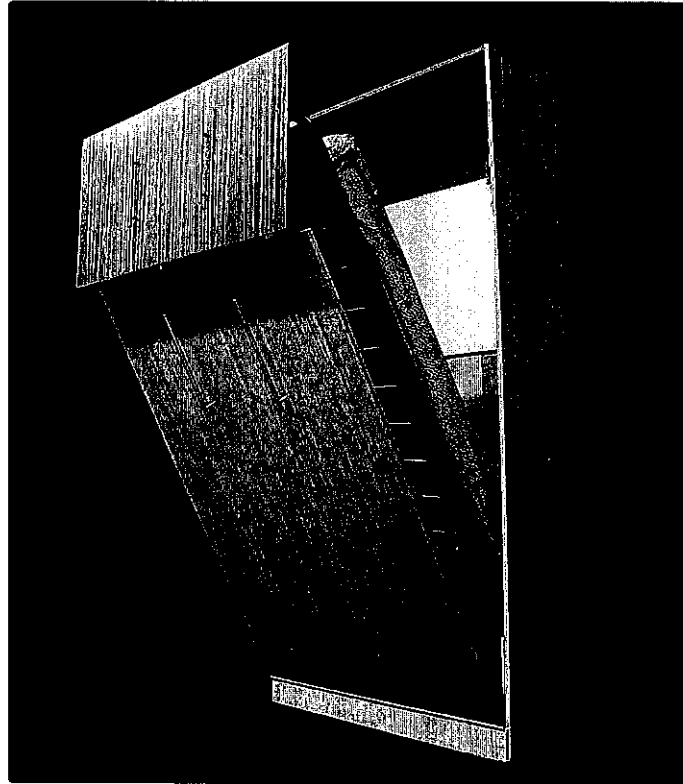


# **SELBY Type CA Wall Bed with Automatic Folding Foot Board Assembly Instructions**



**Selby Furniture Hardware Co.**

321 Rider Ave.  
Bronx NY 10451

[www.selbyhardware.com](http://www.selbyhardware.com)

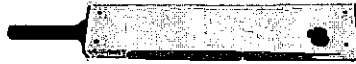
718-993-3700

mail to: [Info@selbyhardware.com](mailto:Info@selbyhardware.com)

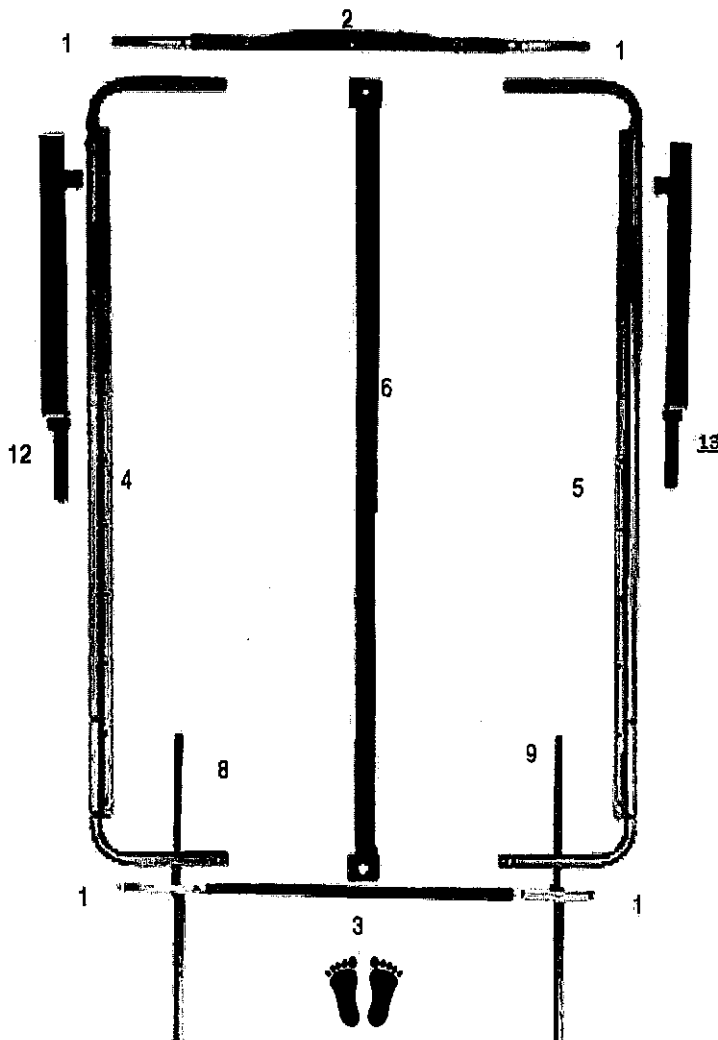
## Selby folding foot wall bed; a cut above any other wall bed currently available.

**IMPORTANT:** If package is damaged, check bed frame parts for concealed damage. If any items are missing contact your distributor immediately. Under NO circumstances store or lay objects under the bed frame or between the door and the bed frame when in the horizontal position. Damage can occur to the door and bed frame. The bed frame must be installed in structurally sound wall cabinet for the intended purpose and securely fastened to a sound structure

**Frame Assembly:** Clear a flat surface about 10' square on which to work. Find and assemble 4 each internal connecting mandrills to each end of the head and foot rails. Slip side rails on to the mandrills and insert screws and fasten nuts to secure the frame parts. Attach the center rail (s). Attach frame legs and secure. Attach counter balance mechanisms in place and secure. The counter balance mechanisms are "handed" the Right side is shown and the square axle is below center.



The cast mount plates must be attached with bolts, countersink bushings and nut as supplied. The countersink bushings must be set into the side panels for extra bearing strength when the bed is under tension. See fastening detail on next page.



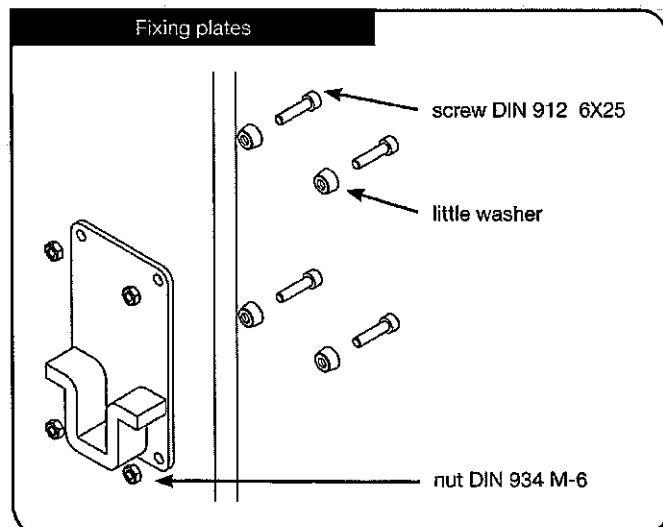
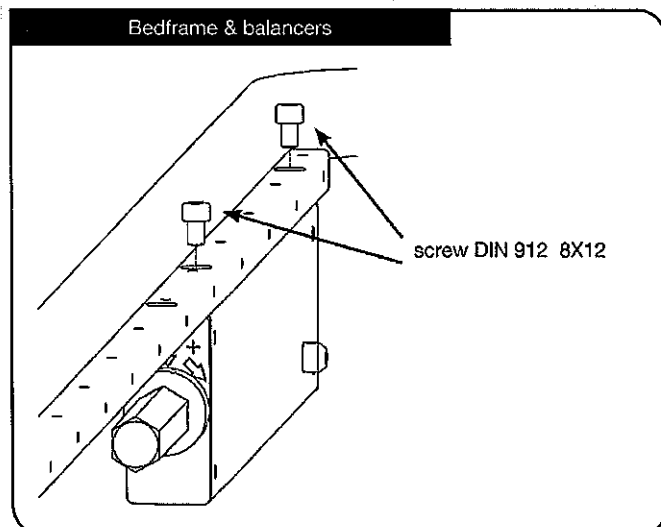
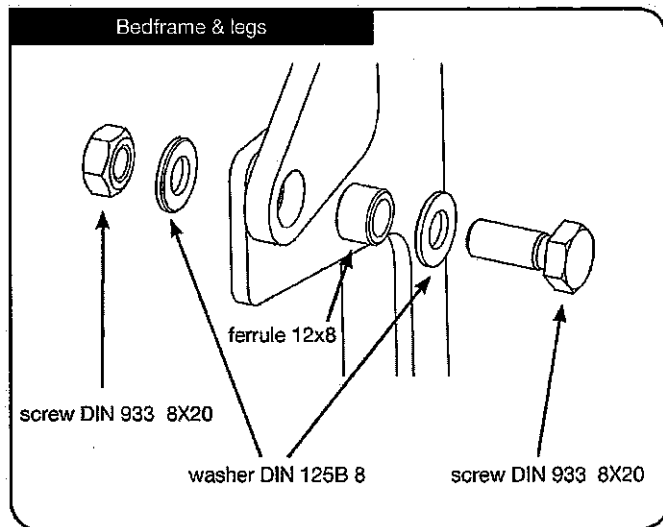
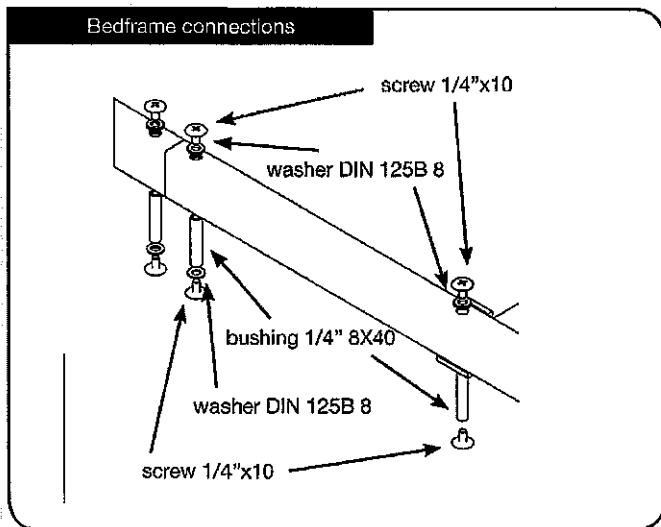
1. Frame connecting mandrills
2. Head rail
3. Foot Rail
4. Left side rail
5. Right side rail
6. Center Rail
7. Frame legs
8. Left door hinge member.
9. Right Door Hinge Member
10. Left leg hinge member
11. Right leg hinge member
12. Left counter balance mechanism
13. Right counter-balance mechanism
14. Pivot mount plates.

Twin bed frame has one center rail, other sizes have two center rails.

# Bag of hardware for CA models



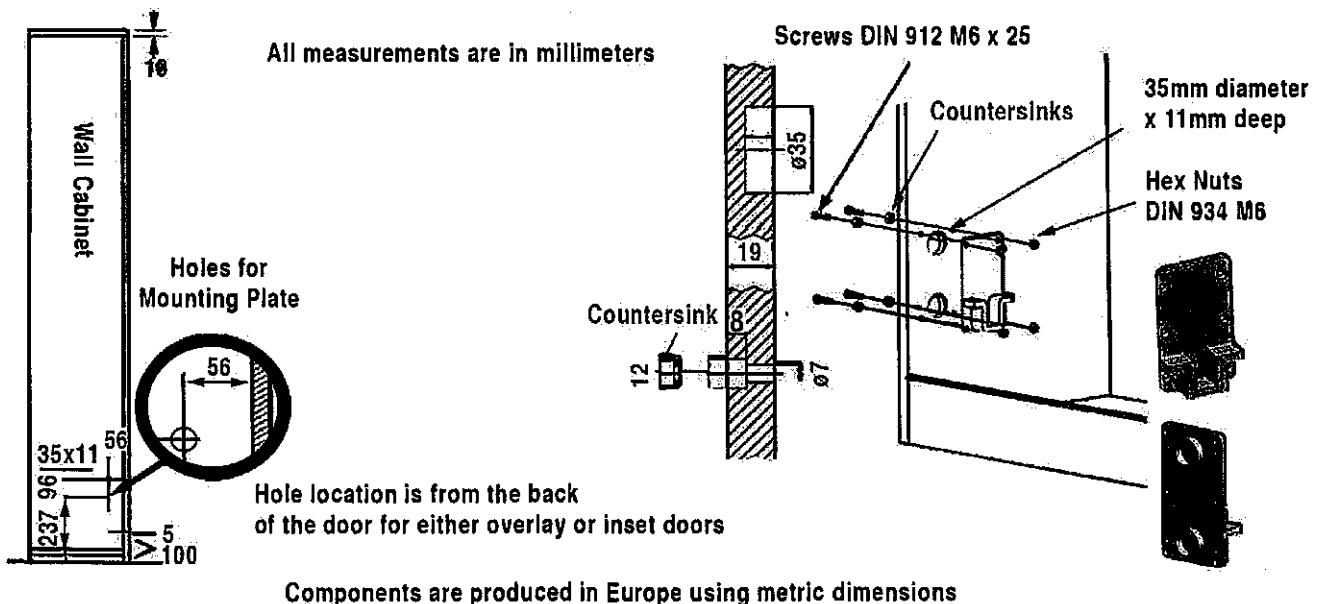
		for 1056	for 1437/1590/1996
Bedframe connections	bushing 1/4" 8X40	x10	x12
	screw 1/4"x10	x20	x24
	washer DIN 125B 8	x18	x20
Bedframe & legs	screw DIN 933 8X20	x2	x2
	nut DIN 934 M-8	x2	x2
	ferrule 12x8	x2	x2
	washer DIN 125B 8	x4	x4
Bedframe & balancers	DIN 912 8X12	x4	x4
Fixing plates	screw DIN 912 6X25	x8	x8
	nut DIN 934 M-6	x8	x8
	little washer	x8	x8



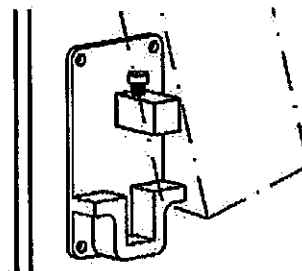
## Cabinet construction Suggestions

1. For cabinet dimensions see following pages.
2. Cabinet should be made from 3/4" thick wood panels
3. The overall cabinet height can be varied by altering the top door. This will allow the foot board to be higher or lower than the mattress when the bed is down. The bottom door **must** be 62" for twin or double mattress or 67" for a queen or eastern king mattress.
4. Cabinet widths are shown on the following drawings and vary by mattress size. The inside cabinet width **must** be 2-3/8" wider than the bed frame.
5. The toe kick must be 4" high.
6. The cabinet depth is recommended to be at least 8-1/2" greater than the chosen mattress thickness.
7. **IMPORTANT:** Always make sure that the cabinet is securely fastened to a structural wall and adjoining cabinetry
8. Fit the mount plates to the wall cabinet sides. You may need access to the outside of the cabinet to tighten bolts. The mount plates are supplied with bolts, nuts and countersink bushings for extra strength at points of stress. It is important that these fasteners be used to fasten the mount plates and mechanisms..

## Hole locations for Hardware Mounting



9. The bed can now be installed in the cabinet.  
Loosen the adjusting handles to turn freely by hand and back the door leveling screws out flush on the bottom.

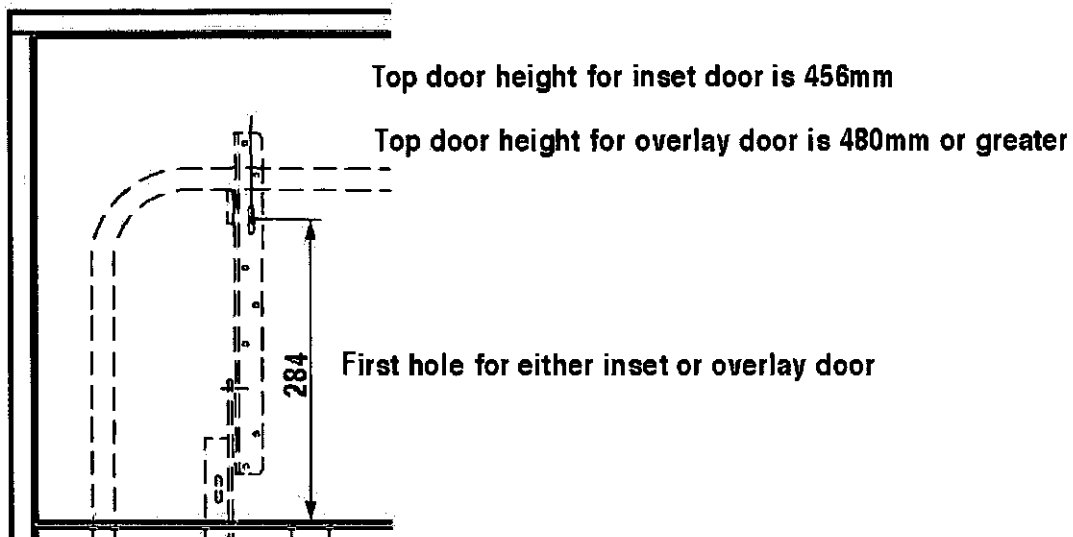
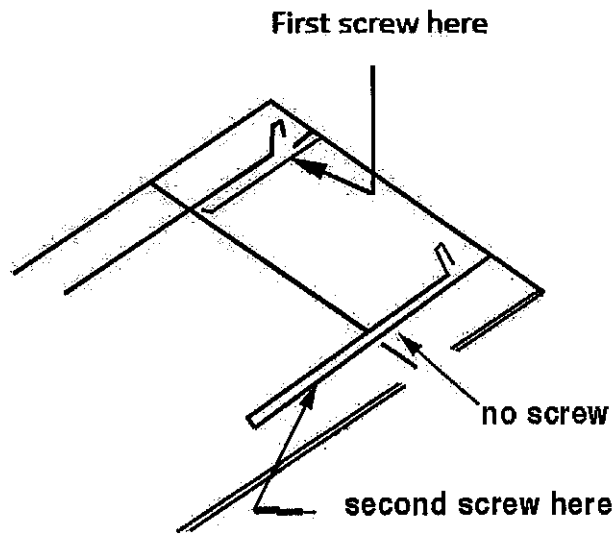


## Installing the cabinet .

10. Now that the cabinet is assembled and securely attached to a wall, a head board can be assembled. This simple addition will stop "things" from falling in to the cabinet behind the mattress. A board, chamfered at 45° on the top, and the same width as and slightly higher than the mattress is bolted to the bed frame. The chamfer side of the board can be attached to another chamfered board with piano hinge to run up and down the wall.. See sketch on page 4

11. Lay the doors face down on the floor. Block up the lower door and attach a piano hinge (not supplied) to the bottom of the door as shown for either overlay or inset door. Allow 5mm between lower & upper doors.

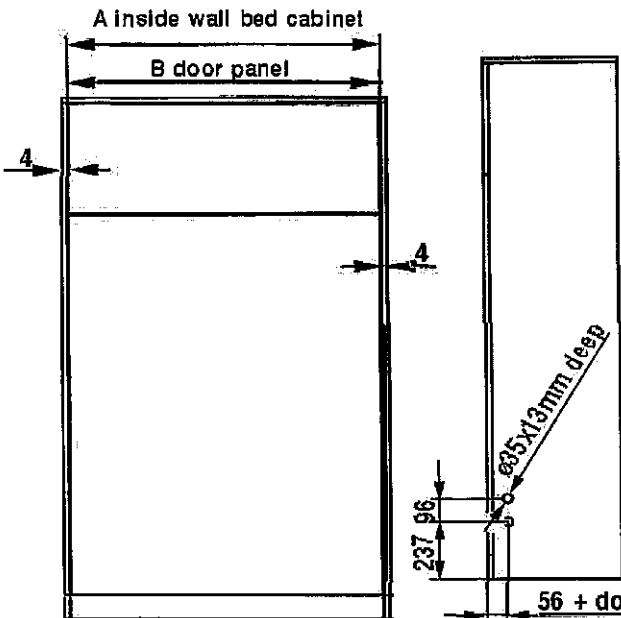
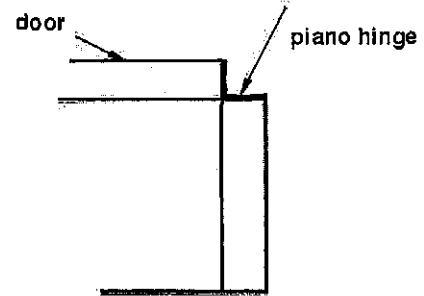
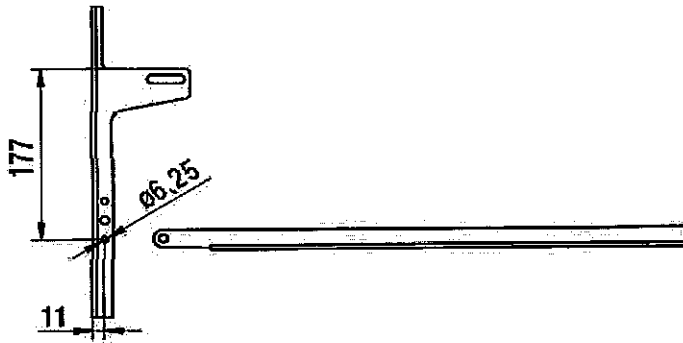
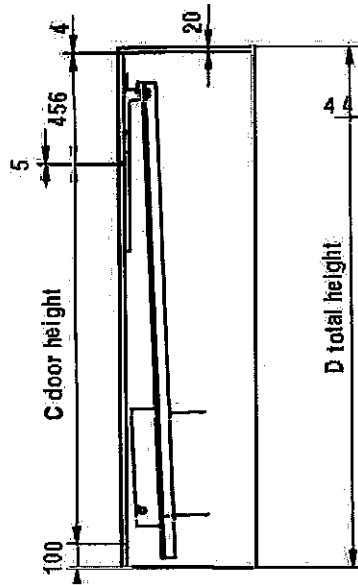
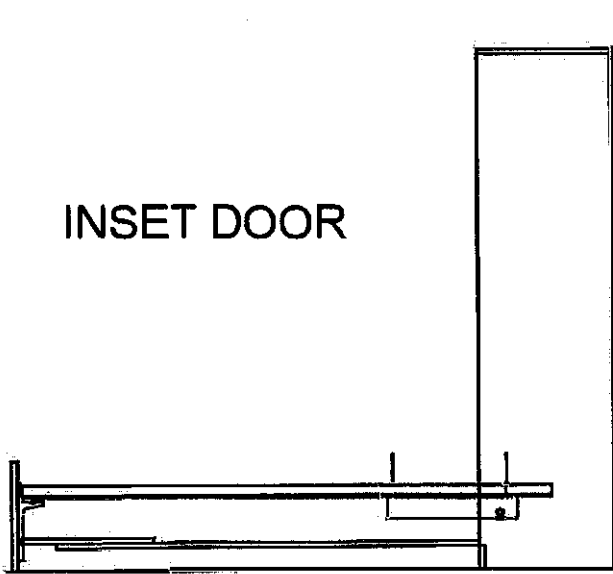
### Door set up



6. Attach the foot of the bed at this point and mount the bed into the cabinet.
7. With the doors attached to the cabinet, the bed frame can be attached to the doors..
8. Carefully lift the door and frame (the platform) to vertical position and check the door alignment. There are alignment screws in the square axel to adjust door gap .

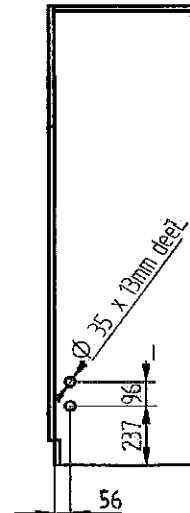
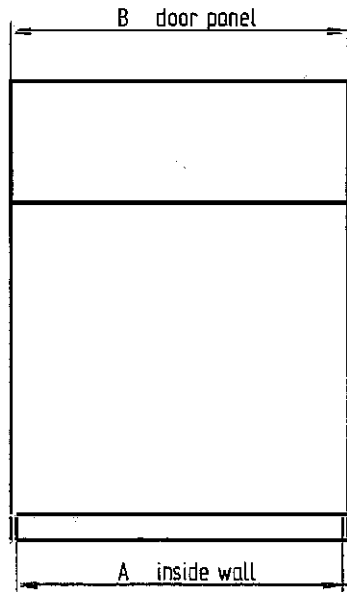
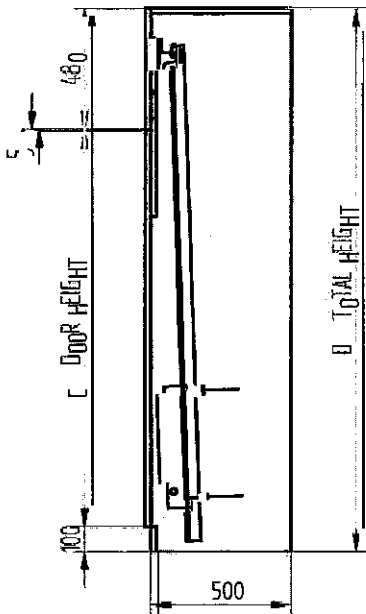
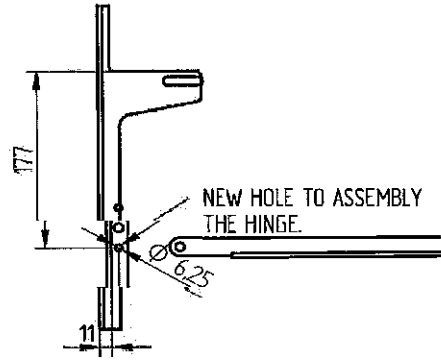
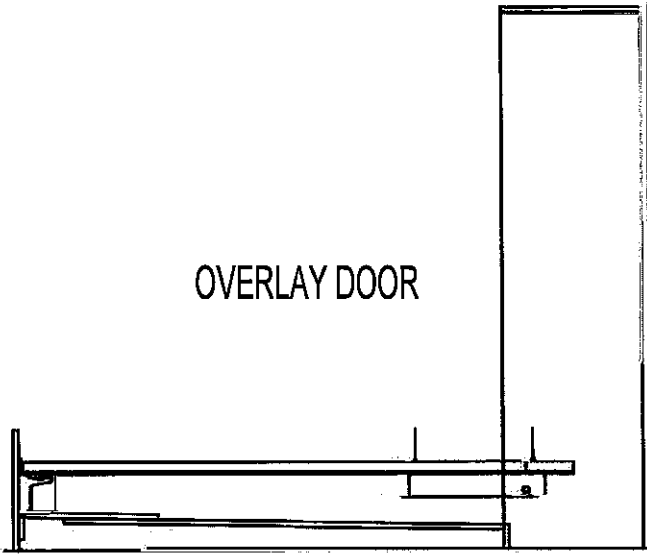
9. With the cabinet secured to the wall, you may start the adjustment procedure.
10. Lower the panel door to an approximate 15° angle (from vertical) and tighten by hand. Turn both left and right tension handles until they stop turning without force.
11. Unwind the regulators an even 10 full turns each.
12. Lower the panel door and carefully install the chosen mattress. Carefully release the panel door to see if it will remain at this angle. With a foam mattress, the panel door may stay at this position, but a spring mattress may require further adjustment.
13. Bring the bed back up to the original 15° angle (from vertical). At this point, uniformly tighten the tensioning handles one side at a time in an equal number of turns in multiples of 8-10 turns. A ratchet wrench and 24mm socket is recommended to avoid damage to the tension adjusting handles.
14. Lower the panel door until bed is parallel to the floor. At this point, you may judge for yourself the weight of the bed. If you feel it is too heavy, tighten the regulators further (always tighten in the up-right position, sequentially, one side at a time) to obtain the perfect setting.

## INSET DOOR



CA SYSTEM	SINGLE/TWIN	DOUBLE/FULL	QUEEN	KING
A	1.166	1.547	1.700	2.106
B	1.158	1.539	1.692	2.098
C	1.575	1.575	1.702	1.702
D	2.160	2.160	2.287	2.287

Nombre		Fecha	Solid Edge ST		
Dibujado	adolfo.gaudes	20/07/16	Siemens PLM Software		
Comprobado			Título		
Aprobado 1					
Aprobado 2					
Salvo indicación contraria cotas en milímetros ángulos en grados tolerancias ±0,5 y ±1°			A3	Plano	Rev
			Archivo: ARMARIO CA KO.dff		
			Escala	Peso	Hoja 3 de 4



## CA CABINET

CA SYSTEM	SINGLE/TWIN	DOUBLE/FULL	QUEEN	KING
A	1.166	1.547	1.700	2.106
B	1.206	1.587	1.740	2.146
C	1.575	1.575	1.702	1.702
D	2.160	2.160	2.287	2.287

		Nombre	Fecha	<b>Solid Edge ST</b>	
Dibujado	adolfo.gaudes	20/07/16	Siemens PLM Software		
Comprobado			Título		
Aprobado 1			A3 Plano		
Aprobado 2			Rev		
Salvo indicación contraria cotas en milímetros ángulos en grados tolerancias ±0,5 y ±1°			Archive ARMARIO CA KO.dft		
Escala		Peso		Hoja 1 de 4	