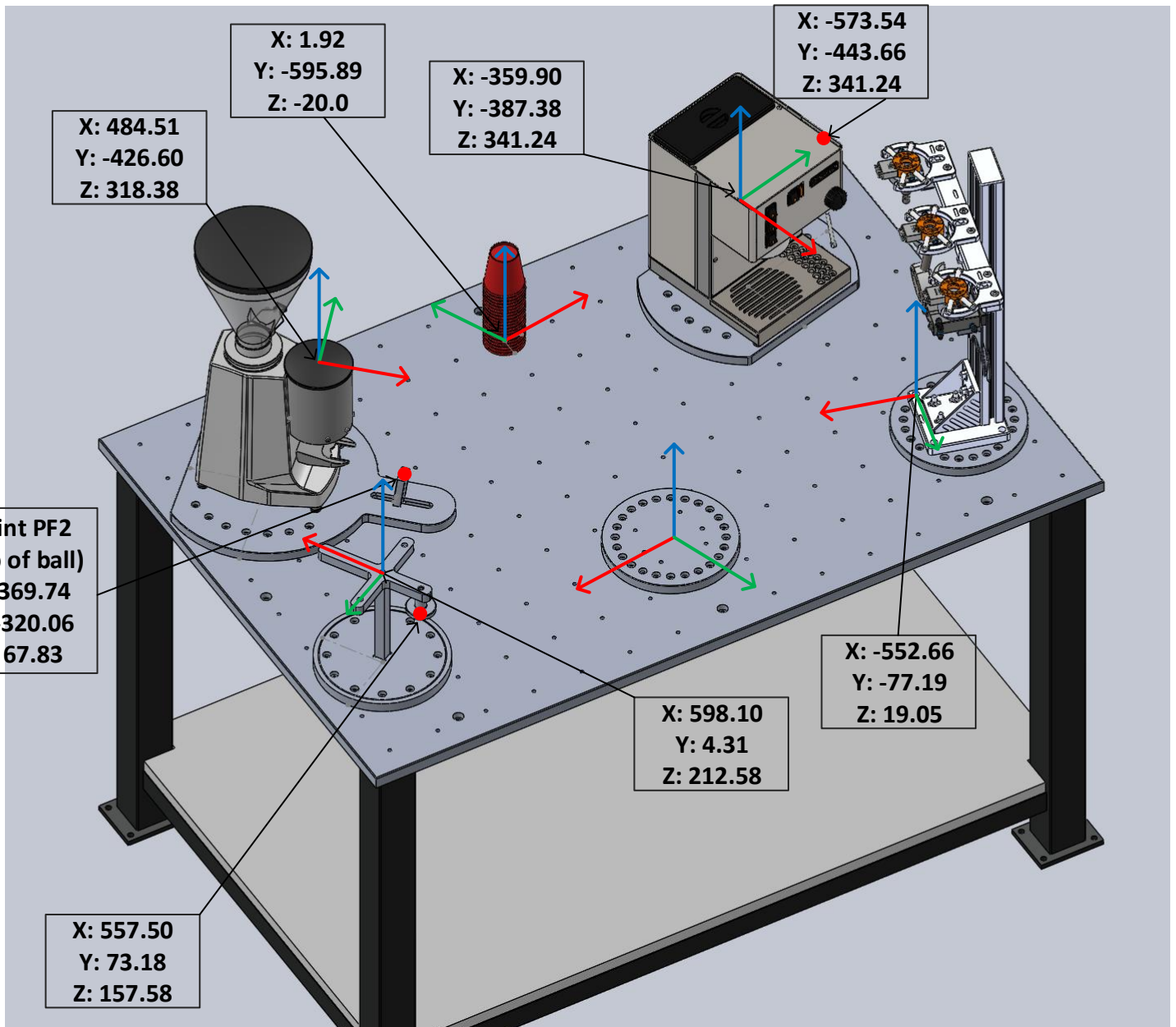


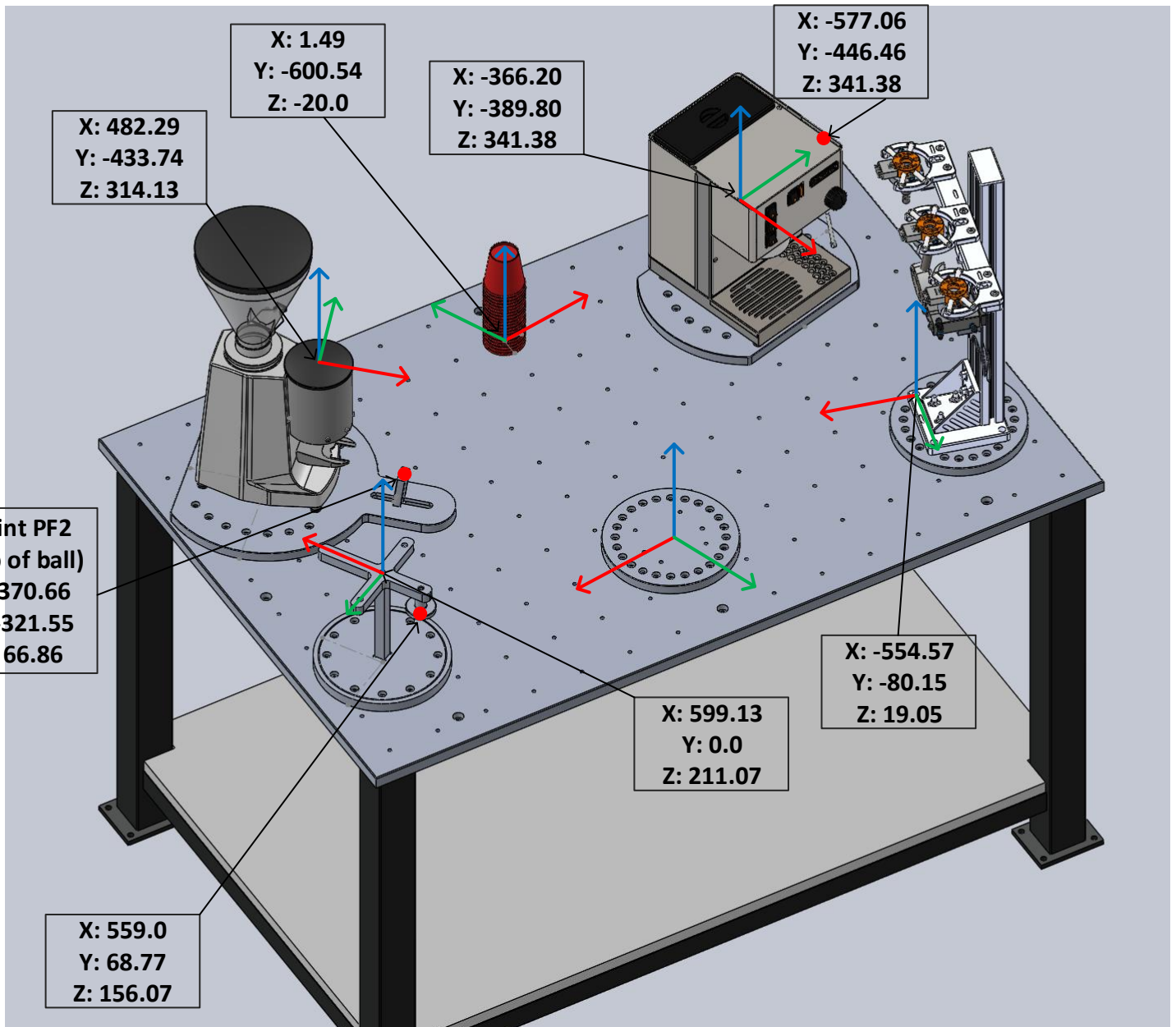
# Change log

V1 (09/08/2020) – initial release

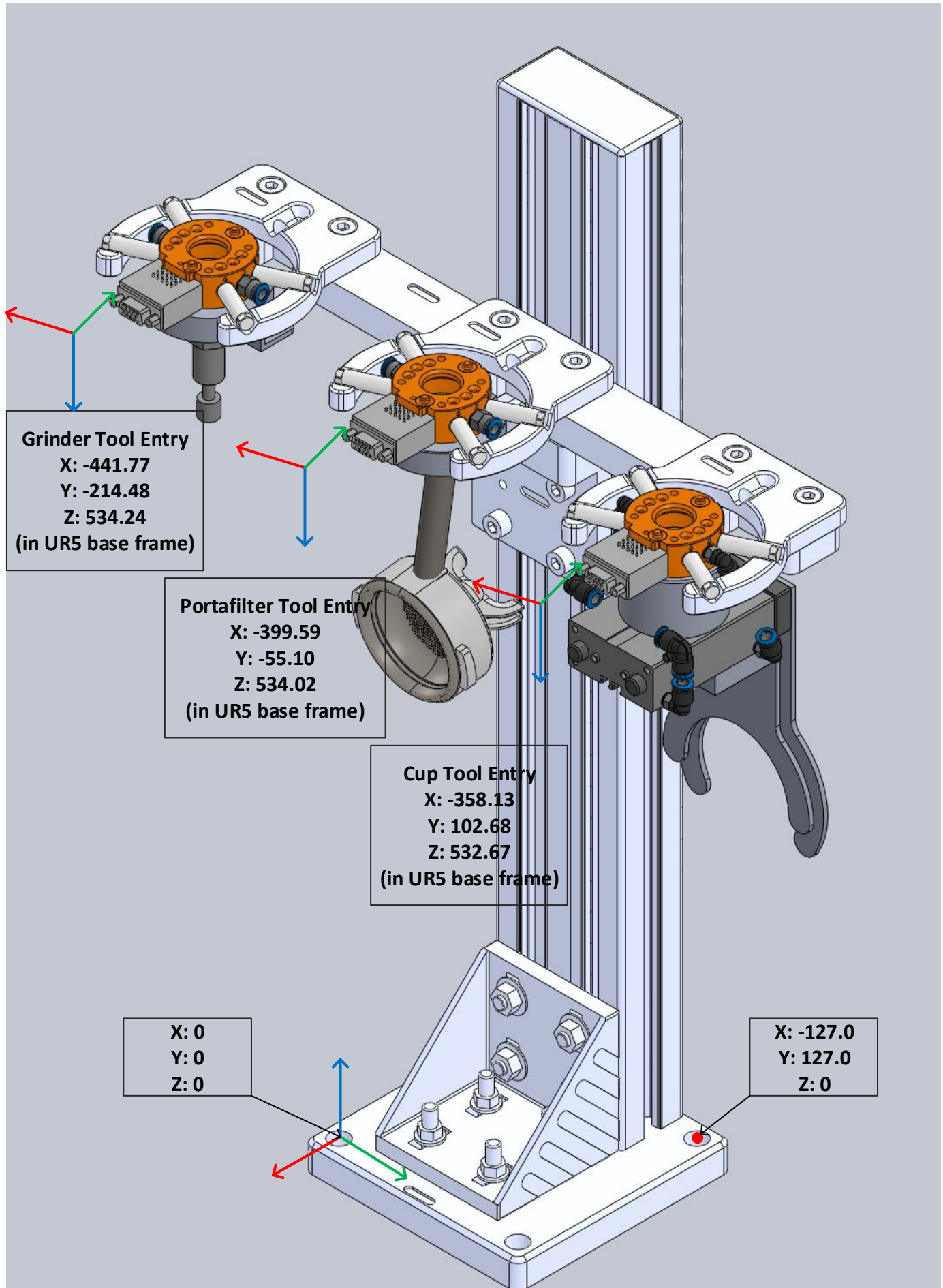
# Apparatus UR2020



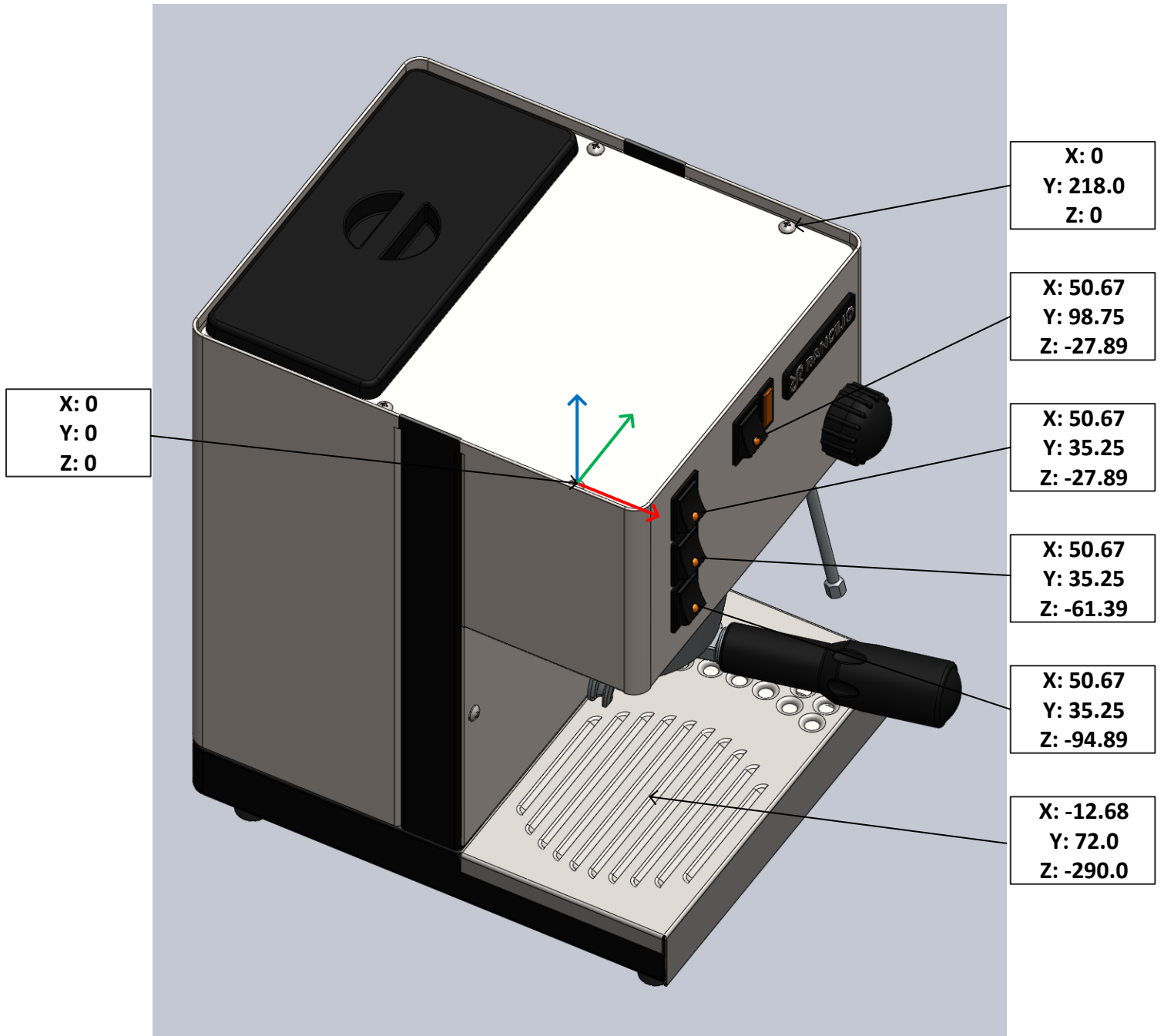
# Apparatus UR2019



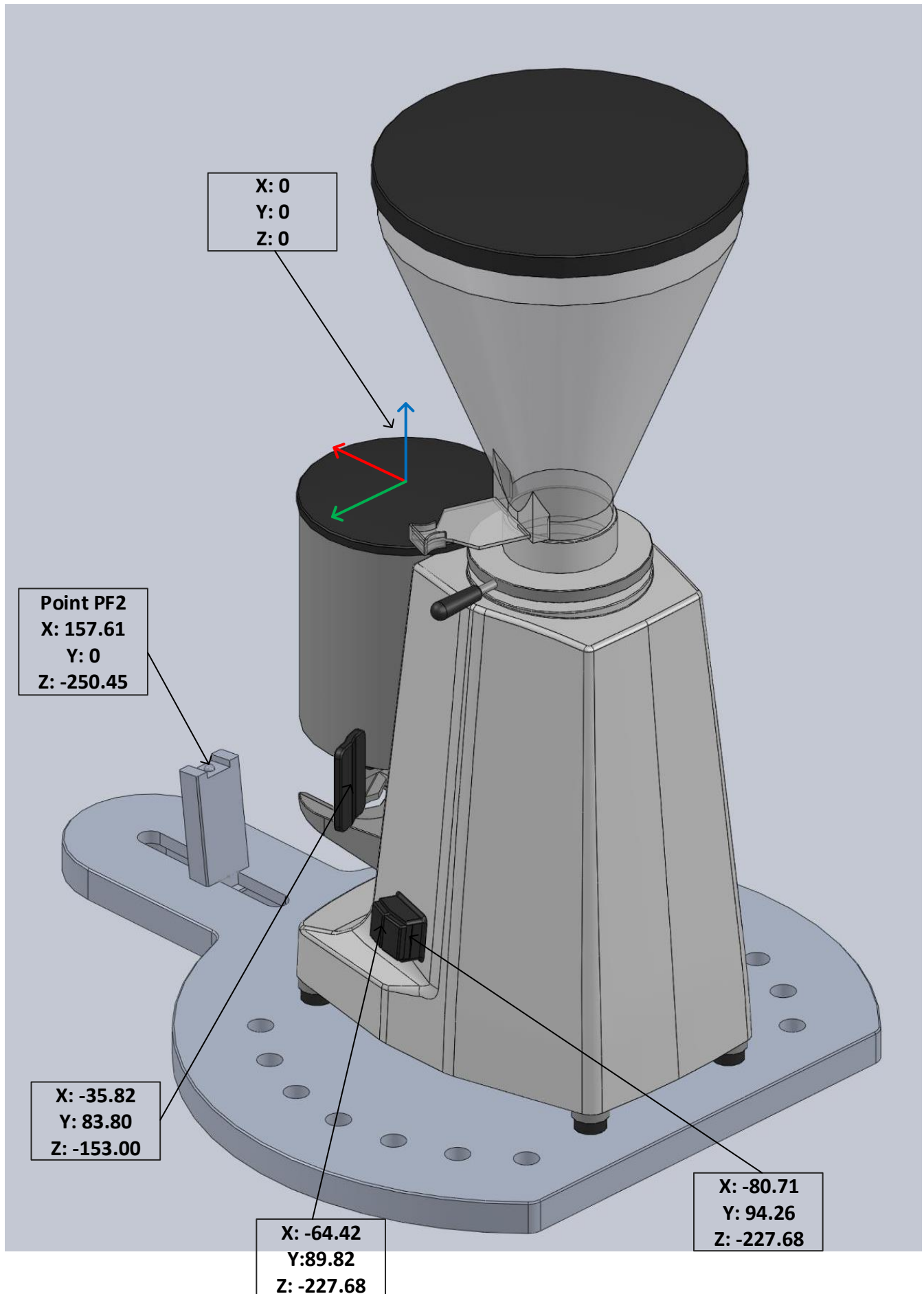
## Tool stand



Coffee machine (Silvia)

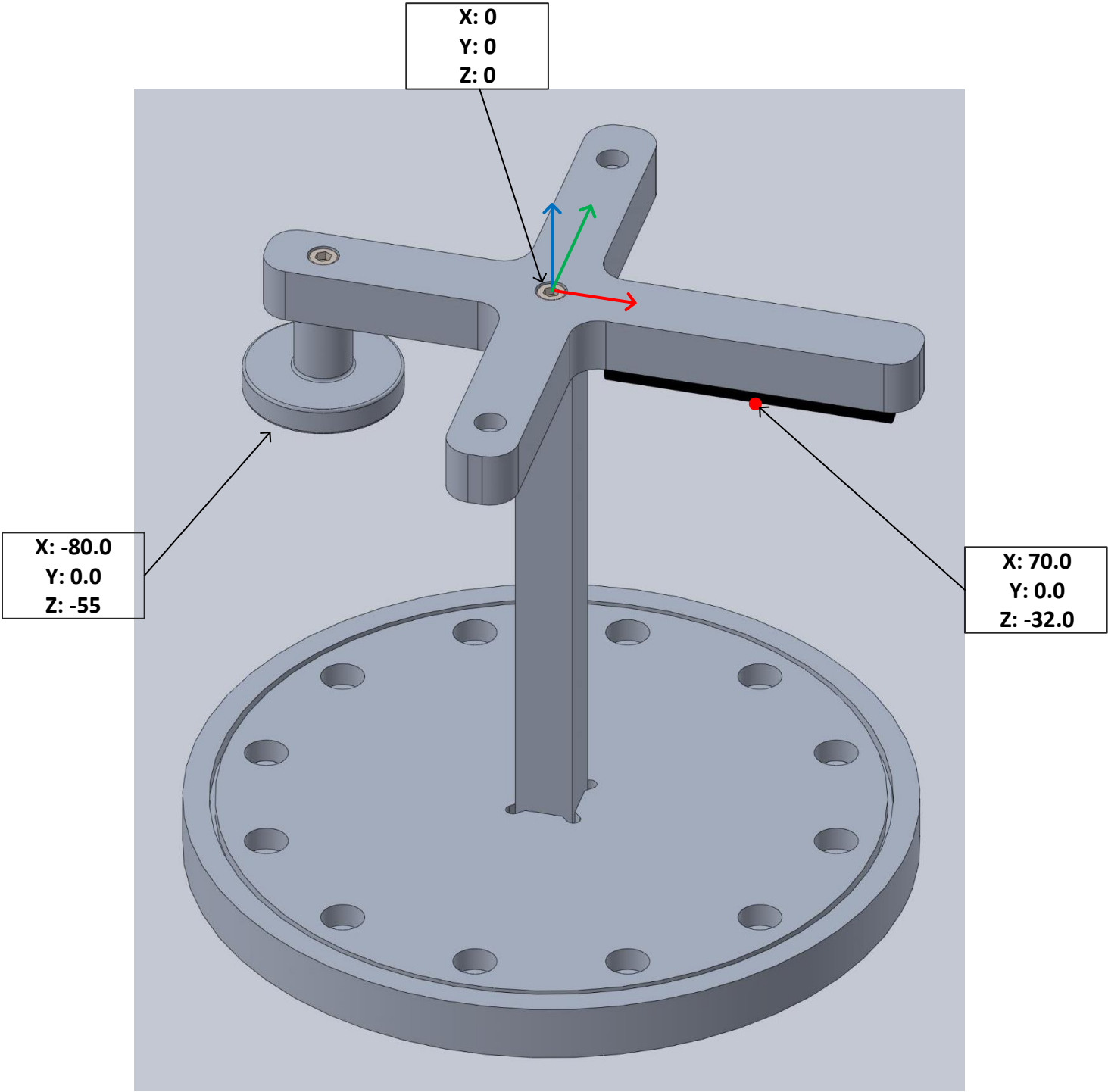


# Grinder

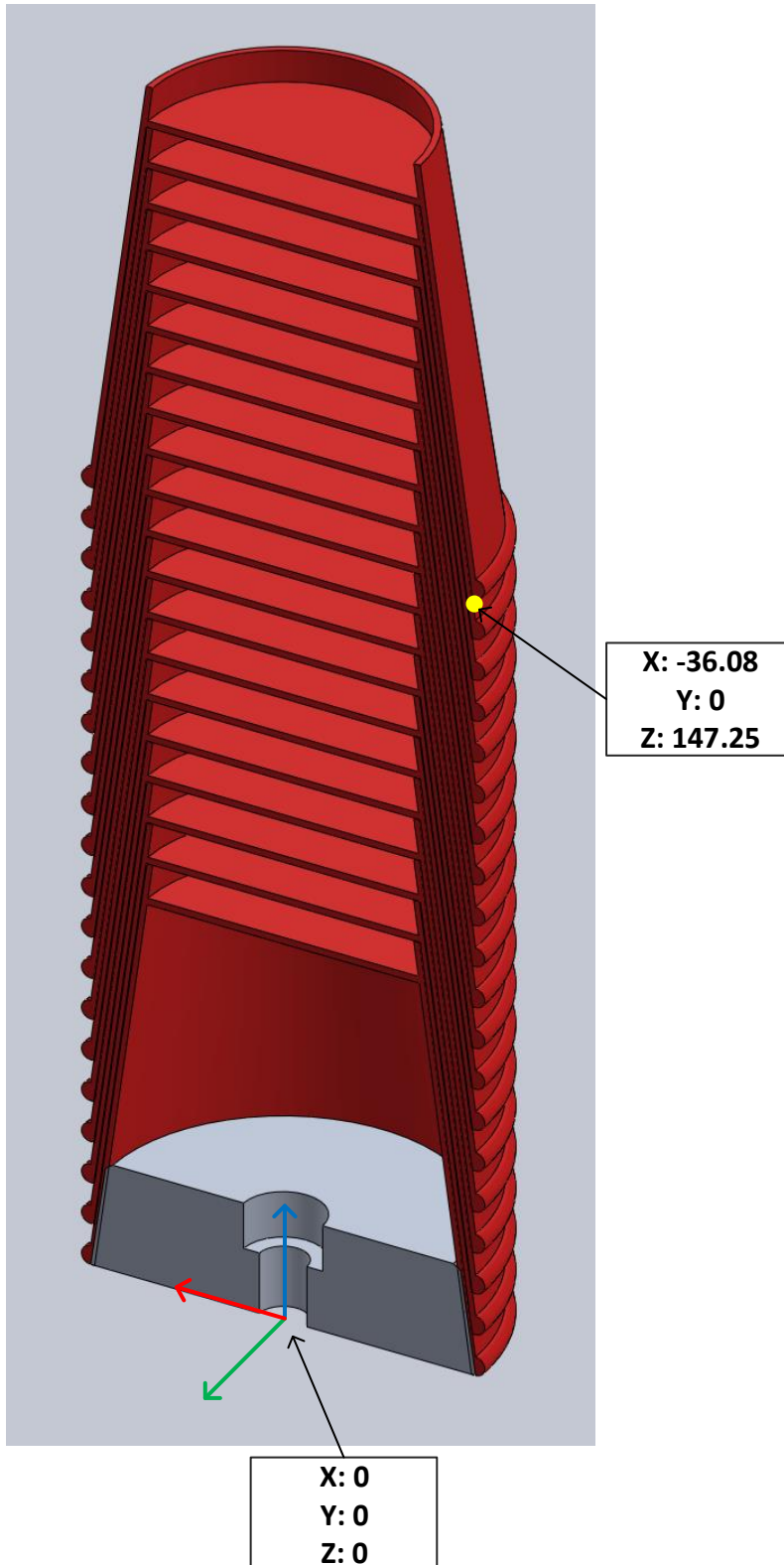




Tamper - scraper

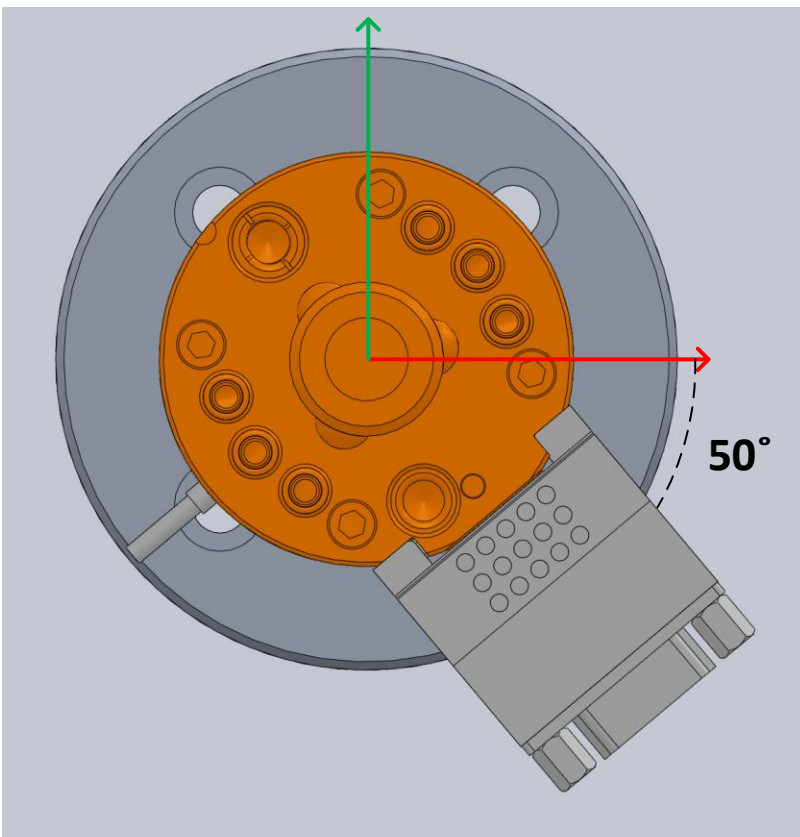
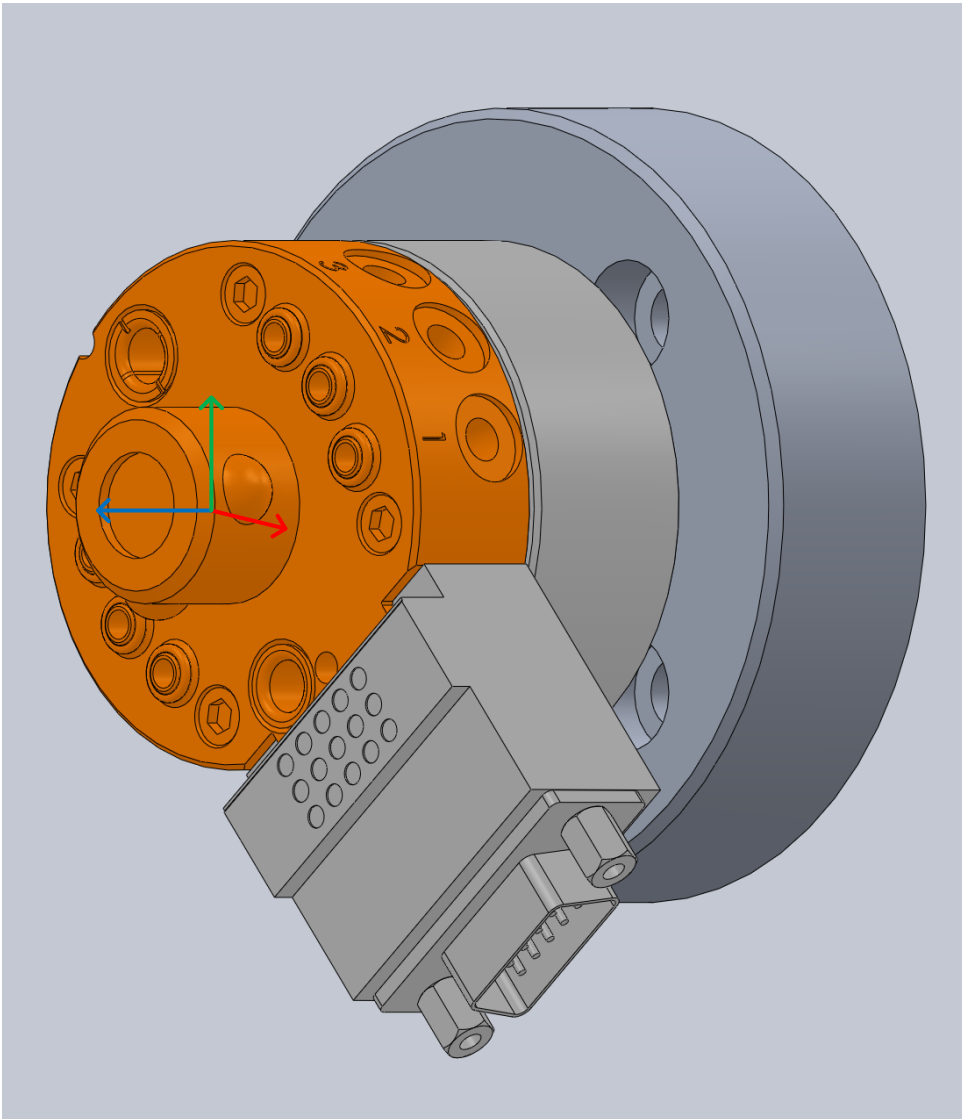


## Cup stack

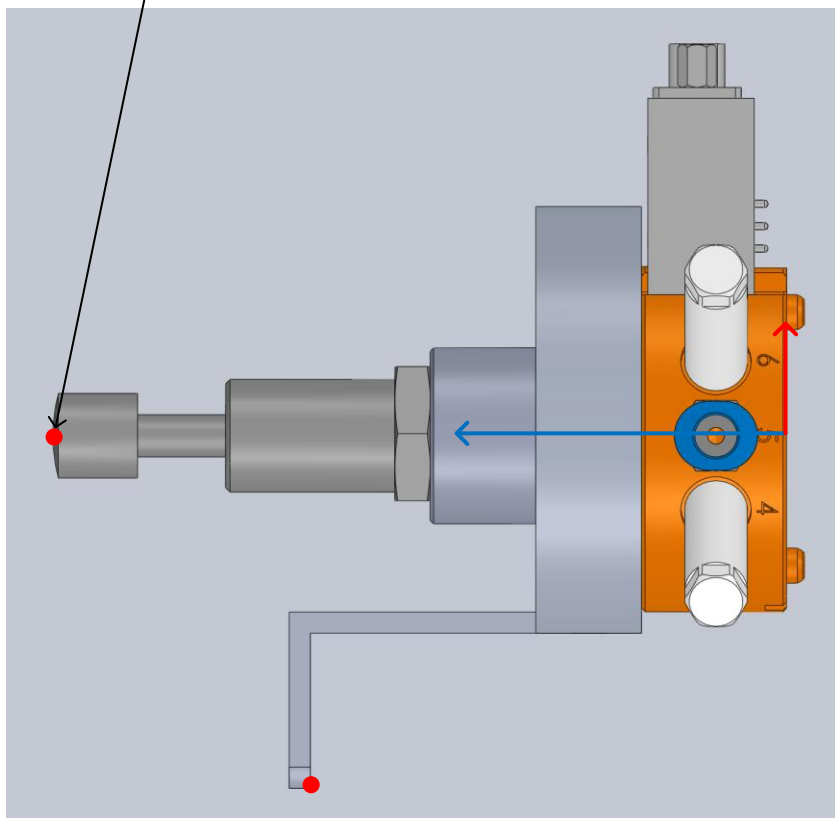
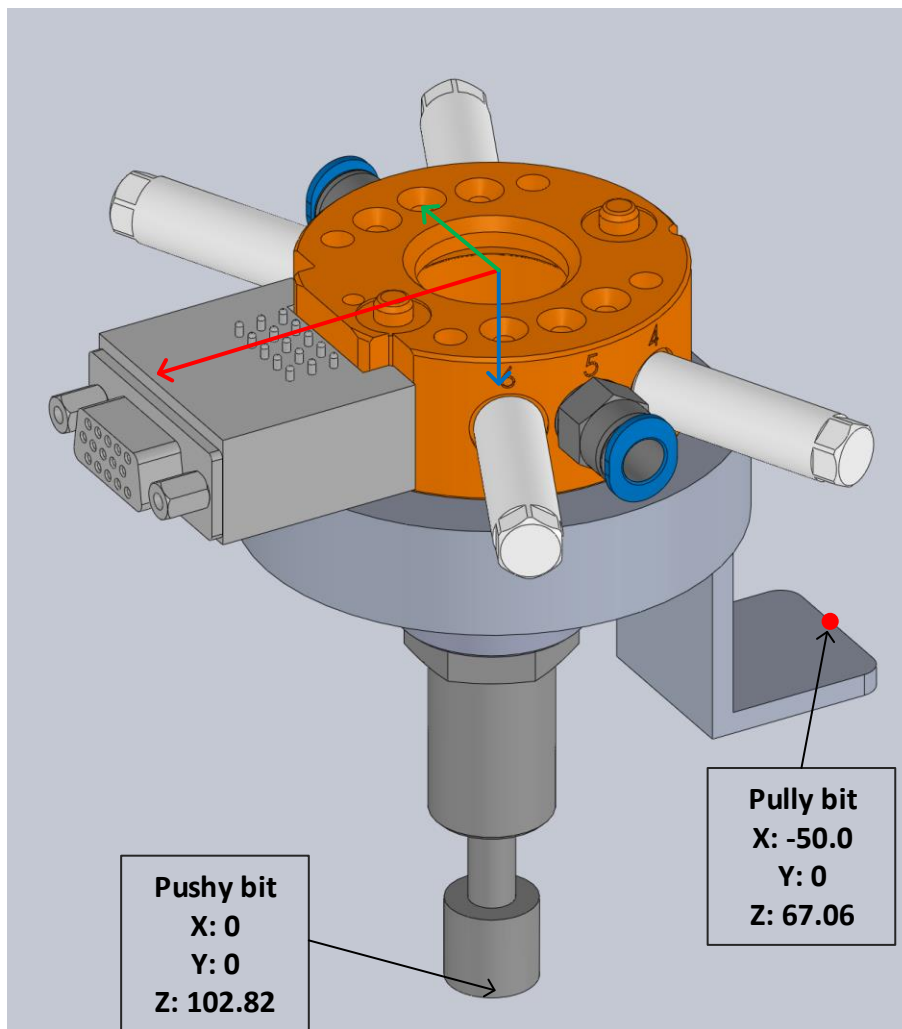




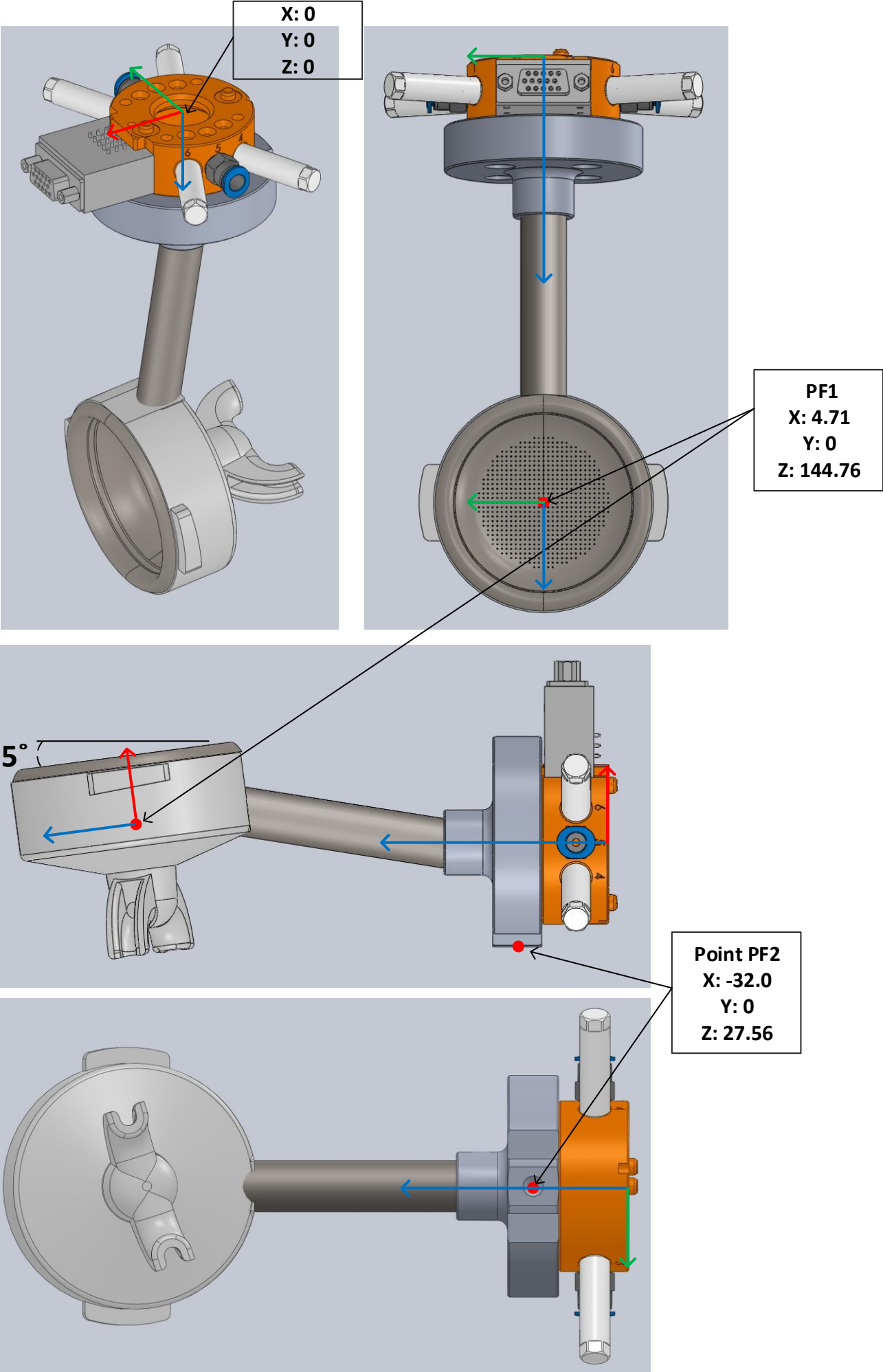
Tool adapter for UR5 – permanently attached.  
\*This frame is aligned with the UR5 TCP frame



## Grinder tool attachment



Portafilter tool attachment



## Cup tool attachment

