

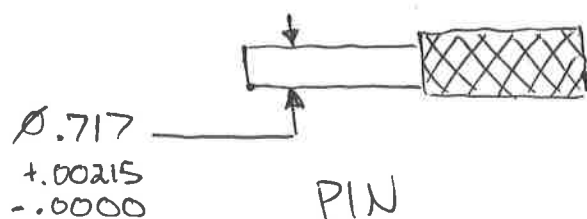
① Hole VC = .717

② 50% of size tol. = .00065

③ 50% of pos. tol. = .0015

} \Rightarrow 50% of workpiece tol. = .00215

So then my pin diam. would be!



But this is without considering the effect of the .010 pos. tol. applied to the fixture holes (see my attachment in above post). Does this additional tolerance need to be accounted for in my pin size?

As I understand it, the fixture could be considered to be designed ~~to~~ according to the absolute tolerancing policy ~~§~~ if I ignore this additional tolerance (see Fig. A-2a + A-2c in ASME Y14.43) or if I include it in the pin size (see Fig. A-2b + A-2d). Am I correctly interpreting the standard?