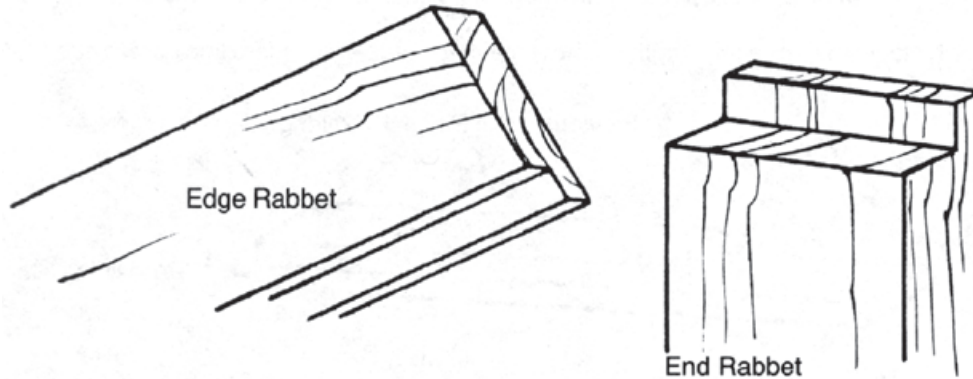


Tip #73 How To Cut Rabbets

Description:

A rabbet consists of an L-shaped groove in the edge or end of a piece of stock. There are two general types of rabbets--edge and end.



Use:

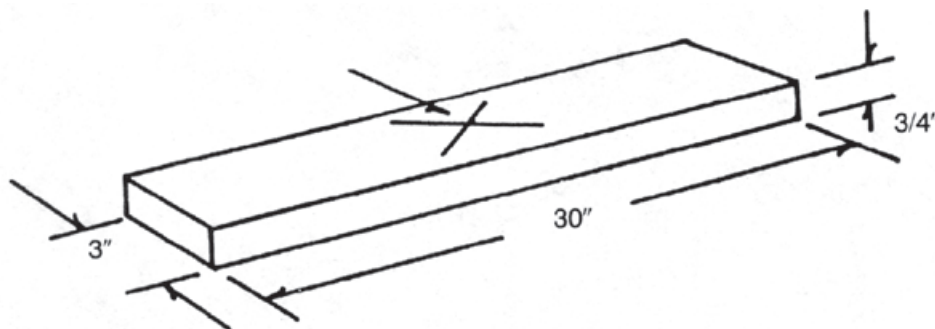
Rabbets are generally used as a recess in which other pieces of material will fit. Perhaps the classic example would be picture or mirror frames. These have a rabbet all around in the back and the glass is recessed into this rabbet.

In addition, the parts of a tremendous number of projects are fitted together through the use of rabbets in conjunction with other types of cuts. Parts of drawers, boxes, screens, even the sides of cabinets and bookshelves, involve the use of rabbets. In addition, the rabbet is often used in various types of joints. The simplest of these is the rabbet-butt joint.

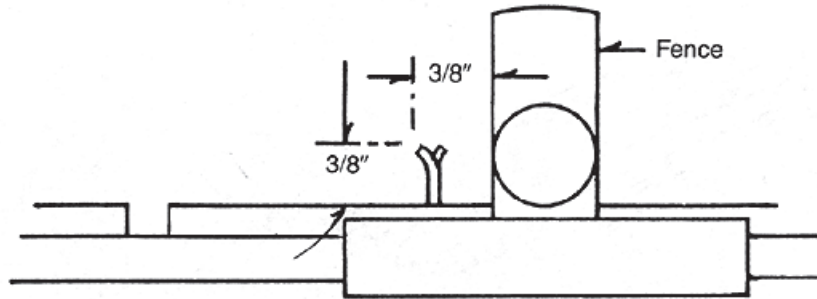
Operations:

Warning: When cutting rabbets, it is necessary to remove the upper saw guard. Whenever you remove the upper saw guard, keep the lower guard in place and work with extreme caution.

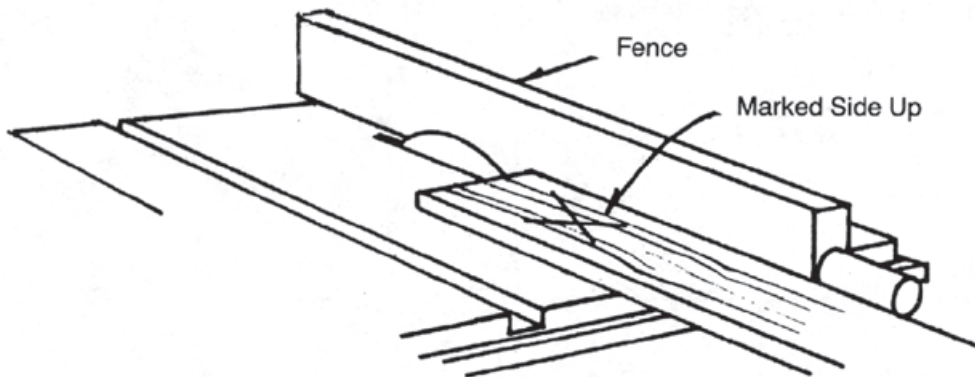
1. Prepare a piece of stock $\frac{3}{4}$ " by 3" by 30".
2. Select and mark one of the flat surfaces. Mark one face for reference.



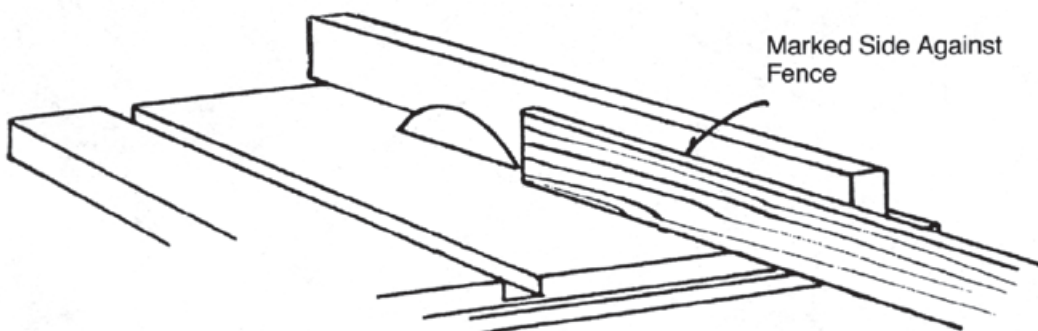
3. The rabbet to be cut will be $\frac{3}{8}$ " by $\frac{3}{8}$ ".
4. Adjust the saw blade height to $\frac{3}{8}$ ".
5. Put on rip fence and bring up to $\frac{3}{8}$ " from outer point of saw blade tooth.



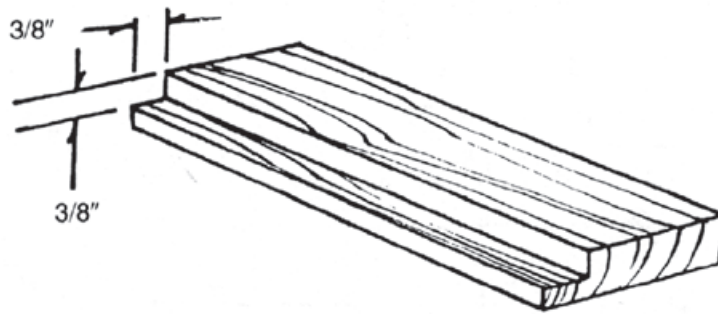
6. Start saw.
 7. Hold stock with flat side on saw table and marked surface up.
 8. Make cut holding stock firmly against rip fence with left hand and pushing the stock with the right. Do not return stock past blade but lift up and remove from saw table.
- Warning: Keep your right hand away from line of saw cut as the cut is completed.



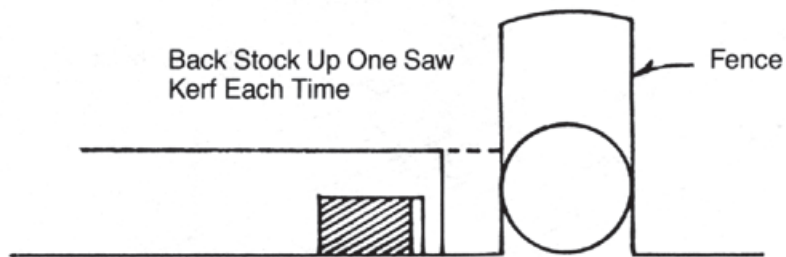
9. Stop saw and let it come to a complete stop.
10. Adjust rip fence or quill feed to $\frac{3}{8}$ " from the inner point of saw blade tooth to face of fence.
11. Repeat the operation of cutting with marked side against rip fence.



12. Again, do not pull stock past blade but pick it up and remove it from table.
13. Turn off saw and wait for it to stop, then remove scrap piece.
14. You will now have an edge rabbet cut as shown in sketch.



15. To make 1/2" x 3/4" end rabbet prepare a piece 3/4" by 4" by 12".
16. Put miter gauge in place.
17. Adjust saw blade to 1/2" above table.
18. Bring up rip fence to 3/4" from outer point of saw blade tooth.
19. Hold stock against miter gauge with flat surface down and end of stock against the rip fence.
20. make cut.
21. Back stock away from rip fence the thickness of the saw blade kerf.
22. Make repeating cuts until all waste stock is removed.



23. You now have an end rabbet 1/2" by 3/4" as shown in sketch.

