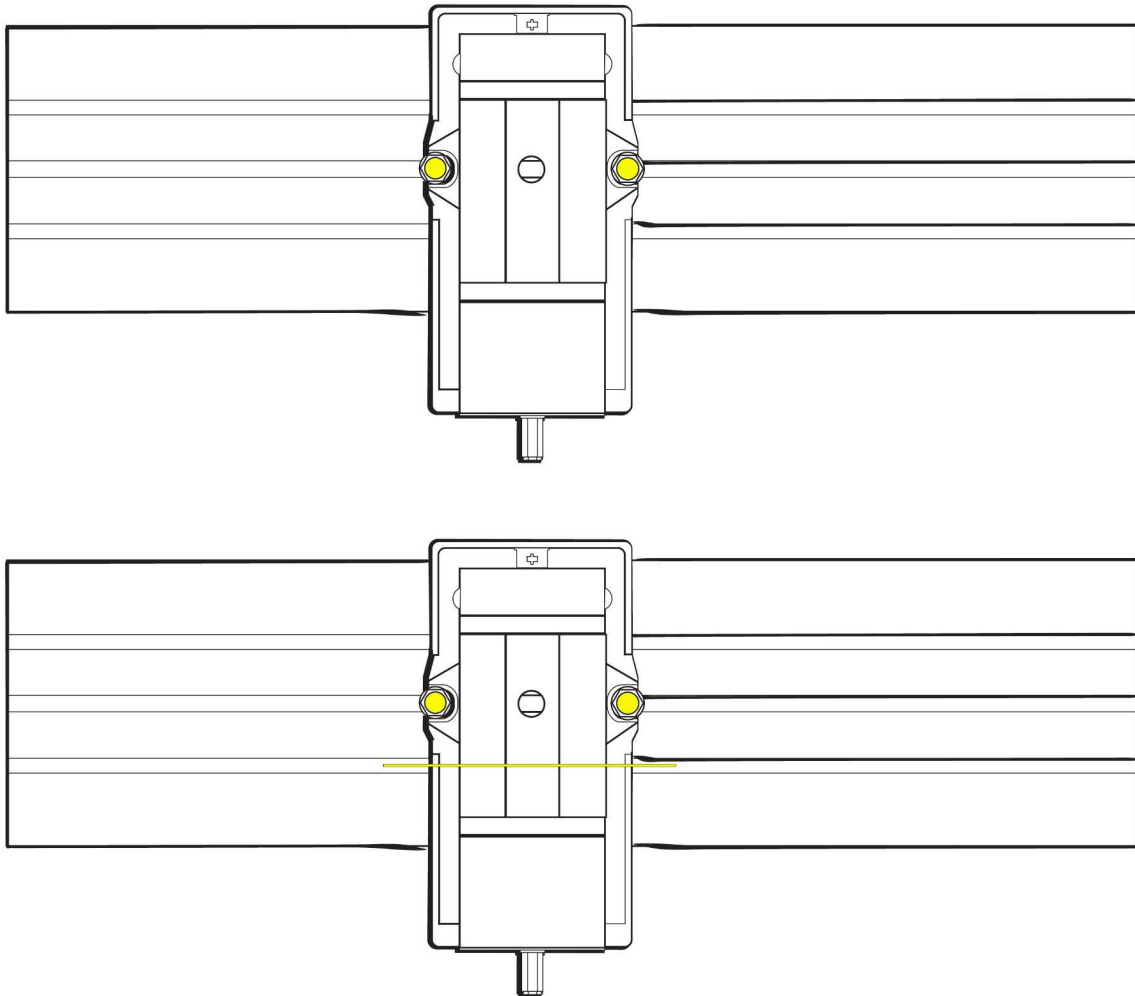


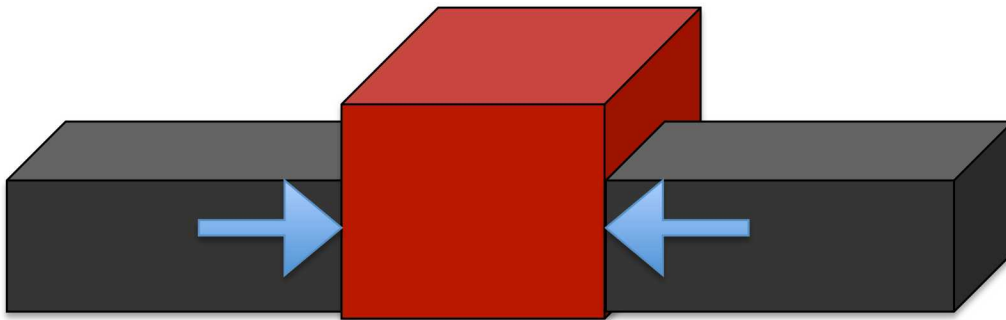
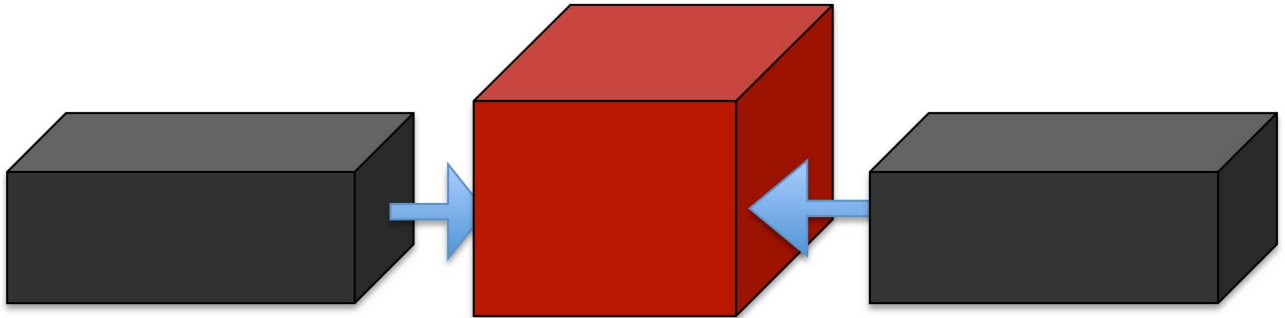


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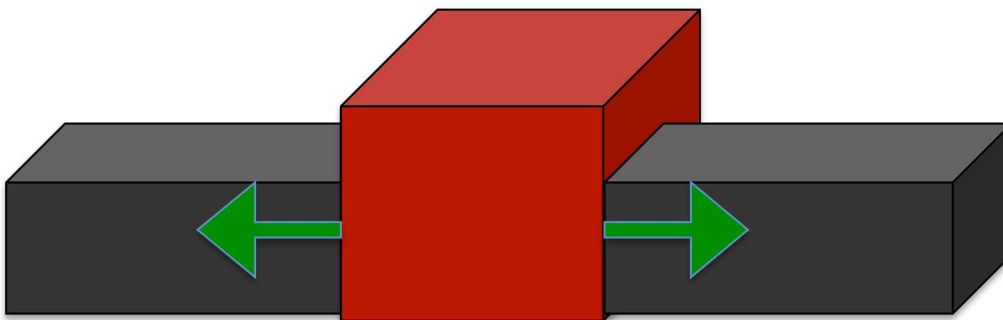
A 1950's style vise was designed to mount to a manual machine, notice the location of the mounting holes. Instead of having them in the center of the base, they are positioned in the center of the "typical" clamping surface.



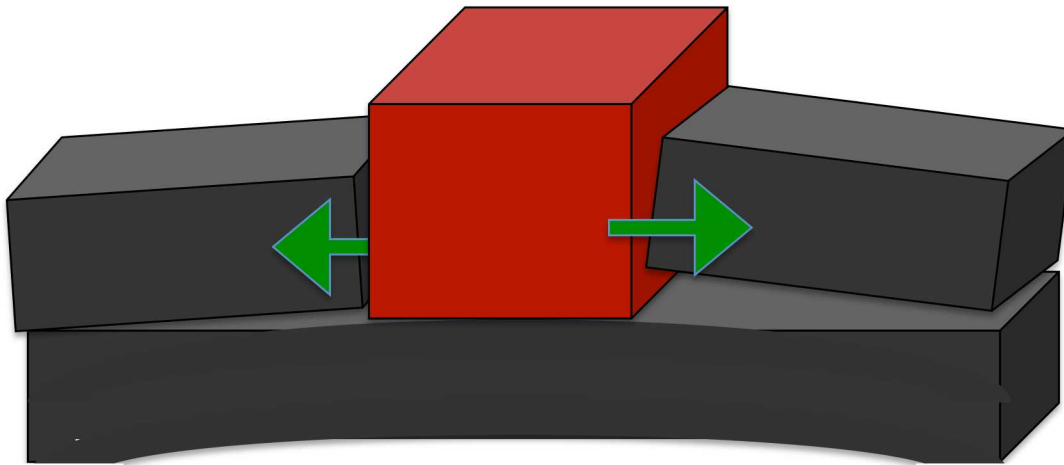
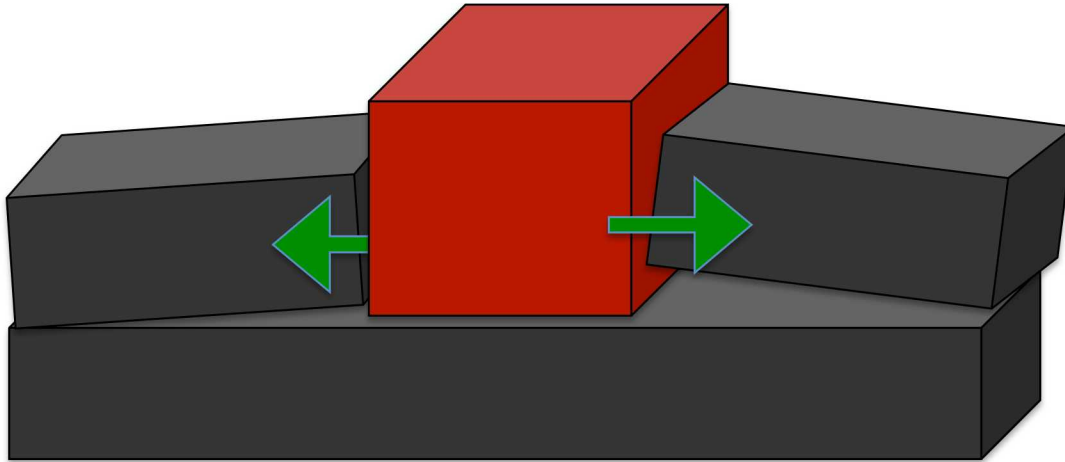
In any type of clamping scenerio, when clamping a part the force exerted on the part



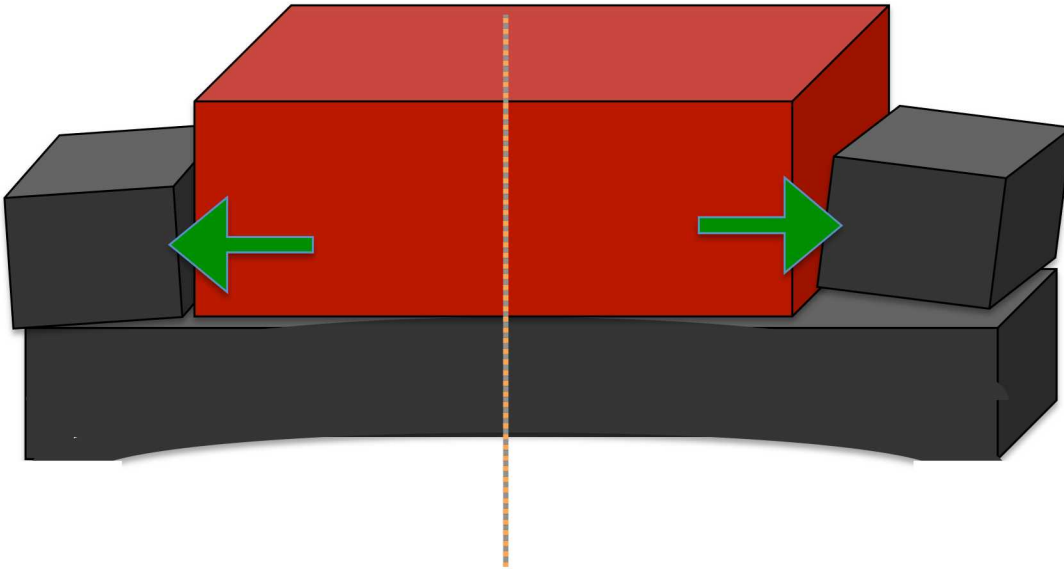
Causes a reactive force....



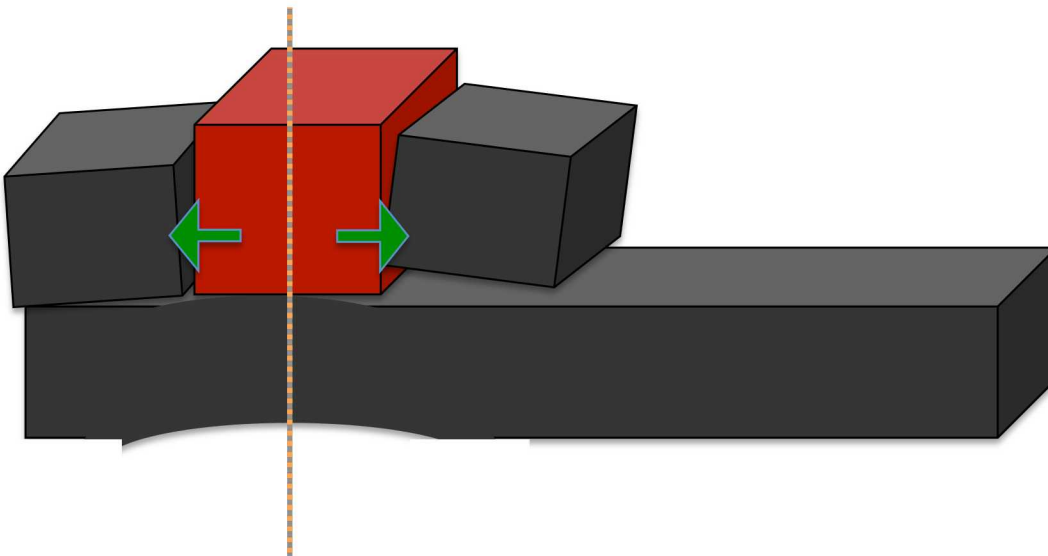
This reactive force is distributed through the jaws to the base causing the base to bow in the center of clamping.



If you are clamping one large part the reaction force will exert the force so, willing the base to bow here in the center.



If, however, you are clamping one small part... the reaction force will exert the force willing the base to bow here.





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Since the fixed jaw (to the left) is stationary and the placement of moveable jaw (to the right) varies. The ideal location for the Toe Clamps is slightly left of center between the moveable and fixe jaw interface.

