The vise, sometimes called the third hand (but no hand can grasp work as firmly as a vise) is the indispensable tool in the tool room or home workshop. Vises are usually mounted on a workbench or a similar firm support, to hold the material to be worked on. There are eight basic categories of vises and many special purpose vises. While most of these vises can be used for a wide variety of work, it is important to select the vise most suitable for the prime application and strong enough for any work required.

**TYPE**

- Machinist's Vise
- Utility or Workshop Vise
- Automotive Vise
- Woodworker's Vise
- Clamp-On Vises
- Pipe Vise
- Milling Machine Vise
- Drill Press Vise

**FIG. 27.** It is important to mount any vise with the stationary jaw projecting slightly beyond the edge of the workbench so that long work can then be clamped in the vise without interference from the edge of the workbench.

**CHIEF APPLICATION**

- Heavy industrial work
- For light work and home workshop
- Service station work
- Carpentry and general wood work
- Light work requiring portability
- Plumbing and pipe work
- For milling machine work
- To hold work on a drill press