

2. Precautions on Using the Linear Ball Slide

Handling

- (1) Disassembling components may cause dust to enter the system or degrade mounting accuracy of parts. Do not disassemble the product.
- (2) Dropping or hitting the Linear Ball Slide may damage it. Giving an impact to the Linear Ball Slide could also cause damage to its function even if the product looks intact.

Lubrication

- (1) Apply lubricant before using the product.
- (2) Do not mix lubricants of different physical properties.
- (3) In locations exposed to constant vibrations or in special environments such as clean rooms, vacuum and low/high temperature, normal lubricants may not be used. Contact THK for details.
- (4) When planning to use a special lubricant, contact THK before using it.

Precautions on Use

- (1) Entrance of foreign matter may cause damage to the ball circulating path or functional loss. Prevent foreign matter, such as dust or cutting chips, from entering the system.
- (2) If foreign matter adheres to the product, replenish the lubricant after cleaning the product with pure white kerosene.
- (3) When desiring to use the system at temperature of 80°C or higher, contact THK in advance.
- (4) When using the product in locations exposed to constant vibrations or in special environments such as clean rooms, vacuum and low/high temperature, contact THK in advance.
- (5) The Linear Ball Slide is incorporated with a stopper mechanism that prevents the slider from coming off. If impact is given, the stopper may be damaged. Do not use this stopper as a mechanical stopper.

Storage

When storing the Linear Ball Slide, enclose it in a package designated by THK and store it while avoiding high temperature, low temperature and high humidity.