

Fixing Method Reference of the Inner Ring



1. SKF bearing shoulder fixing

The inner ring of the bearing is axially fixed by means of the shoulder and the interference. Suitable for supporting structures fixed at both ends. The structure is simple and the outer dimensions are small.

2. SKF bearing circlip fixed

The inner ring of the bearing is axially fixed by the shoulder and the lock nut. Can withstand small bidirectional axial loads. The axial structure is small in size.

3. SKF bearing lock nut fixed

[The inner ring of the SKF bearing is axially fixed by the shoulder and the lock nut.](#) And the retaining washer is anti-loose, safe and reliable, suitable for high speed and heavy load occasions.

4. SKF bearing end face thrust washer fixed

The inner ring of the bearing is axially fixed by the shoulder and the shaft end retaining ring. The shaft end retaining ring is screwed to the shaft end. The fixing screws should have a locking device.

Applicable to occasions where the shaft end is not suitable for cutting threads or space is limited.

5. SKF bearing adapter sleeve fixed

[The axial fixation of the inner ring of the bearing is achieved by the radial dimension of the inner bore of the adapter sleeve being compressed and clamped onto the shaft.](#)

6. SKF bearing's withdrawal sleeve fixed

The withdrawal sleeve is clamped in the same way as the adapter sleeve. However, due to the

special nut, the unloading sleeve is convenient for loading and unloading, and is suitable for fixing the double-row spherical bearing with large radial load and small axial load on the optical axis.