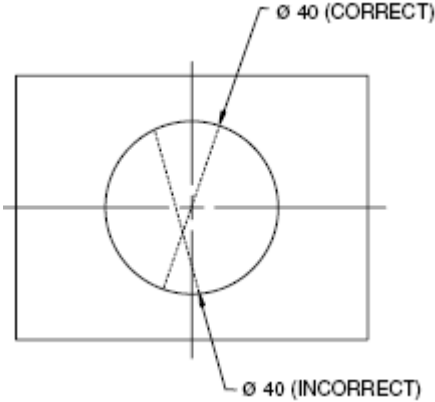
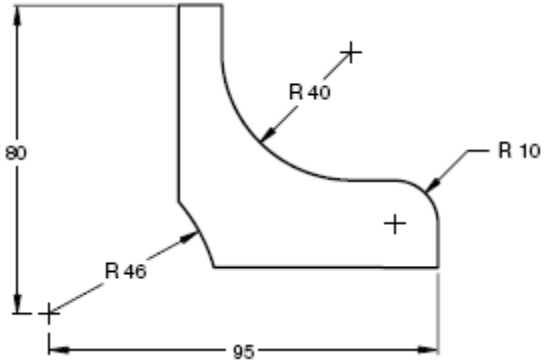
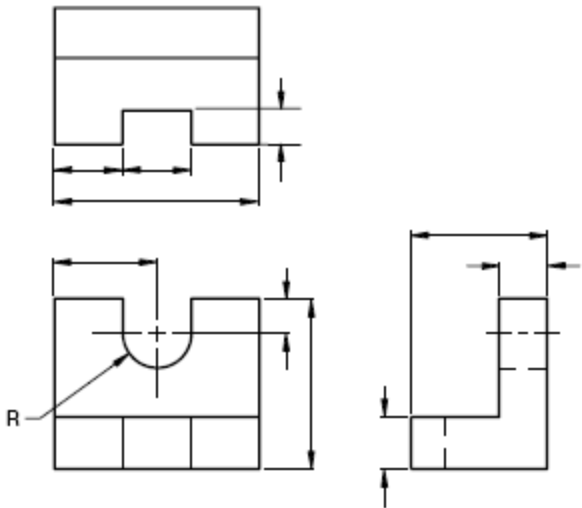
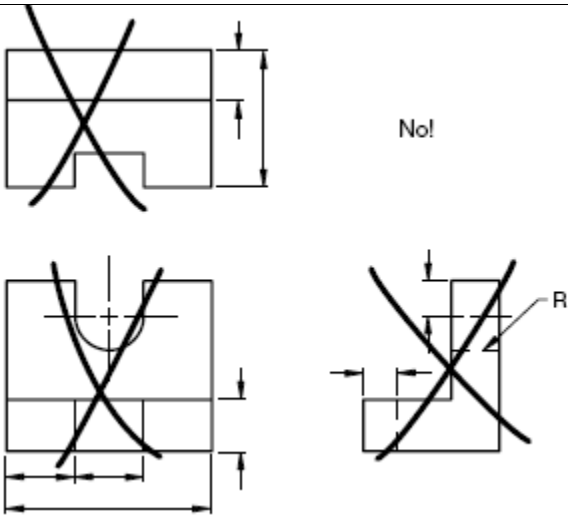


## Dimensioning Examples (from Ch. 9 in full text)

The examples below amplify and further illustrate material presented in the lecture on dimensioning.

Size & location dimensions used to describe parts	Coordinate dimensions method
<p>(A) Yes</p>	<p>(B) No!</p>
<p><b>Figure 15.16 Group Dimensions</b> In standard practice, dimensions are grouped on a drawing. Do not use object lines as extension lines for a dimension.</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="82 1430 454 1869"> <p>(A) Avoid</p> </div> <div data-bbox="454 1430 786 1869"> <p>(B) Good Practice</p> </div> </div>	
Dims outside of view: keep dims off view unless nec. For clarity.	<p>Use of "x" symbol to indicate repetitive features. (Note also circular center line).</p>

	
<p>Leader lines must be radial (go through or point to circle/arc center point).</p>	<p>Arcs &lt; half circle dimensioned as radii; use R symbol as shown.</p>
	
<p>Correct contour dimensioning</p>	<p>Incorrect</p>

## Dimensioning Process—an example

