

place handle in down position, abut desired mitre guide against base guide and razor blade and clamp guide in place. (CAUTION: too much twisting of the clamp screw may pull the threaded insert out of the base - tighten clamp thumbscrew only as much as necessary to hold guide in place.) If insert IS pulled loose, take thumbscrew out, force screwdriver blade into insert slot to re-expand it and press - don't hammer - insert back into hole, addition of a dab of superglue or Lokite in the hole will also help retain the insert, immediately expand insert by running the thumbscrew into it). Then hold material against mitre guide with end to be cut against base guide slot. When clamps are not required, turn them 90 degrees (see illustration) to avoid interference with material being cut.

3. Use industrial grade single edge razor blades for best economy (type that is not sold for shaving), replace at first sign of dulling (when they crush instead of slice the wood). Blades usually will provide hundreds of cuts. More efficient use of blade cutting edge can be made by using parallel spacers (stripwood, etc.) along the base guide so that cuts are made at unused areas of the cutting edge. When one end of the blade becomes dull, reverse the blade if the other end is still sharp.

4. To replace or reverse razor blade, simply loosen left blade screw, remove other screw and remove blade. Slip new blade (or reverse old blade) on left screw and replace other screw. Place handle in down position and assure blade is flat on cutting surface before tightening screws.

5. The 'V' shape of the cutting edge may tend to force the blade to cut at a slight off-

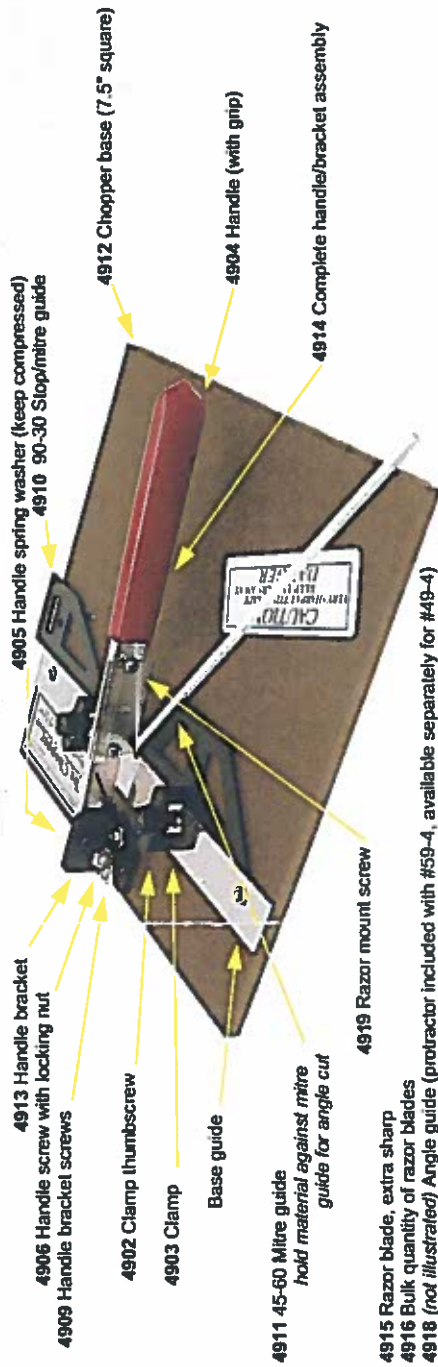
vertical angle (see sketch below) as it progresses through thicker materials. To avoid or limit this problem, it is recommended that the cut be made progressively a little on each side of the material. Or, disengage the material end from the stop once the cut has been started so that the blade is not forced to one side. The companion tool THE TRUE SANDER (#57-4) is useful to finish end cuts when a more perfect fit is desired.

6. Styrene and plastic strips and shapes such as EVERGREEN SCALE MODELS and PLASTRUCT products can also be cut on this tool, but exercise caution to restrict cut-offs from flying as mentioned in paragraph #1 above. For stripping or squaring styrene or other sheet material and/or accurately duplicating pieces (doors, window panes, etc.), use THE DUPLICATOR II (#62-4). It makes duplicating pieces of sheet material as easy as THE CHOPPER does strip material.

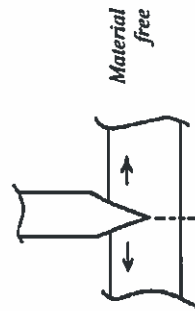
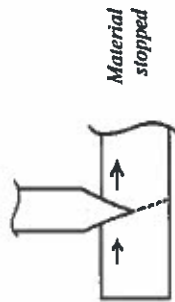
7. For large volume jobs or commercial production, THE CHOPPER III (#59-4) provides more work area, sturdier operation because of the added size and weight plus multiple job capability. The handle can be placed in any of three locations most suitable for the specific job and/or additional handle assemblies (#4914-4) can be installed to permit set-ups for 2 or 3 jobs to co-exist eliminating the need to break down and re-setup between jobs.

Reminder: A slot may eventually wear in the base under the blade making clean cutoff difficult. To repair, fill slot with DURHAMS Rock Hard Water Putty (available at hardware stores) or order replacement base to regain clean, feather free cuts.

Preventive modification: L. Berfind suggests the following modification to solve the 'slot' problem.



CUTTING BLADE PATH TENDENCIES



CHOPPER and CHOPPER III Part Numbers

part #	description	part #	description
4909-4	Bracket screw, ea.	4915-4	Razor blades (8)
4910-4	90-30 Stop/Mitre guide	4916-4	Razor blades (75)
4911-4	45-60 Mitre guide, ea.	4917-4	CHOPPER III base (7.5"x18")
4912-4	Chopper base (7.5" x 7.5")	4918-4	Angle guide protractor (paper)
4913-4	Handle bracket	4919-4	4-40 razor mount screw, ea.
4914-4	Handle/bracket assembly	4925-4	Clamp/spring/T-screw set (2)

Replacement parts available:

4902-4	Clamp screw, ea.
4903-4	Clamp, ea.
4904-4	Handle (with grip), ea.
4905-4	Handle spring washer, ea.
4906-4	Handle screw w/lock nut, ea.
4907-4	Clamp lift spring, ea.

4915 Razor blade, extra sharp
4916 Bulk quantity of razor blades
4918 (not illustrated) Angle guide (protractor included with #59-4, available separately for #49-4)

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