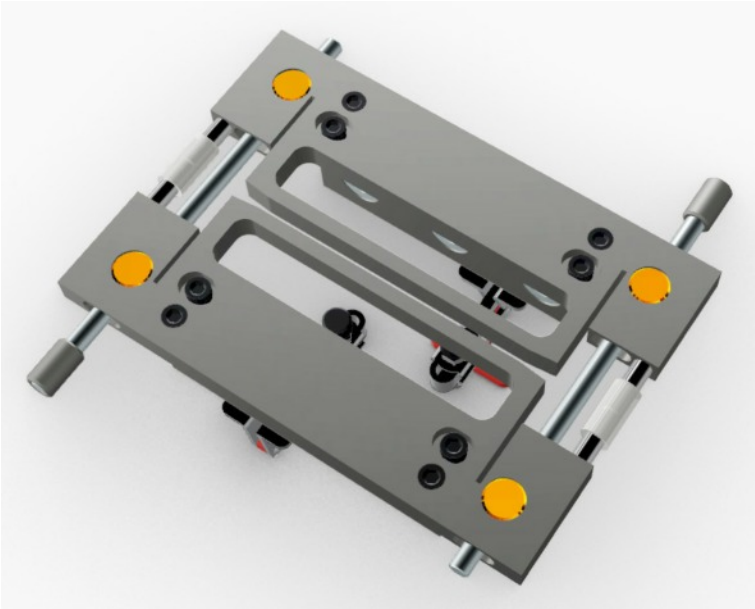
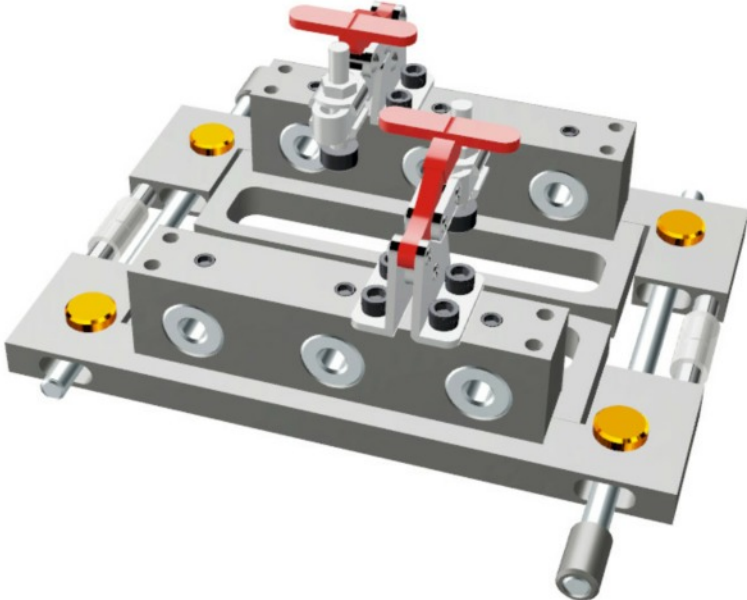
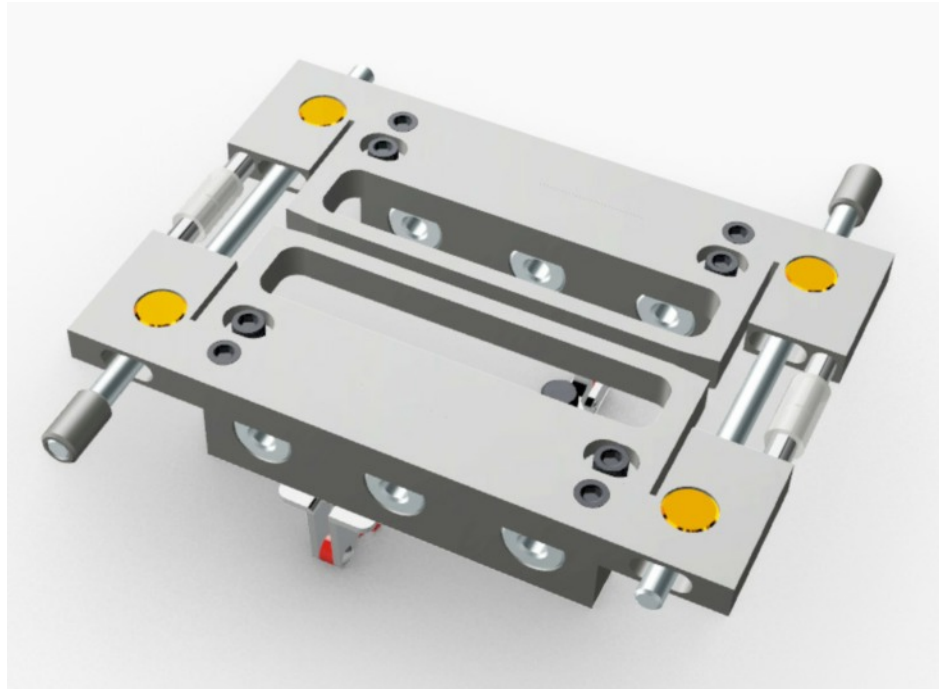


SLOT HEAD FIXTURE



SLOT HEAD FIXTURE

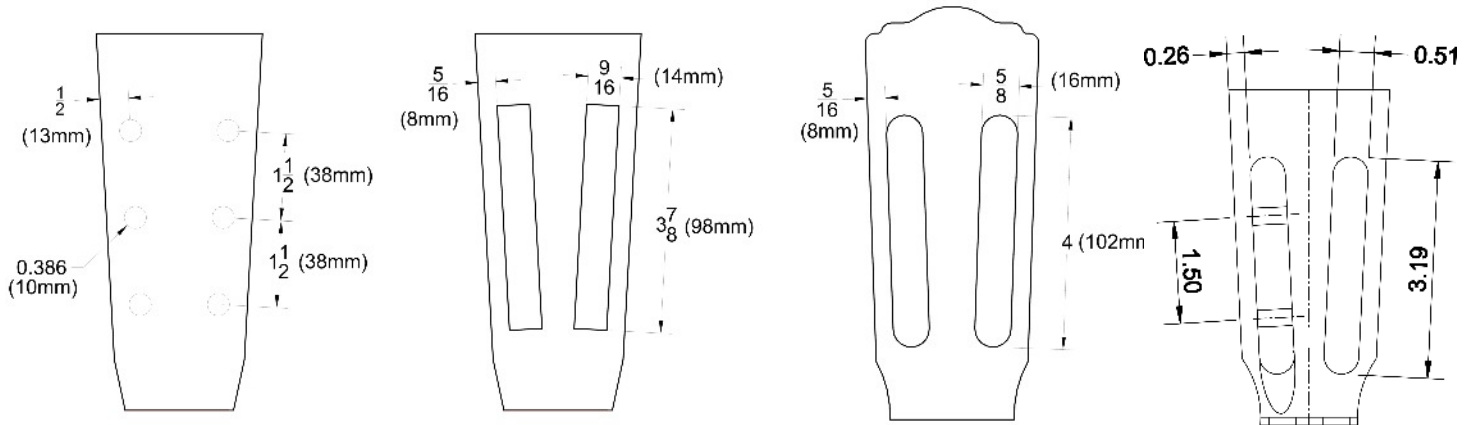
The Slot Head fixture is all you need in one tool! Its dual-sided, self centering design takes the guesswork out of headstocks alignment! No measuring required simply clamp it to the headstock, drill the machine holes and cut the slots all in one setup. Two sets of drill bushing are available, one for a 1/4 inch and 13/32 inch drill. The templates that are included are our standard size, but custom sizes can be machined to your specifications.



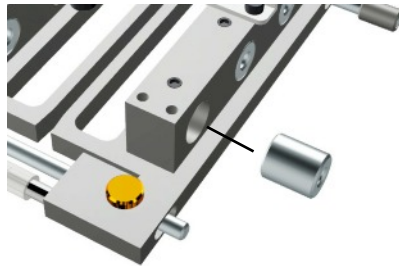
S A F E T Y

1. **ALWAYS** wear safety glasses or a face shield.
2. **DO NOT** wear loose clothing, gloves, neckties, or jewelry. Wear protective cover on hair and prevent contact with moving tool. These items can get caught in tool during operation and pull operator into moving part.
3. **KEEP** children away.
4. **KEEP** visitors at a safe distance.
5. **WEAR** a dust mask all times.
6. **ALWAYS** turn off motor before making any adjustments.
7. **NEVER** leave running tool unattended.
8. **ALWAYS** make sure all screws are tight and any hardware is removed from or near tool before starting.
9. **SECURE** all work pieces before starting.
10. **ALWAYS** keep cutters bit sharp.
11. **ALWAYS** keep work area clean.
12. **DO NOT** operate tool if under the influence of drugs or alcohol.
13. **DO NOT** adjust tool while running.

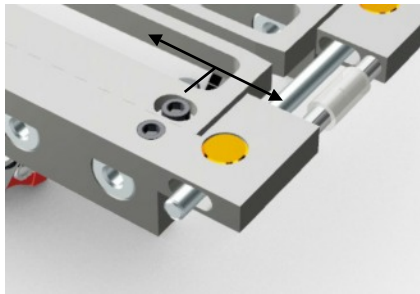
STANDARD SLOTS



SET UP

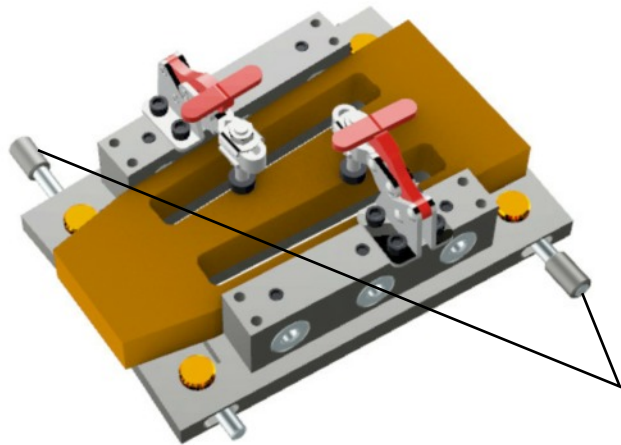


To exchange drill bushings, loosen 1/4-20 set screw until bushing comes out replace and tighten.



To exchange templates simply loosen screws replace template and tighten screws. Make sure that the template is aligned with respect to the drill bushings and other template, oblong holes in template are provided for this adjustment.

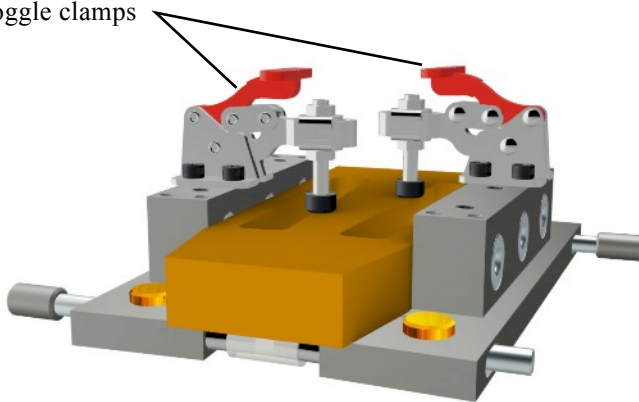
O P E R A T I O N



Place the head stock in tool, position head stock to where you would like to place the slots and machine holes, then tighten the two side knobs until the tool is tight on the head stock sides. The tool will automatically center itself, one side will be the same as the other.

Side clamping knobs

Toggle clamps



Once the head stock is clamped in place, tighten the Back clamping knobs this will insure that the headstock is secure.

Set drill depth using a drill stop.

At this time drill out the machine holes before cutting the slots.

The templates are designed for a 3/8 OD guide with a 1/4 inch spiral down cut bit (that is 1/16 inch template offset). We strongly recommend to first remove most of the material before routing the final cut. This can be done by using a larger template guide (7/16 OD or over) and using the same 1/4 inch bit, or using any template guide-router bit combination that will leave approx. 1/32 to 1/16 inch of material on all sides of the slot so that a small amount of material is removed for the final cut.

Make sure that the template bushing does not come out of the template, you don't want the router bit to touch the template sides.

When removing material for the rough cut make **small depth increments**, don't try to cut the whole depth at once. Always use air supply to blow out slot during rough cut, the material has nowhere to go and will accumulate.

L u t h i e r T O O L C o m p a n y L L C
L u t h i e r t o o l . c o m