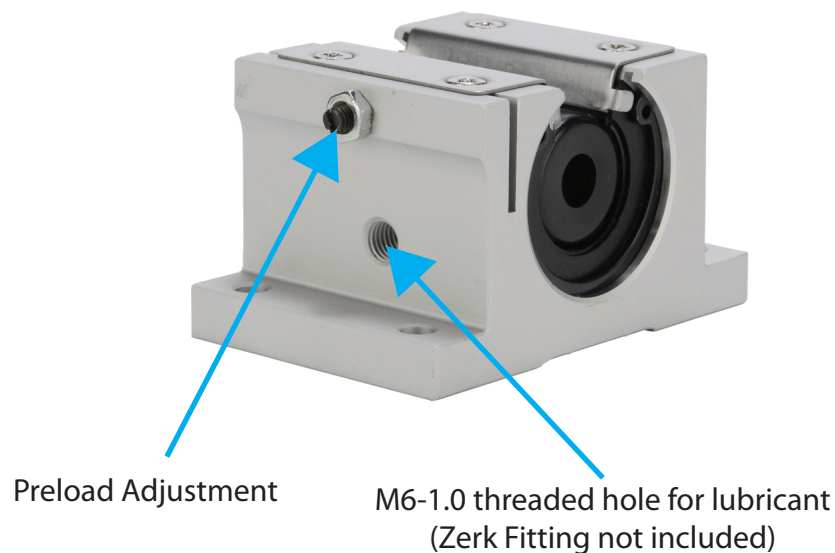




# SUREMOTION LINEAR SLIDE SETUP

## Preload Adjustment

1. Loosen Nut
2. Use allen wrench to set desired pre-load
3. Hold set screw in place with the allen wrench and tighten the nut



## Lubrication

Lubrication is required for proper operation and prevention of premature wear. Pillow Blocks are shipped DRY to avoid mixing of incompatible grease formulations. This allows you to select the best lubricant for the application.

The pillow block has a M6-1.0 threaded hole for a zerk style grease fitting. This fitting is not supplied with the pillow block. Use this hole to apply lubricant to the pillow block bearings. Below is a guideline for lubricant types.

- Light loads and high speeds do well with a machine oil or low viscosity grease.
- Medium loads and speeds do well with NLGI 1 or 2 grade grease.
- Food-grade applications, Linear Lube (teflon-based synthetic grease is recommended).
- High loads may require a grease with an EP2 additive. The EP is Extreme Pressure and uses special additives to prevent the grease from breaking down under high pressures. This type of grease will give the steel shafts a dull appearance.

The shafts should be kept with a slight film of grease/oil at all times. It should feel slick to the touch, but not dripping. Careful monitoring of the application is required to develop a good lubricant maintenance schedule.