

# SAFETY HELMET INSTRUCTIONS

In order to wear the safety helmet properly, please read the following instructions in advance.  
In order to protect yourself and your property and not to cause injury or damage to persons or property, these instructions must be strictly observed.

In cases of misuse, there may be a danger of serious accident. After reading the instructions, please keep them safely so that they can be reviewed whenever necessary.

**TANIZAWA**  
SAFETY PRODUCTS

This safety helmet duly complies with Standard for Protective Helmets (The Ministry of Health, Labour and Welfare in Japan)

## 1. For your own safety: Fully observe the following instructions.

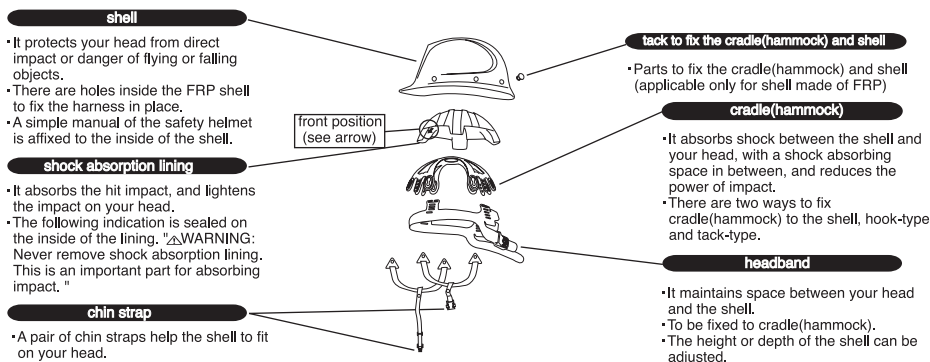
**⚠ WARNING:** This symbol is used when there is a risk of serious injury or death resulting from improper use or maintenance of this product

- There may be a high risk of deterioration in quality. Never use the safety helmet for storage or stand or sit on the helmet or use it to support weight.
- Never use the safety helmet for riding motorbikes or any other vehicles
  - This safety helmet is produced according to the standard of helmets used in the industrial sector. The standard of requirement and function differs from that of motorbikes or any other vehicles.
- Never wear the safety helmet if there are any parts missing, damaged, cracked or modified
  - If there are any defects on the safety helmet, safety efficiency cannot be maintained.
  - The durability of the safety helmet will depreciate by modification or cracks on the surface.
- Dispose of the safety helmet once a strong impact has occurred, in order to avoid using a safety helmet that has a possibility of diminished safety and durability.
  - Although no damage may be visually recognizable on the surface of the helmet, there remains the risk that the strength of inner materials may have reduced after the shock.
- Wear the safety helmet correctly
  - Adjust the headband to fit your size and fasten the chin strap. If the safety helmet leans or moves easily on your head, full absorption against impact might not be available. Read the instructions described in "How to wear the safety helmet" correctly and in their entirety.
- Dispose of the safety helmet after using for a long period (refer to the following), and replace it even if no defect appears visible, in order to avoid using a safety helmet that has any possibility of lack of safety and durability.
  - The quality of the safety helmet may be diminished by such factors as operational circumstances and time without any change becoming visible.
  - Concerning safety helmet materials, PC and ABS have to be replaced within three years, and FRP within five years.
- The cradle(hammock) and headband of the safety helmet should be replaced once every year
  - The condition of the cradle(hammock) and headband may deteriorate without any obvious change in appearance due to time and service conditions.
  - Replace the cradle(hammock) and headband at the same time. Also replace the chin straps together with them. Otherwise, the quality of the safety helmet may be diminished.
- When replacing component parts, make sure to replace them with the same model supplied by the same manufacturer to ensure compatibility of materials and maintenance of quality standards.
  - This is due to the fact that only the right combination ensure reaching of the quality standard.
- Make sure of the manufacturer and the model before replacement.
  - When exchanging component parts, please inform the supplier of the make and model of the safety helmet.
- Avoid contact with benzene, thinners or any other solvents
  - Such solvents might dissolve the material and the safety properties may be reduced.
- Heat and ultra-violet rays may damage or deform the material and cause the colour to fade. Strength is also likely to be reduced under low temperatures.
- Always inspect the safety helmet before use
  - This is to ensure your safety. Refer to section "2. Inspection before Use".
- Do not attach additional tools or parts that are not originally installed
  - The strength and stability of the helmet may be reduced, the view may be impeded, or your movement may be hindered.
- Do not paint or mark the helmet. Do not affix labels, stickers or tape to the safety helmet unless they are specifically designed not to damage the integrity of the helmet.
  - There may be a risk of reduction in the helmet's protective properties.
- Stop using if rashes or if skin irritations appear
  - Your problem may become worse by wearing the helmet, and this may cause danger through your attention being distracted.

## 2. Inspection before Use

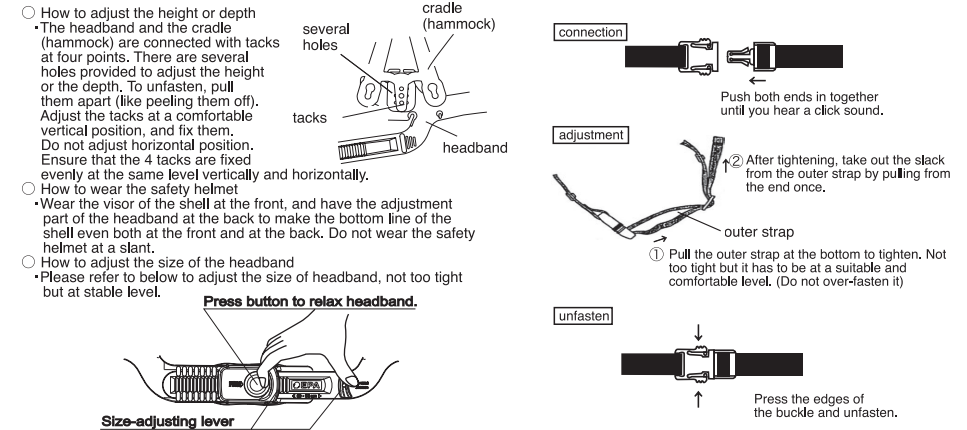
1. Make sure that the indented markings inside of the helmet shell are present, and wear the helmet that is appropriate for your work.
2. Please inspect your helmet in accordance with section "6. Check List"
3. Replace component parts if any defect is found.

## 3. The Component Parts



## 4. How to wear the safety helmet

In order to fully obtain the safety function of the safety helmet, please adjust to fit the size of user and wear it correctly.



## 5. Transport-Maintenance-Storage

- Handle with care during transport.
- To remove dirt, please use neutral detergent. Then wipe off the detergent with wet cloth, and dry.
- Keep in a well ventilated place within the temperature range specified and keep away from direct sunlight.

## 6. Check List

Efficiency of the safety helmet is ensured through the combination of helmet shell, cradle(hammock), headband, chin strap and the shock absorption lining. Detrimental impacts, scratches, chemicals, ultra-violet rays and heat reduce the durability of the helmet. Please inspect your helmet in accordance with the following check points before use.

- 19 check points to ensure the efficiency of the safety helmet. The shell should be disposed of if any of the following points are recognized.
1. if the rim is of the shell missing or broken
  2. if there are any marks of impacts
  3. if many scratches are visible
  4. if extremely dirty
  5. if there are additional holes which are not intended by the manufacturer
  6. if glass fibres are visible on the surface of the shell
  7. if there are any cracks on the tack holes and hooks
  8. if a noticeable change in colour is visible

9. if anything unusual is found within the fixing parts (tacks, brackets, hooks etc.)
10. if the shape of the shell changes

Check points for replacing the shock absorption lining (If any of the following conditions are discovered.)

1. if the shape changes due to heat, solvents etc.
2. if it is very dirty
3. if there are serious scratches or cracks

Check points for replacing cradle(hammock), headband and chin straps (If any of the following conditions are found.)

1. if there is modification made by the user
2. if the seam is fraying or fixed parts are stripped off
3. if the headband is ripped, damaged or out of shape
4. if there is considerable dirt due to sweat or oil
5. if the chin strap is damaged or is very dirty
6. if the cradle(hammock) is damaged

## 7. Replacement of parts (cradle "hammock", headband, chin straps, shock absorption lining etc.)

- Replace any parts of the helmet (chin straps, shock absorption lining etc.) in which you detect any of the irregularities noticed in the checklist given above (See section "6. Check List").
- Make sure to replace them with compatible parts and fit them correctly. Do not use the helmet with incomplete parts or alternatives.
- Assemble the safety helmet correctly.

**⚠ WARNING: Replace the cradle(hammock), headband and chin straps at the same time.**

When either the cradle(hammock) or headband require replacement, replace both of these parts at the same time. Also replace the chin straps together with them. Otherwise, the quality of the safety helmet may be diminished.

Manufacturer  
**Tanizawa Seisakusho, Ltd.**

Kinshi BLDG.No.8-1 Shintomi-2  
Chuo-ku, Tokyo 104-0041, Japan  
TEL +81-3-3552-2055 FAX +81-3-5541-2768

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