

PVC Dust Collector Port

Recently when building my own router table and fence, I found that an ordinary 3" to 1½" PVC reducer works great as a dust collector port. The advantage is it connects easily to a standard shop vacuum with an inexpensive 2" adapter.

As you can see in the drawing, the larger 3" side of the reducer is mitered at a 45° in both directions. I did this at my bandsaw by tilting the table to 45° for the first cut. Then return the table to 90° for the second cut.

To attach the port to the fence I used some small #4 x 1¼" Fh screws. I simply drilled through the fence and into the reducer.

