



## **The holder should also conduct a comprehensive arrangement.**

Performance requirements for bearing can achieve completely new bearing

It is very important to choose suitable quenching medium, it determines and mechanical properties of NTN bearing parts after quenching quenching medium organization, usually with solid, liquid and gas three, according to the deep groove ball bearing quenching medium state changes into occurrence changes of state and change of state class does not occur.



Deep groove ball bearing the workpiece in a heat treatment furnace heated to complete austenitizing, to obtain the required organization and performance, the need for quenching treatment. After cooling the workpiece to get martensite organization, the cooling rate must be greater than the critical cooling rate, but the cooling speed can make the workpiece volume shrinkage and organizational change violently, causing great stress. Therefore to obtain martensitic condition of "F", should make the cooling rate as low as possible.



NTN bearing performance correctly after the repair of the same with the new bearing. The clearance parameters can achieve the accuracy of the new bearing requirements, the important thing is to know and identify the damage degree to choose the correct repair scheme. Such as surface grinding treatment can remove minor loss of certain,



but cannot eliminate the fatigue layer real, unable to clear the debris caused by depression or wear. Therefore, if only the NTN bearing surface finishing processing, generally not suitable for deep groove ball bearing serious injury. And if after remanufacturing repair technology is comprehensive, fatigue layer bearing is eliminated



thoroughly, and the rolling body to conduct a comprehensive replacement,