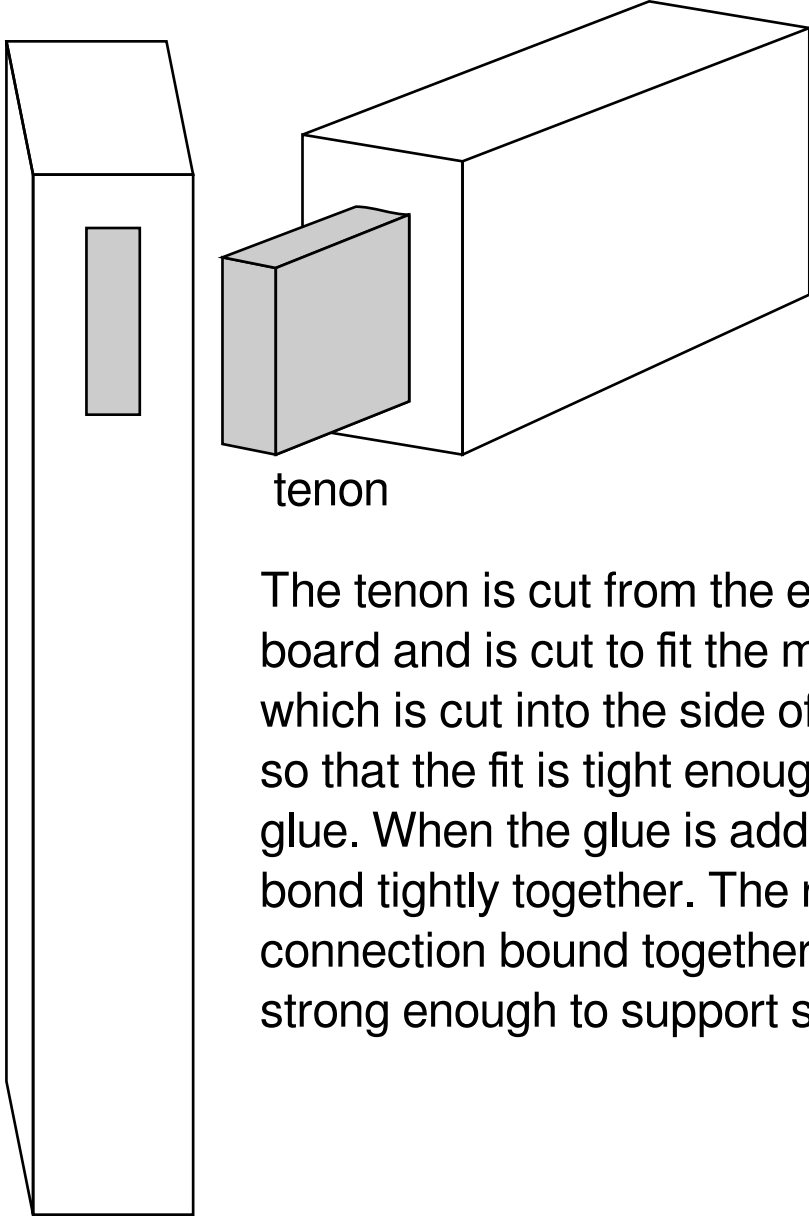


mortise



tenon

The tenon is cut from the end of a horizontal board and is cut to fit the matching mortise which is cut into the side of the vertical board so that the fit is tight enough to hold without glue. When the glue is added, the two boards bond tightly together. The result is a rigid connection bound together by the glue and strong enough to support significant weight.