

TOTO

## 铜合金壁式单柄双控暗装洗面器水嘴 外观部件

TLP02309型  
TLP02310型

为了能够发挥产品功能，请细读本安装说明书的内容，并正确地安装。安装后，请务必向客户仔细地说明使用方法。

## 1 安全上的注意事项 (为了安全起见，请务必遵守)

安装前，务请细读本「安全上的注意事项」的内容，并正确地安装。

- 为了安全、正确的使用产品，防止给您或者他人的人身及财产安全造成损失，此说明书采用了许多标志。各标志与含义如下：
- 需遵守的内容通过以下标志加以区分、说明。

	<b>警告</b> 此标志表示无视此标志的内容，进行误操作的话，可能导致人员死亡或重伤。
	<b>注意</b> 此标志表示无视此标志的内容，进行误操作的话，可能造成人员伤害或物质财产损失。

		表示不可行，“禁止”之意。 左图表示“禁止拆解”。
		表示必须“强制”实行的内容。 左图表示“必须实行”。

 警告	
	<p>供水温度不得超过90°C，建议供水温度为60°C。供水管请勿使用蒸汽。</p> <p>否则可能造成产品使用寿命缩短，易破损、烫伤，以及由于漏水造成家庭财产污损。</p> <p>切勿安装在玻璃或镜子上。</p> <p>否则，可能因玻璃或镜子等破损导致受伤，或因漏水而引起家具浸湿等财产损失。</p>
	<p>非专业维修人员绝对不能进行说明书记载检修项目外的产品拆解、修理和改造。</p> <p>否则，可能因产品性能受损导致烫伤、受伤，或因漏水而引起家具浸湿等财产损失。</p>

 注意	
	<p>不要施加强力或冲击。</p> <p>否则可能会造成破损，以及因发生漏水而造成的家具浸湿等财产损失。</p> <p>请勿在室外或可能结冰的地方使用。</p> <p>否则可能会造成破损，以及因发生漏水而造成的家具浸湿等财产损失。</p>
	<p>埋墙本体部应采用合适的螺栓，固定在符合强度要求的墙体或建筑结构体上。</p> <p>埋墙本体部如固定在土墙或石膏板等低强度墙体上时，可能会因为水嘴本体、手柄部的脱落，或墙体的破损而导致受伤、或因漏水而导致家具浸湿等财产损失。</p> <p>埋墙本体部树脂套与墙体之间的间隙，请务必采用防水布或涂敷防水胶等防水措施。</p> <p>否则可能因漏水而引起家具浸湿等财产损失。</p>

## 2 规格

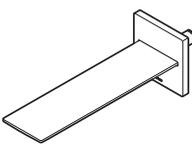
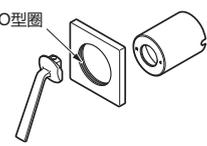
供冷水·供热水压力	最低水压	0.05MPa (流动压)
	最高水压	1.0MPa (静压)
	推荐使用压力	0.1~0.5MPa (流动压)
供水温度	4~90°C，建议供水温度60°C。	
使用环境温度	1~40°C	
用途	普通家庭用	
吐水流量	5.0升/分钟 内置定流量阀	
水效等级	1级	

## 3 安装前的须知

- 为防止误操作而导致的烫伤，冷水水压必须高于或等于热水水压。如必须给热水侧加压时，热水侧压力也必须低于冷水水压。
- 使用燃气热水器供热时，因燃气热水器使用条件、供冷水压力的不同，可能会发生燃气热水器不能点火的情况。
- 包装产品之前，因执行通水试验，可能会在产品内部留有残水，但是产品性能上毫无问题。

## 4 零件的确认

务请确认有无下列零件。

外观部件			
			
水嘴	手柄部件	接头	排水操作部
附件		其他	
			
定位螺丝 (3个)	固定螺丝 (2个)	弹簧垫圈 (2个)	安装说明书
		<div style="border: 1px dashed black; padding: 5px;"> <p>务必交给客户</p>   <p>使用说明书 内六角扳手 (对边2.5mm、2.0mm)</p> </div>	
必要的部件 (现场准备)			
			
防水胶			



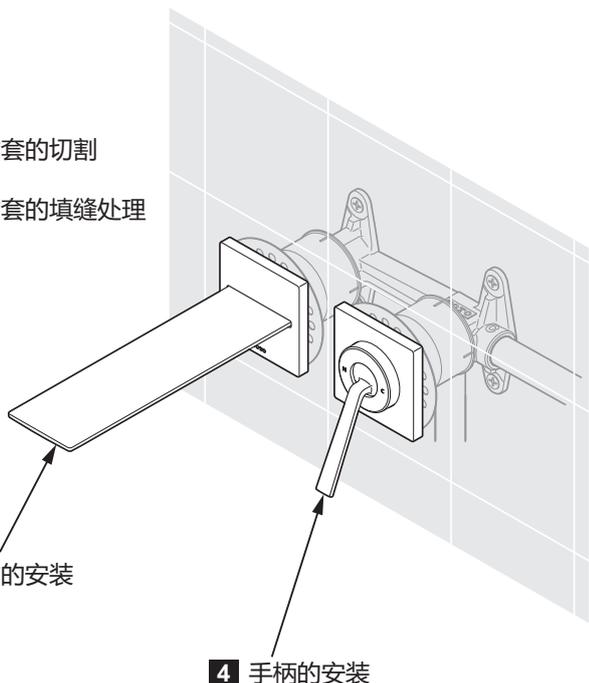
# 6-1 安装步骤

## 1 树脂套的切割

## 2 树脂套的填缝处理

## 3 水嘴的安装

## 4 手柄的安装



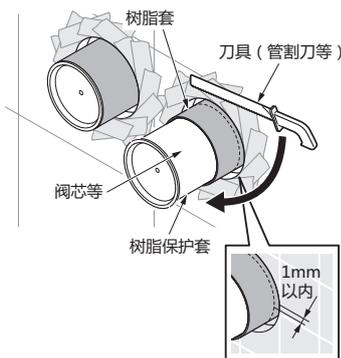
※施工前，必须关闭管道总阀。

## 1 树脂套的切割

按完成墙面至树脂套突起边缘小于1mm为界，对吐水口和手柄部的树脂套进行切割。  
树脂套边缘不可低于完成墙面。

### 注意

- 请使用刀具（管割刀等）切断树脂套。折断或折弯时，可能会使树脂套产生破损。
- 切断树脂套时，为不损伤完成墙面，请采取适当的防护措施。
- 手柄部的树脂保护套内装有阀芯等零件。切割时，切勿超越树脂保护套。

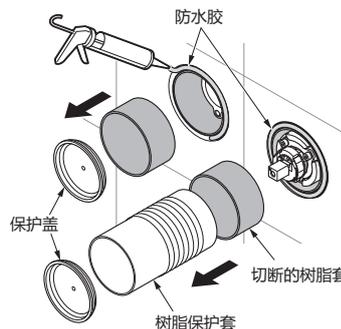
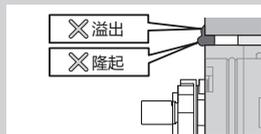


## 2 树脂套的填缝处理

将防水胶涂敷在埋入本体部与周围墙壁之间的间隙内，进行防水处理。

### 注意

- 为防止漏水等事故的发生，请切实做好防水处理。
- 如果防水胶从间隙处溢出，或超过树脂套呈隆起状态时，会造成面板无法正常安装。



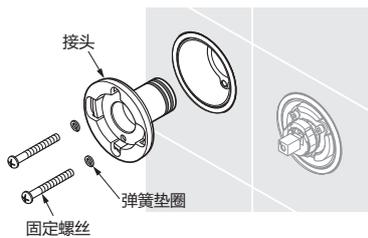
# 6-2

## 3 水嘴的安装

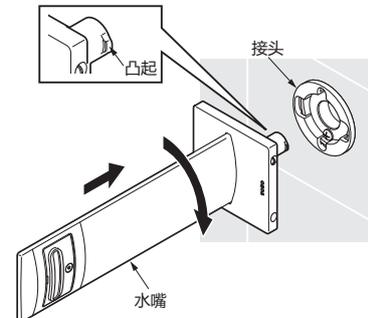
①将接头插入埋墙本体部并用固定螺丝固定。

### 注意

- 旋紧固定螺丝，直至接头密封圈压紧为止。
- 接头固定螺丝拧过头时，可能会导致墙体变形，请注意。
- 请用十字型螺丝刀拧紧。切勿使用电动工具。



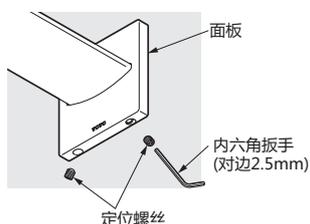
②如图，将水嘴偏转90°，且水嘴上的凸起部对准接头内侧的凹槽后压入。安装到底后，将水嘴转回到水平状态。



③水嘴安装到位后，用两根定位螺丝固定。

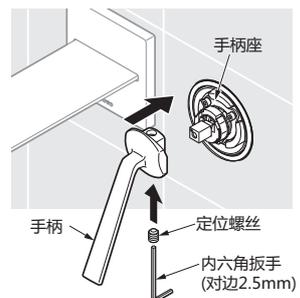
### 注意

- 请勿将防水胶涂敷在面板板周围。否则会导致不能进行面板内的排水。
- 面板完全接触完成墙面后再转动，会导致完成墙面受损。



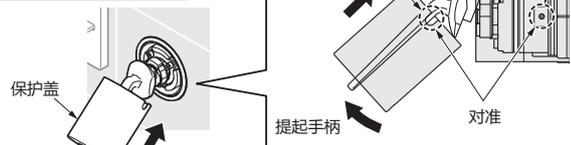
## 4 手柄的安装

①将手柄安装在手柄座，用内六角扳手（对边2.5mm）拧紧定位螺丝。



②在提起手柄的状态（阀芯打开状态）下，将树脂保护套的凹槽对准埋入本体部的凸起位置压入，直至到底为止。

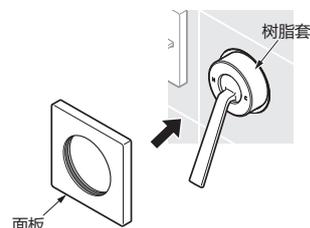
压入树脂保护套时，请注意避免与手柄触碰。否则可能造成手柄受损。



③将面板穿过手柄后按压至碰到完成墙面为止。

### 注意

- 请勿将防水胶涂敷在面板板周围。否则会导致不能进行面板内的排水。
- 在固定板接触墙壁完成面的状态下使固定板旋转时，会导致墙壁完成面受损。

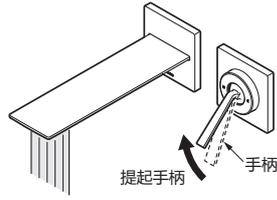


## 7 施工后的调节

### 吐水的确认

安装结束后，打开管道总阀，以确认水嘴有无吐水。

另外，请确认面板与完成墙面的接缝处等有无漏水。



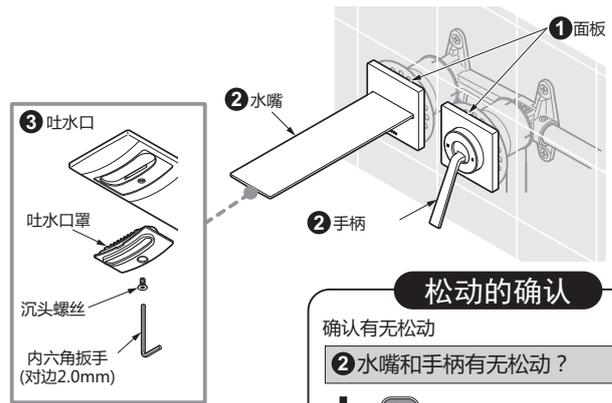
## 8 使用上的注意事项

虽然使用中可能会发生下列现象，但是，**这并不是故障**。请向客户仔细说明。

现象	说明
与初次使用时相比，使用一段时间后，可能会感到手柄操作时有些紧。	这是因内部零件相互磨合、适应后的结果，并非故障。

## 9 检查项目

安装结束后，请确认下列事项。



### 松动的确认

确认有无松动

② 水嘴和手柄有无松动？

- ↳ 6-2-3 参照「水嘴的安装」之内容
- ↳ 6-2-4 参照「手柄的安装」之内容

### 漏水的确认

请确认有无漏水。

① 面板与完成墙面之间有无漏水？

- ↳ 6-2-3 参照「水嘴的安装」之内容
- ↳ 6-2-4 参照「手柄的安装」之内容

### 流量以及吐水温度的确认

流量少或难以调节温度时，请确认下列项目。

③ 垃圾是否堵住吐水口？

↳ 清扫吐水口。



※请务必将包装箱内附带的使用说明书等交给客户。

# TOTO

## Appearance of the Wall-Mounted Single Handle Faucet (Embedded Type)

TLP02309  
TLP02310

Install the product according to this Installation Manual so that the product fulfills its function. When the installation is over, fully explain how to use the single handle faucet to the customer.

### 1 Safety Precautions (Be sure to follow all precautions for safety sake.)

Please read these Safety Precautions before installation work in order to install the product properly.

• This manual employs various indications in order to install the product properly and to prevent harm to the customer and other people, as well as damage to their properties. The indications and meanings are as follows:

• The contents you must observe are classified into the following symbols; their meanings are explained.

 <b>WARNING</b>	This indication means that if the content in the column of this indication is ignored or handled wrongly, death or serious injury may occur.
 <b>CAUTION</b>	This indication means that if this content in the column of this indication is ignored or handled wrongly, injury or property damage may occur.

 	Indicates things that you must not do as "Prohibited". The left figure indicates that "Disassembly is Prohibited".
 	Indicates things that you must do without fail as "Mandatory". The left figure indicates to "Execute it without fail".

 <b>WARNING</b>	
	<b>Do not use supply water at a temperature higher than 90°C.</b> If you use the water at a temperature higher than 90°C, the water may scald you and the life of the faucet may shorten causing it to break and leak water that may wet household articles and cause damage to your property.
	<b>Do not mount the product on glass, mirrors, etc.</b> Otherwise, the glass, mirror, etc. may break and injure you, and water may leak, wet household articles and cause damage to your property.
	<b>Do not disassemble or remodel the product with other items than what are described in this manual.</b> Otherwise, the water may scald or injure you and the product may break and leak water that may wet household articles and cause damage to your property.

 <b>CAUTION</b>	
	<b>Do not subject the product to strong force or impact.</b> Otherwise, the product may break and leak water that may wet household articles and cause damage to your property.
	<b>Do not use the product in any place where freezing can be expected.</b> Otherwise, parts may break and leak water that may wet household articles and cause damage to your property.
	<b>Using appropriate embedment setscrews, be sure to mount the product on a wall or building member that has an enough strength to bear the product.</b> If the embedded part is anchored in walls that do not have enough strength, such as clay walls, chalk walls, etc., the spout and the handle may come off or the wall may break and injure you, and water may leak, wet household articles and cause damage to your property.
	<b>The clearance between the plastic cover of the embedded part and the wall should be assuredly waterproofed with waterproof sheet and silicone.</b> Water may leak, wet household articles and cause damage to your property.

### 2 Specifications

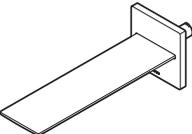
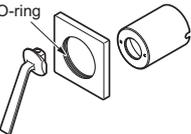
Cold / Hot water supply pressure	Minimum water pressure	0.05 MPa (Dynamic)
	Maximum water pressure	1.0 MPa (Static)
	Recommended water pressure	0.1~0.5 MPa (Dynamic)
Temperature water supply	4~90°C. Recommended hot water temperature 60°C	
Environmental temperature used	1~40°C	
Application	For restroom in general house	
Water discharge volume	5.0 L/min. constant flow valve incorporated	

### 3 Before Installation

- In order to prevent scalding due to erroneous operation, be sure to set the cold water supply pressure higher than the hot water supply pressure or set them to the same pressure. Even when applying pressure to the hot water side, be sure to set the hot water supply pressure side lower than the cold water side.
- In the case of an instantaneous hot-water heater, the water heater may not ignite according to the conditions such as performance and water pressure of the water heater.
- Since the flow is examined before packaging the product, some water may remain in the product, but nothing is wrong with the product.

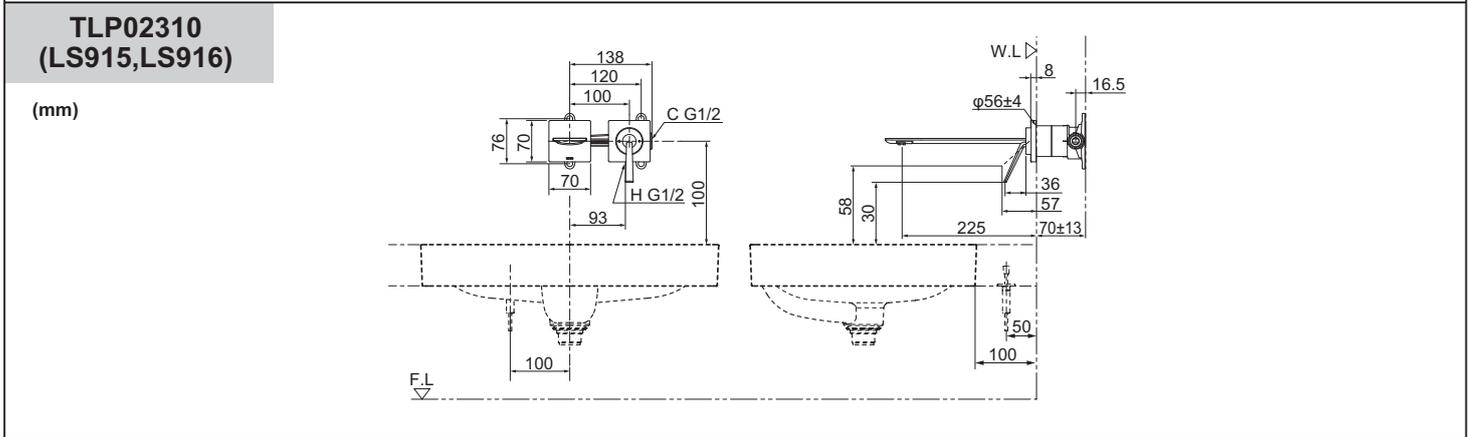
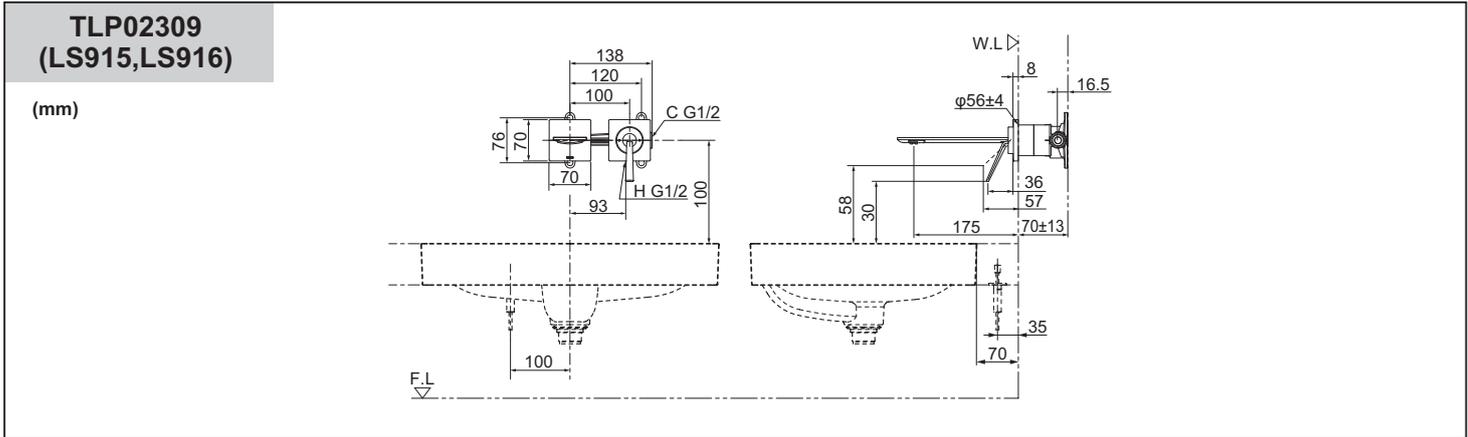
### 4 Identification of Parts

Identify the following parts.

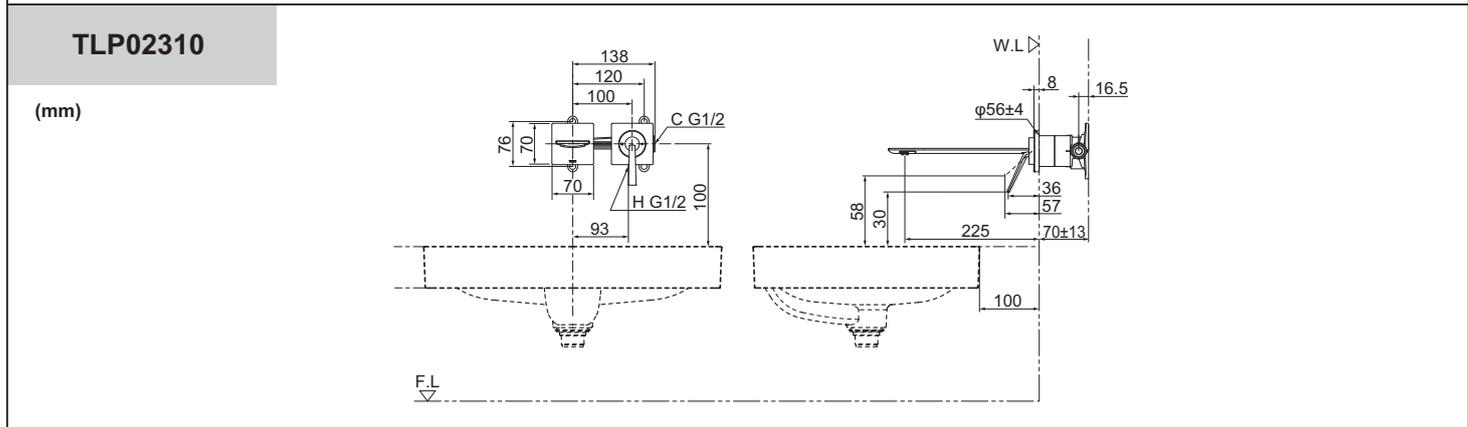
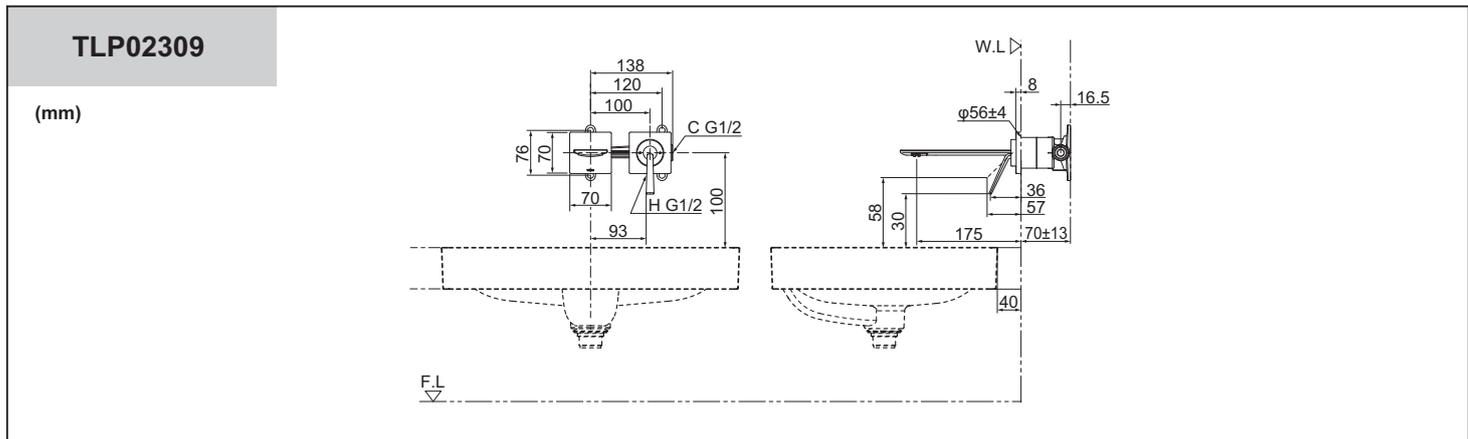
Appearance	
	
Spout	Handle member
	
Joint	Water drain operating section
Accessories	Others
	
	
	
	
Hexagonal wrench (Distance across faces: 2.5 mm, 2 mm)	
Necessary parts (Procured in the field)	
	
Silicone	

Continued on the back cover

# 5 Completion Drawing



# 5 Completion Drawing



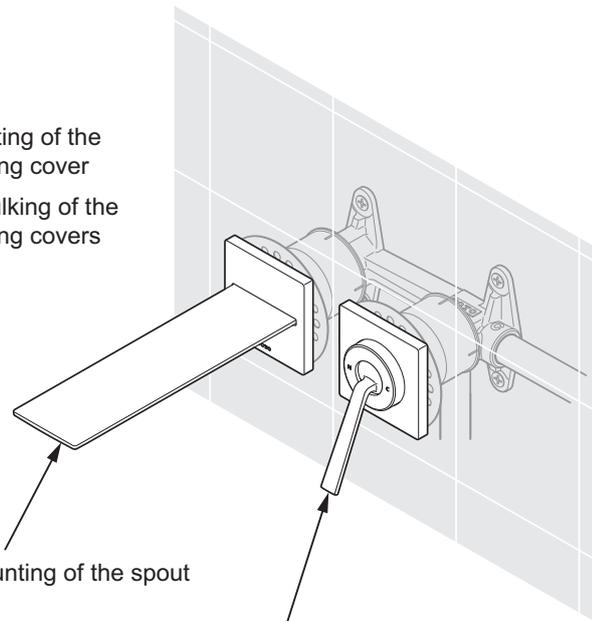
# 6-1 Installation Procedure

## 1 Cutting of the curing cover

## 2 Caulking of the curing covers

## 3 Mounting of the spout

## 4 Mounting of the handle

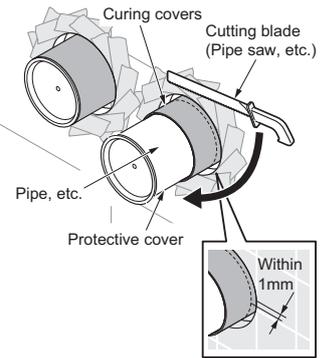


## 1 Cutting of the curing covers

Cut the curing covers on the spout side and the handle side to within 1mm from the finished surface of the wall. The curing covers should not be recessed from the finished surface.

### Cautions

- Cut the curing covers using a cutting blade (pipe saw, etc.). If you fold or bend the curing covers, they may break.
- When cutting the curing covers, cure the edges so as not to damage the finished surface.
- On the handle side, parts such as the valve, etc., are behind the protective cover. Do not cut beyond the protective cover.

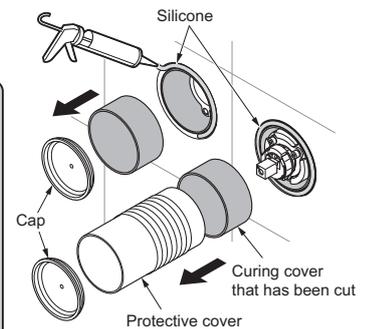
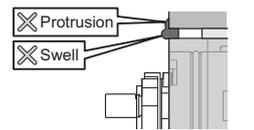


## 2 Caulking of the curing covers

Apply silicone in the clearance between the periphery of the embedded part and the wall for waterproofing.

### Cautions

- In order to prevent damage due to water leaks, assuredly carry out waterproofing work.
- If silicone protrudes from the clearance or swells beyond the curing covers, the plate, etc., cannot be mounted normally.



\*Close the main valve of piping before starting the construction work.

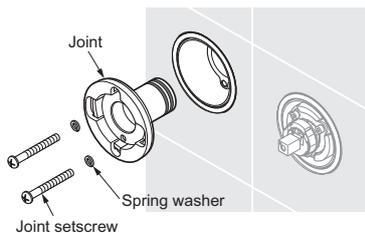
# 6-2

## 3 Mounting of the spout

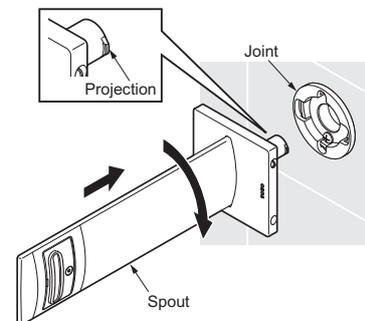
(1) Insert the joint in the embedded part and anchor the joint with the setscrew.

### Cautions

- Tighten the joint setscrew until the joint packing is crushed.
- If the joint setscrew is tightened too much, note that the wall may be deformed.
- Tighten the screw with a Phillips screwdriver. Do not use power tools.



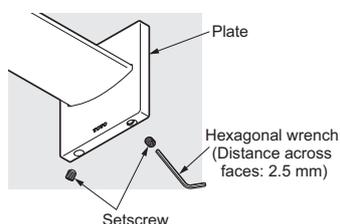
(2) Tilt the spout by 90°, align the notch on the joint inside and the projection of the spout unit, and press the spout in. Return the spout to the horizontal position where it contacts the end.



(3) Push the spout all the way in until it contacts the end. Then, anchor it with 2 setscrews.

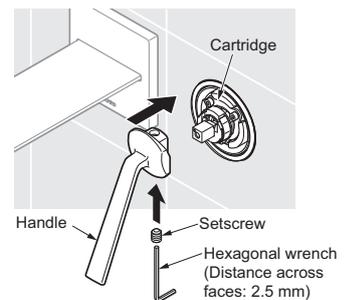
### Cautions

- Do not apply silicone around the plate. Water cannot be drained from inside the plate.
- If the plate is rotated until contacting the finished surface of the wall, the finished surface may be damaged.



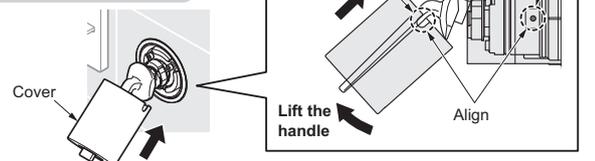
## 4 Mounting of the handle

(1) Mount the handle on the cartridge and anchor it with the setscrew using a hexagonal wrench (distance across faces: 2.5 mm).



(2) Align the cover notch and the projection of the embedded part with the handle lifted (valve open status), and press in the cover to the position where it contacts the end.

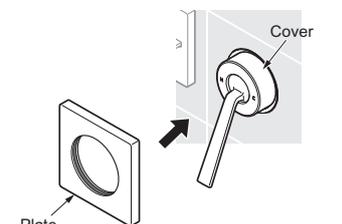
Contact with the handle when inserting the cover may damage the handle.



(3) Insert the plate through the cover and press it in until it touches the wall.

### Cautions

- Do not apply silicone around the plate. Water cannot be drained from inside the plate.
- If the plate is rotated until contacting the finished surface of the wall, the finished surface may be damaged.



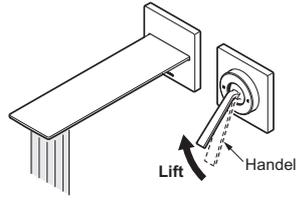
Continued on the back cover

## 7 Adjustment after installation

### Checking of water discharge

After the completion installation, open the main valve of the piping and make sure that water comes out from the spout.

And, make sure that no water leaks from the clearance between the wall and the plate.



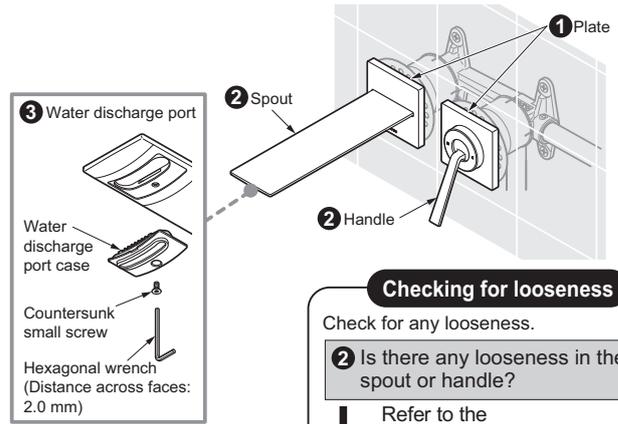
## 8 Cautions in use

The following phenomenon may be caused during use, but it is **not due to any trouble**. Give a thorough explanation to the customer.

Phenomena	Explanation
Handle operation is heavier that when first using the product.	This is due to the fact that the parts inside the product fit each other well and become stable during use. This is not due to any trouble.

## 9 Checking Items

When the installation is over, check the following items.



### Checking for looseness

Check for any looseness.

2 Is there any looseness in the spout or handle?

Refer to the  
 ↳ 6-2-3 "Mounting of the spout"  
 ↳ 6-2-4 "Mounting of the handle"

### Checking water leakage

Check if water leaks.

1 Is there any water leaking from the clearance between the wall and the plate?

Refer to the  
 ↳ 6-2-3 "Mounting of the spout"  
 ↳ 6-2-4 "Mounting of the handle"

### Checking of the flowrate and water discharge temperature

If the flowrate is low or the temperature cannot be adjusted well, check the following items.

3 Is there any debris that clogs the water discharge port.



↳ Clean the water discharge port

**\*Be sure to hand the attached operation manual, etc. over to the customer.**