

Mounting Instructions

Produced in Italy by specifically for Häfele America

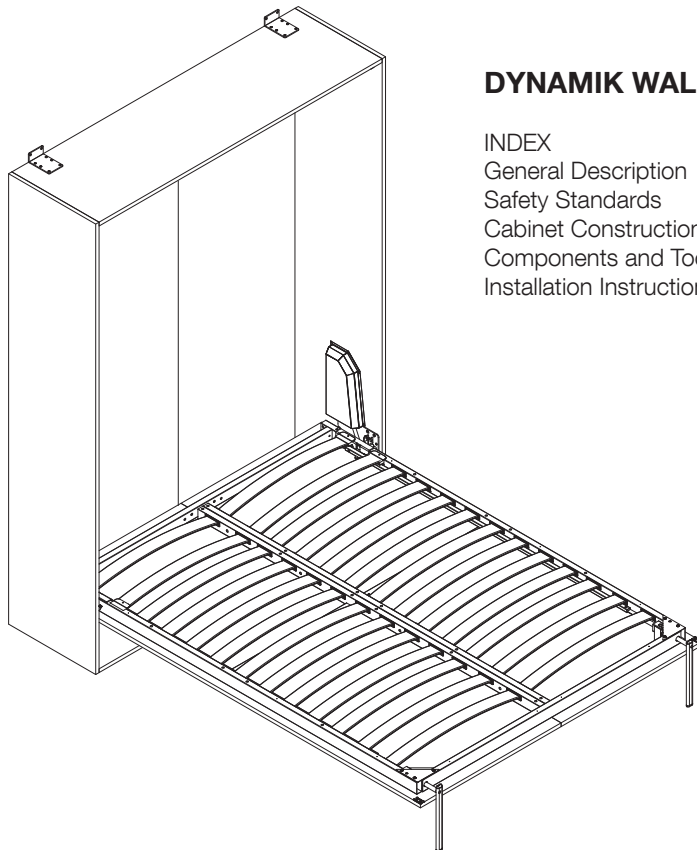
HÄFELE

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Dynamik Wall Bed - For Vertical Folding Beds

Instructions for Mattress Sizes: Twin: 75" Tall x 39" Wide
Full: 75" Tall x 54" Wide
Queen: 80" Tall x 60" Wide

Mattress Weight and Pistons: It's critical that you know the weight of your Mattress before installation.
Pistons are sold separately in pairs depending on the weight of the Mattress.
Häfele offers Piston sets for mattresses with a weight range from 35 lbs. to 85 lbs.
Do Not use Pistons from any other source other than Häfele.



DYNAMIK WALL BED USER GUIDE

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PLEASE READ ALL ASSEMBLY AND OPERATION INSTRUCTIONS CAREFULLY BEFORE USING. FAILURE TO ADHERE TO THESE INSTRUCTIONS CAN CAUSE SERIOUS INJURY AND/OR DEATH.

1.GENERAL LOCATION SUITABILITY AND USE

The manual vertical hideaway bed system allows to bring the bedspring from its vertical position inside the cabinet in a horizontal position, to be used as a bed, in a absolutely quick and easy way, with very low efforts.

Before using the hideaway bed, the user must be sure of its good condition and the good condition of its accessories.

Before using the hideaway bed, the user must make sure that on the sleeping surface there is only the mattress and bed linens.

Assure that the mounting wall is fully supported and secure before mounting this wall bed.

PRODUCT DESCRIPTION

The bed system is composed of the following items:

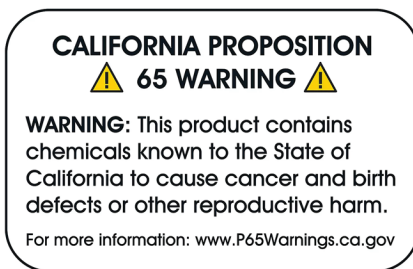
- left and right metal plates with epoxy powder coating
- gas springs for handling
- a slatted bedspring
- hardware fittings

INSTALLATION WARNING HAZARDS

- It is recommended that a professional produce, assemble and install this product for the best results and maximum safe operation
- All casework must be installed perfectly square and plumb for this fitting to operate properly
- Casework (bed mounting cabinetry) must be constructed from high quality material in accordance with these instructions. Use only Plywood, Cellular PVC or Melamine. Do not use Foam board, non-sided MDF or Particle Board.

Minimum technical characteristics of the panels.

-  The cabinet must be safely secured to the wall, the combination screws, dowel, wall must have higher seal strength 200 Newton on single screw; The seal strength of each single fixing point must be higher than 400 Newton. Check with the supplier on what kind of dowels are to be used and install to respect the instructions.
- Minimum material thickness: 3/4" (19 mm), thinner material is not structurally sound enough
- Do not use wall anchors or drywall anchors to secure the cabinet to the wall
- The included hardware is intended for connection to wood studs. Attachment to other materials; masonry, brick, metal studs require proper fasteners for that application.
- It is also highly recommended that additional mounting hardware is used; through the back panel and/or into any adjacent cabinetry to ensure cabinet is firmly mounted
- Failure to use proper hardware could undermine the structural integrity of your cabinet and increase the risk of cabinet failure, separation from the wall and serious personal injury and/or death.
- The installation of the wall bed mechanism and cabinet should be executed with two people. Many steps are not safely executed with only one person.
- The cabinet design consists of two side panels, upper panel, base panel, two front panels and two back panels – these panels are customer supplied
- Do not deviate from the required interior cabinet dimensions listed in this manual. A cabinet that is not properly sized WILL cause the mechanism to fail, which could create serious safety hazards.
- DO NOT modify the design of the cabinet by removing components/ panels. A cabinet/mechanism that is not properly assembled WILL cause the mechanism to fail which could cause injury, death or property damage should the bed detach from the wall.
- There are two construction methods: with or without Toe-Kick panel
- General inside cabinet depths:
10" thick mattress = inside depth: 17 7/8" (454 mm)
12" thick mattress = inside depth: 19 7/8" (505 mm)
- Mattress Weight: Piston sets are sold separately depending on size and weight of your mattress



GUARANTEE

PESSOTTO RETI warrants its products for a period of 2 years from the date of purchase.

This warranty excludes commercial components. These parts are guaranteed by their original manufacturer.

The guarantee is valid only for appliances that have been installed and used correctly by following all the guidelines of this brief and the "Installation instructions". Responsibility for any misuse is disclaimed.

This product's use is very simple: before installing and using it, it's mandatory to carefully read the booklet. Herein you'll find all correct advices for an optimal installation, use and maintenance of the product.

It's important that the booklet is kept together with the product.

This product has been developed for a non-professional use by private persons in households. Its use is not intended to be used by people (children included) who's physical, sensorial or mental capacities are weak, or do not have any experience or knowledge, unless they have been taught by a person that's responsible for their safety.

Children shall be surveyed and are not allowed to play with the device.

The installation and/or adjustments of the product shall be carried out in a workmanlike way only by qualified installers, in accordance with all the installation rules of this brief.

ALL INSTRUCTIONS OF THIS BOOKLET SHALL BE CAREFULLY READ!!!

Remarks: No liability is assumed by PESSOTTO RETI in failure to comply with the given advices.

2. GENERAL SAFETY STANDARDS

Before using this product, the users shall be aware of its functions and technical features by thorough review of the user's guide included in these instructions. To avoid serious risk of injury and ensure proper functioning of the wall bed, the following safety measures must be followed:

- Never operate this product without additional weight of the mattress on the bed spring surface
- Any modification of the product not expressly approved by Häfele may cause personal injury or property damage which is not the responsibility of Häfele.
- Do not remove any safety device or warning/instruction labels on the product.
- Do not allow children to play with or operate the assembled product without adult supervision
- Gas pistons are under pressure – keep hands clear between the moving parts of the mechanism and the cabinet
- DO NOT use foam or very light mattress material. Sufficient weight is needed to counterbalance the effects of the gas pistons and slow movement of the bed frame. Otherwise, serious injury or death can result.
- It's critical that you know the weight of your mattress to properly select the correct piston strength – sold separately.

SAFETY STANDARD

Compliance with the safety standards puts the user in terms of working productively, without danger of harm to himself and to others.



It's forbidden to use the product without any mattress on the bedspring surface.



It's forbidden to use the bed for a different use, than the one described previously in section USE.



Non correct installation or not made by specialized craftsmen, may cause detachments, breaking or dysfonctions with possible damages to persons, things or animals. All given instructions have to be strictly observed.

Before starting to use the product the users shall be aware of its functions and its technical features, learnt through an accurate and complete reading of the present user's guide.

Tampering or replacement of bed parts that are not authorized by Pessotto Reti, are not allowed.

The use of accessories or spare parts other than those recommended by the supplier, present a non proper and hazardous use of the product.

Any modification of the product not expressly approved by the company Pessotto Reti releases the company from any civil or penal liability.



It's strictly forbidden to remove any safety device and protection (labels) on the set; periodically check the incidental position on the mechanism of blankets or else.

Before starting any maintenance, repair work or cleaning the operator must have read and understood all technical information contained in this guide.

Any maintenance and repair shall be performed by qualified personnel only.



WARNING !!!

Never place the product near any heat sources.

Position and lock the bed system to be maintained clear of objects that may hinder its movement.

The instructions and rules contained in this manual must be observed at all times.

RESIDUAL RISK AREAS

In some areas of the product there are some residual risks that couldn't be avoided in designing. Each user has to be aware of the residual risks of this product in order to avoid possible accidents.



Residual risk areas are listed below:

1)HAZARDS OF CRUSHING

While moving the bedspring there are residual risks of crushing hands between the moving parts of the mechanism and the fixed structure of the bed.

2) MAKE SURE that the area of the bedspring or on the bedspring itself there are no people, animals or things that could collide with its movement.

PLACING OF LABELS

 On the product following safety or identification labels could be placed: The labels are to inform the users of possible risks during the mechanism's motion.

 No stickers or plates shall be removed, tampered or destroyed.

POSITION	LABEL	DESCRIPTION
On bedspring during motion.		Caution: Hand crushing

3. USE OF VERTICAL HIDEAWAY BED AND ITS FUNCTION

GENERAL

The vertical manual hideaway bedsystem has been developed by keeping in mind to have an extra bed, according to the needs, in an absolutely quick way, avoiding all unjustified efforts of the user.

MANUAL MECHANISM

The manual hideaway bed's movement happens by means of two gas springs put on the sides of the structure, and recline the bedspring subsequently by effect of gravity descends a profile that supports the bedspring.

FIXING INSTRUCTIONS

Before and after assembly, check that the floor and the wall where the product is installed have proper characteristics and that the fasteners provided and used are able to withstand at generated force.

Bedspring/ mattress size	Bedspring 1020 mm Mattress TWIN	Bedspring 1400 mm Mattress FULL	Bedspring 1555 mm Mattress QUEEN
Bedspring/ weight	40,7 lbs	60,5 lbs	77 lbs
Mattress ave-range weight	37,5 lbs	51lbs	62 lbs
Front panel weight	60 lbs	40+40 lbs	47,5+47,5 lbs

4. MAINTENANCE – CLEANING -LUBRIFICATION – DISPOSAL

MAINTENANCE

Make periodical check of all screwed on parts, including also the steadiness of the wall fixation, by checking that no elements are loose, folded, damaged or missing.

Also check that the elements of the bedspring, the handling mechanism, the gas springs, the attachment to the container and the wall are not loose, bent, damaged, or missing. Maintenance must be performed every 60 opening / closing cycles and / or at least once a year.

THE CLEANING

The cleaning of all metal parts shall be made with a humid sponge or cloth.

Don't use any solvents or abrasive materials.

Don't use any lubricants on the gas pistons.

Lubrication of mobile elements as rotation pivots and door hinges, shall be made every 60 cycles with a lubricant.

DISPOSAL

The different parts shall be disposed in special containers in accordance with the ruling standards.

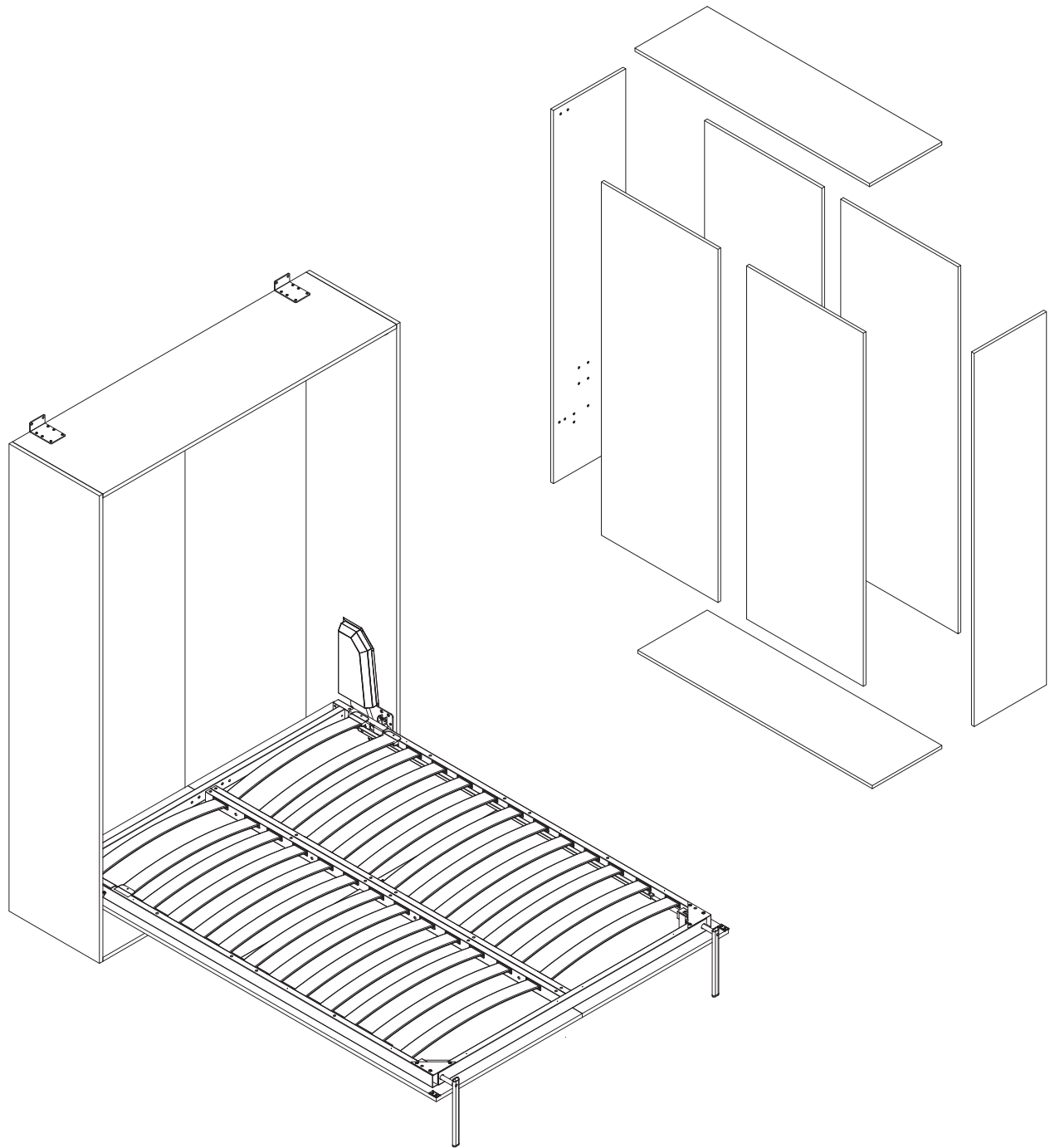
DO NOT DUMP.

TECHNICAL FEATURE OF THE PANELS

Specification	Thickness 19 mm	Unit	Test standard
Nominal thickness	19 mm	mm	EN 14323
Tolerance on thickness	±0.3 for class 1, 2 / +0.5/-0.3 for class 3A, 3B, 4 and gloss surfaces	mm	EN 14323
Length and width tolerance	±5	mm	EN 14323
Length and width tolerance (precut panels)	±2.5	mm	EN 14323
Flatness	-	-	EN 14323
Edge damage	≤2	mm	EN 14323
Edge damage (precut panels)	≤10	mm	EN 14323
Surface defects (Points)	≤3	mm ² /m ²	EN 14323
Surface defects (Defect in the length)	≤2	mm ² /m ²	EN 14323
Resistance to scratching	≥1.5	N	EN 14323
Resistance to staining	≥3	Rating	EN 14323
Resistance to cracking	≥3	Rating	EN 14323
Resistance to abrasion (plain colours)	3A	Class	EN 14323
Resistance to abrasion (printed designs)	1	Class	EN 14323
Resistance to colour change in xenon arc light	min. 4 Grey Scale Grade	Class	EN 14323
Mean density	640 - 620	kg/m ³	EN 323
Bending strength	11	N/mm ²	EN 310
Bending modulus of elasticity	1,600	N/mm ²	EN 310
Nominal thickness	-	mm	EN 14323
Internal bond	0.35	N/mm ²	EN 319
Surface soundness	0.8	N/mm ²	EN 311
Formaldehyde release	E1 E05	-	-
Reaction to fire (Euroclass)	D-s2,d0	-	EN 13986

DYNAMIK WALL BED - CASEWORK

- The cabinet design provides for 2 Side panels, 2 Horizontal panels, 2 Back panels, and 2 Front panels
- There are 2 construction methods, with or without Toe-Kick panel, see pages 12-18
- DO NOT CHANGE OR ALTER the dimensions of any panel, except as specified in these instructions



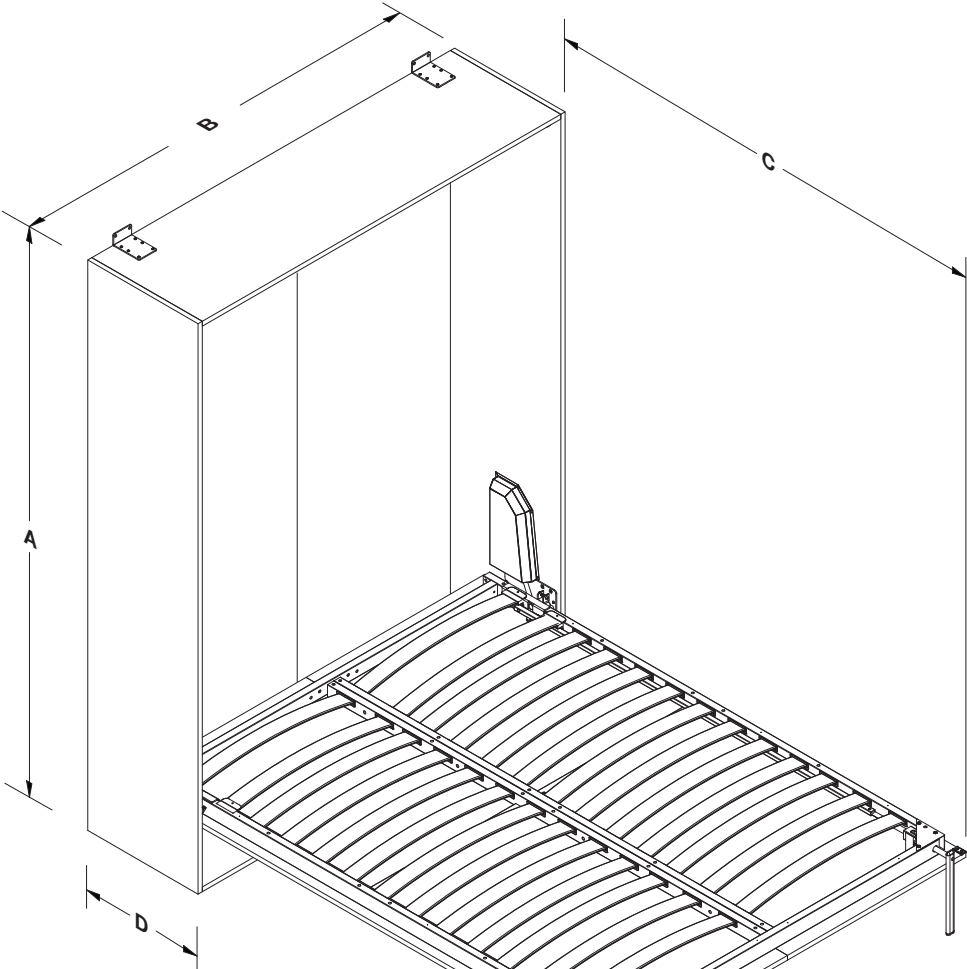
DYNAMIK WALL BED - CASEWORK

Cabinet Construction Outside Dimensions*

		A	B	C
Mattress Sizes		Outside Height	Outside Width	Protrusion
Twin	75" x 39"	2129 mm (88 3/4")	1143 mm (45")	1727 mm (68")
Full	75" x 54"		1523 mm (60")	1727 mm (68")
Queen	80" x 60"	2259 mm (89")	1678 mm (66")	1856 mm (73")

Note

*Outside Dimensions based on 19 mm (3/4") material.



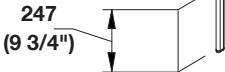
Mattress thickness & Cabinet depth calculator

Mattress thickness	D Inside cabinet depth
254 mm (10")	454 mm (17 7/8")
305 mm (12")	505 mm (19 7/8")

For other mattress thicknesses: **D**= Mattress thickness + 200 mm (7 7/8")
 Minimum cabinet depth: 400 mm (15 3/4")

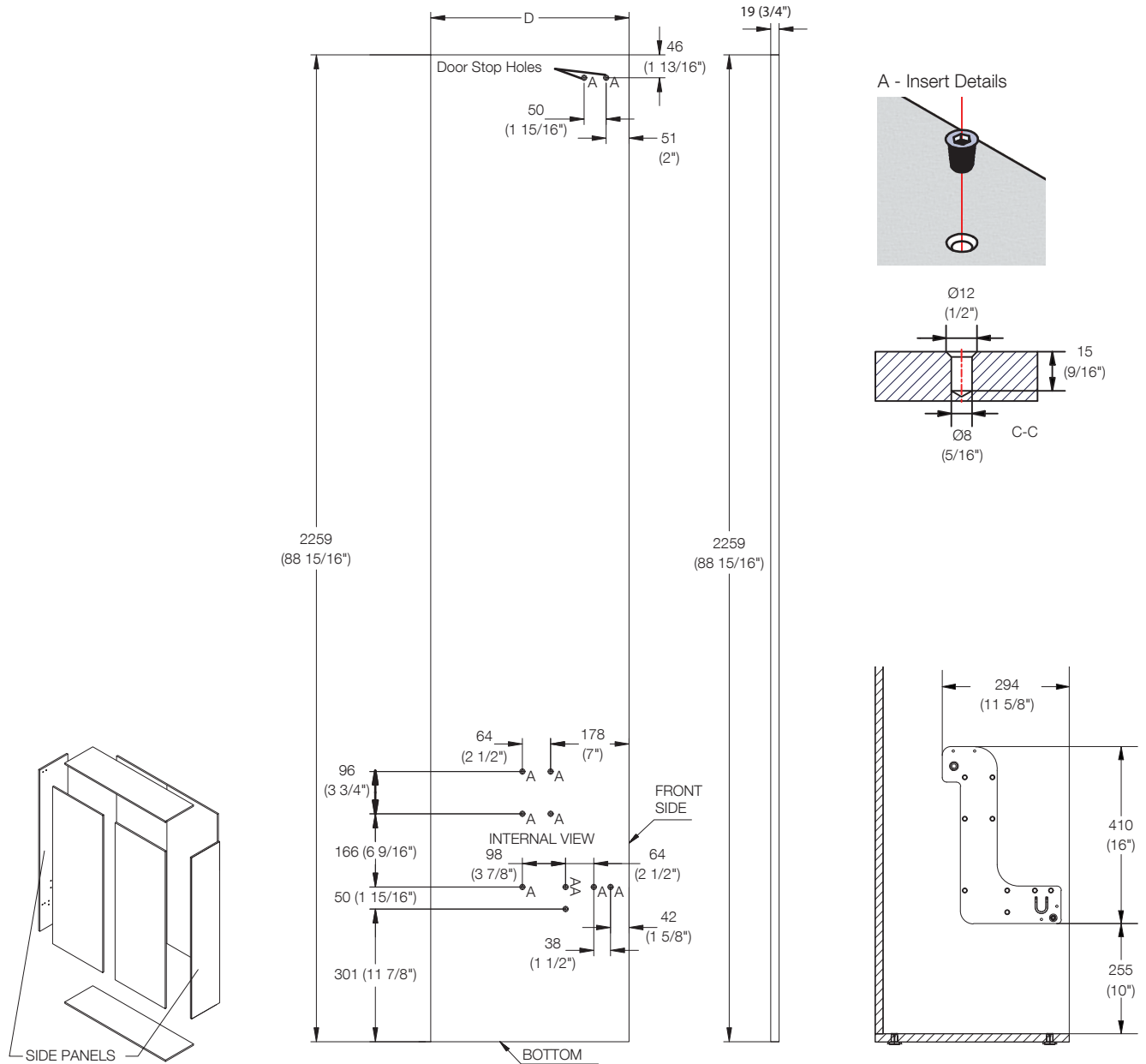
Note

Please consider thickness of sheets/bedding.
 When incorporating a Toe-Kick, see pages 16-18 to calculate the depth of bottom panel.



DYNAMIK WALL BED - QUEEN SIDE PANEL PROCESSING

- Depth of Side Panels **D** depends on Mattress Thickness – See chart below
- Be sure to consider both the thickness of the mattress and bedding to be used



RIGHT PANEL DETAILS - LEFT IS MIRRORED

Mattress thickness & Cabinet depth calculator

Mattress thickness	D Inside cabinet depth
254 mm (10")	454 mm (17 7/8")
305 mm (12")	505 mm (19 7/8")

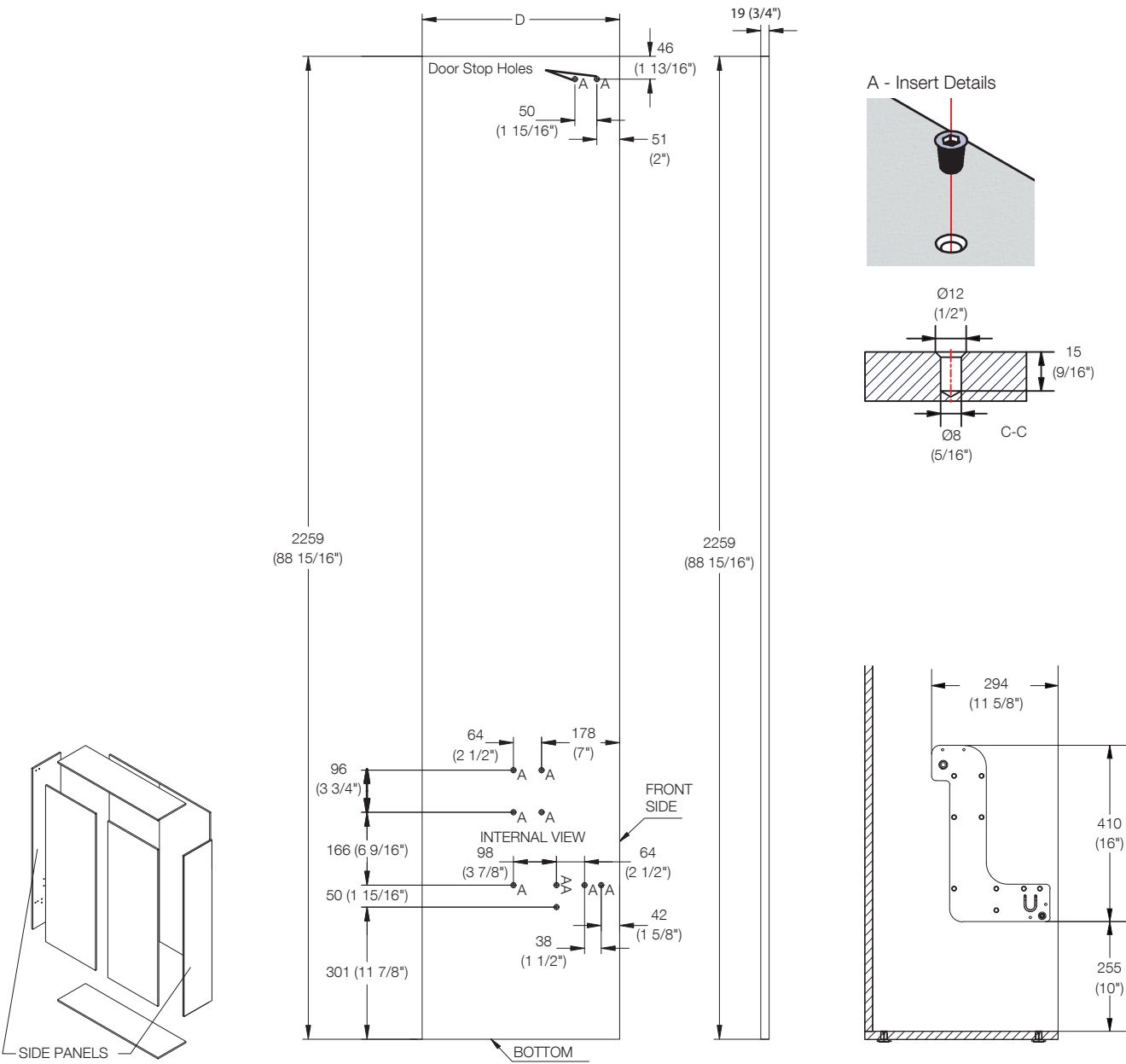
For other mattress thicknesses: **D** = Mattress thickness + 200 mm (7 7/8")
Minimum cabinet depth: 400 mm (15 3/4")

Mattress Weight:

Piston sets are sold separately depending on size and weight of your mattress

DYNAMIK WALL BED - TWIN AND FULL SIDE PANEL PROCESSING

- Depth of Side Panels **D** depends on Mattress Thickness – See chart below
- Be sure to consider both the thickness of the mattress and bedding to be used



RIGHT PANEL DETAILS - LEFT IS MIRRORED

Mattress thickness & Cabinet depth calculator

Mattress thickness	D Inside cabinet depth
254 mm (10")	454 mm (17 7/8")
305 mm (12")	505 mm (19 7/8")

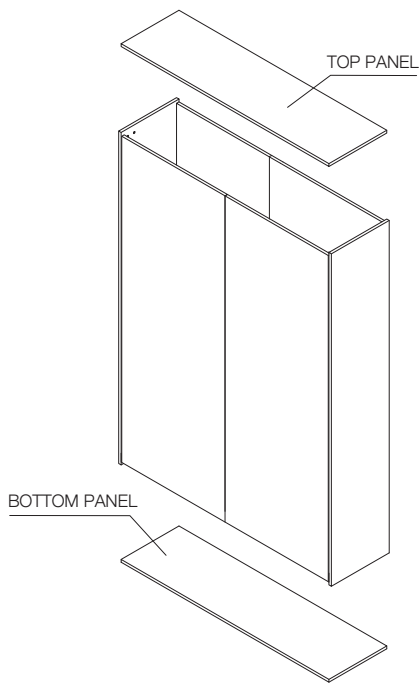
For other mattress thicknesses: **D** = Mattress thickness + 200 mm (7 7/8")
Minimum cabinet depth: 400 mm (15 3/4")

Mattress Weight:

Piston sets are sold separately depending on size and weight of your mattress

DYNAMIK WALL BED - TOP AND BOTTOM PANELS

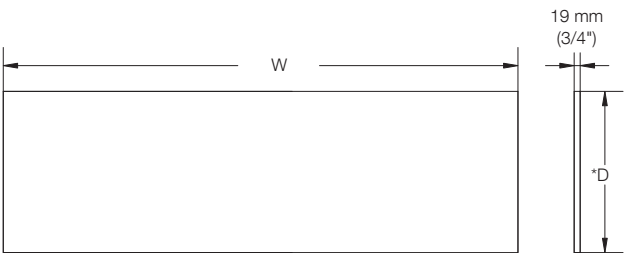
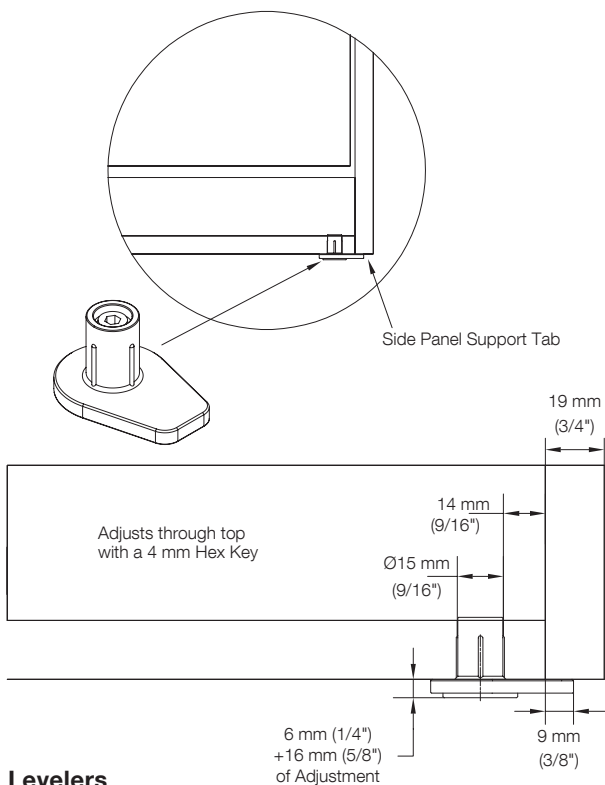
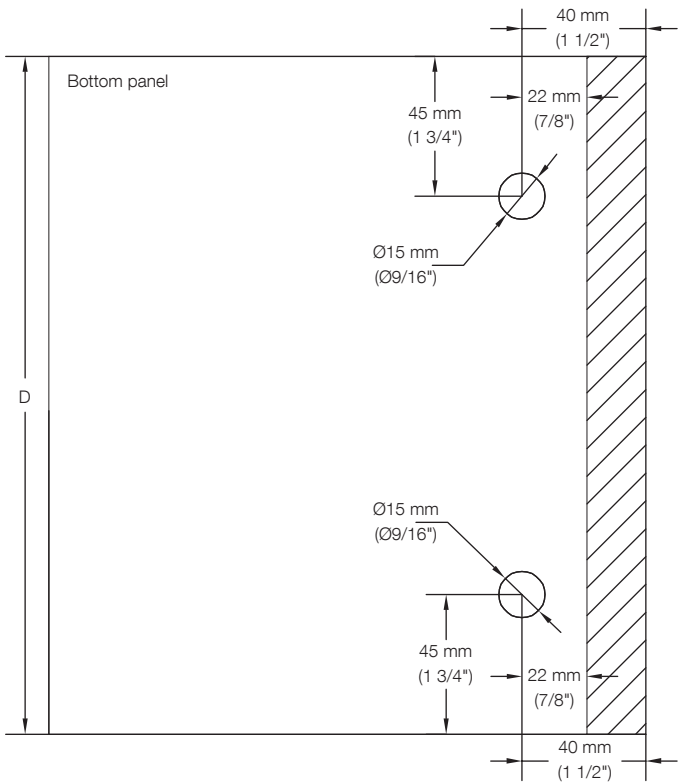
- Depth of Side Panels D depends on Mattress Thickness – See chart below
- Be sure to consider both the thickness of the mattress and bedding to be used



Top and Bottom Panels

Twin	W = 1105 mm (43 1/2")
Full	W = 1485 mm (58 7/16")
Queen	W = 1640 mm (64 9/16")

Note
For cabinets with a Toe-Kick, see pages 16-18
for bottom panel dimension D



Levelers

To assist with leveling the cabinet use the included levelers.

Note

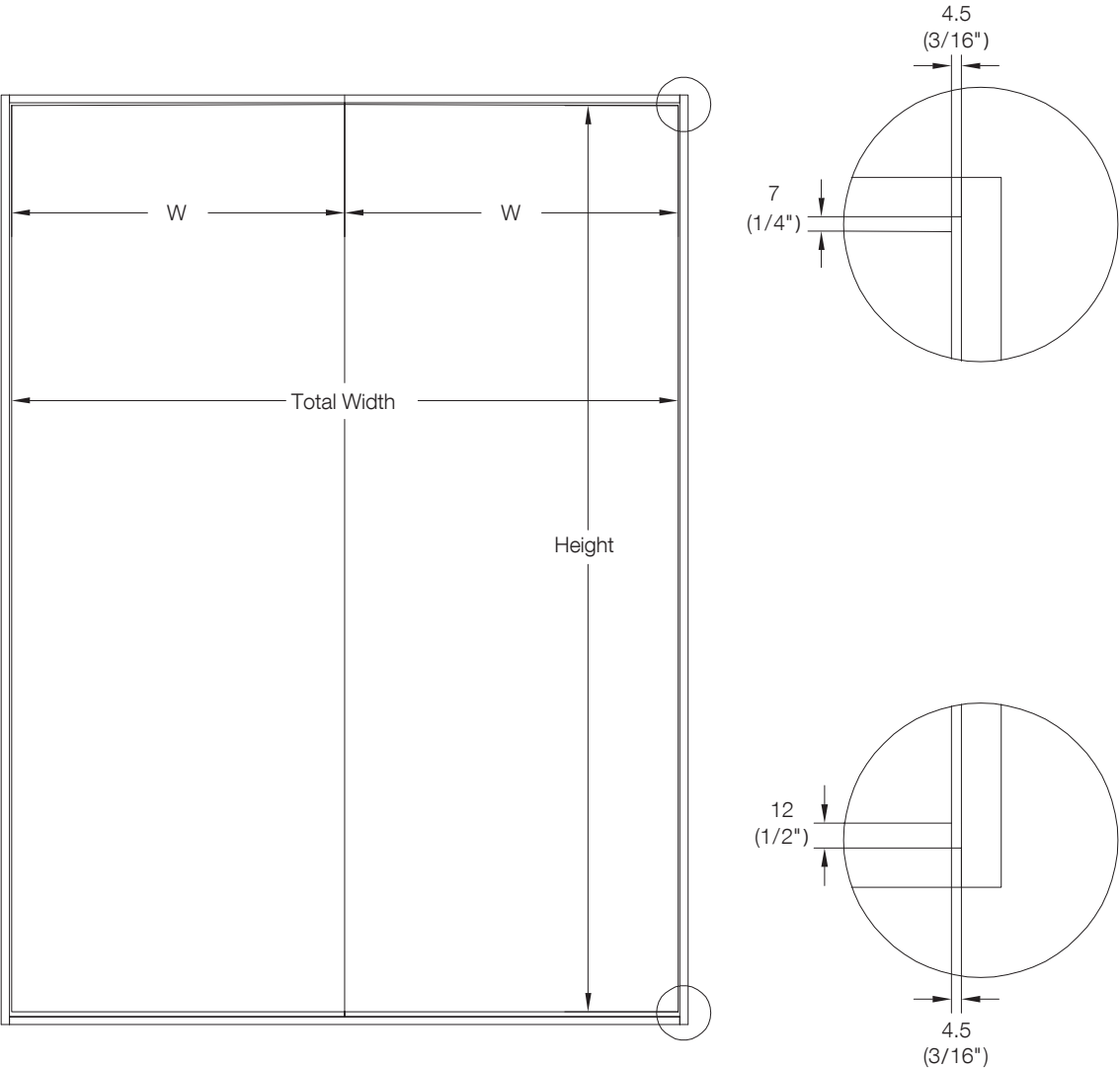
6 Levelers are included, 4 for the corners.
2 additional can be added to help support the middle of the bottom panel

DYNAMIK WALL BED - FRONT PANELS WITHOUT A TOE-KICK

- Two panel are generally recommended for Full and Queen sizes
- Choose constructions method with or without Toe-Kick, see below chart

Front Panel Dimensions

Mattress	Height Without a Toe-Kick	Height With a Toe-Kick	Each Panel Width	Total Width
Twin	2072 mm (81 9/16")	2008 mm (79 1/16")	N/A	1096 mm (43 1/8")
Full			738 mm (29 1/16")	1476 mm (58 1/8")
Queen	2202 mm (86 11/16")	2138 mm (84 3/16")	815.5 mm (32 1/8")	1631 mm (64 3/16")



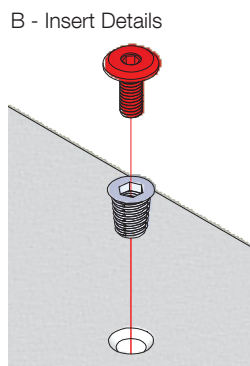
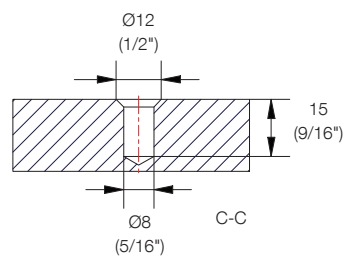
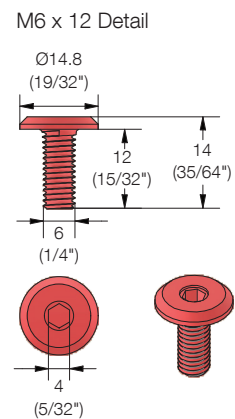
Technical drawing showing the right panel details, including front panels, internal view, and bottom view.

FRONT PANELS: Shows two panels with dimensions 10 (3/8") and 20 (1 3/16").

INTERNAL VIEW: Shows the internal structure with dimensions 10 (3/8"), 132 (5 3/16"), 489 (19 1/4"), 435 (17 1/8"), 140 (5 1/2"), 415 (16 5/16"), 450 (17 11/16"), 141 (5 9/16"), and 53 (2 1/16").

BOTTOM VIEW: Shows the bottom of the panel with dimensions 815.5 (32 1/8"), 19 (3/4"), 15 (9/16"), 735 (28 15/16"), and 2202 (7'2 11/16").

RIGHT PANEL DETAILS - LEFT IS MIRRORED



Technical drawing of a cabinet showing front, internal, and bottom views with dimensions in inches and fractions.

FRONT PANELS: Shows the front panels of the cabinet. Dimensions include a width of 10 (3/8") and a height of 20 (1 3/16").

INTERNAL VIEW: Shows the internal structure of the cabinet. Dimensions include a width of 10 (3/8") and a height of 20 (1 3/16").

BOTTOM: Shows the bottom of the cabinet. Dimensions include a width of 10 (3/8") and a height of 20 (1 3/16").

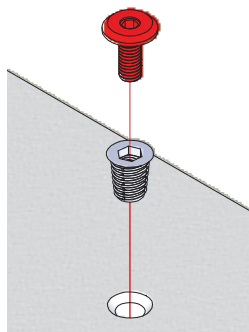
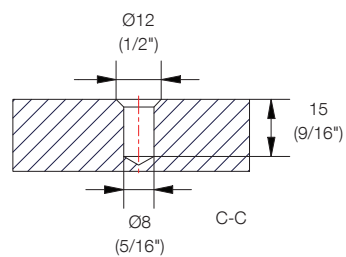
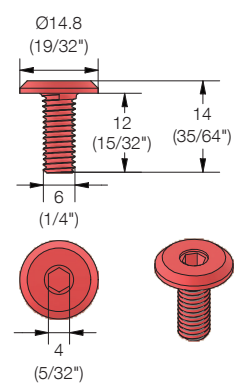
Dimensions:

- Overall width: 738 (29 1/16")
- Overall height: 2072 (81 9/16")
- Internal width: 735 (28 15/16")
- Internal height: 19 (3/4")
- Bottom width: 53 (2 1/16")
- Bottom height: 15 (9/16")
- Internal height segments: 132 (5 3/16"), 424 (16 11/16"), 435 (17 1/8"), 140 (5 1/2"), 415 (16 5/16"), 385 (15 3/16"), 141 (5 9/16")

Labels:

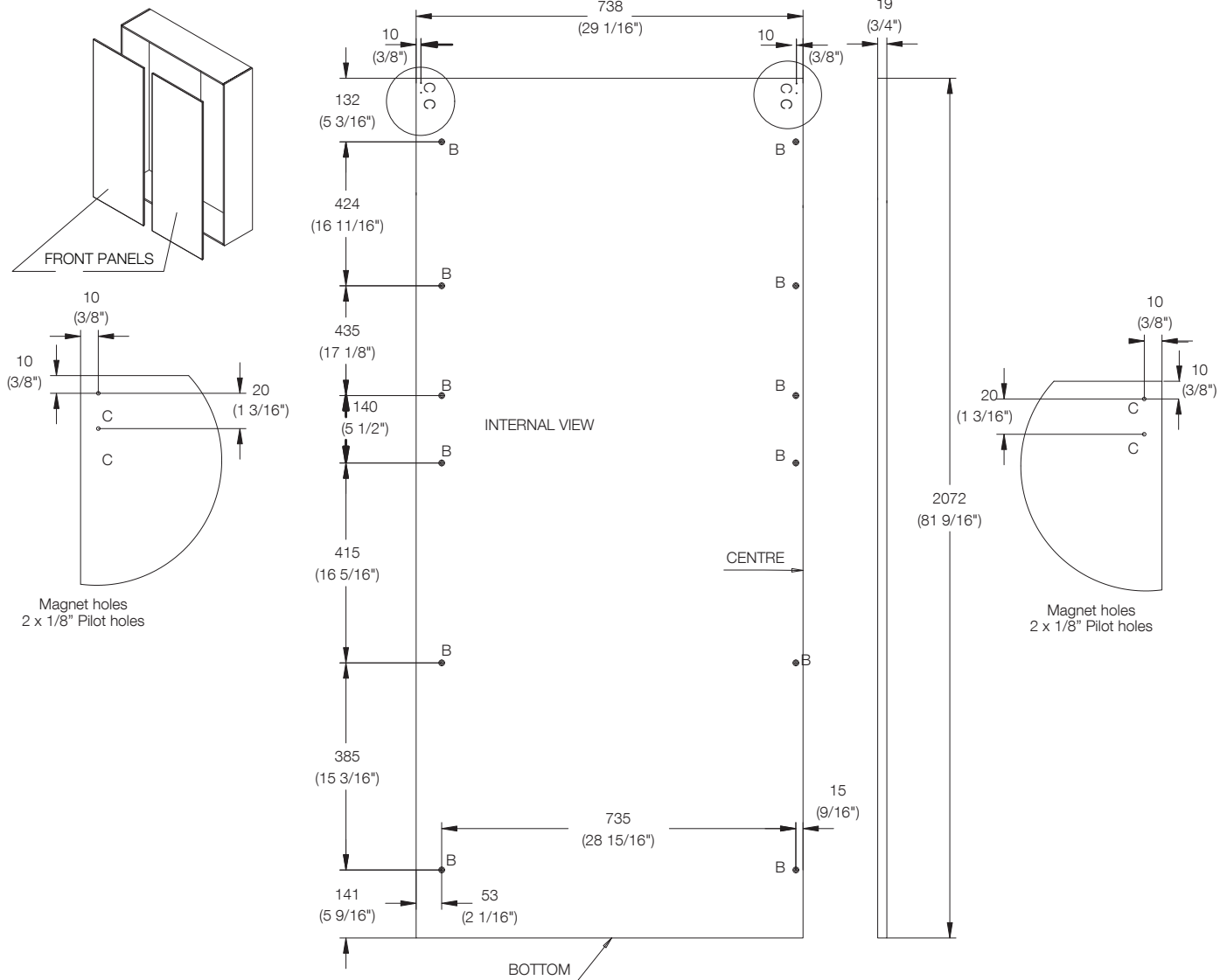
- FRONT PANELS
- INTERNAL VIEW
- BOTTOM
- CENTRE
- B
- C

B - Insert Details

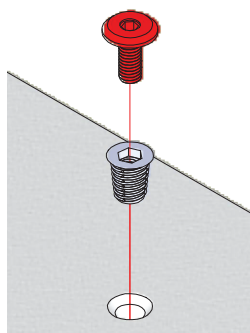
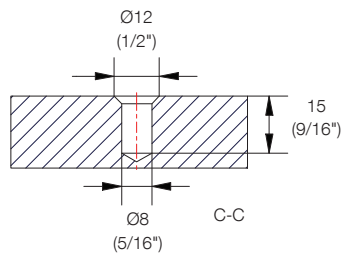


DYNAMIK WALL BED - FRONT PANEL PROCESSING FOR TWIN - WITHOUT A TOE-KICK

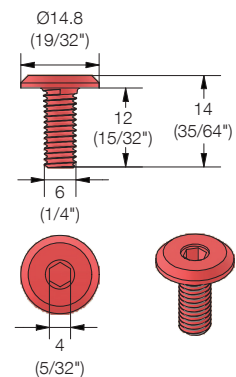
Note: Twin only requires a single front panel



B - Insert Details

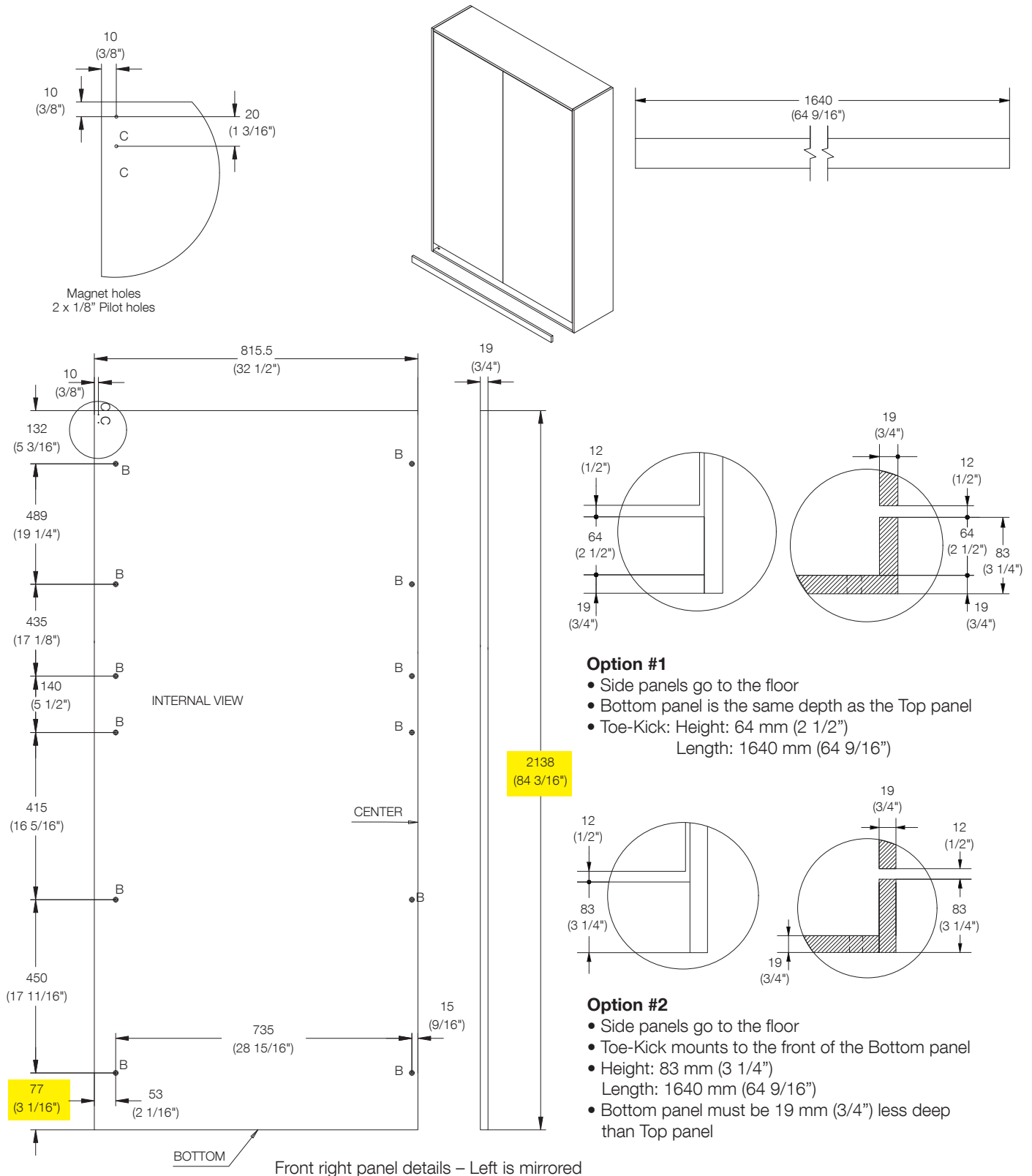


M6 x 12 Detail



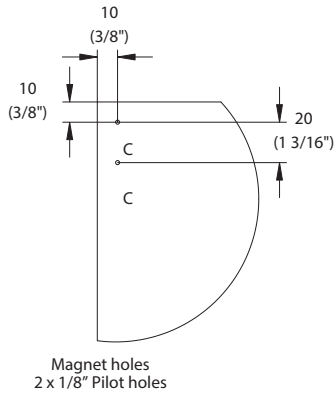
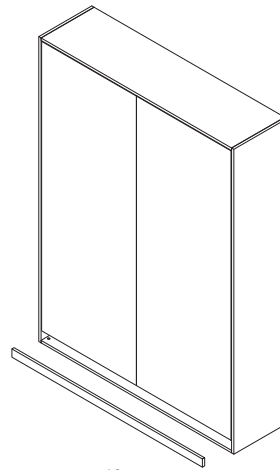
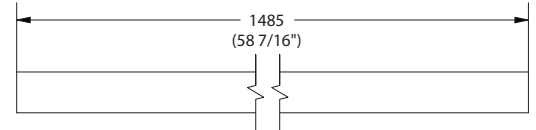
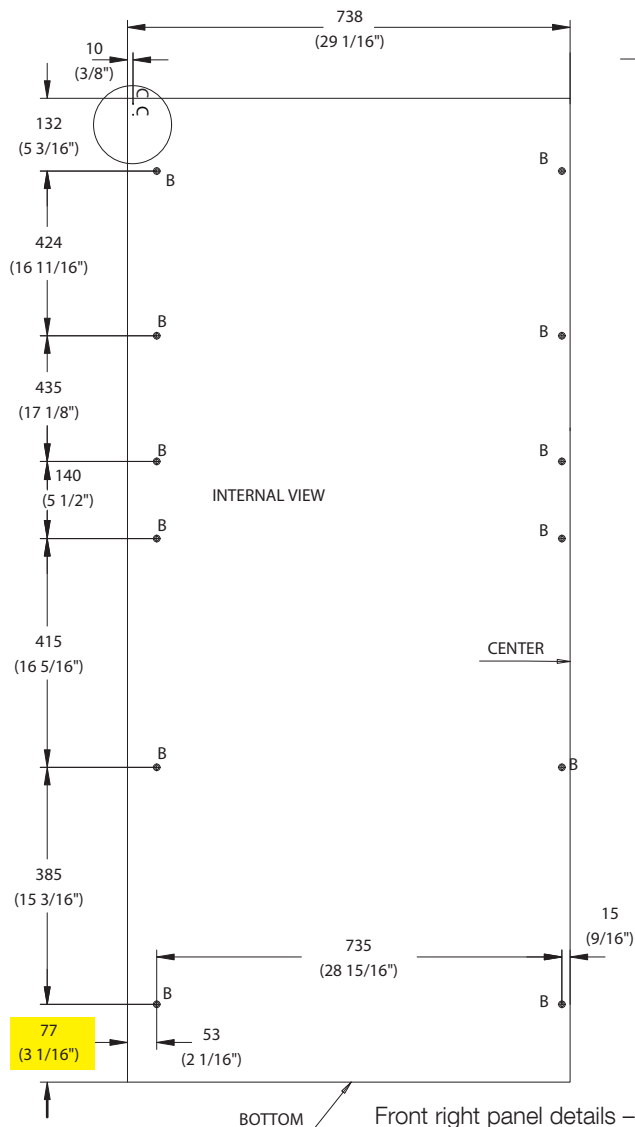
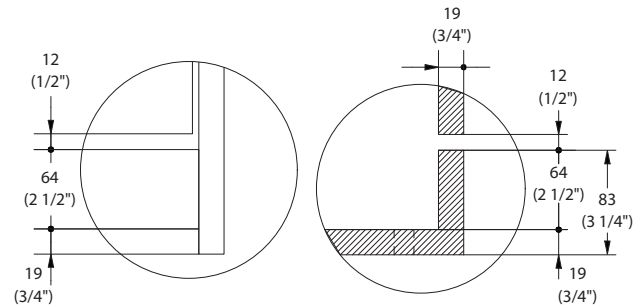
DYNAMIK WALL BED - FRONT PANEL PROCESSING FOR QUEEN - WITH A TOE-KICK

If the design calls for a Toe-Kick, then only the highlighted dimensions below change.



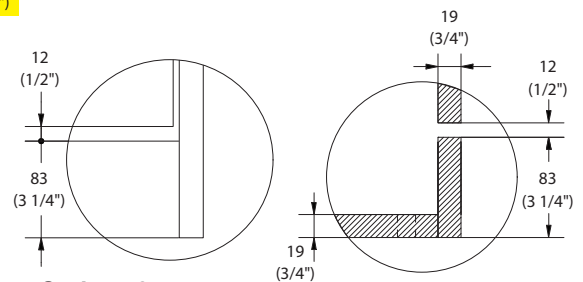
DYNAMIK WALL BED - FRONT PANEL PROCESSING FOR FULL - WITH A TOE-KICK

If the design calls for a Toe-Kick, then only the highlighted dimensions below change.



Option #1

- Side panels go to the floor
- Bottom panel is the same depth as the Top panel
- Toe-Kick: Height: 64 mm (2 1/2")
Length: 1485 mm (58 7/16")



Option #2

- Side panels go to the floor
- Toe-Kick mounts to the front of the Bottom panel
- Height: 83 mm (3 1/4")
Length: 1485 mm (58 7/16")
- Bottom panel must be 19 mm (3/4") less deep than Top panel

Front right panel details – Left is mirrored

If the design calls for a Toe-Kick, then only the highlighted dimensions below change.

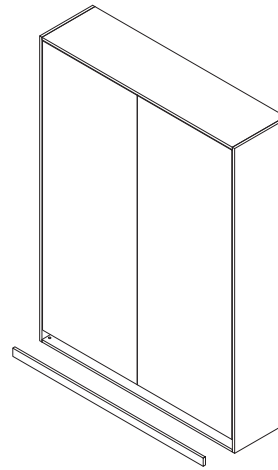
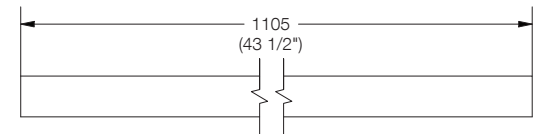
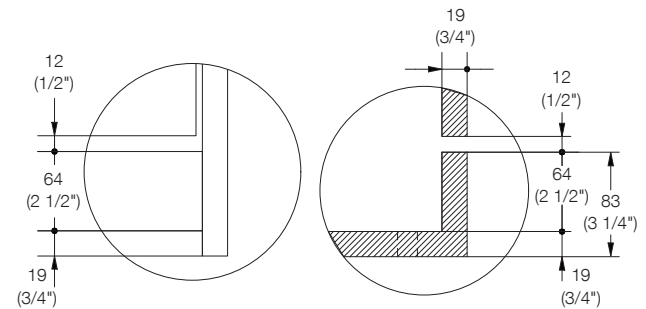
Technical drawings of a 10 x 20 inch plate with magnet holes. The left drawing shows a plate with a semi-circular cutout on the right side. The right drawing shows a plate with a semi-circular cutout on the left side. Both drawings include dimensions for the plate size, hole locations, and cutout radius.

Left Drawing Dimensions:

- Plate size: 10 (3/8") x 20 (1 3/16")
- Magnet holes: 2 x 1/8" Pilot holes
- Distance from top edge to hole center: 10 (3/8")
- Distance from left edge to hole center: 10 (3/8")
- Distance from hole center to cutout edge: 10 (3/8")
- Distance from cutout edge to right edge: 10 (3/8")

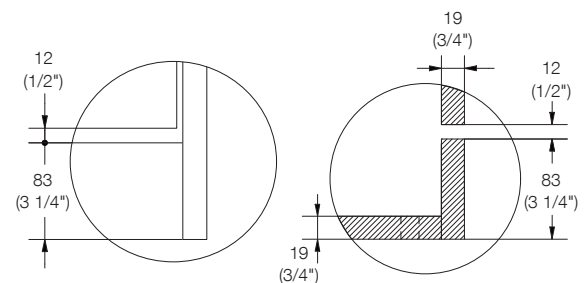
Right Drawing Dimensions:

- Plate size: 10 (3/8") x 20 (1 3/16")
- Magnet holes: 2 x 1/8" Pilot holes
- Distance from top edge to hole center: 10 (3/8")
- Distance from right edge to hole center: 10 (3/8")
- Distance from hole center to cutout edge: 10 (3/8")
- Distance from cutout edge to left edge: 10 (3/8")



2008
79 1/16")

- Side panels go to the floor
- Bottom panel is the same depth as the Top panel
- Toe-Kick: Height: 64 mm (2 1/2")
Length: 1105 mm (43 1/2")



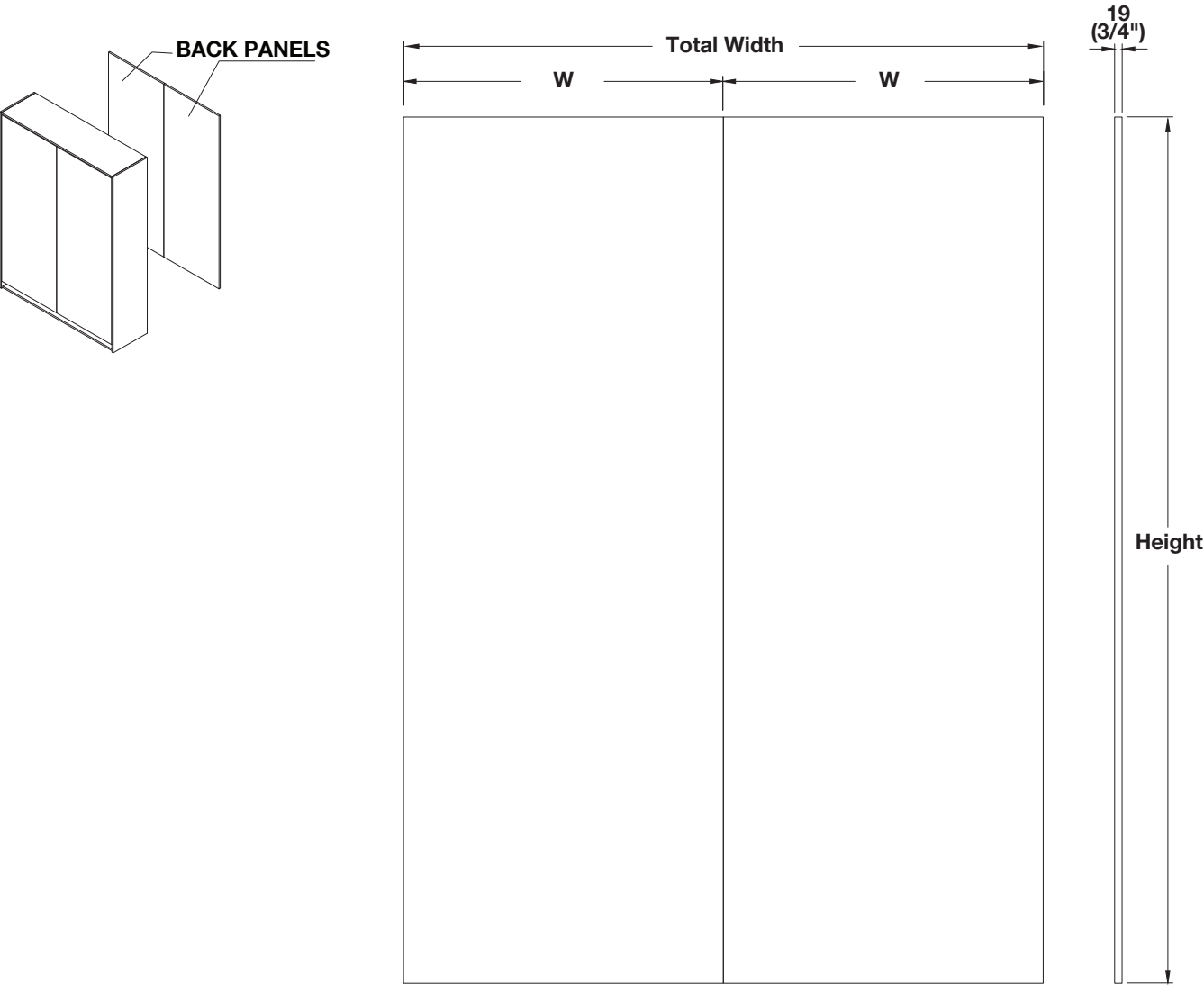
- Side panels go to the floor
- Toe-Kick mounts to the front of the Bottom panel
- Height: 83 mm (3 1/4")
Length: 1105 mm (43 1/2")
- Bottom panel must be 19 mm (3/4") less deep than Top panel

DYNAMIK WALL BED - BACK PANEL DIMENSIONS

Note: Twin only requires a single panel.

Back Panel Dimensions

Mattress	Height Without a Toe-Kick	Each Panel Width	Total Width
Twin	2091 mm (82 15/16")	N/A	1105 mm (43 1/2")
Full		742.5 mm (29 1/4")	1485 mm (58 7/16")
Queen	2221 mm (87 7/16")	820 mm (32 5/16")	1640 mm (64 9/16")



DYNAMIK WALL BED

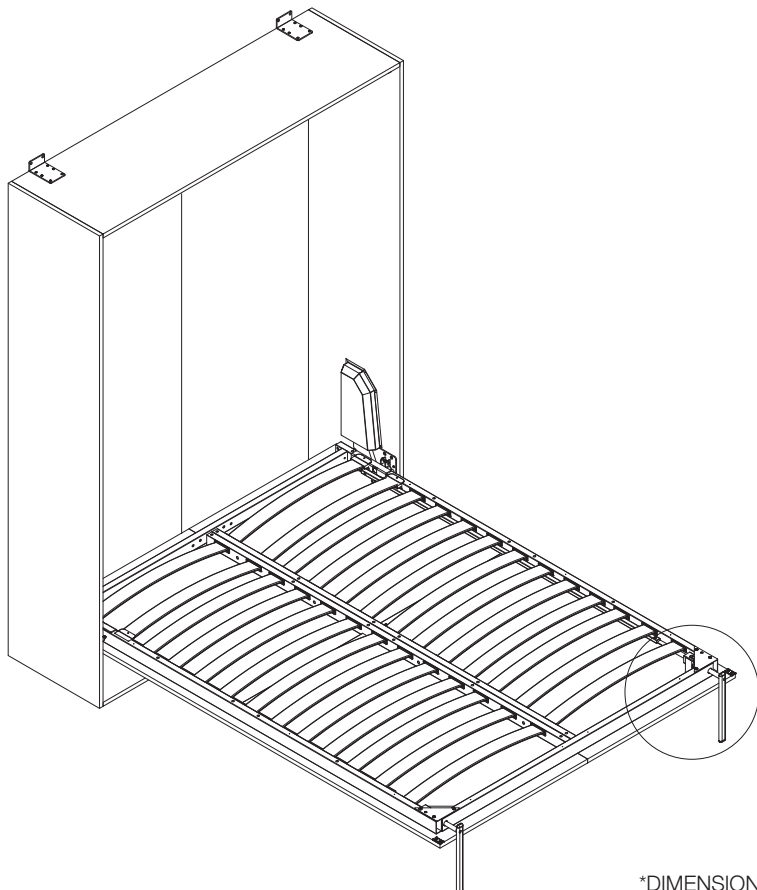
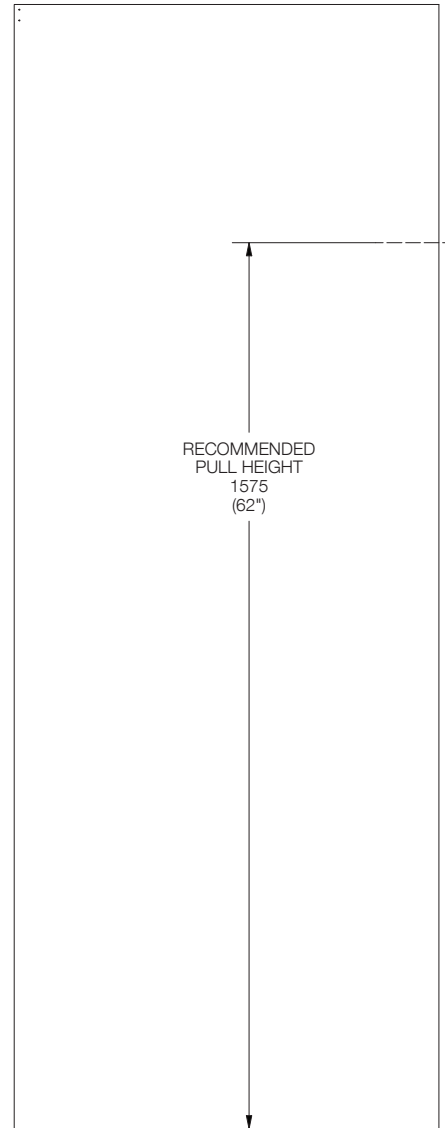
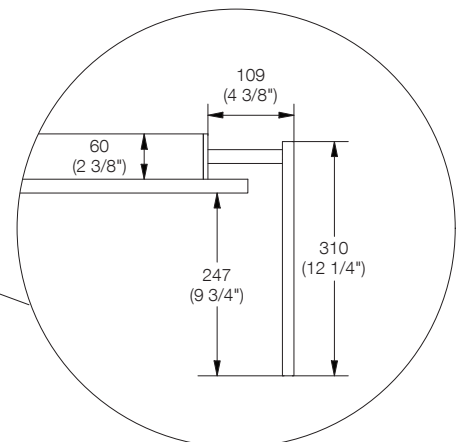


Caution

It is not recommended to use knobs on wall bed doors. Please use pulls in order to have more anchor points into the door panel and avoid injuries that may be caused by the knobs detaching from the door panels.

A pull centered on the front two panels or two separate pulls at the same height will aid in raising and lowering the bed. The pull(s) are to be through-mounted into the front panels to insure they are securely fastened.

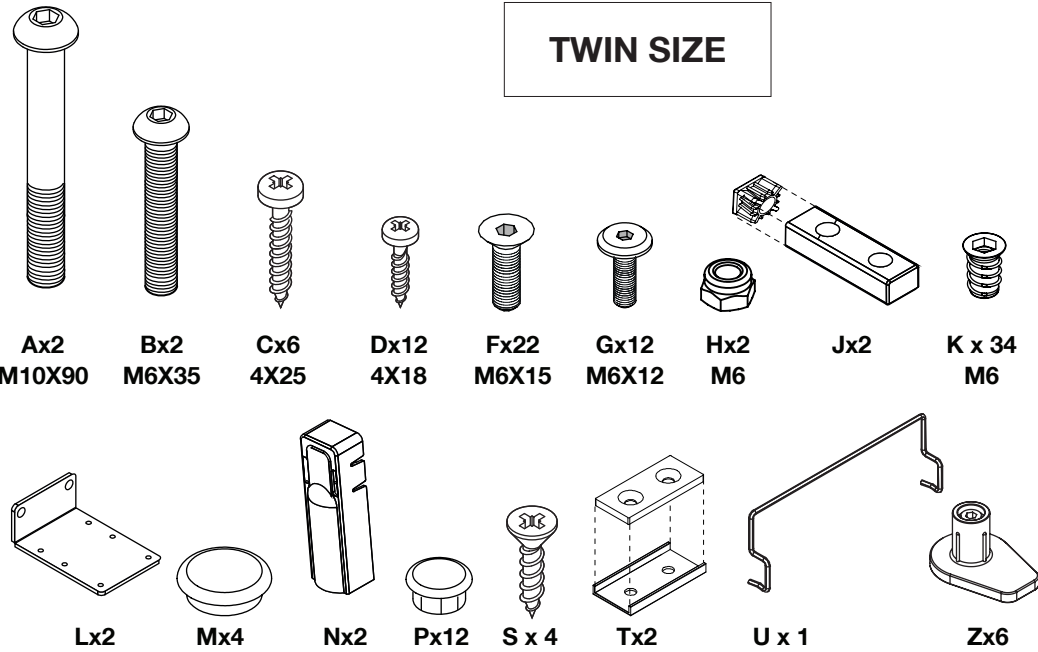
DO NOT mount pull(s) lower than recommended as this could result in the door being harder to operate.



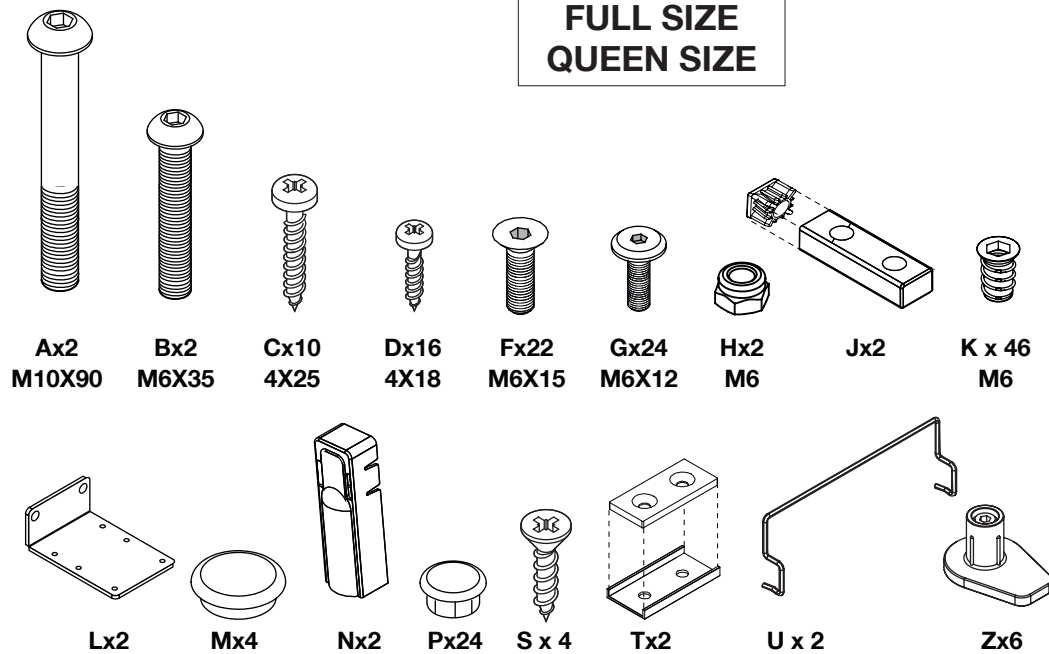
*DIMENSIONS ARE APPROXIMATE

DYNAMIK WALL BED - INCLUDED COMPONENTS

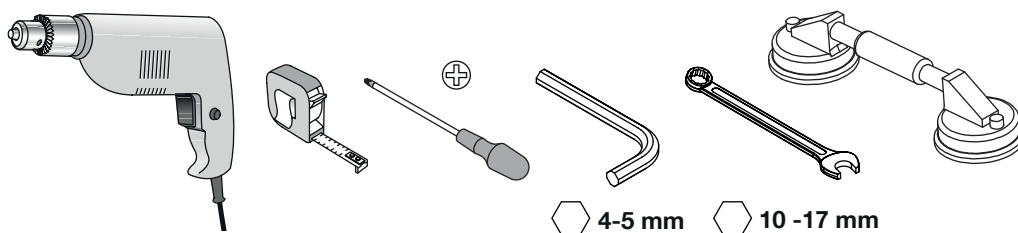
TWIN SIZE



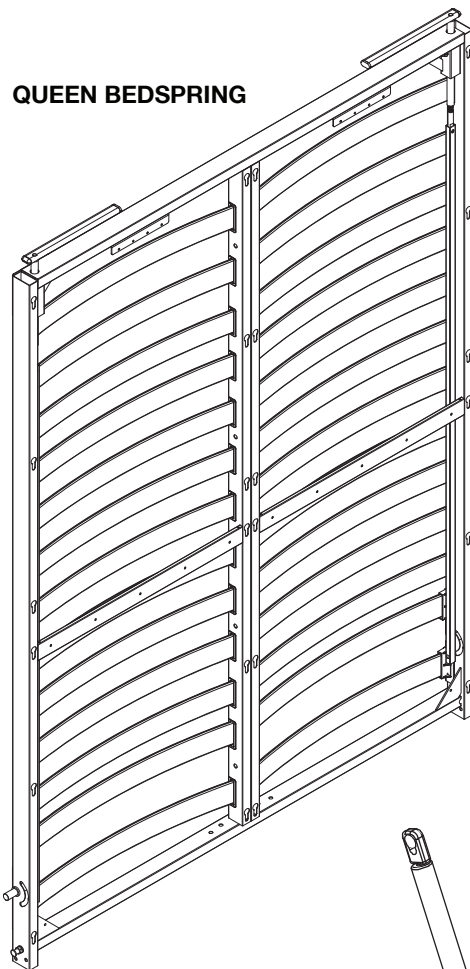
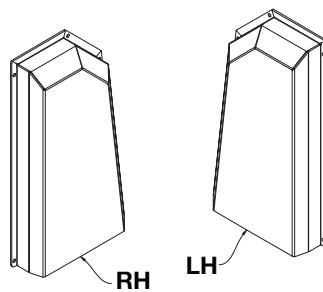
FULL SIZE QUEEN SIZE



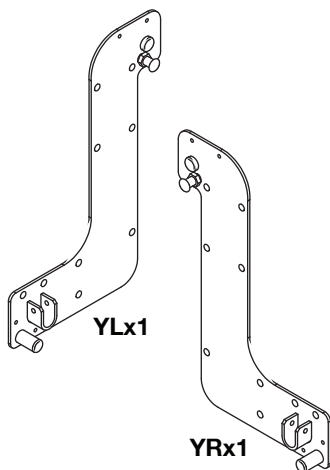
RECOMMENDED TOOLS - CUSTOMER SUPPLIED



DYNAMIK WALL BED - INCLUDED COMPONENTS



Cover Caps are sold separately



Mattress Weight and Pistons:

It's critical that you know the weight of your Mattress before installation.

Pistons are sold separately in pairs depending on the weight of the Mattress.

Häfele offers Piston sets for mattresses with a weight range from 35 lbs to 85 lbs.

Do Not use Pistons from any other source other than Häfele.

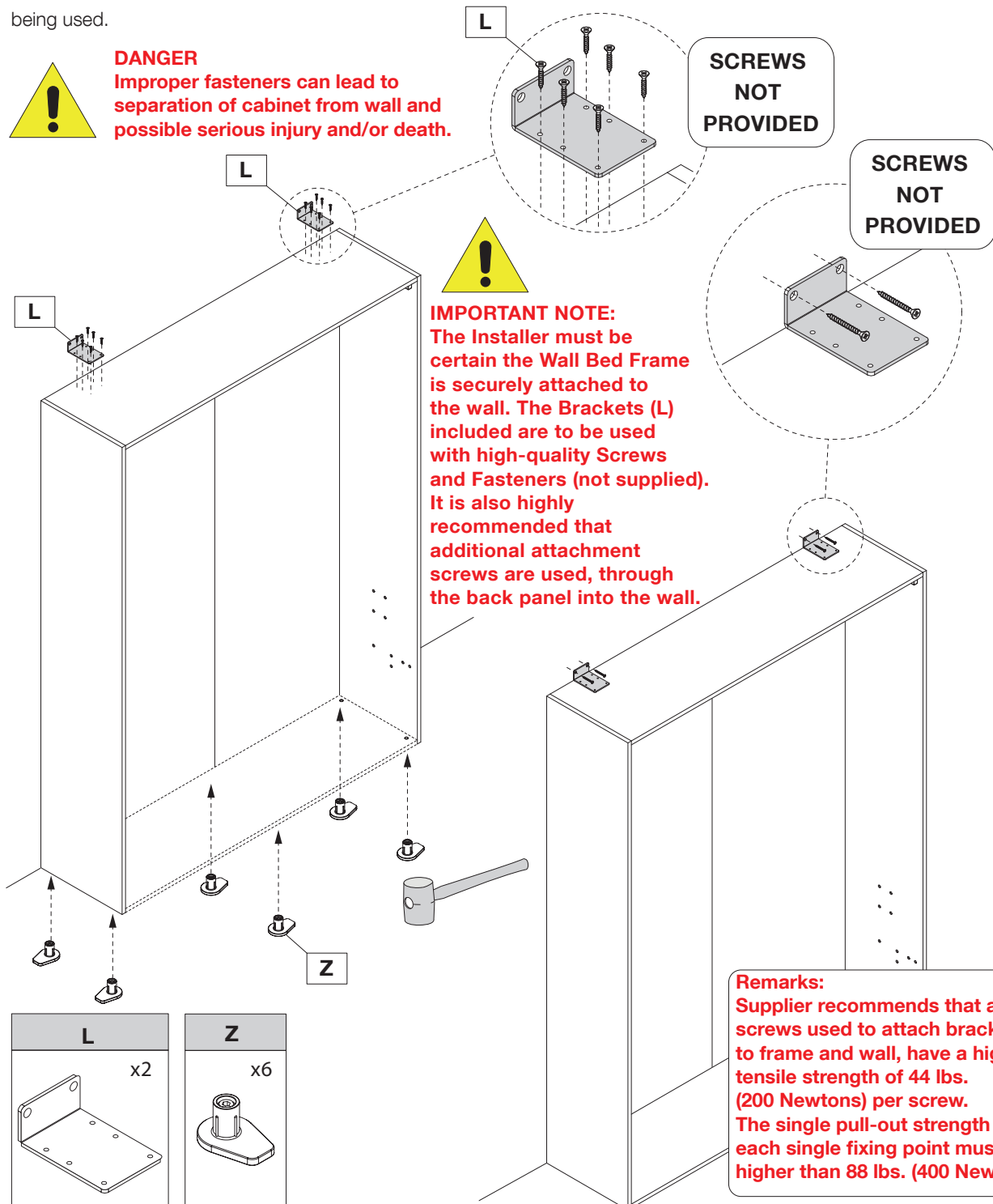
INSTALLATION INSTRUCTION

STEP #1 - INSTALL THE CASEWORK

- Adjust the levelers to be sure the cabinet is level, perfectly square and plumb against the wall
- Be sure to remove any baseboard or other molding behind the back of cabinet
- Fasteners for attaching brackets to the wall must be appropriate to the composition of the wall or studs being used.

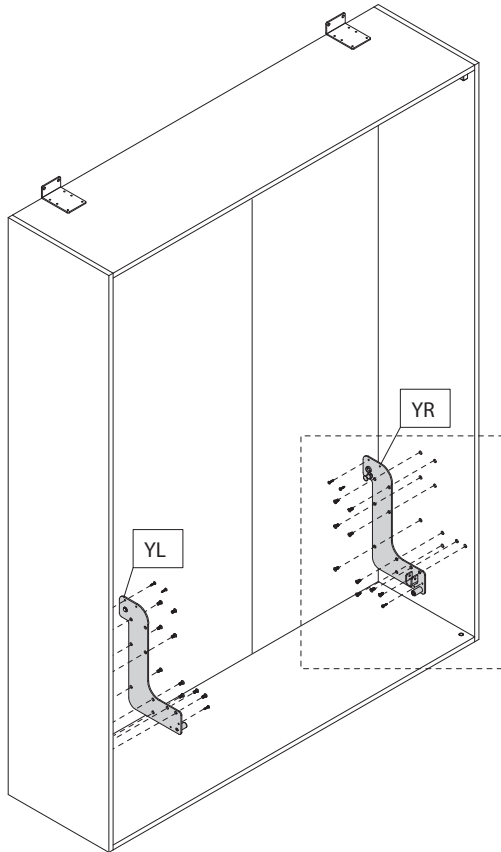


DANGER
Improper fasteners can lead to separation of cabinet from wall and possible serious injury and/or death.



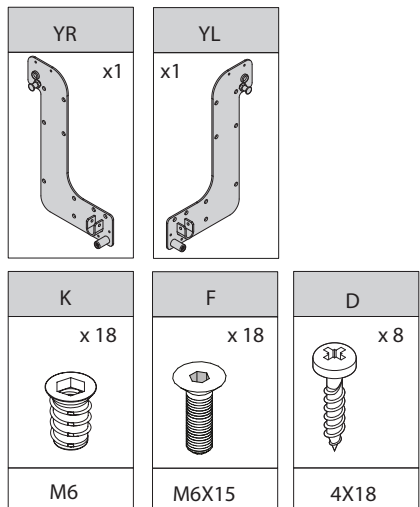
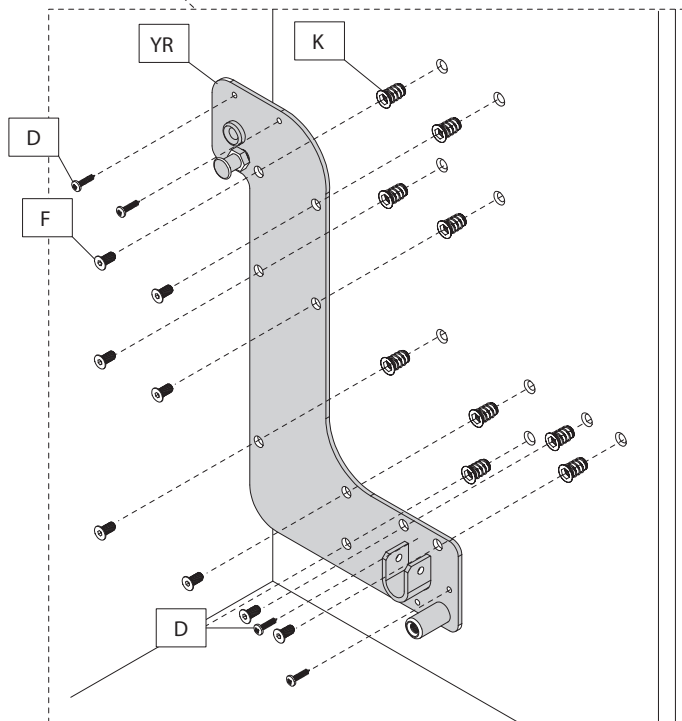
STEP #2 - INSTALL THE SIDE BRACKETS

- Install threaded inserts “K” into side panels
- Align brackets “YR” and “YL” and affix with threaded bolts “F”
- Then install wood screws “D” for final lock-down of brackets

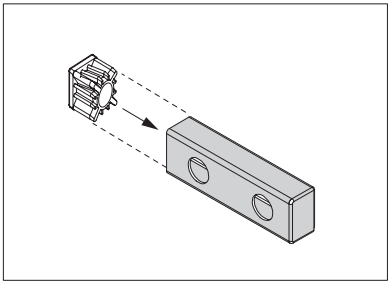
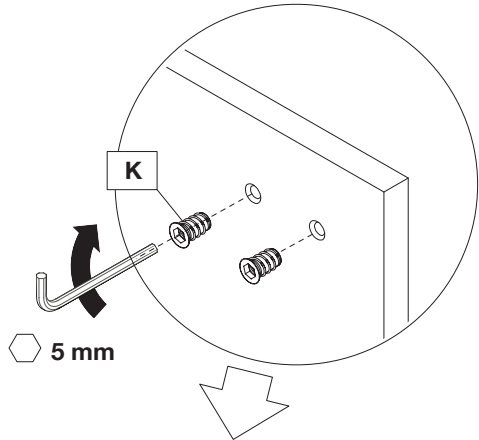
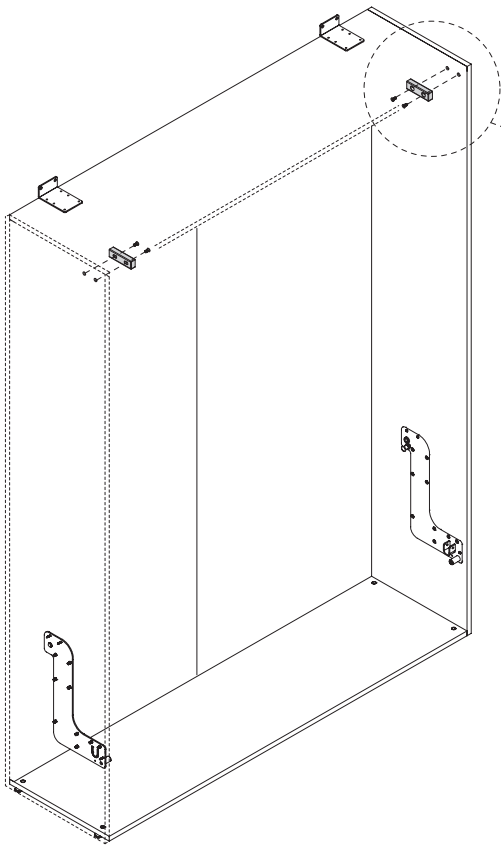
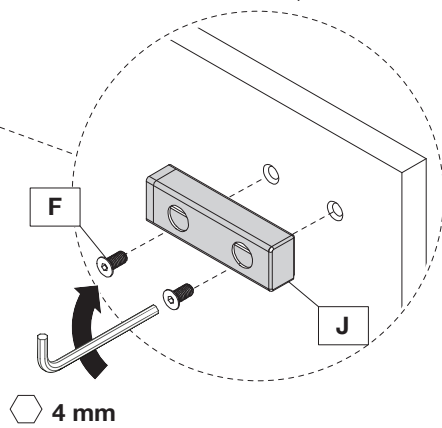
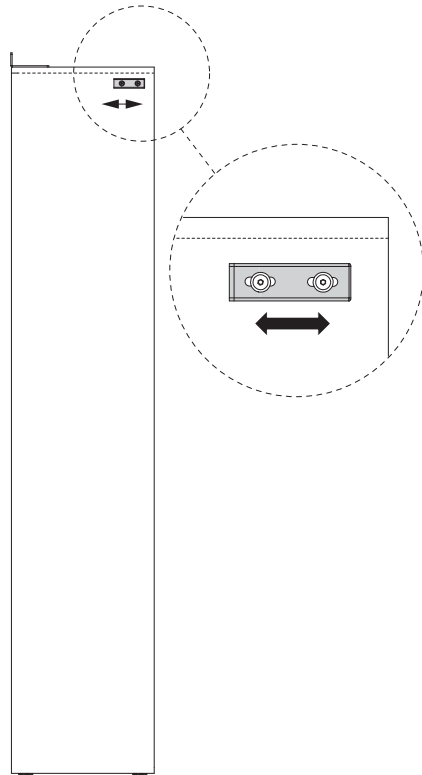


DANGER

All shown fasteners must be installed or the side brackets may separate from panels leading to possible injury during operation of the bed frame.



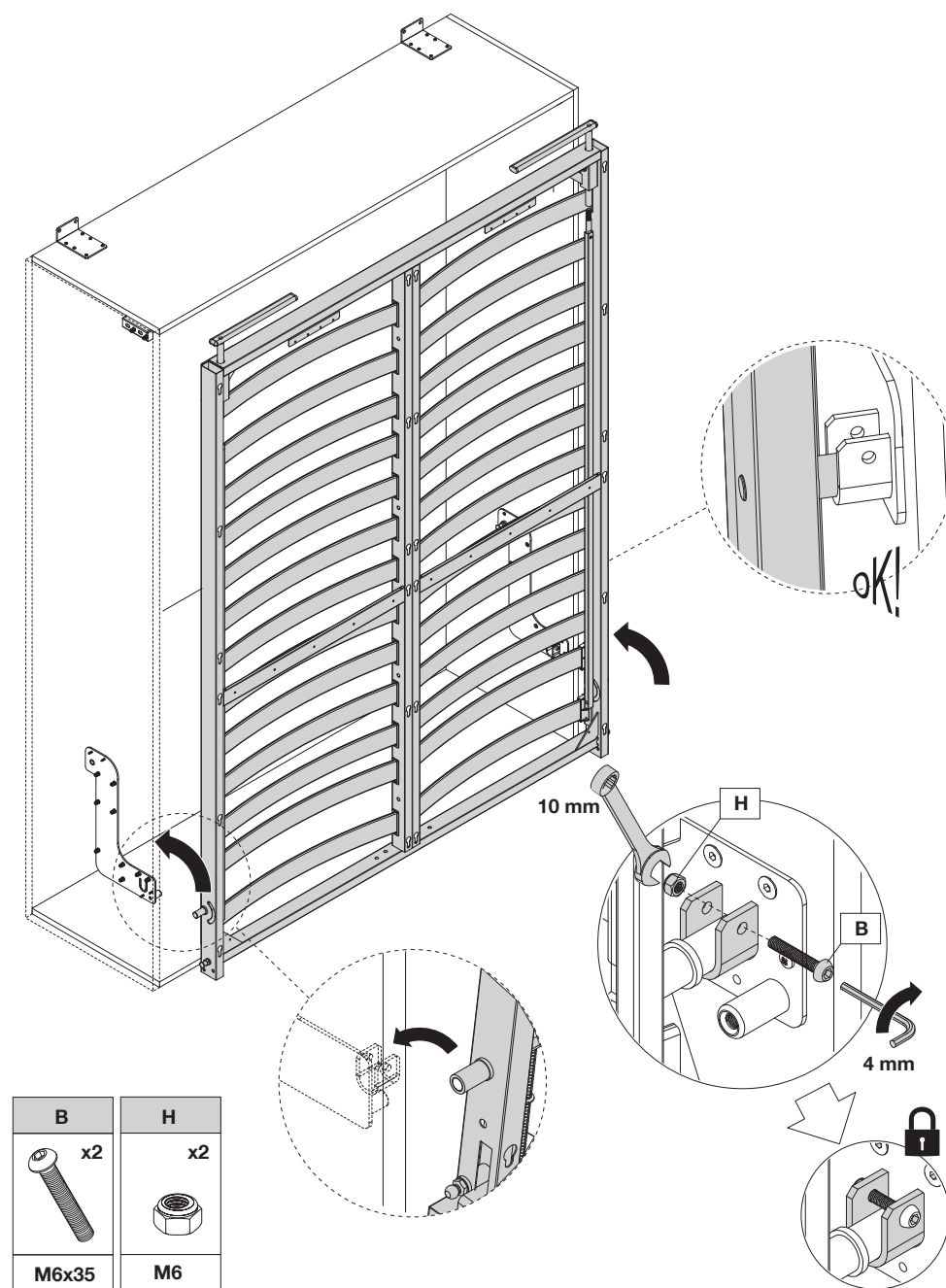
STEP #3 - ATTACH THE STOPS



J	K	F
x2	x4	x4
	M6	M6X15

STEP #4 - INSTALL THE FRAME

- It is recommended that two people slide the frame into place assuring that the frame pins seat properly to the side bracket receivers
- Use care that frame does not fall until gas pistons are installed.



STEP #5 - ATTACH THE GAS SPRINGS

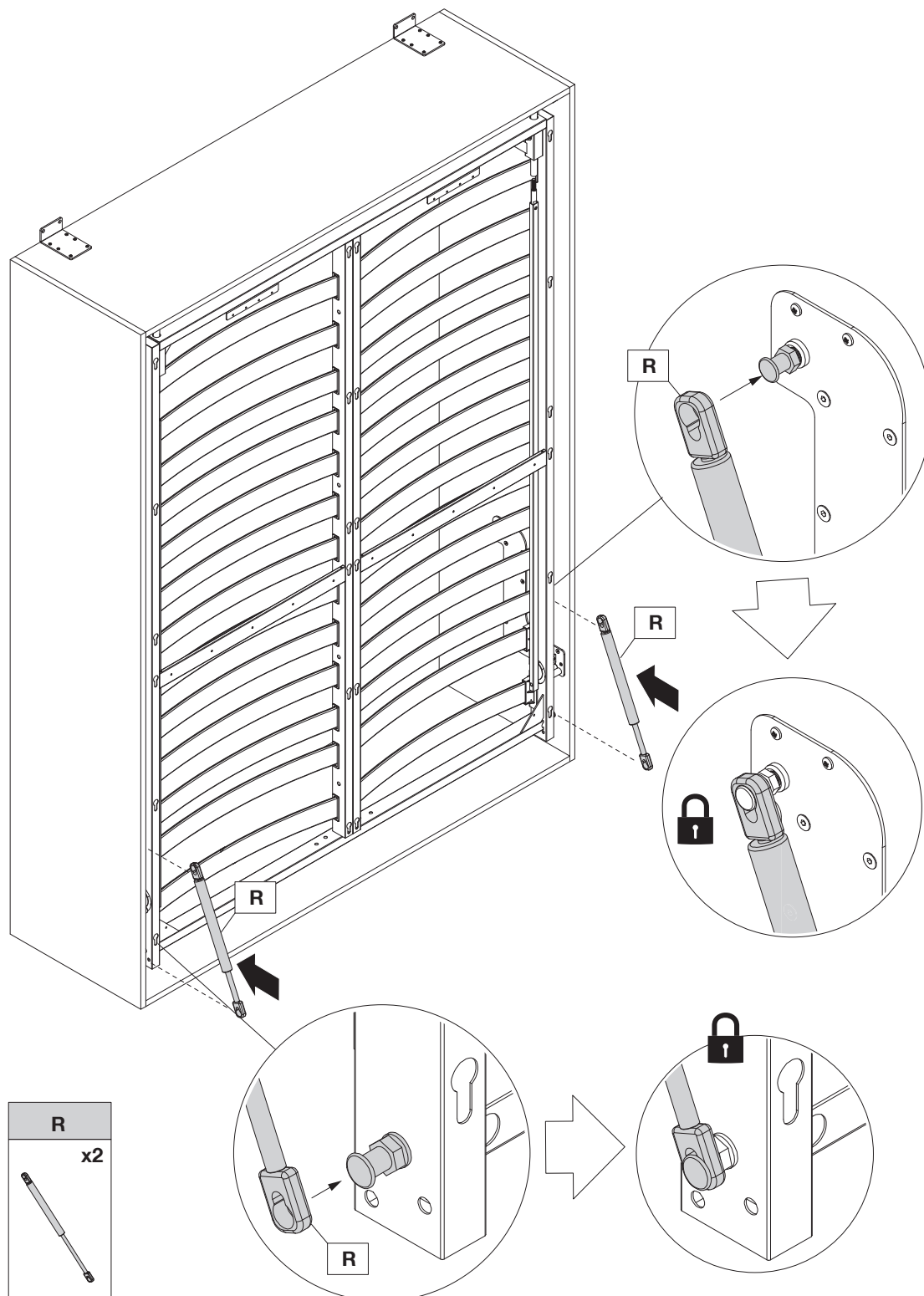


DANGER

The pistons are now installed, and the frame is under pressure.

Do not operate the bed without the help of another person.

Do not let go of the frame as it will snap up suddenly which could cause injury and/or death.

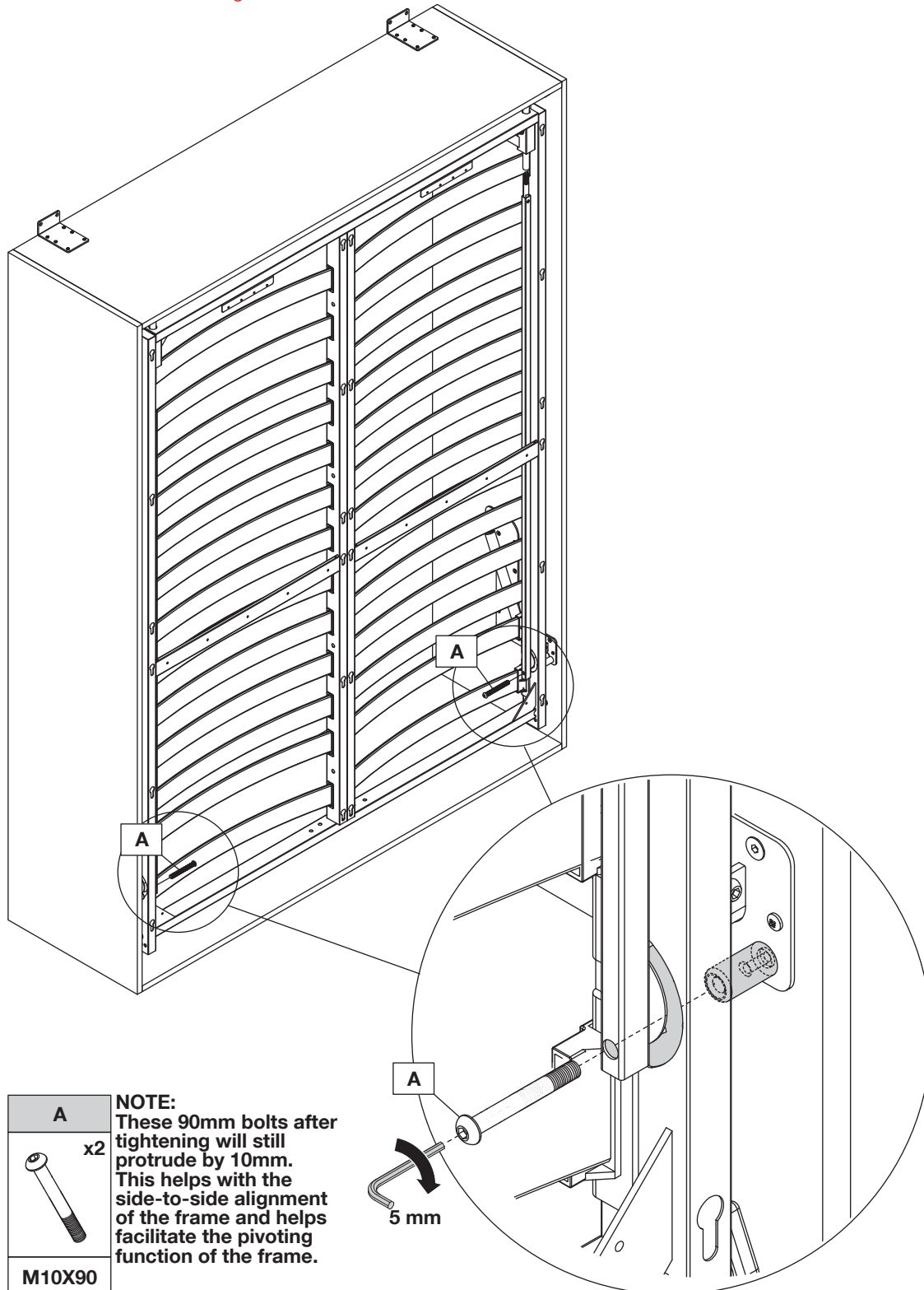


STEP #6 - AFFIX FRAME TO BRACKETS WITH M10 X 90MM BOLTS



CAUTION

Bed Frame is now under pressure from the Gas Springs.
Care should be taken now when folding the frame as the weight of the Front Panels and Mattress is not yet counterbalancing the frame.



A

x2



M10X90

NOTE:

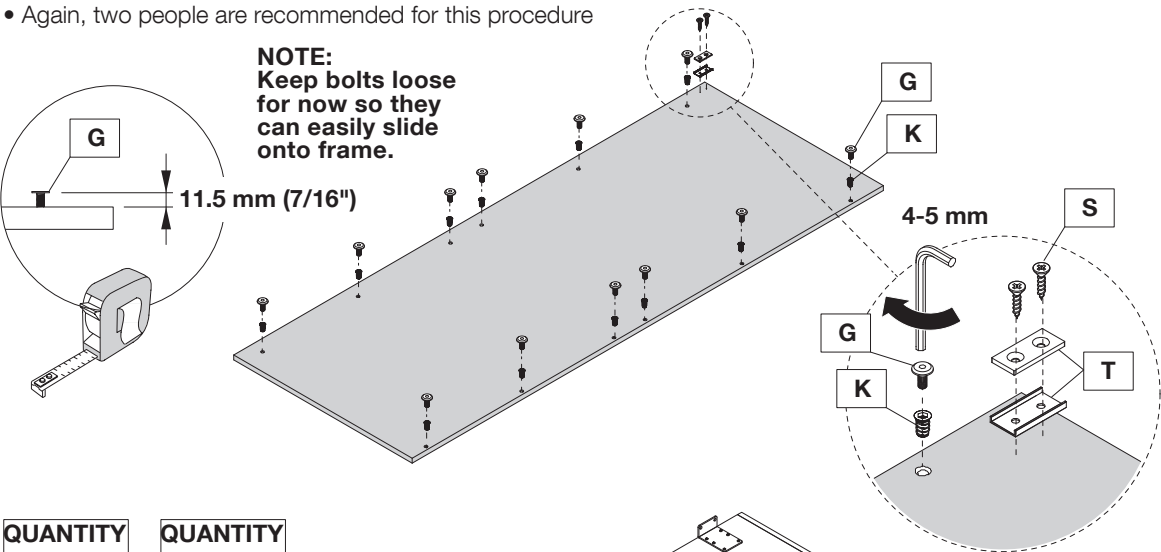
These 90mm bolts after tightening will still protrude by 10mm. This helps with the side-to-side alignment of the frame and helps facilitate the pivoting function of the frame.

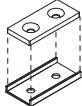
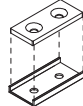
A

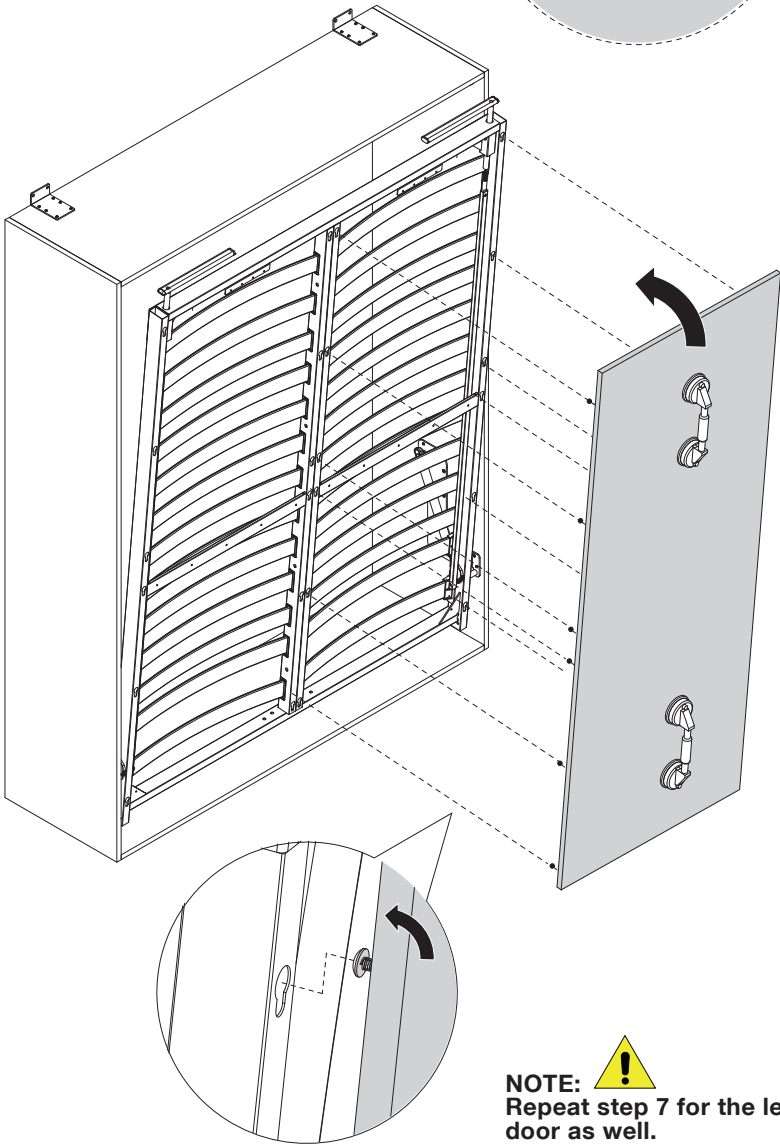
5 mm

STEP #7 - ATTACH THE FRONT PANELS

- Install Bolts “G” but do not tighten yet
- Again, two people are recommended for this procedure



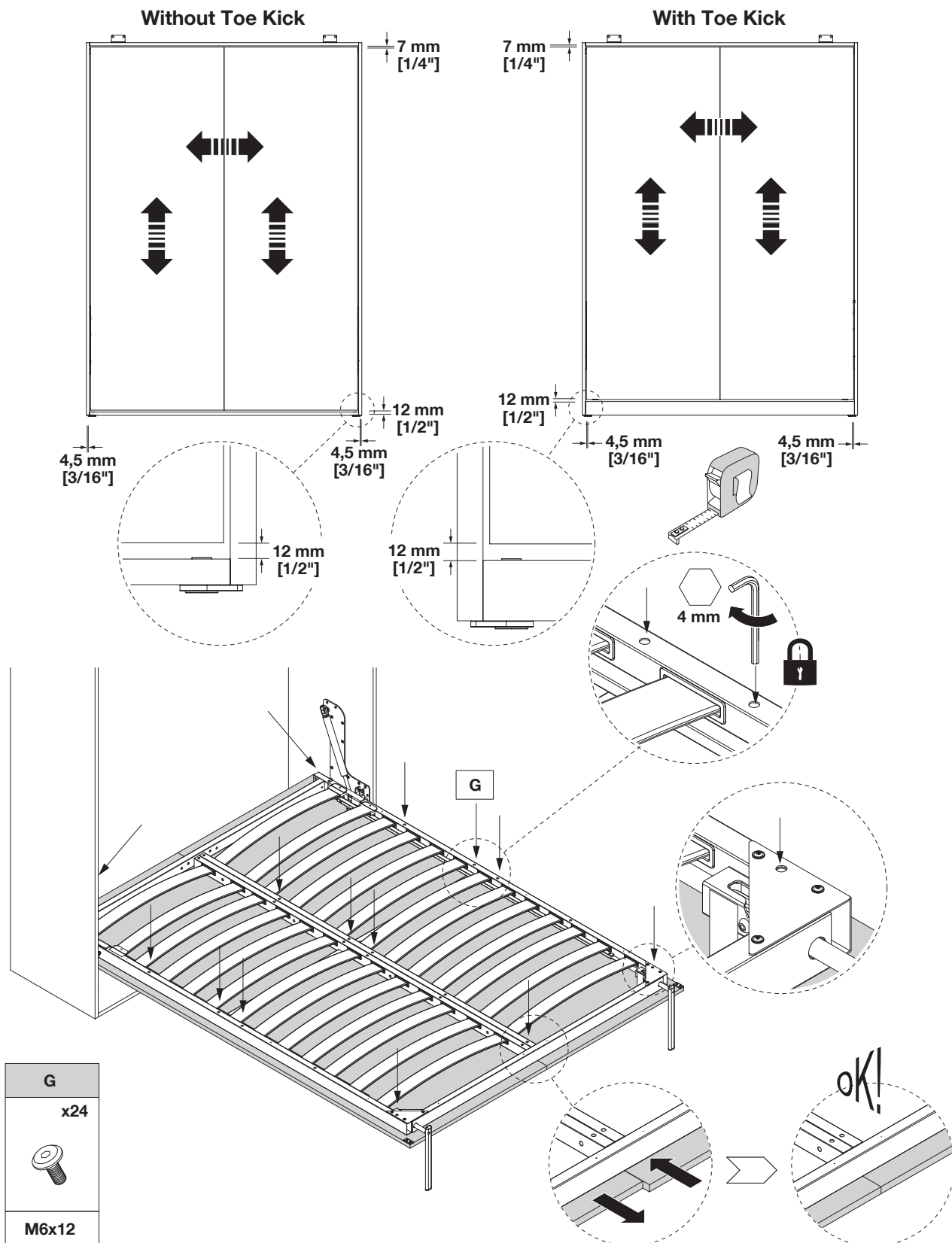
QUANTITY FOR 1 DOOR	QUANTITY FOR 2 DOORS
G x12  M6x12	G x24  M6x12
K x12  M6	K x24  M6
S x2  4x18	S x4  4x18
T x1 	T x2 



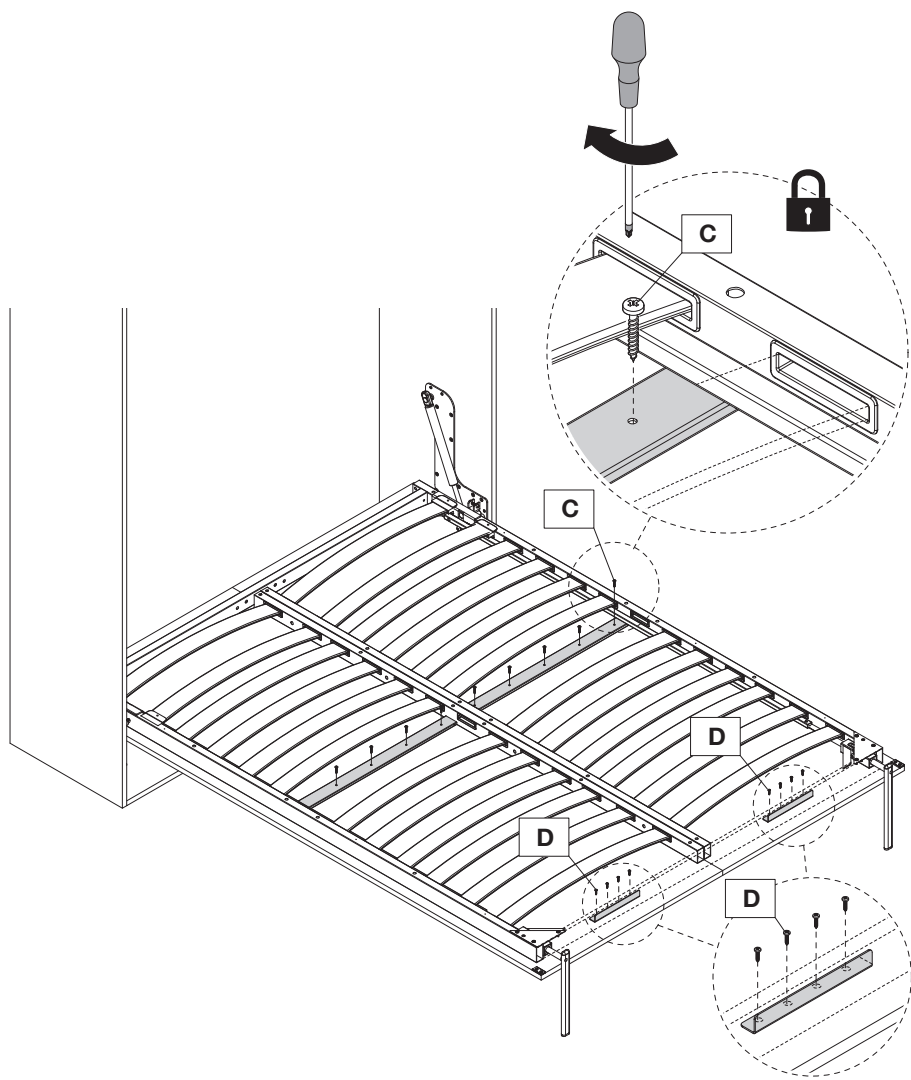
NOTE: 
Repeat step 7 for the left
door as well.

STEP #8 - CENTER AND ALIGN THE FRONT PANELS

- Now firmly tighten all bolts G



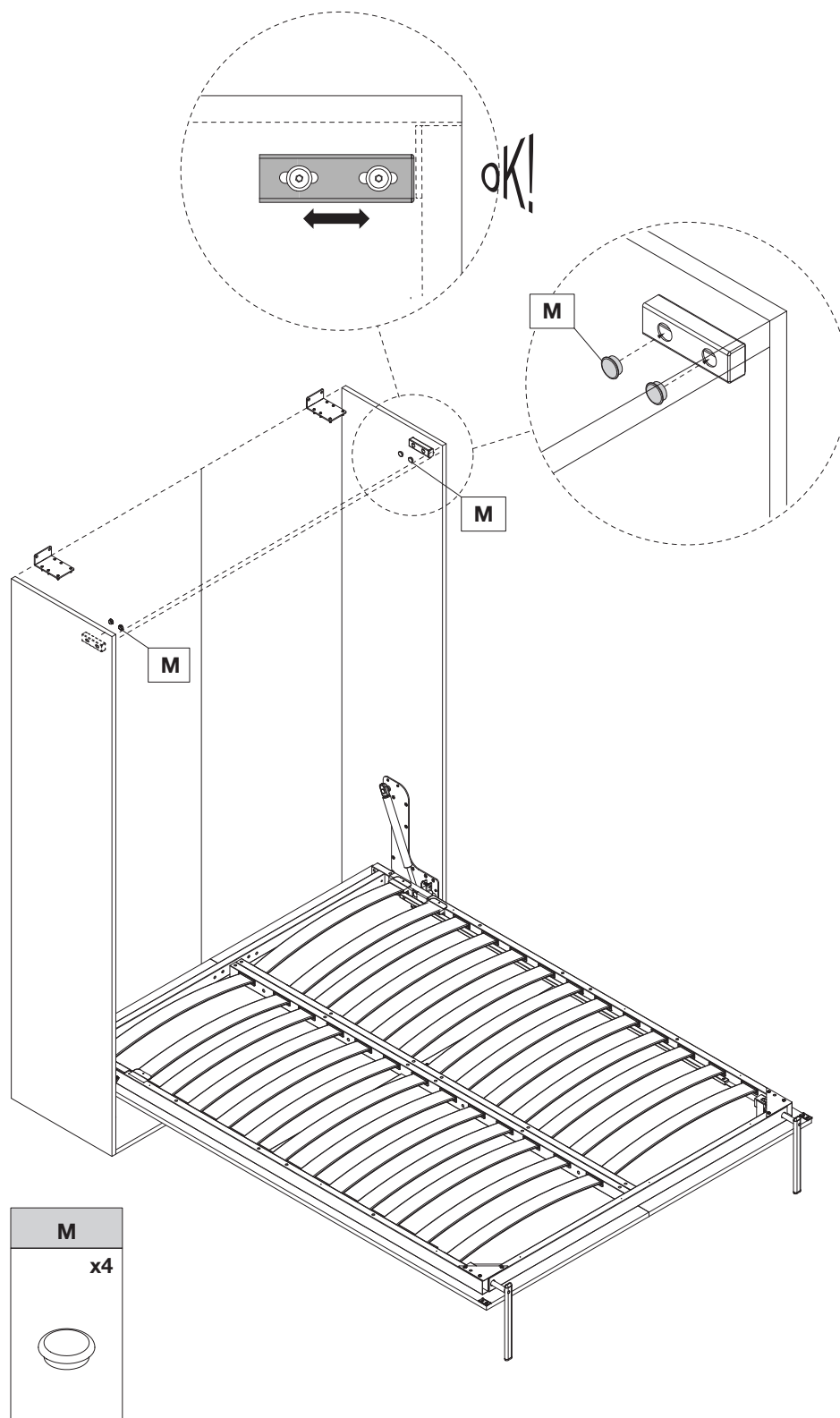
STEP #9 - FINAL LOCK-DOWN OF FRONT PANELS



FULL SIZE QUEEN SIZE		TWIN SIZE	
C	D	C	D
x10	x8	x6	x4
			
4x25	4x18	4x25	4x18

STEP #10 - ADJUST FRONT PANEL STOPS

- Adjust the front panel stops so the front panel is flush with the top panel. Then tighten screws and install covers “M”.

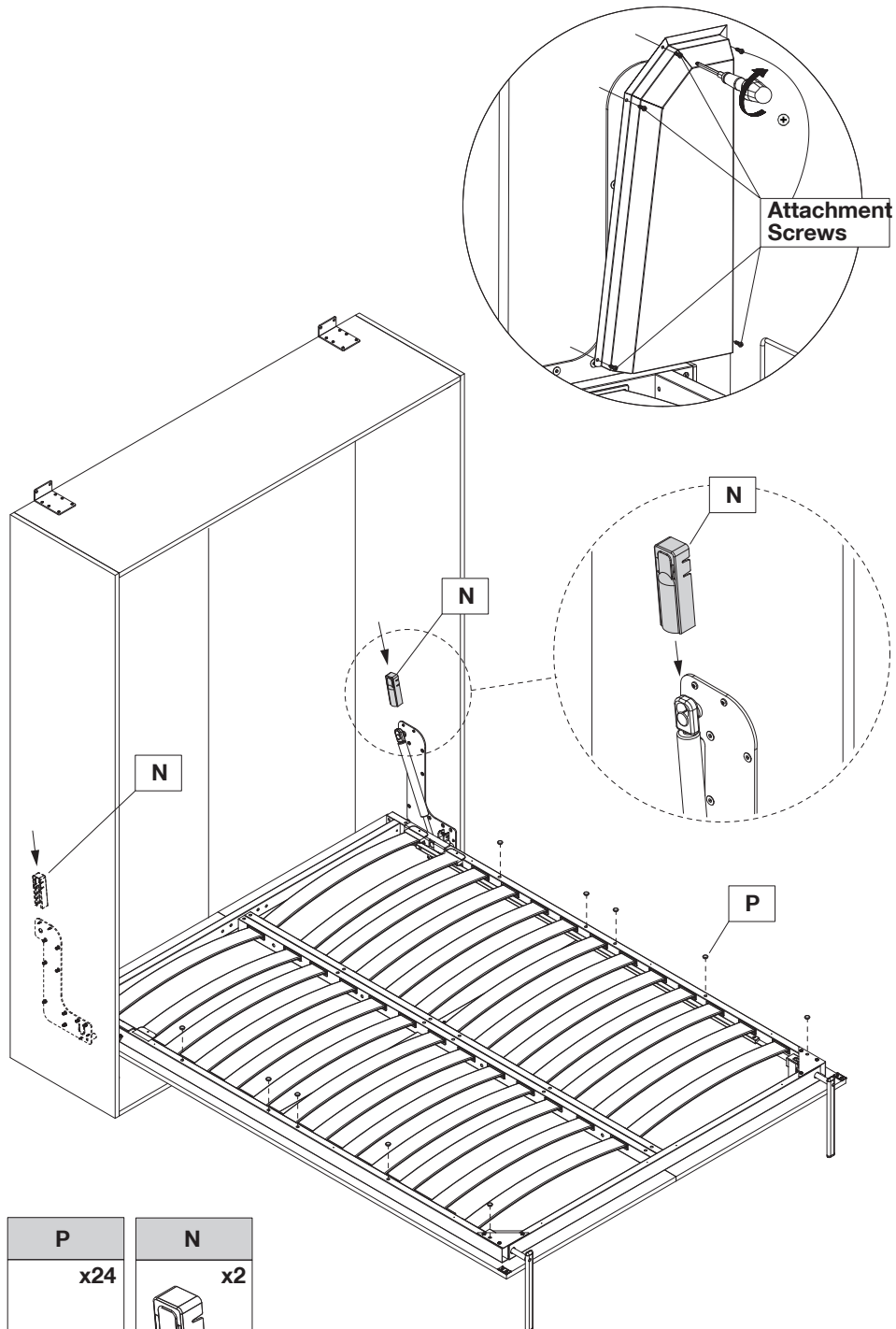


STEP #11 - ADD COVER CAPS



DANGER

Piston covers "N" must be installed to prevent pistons from separating from the side brackets and possibly causing injury.



P	N
x24	x2

STEP #12



CAUTION
Make sure to attach the mattress straps to prevent the mattress from separating from the frame. This can lead to the frame not being counterbalanced and difficult to open or control leading to potential injury.

