



Mount Cutting Systems

How to Cut a V Groove using a Trio System or a Duo System

a stunning addition to your window mounts



a V Groove is a subtle decorative line cut into the colour side of the mount to match the cut edge of the bevelled window aperture

V grooves can be cut with all the Longridge Mount Cutting Systems but you will need the current bevel cutter with the V profile.



initial tips before starting:

1. You will need to be familiar with the procedure for cutting bevel edge window apertures before cutting cutting V Grooves
2. The objective is to make two shallow bevelled cuts which combine to make a V Groove.
3. This is one of the very few times when the mount is cut colour side up and before the main window aperture is cut.
4. The outside measurements of the mount must be true and square.
5. Suggest you use a new clean blade and adjust the blade in the bevel cutter to just 1mm - depending on how you work you may need to increase the blade depth very slightly to ensure the corners cut out cleanly.
6. The recommended width between the V Groove parallel lines is 1mm.
7. When marking out use a hard lead pencil – say 4H – with a fine point.

To Mark Out the V Groove

Mark out *the outer V Groove lines* on the front side of the mount (ie colour side) using either the Marker Gauge or the Trio System's onboard measure, stopping well short of the corners.

Re-set the gauge 1mm wider and mark out *the inner set of lines*, again stopping well short of the corners.



these lines will be lost when the bevel cutter does its work

To Cut the V Groove

- Insert the marked up mount colour side up on top of the SprintMat and up to the Mount Stop.
- Start on ***the inside line*** and line up the start line with the nearest outside point of the V and lock the bottom stop.



V Groove cutting with the Trio System

- Slide the cutter up and line up the centre of the V with the finish line and lock the top stop.



V Groove cutting with the Duo System

- Slide the cutter back to the start point and cut the line.
- Rotate the mount and cut ***the opposite inside line***.
- Leave the mount in position and re-set the cutter stops for ***the outside parallel line*** of the v groove
- Keeping the cutter stops locked in position, remove the mount, rotate the Mount 180° and re-insert from the other side of the Guide Rail up to the Mount Stop aligning ***the outside line*** with the cutting edge of the Guide Rail.
- Using the cutter stops as the reference cut ***the outside line***.
- Rotate the mount and cut ***the opposite outside line*** in the same way.



- Repeat this sequence for the other two sides.
- Carefully remove the swarf to reveal an accurate, clear V groove to set off your picture.



you may find a scalpel is useful to lift out the V cut material and a burnishing bone helpful in settling down the fibres in the v groove area.

- Re-set the blade in the bevel cutter to the correct depth for cutting mountboard.
- Turn the mount over, mark out and cut the window aperture with the bevel cutter.



In just a few minutes you will have produced a professional quality mount, with that added touch of distinction, to set off any photograph, painting or picture.

Longridge Mountcutters are different – anything else is a compromise



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