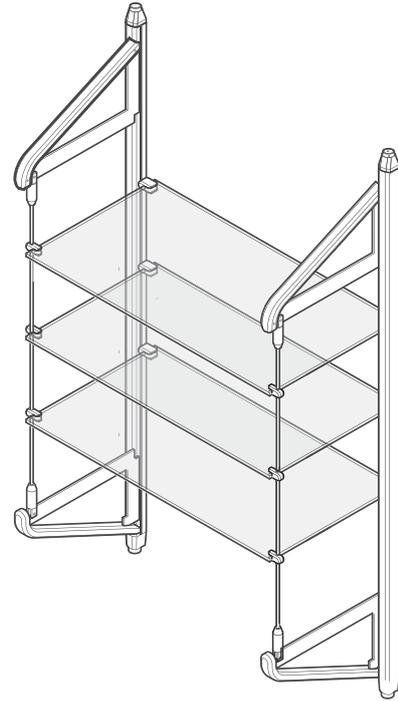


Thank you for selecting our product. Before starting installation, please read this manual thoroughly to ensure correct installation. Please keep this manual at hand for future reference.

### Meaning of symbols

 Warning Caution	 Prohibited	 Required
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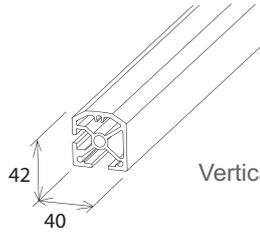
Load Capacity (N)	294 N / shelf	
Load Capacity (Kgf)	30 Kgf / shelf	
Glass thickness	8 or 10 mm	
Glass width	for 8 mm glass	Max. 1200 mm
	for 10 mm glass	Max. 1500 mm
Glass depth	400 mm - 450 mm	
Height of vertical frame	2000 - 2500 mm	



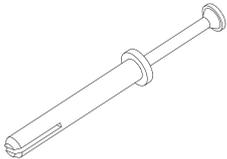
## 1 Component Parts (for four glass shelves)



Leveling leg : 4 pcs



Vertical Frame : 2 pcs (Length 2500 mm)



Fixing screw 8x75 : 4 pcs



Clamp XL-USO1-F20 : 8 pcs  
(with Hexagon socket set screw M4x6)



Hexagon socket head bolt  
M5x14 : 8 pcs



Fixing  $\phi 16$  : 4 pcs



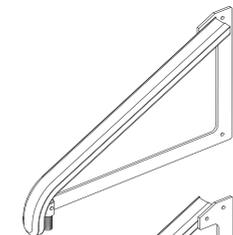
Clamp XL-USO1-B20 : 8 pcs  
(with Hexagon socket set screw M4x6)



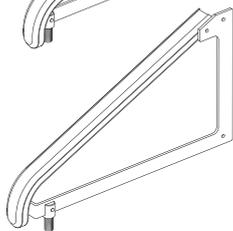
Square nut : 16 pcs



Hexagon socket countersunk  
head screw M6x20 : 8 pcs



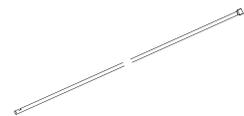
Bracket (L) : 2 pcs



Bracket (R) : 2 pcs



Rod fitting (top)  
( $\phi 20 \times 55$  mm) : 2 pcs



Rod : 2 pcs  
( $\phi 6 \times 1415$  mm)



Rod fitting (bottom)  
( $\phi 20 \times 55$  mm) : 2 pcs



Hexagon socket set screw  
M4x8 : 2 pcs



Square nut : 16 pcs



Rod fitting cover (bottom)  
( $\phi 25 \times 48$  mm) : 2 pcs

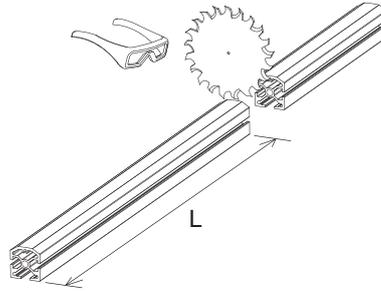


Hexagon socket set screw  
M4x4 : 4 pcs

## 2 Cutting Vertical Frame

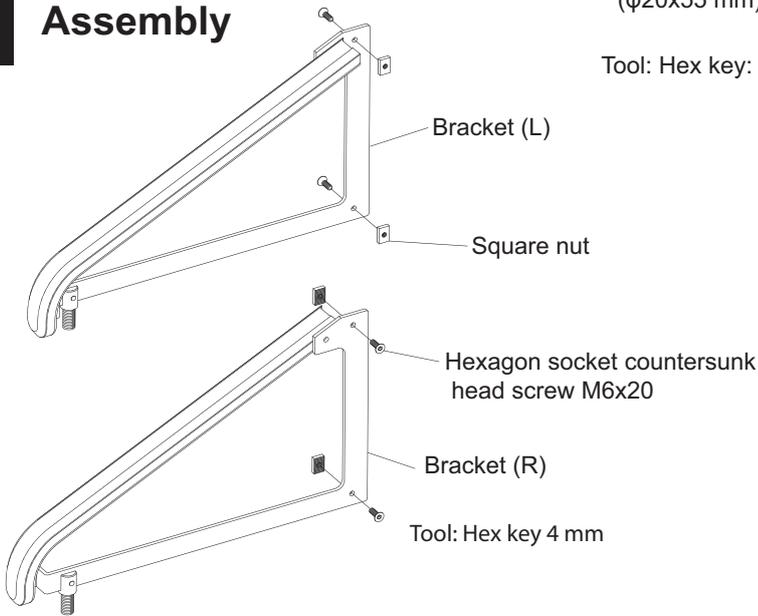
**Caution**  
Wear protective eyewear when cutting.

**Caution**  
Cut the frames at right angle. It may result in warp of shelving if the cutting is not correct.



L = Installation height - 100 mm  
(Floor - Ceiling mounting)  
L = Vertical frame length - 100 mm  
(Wall mounting)

## 3 Assembly



Rod fitting (top): 2 pcs  
( $\phi 20 \times 55$  mm)

Tool: Hex key: 2 mm

Hexagon socket set screw M4x8: 2 pcs  
Rod fitting cover (bottom)  
Rod fitting (bottom)

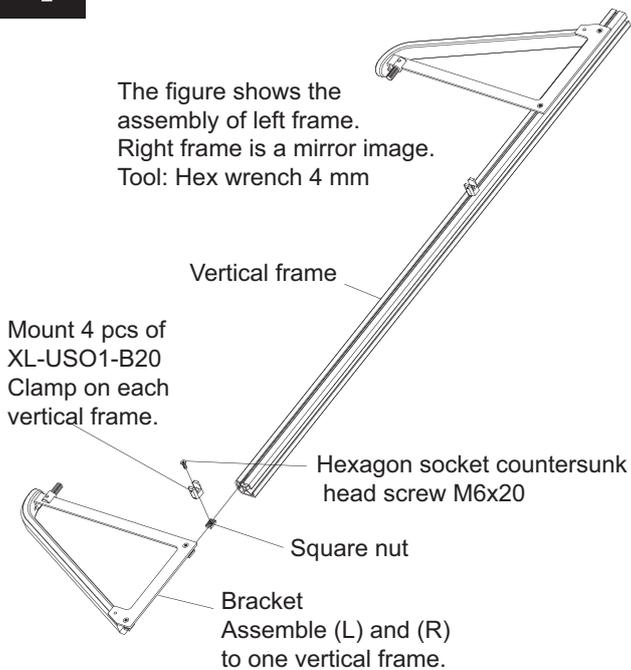
Groove

Rod

Note that the set screw on the rod fitting (top) must be fixed in the groove on the rod.

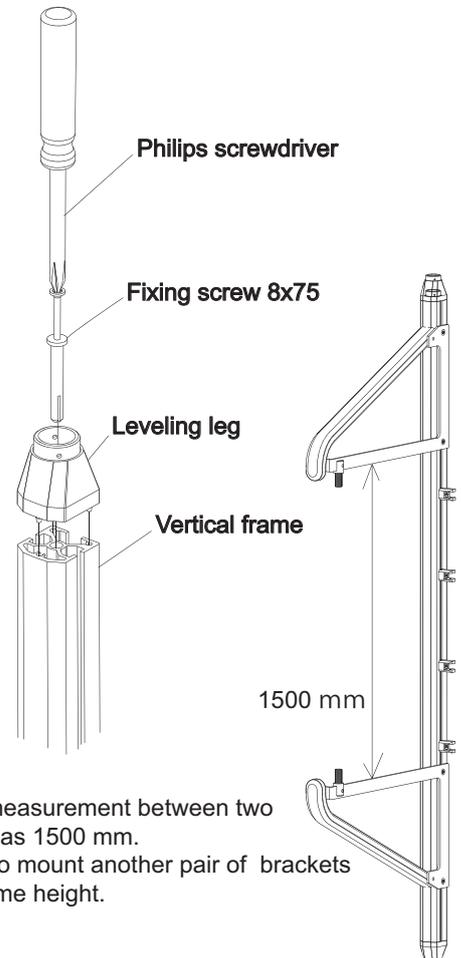
## 4 Assembly of Vertical Frame

The figure shows the assembly of left frame. Right frame is a mirror image.  
Tool: Hex wrench 4 mm



- (1) Couple leveling leg with vertical frame.
- (2) Fix leveling leg with fixing screw.

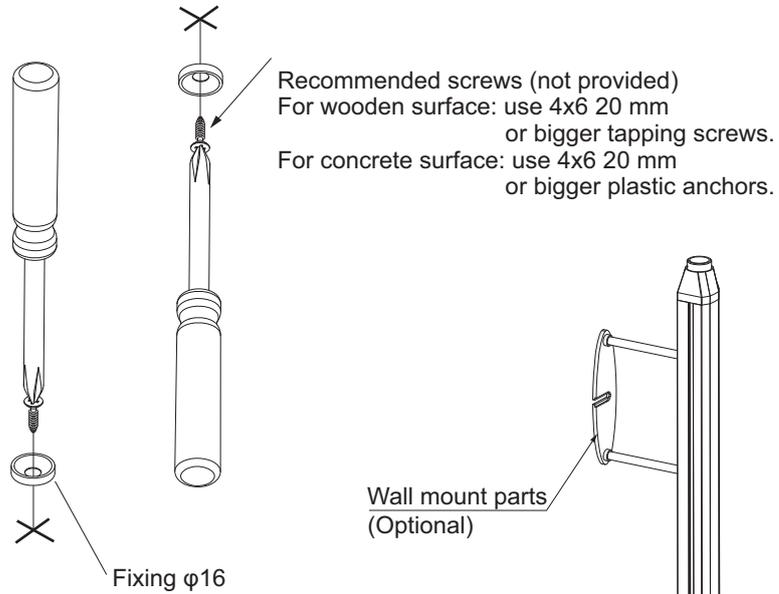
Fix leveling leg on another end, too.



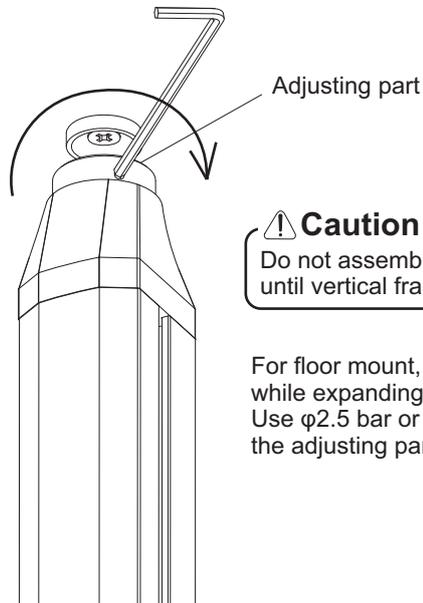
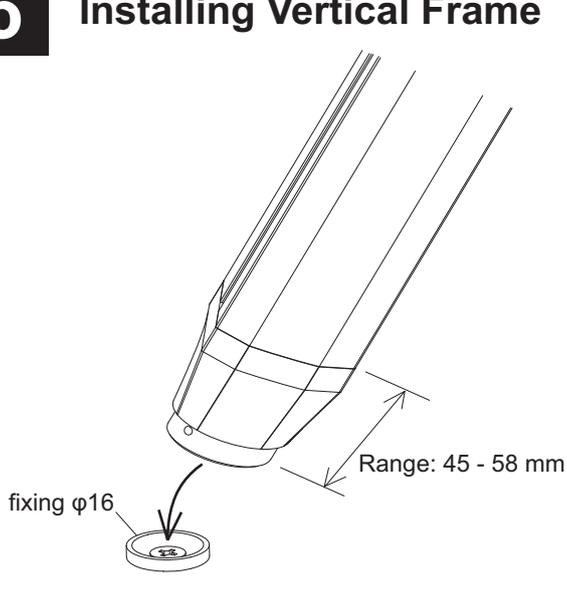
Set the measurement between two brackets as 1500 mm. Be sure to mount another pair of brackets at the same height.

## 5 Mount of fixing $\phi 16$

Wall mount  
Mount fixing only on the floor.  
Floor mount  
Mount fixing on the floor and the ceiling.



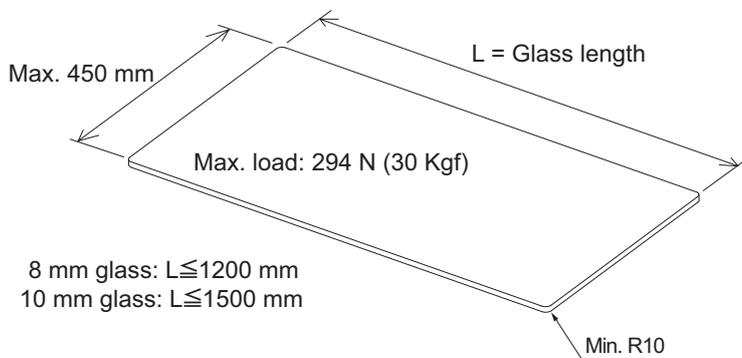
## 6 Installing Vertical Frame



**Caution**  
Do not assemble glass shelves until vertical frames are fixed.

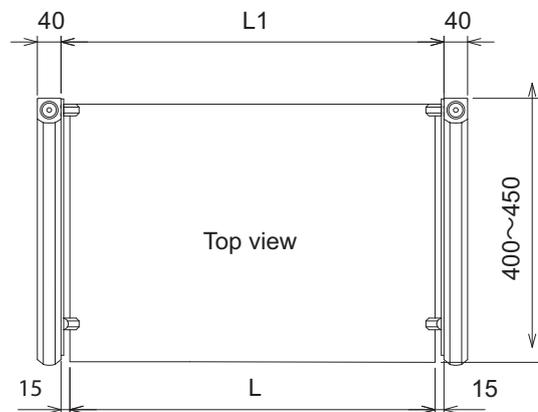
For floor mount, cover fixing  $\phi 16$  while expanding leveling leg.  
Use  $\phi 2.5$  bar or hex key to turn the adjusting part.

## 7 Preparation of Glass Shelves



8 mm glass:  $L \leq 1200$  mm  
10 mm glass:  $L \leq 1500$  mm

**Caution**  
Use tempered glass.

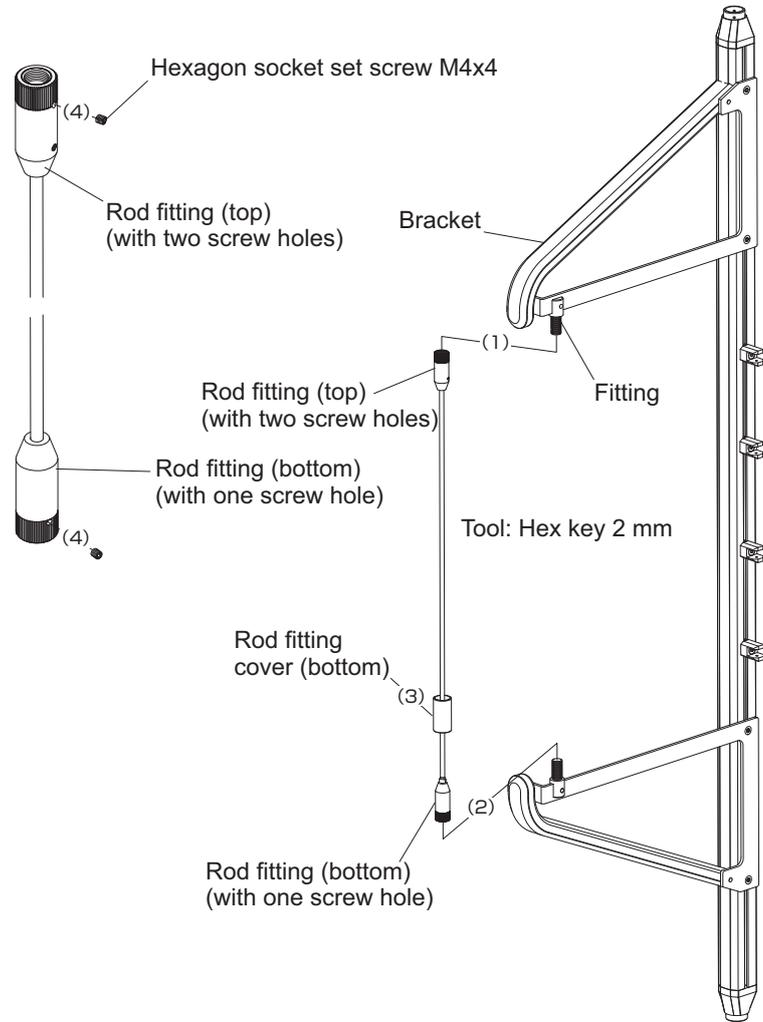


L (Glass length)  
= L1 (Measurement between vertical frames) - 30  
Prepare 4 glass plates.

# 8

## Assembling Rod

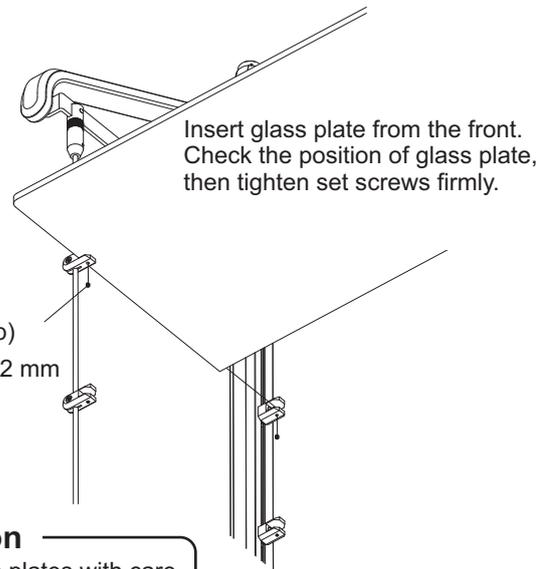
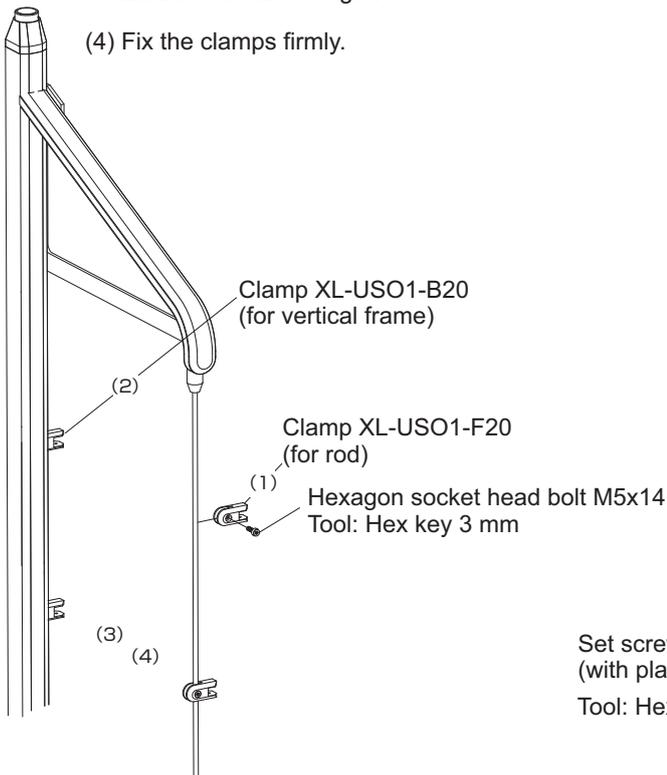
- (1) Screw rod fitting (top) into the fitting on bracket until it stops.
- (2) Screw rod fitting (bottom) into the fitting on lower bracket temporarily.
- (3) Assemble rod fitting cover (bottom) on rod fitting (bottom).
- (4) Insert set screw M4x4 into rod fitting (top) and rod fitting (bottom)



# 9

## Assembling glass plates

- (1) Clamp Fix XL-USO1-F20 on the rod temporarily.
- (2) Clamp Fix XL-USO1-B20 on the vertical frame temporarily.
- (3) Make sure that four clamps are fixed in the same height.
- (4) Fix the clamps firmly.



**Caution**  
Handle glass plates with care.

**SUGATSUNE KOGYO CO.,LTD.**  
Tokyo, JAPAN  
Phone: +81 (0)3 3866 2260  
E-mail: export@sugatsune.co.jp

**SUGATSUNE EUROPE GmbH**  
Düsseldorf, GERMANY  
Phone: +49 211 53812900  
E-mail: info@sugatsune.eu

**SUGATSUNE SHANGHAI Co., LTD.**  
Shanghai, CHINA  
Phone: +86 21 3632 1858  
E-mail: lamp@sugatsune.com.cn

**SUGATSUNE AMERICA, INC.**  
California, USA  
Phone: +1 310 329 6373  
E-mail: sales@sugatsune.com

**SUGATSUNE KOGYO (UK) LTD.**  
Reading, UK  
Phone: +44 118 9272 955  
E-mail: sales@sugatsune.co.uk

**SUGATSUNE KOGYO INDIA PRIVATE LIMITED**  
Mumbai, INDIA  
Phone: +91 22 28314490/91  
E-mail: sales@sugatsune.in

**Guangzhou, CHINA**  
Phone: +86 20 6639 3552  
E-mail: lamp@sugatsune.com.cn

**Chicago, USA**  
Phone: +1 312 461 1081  
E-mail: chicagoshowroom@sugatsune.com

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