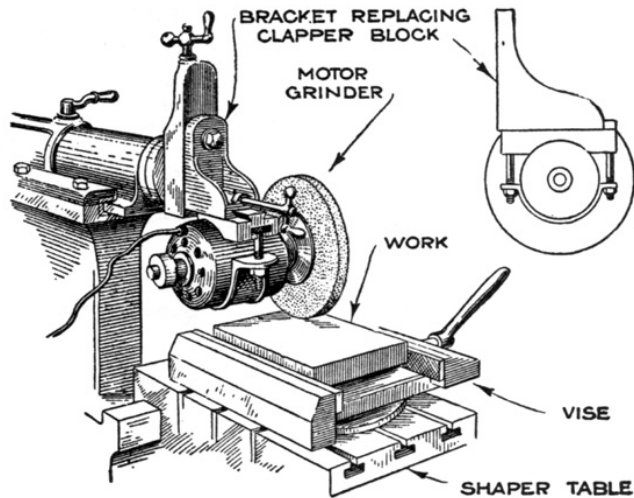


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Shaper Used as Surface Grinder



An Attachment for Holding a Motor Grinder to a Shaper Head Makes a Grinder of the Machine for Surfacing Die Blocks and Similar Work.

A machine manufacturer has added the equipment shown in the drawing to his tool room equipment for surface-grinding die blocks, plates and parts that must seat accurately together. The attachment is one of extreme simplicity and consists of a special bracket and clamp bolted to the ram in place of the clapper block. The clamp must be made to conform to the size and contour of the motor grinder

used. The work is held in the vise, and the machine is operated in the usual manner,

but at low speed, the grinding wheel cutting on both strokes of the ram.

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