



Flexibility for Metrology

Measurement equipment is commonly used across all industries. Some such equipment, such as dial indicators and profilometers are readily available. As products and processes evolve, customized in-line metrology becomes paramount to maintaining quality and consistency.

Many different types of instruments function using a simple lever over a central (pivot) point. Ball bearings are a typical solution, though often inhibited by stiction and friction and required maintenance.

Free-Flex Pivots are a convenient, frictionless solution that offer many benefits over a typical bearing for sensitive applications, particularly those with fine motions. Notable properties include:

- No increase in starting torque due to stiction
- Capable of infinite life without maintenance
- Vacuum and clean-room friendly

