

## Corrosion protection for Ball Screws and Linear guides

NSK linear guides and ball screws are used in various applications and environments. A major concern in these settings is preventing rust which may occur during wet processing in manufacturing equipment using chemicals or water. NSK applies with successful results, a fluororesin coating as a surface treatment on electrolytic anti-rust black film as the optimal rust prevention coating for linear guides and ball screws in such machines and equipment. It provides a longer life and as a result contributes to reduce maintenance and downtime in operation.

### Product Features

- Black plating: treated to form a stable thin film (1-2µm)
- Fluororesin coating to enhance corrosion resistance
- Treatment with no hydrogen brittleness

### Benefits

- Good corrosion resistance to humidity
- Accuracy of parts preserved, due to the low film thickness
- Good corrosion resistance to chemical exposure
- Economical

### Condition Description

- Arduous Environments
- Corrosive Environment

### Industries

- Food and Beverage
- Material Handling
- Semiconductor

