

Exercise 12-5

See act12-05.dwg available on the companion website.

1. Open drawing EX12-1.
2. Locate a solid cylinder inside of the solid box. The cylinder should be the same height as the box.
3. Subtract the cylinder from the box.
4. Taper all four sides of the box at a 15° angle. The tapers should angle into the box to create a smaller face on the top.
5. Taper the hole in the object at an angle that increases the hole diameter from the bottom to the top of the box.
6. Experiment with tapering the other three objects. Try tapering from one end to the other using both positive and negative angles.
7. Save the drawing as EX12-5. This drawing is used in the next exercise.