

3C Headstock Hard-Stop Kit

P/N 3024

About the 3C Headstock Hard-Stop Kit

An optional material stop is available for the 3C Collet Spindle Headstock and the 3C Lever Collet Closer (P/N 3025). The 3C Headstock Hard-Stop Kit includes a stop block, two rods, a set screw, and a hex key.

Using the 3C Headstock Hard Stop

The stop block (P/N 30146) threads into the back of the collet drawbar knob on the 3C headstock. The 9" rod (P/N 30147) is for use with only the 3C headstock, while the 11" rod (P/N 30148) is for use only when the 3C lever collet closer is in place. In either instance, the rod is inserted through the stop block body and is held in place by a set screw. Place your material in the collet until it hits the stop. The position of the rod provides a hard stop for running multiple parts of identical length.

WARNING: The stop rod should never extend out beyond the back of the stop block body (P/N 30146) by more than 2.0" (50 mm). If the stop rod is extended farther than 2.0", it can become a hazard if the centrifugal force that is exerted on it by the spindle revolution becomes high enough to bend the stop rod (see Figure 1).

The 11" rod has a witness mark two inches from one of its ends (see Figure 2). Use this witness mark when setting the depth of your stop to ensure it doesn't become a hazard when the headstock motor is in use.

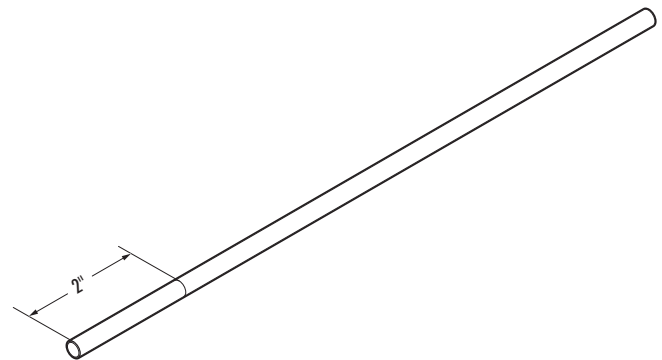


FIGURE 2—Use the 2" witness mark on the 11" rod when setting your hard stop in use with the 3C Lever Collet Closer.

Thank you,
Sherline Products Inc.

Parts List

NO. REQ.	PART NO.	DESCRIPTION
1	30146	Stop Block Body
1	30147	9" Rod (for 3C Headstock)
1	30148	11" Rod (for 3C Lever Collet Closer)
1	31080	10-32 X 3/8" Set Screw
1	40570	3/32" Hex Key

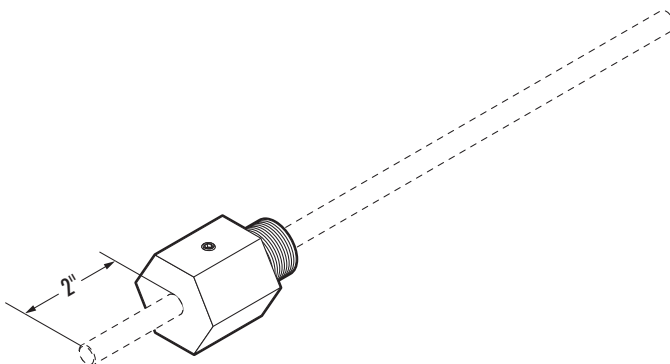


FIGURE 1—Never extend the stop rod beyond 2.0" from the end of the stop block body.