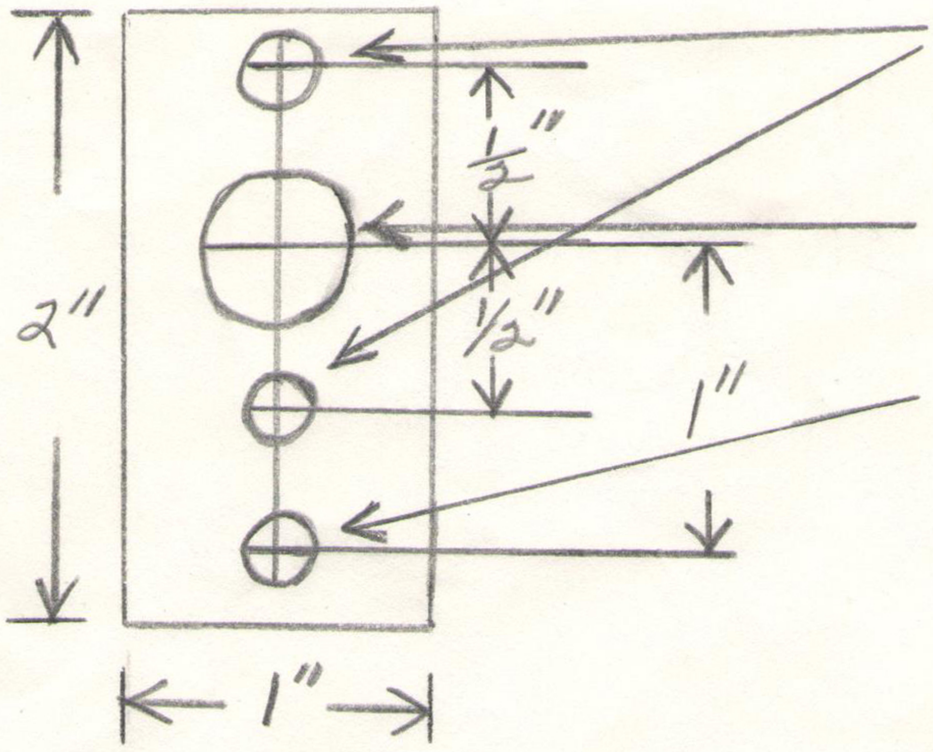
CAM PIN RETAINER BAR DIAGRAM

SOLID STEEL CAM



Drill tap 1/4-20 - (2) holes - Used to pull pin out of engine.

Drill 1/2" hole.

Hole used to bolt bar to engine block or end plate.

CAM PIN RETAINER BAR

Two (2) pieces required.

Material - Steel 1/4" x 1" x 2" long

Ream cam pin holes in block to .500” - .501” diameter, so pin can enter block from outside on PTO end.

Use ½” dowel pin for cam pin. Push into block so end protrudes through inside of block. Extend into block 1.000” – 1.100” on PTO end. Position cam pin retainer bar over outside end of pin.

Drill and tap ¼-20 hole in block to hold bar to block. Bolt bar to block and tack weld bar to pin.

On flywheel side endplate, machine or grind flat area outside where cam pin comes through endplate. (Note: Pin does not extend through into block as far on this end.) Extend into block .625” - .700” on flywheel side. Drill hole through retainer bar into endplate to secure bar. Tack weld to pin. Make sure it does not interfere with the flywheel.

Steel camshafts - Length of cam pin for points = 1.460”. Round end on cam pin and harden.