

Design Requirement:

What diameter should I modify the design the ABS/PC version to not fail?

Ex.: If the Nylon version's diameter was enlarged 1.25%, and it worked. Then, what would be the ABS/PC version's diameter be enlarged to, to have the same result?

Order of assembly:

Part is slid into a hole

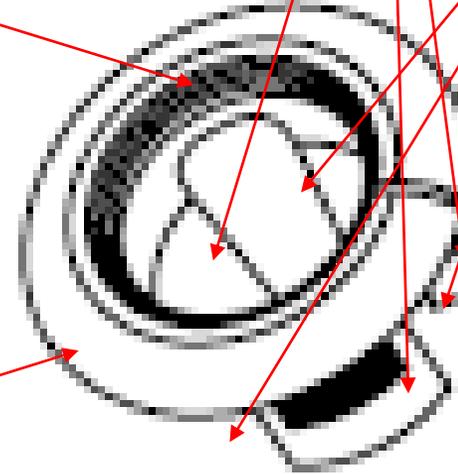
A mating part slides inside the Part and makes this part fail.

Material: ABS/PC

3 Flanges

3 Slots

Modified diameter on Nylon version



Flanges flex during an assembly operation, where these flanges fail currently.