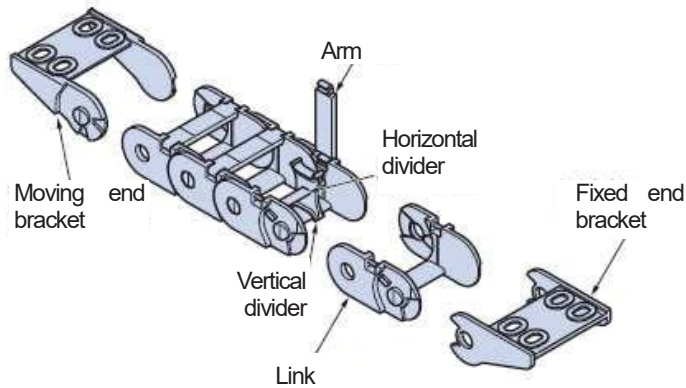


# Tsubaki Cableveyor®

## TKP35H22 (Formerly TKP0350)

**1 Construction/  
 Nomenclature**

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



**2 Delivery**

The Cableveyor is delivered in sections if its length exceeds the standard length (shown in number of links below). The plastic travel and fixed end brackets, and the vertical/horizontal dividers, are normally shipped as unassembled parts.

- TKP35H22 standard length (no. of links): 25 links

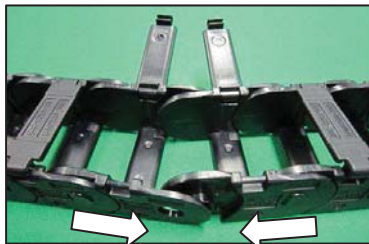
**3 Connection**

\*The same guidelines apply to attaching links to the plastic travel/ fixed end brackets.

Normally arms are delivered with one side opened (not locked into the link).



3. Align the ends.



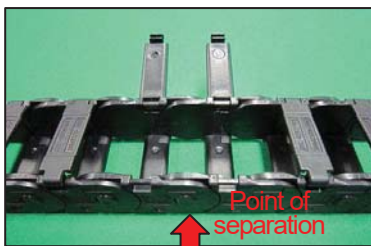
2. Overlap the links, and insert the pins into the hole on one side.



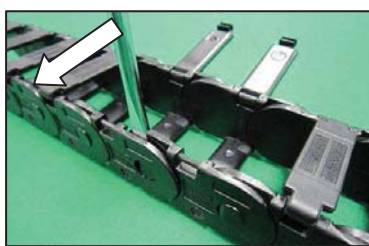
1. Push in the other side, insert the pin, and connect.

**4 Disassembly**

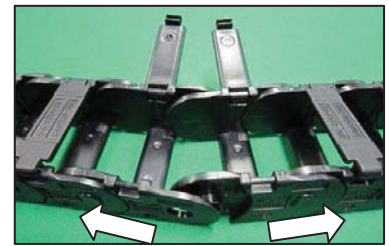
\*The same guidelines apply to attaching links to the plastic travel/ fixed end brackets.



3. Open the arms from each link on either side of the section to be disassembled.



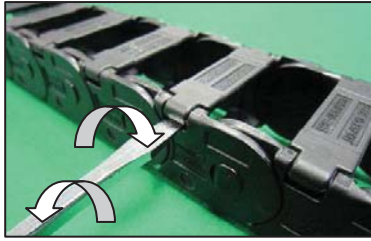
2. Insert a flat-head screwdriver into the gap between links and twist in the direction of the arrow to remove the pin from the hole.



1. Support the other pins and bend the Cableveyor as shown to separate the ends.

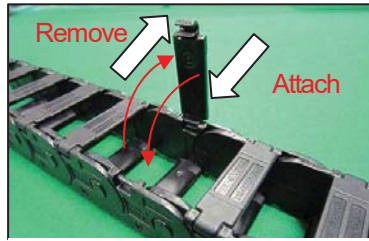
## 5 Opening and Closing Arms

### 1) Opening arms



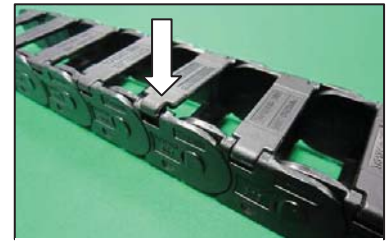
Insert a flat-head screwdriver into the gap between the arm end and link and twist to open.

### 2) Removing or attaching arms



With the arm at 90°, move in the direction of the arrow to remove. Reverse the process to attach.

### 3) Closing arms



Press the end of the arm down by hand or tap lightly with a plastic hammer until it audibly snaps into place.

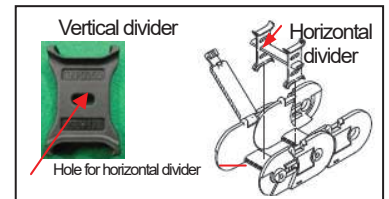
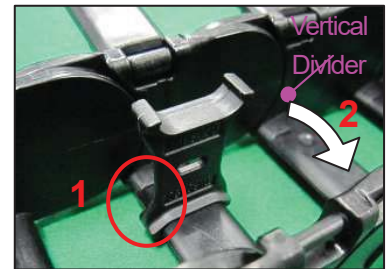
## 6 Attaching Dividers

Attach vertical dividers when filling your Cableveyor with cables & hoses. With the arms open, attach the vertical dividers as follows.

- Hook one of the catches on the end of the vertical divider into the link. (circled red in photo on right)
- Snap in the other catch by pushing the divider down in the direction of the arrow.

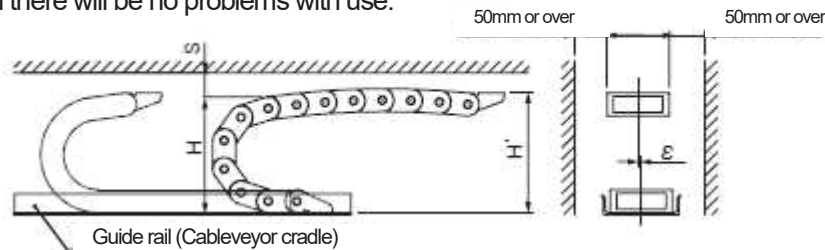
\*Either end of the vertical divider can be used.

\*Insert horizontal dividers into the vertical divider holes first, and then attach the unit to the link. (Note: This will require more than one vertical divider.)



## 7 Cautions When Handling

Pretension and sag may appear in the free span depending on the application. However, if selected within Tsubaki's performance graph then there will be no problems with use.



- Machine travel end installation height ( $H'$ ) should be Cableveyor height  $H + (10-30)$ .
- Cableveyor space height ( $h$ ) is  $H + 100$ .
- Install a guide rail.
- The difference ( $\epsilon$ ) in the travel end and fixed end bracket attachment sides should be less than 4mm.
- Use travel cables/hoses with excellent bending and wear properties.
- Avoid using cables/hoses with wire braiding, as they are easily damaged.
- Cables/hoses wear easily when used stacked onto of one another. Lay horizontally or use horizontal dividers.
- Set cables and hoses in the Cableveyor so that they have some play, and clamp both ends.
- Remove foreign objects from guide rails, as they may cause damage.
- The following are shipped unassembled and will require assembly when installing the Cableveyor.
  - (Moving/fixed end) plastic brackets
  - Vertical/horizontal dividers

Any unevenness on the plastic bracket installation surface may damage the bracket. Ensure that the installation surface is as smooth as possible. Over-tightening the installation bolts can also damage the plastic bracket. Please use the following recommended tightening torque.

Bolt Size	Recommended Tightening Torque
M6	2.6 N·m