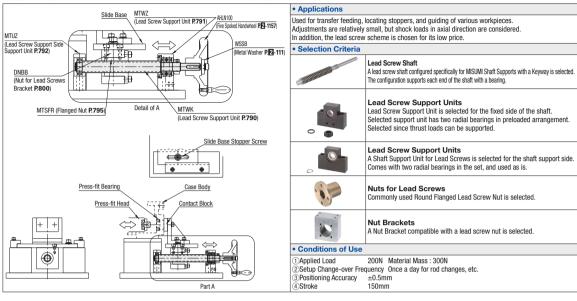
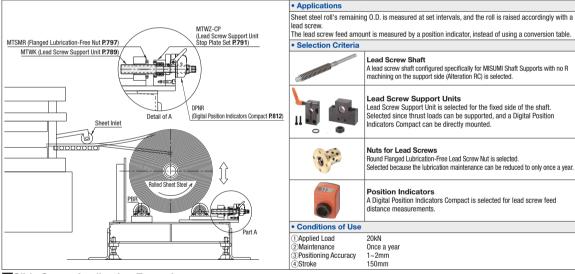
Lead Screw Application Examples

Lead Screw Application Examples

App. Example 1 Machine Name Slide Base Feed Mechanism for Reference Shoulder Adjusting Configuration comprised of Shaft Support Unit for Lead Screws, Lead Screws Shaft, and a Position Indicator.



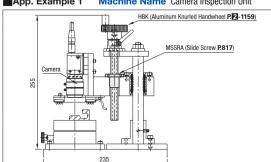
App. Example 2 Machine Name Sheet Steel Roll Base with Adjustment Mechanism Configuration comprised of Shaft Support Unit for Lead Screws, Stop Plate Set, Lead Screw Shaft, and a Position Indicator,



Slide Screw Application Example

With a stainless steel thread shaft and a plastic nut, slide screws can be used without grease and are suitable for use with the screw feed mechanism in clean environments. Slide screws are low cost and offer smooth movements due to their excellent tribological properties.





A slide screw is utilized as the Z axis

Applications A slide screw is chosen for fine adjustability, and can be used without lubrication maintenance. Selection Criteria One End Stepped Type in EN 1.4301 Equiv. is selected. Tribological resin nut is selected for zero grease requirement and good corrosion resistance. Conditions of Use 1)Applied Load 50N 2) Setup Change-over Frequency Once a day for rod changes, etc. 3 Positioning Accuracy +0.5mm4)Stroke 100mm