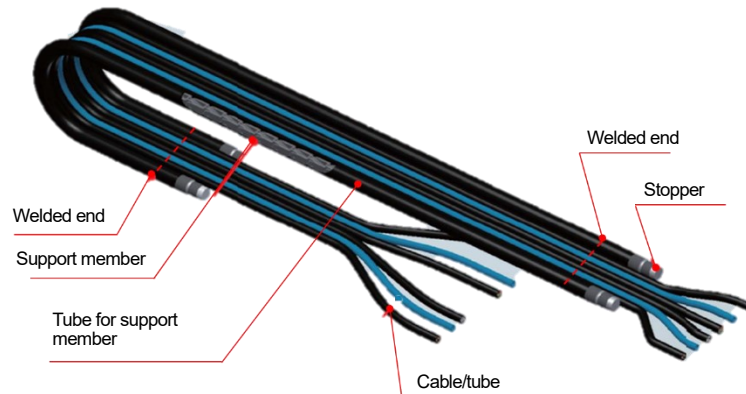


Caution: Wear the appropriate protective gear (safety glasses, gloves, safety shoes, etc.) when working.

1 Structure/Part Name



2 Precautions for handling

1. Handling precautions

Since the welded ends easily peeled off in the tearing direction as shown in Fig. 1-1, make sure that no force in the tearing direction is applied to the welded end.

Be careful when taking it out from the packaging, processing the connector, and installing onto equipment.

* Fig. 1-2 shows an example of a countermeasure



Please note that it is weak against force in the tearing direction.

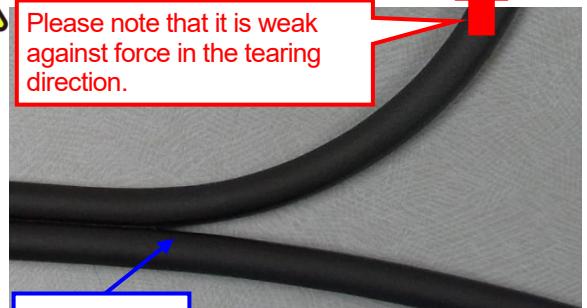


Fig. 1-1

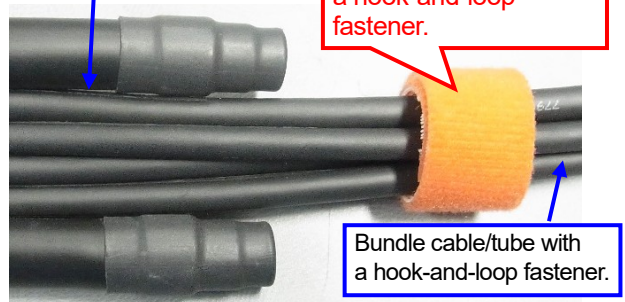


Fig. 1-2

2. Precautions for installation onto equipment

Do not fasten one end of the FLATVEYOR while it is straightened (Fig. 2-1).
If one end (moving or fixed end) of the FLATVEYOR is fastened to the equipment while the FLATVEYOR is straight and then bent, the support members may twist and break (Fig. 2-2).



Do not fasten one end of the FLATVEYOR while it is straightened.

The support members may twist and break.



Fig. 2-1



Fig. 2-2

* The actual cover tubes for support members are black.

3 Installation procedure onto Equipment

When installing the FLATVEYOR onto the equipment, install the attachment clamps in the positions shown on the drawings provided by Tsubaki.

1. Bend the FLATVEYOR (Fig. 3) before fastening it onto equipment.

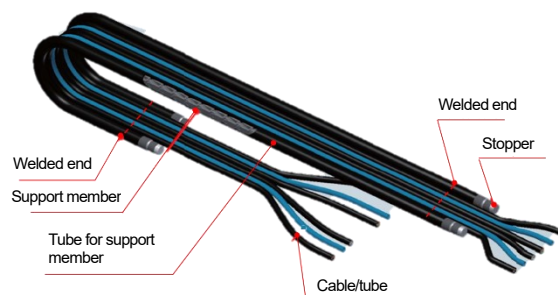


Fig. 3

2. While the FLATVEYOR bent as shown in 1, fasten the moving end and fixed end to the equipment with the attachment clamps (Fig. 4).

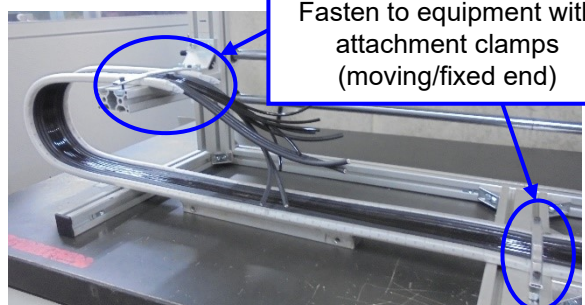


Fig. 4

3. After fastening the moving end and fixed end, make sure that the bent section of the FLATVEYOR is not tilted and that the unsupported length is not twisted (Fig. 5). Next, move the FLATVEYOR slowly and make sure that there are no problems with its operation.

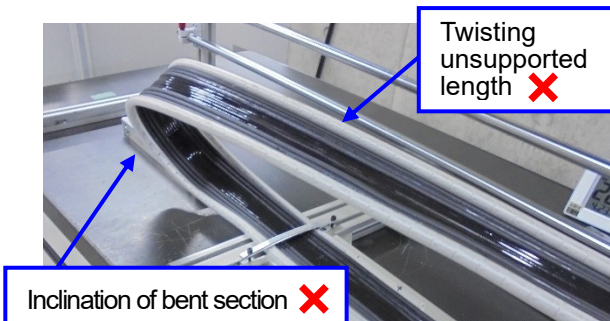


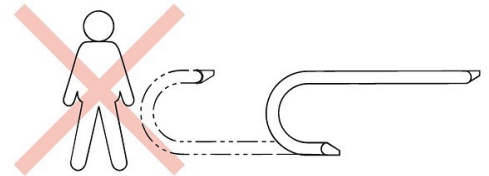
Fig. 5

For Safe Use



WARNING Observe the following points in order to prevent hazardous situations.

- Do not use the cable carrier and its accessories (including Cleanveyor and Flatveyor) for anything other than their original purpose.
- Do not stand or ride on the cable carrier. There is a risk of damage and falls.
- Never perform additional work on the cable carrier or the accessories (except fitting connectors on Cleanveyor or Flatveyor).
 - Do not clean the cable carrier or the accessories with acids or alkalis, as they may cause cracking.
 - Never electroplate the cable carrier or the accessories, as this may cause cracking due to hydrogen embrittlement.
 - Do not weld the cable carrier or the accessories, as the heat may cause cracking or a reduction in strength.
- Observe all appropriate labor safety codes and standards for your region or area.
- When there is a need to replace a damaged (fractured) portion of a cable carrier or an accessory, always replace the whole cable carrier or the accessory with a new product rather than replacing only the damaged or fractured portion.
- Immediately stop using the cable carrier or the accessories if they come into contact with a substance that can cause embrittlement cracking (acid, strong alkali, battery fluid, etc.) and replace with a new cable carrier or accessory.
- Observe the following when connecting, installing, removing, servicing, and inspecting the cable carrier or the accessories.
 - Perform the procedure as specified in the instruction manual, catalog, or documentation specially provided to the customer.
 - Secure the cable carrier and the accessories so they do not move freely. The cable carrier may move on its own or collapse under its own weight.
 - Be careful not to pinch, crush, or entangle hands in the bending section of the cable carrier.
 - Wear suitable clothing and protective equipment for the work (such as safety goggles, gloves and safety shoes).
 - Always turn off the source power supply beforehand, and take care not to accidentally operate switches.
 - Only experienced personnel should handle the cable carrier.



CAUTION Observe the following points to prevent accidents

- Carefully understand the construction and specifications of the cable carrier or the accessories before handling.
- Inspect the cable carrier or the accessories for damage during transport before installation.
- The cable carrier or the accessories should be periodically serviced and inspected.
- Cable carrier capacity varies according to manufacturer. When selecting a chain based on a Tsubaki catalog always use the corresponding Tsubaki product.
- Always ensure that the final customer receives the instruction manual.
 - If you do not have the instruction manual, contact a Tsubaki representative with the product name, series name, and chain/model number to receive the appropriate manual.
- The product information given in this catalog is mainly for selection purposes. Thoroughly read the instruction manual before actually using the product, and use it properly.

Issued on April 1, 2023 © Tsubakimoto Chain Co.