

⚠ Caution

Check before the installation

- _This product is only for indoor use. Please do not use this product outside.
- _As this product can be installed by strong tension force between contact surfaces, there might be some traces of the attachment left on the contact surfaces.
- _In case the stapler to the boards or wood screw to the veneers are used, there remains traces of the attachment. Please use those tools to the contact surfaces where you do not care the traces.
- _Please do not install this product near fire, near heat source, at high temperature, outdoors, in direct sunlight, at high humidity like bathroom or place to get water.
- _Please do not install this product around the valuables, dangerous substances any fragile items or over the combustion appliances, heat generations, faucets or over the places where there are daily persons as a precaution.
- _Please install this product vertically to the contact surfaces.
- _Please do not disassemble or convert this product for safety reason.
- _Please install this product within the indicated length range.
- _Please use the Large Round Caps in case of vertical installation.
- _Please tighten the Brass Screw firmly. If not, there is the cause of the dropping / turnover of the rod.
- _Please check that this product is tightly fixed after the installation.

Check after the installation

- _Please do not use this product as hand rails or barriers on purpose to protect the body. Also, please do not use this product deviating from the correct usage.
- _Exponential load, strong pulling out, shaking, hanging on this product is the cause of the drop of this product to the physical damage.
- _Please do not drape or put hazardous materials, valuables, fragile items or dangerous items on / around this product.
- _Please use this product within the indicated withstand weights. The indicated withstand weights are the result of our withstand weight test in our laboratory and not the figures to guarantee.
- _A couple of days after the installation, please check the tension force. If the tension force is not enough, please increase the tension force by turning the Rotary Knob.
- _The surface coating might get flawed depending on the usage method.
- _The plastic components could be deteriorated by the adherence of the oil solution or the ultraviolet ray.
- _Please regularly inspect this product whether there is no deformation, no damage or no crack. If some abnormality is found, please stop to use this product.
- _Clean taints with the diluted neutral detergent and wipe off the taints without the detergent left on this product. If scrubbing brush or abrading agent is used, the surface of this product could be scratched.
- _In case antirust agent is found on this product, please wipe off the agent before installing this product.
- _Adherence of Aromatic substance, refresher, cosmetics, hair dressing, acid detergent, alkali detergent, oil solution or organic solvent (benzene, thinner) to this product would be a cause of the property change / degradation. In case such the material attach to this product, please clear it immediately.
- _No guarantee against damage or accident from the Force Majeure such as nature hazard, aged deterioration or improper usage.

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MATERIAL	
Pole:	Steel / Epoxy Powder Coating
Resin Portion:	ABS / EVA
Screw:	Brass / Steel / ABS
Stapler Needle:	Stainless

DESIGNED IN JAPAN / MADE IN CHINA 240117P

Specification

Tension Rod A

Indoor Use only

Installation Length	75~115cm / 30 Inch ~ 45 Inch	
Withstand Weigh	Horizontal Installation	Large Round Cap 25~15kg / 55lb ~ 33lb Small Round Cap 20~10kg / 44lb ~ 22lb
	Vertical Installation	Large Round Cap 10kg / 22lb

Tension Rod B

Indoor Use only

Installation Length	115~190cm / 45 Inch ~ 74.8 Inch	
Withstand Weigh	Horizontal Installation	Large Round Cap 15~5kg / 33lb ~ 11lb Small Round Cap 10~2.5kg / 22lb ~ 5.5lb
	Vertical Installation	Large Round Cap 10kg / 22lb

- _In case of installing this product vertically, please use the Large Round Caps.
- _The withstand weights could be reduced depending on the tension force, installation length or the material / construction state of the contact surfaces where this product is installed
- _The indicated withstand weights are the result of our withstand weight test in our laboratory and not the figures to guarantee

Contact Surface for Installation

Horizontal Installation

- Adequate Strength Surface such as concrete wall / pillar
- ✗ The surfaces which are inclined, inflected or unlevelled.

Vertical Installation

- Adequate Strength Surface such as Concrete.
- ✗ Inclined surface, straw mat / carpet, fragile ceiling surface, unfixed desk / table.



DRAW A LINE

001 Tension Rod A 002 Tension Rod B

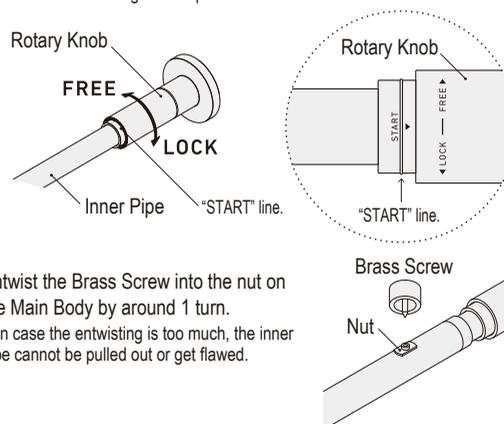
Manual Instruction



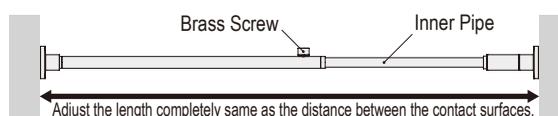
Installation Method

● Horizontal Installation

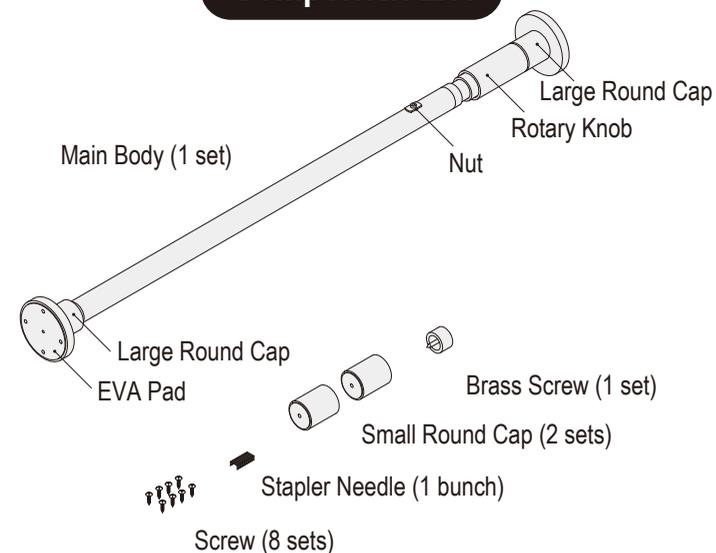
- 1 Check that the contact surface is suitable. (Please refer the "Contact Surface for installation" on p.2)
- 2 Turn the Rotary Knob to the direction of "LOCK" to check whether the Rotary Knob can work and then turn the Rotary Knob back to the direction of "FREE" until the edge of the Rotary Knob is on the position of "START" line.
*In case the Rotary Knob is turned back too much over the "START" line, it would be the cause of the damage of this product.



- 3 Entwist the Brass Screw into the nut on the Main Body by around 1 turn.
*In case the entwisting is too much, the inner pipe cannot be pulled out or get flawed.
- 4 Draw out the inner pipe to the full distance between the contact surfaces and turn the Brass Screw into the pipes tightly so that the length can be fixed by the penetration into the Inner Pipe.



Component List

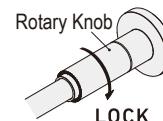


Please check that all the components are included. It is easier to assemble this product by setting out these components before assembling.

Appearance Conditions

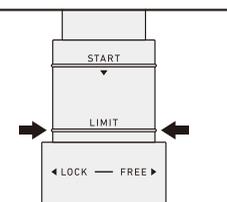
- _The brass is not coated but ground color. The more this product is used, the more the color is changed.
 - _The Steel surface is matt finish in order to create a distinctive texture. When some hard tip touch the surface, the surface get flawed.
 - _As the Brass Screw penetrate into the pipes to fix the length of this product, the pipes get holes.
- Please enjoy the aging deterioration with your life.

- 5 Turn the Rotary Knob to the direction of "LOCK" by 1~3 turns as a tentative fix.
- 6 Adjust the round cap positions on both ends to set the rod vertical to the installation surfaces.
- 7 Further, by checking that the installation surfaces cannot be damaged, turn the Rotary Knob to the direction of "LOCK" to fix this product by tension force.
- 8 Check that this product is firmly and correctly installed before using this product.



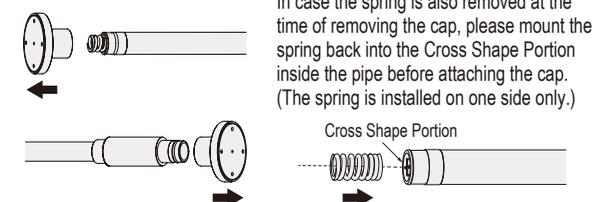
⚠ Caution

In case the Rotary Knob exceed the "LIMIT" line, the installation method might be wrong or the installation contact surfaces might not be correct. Please check the strength of the installation contact surfaces again and start from the initial step to install.



Method for switching to Small Round Cap

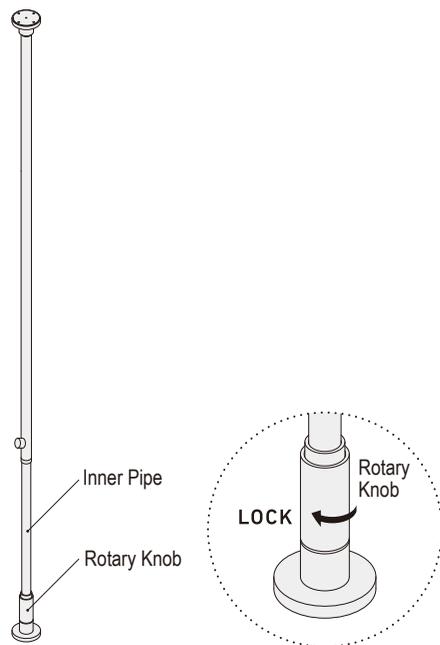
Pull and remove the Large Round Caps on both ends and switch to Small Round Caps.



Installation Method

● Vertical Installation

Installation Method is same as "Horizontal Installation"
Please locate the Inner Pipe on the downside.
Please install the rod to the vertical to the installation contact surface.



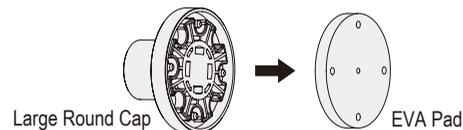
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Installation Method

● Supplement

In case this product is installed between boards or between veneers, the withstand weight can be reduced. In case the staplers to the boards or wood screws to the veneers are used, the installation become stable. However, there remain traces of the attachment so that please use those tools to the contact surface where you do not care the traces.

- 1 Remove EVA Pads from the caps and loose the brass screw on the main body until the inner pipe could be pulled out smoothly.

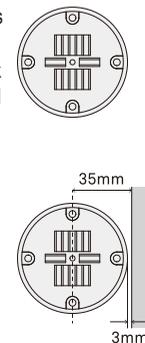


- 2 Touch the EVA Pads to the installation contact surfaces to decide the position to install. Please make sure that the height from the floor and the distance from the back wall should be respectively equal between the right and the left side.

*The direction of EVA Pads should be same as the drawing on the right.

In case of installing EVA Pads sticking to the back wall, please install the EVA Pads whose centers have 35mm distance from the back wall.

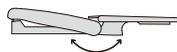
There is 3mm gap between the back wall and each EVA Pad.



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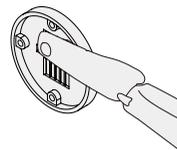
<Installation between plasterboards>

Please prepare the stapler which opens by more than 180 degree. (The stapler which is not open by more than 180 degree cannot be used.)

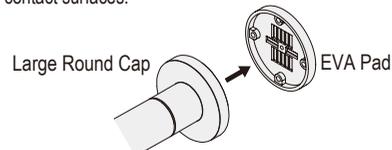
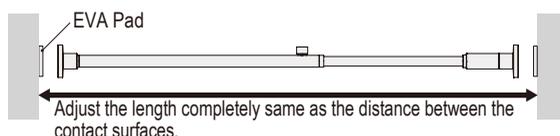


*In case the accompanying needles become short, please prepare the needles of size 10. (Recommendable material is Stainless)

- 3 Open the stapler by 180 degree and staple the needles to the concave portion one by one while supporting the EVA Pads to the contact surfaces firmly. Please set the stapler horizontally to the contact surfaces to staple the needles vertically to the contact surfaces. Please staple the needles firmly.



- 4 Pull out the Inner Pipe and fit the caps into the EVA Pads mounted on the both contact surfaces. (Please find out the suitable position to fit the caps into the EVA Pads by rotating the caps.)



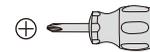
- 5 Tighten the Brass Screw firmly into the Inner Pipe while keeping the both end caps to touch the contact surfaces. The length can be fixed by penetration into the Inner Pipe.

- 6 Turn the Rotary Knob to the direction of "LOCK" to fix firmly by tension force while checking that the installation contact surfaces cannot be damaged. (Please refer the drawing of 5. on P.4 as for the direction to the rotation.) Please take care not to exceed the "LIMIT" line.

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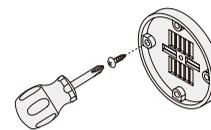
<Installation between veneers>

Prepare #2 cross slot screw driver.

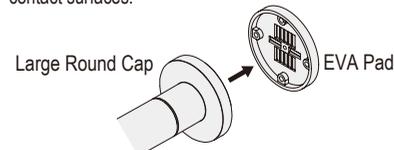
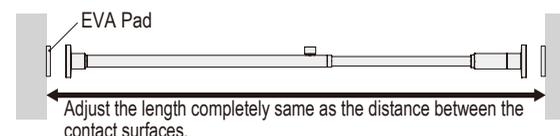


- 3 Fix the EVA Pads with the accompanying screws while keeping the EVA pads to touch the contact surfaces

*In case of screwing up too much, the holes on the contact surfaces become big to the cause of idling. Please tight up the screws to the extent that the screws head does not float.



- 4 Pull out the Inner Pipe and fit the caps into the EVA Pads mounted on the both contact surfaces. (Please find out the suitable position to fit the caps into the EVA Pads by rotating the caps.)



- 5 Screw up the Brass Screw firmly into the Inner Pipe while keeping the both end caps to touch the contact surfaces. The length can be fixed by penetration into the Inner Pipe.

- 6 Turn the Rotary Knob to the direction of "LOCK" to fix firmly by tension force while checking that the installation contact surface couldn't be damaged. (Please refer the drawing of 5. on P.4 as for the direction to the rotation.) Please take care not to exceed the "LIMIT" line.

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