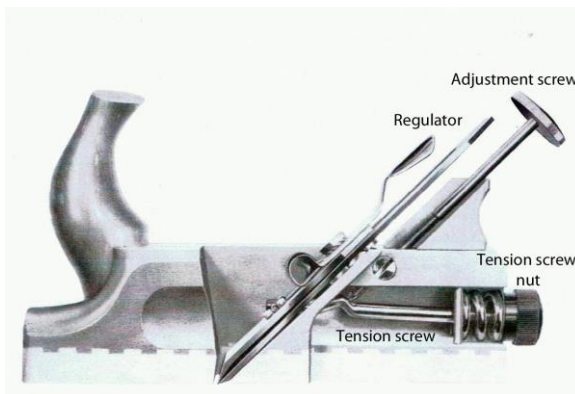


Operating Instructions for the E.C.E.-PRIMUS-Plane

Precision adjustment at your fingertips. – No wedge, no tapping!

Setting the cutting depth

Turn the adjustment screw for the desired cutting depth. Your E.C.E.-PRIMUS Plane is set to go. Notice there is no free-wheeling of the screw. It's tight and sure, like rack and pinion steering on a sports car. Also notice that the plane iron remains sharp a long time.



Adjusting the plane iron parallel to the sole

Align the cutting edge of the iron parallel to the plane's sole by moving the regulator lever right or left. Please find additional instructions below under "Replacing the plane iron".



Caution: Sharp-edged plane iron. – Watch your fingers!

Removing the plane iron

1. Turn the adjustment screw backward a few turns.
2. Loosen the tension screw nut at the back of the plane body (Do not remove).
3. With your fingers, take hold of the opposite end of the tension screw in the chip box and turn it 90°.
4. Lift the lower end of the plane iron off the tension screw and gently draw the iron out of the body of the plane.

Replacing the plane iron

1. Insert the plane iron into plane's body, reversing the action of removal. Turn the end of the tension screw 90° so the cross pin again lays between the cams of the plane iron cover. The part of the tension screw with the words "oben-top" must be visible over the top of the cross pin.
2. Tighten the tension screw nut slightly until the plane iron retracts about 1/16 inch or less. The plane iron initially touches the lower left side of the mouth.
3. Next, turn the chrome depth adjustment clockwise until the blade appears when sighting along the sole from the toe. As you sight down the sole, the right edge will be higher than the left. (Note: for 711 Improved Smoothing Plane, always adjust the mouth opening before you adjust the depth.)
4. While keeping the blade bedded tightly, turn plane upright and bring the blade parallel. To do this, push the upper regulator lever left. This swings the cutting edge parallel to the sole and buttresses the regulator-bearing surface against the right throat wall.
5. A truss is formed: tensioning rod pin plus canted bed pulls the cutter edge left while the regulator pushes the iron to the right. This truss prevents any lateral movement. It assures an even chip ribbon. – Tighten the tension screw nut more, if necessary, to retain parallelism during use.

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