



Quick Index Quill Feed Handle 556441

INTRODUCTION

The Quick Index Quill Feed Handle replaces the standard Quill Feed Handle and Hub. The new Index Handle Assembly is held to the Hub Adapter with a strong rare-earth magnet. A hardened steel pin in the Index Handle engages one of the holes in the Hub Adapter and allows you to position the handle in ten different locations. With a second Hub Adapter mounted to your machine, you can move the handle from one side of the Headstock to the other very quickly.

Safety

WARNING

- ✓ **Read, Understand and Follow all instruction in the Mark V/Mark 7 Owner's Manual and these instructions before using this accessory.**
- ✓ **Make sure the machine is turned off and unplugged before installing the Quick Index Quill Feed Handle.**
- ✓ **Always use proper Safety Equipment and Procedures when operating machines.**
- ✓ **Be sure to tighten all setscrews securely before using.**

Tool Required

- 5/32" Allen Wrench

INSTALLATION

Installation is simple. It requires you to remove the old Quill Feed Handle and install the Hub Adapter, using your 5/32" Allen wrench.



PARTS LIST

1-523071	Index Handle Assembly	1
2-523067	Hub Adapter (incl. 3)	1
3-102388	Setscrew	1
4-854678	Instruction Manual (not shown)	1

1. Remove the old Quill Feed Handle and Hub from the Headstock by loosening the Handle in the Hub and slipping it off the Quill Feed Shaft, as shown in Figure 1.



Figure 1



Figure 2

2. Use the 5/32" Allen Wrench to loosen the setscrew in the new Hub Adapter. Slip the Hub Adapter over the Quill Feed Shaft. Align this setscrew with one of the recesses on the end of the Pinion Shaft and tighten the setscrew securely with the 5/32" Allen Wrench, refer to Figure 2.

- Slip the center hole of the Index Handle Assembly over the center shaft of the Hub Adapter and slide it towards the Hub Adapter, aligning the pin in the Index Handle with any one of the ten holes in the Hub Adapter. See Figure 3, the magnet will pull the two parts together



Figure 3

NOTE

If you have purchased a second Hub Adapter, install it at this time to the other end of the Quill Feed Shaft, see Figure 4.



Figure 4

USE

This new Index Handle is used the same way as your old Quill Feed Handle for drilling, horizontal boring, mortising, disc sanding or any other Quill adjustment. You now have ten location positions so the Quill Feed Handle can be set just right for the operation you are working on. If you have a second Hub Adapter, you can move the Quill Feed Handle from one side of the Headstock to the other without the use of tools or taking the time to unscrew the

handle in the Hub and retighten it in its new location. With the magnet and pin system, repositioning the handle to the exact location needed is a simple pull, rotate and slip back in position.

- To reposition the Quill Index Handle, simply pull the center Handle Hub away from the Headstock, parallel to the Quill Feed Shaft, as shown in Figure 5.



Figure 5



Figure 6

- Rotate the handle to its new position and slip the pin in the nearest hole in the Hub Adapter. Allow the magnet to pull the Hub Adapter and the Quill Index Handle together, see Figure 6.

NOTE

To separate the Hub Adapter from the Index Handle Assembly, hold each piece in opposite hands and pull them apart.

NOTE

If you have any questions about this product, please contact our Customer Service Department TOLL-FREE at 1-800-762-7555, or send us an e-mail to customerservice@shopsmith.com.

