

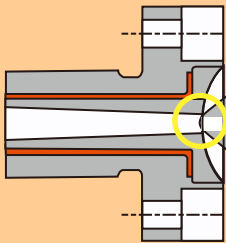
Doom...

THIS SPRUE IS TOO THICK...

THIS MATERIAL'S PRICE IS SO HIGH, BUT WE CAN NOT CRUSH THE SPRUE AND RECYCLE IT. WE ARE VERY TROUBLED...

IS IT POSSIBLE TO THIN THE SPRUE MORE? FIRST OF ALL, HOW DO YOU DECIDE THE SPRUE SIZE?

WE DECIDE IT ON THE BASIS OF THE NOZZLE DIAMETER.



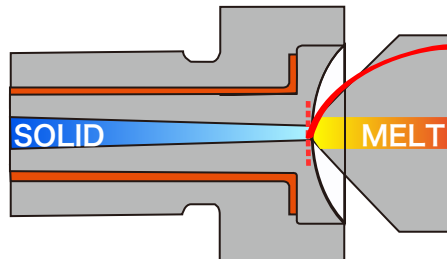
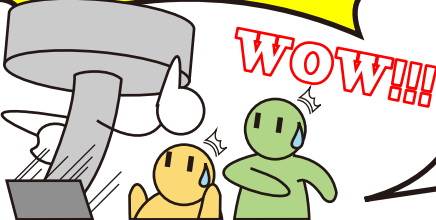
IF THE SPRUE SIZE IS THINNER THAN THE NOZZLE DIAMETER, IT WILL MAKE THE UNDERCUT.

BUT MANAGER, WHY WE CAN MOLD BY USING THE E.S. SPRUE BUSHING?



HMM?

I WILL EXPLAIN!

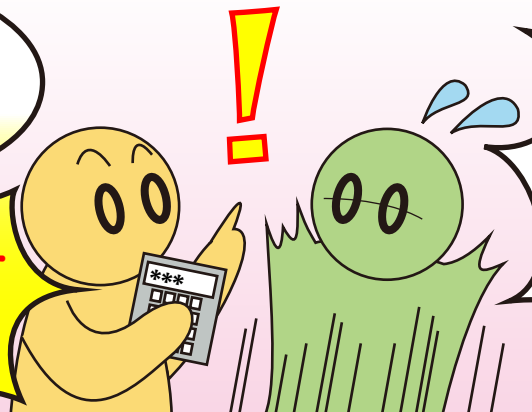


SPRUE IS CUT TO CLEAN!

E.S. SPRUE BUSHING MAINTAIN THE TEMPERTURE OF THE NOZZLE, SO IT MAKES THE MELTING STATE OF THE NOZZLE, AND THE SOLIDIFIED STATE OF THE SPRUE. SO **E.S. SPRUE BUSHING MAKES NO UNDERCUT!**

SO, IF WE CHANGE THE SIZE FROM $\phi 3.5$ TO $\phi 2$...

AMAZING!! THE SPRUE WEIGHT BECOMES ONE THIRD!!!!



NO KIDDING! WE CAN REDUCE SO MUCH BY USING THE E.S. SPRUE BUSHING!