

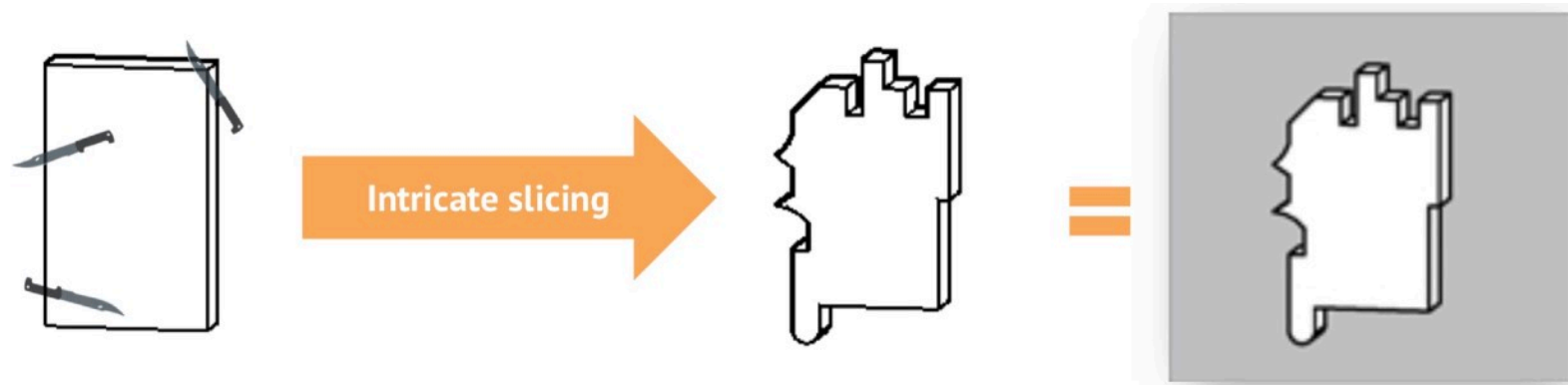
UNIQUE SHAPES

- Only concerned about one view
- Extremely detailed oriented
- Shape and proportionality determine keyhole

DEFINITION

This type of problem tests your ability to discern details, especially amongst an overwhelming amount of them. It only focuses on 1 dimension/view (i.e. only the front view or only the top view, etc.) with all 5 potential answer choices. Usually 2- 3 problems per test.

HOW IT'S MADE? TRICKS?

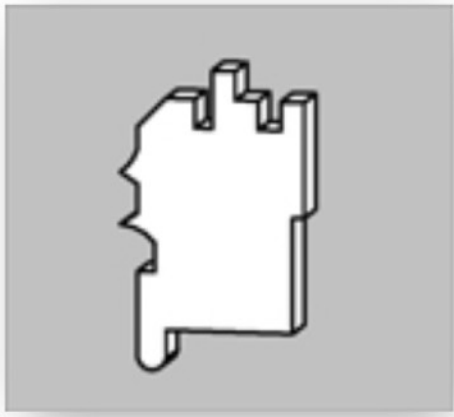
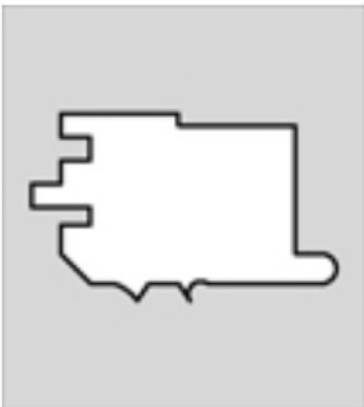
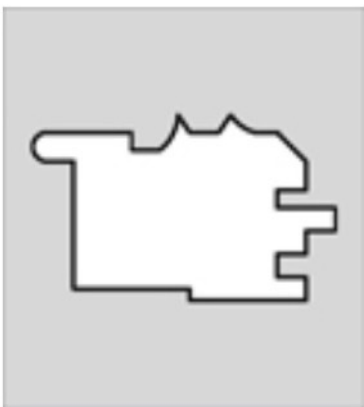


At first, these problems can seem easy. However, each answer choice/keyhole usually only has one error (shape or proportion) in it which makes it difficult if you try to do a quick glance to find it. Employ a method!

Choose a starting point on the model and pin-point it on the keyhole. Start scanning around the model and the keyhole, cross-checking to see any discrepancies. As soon as you find one, rinse-and-repeat with the next answer choice until you find one without any discrepancies (remember to double-check!). You should be able to get almost every one of these problems!

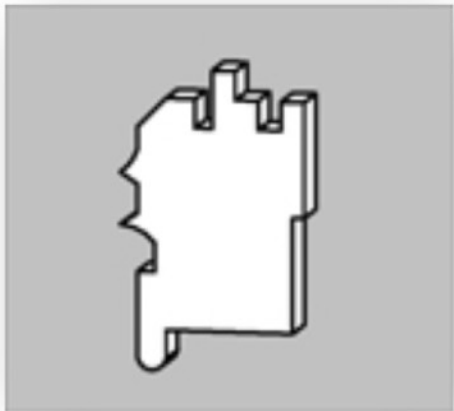
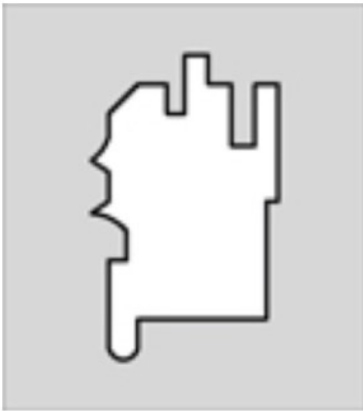
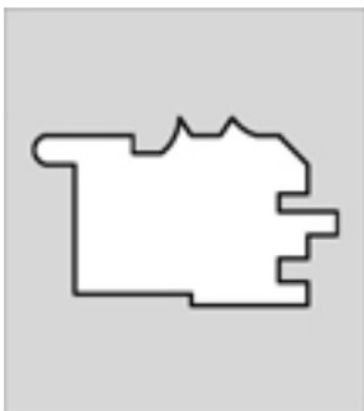
1. SHAPE

Shape determines more than half the problem – any minor difference will make the keyhole incorrect. Let’s look at an example with the FRONT view:

		
EXPLANATION	A subtle difference in shape, but an important one. The “curl” in the center bottom of the keyhole does not dip down into the center deep enough. The shape is, in its entirety, different than the keyhole!	Correct!

2. PROPORTION

Beware – it’s not all about the shape! An extension/intrusion/angle that is proportionally off can also make these shapes completely incorrect. An example with the FRONT view:

		
EXPLANATION	The rectangular intrusion near the top right corner is too deep into the center of the keyhole. Small proportional errors like this can be just as common as simple shape tricks!	Correct!