

Now Mounted Bearings Are Even Easier to Install or Replace

Timken's Double-Nut Design Saves Time, Eliminates Difficult Measuring



Timken's expanded line of mounted bearings now includes spherical roller bearing solid-block housed units in sizes up to 15 inches (380 mm) and each TAA Series unit now has an improved adapter sleeve, designed to simplify bearing replacements in challenging environments

The modified adapter sleeve, in addition to the standard front lock nut, includes a mechanical withdrawal nut on the back end; A simple design that, in turn, simplifies installation and removal of mounted bearings. This nut is factory set for nominal shaft sizes and can be adjusted in the field to accommodate actual (under/over) shaft size if necessary.

Here's how this innovative design can improve efficiency in your operations:

Enhanced Accuracy

The front locking nut is tightened until the back nut stops against the face of the inner ring, indicating that proper bearing clearance and mounting force has been achieved. This eliminates the need for difficult and often inaccurate in-process measurements of radial internal clearance, helping MRO pros reduce time on the job and improve consistency.

Reduced Downtime

The sleeve is then tightened as normal until the back nut stops against the face of the inner ring indicating that proper bearing clearance and mounting force has been achieved. This eliminates the need for often difficult and imprecise measuring of in-process radial internal clearance. Simplifying the installation drastically reduces installation time while improving consistency. (Note: these sleeves will also accept hydraulic nuts.)

Quick Dismount

For dismounting, the front nut is simply loosened so the back nut can be tightened to unseat the sleeve from the tapered bearing bore, greatly assisting in bearing removal.

All TAA Series housed units use a Timken double-row spherical roller bearing to deliver outstanding performance in many types of applications, including mining, steel processing, bulk handling, power generation, forest products and cement. The adapter sleeve can also accept hydraulic nuts!

Whether you need the full bearing and housing assembly or one or more individual parts, our well-stocked inventory enables quick shipment of both standard parts and complete assemblies. Contact your local IBT branch to order a Timken Large Bore Solid-Block Housed Unit today!