

Frequently Asked Questions

What is the Spindle Index on the Nova 3000?

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Safe practises 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:

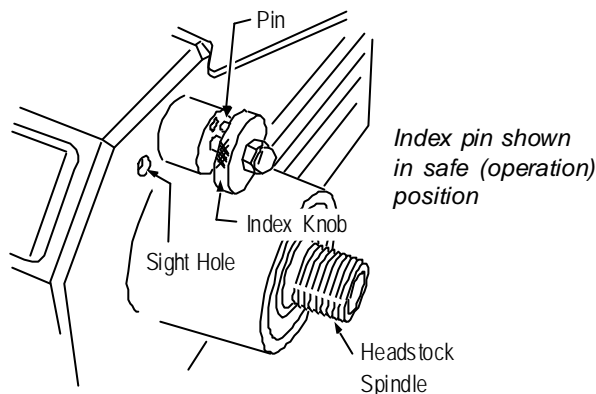
Question: I have heard of an indexing function on the Nova 3000 lathe. Where is it located and how to you use it? *Mr Johnson, Calgary, Canada*

Answer: The Indexing function is located on the headstock, close to the spindle. It's function is to lock the spindle - useful for getting chucks or faceplates off the spindle, but the Nova 3000 also has an additional feature for this spindle lock. Using the numbers on the pulley, which can be viewed through the sight hole, you can use the lock to create up to 24 divisions for projects like inlaid clocks and so on.

Spindle Index

The spindle index pin locks the headstock spindle. It is selectable in 15 degree increments (24 divisions). There is sight hole to read index numbers (0 through 23).

1. Stop the lathe.
2. Pull the index knob and turn it left until the pin drops into the hole. To lock the spindle it must engage into a hole in the headstock pulley.



Warning!

Make sure the index pin is out before operating the lathe. The pin should drop into the indentation in the headstock to prevent it from engaging while the spindle is turning.

Divisions	Index Number	Degrees
2	0,12	180
3	0,8,16 (every 8 th)	120
4	0,6,12,18 (every 6 th)	90
6	0,4,8,12,16,20 (every 4 th)	60
8	0,3,6,9,12,15,18,21 (every 3 rd)	45
12	0,2,4,6,8...22 (every 2 nd)	30
24	every hole	15