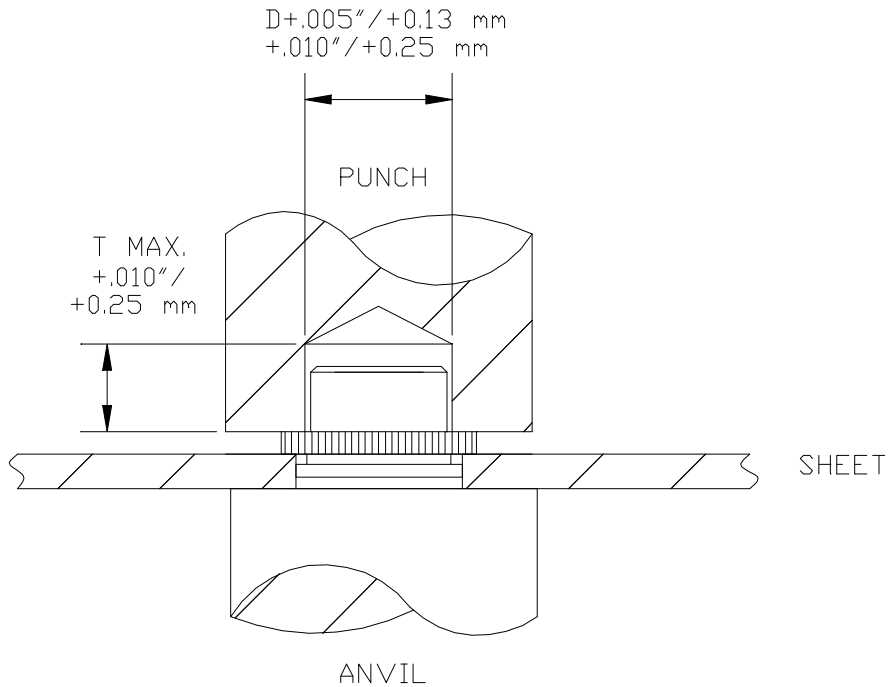


## INSTALLATION OF CAPTIVE FASTENER CFE/CFEO/CFEX/CFEOX NUTS

- Punch or drill properly sized mounting hole in sheet. Do not perform any secondary operations such as deburring.
- Place shank of nut into mounting hole, preferably the punch side.
- For proper installation have punch and anvil surfaces parallel, and apply steady squeezing force as follows:
- Until knurled collar is flush with bottom of sheet with thickness of .060 (1.5mm) and up.
- For type CFE/CFEO until pilot is flush with bottom of sheet with thickness of .040 (1mm) to .060 (1.5mm).



In applications for sheet thicknesses between the two ranges use the fastener with the larger "A" dimension. For example, if you want a #4-40 thread and your sheet thickness is between .045/1.14 mm and .059/1.49 mm, you should use type CFE or CFEX. This is not recommended installation practice, but in this case if it is necessary, you should install the fastener so that the bottom of the shank is flush with the underside of the sheet (instead of having the top of the knurled collar flush with the top of the sheet). When this method is used, care must be taken to protect the fastener against crushing which would damage the threads. This method will also result in reduced push-out and torque-out values