

Installation Manual
for the Stainless Expansion Joint

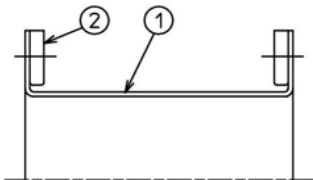
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Installation Procedure

1. Before installation

Flange type



Band type

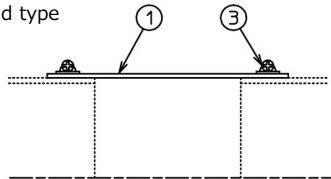


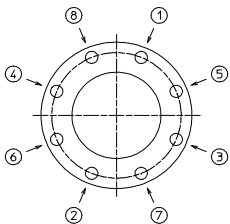
Table1 Parts List

No.	Name	Material
1	Body	High Tear Silicon
2	Flange	Stainless steel 304
3	band	Stainless steel 304

- Please confirm whether the diameter is correct.
- Please confirm whether there is any damage of sealing surface.

2-1. Flange type installation

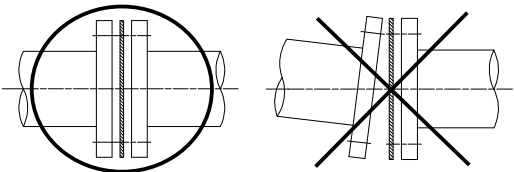
The order of bolt tightening.



- ① Please tighten the bolts diagonally and equally.
- ② Please tighten the opposite side of flange with same way.
- ③ When you use the bolt and nut made of stainless steel, please apply lubrication.

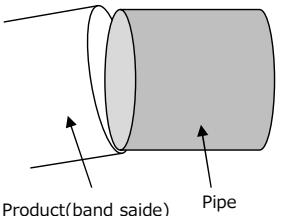


Please confirm whether the flange face is parallel before tightening.

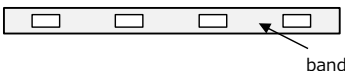


2-2. Band type installation (for free size band)

- ① Hook a part of the body to the piping.
- ② While extending the rest of the body, install it so that it covers the piping.
 - ※ Although the material is non-slip, it tends to stretch easily, so please install it while pulling and spreading.
 - ※ If the band to be used is of a shape that cannot be removed, pass it through the piping side before attaching the body.

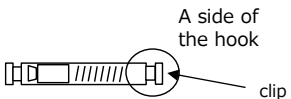


- ③ Cut the band 80 mm shorter than the circumference of the product to be installed.

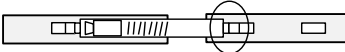


- ④ Please finish the corners of the cut surface smoothly to prevent injury and product breakage.

- ⑤ Install the cut band along the product mounting area and insert the hooked part of the clip from the outside at an angle.



- ※ At this time, pass the A side of the hook through to the first hole. If the opposite side is attached to the first hole, the band and clip may interfere and not tighten fully.

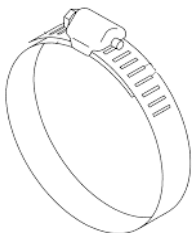


At this time, pass the first hole through to the A side of the hook.

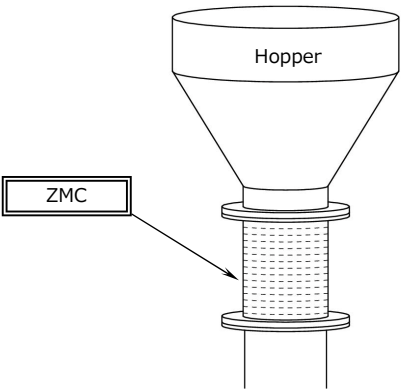
- ④ Install the opposite hook in the same way and tighten the entire band by turning the clip screws, taking care not to dislocate the clip.

Hose band

Normal hose bands that are not free size can also be used.
Spread the clip wider than the outer diameter of the body, inserting it, and turn the screw on the clip to tighten it.



Completion



NOTES

- Please carry out the welding work of the piping before installing the flexible joint. If you have to carry out the welding work after installing the flexible joint, take ground the welding electricity, also put a the protective cover around the flexible joint so that welding current does not flow into the piping system.
- Do not perform any fire work such as welding or gas cutting in the vicinity of the product. If fire work is unavoidable, be very careful not to expose the product to fire.
- Do not cover the surface of the product with heat insulating material or sheet metal. Doing so will raise the temperature of the product itself and cause damage.
- Insert mounting bolt from product side. and tighten bolts evenly in diagonal line order.
- Set bolts should be removed after installation is complete.
- The body may harden over time after installation. If it becomes obviously hardened, please replace it.
- Please retighten the mounting bolts of the flange and the screws in the band clip section.