

Insert-Pro™ 1-pc. Rail & Stile Shaper Cutter for Cabinet Doors

84-19x

Congratulations on your purchase of the Infinity Cutting Tools Insert-Pro™ 1 pc. Rail & Stile Shaper Cutter. We're confident that you will appreciate the versatility and exceptional performance of this customizable shaper cutter system.

Before using your new Insert-Pro™ Rail & Stile Cutter, please read through these easy-to-follow instructions. If you have any questions about setup or use of the system, contact us directly and one of our experienced technicians will be able to assist you. Take special notice of any highlighted areas in these instructions as they contain important information about the setup of your system, and please take all necessary precautions to ensure that you are working in a safe environment and manner.

- **Knife Installation Instructions**

- Loosen the two (2) set screws in the cutter body RSB-001 and remove the clamping gib and knife (if installed).
- Choose the appropriate profile knives for your project
 1. Replacement profile knives for the 1pc. Rail and Stile Cutterhead RSB-001 are interchangeable and available in multiple profiles.
 2. All [CIK-19X knives](#) will work in the RSB-001 Cutterhead (two required per cutterhead)
 3. When replacing knives, ensure that the cutterhead is clean and free of sawdust and buildup so that the knife can seat properly.
- **Install the knife and gib into the cutter head**
 1. Ensure that the pins in the gib mate with the holes in the knife.
 2. Ensure that the knife fully seats into the cutter body.
 3. Ensure that the knife is fully seated against the Stop Screw at the top of the cutter body.
 4. Ensure that the flat side of the knife is against the gib and that the profiles of the knife and body match properly.
 5. Tighten the set screws in the body to secure the knife and gib.
 - Do not overtighten the screws. Use the included T-handle wrench to avoid over tightening. Tighten to 26In-lb (3Nm)
 6. Repeat steps 1-5 for the second knife.

- **Cutterhead Installation Instructions**

- The Cutterhead can be installed for either standard or reverse rotation.
 - For standard (counterclockwise) rotation, the material will be cut in a face-up orientation
 - The Stile cut will be made with the lower portion of the cutterhead
 - The Rail cut will be made with the upper portion of the cutterhead
 - For Reverse (clockwise) rotation, the material will be cut in a face-down orientation
 - The Stile cut will be made with the upper portion of the cutterhead
 - The Rail cut will be made with the lower portion of the cutterhead
 - When using a rub collar, ensure that the collar spins freely. A thin shim may be necessary to provide proper clearance between the Cutterhead and rub collar depending on the position of the rub collar

- The proper rub collar for use with the Insert Pro 1 Pc. Rail and stile shaper cutter is [RUB-104](#) or other 3-1/4" OD rub collar
- The 1Pc. Insert Pro Rail and stile Shaper Cutter is a 1-1/4" bore cutter for use on 1-1/4" spindle shapers. The Cutter can be used on shapers with smaller diameter spindles with the addition of the appropriate size [T-Bushing reducers](#)
- Not recommended for use in 1/2" spindle shapers