

## Standard 1-5/8" Handwheel

P/N 40050 (Inch), 41050 (Metric)

P/N 40080 (Inch), 41040 (Metric)

### Use of the Standard Handwheel

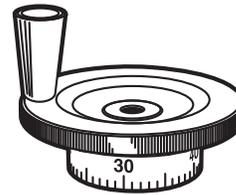
The 1 5/8" handwheels are the standard handwheels that ship with many of our machines. They can be used on either a lathe or a mill. The 40050 (41050 metric) handwheel is intended for use on the Y-axis on a mill, or on the X-axis on a lathe; The 40080 (41040 metric) handwheel can be used on the X- and Z-axis of a mill, or the Z-axis of a lathe.

### Handwheel Axis Orientation

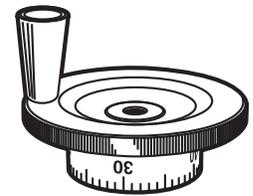
The engraved numbers on the handwheels are oriented differently for ease of reading depending on the axis on to which they are mounted (See Figure 1). For example, if you mount a handwheel designed for the mill X-axis on the mill Y-axis the numbers will appear upside down (See Figure 2).

*NOTE: If you are thinking of upgrading your machine's handwheels, you might also want to check out the Resettable Zero Handwheels (See P/N 3420).*

Thank you,  
Sherline Products Inc.



P/N 40080/41040



P/N 40050/41050

FIGURE 2: Please note the number orientation on the handwheels above. See the chart below to determine which handwheel you need for the proper axis orientation.

P/N (in./met.)	Name	Axes orientations
40050/41050	1-5/8" Standard Handwheel	Mill leadscrew (Y-axis) Lathe crossslide (X-axis)
40080/41040	1-5/8" Standard Handwheel	Mill table (X-axis) Mill vertical feed (Z-axis) Lathe leadscrew (Z-axis)

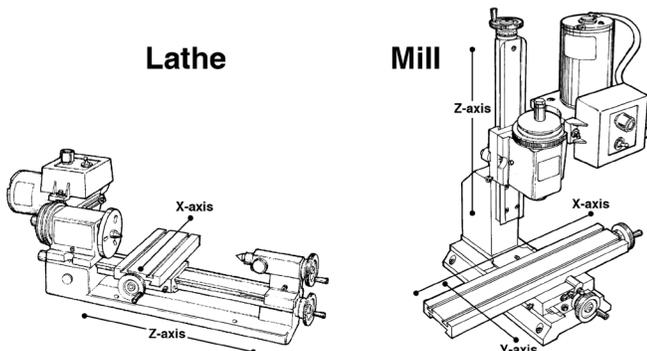


FIGURE 1: Indication of axis name and orientation for lathes and mills.

### Parts List

NO. REQ.	PART NO.	DESCRIPTION
1	42060	Handwheel Knob
1	42050	Handwheel Shaft
1	42080	Handwheel Body, X/Z Axis (Met. P/N 42180)
1	42040	Handwheel Body, Y Axis (Met. P/N 42140)
1	40520	10-32 X 3/16 Cup Pt Set Screw
1	42070	6-32 x 3/16" Pan Head Machine Screw