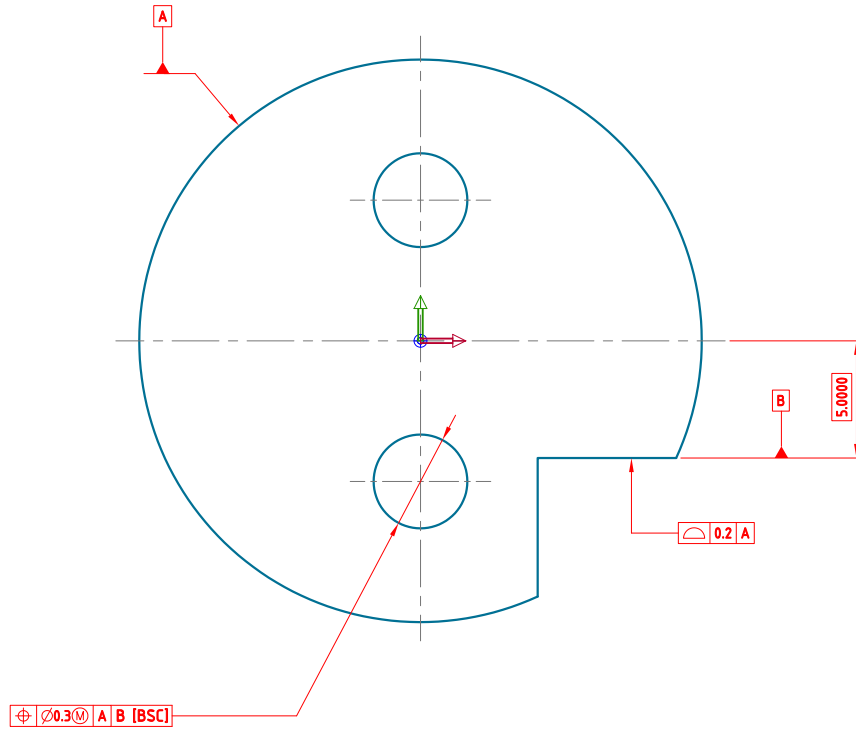


Dimensioning #1

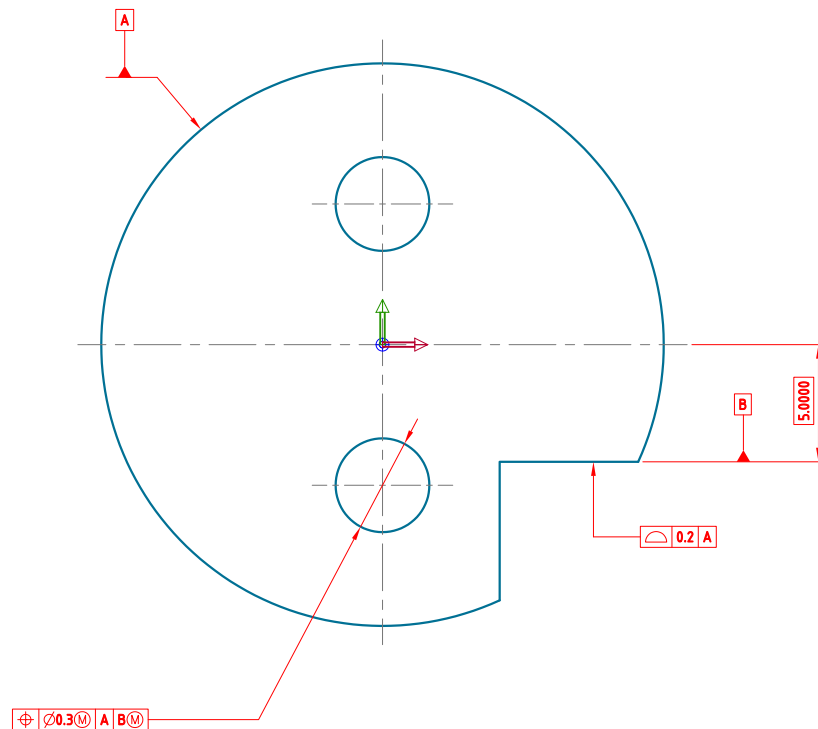
Pic. #1

Basic



Dimensioning #2

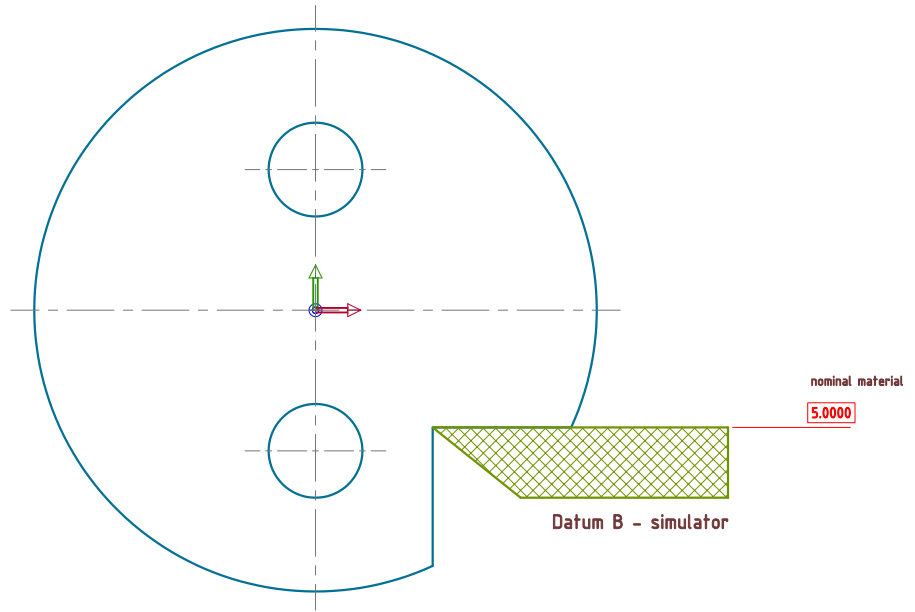
"Maximum Material"



Dimensioning #1

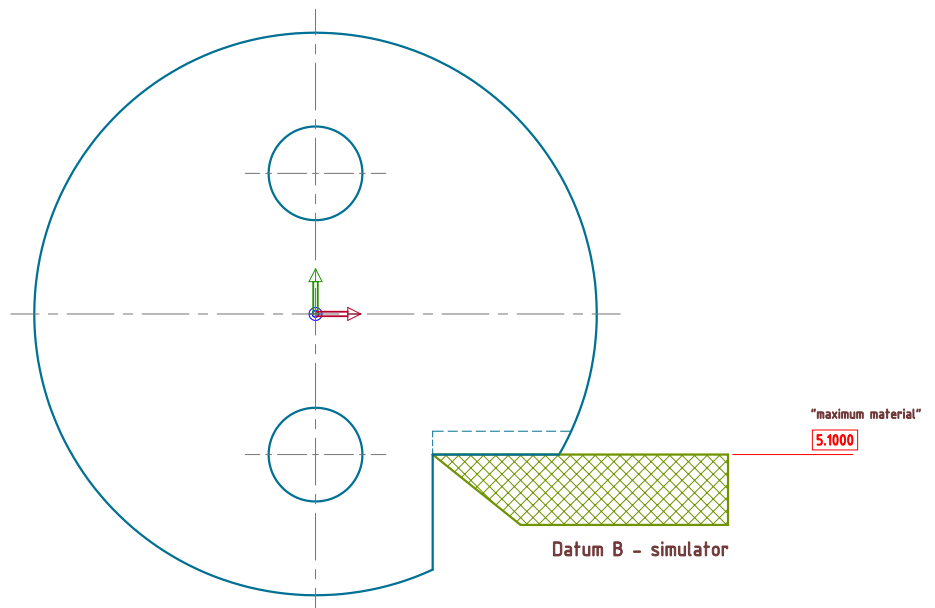
Pic. #2

Basic



Dimensioning #2

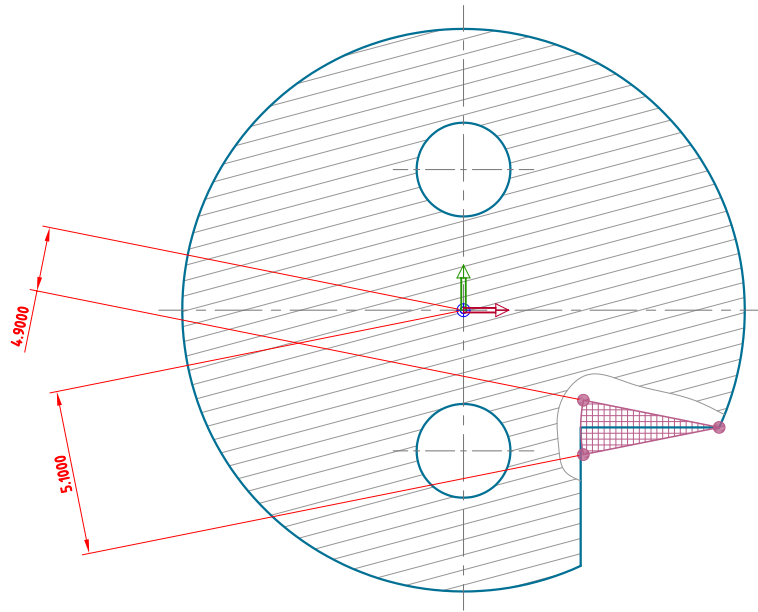
"Maximum Material"



Dimensioning #1

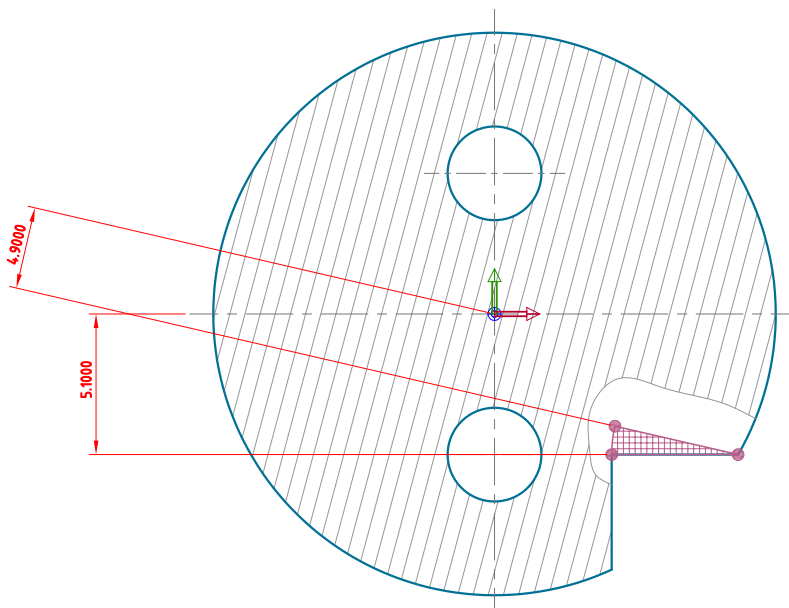
Pic. #3

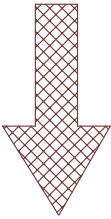
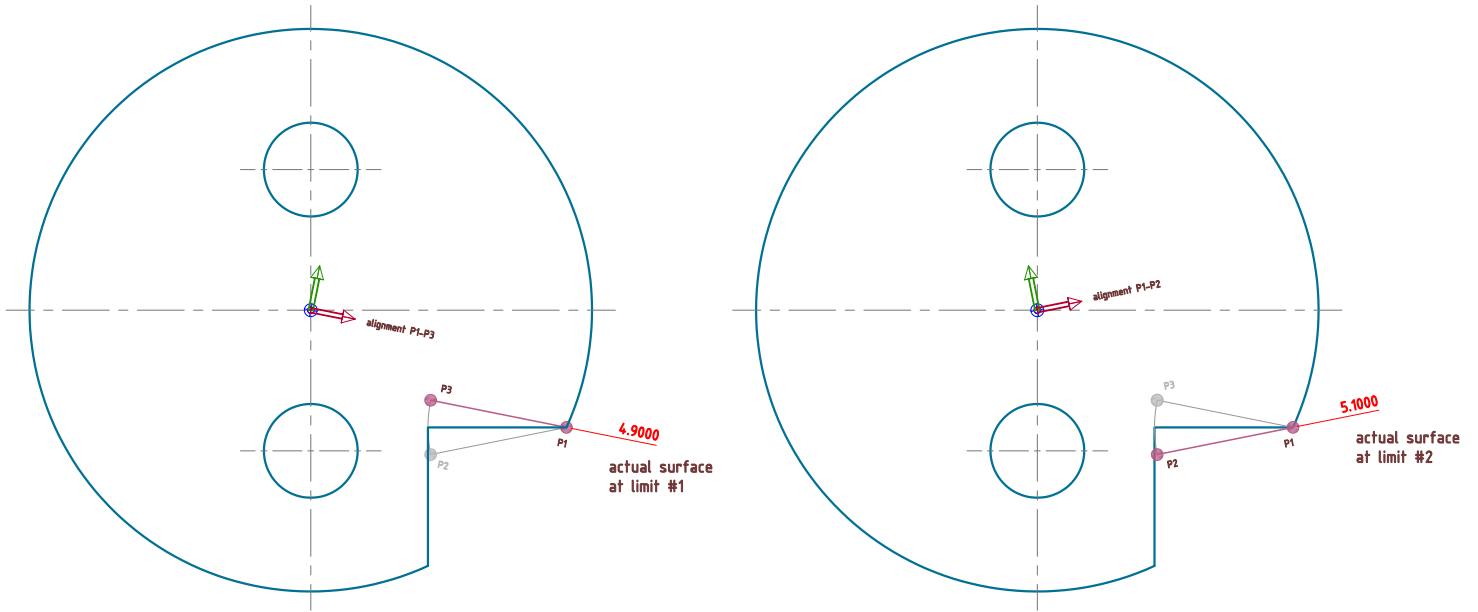
Basic



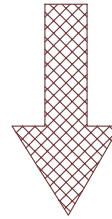
Dimensioning #2

"Maximum Material"





\oplus $\varnothing 0.3 (M)$ A B [BSC]

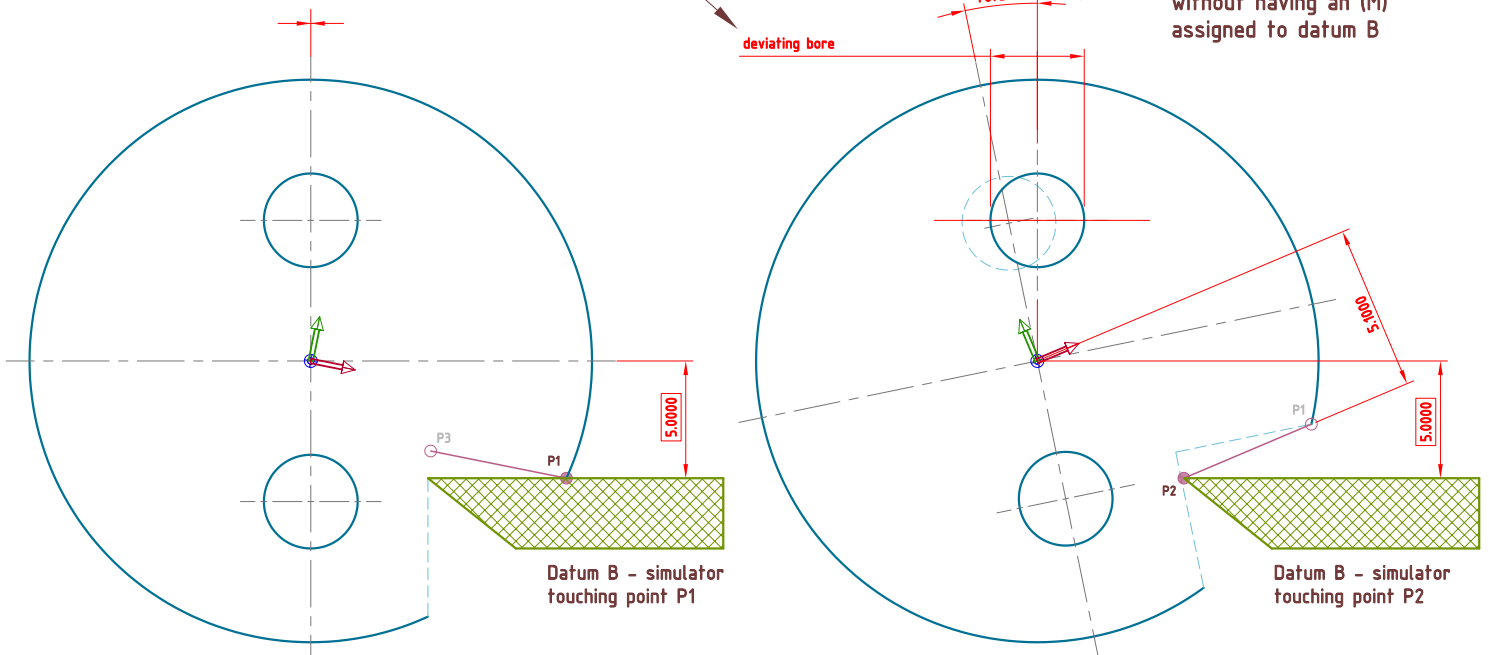


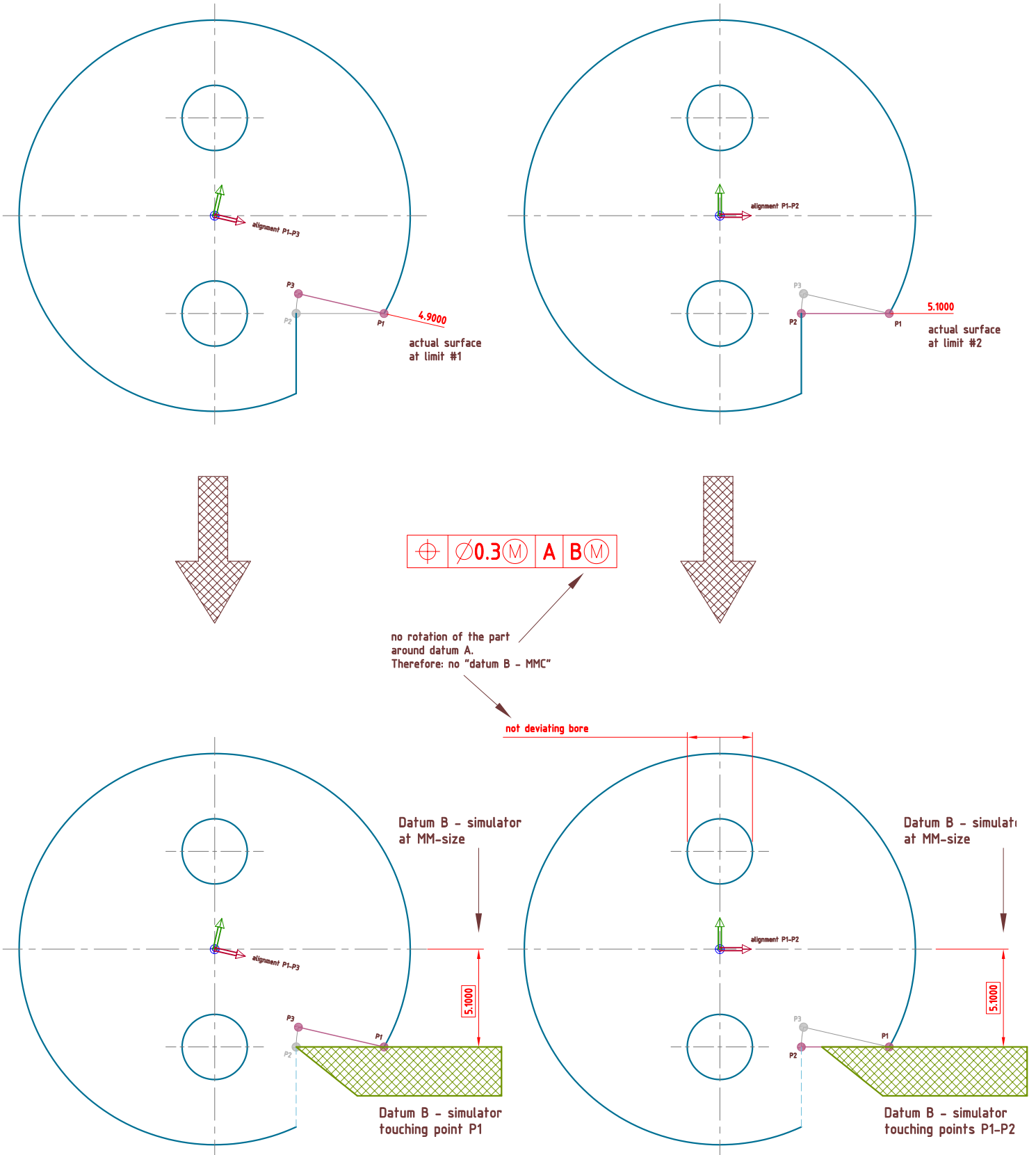
allowable position of a bore according virtual "datum B - MMC"

No datum B - rotation

deviating bore

Kind of datum B - rotation without having an (M) assigned to datum B

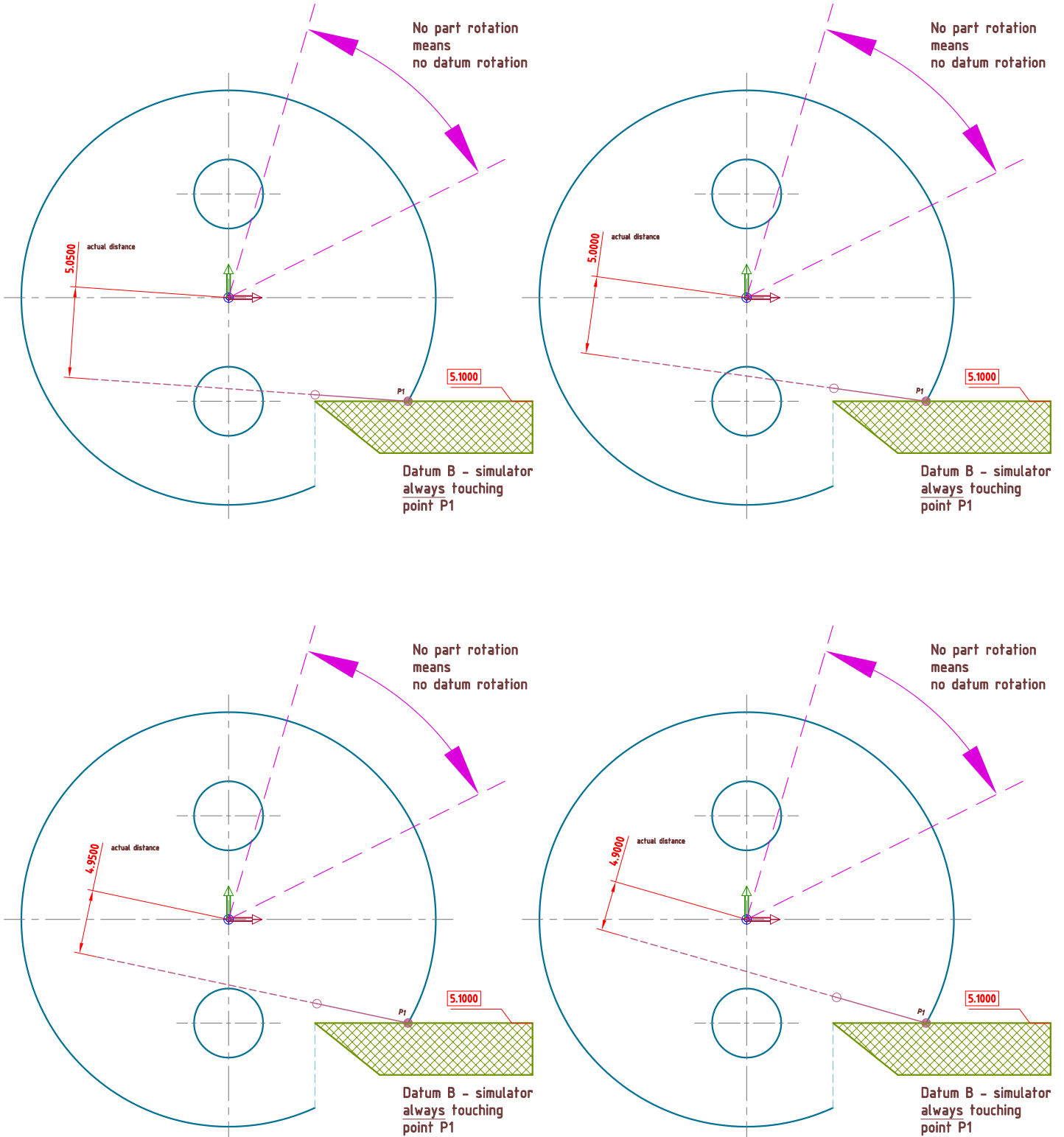




Datum B and MMC

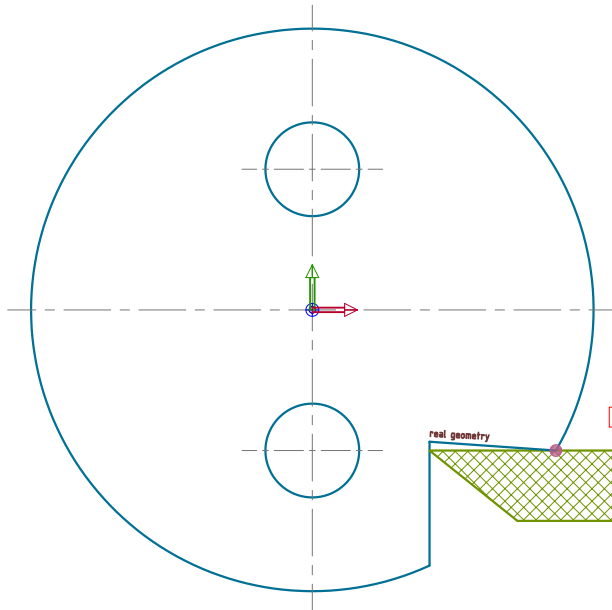
Pic. #6

\oplus $\varnothing 0.3$ (M) A B (M)



Datum B and MMC

\oplus $\varnothing 0.3$ (M) A B (M)



Defining the datum simulator at 5.1000 means that there is not any part rotation as long as the real geometry is within 5 ± 0.1 .

Part rotation always means datum rotation and also means "Maximum-Material-Condition".

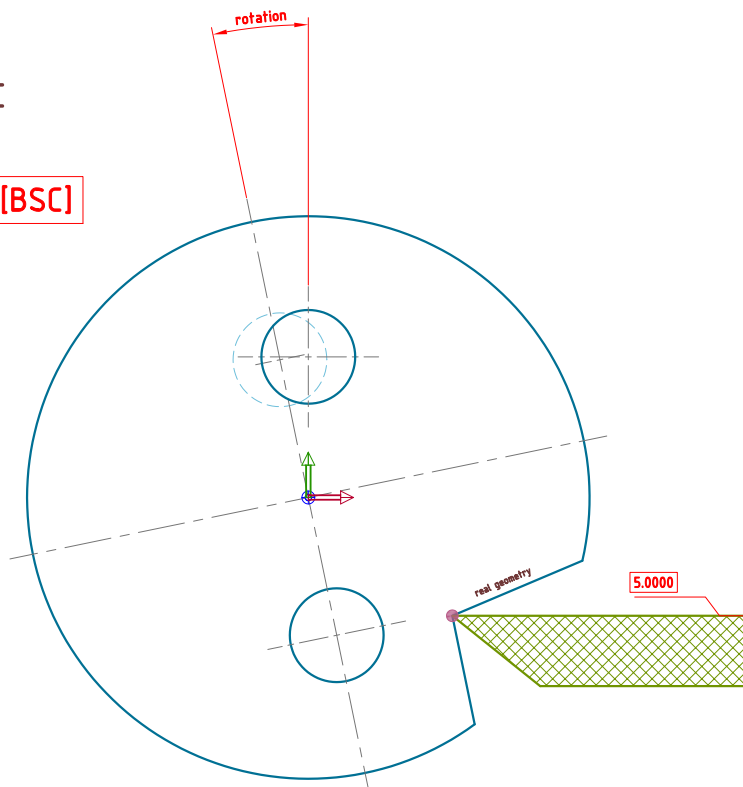
Consequence:
The (M) is definitely wrong!

\oplus $\varnothing 0.3$ (M) A B (M)

Datum B without MMC

\oplus $\varnothing 0.3$ (M) A B [BSC]

The [BSC] is sometimes the substitute for (M).



Temporary part rotation leads datum rotation

