

# Accuracy and Repeatability in Linear Actuators

*Separate, but related, concepts*



## High Accuracy AND High Repeatability

**Accuracy** is the ability of a linear actuator to reach a commanded position. If an actuator is highly accurate, it will exhibit a high degree of repeatability as well.



## High Repeatability, but Lower Accuracy

**Repeatability** is the ability of a linear actuator to reach the same position time after time. Repeatability is often what's needed in an application rather than accuracy.



## Lower Accuracy and Lower Repeatability

There are applications where positioning tolerances are wider. In those instances lower degrees of accuracy and repeatability are acceptable.