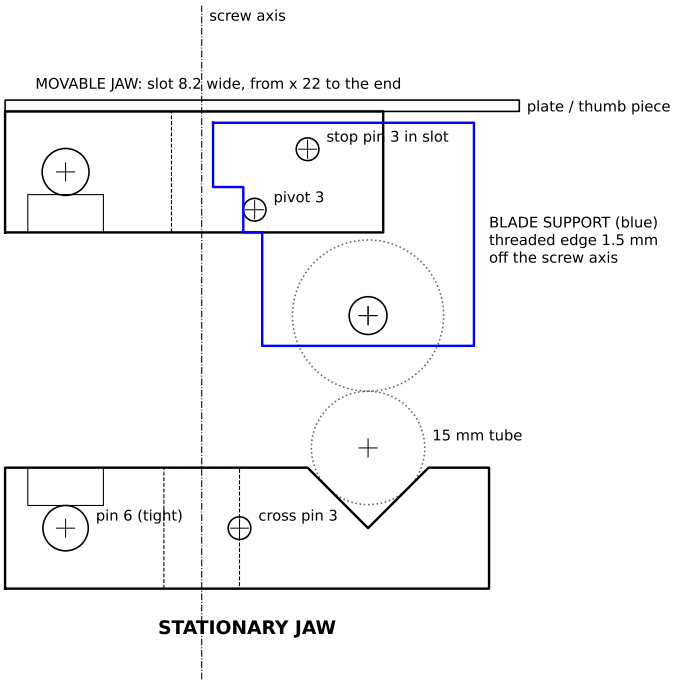
Tubing cutter after Pritchard, US 2,231,593 (1941) - our sizes

1:1 side view, set for a 15 mm tube. Jaws 16 mm thick mild steel; blade support 14 mm, its upper part filed to 8 mm.



Screw: 90 mm of 10 mm bar; the top 62 mm turned to 8 mm and cut M8 with a die;

a groove 1.5 deep, 3.2 wide, level with the cross pin; a 6 mm cross hole at the bottom for the T-bar.

Guide pin: 6 mm rod, 80 mm; spring over it in 10 mm counterbores 5 deep; stop pin across its top.

Wheel 20 mm on a 5 mm pin in a 7 mm slot in the support's lower part. Tubes 6-22 mm.

Support swings 15 deg clockwise (right end down) to let go of the screw.

50 mm: print at 100 %