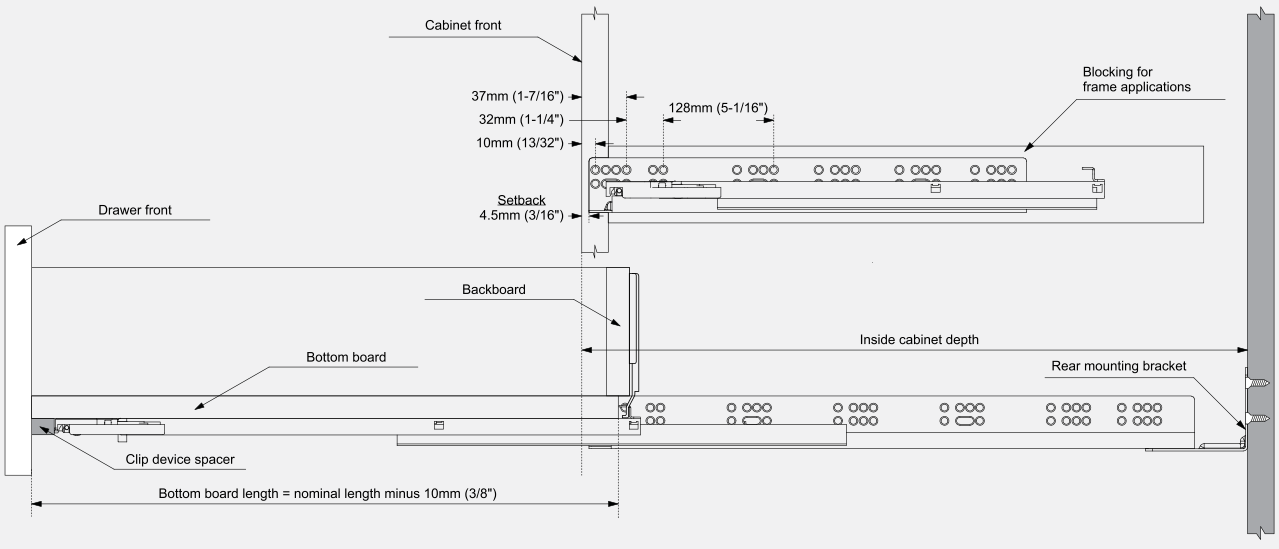
Front panel installation dimensions



Rear panel installation dimensions



Runner mounting specifications



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TOUCH Slim Metal Drawer System LVL-3

TCH-25203



Features

- 175mm (6-7/8") Height
- Tilt adjustment
- Fully compatible with all our undermount slide options

Description

- A slim profile adds a modern touch to your cabinetry
- Large-height design maximizes storage capacity, ideal for accommodating bulkier items
- Constructed from high-quality metal, ensuring strength and stability for everyday use
- Customizable and adaptable, perfect for standard applications or as an inner drawer
- Offered in lengths ranging from 305mm (12") to 533mm (21")
- Standard color: Dark Gray
- Optional colors: Light Gray and White available upon request

Applications







Cabinet and runner comparison

Overall cabinet depth	Drawer length	Sideboard SKU number
381mm (15")	305mm (12")	TCH-TCH-25203 305
457mm (18")	381mm (15")	TCH-TCH-25203 381
533mm (21")	457mm (18")	TCH-TCH-25203 457
610mm (24)	533mm (21")	TCH-TCH-25203 533

Railing Drawer front & mounting brackets



TCH-25200 FXP 1100



TCH-25200 FXB 175

Side rails



TCH-25200 SSR

Sideboard set and components



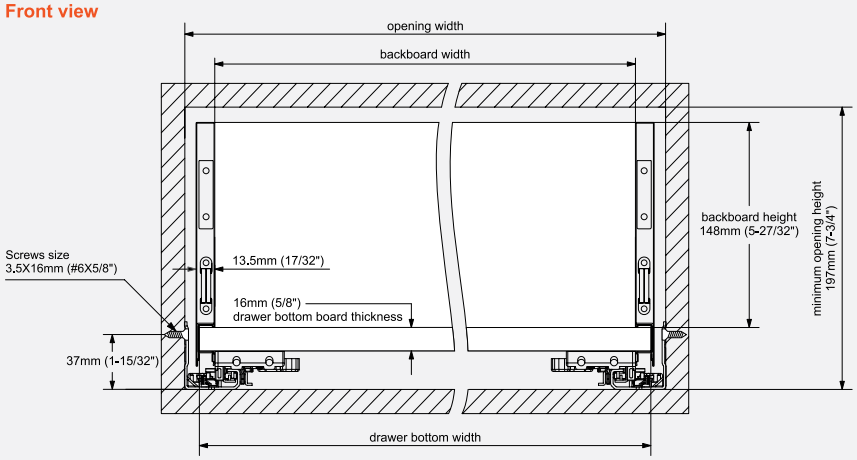
TCH-25203

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Drawer and Cabinet Specifications

Drawer box specifications

Front view



Backboard cutting width	
Runners thickness	Cutting calculation
16mm (5/8")	Opening width minus 42mm (1-21/32")
19mm (3/4")	Opening width minus 49mm (1-15/16")

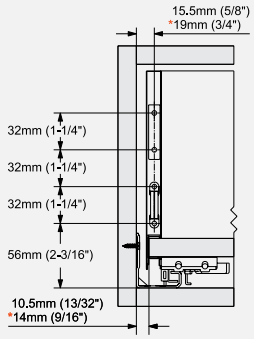
Bottom board cutting width	
Runners thickness	Cutting calculation
16mm (5/8")	Opening width minus 21mm (27/32")
19mm (3/4")	Opening width minus 28mm (1-3/32")

Bottom board length = drawer length minus 10mm (3/8")

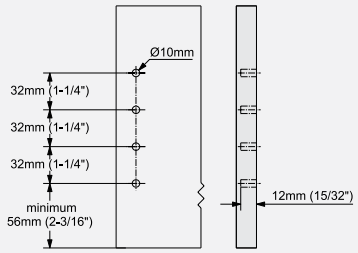
i The * asterisk number for 19mm runner thickness

Level 3 installation specifications

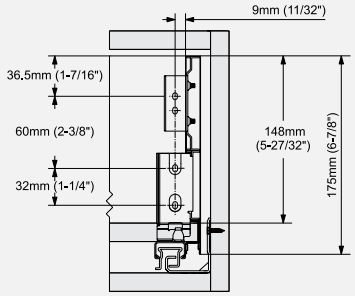
Internal installation height



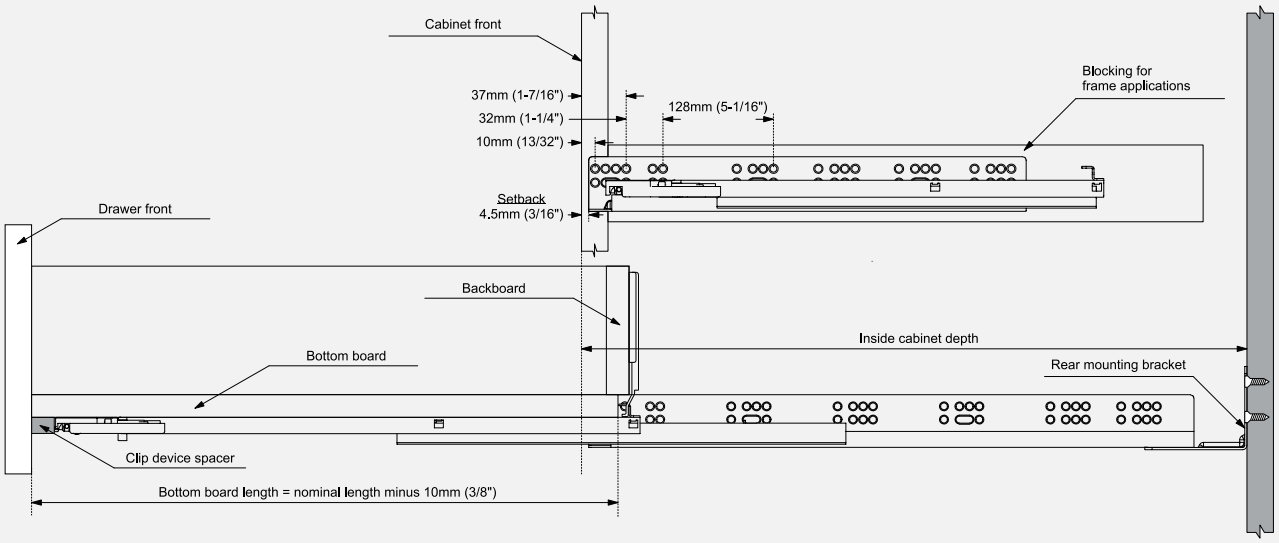
Front panel installation dimensions



Rear panel installation dimensions



Runner mounting specifications

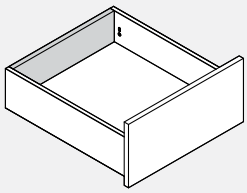


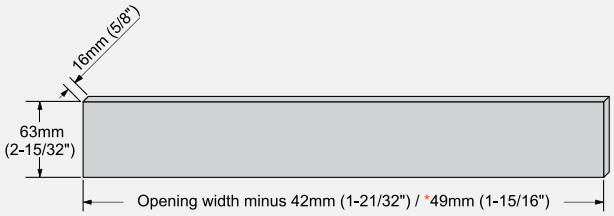
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LVL-1 Specifications

Drawer backboard

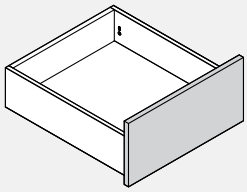
i The * asterisk number for 19mm runner thickness

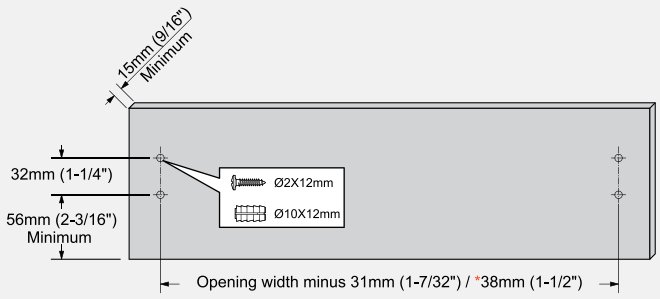




Drawer front

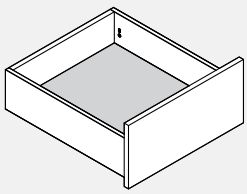
i The * asterisk number for 19mm runner thickness

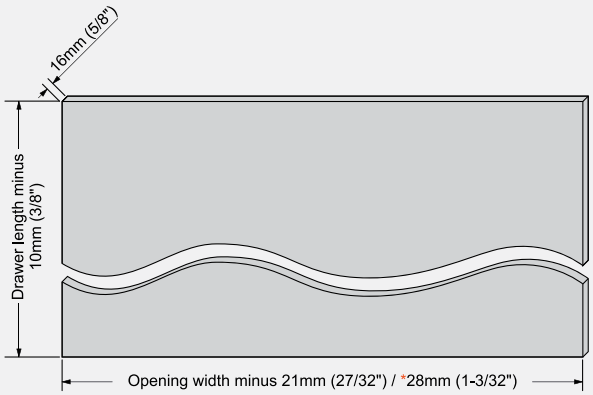




Drawer bottom board

i The * asterisk number for 19mm runner thickness



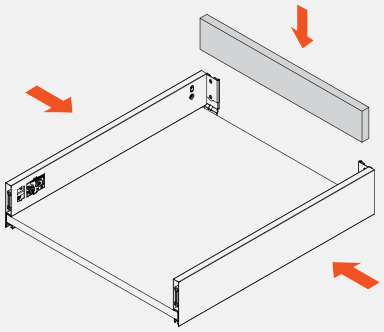


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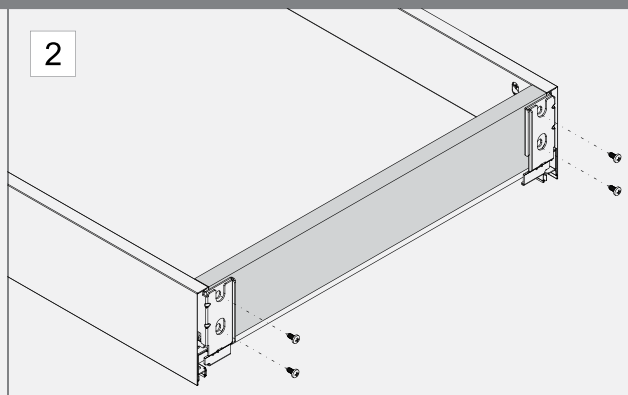
Installation instructions

Drawer backboard

1

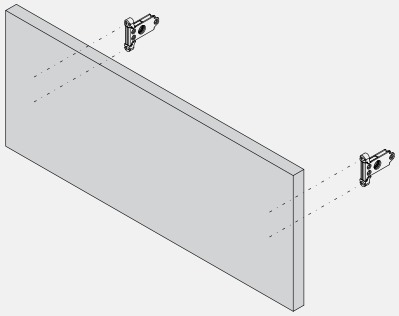


2



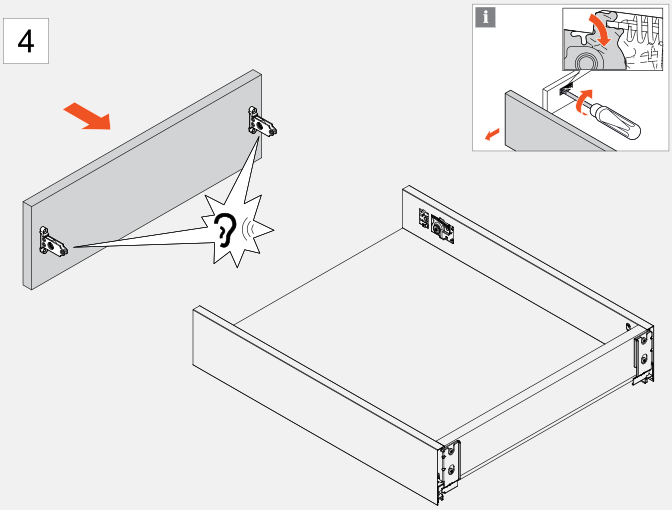
Drawer front

3



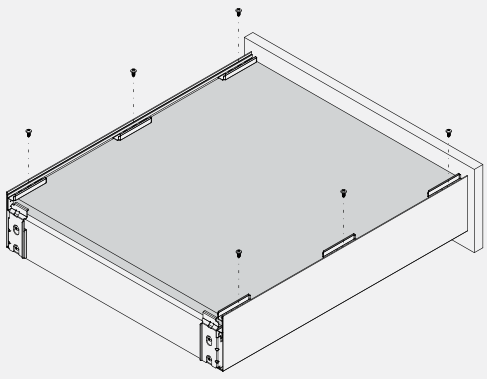
Detaching drawer front

4

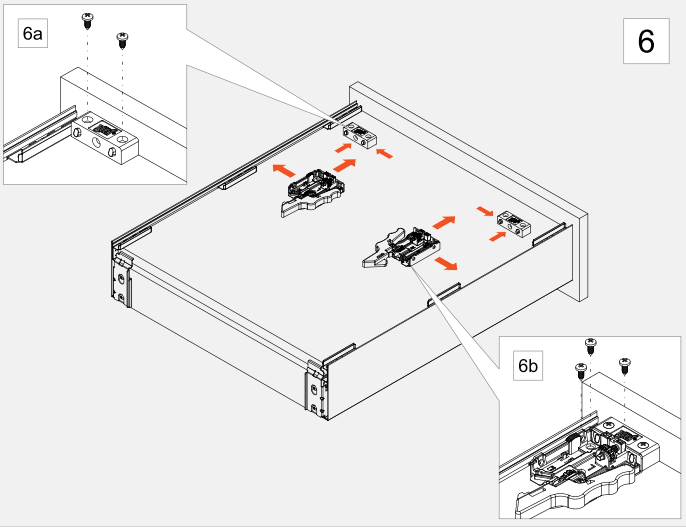


Drawer bottom board

5



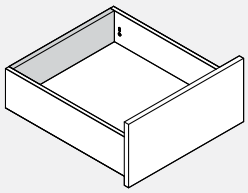
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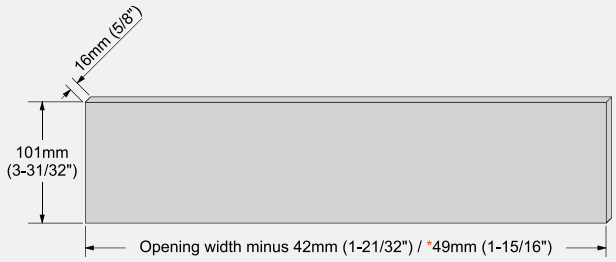


LVL-2 Specifications

Drawer backboard

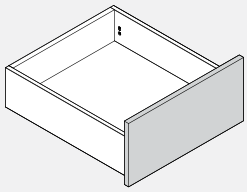
The * asterisk number for 19mm runner thickness

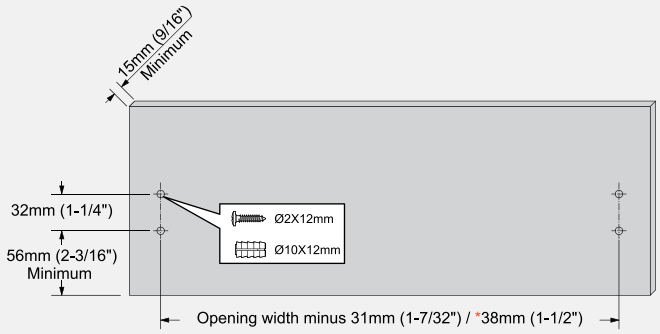




Drawer front

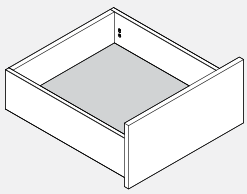
The * asterisk number for 19mm runner thickness

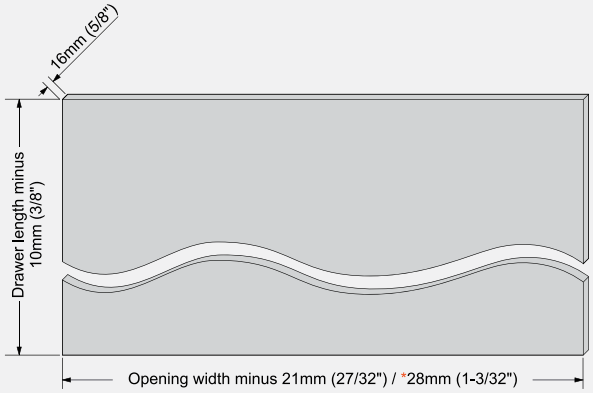




Drawer bottom board

The * asterisk number for 19mm runner thickness



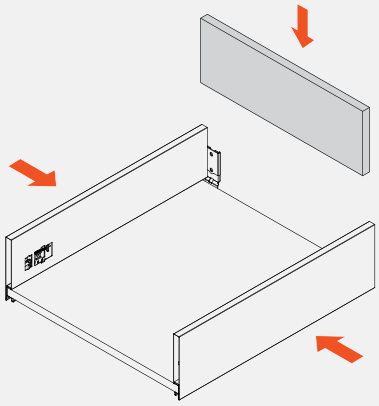


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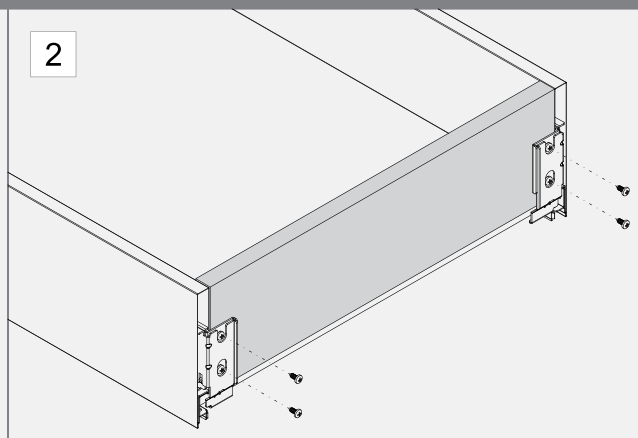
Installation instructions

Drawer backboard

1

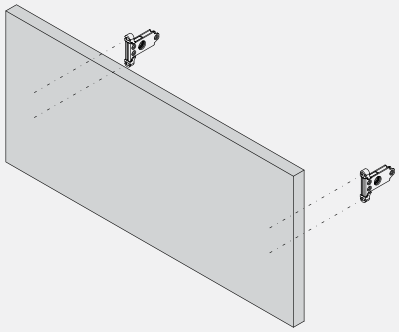


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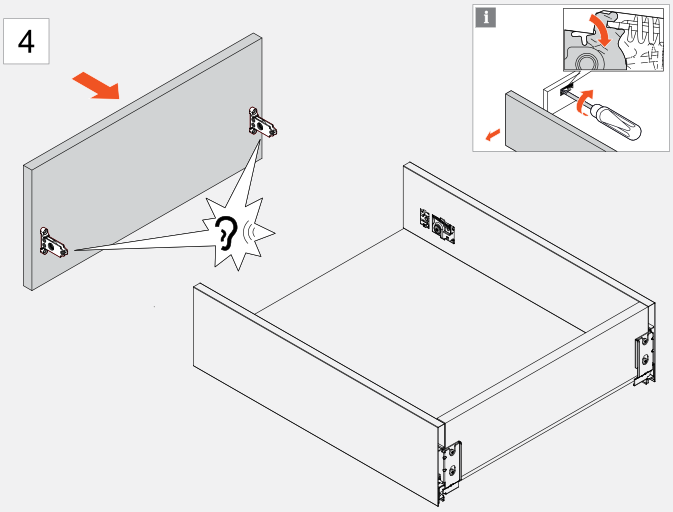
Drawer front

3



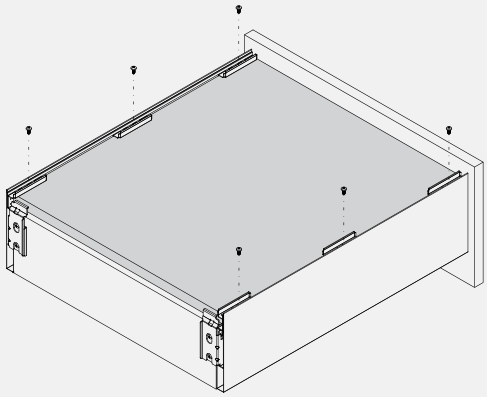
Detaching drawer front

4

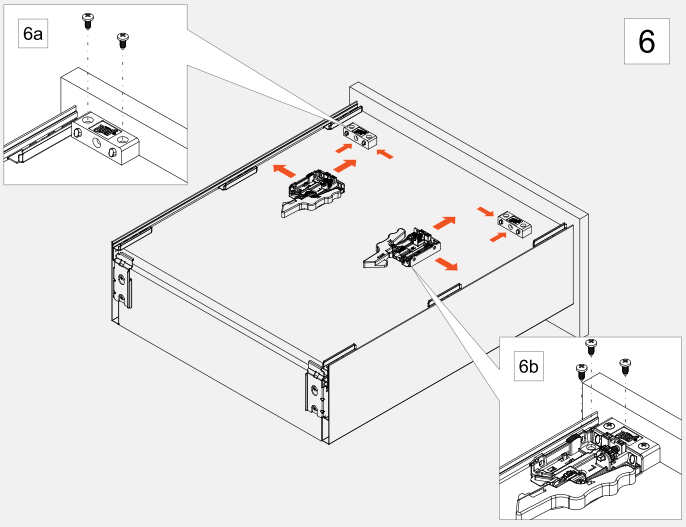


Drawer bottom board

5



6

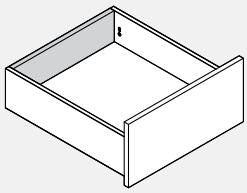


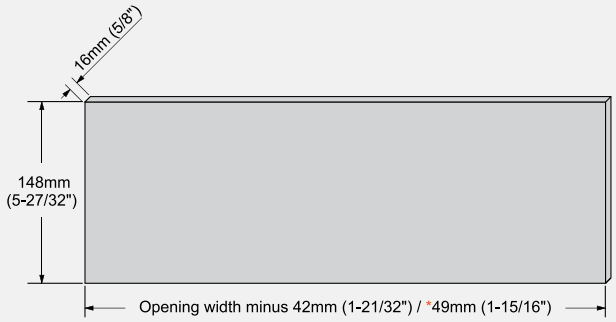
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LVL-3 Specifications

Drawer backboard

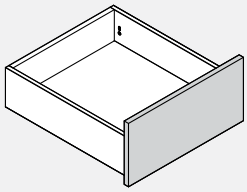
i The * asterisk number for 19mm runner thickness

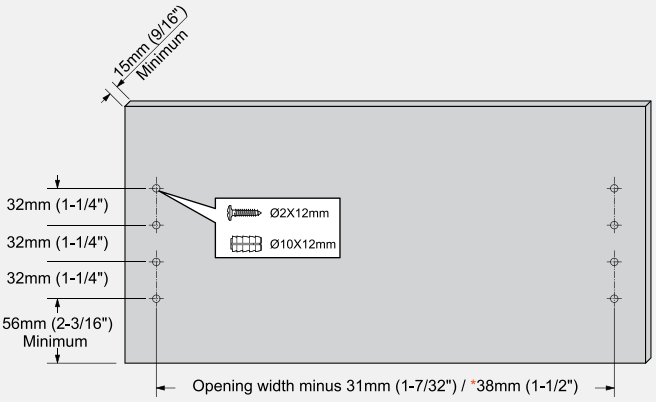




Drawer front

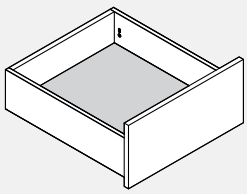
i The * asterisk number for 19mm runner thickness

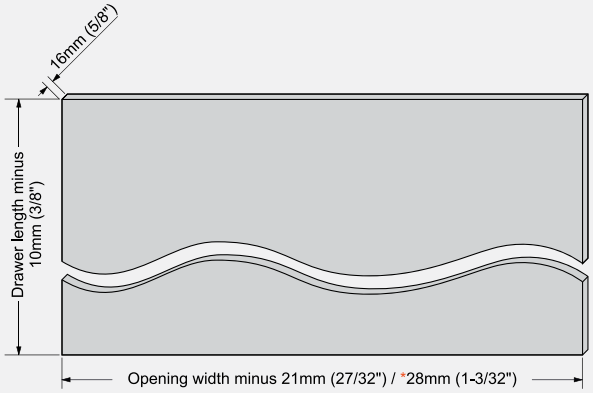




Drawer bottom board

i The * asterisk number for 19mm runner thickness



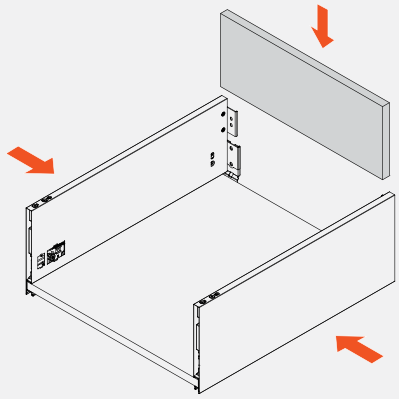


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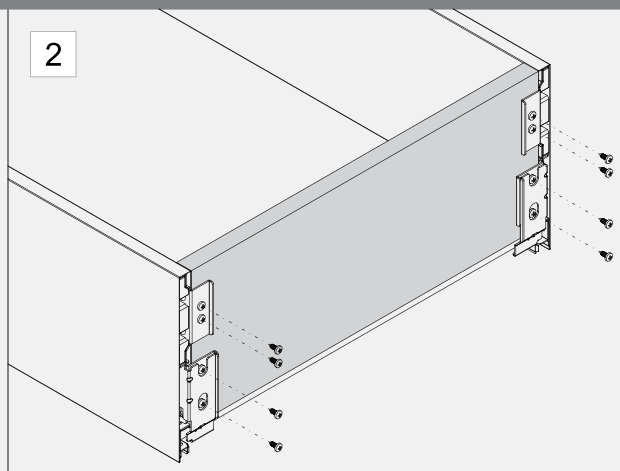
Installation instructions

Drawer backboard

1

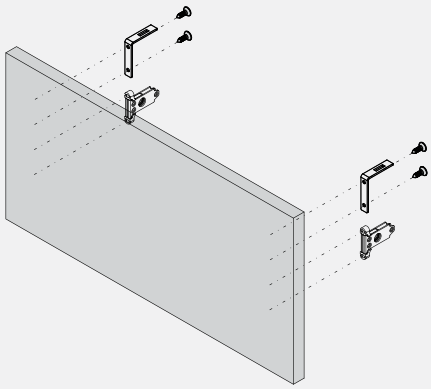


2



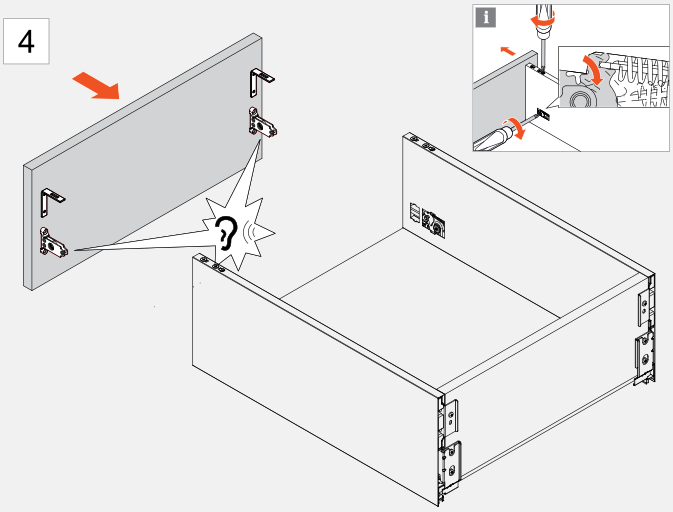
Drawer front

3



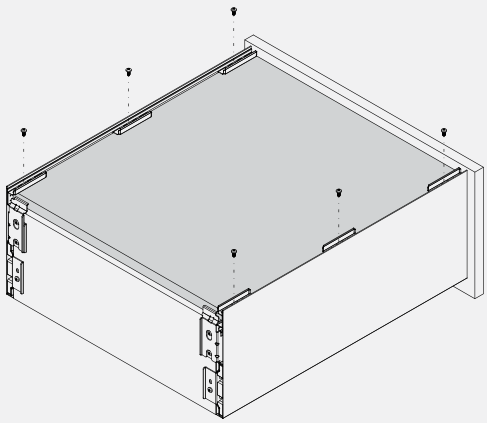
Detaching drawer front

4

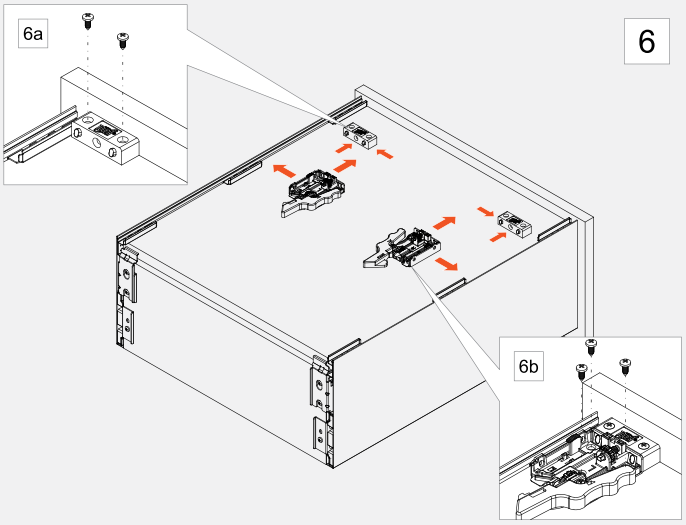


Drawer bottom board

5



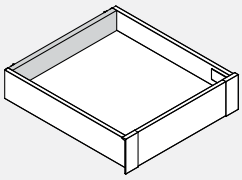
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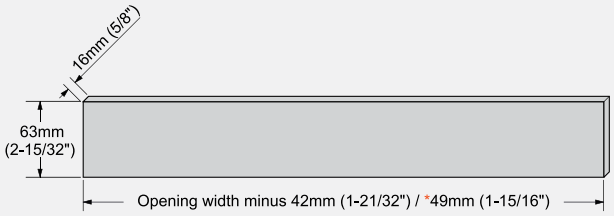


LVL-1 Pull out Drawer Specifications

Drawer backboard

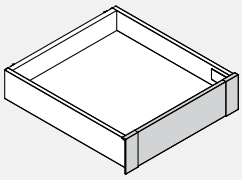
i The * asterisk number for 19mm runner thickness

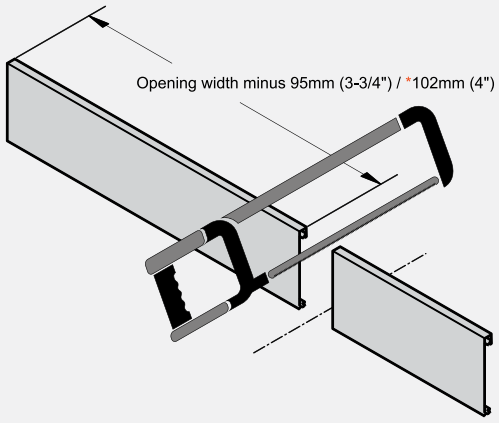




Drawer front

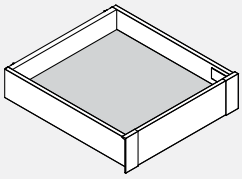
i The * asterisk number for 19mm runner thickness

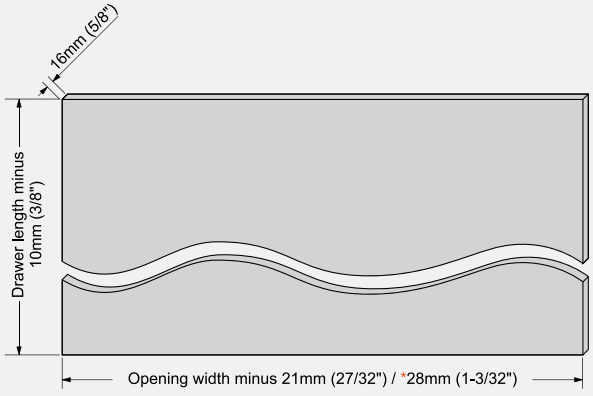




Drawer bottom board

i The * asterisk number for 19mm runner thickness



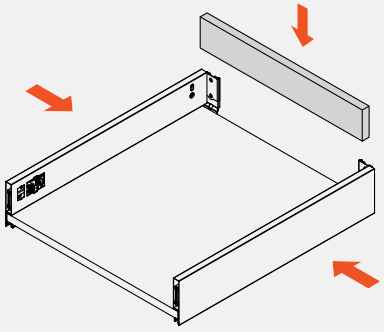


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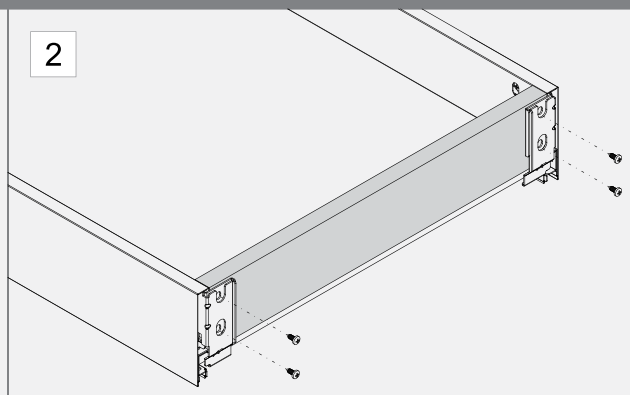
Installation instructions

Drawer backboard

1

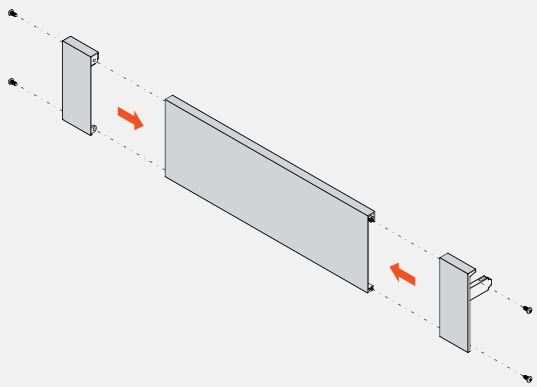


2



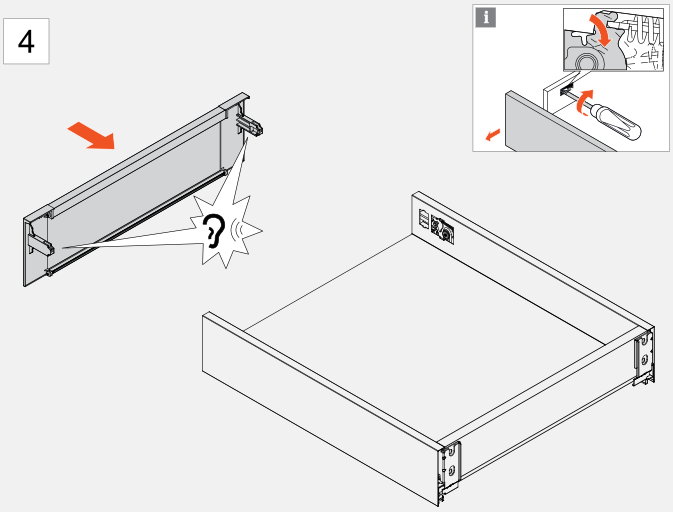
Drawer front

3



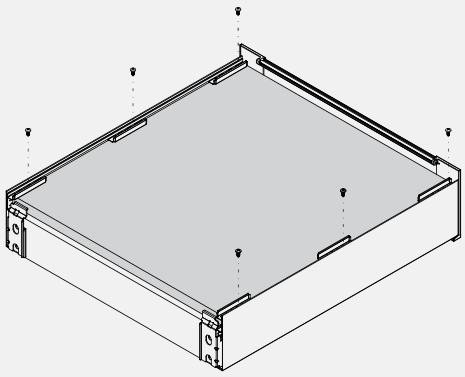
Detaching drawer front

4

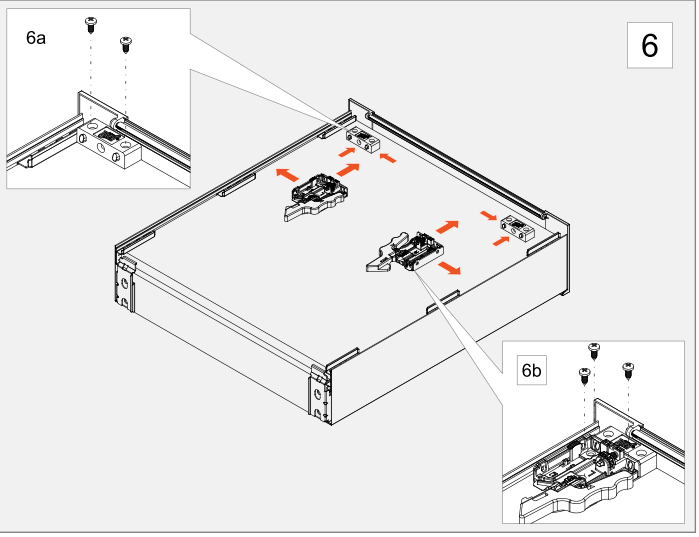


Drawer bottom board

5



6

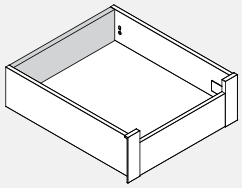


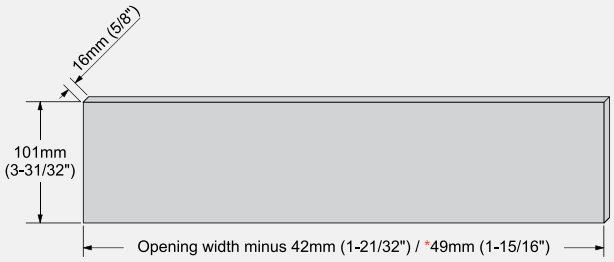
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LVL-2 Pull out Drawer Specifications

Drawer backboard

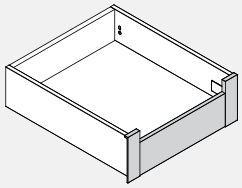
i The * asterisk number for 19mm runner thickness

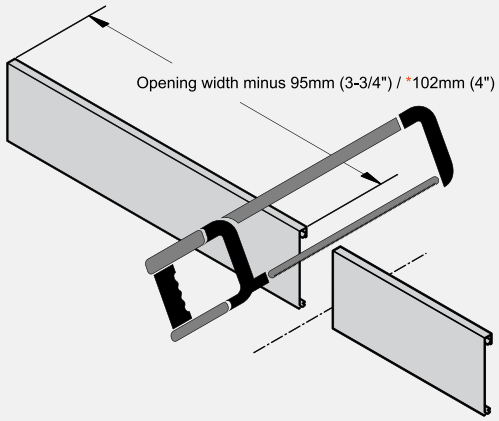




Drawer front

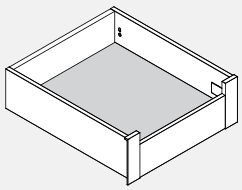
i The * asterisk number for 19mm runner thickness

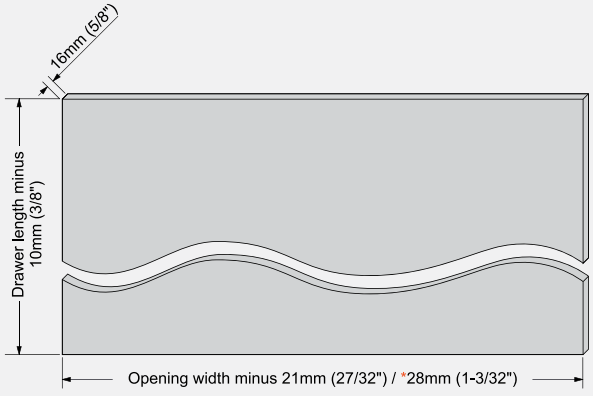




Drawer bottom board

i The * asterisk number for 19mm runner thickness



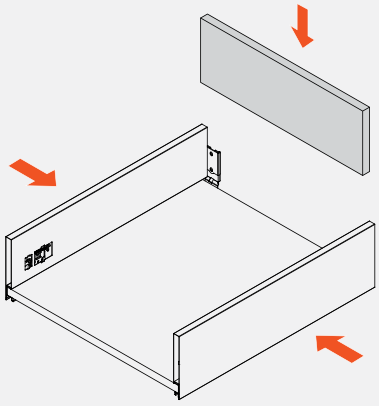


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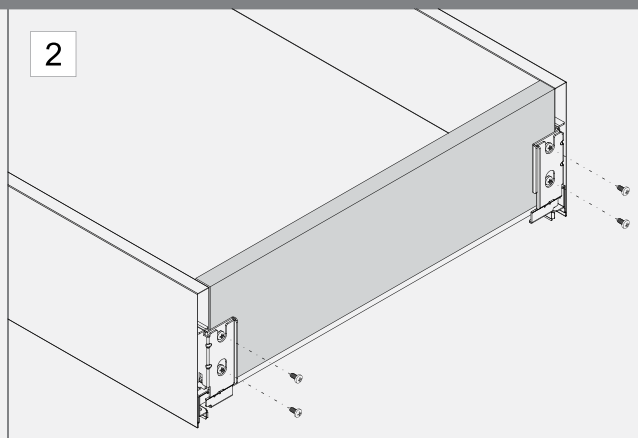
Installation instructions

Drawer backboard

1

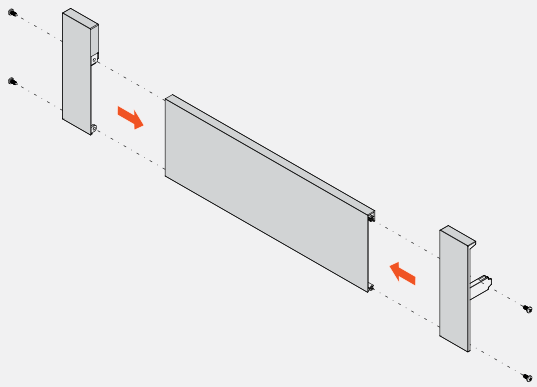


2



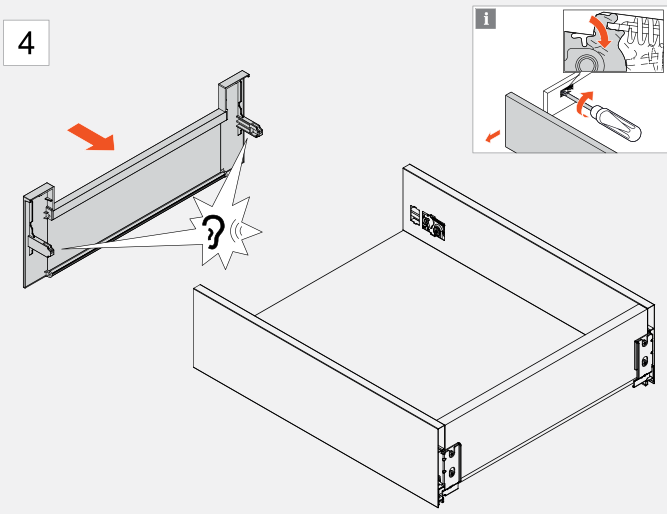
Drawer front

3



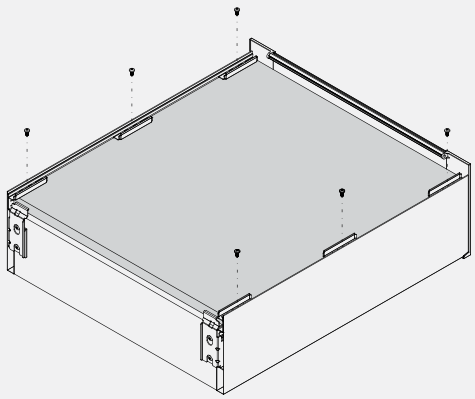
Detaching drawer front

4

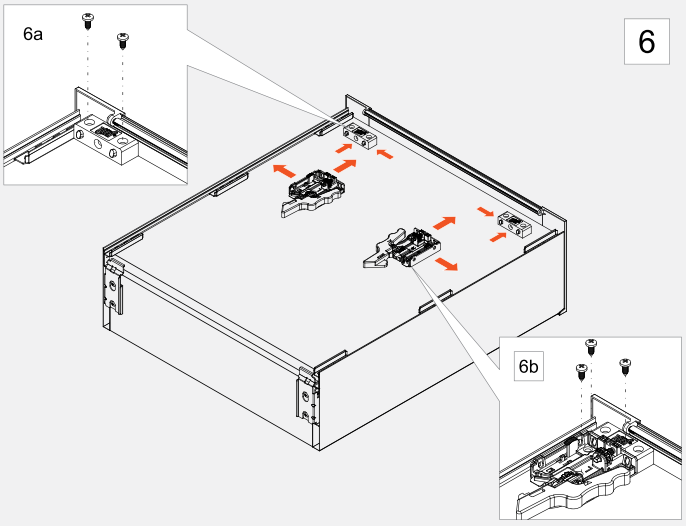


Drawer bottom board

5



6

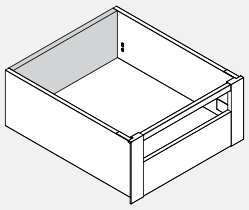


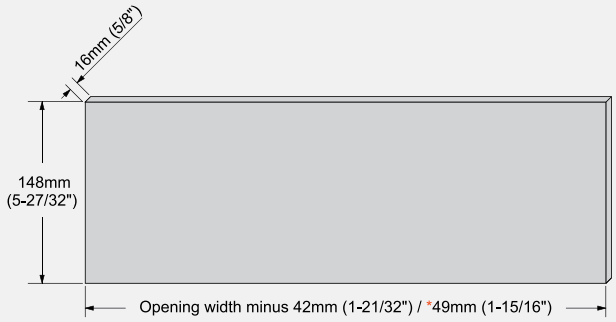
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LVL-3 Pull out Drawer Specifications

Drawer backboard

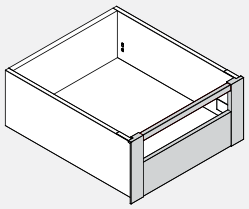
The * asterisk number for 19mm runner thickness

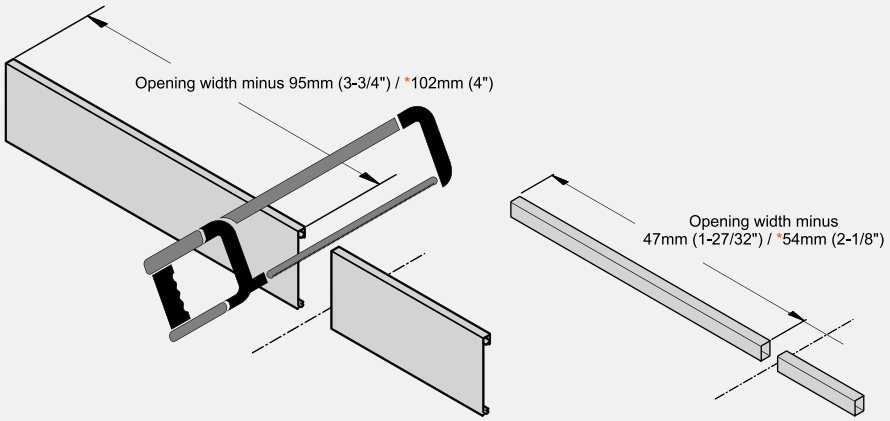




Drawer front

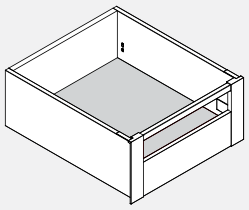
The * asterisk number for 19mm runner thickness

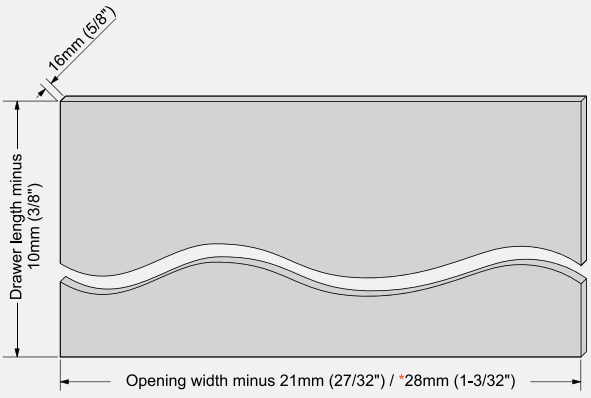




Drawer bottom board

The * asterisk number for 19mm runner thickness



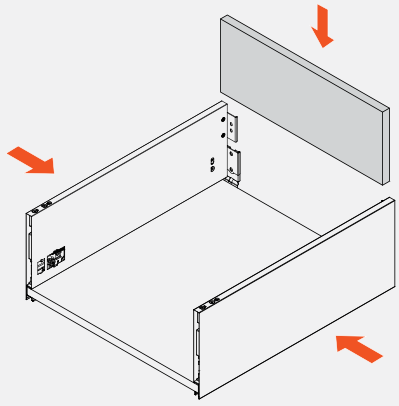


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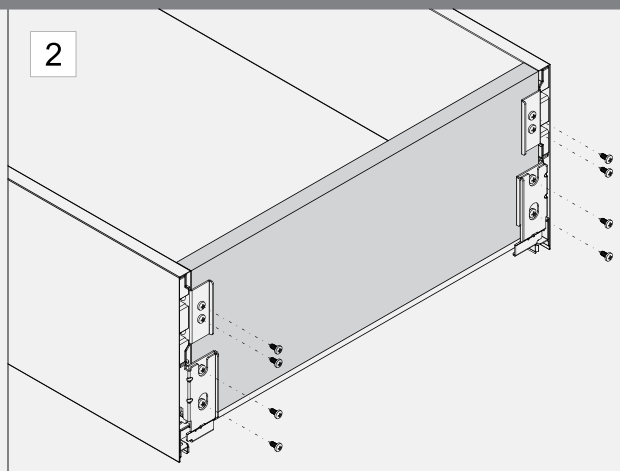
Installation instructions

Drawer backboard

1

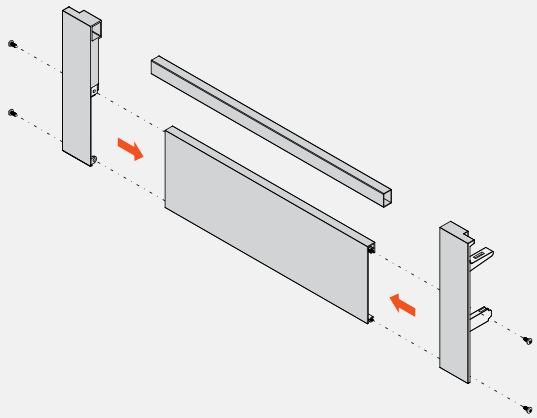


2



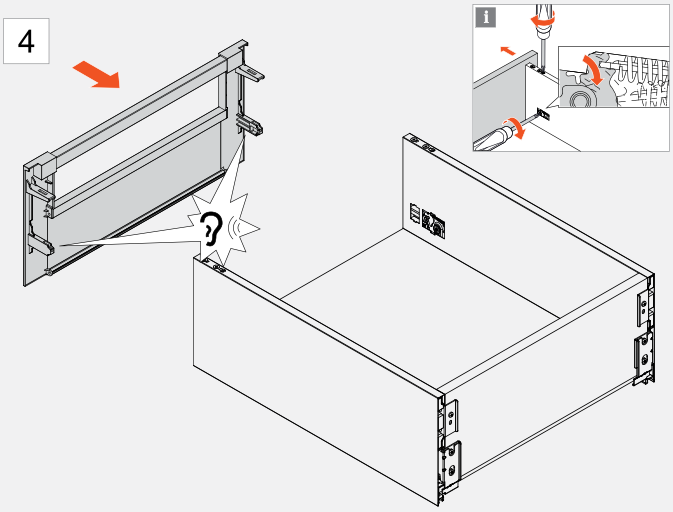
Drawer front

3



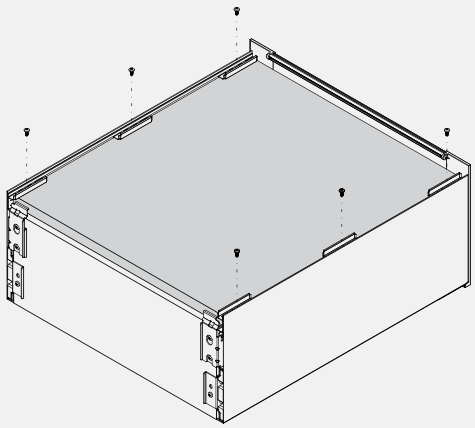
Detaching drawer front

4

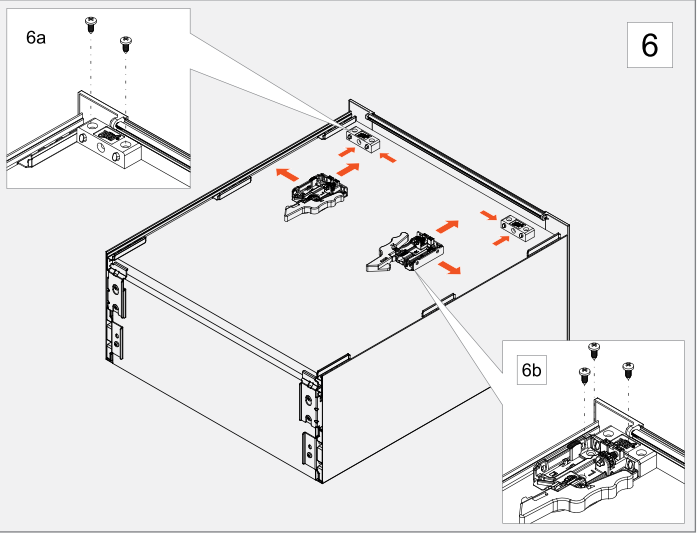


Drawer bottom board

5



6

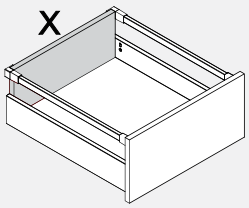


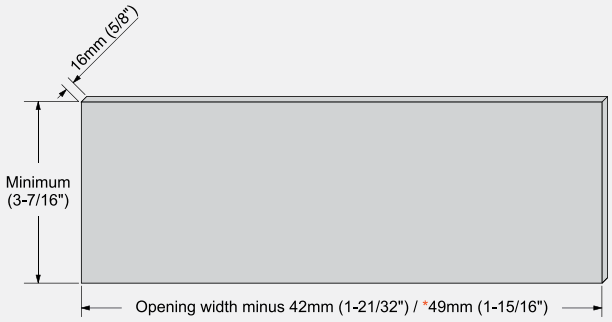
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LVL-1 Using Side Rails Specifications

Drawer backboard

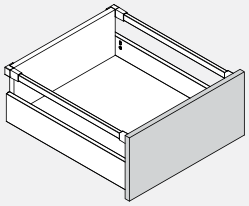
The * asterisk number for 19mm runner thickness

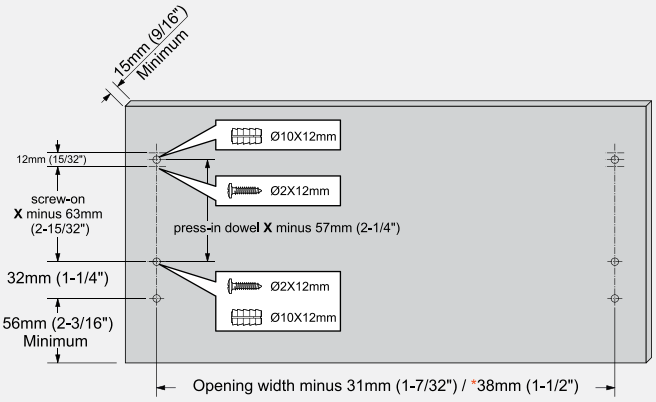




Drawer front

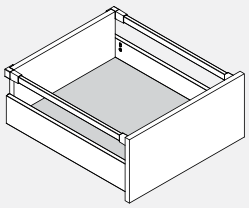
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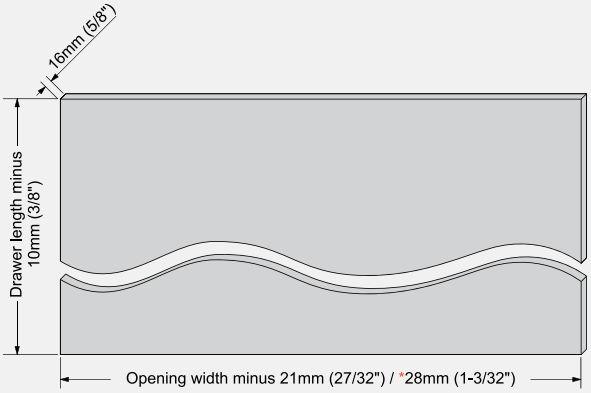




Drawer bottom board

The * asterisk number for 19mm runner thickness



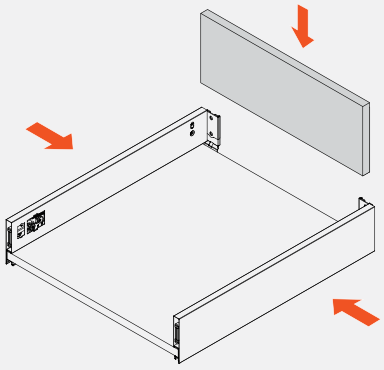


 | © 2026 TOUCH CABINETS HARDWARE, INC.

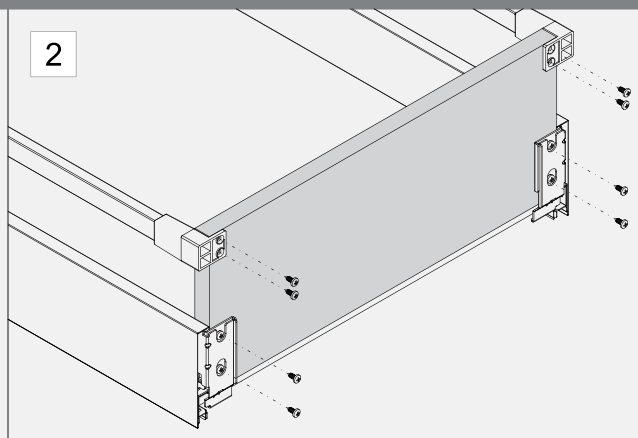
Installation instructions

Drawer backboard

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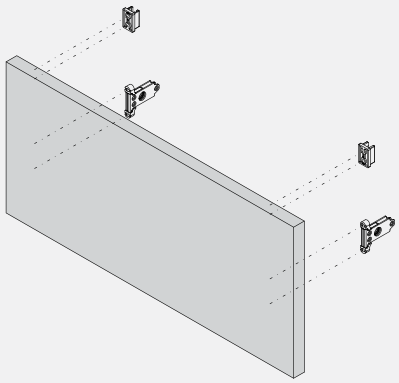


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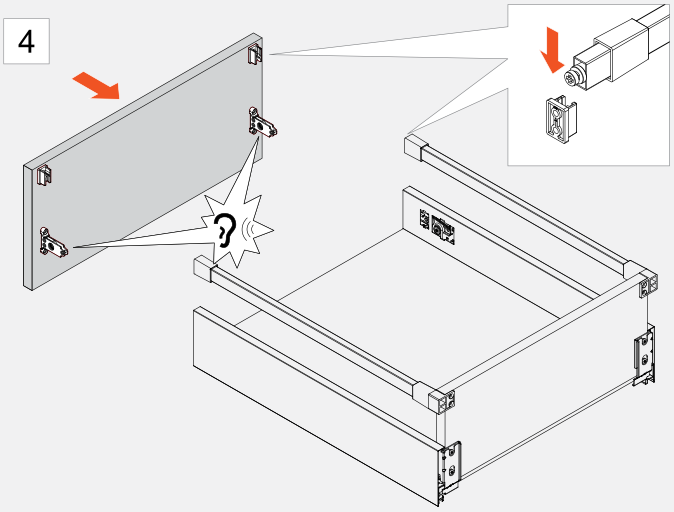
Drawer front

3



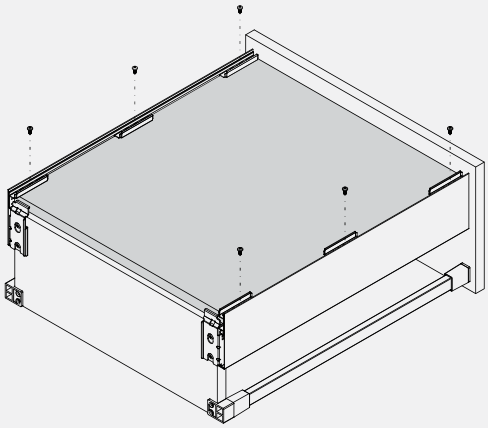
Detaching drawer front

4

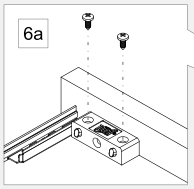


Drawer bottom board

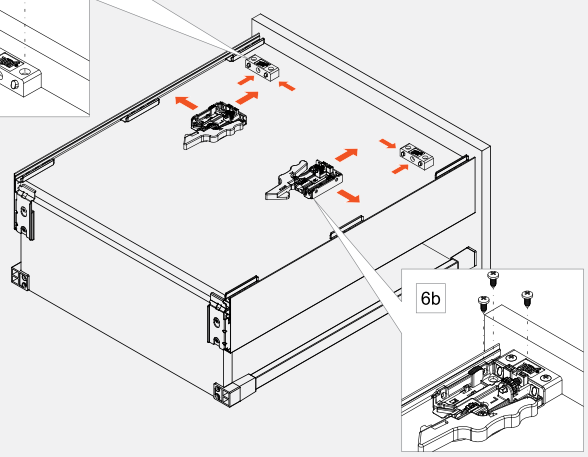
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6a



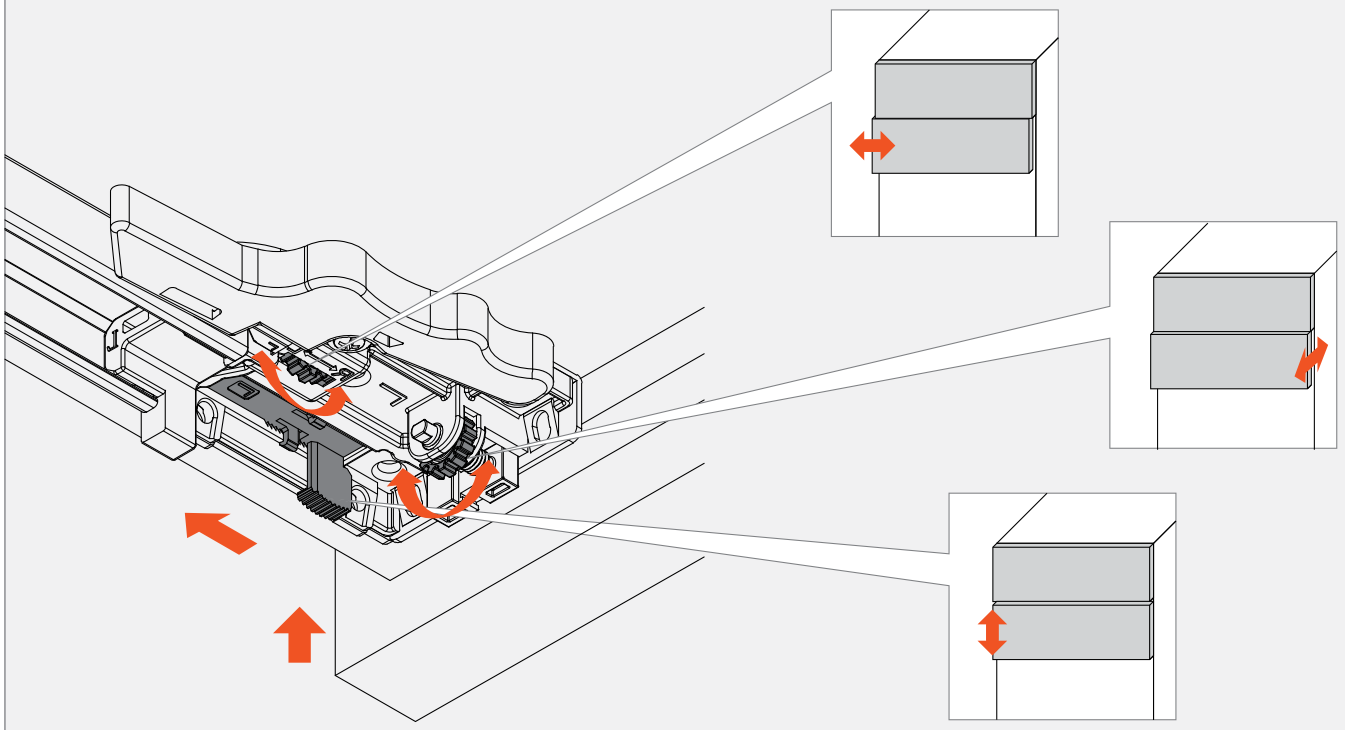
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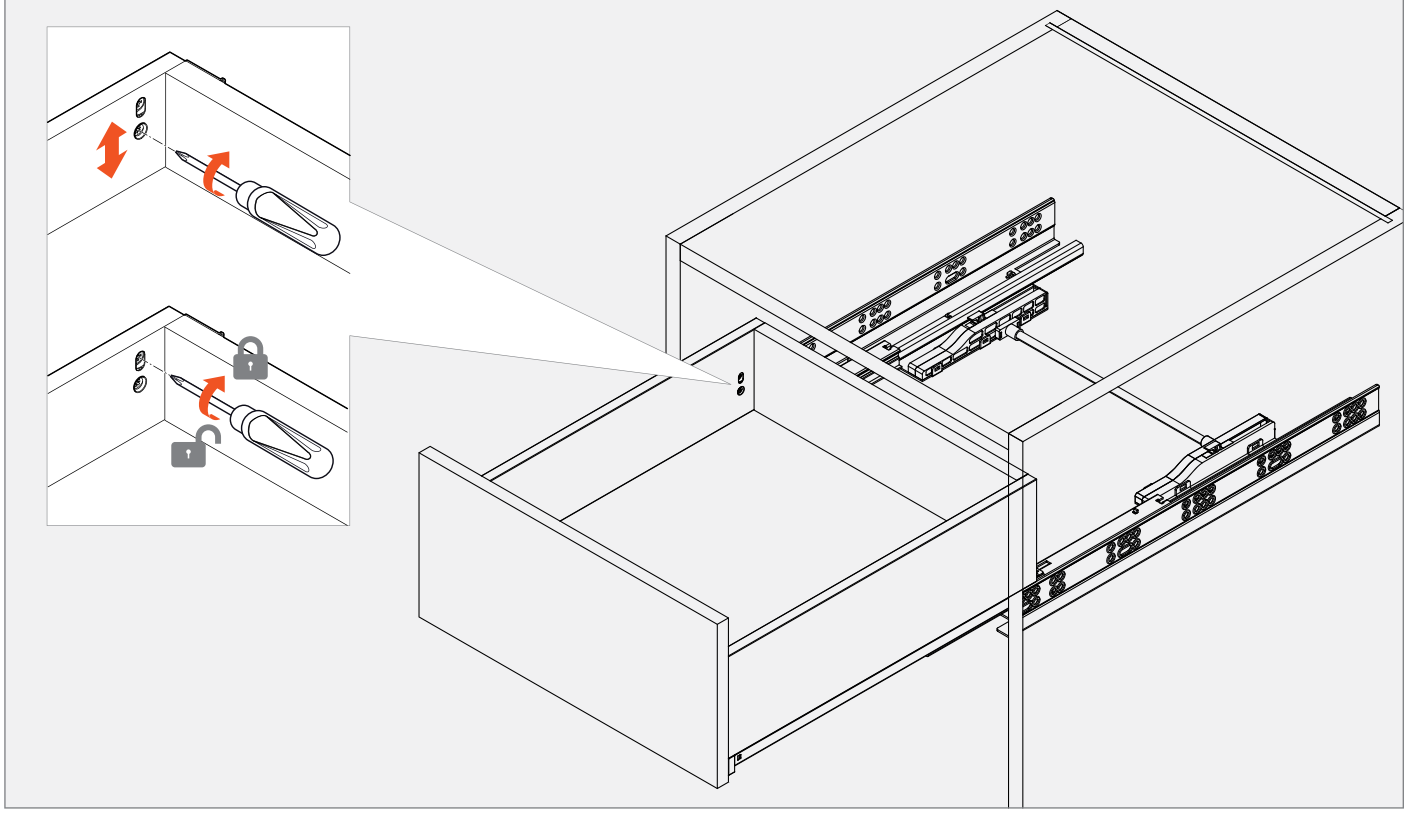
6b

Drawer Box and Runner Adjustment

Front adjustment



Rear adjustment



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KICK STEP

A smart pull-out kick step designed for safe and effortless access to upper cabinets, then smoothly concealed within the kitchen base to preserve a clean and elegant look.

TOUCH®



KICK STEP

TCH-23600



Features

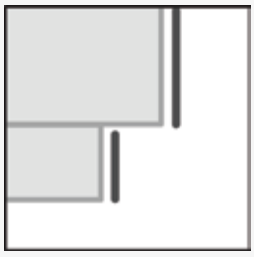
- Concealed toe-kick step system
- Heavy-duty steel construction
- Smooth slide-out operation
- Soft-close mechanism

Description

- Hidden pull-out step integrated into the cabinet toe-kick
- Ideal for kitchens, closets, laundry rooms, bathrooms, and utility cabinets
- Soft-close mechanism ensures smooth, quiet, and controlled closing
- Suitable for cabinet widths from 400mm (16") to 1220mm (48")
- Can be combined with toe-kick storage drawers for additional functionality

Applications







Step and runner comparison

Minimum cabinet depth	Step SKU number	Runner length for storage drawer
457mm (18")	TCH-23600 NI410	381mm (15")
508mm (20")	TCH-23600 NI460	457mm (18")

Set and components





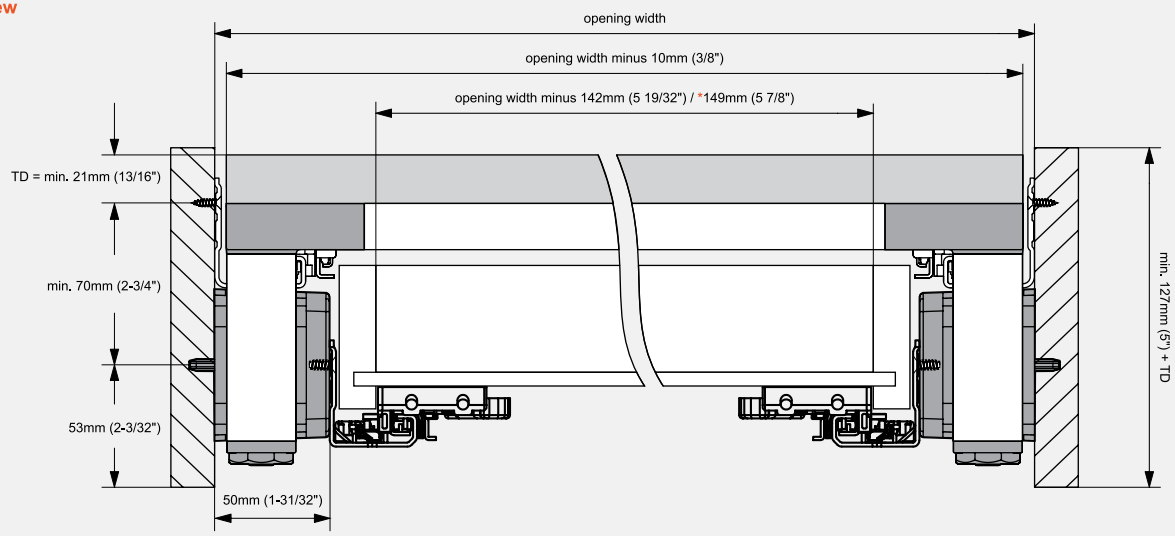


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Kick step and drawer box specifications

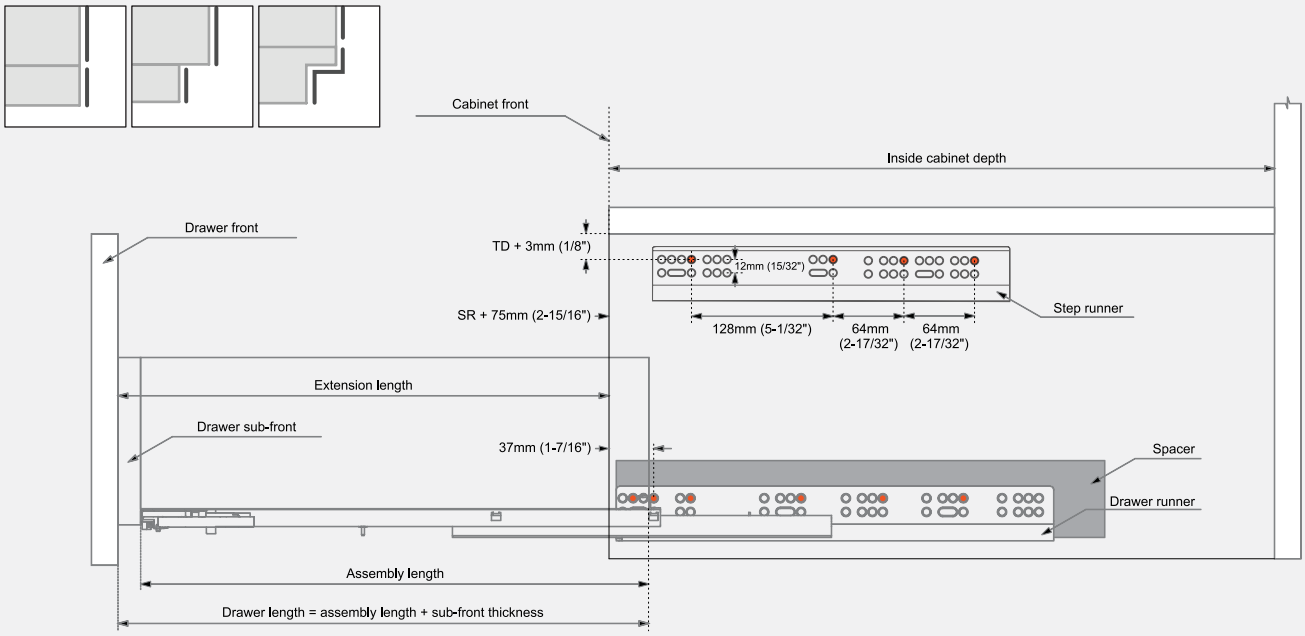
The * asterisk number for 19mm runner thickness

Front view



The * asterisk number for 19mm runner thickness

Runner mounting specifications



SR= Toe kick recess

TD = Step board thickness (including anti-slip material)

Kick step and drawer runner recommendations

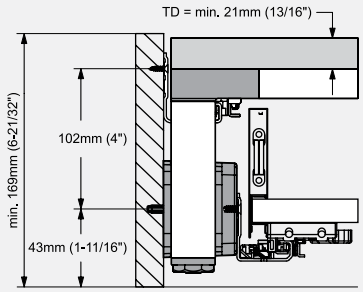
Step SKU number	Material thickness	Recommenced runner SKU number	Nominal length	Runner length	Assembly length	Extension length	Inside cabinet depth Minimum
TCH-23600 NI410	16mm (5/8")	TCH-23403.S 16.381.3D	381mm (15")	386mm (15-3/16")	365mm (14-3/8")	353mm (13-7/8")	406mm (16")
	19mm (3/4")	TCH-23403.S 19.381.3D					
TCH-23600 NI460	16mm (5/8")	TCH-23403.S 16.457.3D	457mm (18")	462mm (18-3/16")	441mm (17-3/8")	429mm (16-7/8")	482mm (19")
	19mm (3/4")	TCH-23403.S 19.457.3D					

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Kick Step Using Slim Metal Drawer System

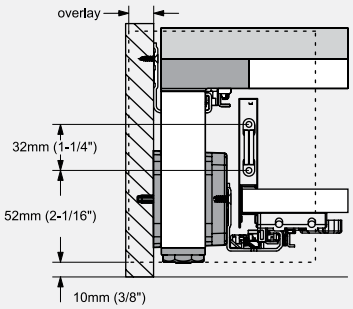
LVL-1 Specifications

Runner and spacer dimensions

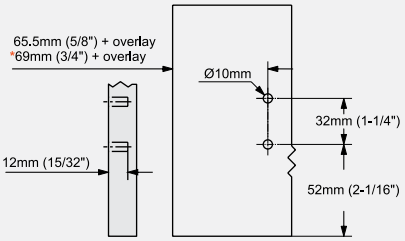


i TD = Step board thickness (including anti-slip material)

Front panel dimensions for screw-on installation



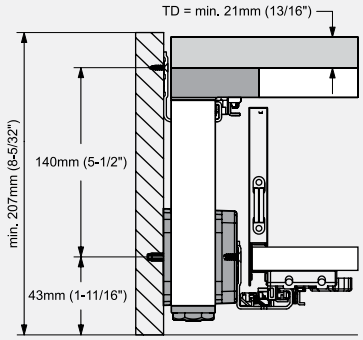
Front panel drilling dimensions for press-in dowels



i The * asterisk number for 19mm runner thickness

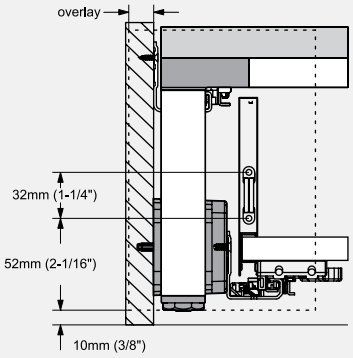
LVL-2 Specifications

Runner and spacer dimensions

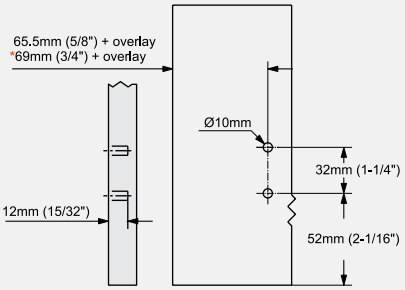


i TD = Step board thickness (including anti-slip material)

Front panel dimensions for screw-on installation



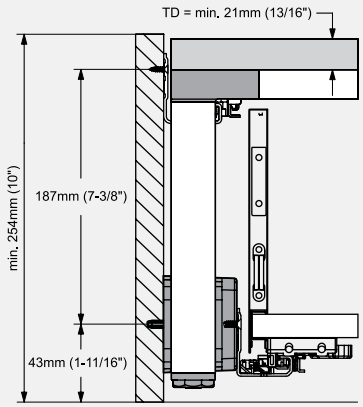
Front panel drilling dimensions for press-in dowels



i The * asterisk number for 19mm runner thickness

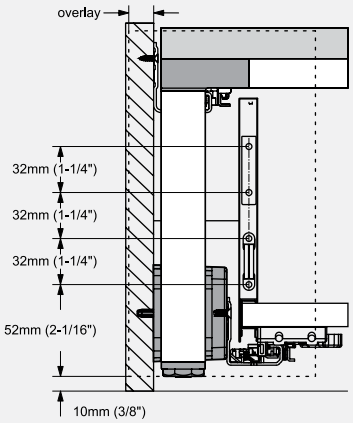
LVL-3 Specifications

Runner and spacer dimensions

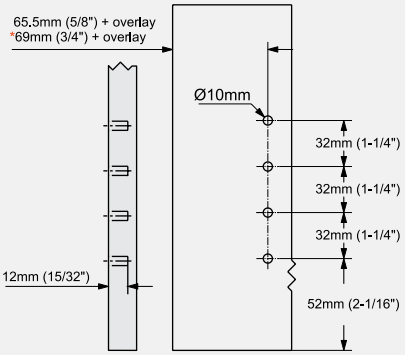


i TD = Step board thickness (including anti-slip material)

Front panel dimensions for screw-on installation



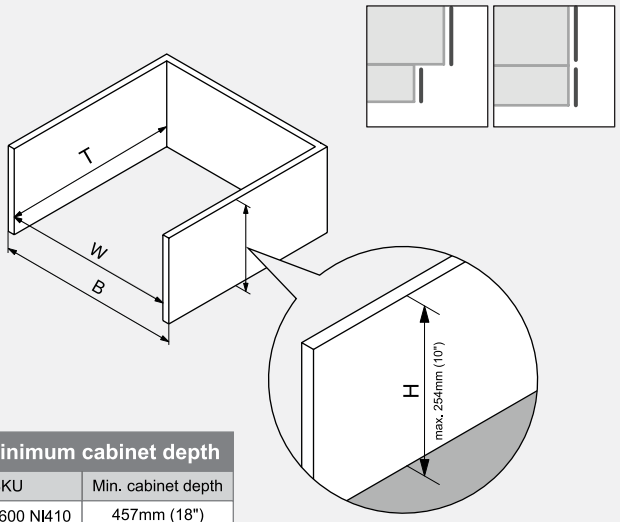
Front panel drilling dimensions for press-in dowels



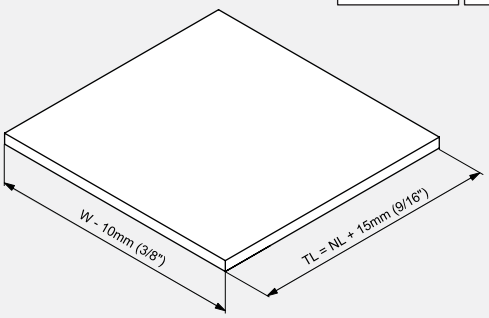
i The * asterisk number for 19mm runner thickness

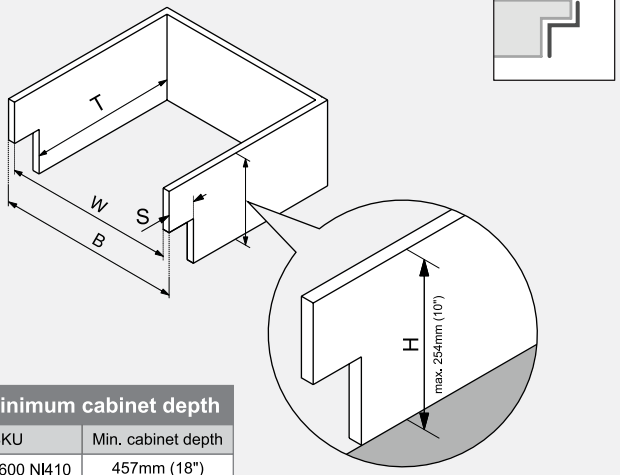
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Kick Step Preparations

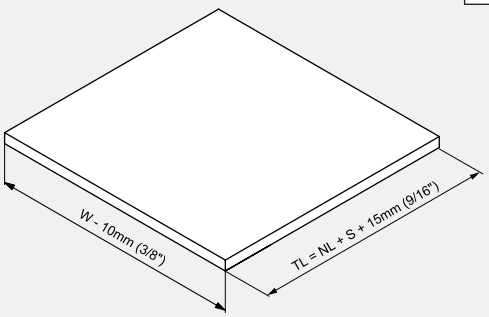


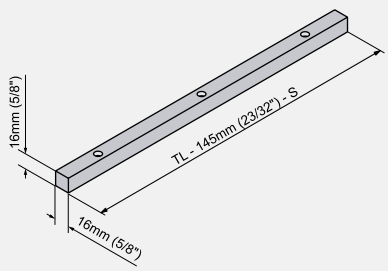
T = Minimum cabinet depth	
SKU	Min. cabinet depth
TCH-23600 NI410	457mm (18")
TCH-23600 NI460	508mm (20")

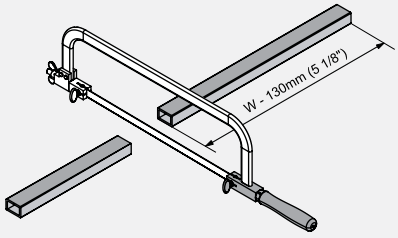


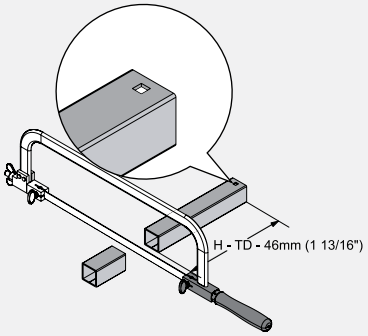


T = Minimum cabinet depth	
SKU	Min. cabinet depth
TCH-23600 NI410	457mm (18")
TCH-23600 NI460	508mm (20")





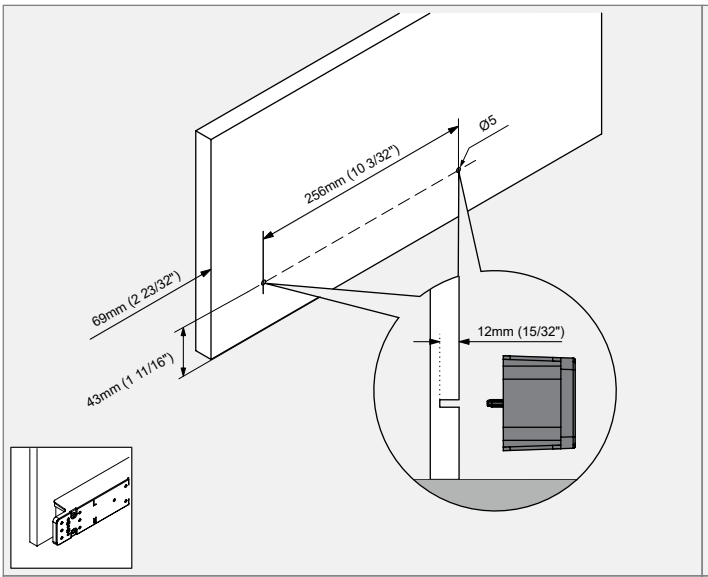




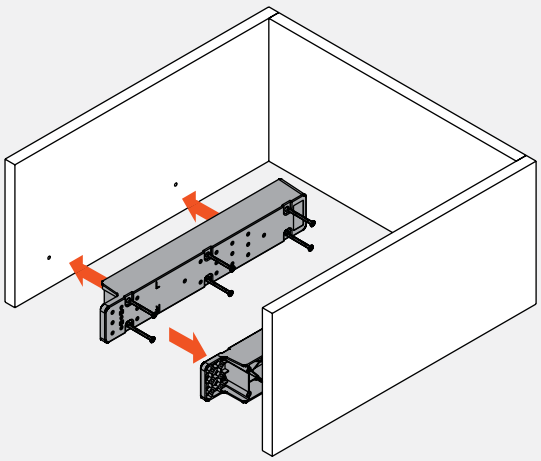
Not included – to be manufactured

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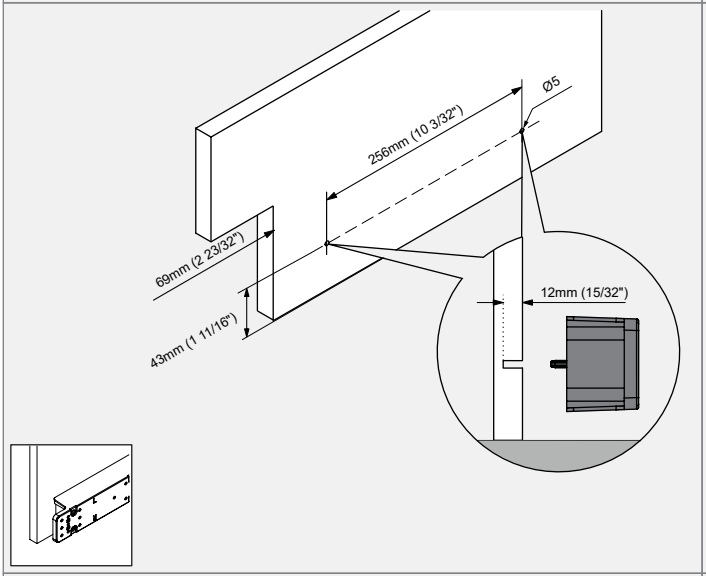
Kick Step Installation instructions



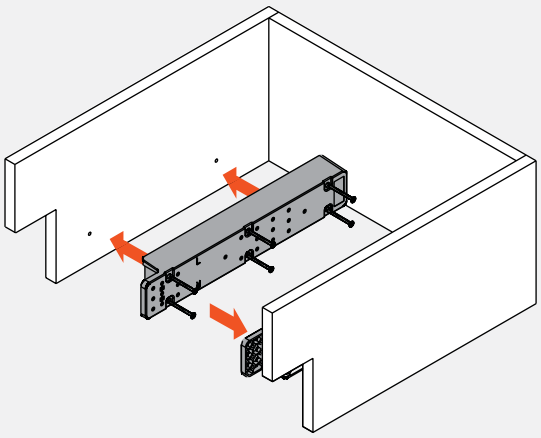
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(4 X 60)

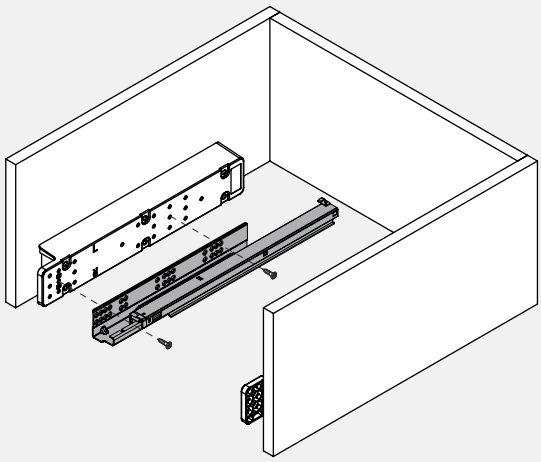


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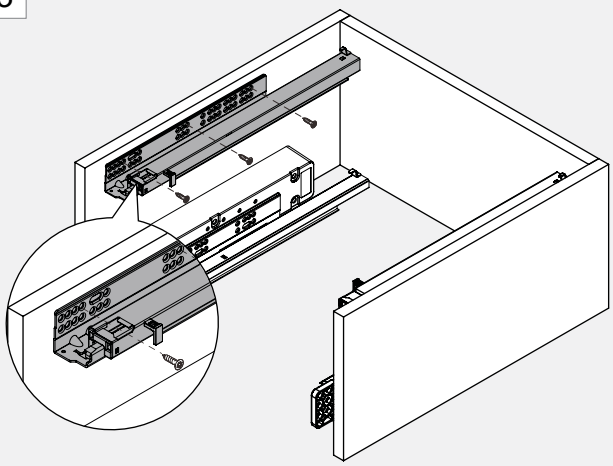
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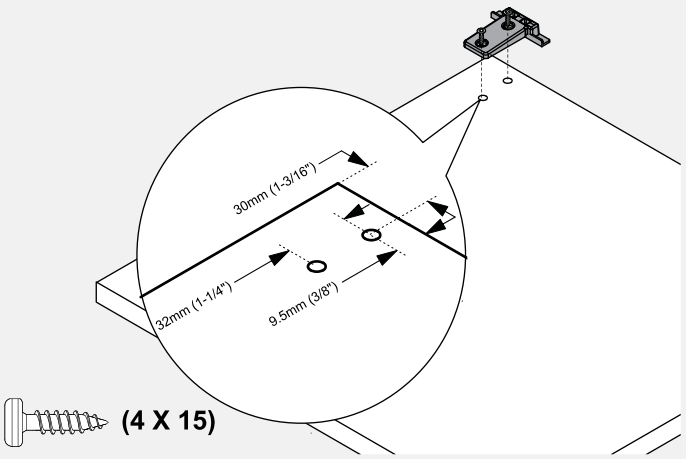


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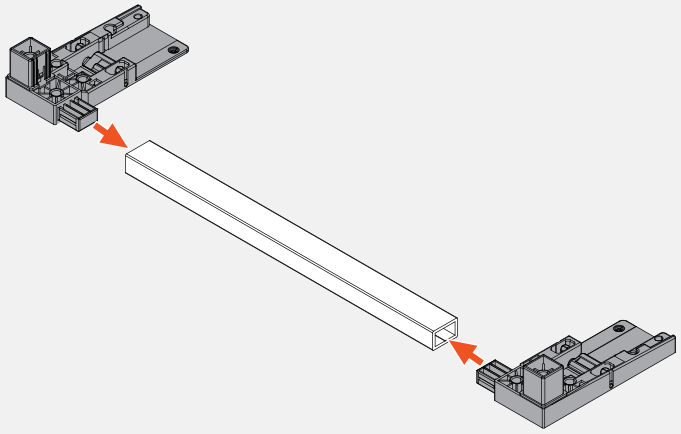
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Kick Step Installation instructions

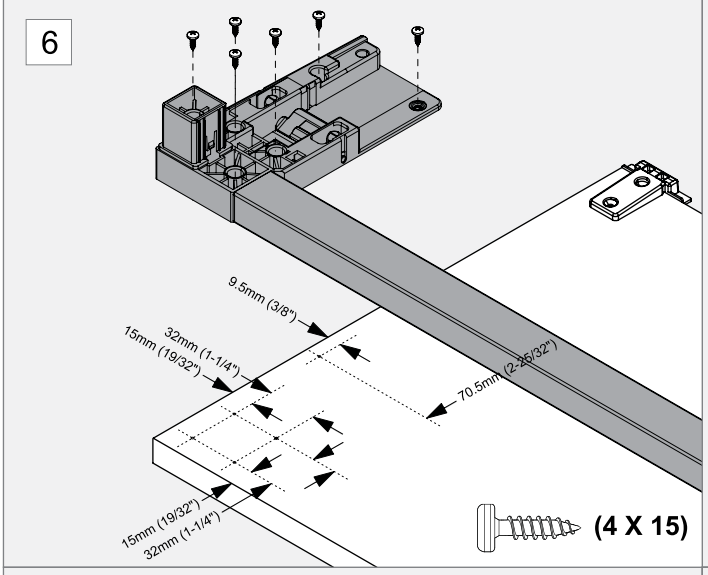
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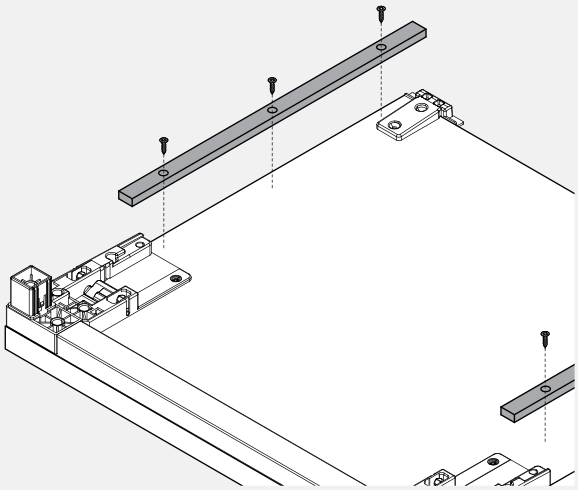
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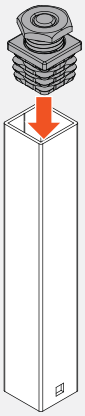
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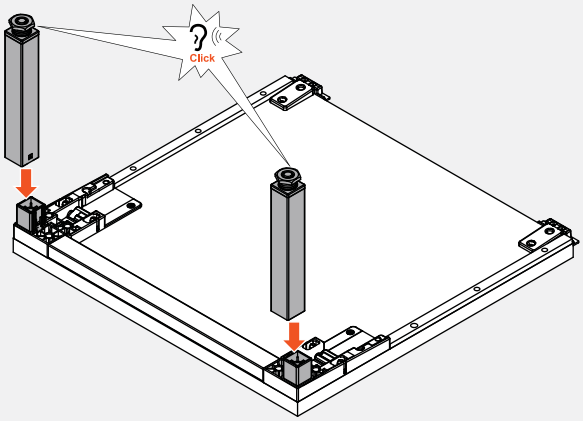
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8



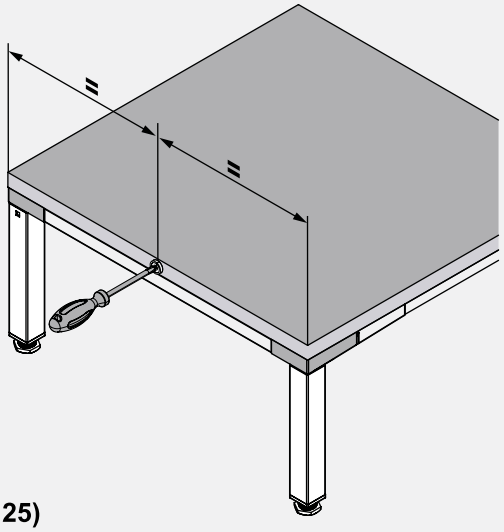
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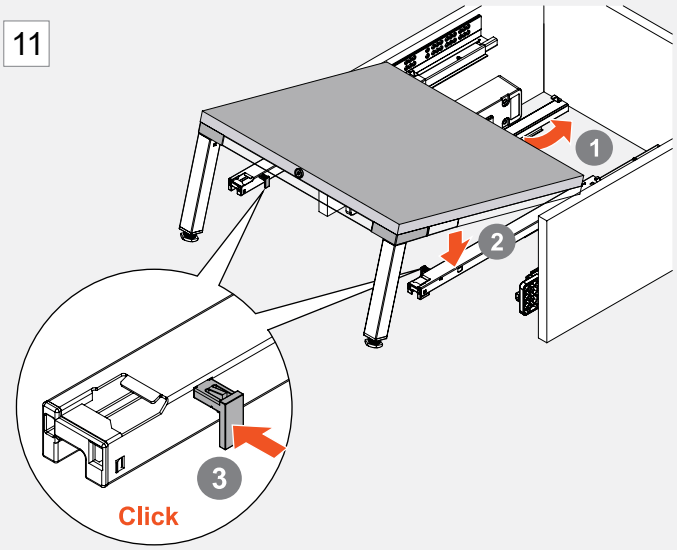
Kick Step Installation instructions

10

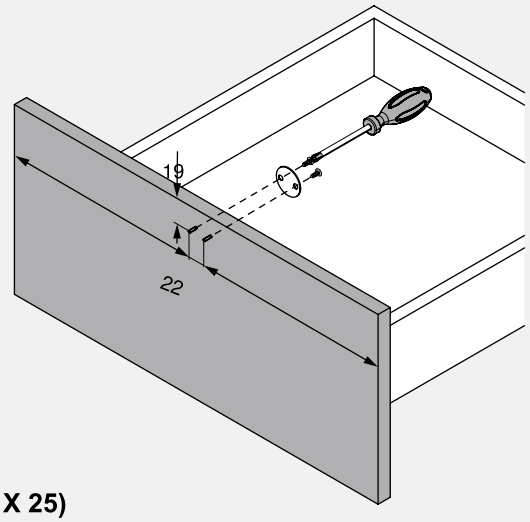


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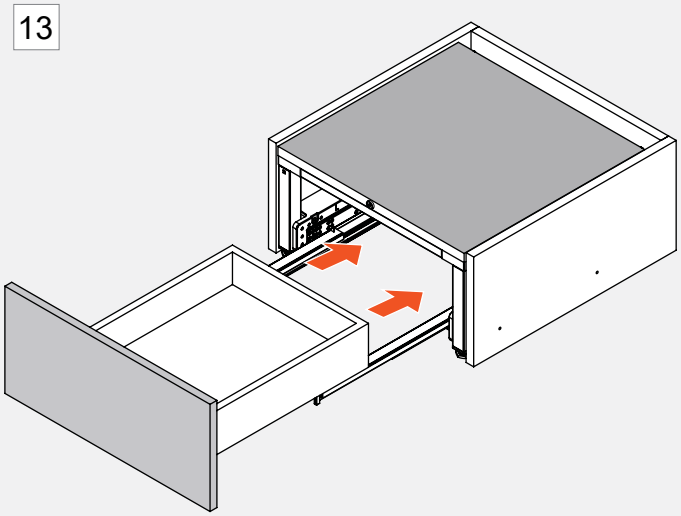


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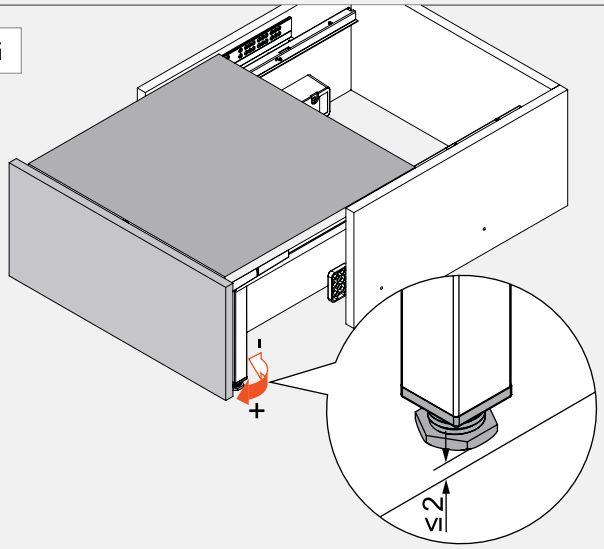


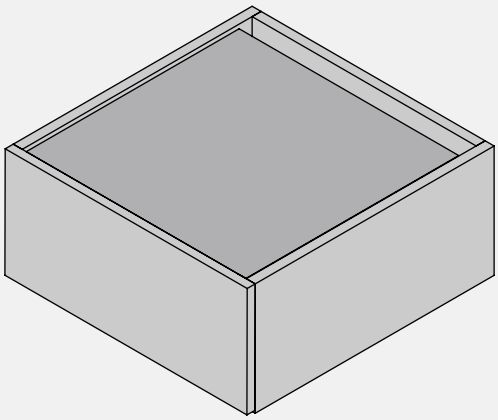
(3.5 X 25)

13



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Notes

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