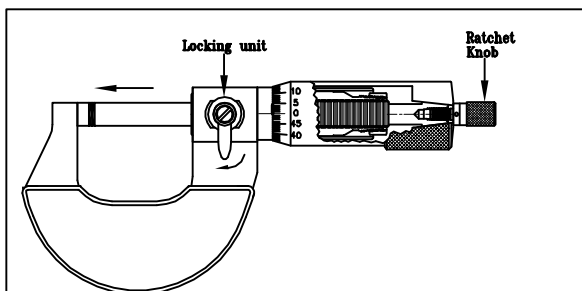
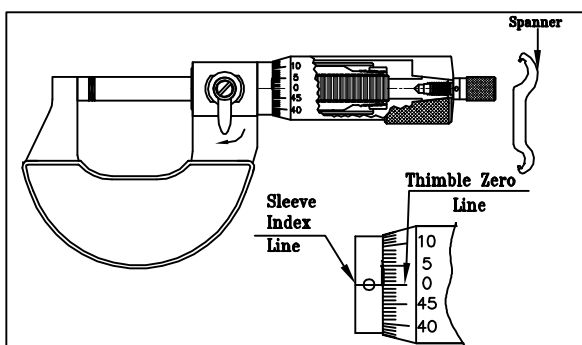


## ZERO SETTING PROCED. FOR EXT MIC D040

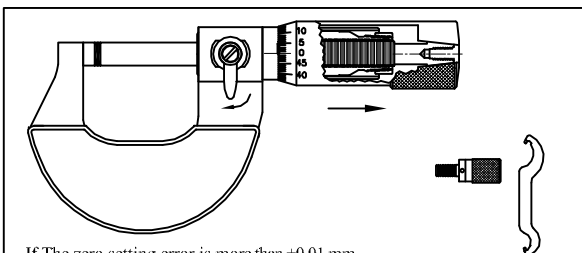
### ZERO SETTING PROCEDURE FOR EXTERNAL MICROMETER



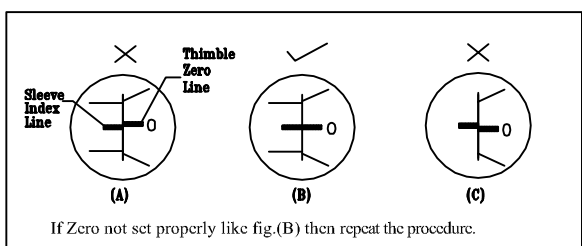
Clean the Measuring faces thoroughly. Use RATCHET KNOB to flush or bridge the measuring faces with each other (or with the faces of setting gauge for above 25 mm) & lock the SPINDLE by LOCKING UNIT & read the value.



If The zero setting error is about or less than  $\pm 0.01$  mm.  
Insert the spanner key into the hole on the sleeve on the opposite side of the index line, and rotate the sleeve to align the index line with the thimble zero line.



If The zero setting error is more than  $\pm 0.01$  mm.  
Loosen the ratchet knob by using the Spanner.  
Remove the ratchet knob outside & Press the thimble outward so that it can freely move, then align the thimble zero line with the sleeve index line.  
Lock the ratchet knob by using the Spanner at the original position to secure the thimble.



If Zero not set properly like fig.(B) then repeat the procedure.

### PRECAUTIONS FOR USING EXTERNAL MICROMETER

1. Do not disassemble or modify the micrometer.  
Doing so may disturb the accuracy.
2. Please ensure locking lever is unlocked before spindle movement.
3. Confirm the zero setting before measurement.  
Use a calibrated master to set the micrometer & ensure that the measuring faces are absolutely clean. For carrying out zero setting, please refer the zero setting procedure on the backside.
4. Before use, thermally stabilize the micrometer for sufficient time, at the place where measurements are to be carried out.
5. Do not drop the micrometer. Handle it with care & always keep it in safe place.
6. Do not apply excessive force & avoid applying sudden shocks / jerks.
7. Do not use or store the micrometer in places where the temperature changes are abrupt.
8. Do not store the micrometer in a humid or dusty environment.
9. Wipe of the dust, cutting chips & moisture from the micrometer after use.
10. Clean the micrometer using a soft lint free cloth.  
Do not use any organic solvent or compressed air to clean the micrometer.

### ADVANTAGES OF MICROMETER :-

1. Stainless steel Spindle for rust Prevention.
2. Heat insulating grip plates cover the entire handling portion of the micrometer frame.
3. Carbide tipped measuring faces parallel ground and lapped.
4. Robust design withstands toughest workshop conditions.
5. Sharp laser markings for better visibility & durability.