



Revision: June 2025

## **Nomad Pivot Operation Instructions**

### **The Nomad Detent Pivot:**

The Nomad Gen-III Detent Pivot is a completely new and uniquely designed mechanism. It makes use of elastomer springs, ball bearings, and pressure plates with ball tracks and detents. I designed it specifically for the Nomad folding cleaver, to provide an improved blade locking solution over the Gen-I friction pivot design. The entire mechanism works within the small ( $\frac{3}{4}$ " ) confines of the Nomad's pivot housing block.

The mechanism has been designed to give a long service life, and all internal components can be easily replaced during a re-build. However, the Nomad's Detent Pivot is not completely resistant to misuse or abuse. Proper operation is required in order to prevent damage and premature wear.

### **Opening the Nomad's Blade:**

- From its finger-tightened (locked) position, loosen the Thumbscrew by  $\frac{3}{4}$  of a turn.

Use the engraved symbol as a visual guide.  $\frac{3}{4}$  of a turn ( $270^\circ$ ) will disengage the detent locking mechanism. The internal pressure plates will continue contact with the ball bearings and will also support blade alignment via spring pressure.

- Swing the blade open, passing through the  $90^\circ$  detent and ending at the  $180^\circ$  (full-open) detent.

As the internal ball bearings pass out of the detents, the pressure plates will back off to allow .002" clearance between the blade surface on each side. Feeling this clearance while swinging the blade between the detents is to be expected. Keep the blade relatively centered throughout the opening swing without introducing undue side force.

- Once the blade is open, finger-tighten the Thumbscrew firmly to lock.

Tightening the thumbscrew will engage the detent locking mechanism. The blade will be effectively locked with all side play eliminated, allowing for solid cutting functionality.

### **Closing the Nomad's Blade:**

- Simply reverse the operational steps above.

### **Additional Notes:**

- Tighten the thumbscrew (to lock the blade) only in the fully open,  $90^\circ$ , or fully closed positions.
- Always loosen the thumbscrew by  $\frac{3}{4}$  of a turn before opening or closing the blade. Never force the blade open or closed.
- Over-loosening of the Thumbscrew will introduce too much clearance in the mechanism, and thus not support the blade properly during the opening/closing swing.
- When swinging the blade open or closed, do not apply undue side force on the blade. Too much side force will overcome the blade guidance and can eventually create micro-scratches on your finely finished blade.
- For long-term storage, the thumbscrew can be loosened by 1 full turn (from the locked position). This will relax the elastomer springs, minimizing any 'setting' condition over time. Tighten the thumbscrew again when the Nomad is put back into service.