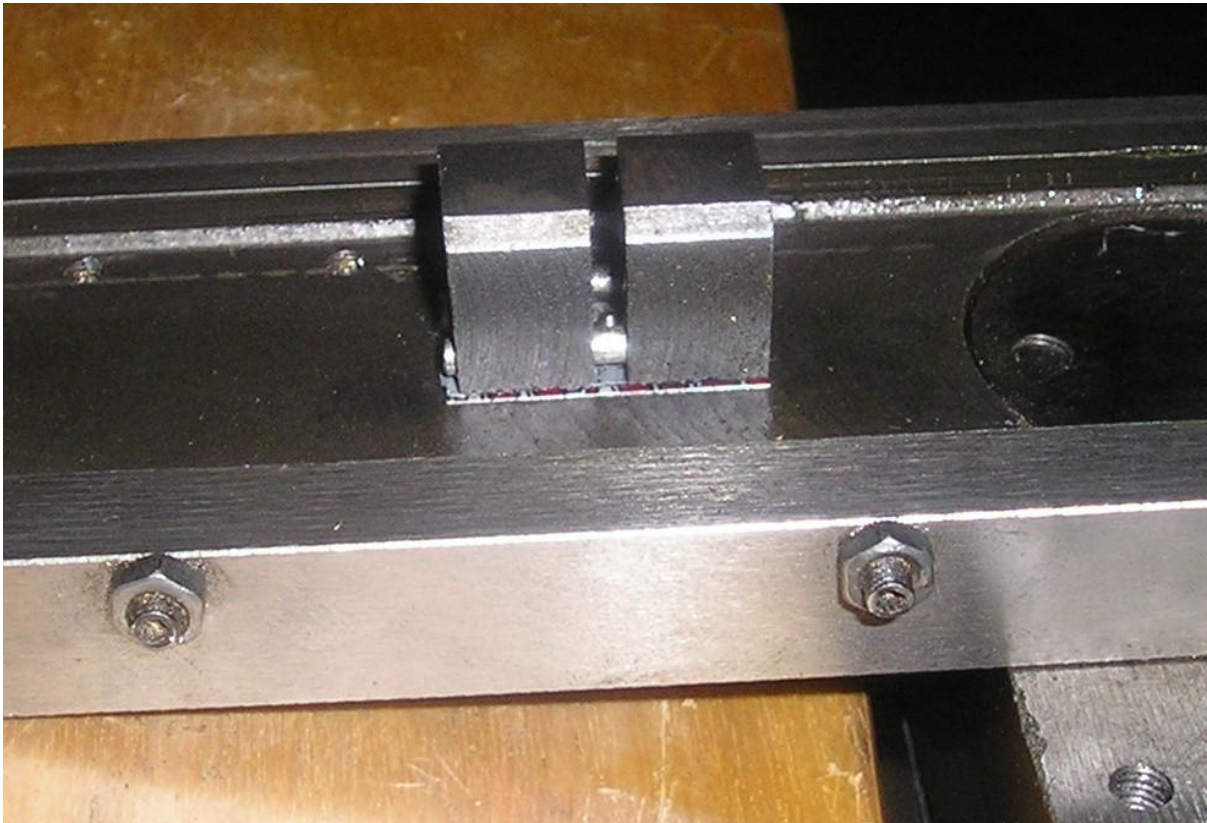


The cross slide nut

Modifying the cross slide nut to get better adjustment has long been a popular mod on 7x—lathes and one of the best splits the nut into two and pushes them apart to remove free play. When I did this mod I made a small improvement to the system.

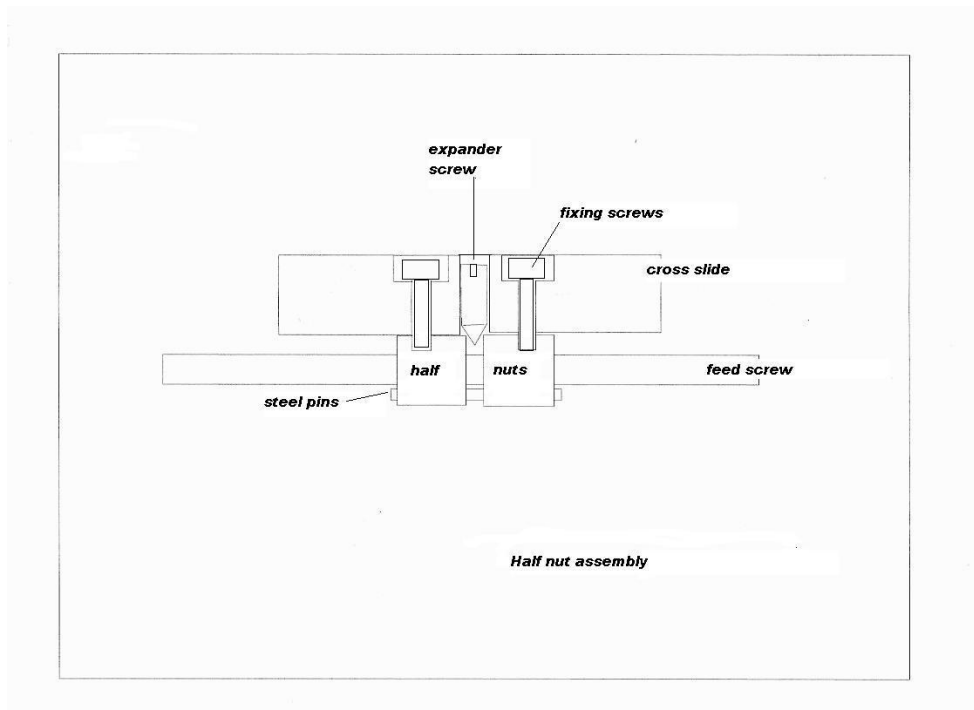
As in the original mod the nut was removed and two 1/8" holes drilled in line with the feed screw, then the nut was cut in half and joined back together with two steel pins





In the original mod the fixing hole for one of the half nuts was elongated to allow a small screw driver to be put down the centre hole. and force the halves apart to remove backlash before tightening the fixing screws. On my lathe I found the moveable nut gradually crept back causing slackness to re appear.

So I elongated the second fixing hole, and placed a tapered screw in the centre hole, that allowed adjustment and firmly held the nuts apart before tightening the fixing screws. From then on no problems have been encountered.



A small addition to a good original mod.

Brian.