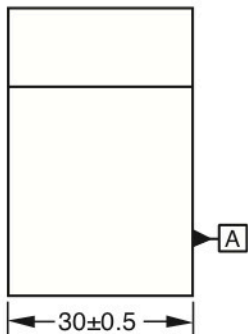
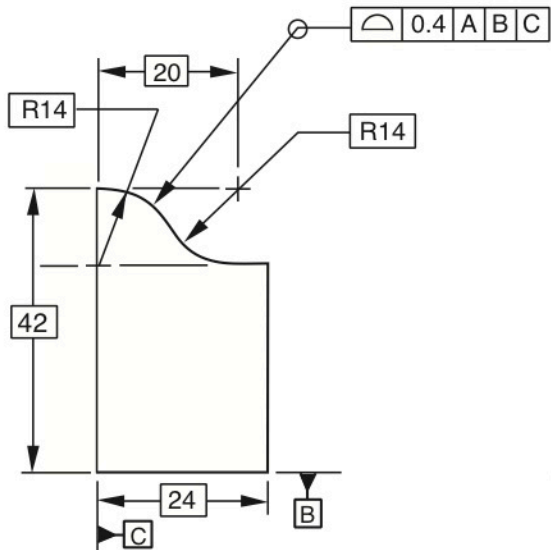
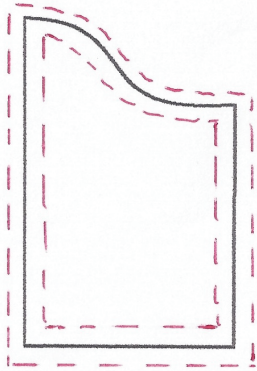


SEE NEXT PAGE...



INTERPRETATION 1:

The usual all-around profile (no datums to interfere with the surface)



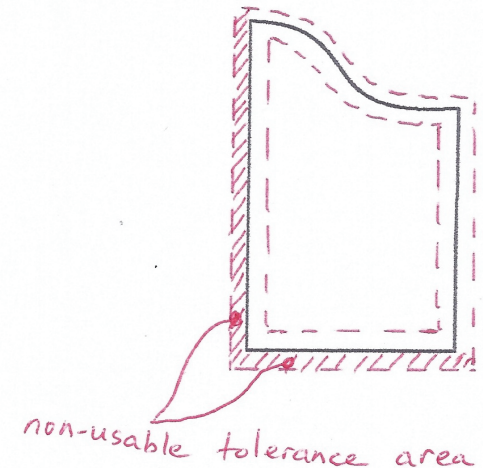
INTERPRETATION 2:

The datums on the left and bottom force the entire zone to be shifted



INTERPRETATION 3:

The datums on the left and bottom don't shift the tolerance zone, but they blot out the bilateral portion that goes "into" the datum



FOR THE DRAWING GIVEN ON THE PREVIOUS PAGE, THE CONSENSUS IS THAT THE CORRECT INTERPRETATION WOULD BE INTERPRETATION 3.

From a practical point of view, however, a callout should usually avoid referencing datums that are part of the surface being tolerated. Instead, each datum surface should have a distinct geometric tolerance tying it back to the previous datum(s). So for the drawing on the previous page, the bottom surface could have a perpendicularity tolerance relating it back to A, and the left side could have perpendicularity (or profile of a surface) tying it back to A and B. Then the given profile of 0.4 would be noted to extend only between the top-left and bottom-right corners.