

Self-Centering Vises Provide Fast, Accurate Clamping of Odd-Sized Workpieces



Kurt self-centering vises improve machining center productivity by positioning and clamping workpieces precisely and quickly on a defined symmetrical axis. Available in two sizes, these vises can be used in any mounting position and provide a large clamping range for odd-sized workpieces. For maximum productivity, they quickly and easily align in a series on a machine worktable.

Centering accuracy for these vises from minimum to maximum opening is 0.0006 in. with 0.0002 in. repeatability. Both moveable jaws are designed with the famous Anglock. This is the unique pull-type jaw clamping design that minimizes jaw deflection.

The self-centering vises feature durable 80,000 PSI ductile iron bodies with precision machined steel components. This is important to machinists who want rugged strength, extra part holding rigidity, and long-term accuracy while absorbing machining vibration.

Additional features include: hardened jaws, hardened bed ways, chip guards, lip seals on main screw, and optional InnerLock jaw plates to further minimize setup time.

The two Kurt self-centering vise models are: a four inch jaw width (Model SCD430) and a six inch jaw width (Model SCD640). Jaw opening on the four-inch model is 6.25 in. and 8.0 in. on the six-inch model. Both are backed by Kurt's exclusive lifetime "Iron Clad" warranty for workmanship and materials.

Source URL (retrieved on 01/30/2015 - 5:26pm):

http://www.mdtmag.com/product-releases/2010/08/self-centering-vises-provide-fast-accurate-clamping-odd-sized-workpieces?qt-video_of_the_day=0