

6.1.5 HANDLE DIAL[†] (MANUAL PULSE GENERATOR)

The dial is used as a manual pulse generator to feed the tool manually with the MODE SELECT switch set to the HANDLE. HANDLE operation is effective for an axis. Procedure of HANDLE operation is as follows:

1. Set the MODE SELECT switch to the HANDLE.
2. Select the axis to be operated with HANDLE AXIS select switch.
3. Set the move amount per graduation of the dial by setting MANUAL PULSE MULTIPLY switch.
4. Rotate the dial to move the selected axis.
Turning it clockwise causes the axis to move in the plus direction. The axis moves in the minus direction by turning it counterclockwise.

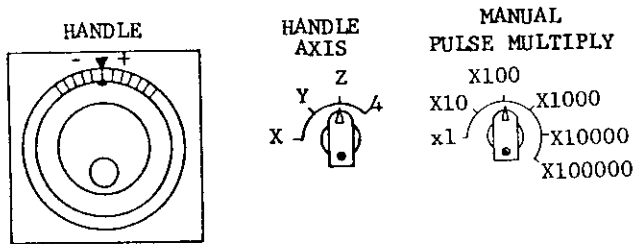


Fig. 6.4

6.1.6 HANDLE AXIS SELECT SWITCH[†]

This switch is used to select an axis to be operated. For operation of the switch, see 6.1.5 Handle Dial[†].

6.1.7 MANUAL PULSE MULTIPLY SELECT SWITCH[†]

This switch is used to:

- Select the value from Table 6.1, corresponding to a single graduation of the HANDLE dial in the HANDLE mode.
- Select the move amount (1 step) from Table 6.2 corresponding to each depression of JCG pushbutton in the STEP mode.

Table 6.1 Selection of Move Amount in the HANDLE Mode[†]

	Metric	Inch	Rotating Angle [†]
x 1	0.001 mm/ graduation	0.0001 inch/ graduation	0.001 deg/ graduation
x 10	0.01 mm/ graduation	0.001 inch/ graduation	0.01 deg/ graduation
x 100 x 1000 x 10000 x 100000	0.1 mm/ graduation	0.01 inch/ graduation	0.1 deg/ graduation

Table 6.2 Selection of Move Amount in the STEP Mode

	Metric	Inch	Rotating Angle [†]
x 1	0.001 mm/step	0.0001 inch/step	0.001 deg/step
x 10	0.01 mm/step	0.001 inch/step	0.01 deg/step
x 100	0.1 mm/step	0.01 inch/step	0.1 deg/step
x 1000	1.0 mm/step	0.1 inch/step	1.0 deg/step
x 10000	10.0 mm/step	1.0 inch/step	10.0 deg/step
x 100000	100.0 mm/step	10.0 inch/step	100.0 deg/step