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Frequently Asked Questions

Adjusting the laser modules on the NOVA Viking Drill Press
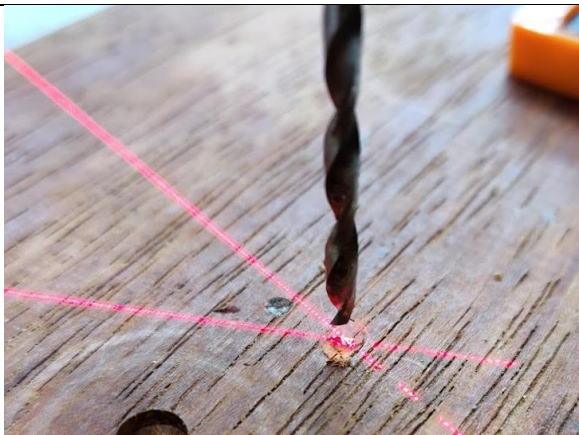
Date Raised: 13 March 2020	Safe practices should always be employed to ensure the Health and Safety of yourself, employees and customers (if applicable) Refer to product manuals, exploded drawings and our website if further assistance is required, or contact us on service@teknatool.com
Date Amended	
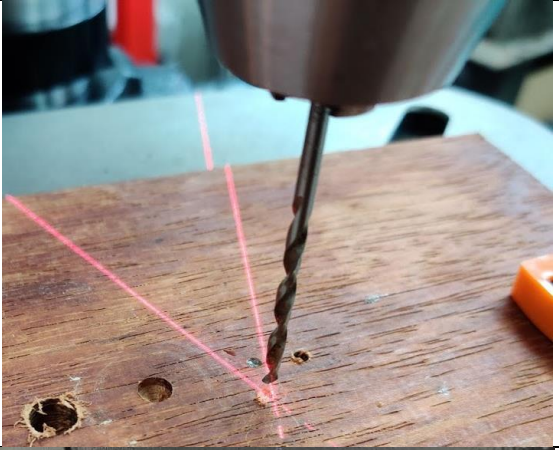
Tools required to adjust the laser modules on the NOVA Viking Drill Press:

1. 2.5mm Allen key
2. Drill bit with a length of choice
3. Workpiece with a thickness of choice
4. Table clamp (Useful but not essential)

Step No.	Description	Image
1.	Loosen the laser locking grub screw to free the laser modules enough so that it can be adjusted by hand but not to fall out from the headstock.	
2.	Adjust the drill press table to the desired height and firmly lock the table.	

3.	Attach the drill bit of choice onto the drill chuck and firmly lock the chuck using the chuck key. **Note:** The image shows a keyless drill chuck however the procedure will be identical with the keyed chuck.	
4.	Place the workpiece with a thickness of your choice onto the table right beneath the drill bit. **Note 1:** It would be good to clamp the workpiece onto the table. **Note 2:** The workpiece of choice should be at a similar thickness to the workpiece that you are intending to drill into.	
5.	Turn on the drill press motor and make a very fine mark into the workpiece of choice. **Note:** Use a marker to highlight the mark if needed.	
6.	Turn the laser ON if it is not turned on already. Adjust each module by hand so the emitted laser line coincides with the mark on the workpiece. ### Safety Warning: **Do Not** directly look at the laser emitted from the laser module. It may result is a loss of sight. Always look at the laser line shown on a surface.	

7.	Lock the laser modules in place by using the Allen key. Finger tighten the laser locking grub screw as shown in the image as that will provide sufficient locking strength. **Tip:** Hold the laser module by hand when tightening to avoid misalignments due to friction.	