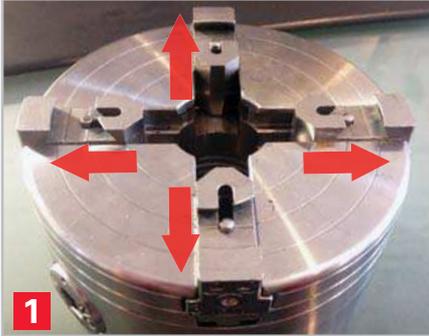




Infinity Chuck

How to Quick Change



1



2



3



4

Method: Infinity chuck on lathe, push pin/handle engagement

Mounting

1. If your lathe has a spindle lock, you may wish to lock this now, as it makes it easier. You may wish to lock and unlock the spindle to rotate and present the chuck for Collet mounting as you go, or you may wish to just lock the spindle and work around the chuck as you go – whatever you find easier.
2. First ensure that the jaw slides are all at outermost edge of the chuck – use the handle to move the Jaw slides out as far as they go. See picture 1.
3. Ensure that you have the Collets (4-1) in order.
4. Identify the Jaw slide #4, you want to push the #4 Collet into the #4 Jaw slide, and continue counter clockwise, all in sequence, finishing at #1 Jaw slide.
5. You will be entering from the right, the unlock side (see the symbol on the Jaw slide).
6. Identify the push pin on the Jaw slide. Grasp the handle in your left hand, and push in the handle so that the mechanism is engaged. See picture 2.
7. With your right hand, hold the ends of the Collets between your thumb and forefinger.
8. Present the Collet to the edge of the recess.
9. Using your thumb, apply pressure to the right edge of the Collet. The Collet should slip easily and quickly into place.
10. You may not hear a snap due to the push pin engagement, so you will need to wriggle the jaw to ensure it is seated home and locked correctly.
11. Proceed to complete the same action for all 3 remaining Jaw slides, finishing with #1 Jaw slide.
12. Release spindle lock, rotate the chuck, checking each Collet to ensure engagement and locked before starting your lathe

Removal

1. Engage the push pin on the handle to depress the push pin in the Jaw slide.
2. Using your thumb, apply pressure to the left side of the Collet. Push the Collet towards you.
3. Collet should easily and simply slip out.