

CROSS-CUT

MORIN
TRADE MARK

SAW TOOLS

INSTRUCTIONS

For Saw Filing and Setting

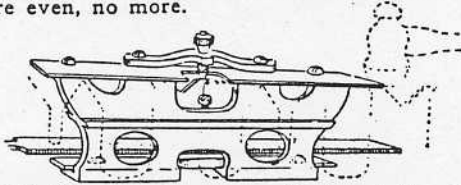
with

"MORIN"

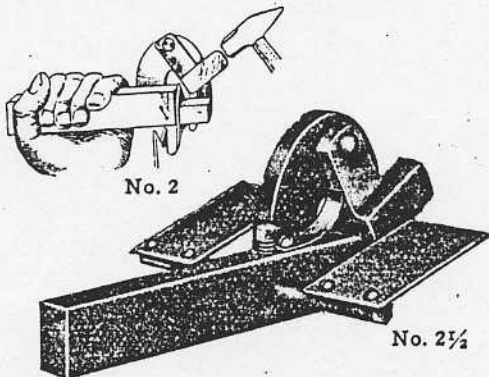
CROSS-CUT SAW TOOLS

SAW RACK—A simple saw rack can be made with two boards 6" or 8" wide clamped together in a vise. The top edges should be planed to conform with circle of saw and beveled off on top to form a thin edge.

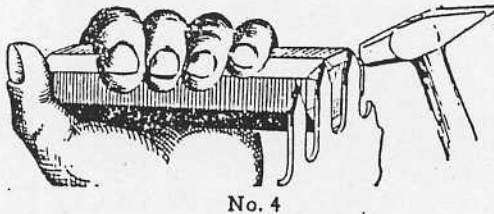
JOINTING—Place an old used file in Raker Gauge as shown in this cut: Then invert tool so the file will rest on the cutting teeth. While in this position draw the file back and forth lightly until the teeth are even, no more.



SET—The saw is now ready to set the cutting teeth. This is done either with "MORIN" Tool No. 2 or No. 2½ as shown:



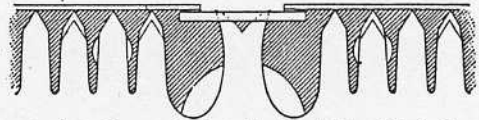
or with "MORIN" Tool No. 4:



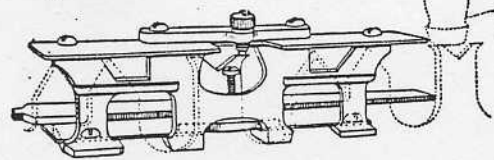
CHECKING—In order that each tooth may receive the proper set, a Spider or Tooth Gauge is provided with each Raker Gauge. This tool is known as "MORIN" No. 5. One end of tip on this Spider should be filed down to give the desired set. Dry wood requires less set. Wet more.



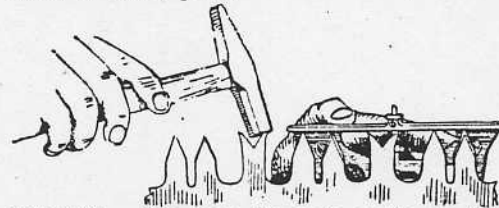
GAUGING AND SWEDGING—This operation is very particular and requires great care to obtain best results. The gauge is placed on the teeth so as to permit raker tooth to enter slot in chilled plate or spacer. If raker



protrudes through slot it should be filed down even with plate. The raker teeth are usually about 1/64 of an inch shorter than the cutting teeth for hardwood and somewhat less than 1/32 of an inch for softwood. "MORIN" Raker Gauges are set at the factory for the ordinary requirements but the chilled plates can be shimmed by the operator with strips of paper to meet other raker teeth lengths as required. The opposite side of gauge should be used to check in swedging. Raker should be trifle long before the swedge takes place.



Light hammer blows will swedge and lower raker to check point.



FILING—The saw is now ready to file. Through experience and careful study the proper slope on tooth points will be found. Care should be exercised, when the points are reached, not to over-file points so that absolute uniformity is maintained in the length of all cutting teeth.

Look for the trade mark "MORIN" always stamped on the tool, Accept no substitutes.

"Morin" Tools are fully protected by U. S. Patents.

Orders will be shipped direct from our plant in case your dealer cannot supply you.