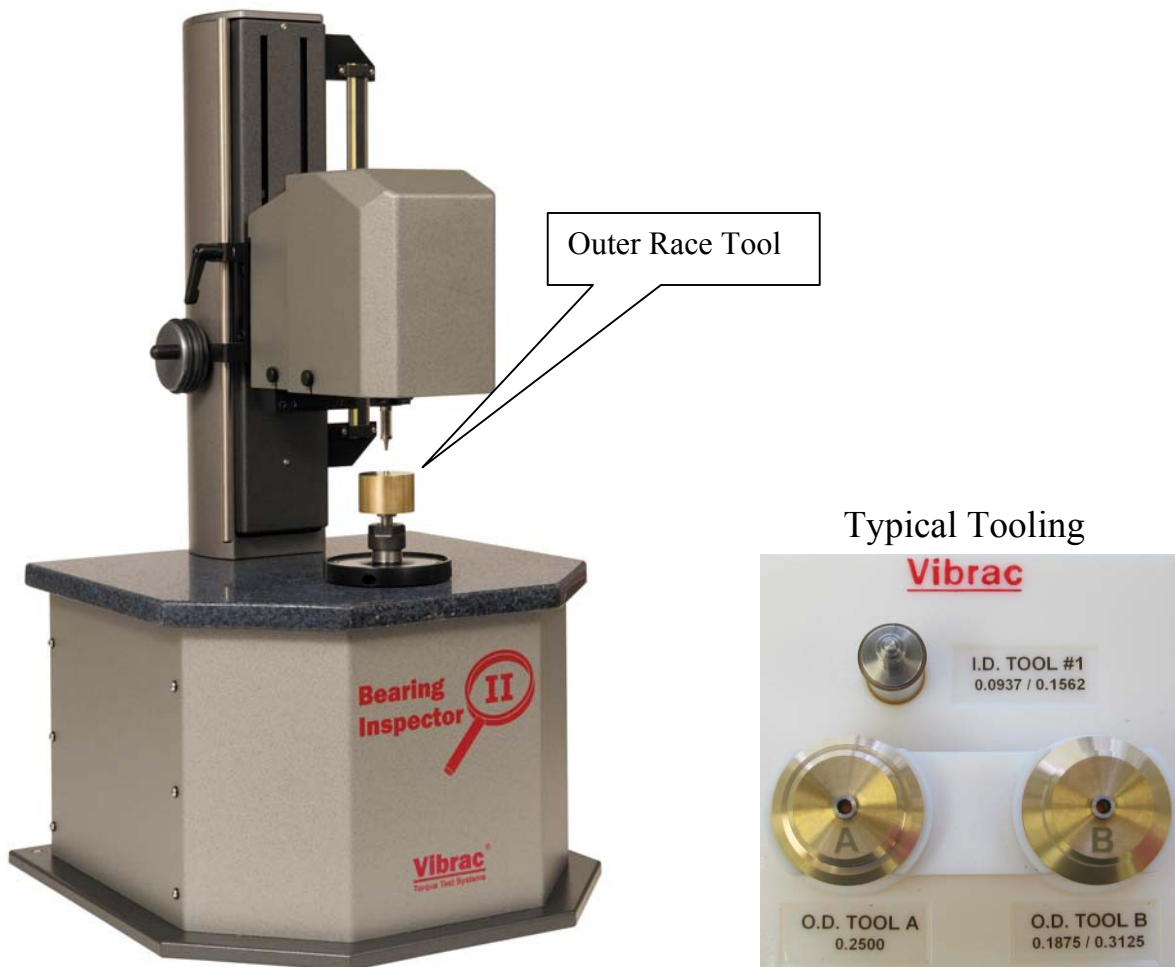


Applying an Axial load

Bench Top System for Instrument series bearings.

Instrument series bearings are normally tested with a dead weight load that is provided by the weight of the outer race tooling.

Instrument Bearings less than .375" (9.5mm) OD are tested with a 75 gram load.
Instrument Bearings greater than .375" (9.5mm) OD are tested with a 400 gram load.



Heavy Load Gage

Bearings requiring a heavy load can be tested using the BRG Heavy Load Gage.

This gage applies the axial load with a dead weight system that is actuated with a lever. The weight is mounted under the table and applies the load by pulling down on the inner (or outer race) tool.

When calculating the axial load the weight of the tool must be taken into consideration. The tooling can be designed to apply the load on either race however we prefer to support the outer race on large bearings

