

TOOLS FOR WELLS SPINDLE

ALL WELLS HIGH SPEED SPINDLES

1.0 OVERVIEW

A Collet Wrench is stored in the end of the handle pictured in Figure 1. The S250 ACCESSORY KIT contains the tools pictured in Figure 2. A brief description of their use is outlined below. For detailed instructions on the operation and maintenance of the WELLS Spindle, please refer to User's Manual for the WELLS High Speed Spindle, Technical Bulletin S802.

2.0 COLLET WRENCH

The collet wrench is used to remove the collet so it may be cleaned or adjusted. The collet wrench is stored in the end of the handle and may be removed by loosening the set screw with the 3/32" hex wrench. See paragraph 6.2.2 of the User's Manual.

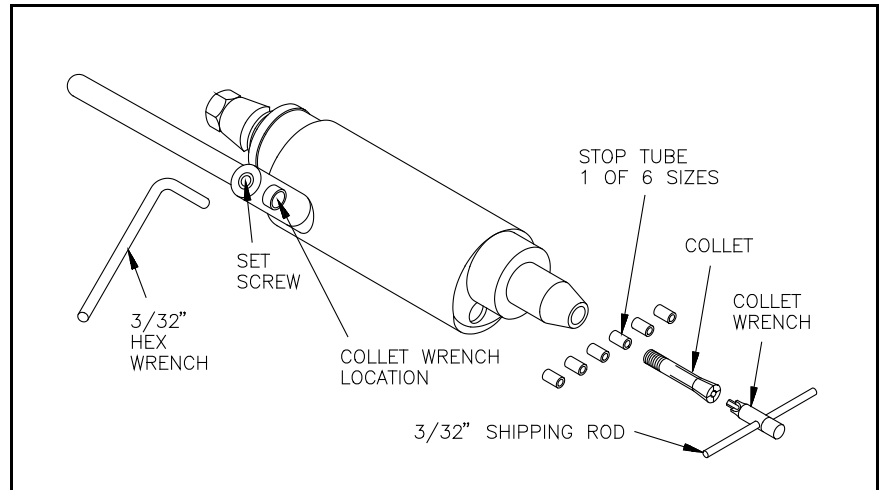


Figure 1. Collet Wrench Location

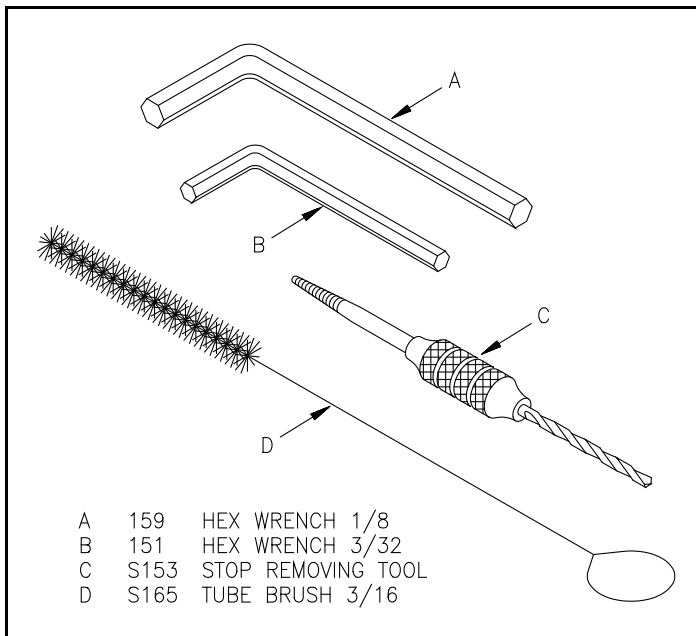


Figure 2. WELLS Spindle Tools in the Accessory Kit

3.0 HEX WRENCH 1/8"

The larger 1/8" hex wrench (A) is used to keep the shaft from turning while loosening or tightening the pulley jam nut when removing the spindle pulley. See paragraph 6.6 of the User's Manual.

4.0 HEX WRENCH 3/32"

The smaller 3/32" hex wrench (B) is used to loosen or tighten the set screw that holds the handle so the collet wrench can be removed. See paragraph 6.2.2 of the User's Manual.

5.0 STOP REMOVING TOOL

The Stop Removing Tool (C) is used to remove the brass stop inside the collet body. The stop should be removed when cleaning the collet. See paragraph 6.2 of the User's Manual. The stop is also removed when fitting a stop to adjust the collet diameter when tools slip. See paragraph 6.3 of the User's Manual. After removing the collet, use the drill end of the Stop Removing Tool to clean out debris packed in the hole in the stop. Use the tapered thread end to extract the stop by turning the tool clockwise in the bottom of the hole in the collet body.

6.0 TUBE BRUSH

The Tube Brush (D) is used to clean the threads inside the collet body. After the collet and stop are removed the Tube Brush is rotated inside the collet body. See paragraph 6.2.8 of the User's Manual.