

SELF-CENTERING SHELF PIN BITS

1/4"	22567
5mm	22575
7/32"	34342
9/32"	34368

APPLICATION:

Self-centering drill bits for use with the Rockler Shelving Jig.

Self-centering drill bits:

- 22567: 1/4" bit; use for 1/4" shelf pins
- 22575: 5mm bit; use for 5mm shelf pins
- 34368: 9/32" bit; use for 1/4" shelf pin sleeves
- 34342: 7/32" bit; use for 5mm shelf pin sleeves

Replacement cutting bits:

- 22583: pair of 1/4" cutting bits for 22567
- 22591: pair of 5mm cutting bits for 22575
- 34316: pair of 7/32" cutting bits for 34342
- 34329: pair of 9/32" cutting bits for 34368

Note: can not use one size cutting bit with a different size assembly; for example, can not use cutting bit 34316 in Self-centering Bit assembly 22567.

REPLACEMENT CUTTING BIT INSTALLATION:

1. Using a 1/4" Allen wrench, loosen the set screw just enough to allow the cutting bit to slide out of the Self-centering Bit body. **Do not loosen the set screw further, or the entire assembly will spring apart.**
2. Slip a replacement cutting bit, shank-first, back into the Self-centering Bit body.
3. Hold the tip of the bit assembly nose down against a piece of scrap wood, so that the tip of the cutting bit is flush with the end of the bit nose, and tighten the set screw to secure the cutting bit. If the tip of the cutting bit is set further inside the bit body, the cutting bit can hit the inside of the bit nose, which will dull the bit prematurely or possibly cause the bit to break. If the tip of the cutting bit sticks out beyond the bit nose, the bit nose can chip the edges of the holes in the shelf jig.

SELF-CENTERING BIT RE-ASSEMBLY:

1. Remove the C-clip from the girdle-slot in the bit Body.
2. Loosen the Set Screw until it does not protrude inside the Hex-shank Mandrel.
3. Slide the Plunger out of the bit Body, and slip the brass Washer over the Plunger, with the flat side of the washer pointed away from the bit Body.
4. Slide the end of the Plunger with the side-hole into the Hex-shank Mandrel – make sure to align the side-hole under the Set Screw.
5. Tighten the Set Screw slightly; enough to keep the Plunger from slipping back out of the Hex-shank Mandrel.
6. Slide the spring over the bit Body, from the Nose end, up against the brass Washer.
7. Slide the silver Washer over the Spring, from the Nose end, up against the Spring.
8. Compress the silver Washer and Spring enough to expose the girdle-slot in the outside of the bit Body.
9. Snap the C-clip into position in the girdle-slot.
10. Re-install the Cutting Bit as instructed above.

