



## [SLT 08- Dismounting of Rolling Element Bearings](#)

Ver 1.1

### **Topics Covered**

Basic Principles – Cold Dismounting (Bearing with Cylindrical Bore – Bearing with Tapered Bore) – Hot Dismounting (Safe Dismounting – Unsafe Dismounting) – Dismounting Tools – Bearing Damages and Failures - Do's and Don'ts – Practical Tips – Exercise.

### **The significance**

When shafts and bearings are damaged during the dismounting of bearings, there is always a cost associated with it, in terms of both time and material. In addition, the use of the wrong tools and techniques for dismounting can be hazardous to the operator. This SLT basically gives information about as to how dismounting of bearings can cause damage to both the bearings and associated components, if incorrect tools and techniques are used and demonstrated ways to avoid the same. This SLT also discuss in detail the bearing damages and failures.