Barkan
a better point of view™

Assembly Instructions



35 YEARS OF INNOVATION

Giant TV Tilt Wall Mount

PREMIUM

If you are satisfied with the product, please give us a 5-star ☆☆☆☆☆ rating on the website you bought it from. If you are not happy, please contact us at www.barkanmounts.com/support, and we will solve the problem for you.

For more information: **www.barkanmounts.com**

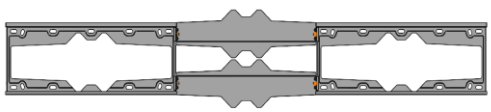
Download Assembly Instructions with text

Safety instructions and installation warnings (provided separately) must be read in full before assembly.

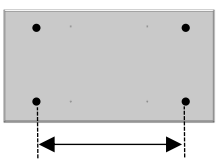
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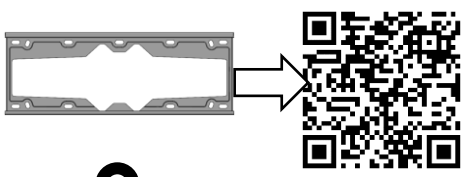
BM510-Assembly instructions-online-2510

TV Size
55”-115”

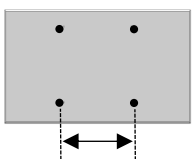


Max. Load
US | EU
256lbs | 120kg





Max. Load
US | EU
110lbs | 50kg



Barkan Product Lines

Innovative mounting solutions for EV charging, TVs, computers & tablets, and furniture



Protective EV Charging Cable Wall Arms



Extra-Long TV Wall Mounts



TV Cabinets



EV Charger Stands



Giant TV Mounts



Bookshelves & Desks



Level 3 - For DC Fast Charging Stations



TV Mounts



TV Stands & Carts



Wall Mounted EV Charger Stands



TV Mounts with Integrated Antenna



Computer Monitor Mounts



Tablet Mounts & Stands

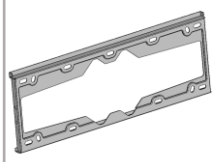
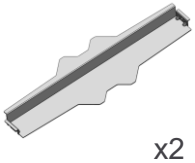
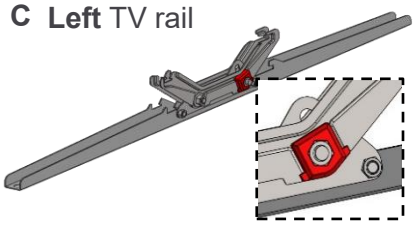
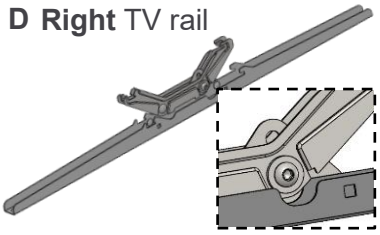
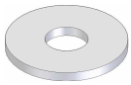
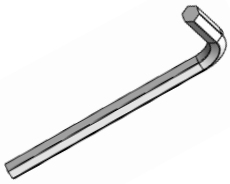
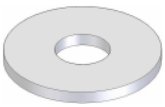
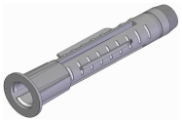


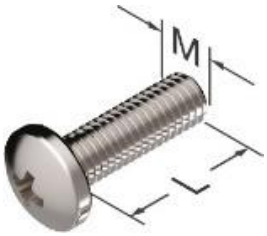
Additional Mounts & Shelves



Indoor Antennas

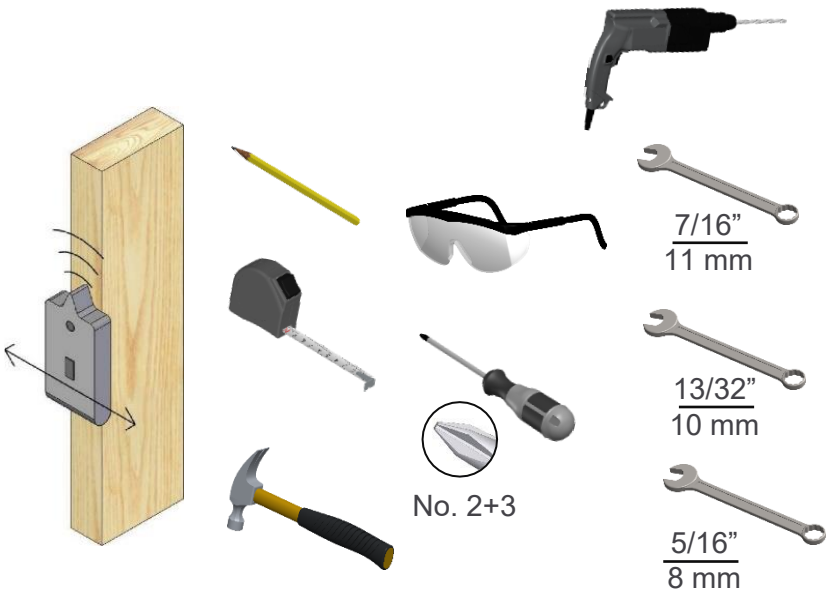
Included Parts not to scale

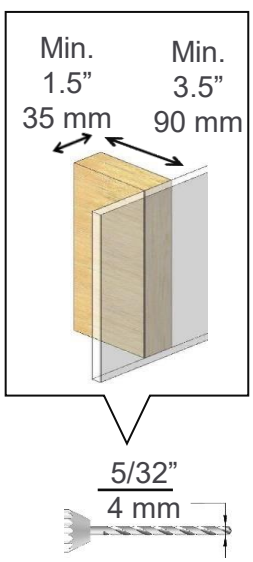
A Wall plate  x2	**B** Wall plate connector  x2	**C** **Left** TV rail  x1	**D** **Right** TV rail  x1
Z5 Metal washer  x4	**Z6** Plastic spacer  x8	**Y1** Screw  x4	**Y2** Nut  x4
Y3 Allen 4  x1			
W1 Metal washer  x8	**W2** Anchor  x8	**W3** Screw  x8	

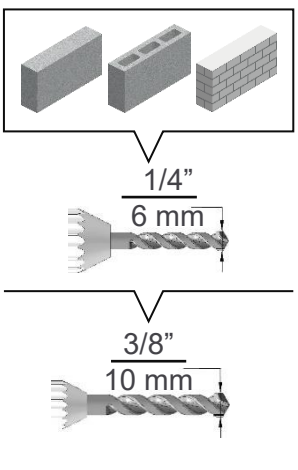


#	M	L mm	L inch	pcs
Z1	6	16	5/8	4
Z2	6	25	1	4
Z3	8	25	1	4
Z4	8	45	1 3/4	4

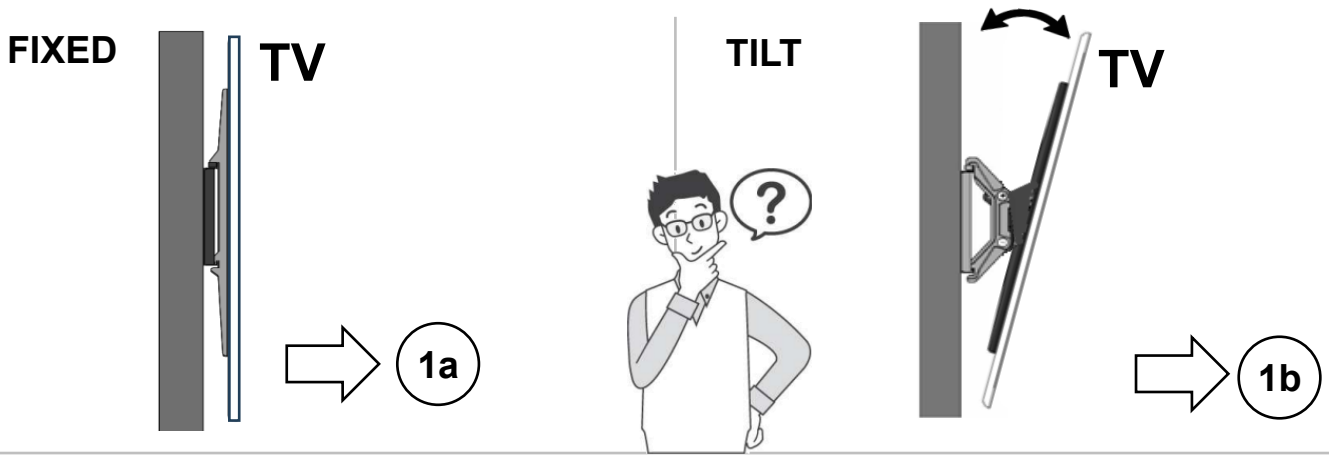
Required Tools



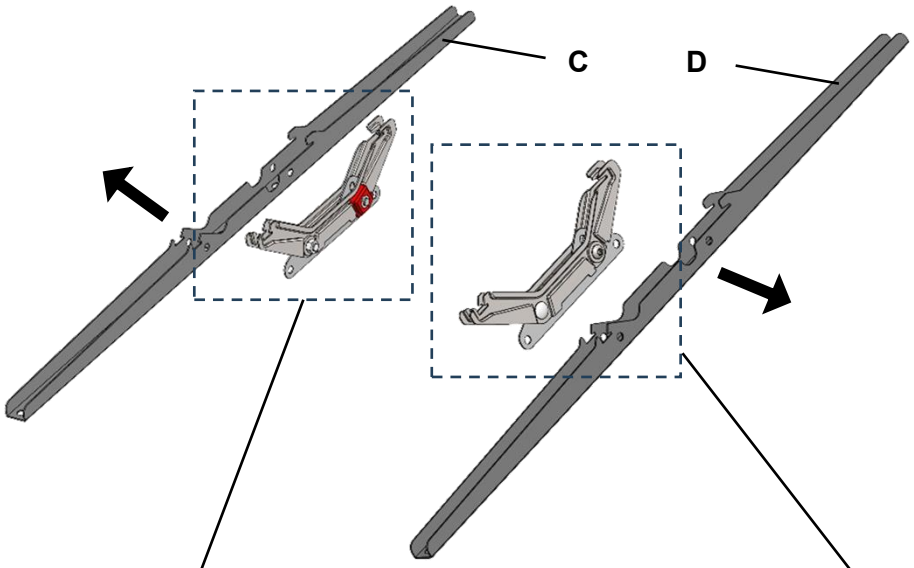


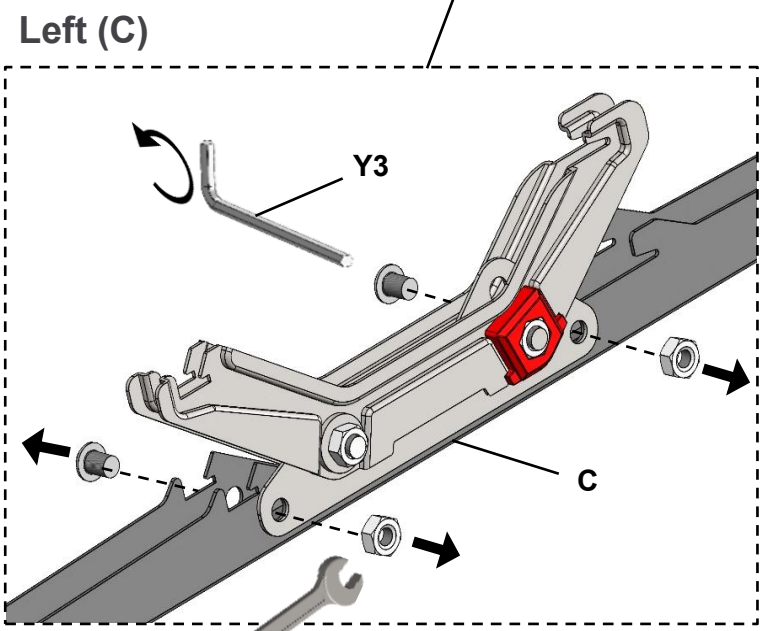


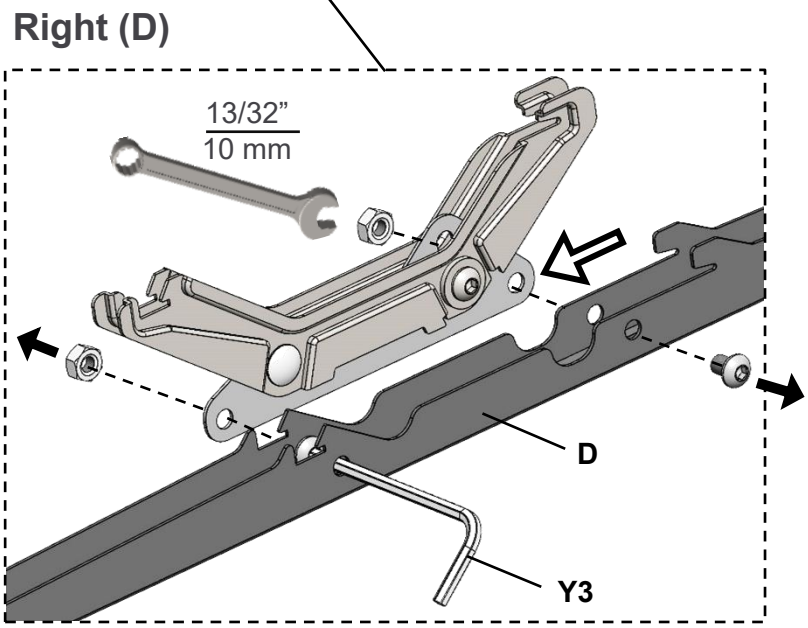
1 Follow the steps according to desired installation- tilt or fixed.



1a For fixed installation remove tilt mechanism. First remove screw and nuts from TV rails **C** and **D** using Allen key **Y3**, then disassemble the tilt mechanism.

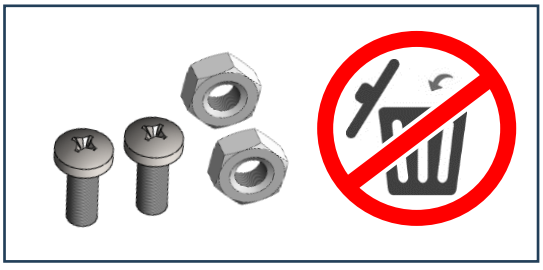


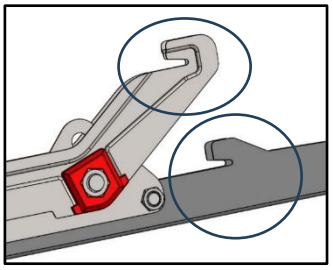




13/32”
10 mm

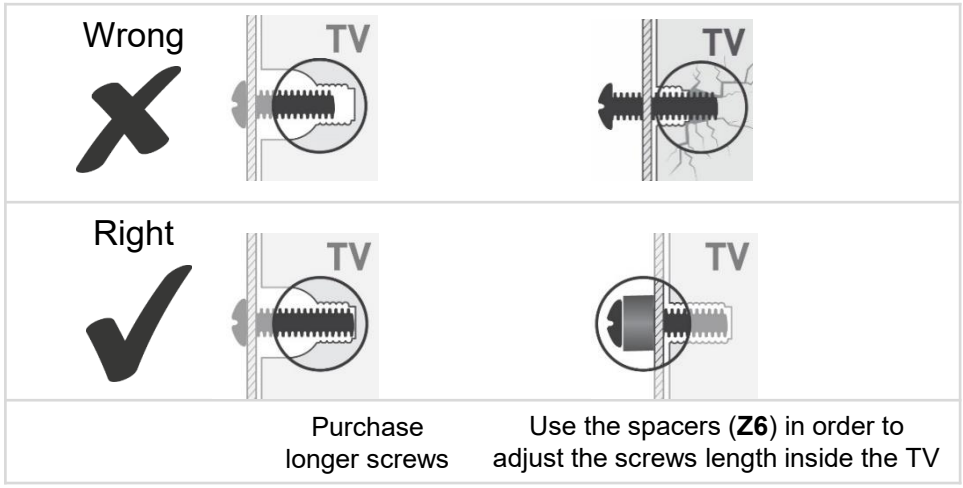
Please keep the screws and nuts for future assembly. Please Mind that the left and right rails has opposite assembly.



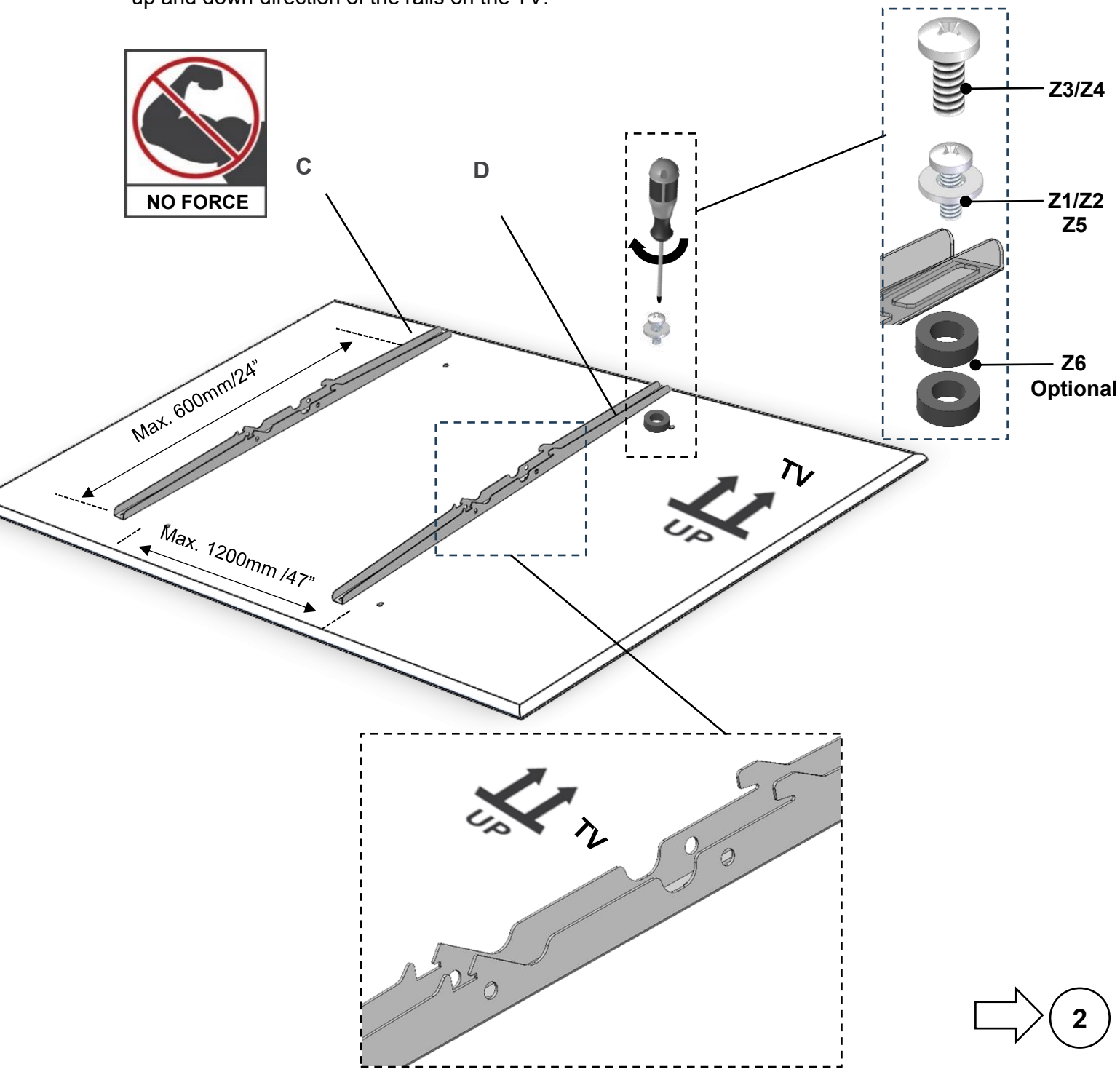


Connect the Vertical rails to the back of the TV



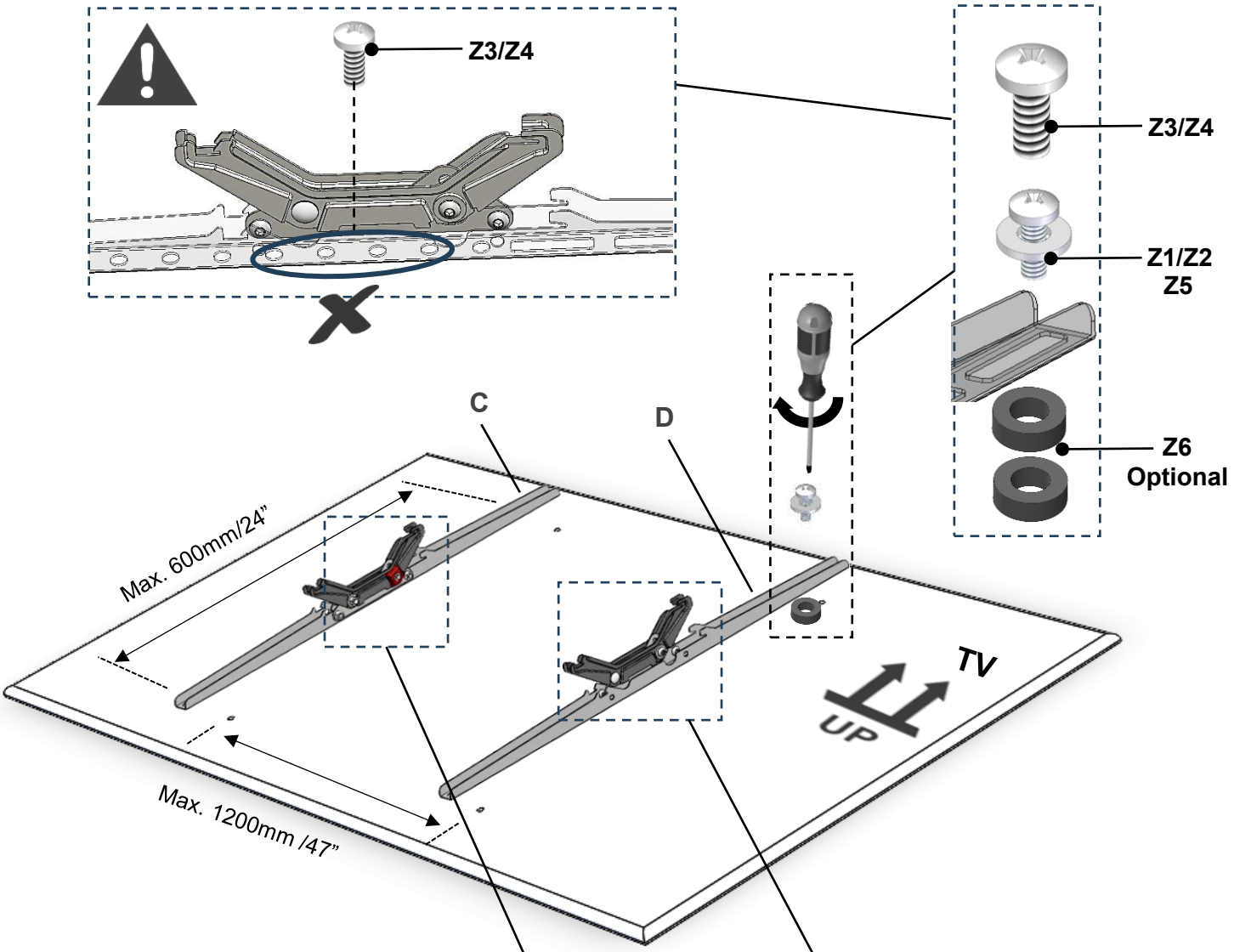


2a Connect the TV rails (**C** and **D**) to the back of TV at all 4 connection holes, while optionally placing the plastic spacers (**Z6**). Choose the screw that fits the TV's mounting holes diameter and depth. Mind the up and down direction of the rails on the TV.

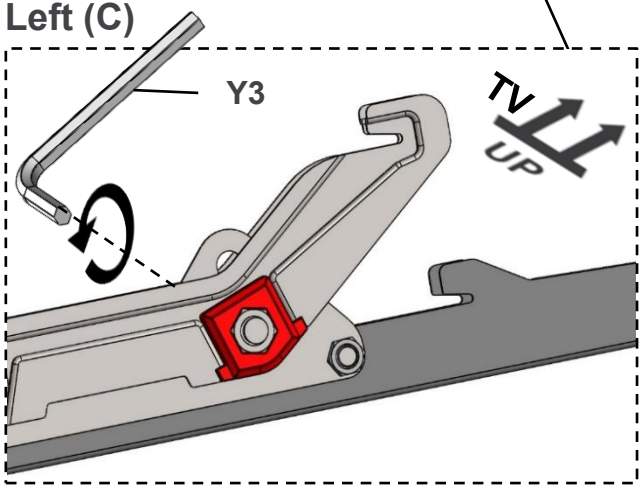


2

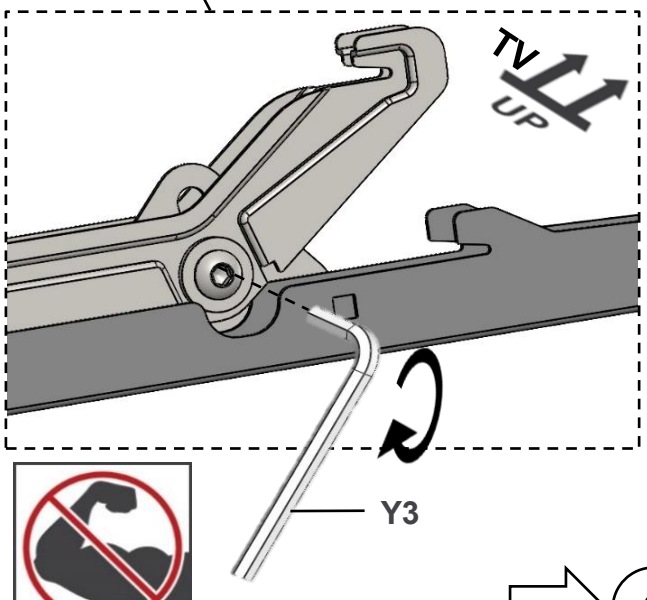
1b Connect the TV rails (**C** and **D**) to the back of TV at all 4 connection holes, while optionally placing the plastic spacers (**Z6**). Choose the screw that fits the TV's mounting holes diameter and depth. Mind the up / down and right / left direction of the rails on the TV. To adjust friction of the tilt mechanism, Tighten the screw using Allen key **Y3.**



Left (C)

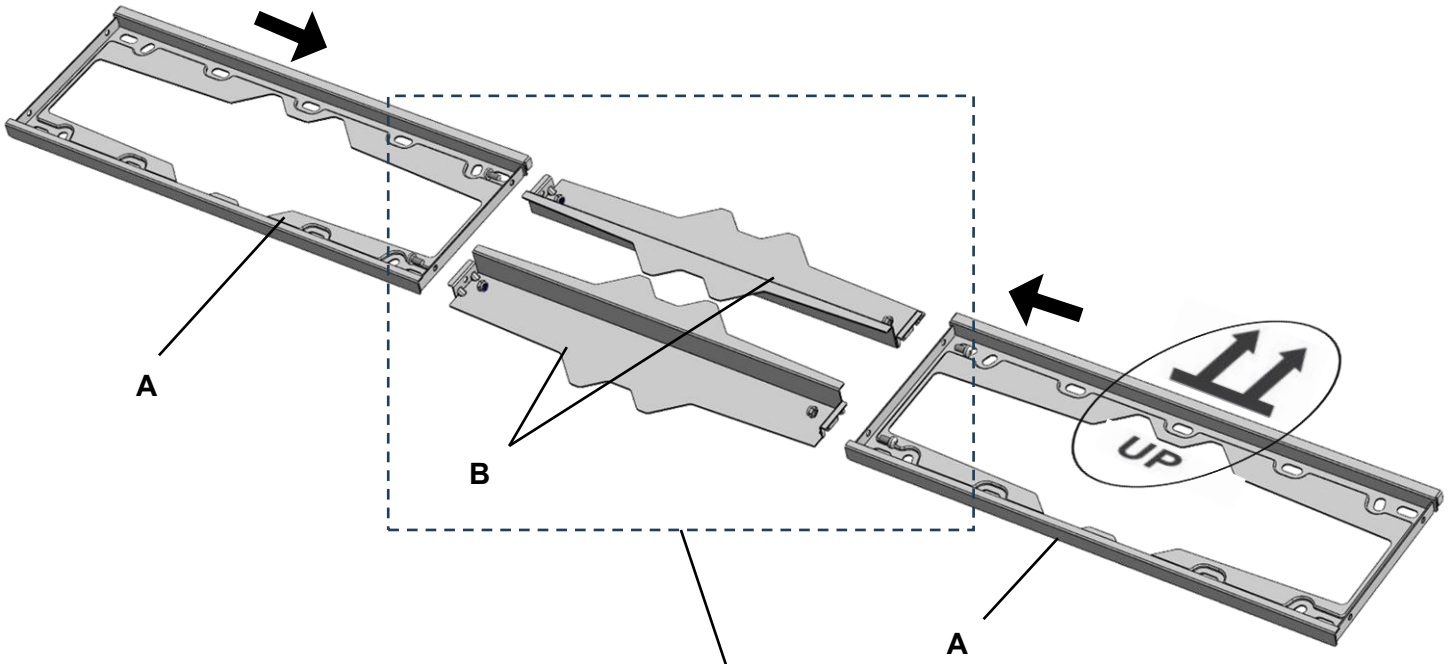


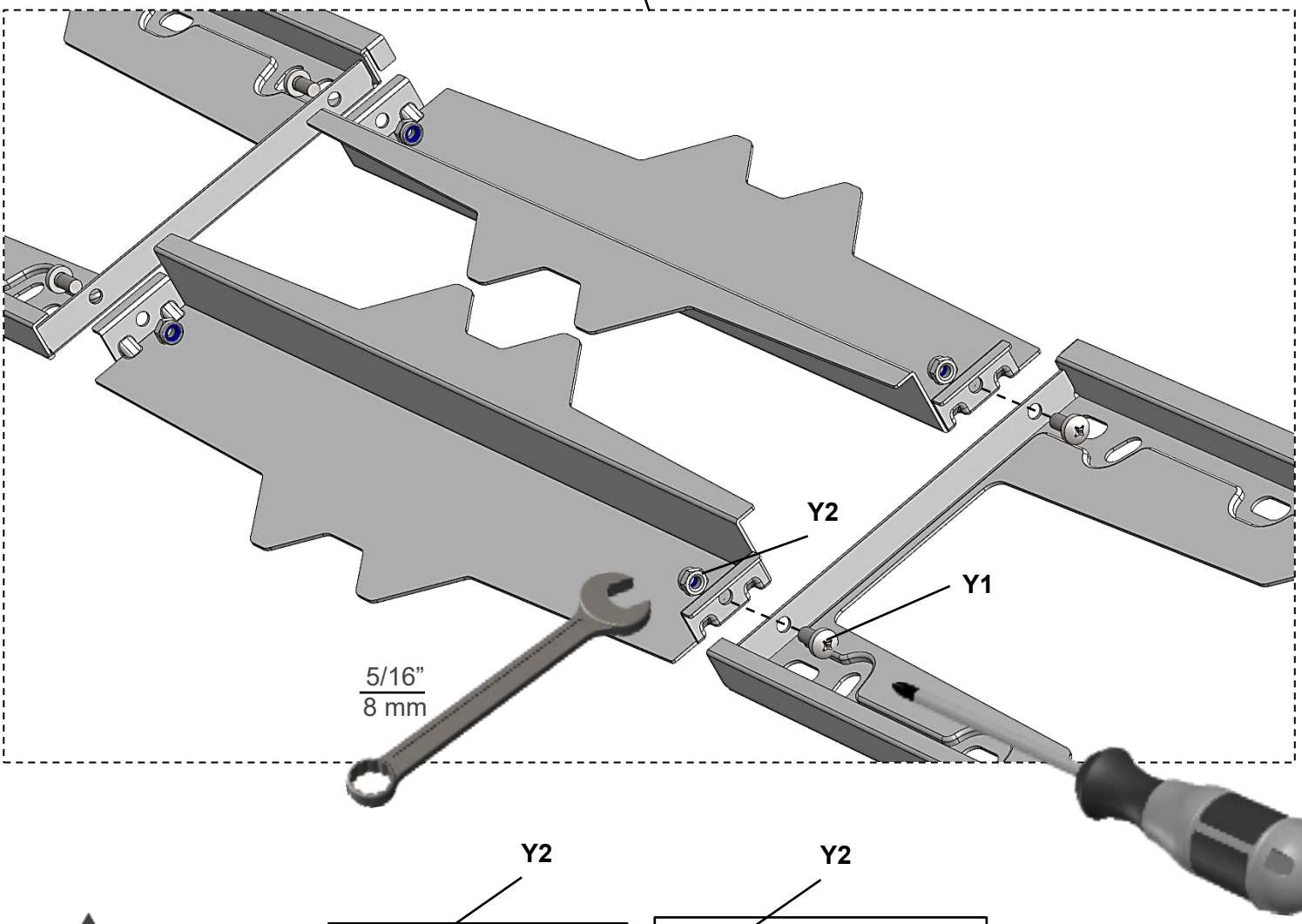
Right (D)



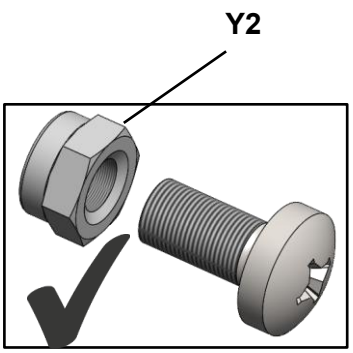
2

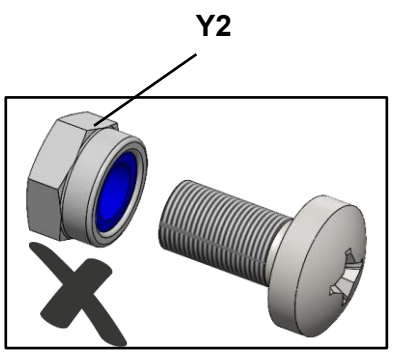
2 Assemble the 2 wall plates **A** using 2 connectors **B** on a flat surface.
Mind the 2 wall plates **A** are at the same orientation. Assemble with 4 screws **Y1** and nuts **Y2**.

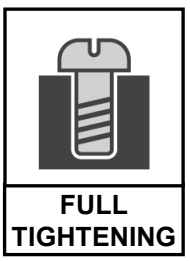




Mind the correct position of the nut before screwing.





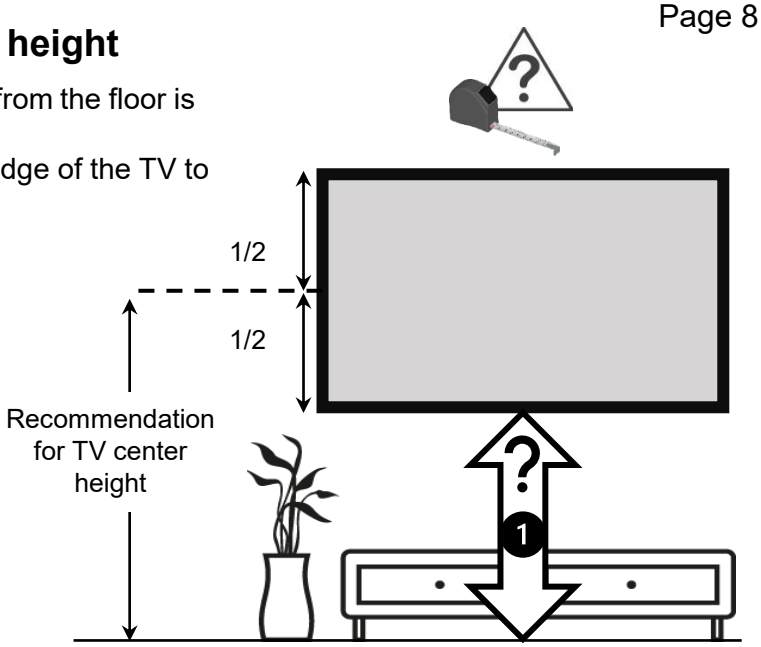


3 Determine the desired installation height

I

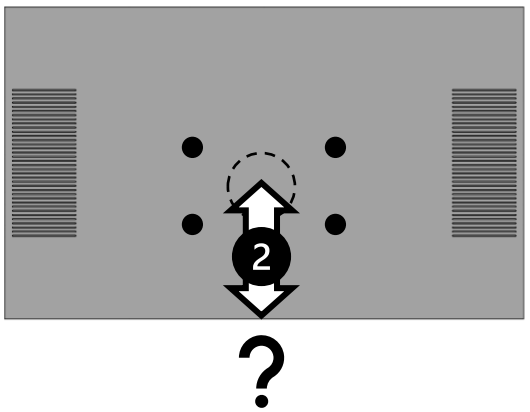
The recommended height of the screen center from the floor is detailed in table below.
Determine the distance - 1 from the bottom edge of the TV to the floor.

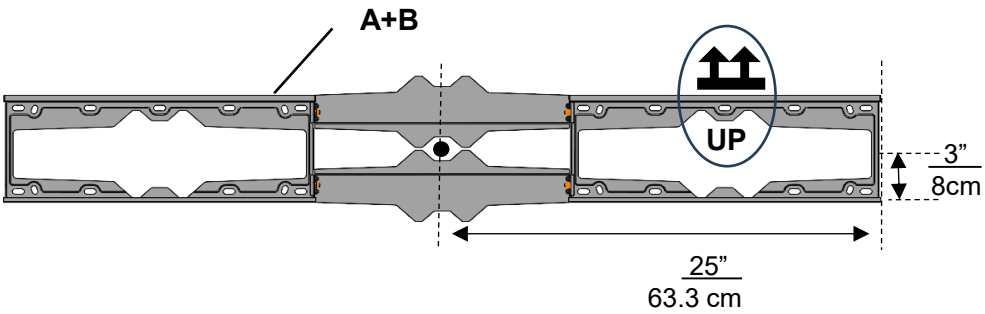
TV size	Recommendation for TV center height	
	Inch	Cm
55”-86”	43-47	110-120
90”-115”	45-49	115-125



II

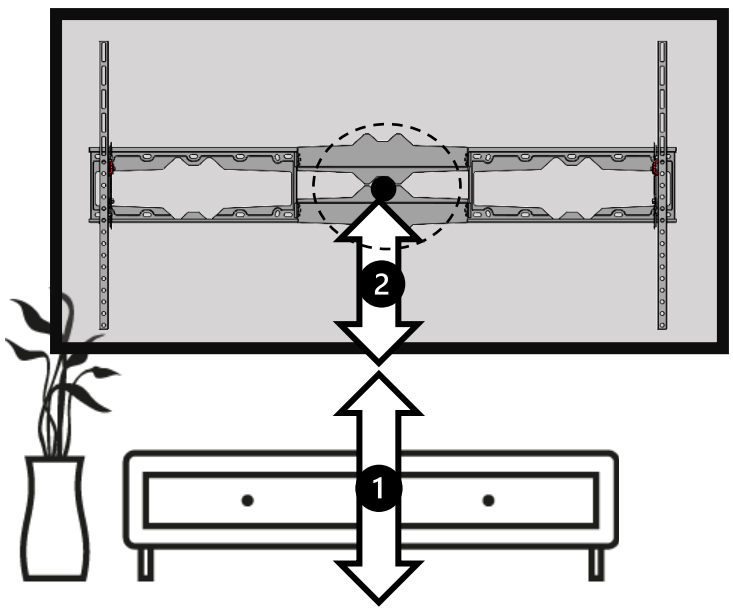
Determine the distance- 2 from thecenter of the back screen mounting holes to the bottom edge of the TV. Note, the center of the TV back screen mounting holes is usually different from the center of the entire screen





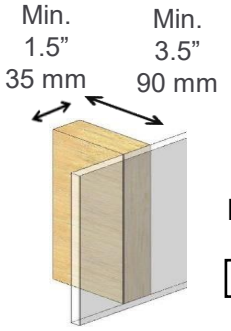
III

Position the center hole of the wall plate(**A+B**), at the distance from the floor that equals the sum of the combined distances of 1 and 2 On the wall, mark the center of the back screen mounting holes.



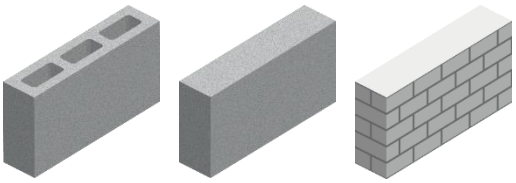
https://www.barkanmounts.com/faq

4 Follow the steps according to your wall type



Drywall with wood studs. → 4a

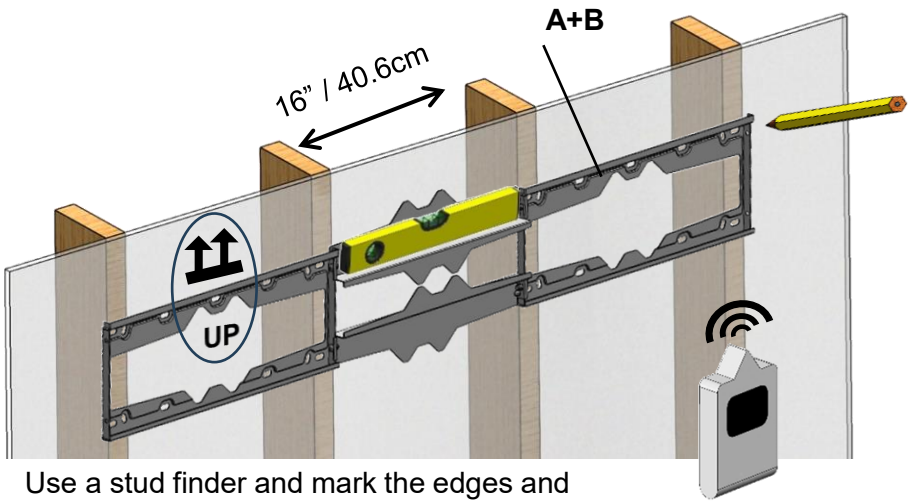




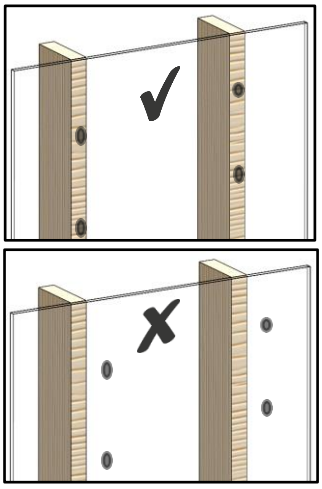
Concrete wall/ Concrete block → 4b

4a

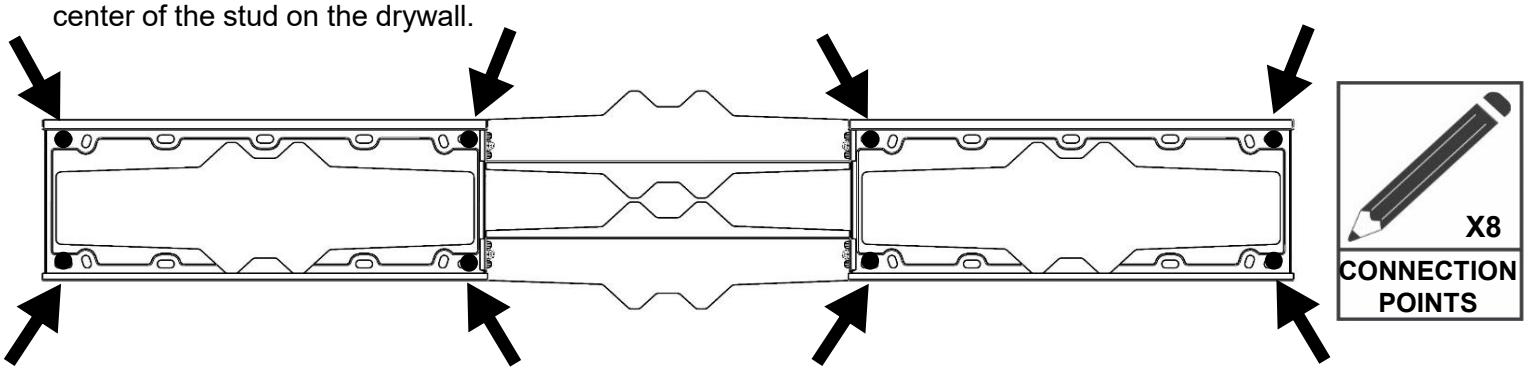
Mark the holes of wall plate assembly **A+B** on the wall according to the required height, **place a level on the flat surface of the top connector**.



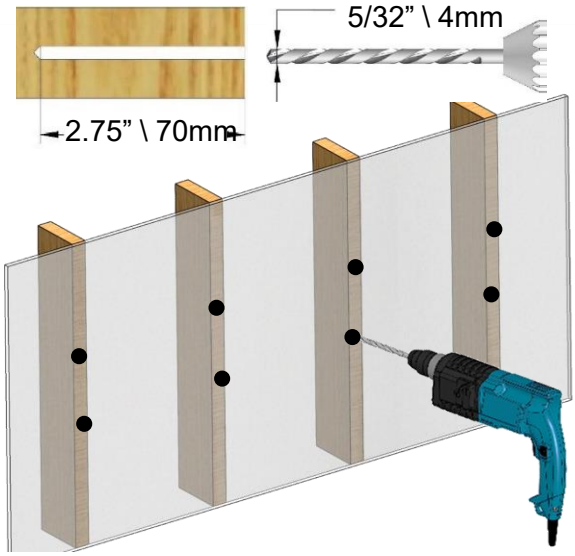
Use a stud finder and mark the edges and center of the stud on the drywall.



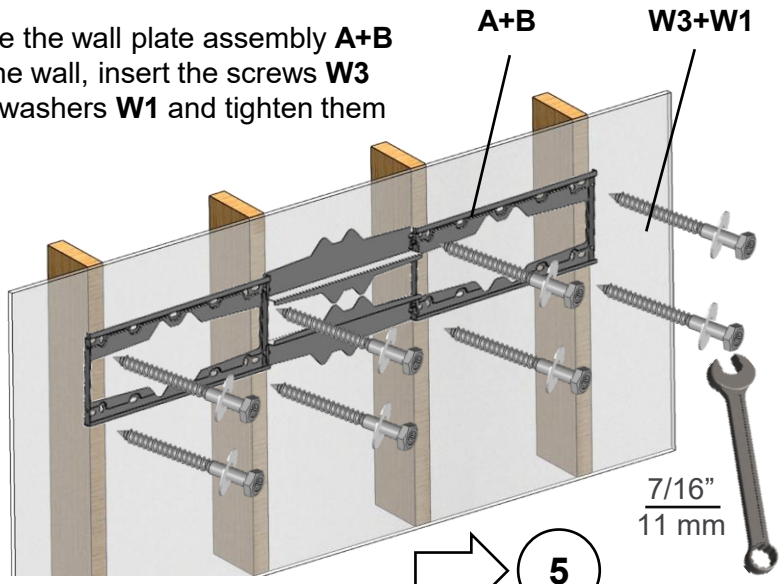
Make sure all holes are inside the studs



Drill with 5/32” \ 4mm wood drill bit

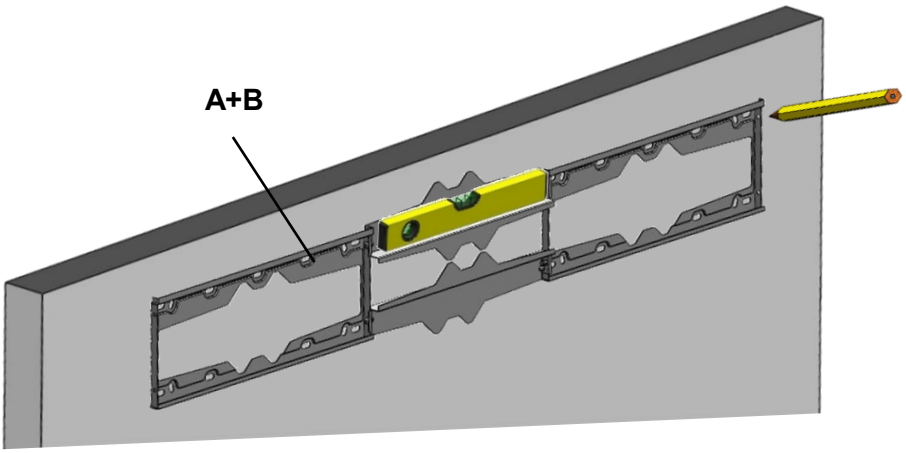


Place the wall plate assembly **A+B** on the wall, insert the screws **W3** and washers **W1** and tighten them

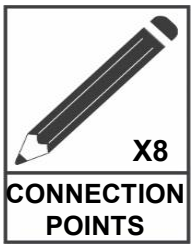


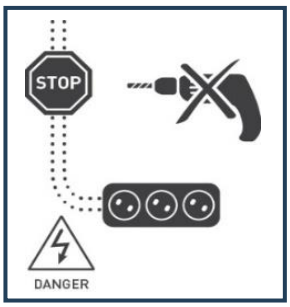
→ 5

4b Mark the holes of wall plate assembly **A+B** on the wall according to the required height, **place a level on the flat surface of the top connector**.

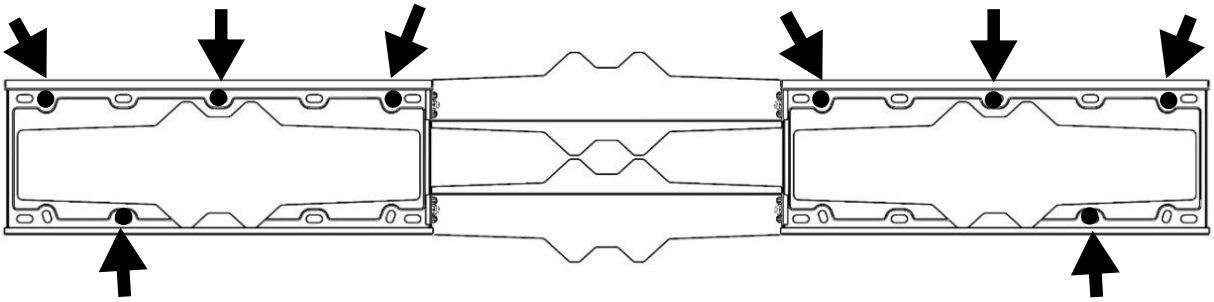


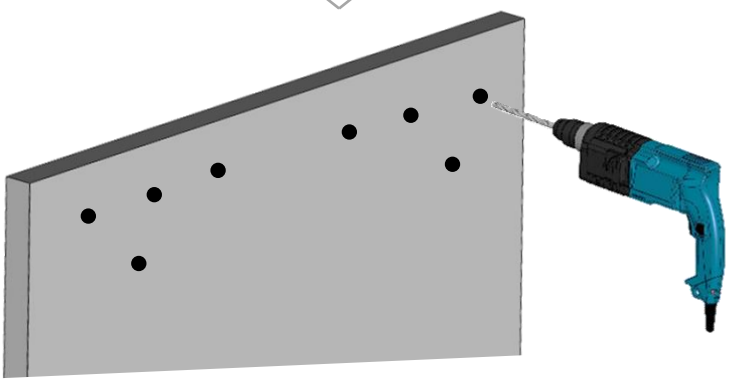
Be careful not to drill into water pipes or electricity lines!



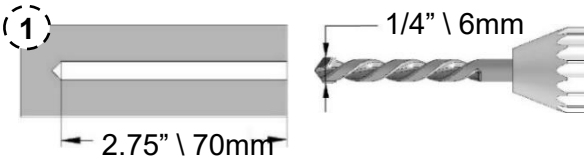




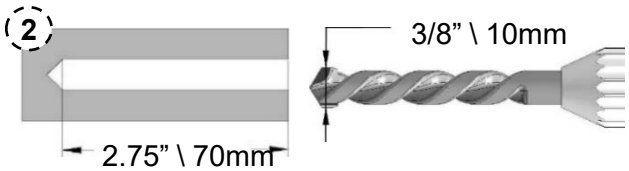


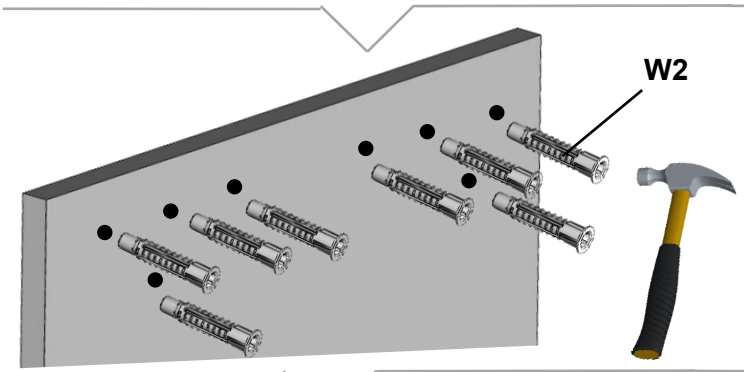


First use 1/4" \ 6mm drill bit

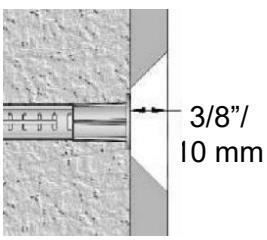


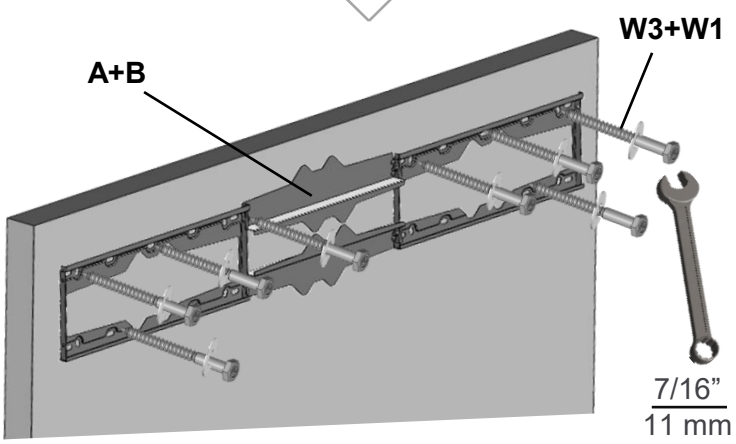
Afterwards use 3/8" \ 10mm drill bit



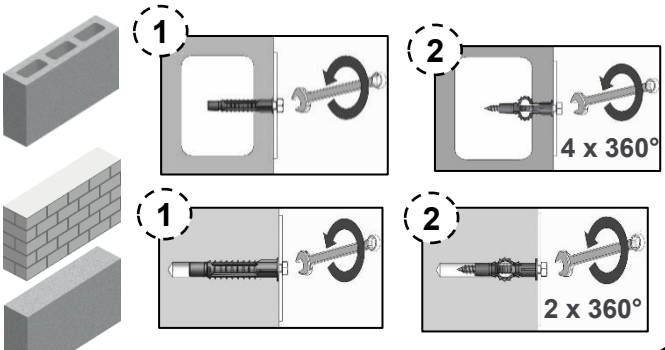


The anchor **W2** must be sunk at least 3/8"/10 mm into the plaster coating.



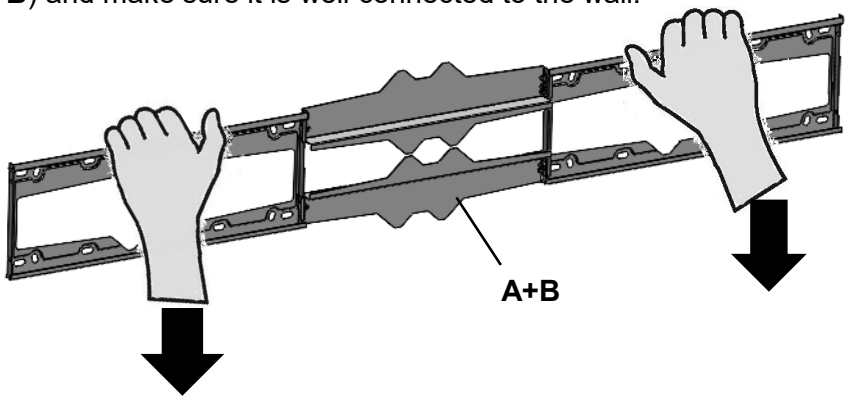


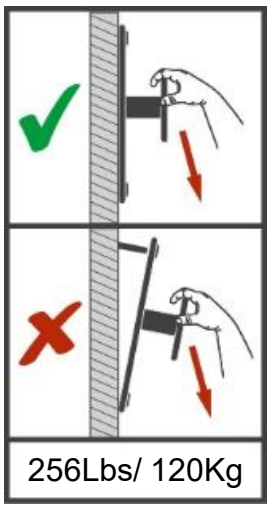
Place the wall plate assembly **A+B** on the wall, insert the screws **W3** and washers **W1** and tighten them.



5 Weight test

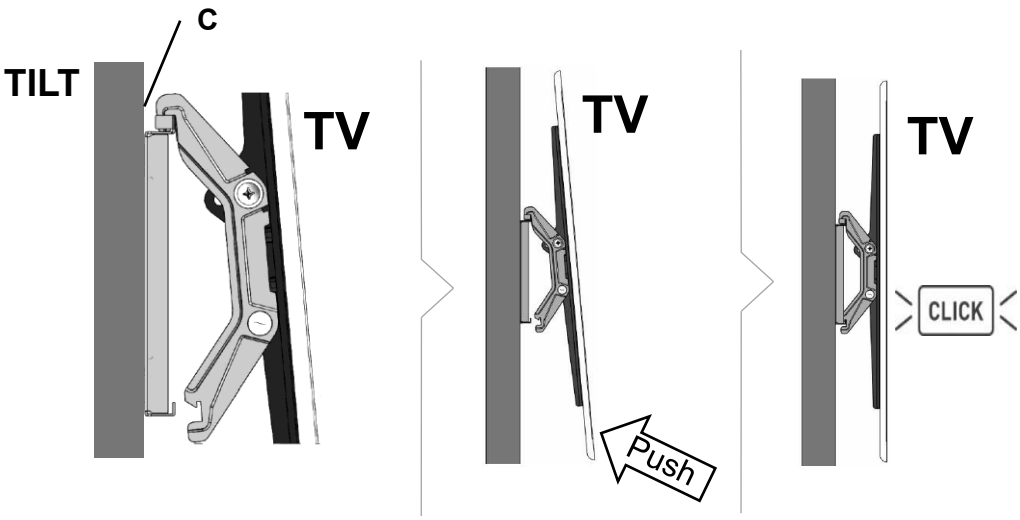
Apply force on the upper part of the wall plate assembly (**A+B**) and make sure it is well connected to the wall.



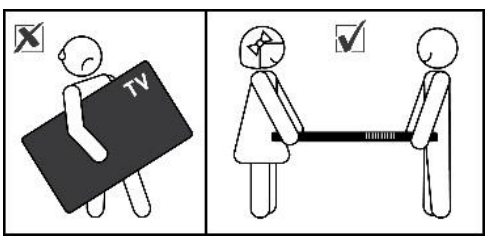


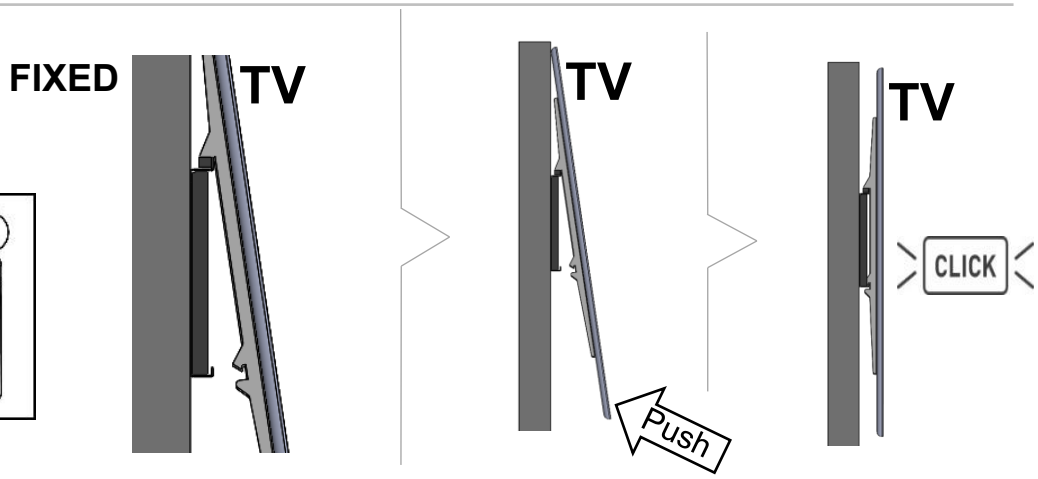
6

Hang the TV on the wall plate by hooking the upper part of the vertical rails on the wall plate. Then gently push TV upwards and towards the wall until both rails lock into place.





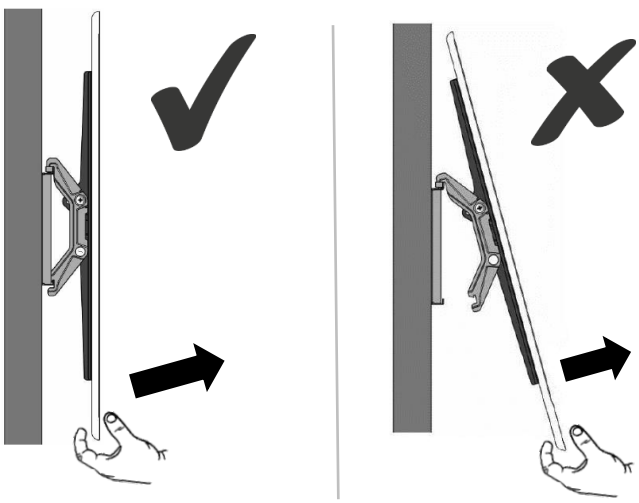




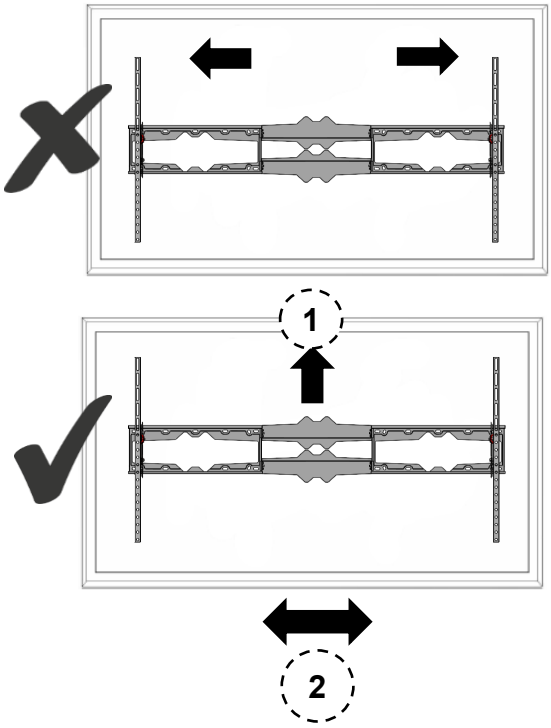
7

For Tilt & Fixed - Test if the auto-lock mechanism is functioning by gently pulling the TV outwards.



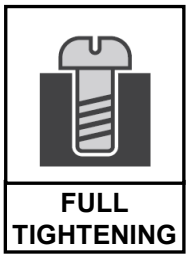


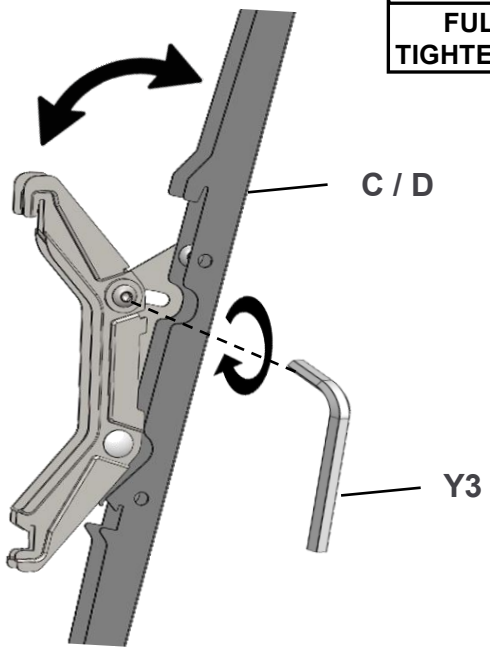
8 To adjust the left-right position of the TV, first gently lift the screen and then slide it to the desired position. Max. Left-right adjustment range is detailed in the table below.



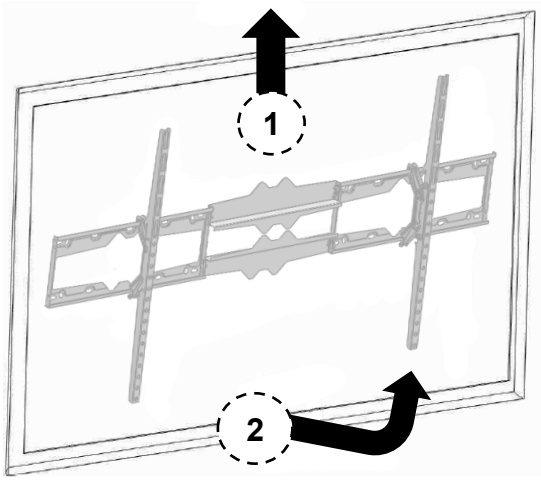
Width (mm)	TV Left-right adjustment range from center position	
	Inch	cm
600	±3.6	±9.3
800	±7.5	±19
1000	±5.1	±13
1100	±3.1	±8

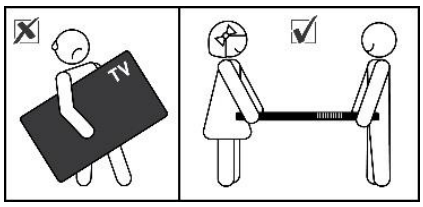
9 To adjust friction for the tilt mechanism, Tighten the screw using Allen key **Y3**.

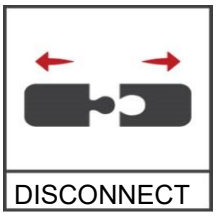




10 To disconnect the TV, pull gently up and out.





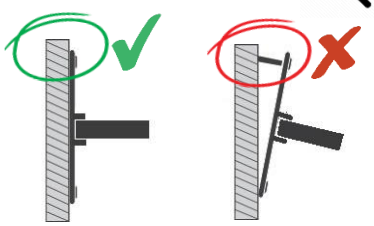


11

Biannual safety inspection



Secured to wall



Tightened bolts

