

GEAR MESH

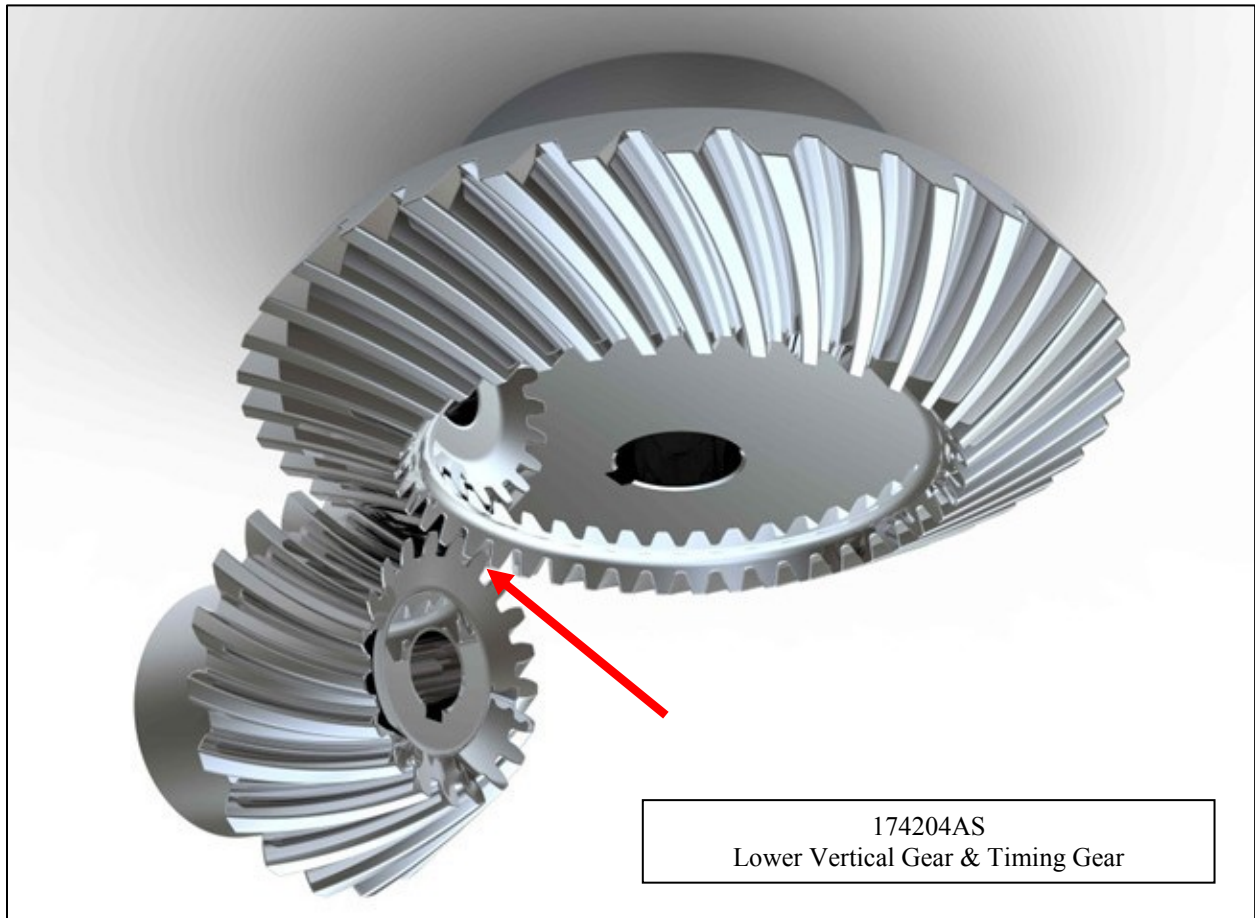
Hopefully made simple¹ ☺



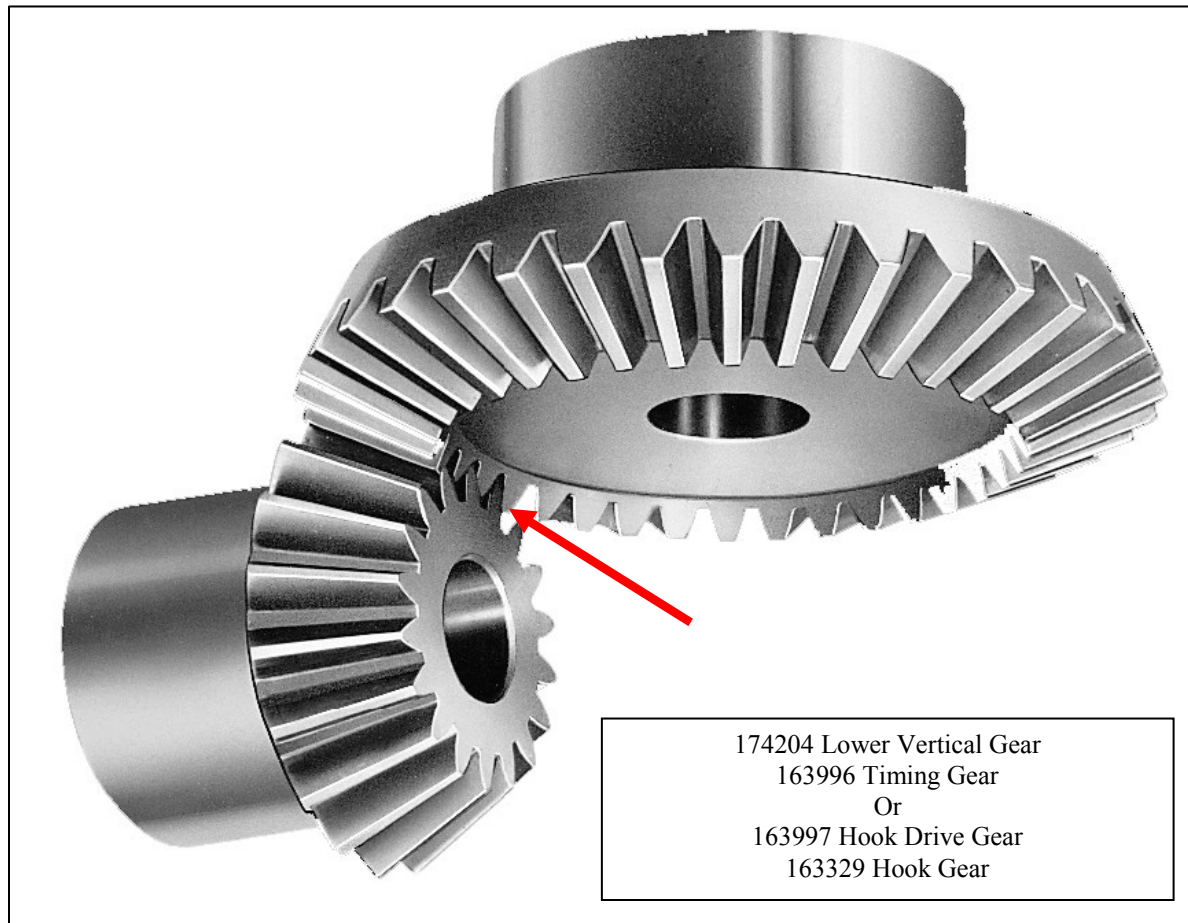
Gear alignment, or gear mesh, as I may often refer to, or email about, in Singer machines...hopefully better explained in this little document. ☺

The idea of gear mesh is getting the teeth of the gears to align as indicated.
The gear can be the newer helical cut gears (angle tapered tooth), or the original OEM type straight tooth gear.

The idea is to get the teeth to align evenly where they meet (reference red line)



Straight tooth OEM type gear



The idea is to get the teeth to align evenly, but you do not wish to have them held tightly against one another either. The gears should be allowed some free play...I cannot say just how much, but at least a small amount of movement so they float freely and do not bind against one another at the same time.