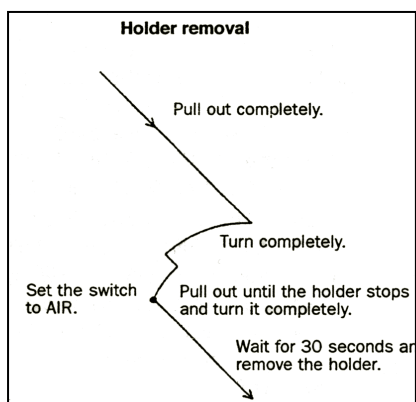


JEOL 2100 TEM STEM

Single-Tilt Holder

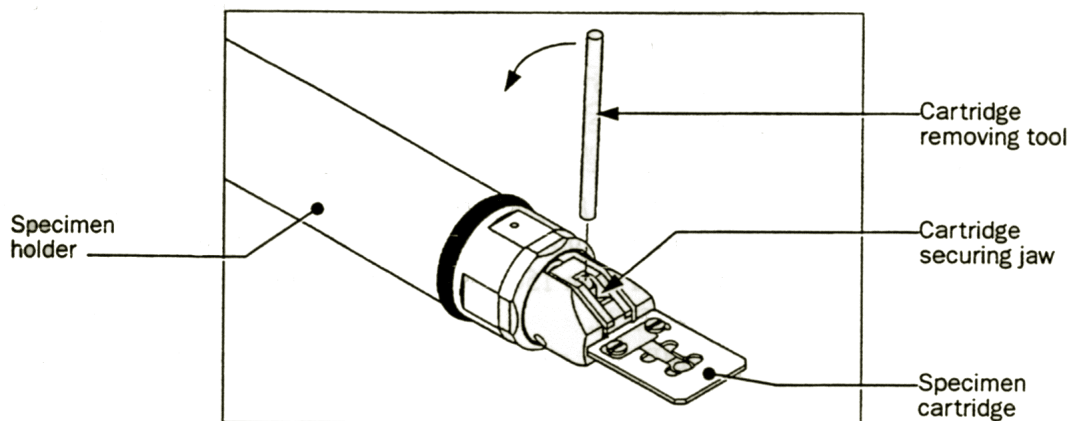
Removing Specimen Holder

1. Turn off the **Beam Valve**
2. Double click on **Stage Neutral**
3. Set the switch to **Air**
4. Remove the holder as follows:
 - a. Pull the specimen holder until it stops.
 - b. Turn it fully counterclockwise.
 - c. Pull it until it stops.
 - d. Turn it fully counterclockwise and **STOP!**
5. Wait for one **Swish** and **Two Clicks**
6. Remove specimen holder



Loading Single-Tilt Specimen Holder

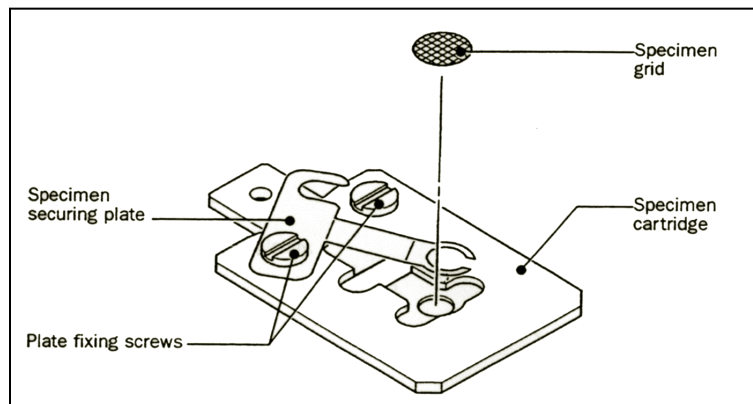
7. Place the specimen holder on the holder stand.
8. Insert the screwdriver (cartridge removing tool) in the cartridge clamp hole.
9. Tilt to open and remove specimen cartridge.



JEOL 2100 TEM STEM

Single-Tilt Holder

10. Loosen retainer screws.
11. Place specimen cartridge in plastic support cradle.
12. Loosen two plate fixing screws
13. Rotate grid securing plate.
14. Place grid in (facing upward)
15. Return grid securing plate.
16. Tighten the screws.
17. Return cartridge to specimen rod.
18. Remove dust and/or lint on O-rings.



Inserting Specimen Holder

19. Set switch to **Pump**
20. Align the guide pin with the guide groove.
21. Push specimen holder into microscope (yellow light comes on)
22. Set timer to 3 minutes and press start.
23. Wait for timer run down to zero. (green light will be on)
24. Rotate clockwise and insert.
25. Select specimen holder type.

