

NYA AKTIEBOLAGET ATLAS, STOCKHOLM.

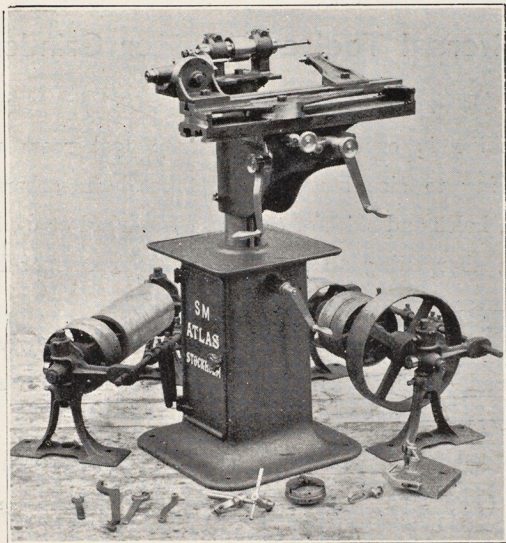


Ur KB:s samlingar

Digitaliserad år 2013

Universal Tool and Cutter Grinder.

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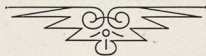
This machine is especially adopted to tool room use for such work as grinding to size straight and taper lathe arbors, cutter and reamer shanks, holes and sides of cutters, cylindrical or conical bushings, plane surfaces; sharpening all forms of straight or taper-fluted reamers and cutters, cutters with relieved teeth etc.

The spindle is of hardened steel, its bearing swivels upon the stand. The head of chuck spindle, the table and the vise swivels on graduated bases.

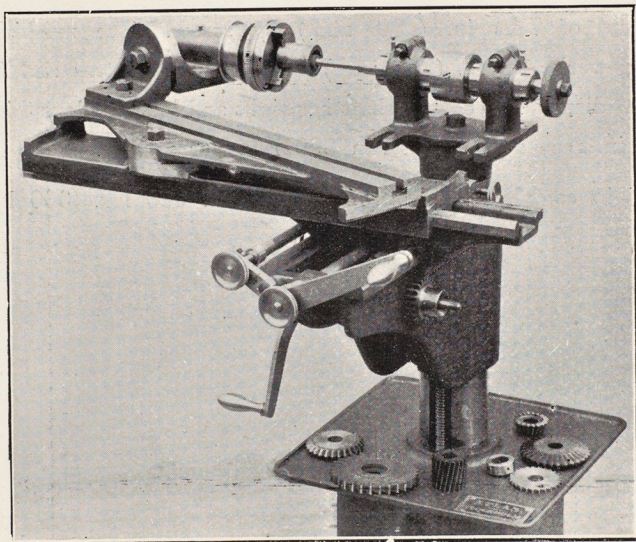
The table has a lateral movement of 24 in. (600 mm.), crossmovement of 7 in. (175 mm.) -- both by rack and pinion -- and a vertical

adjustment of $7 \frac{1}{8}$ in. (180 mm.) by screw. The machine takes revolving work 14 in. (350 mm.) long between centres and $8 \frac{1}{2}$ in. (220 mm.) diam. The countershaft has tight and loose pulleys 8 in. diam. by $2 \frac{1}{2}$ in. face and should run 600 rev. per minute.

Weight complete 660 lbs. (300 kg.)

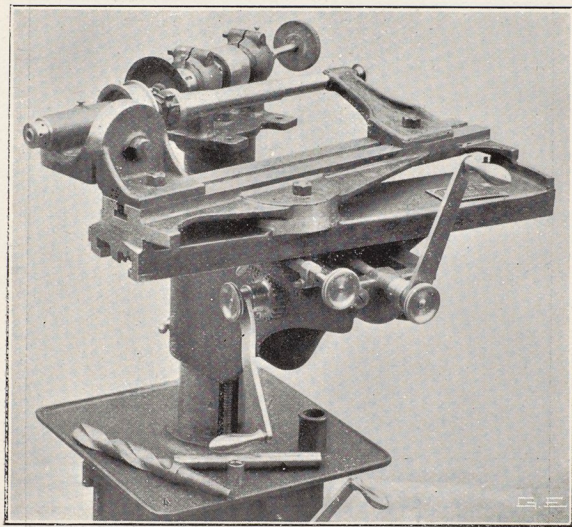


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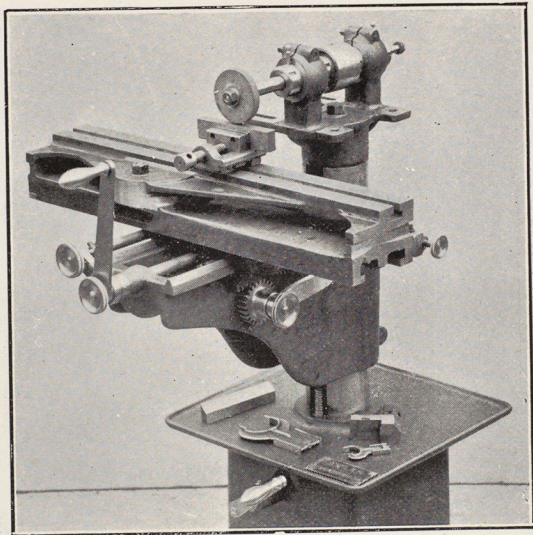
Grinding cylindrical or conical bushings.

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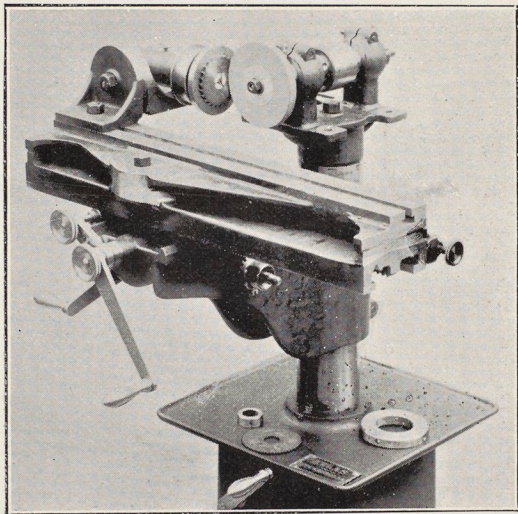
Grinding cylindrical or conical spindles.

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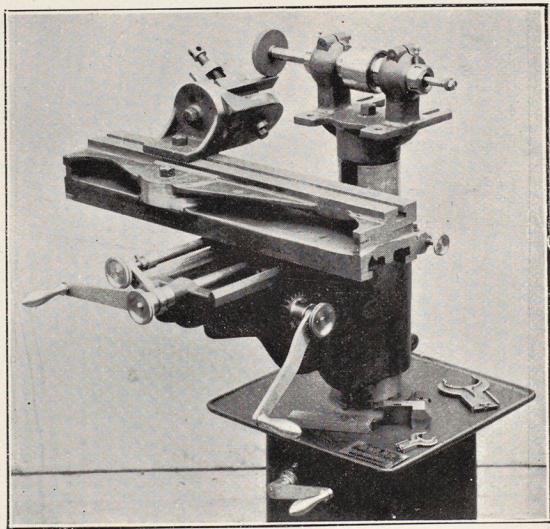
Grinding plane surfaces.

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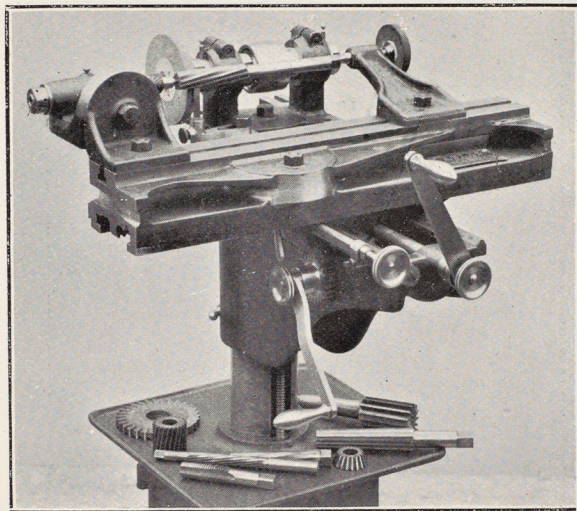
Grinding sides of cutters.

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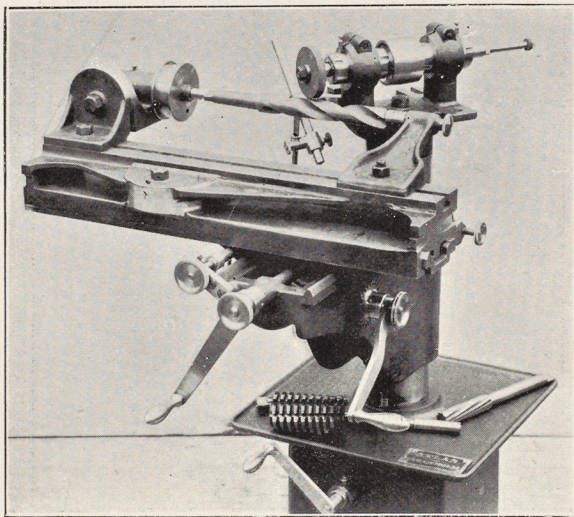
Grinding angular work.

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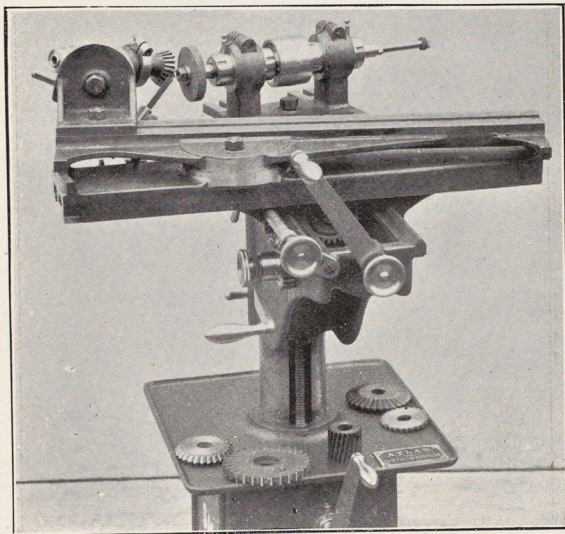
Sharpening reamers and cutters.

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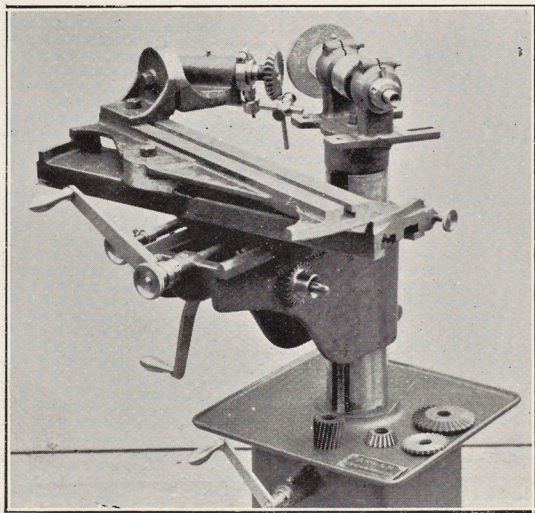
Backing off tvist drills.

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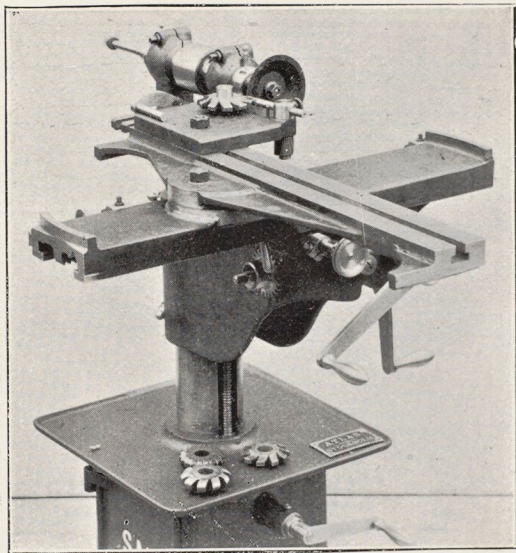
Sharpening angular cutters.

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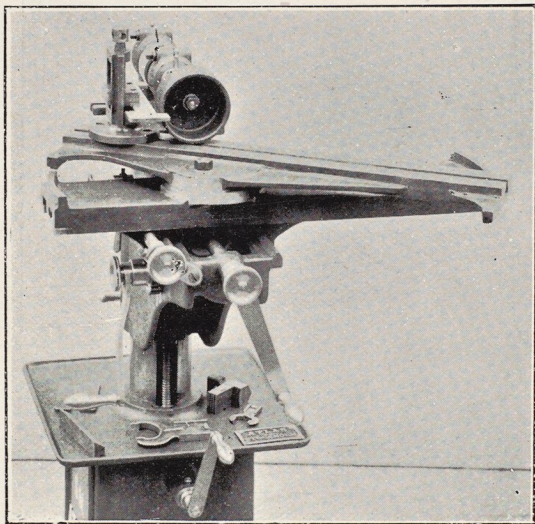
Sharpening angular cutters.

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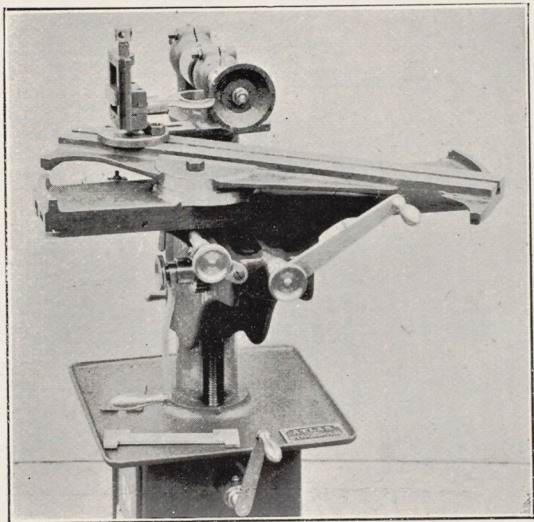
Sharpening cutters with relieved teeth.

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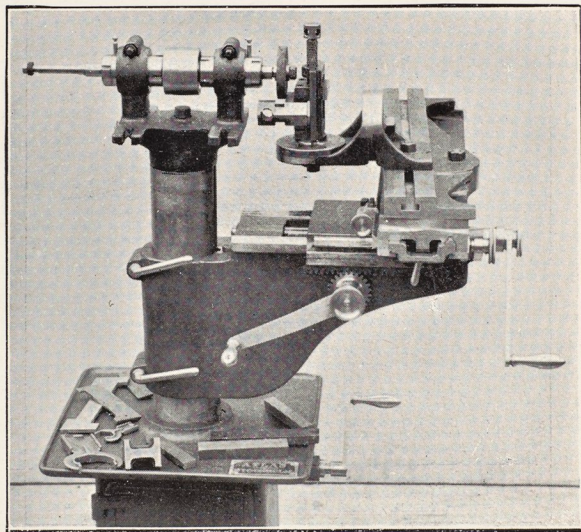
Grinding gauges.

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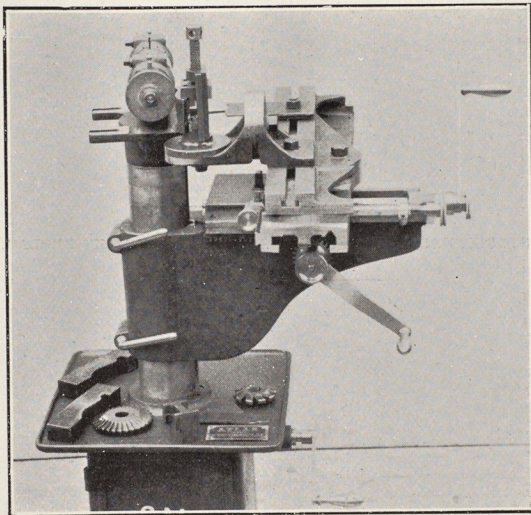
Grinding gauges.

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Grinding chuck jaws etc.

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Grinding punches and dies etc.

NYA KÄLLBERG & WILHELM STENHOLM

STOCKHOLM 1898, KÖRSNERS BOKTRYCKERI-AKTIEBOLAG.

(Gått till tryckning)