

LIXU Universal Indexing Attachment

This attachment will add indexing ability to lathes that do not have an indexing mechanism built in.

Specifications

- Lathe must have a split bed for mounting.
- Requires a headstock spindle of 1" x 8 tpi to mount the index wheel.
- Attachment fits lathes with a 12" to 16" Swing.
- May be positioned from front or rear of Spindle
- For cutting indexed flutes - requires a fluting jig - PSI #LIXGA or similar (See Fig. 3).
- Allows Lathe chucks and other accessories to mount at the same time
- Can be used without the index wheel if your Chuck or Faceplate has matching indexing holes or grooves.

Mounting

- Screw the index wheel (or chuck or indexing faceplate) onto the lathe headstock.
- Mount the Attachment to align with the wheel. Use any index hole to be level with the index pin.
- Secure the attachment to the split bed with the mounting plate as shown in the illustration.
- Raise or lower the adjustable bar until the adjustment pin aligns horizontal with the hole on the index wheel. Secure the bar with the lock handle.

Use

- Mount your work onto the headstock with the index wheel pre-mounted to the spindle
- Advance and withdraw the index pin and rotate the index wheel to the indexing positions necessary (see fig 2).
- The index wheel has 24 grooves, the turning's sections can be made in multiples of 24, 12, 8, 6, 4, 3 and 2. For example, to make 8 equal sections, mark your work at 1, 4, 7, 10, 13, 16, 19 and 22. Advance the indexing pin to lock the index wheel in place until it engages the hole in the index wheel to secure the position.

Optional accessory - use the PSI Fluting jig #LIXGA as shown below (Fig 3) for fluting spindles.

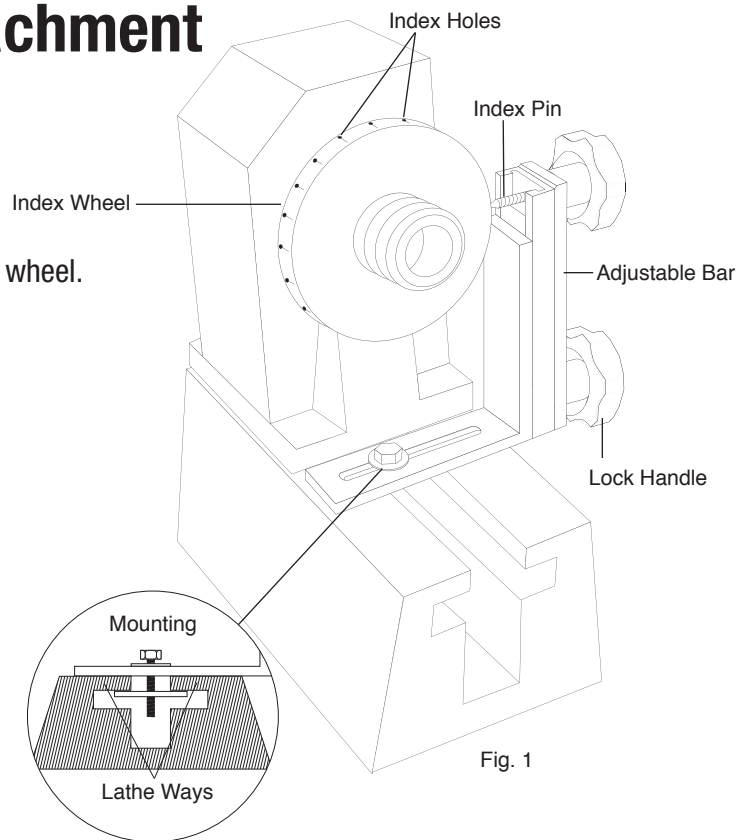


Fig. 1

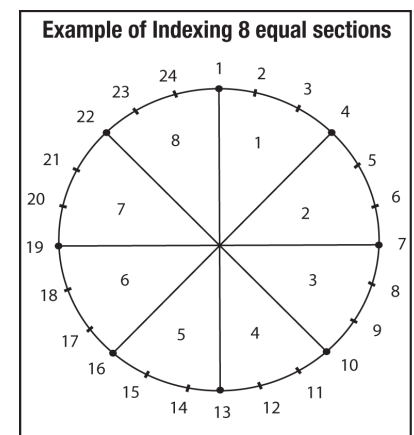


Fig. 2

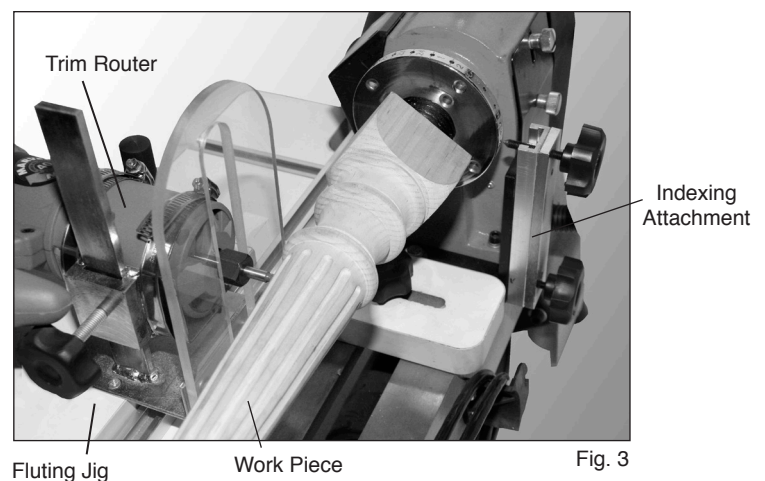


Fig. 3