

The term “accessories” involves standard machine components used for locating rolling bearings on a shaft. These are: adapter sleeves, withdrawal sleeves, locknuts, and lockwashers.

Adapter Sleeves

Adapter sleeves are used to locate double row self-aligning ball bearings and double row spherical roller bearings with tapered bores on cylindrical shafts. They permit relatively wide tolerances for the shaft diameter and makes it unnecessary to heat or press fit the bearing on the shaft.

Withdrawal Sleeves

Withdrawal sleeves are used to locate tapered-bore double row spherical roller bearings on a cylindrical shaft and to facilitate easy bearing removal for inspection of machine parts and maintenance operations. The taper of a withdrawal sleeve is in the opposite direction of an adapter sleeve.

Locknuts and Lockwashers

Locknuts and lockwashers are used to locate a bearing’s inner ring on an adapter sleeve or directly on a tapered shaft. A locknut is also used when dismantling a double row spherical roller bearing that was previously mounted on a withdrawal sleeve.