



Z LOCK

FYH's new factory produces the patented Z Lock which is the fastest and easiest locking system while allowing for maximum holding power. In a word the Z LOCK is revolutionary.

Z Lock is available in both roller and ball bearing inserts. This true 360 degree locking system allows for quiet running and no damage on the shaft at all.

Just tighten four cap bolts in a star pattern to lock. You will find how easy it is to mount the unit compared with the adapter sleeve locking system.



Z LOCK will be the standard locking system for the next generation.



FYH and the Environment

FYH has moved the foundry and insert making machinery all under one roof. This allows FYH to keep extremely tight tolerances between the housings and inserts. The tight tolerances allow 100% interchangeability, any insert can fit into any housing with the same tight fit.

Additionally, all the scrap chips from the machining of the castings and steel pipes makes great material for the new castings. FYH's new factory has the perfect recycling system.





FYH

FYH is pleased to announce the grand opening of our new factory in Qinhuangdao, China. FYH has been producing the finest mounted pillow block units for over 65 years in Japan and for over 23 years in our China factory. Our new factory in Qinhuangdao at 105,000 m² or 1.13 million square feet is one of the largest mounted ball bearing factory's in the world under one roof. The new factory will have a much larger capacity, allow for quicker manufacturing times, and exports from one location allowing for faster delivery. **The new factory will allow FYH to continue to offer the highest quality bearings in the world for decades to come.**





New foundry has more than double the capacity of before.

FYH has added two new three ton capacity electric furnaces adding to our existing two three ton furnaces. The furnaces can cast gray iron and ductile iron castings 24 hours a day while still maintaining the highest control standards. We make all our molds in house and offer a broad range of styles and casting types.



Floback seals protect ten times better while having the same rotation torque.

Floback seal will be FYH's standard seal for all sizes in the new factory. This original stamped seal won't alter the roundness of the OD (outside diameter) of the inserts which makes for a better fitting between the inserts and housings.



FYH original EXTRA SOLID housings seat better and reduce vibration.

EXTRA SOLID the strongest housings in the world are being reborn and will be even better looking in our new foundry. The new sand treatment makes better sand molds for the castings, and allows a smoother design. The better surface of EXTRA SOLID along with our thick powder coated painting process will resist rust for a long time.



Heat Treatment Lines

The new heat treatment machines provides steady high quality inner and outer rings. FYH's new vacuum furnace has been added to **manufacture the full stainless steel line-up.**

FYH QUALITY

All sizes in new factory are guaranteed to FYH's high quality standards. Every FYH grinding and assembly line has the integral inspection points during every stage of the production process.

All machines are designed by FYH.

All machines producing FYH housings and bearings are designed by FYH. FYH machines incorporate the latest technologies inside of them. The machines are maintained in house regularly and continually updated to have smaller tolerances and faster machining speeds. Every machine will be shipped to FYH Japan to be