

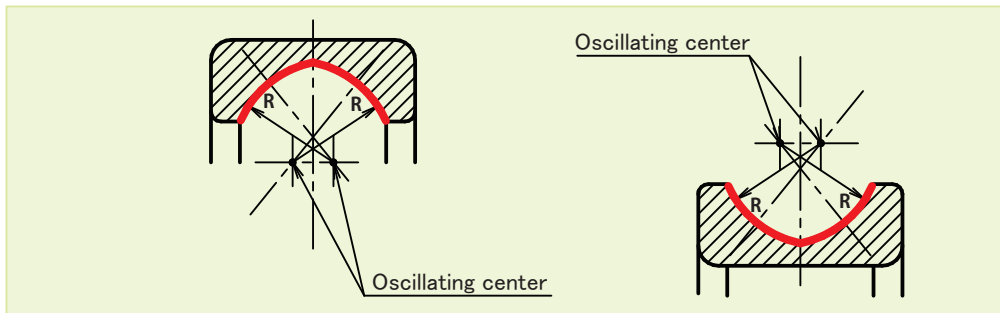
Seibu Fully Automatic Centerless Stone Lapping Machine

Model STK-200WT-A & -B

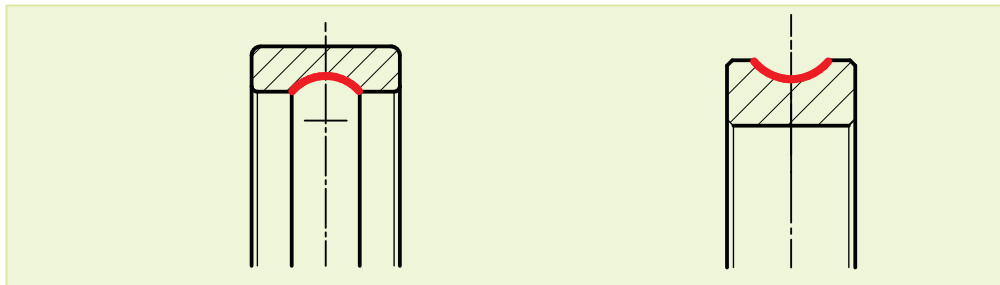
Application Chart

This machine adapts a direct-driven system by the servomotor for an oscillating arm. The servomotor drives with the latest control program, and an oscillating stone head oscillates smoothly as if it moves like describing sine curves. Backlash caused by the conventional cam-type machines has been eliminated, and vibration has been minimized even at the high-frequency oscillation, giving the STK-200WT models to achieve high precision stone lapping processes. Angle settings and positionings of the oscillating axis during set-up changes are easily carried out by inputting workpiece sizes into the touch panel. Indexing of precise oscillating angles allows the machine to process gothic arc grooves with high precision.

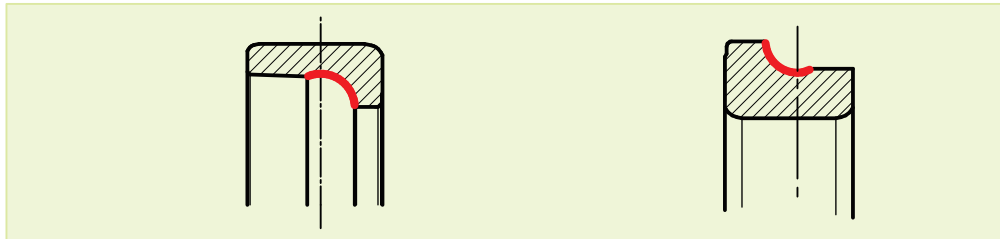
Four points contact ball bearing (Gothic arc groove)



Single row deep groove ball bearing



Single row angular contact ball bearing



Double row angular contact ball bearing

