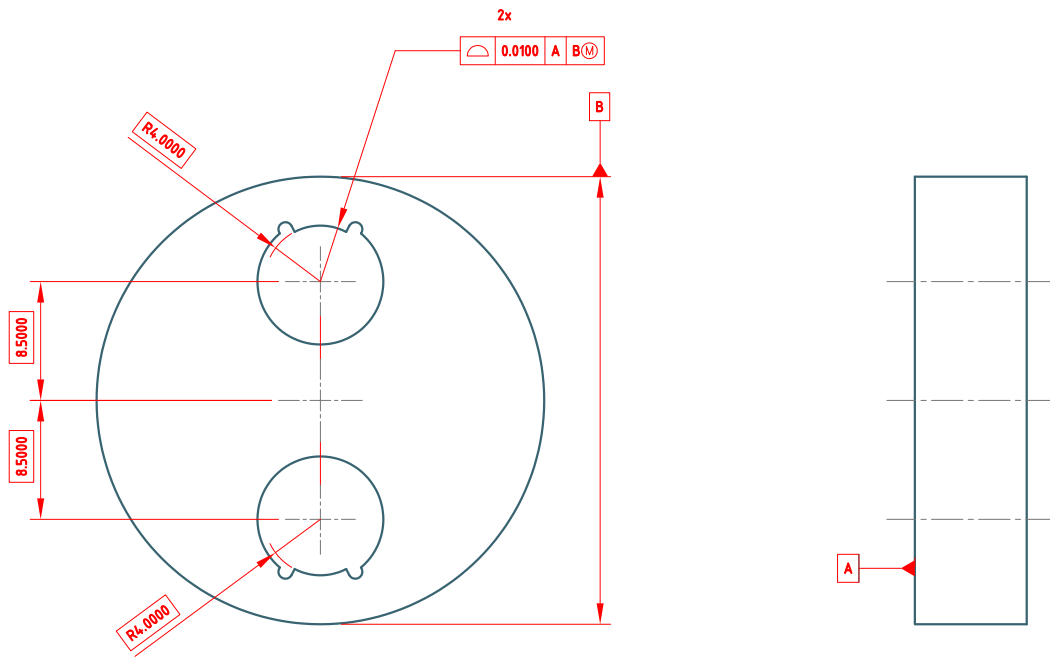


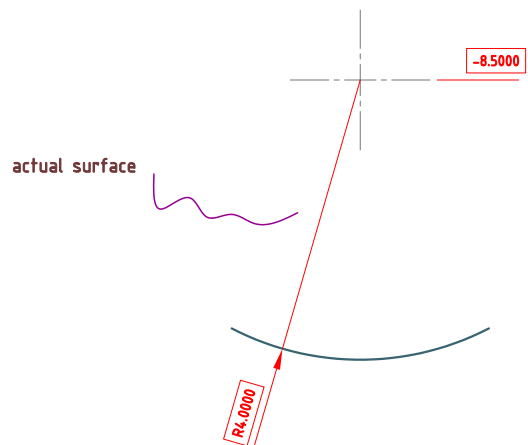
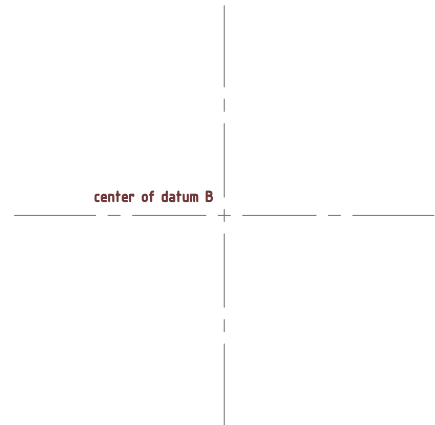
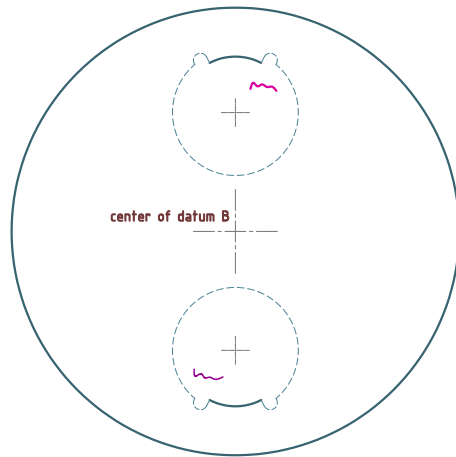
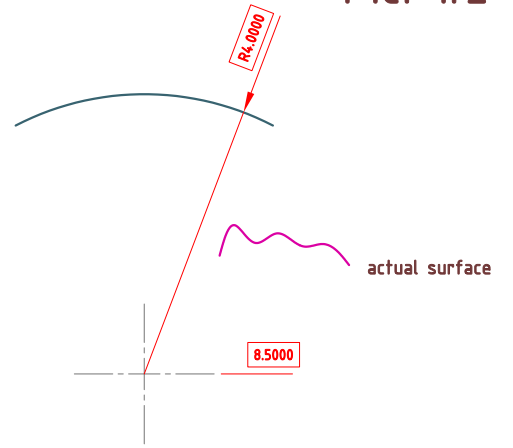
Dimensioning

Pic. #1



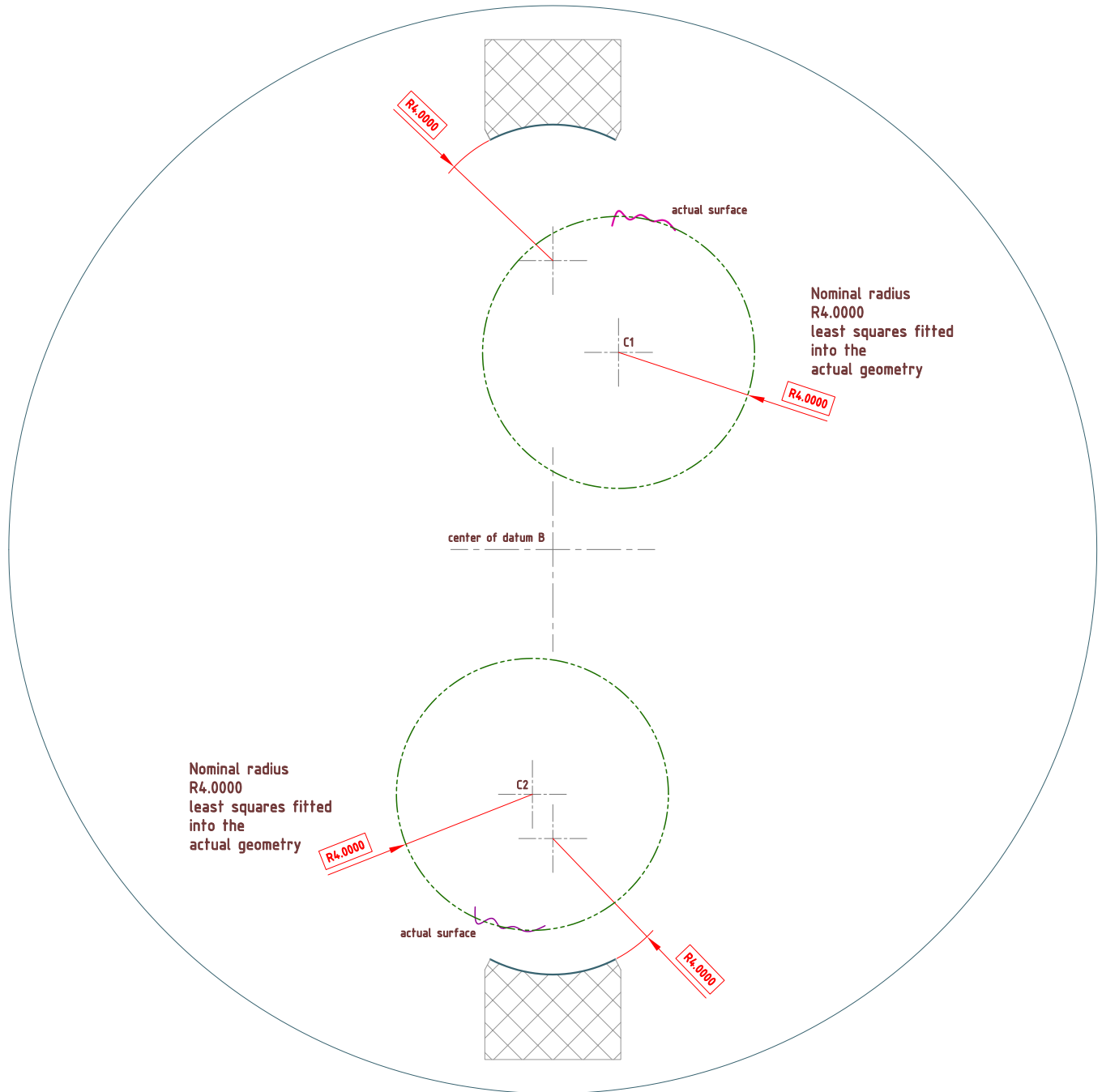
Actual geometry

Pic. #2



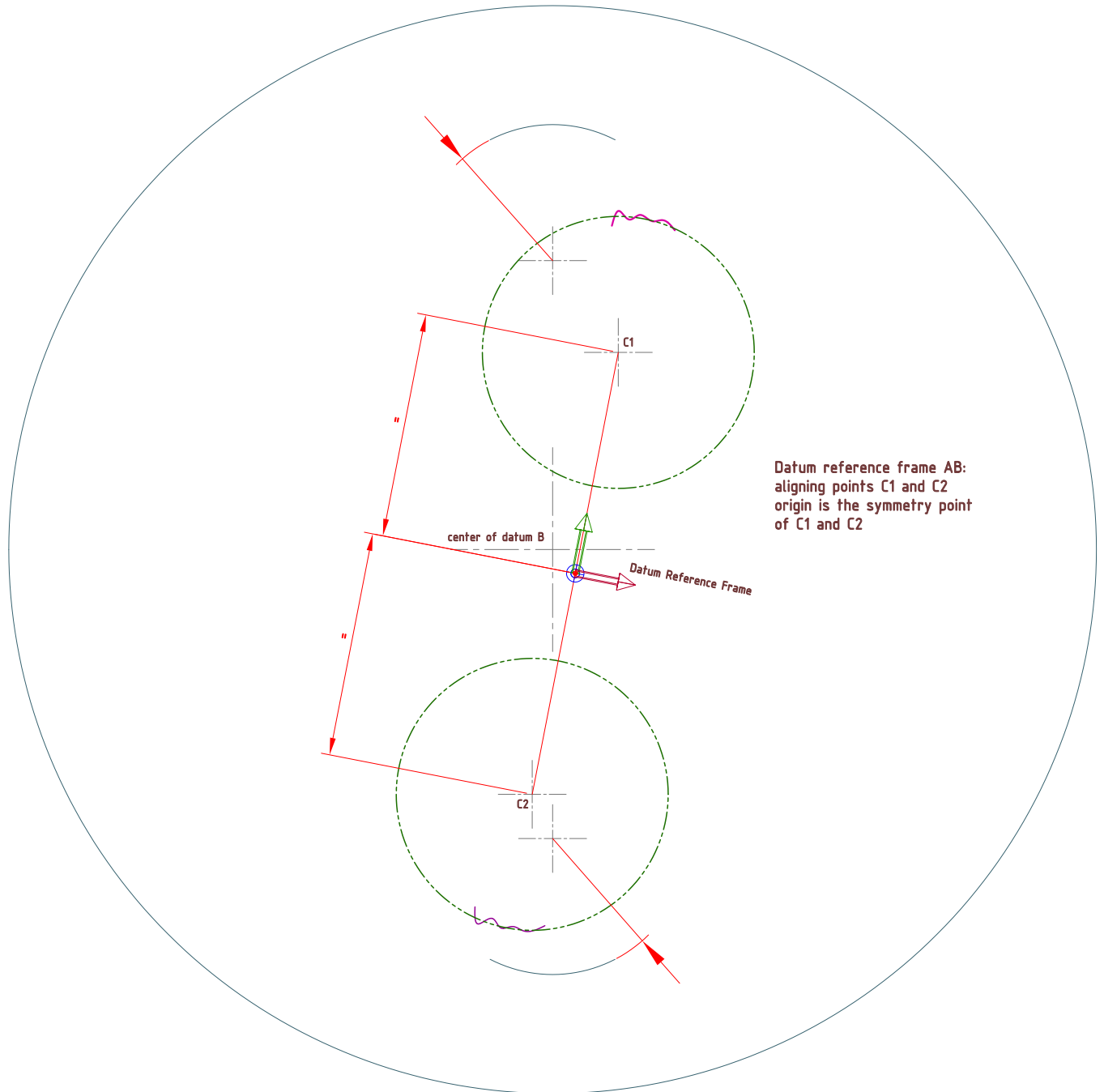
Least Squares Fit (2x)

Pic. #3



Datum Reference Frame AB

Pic. #4

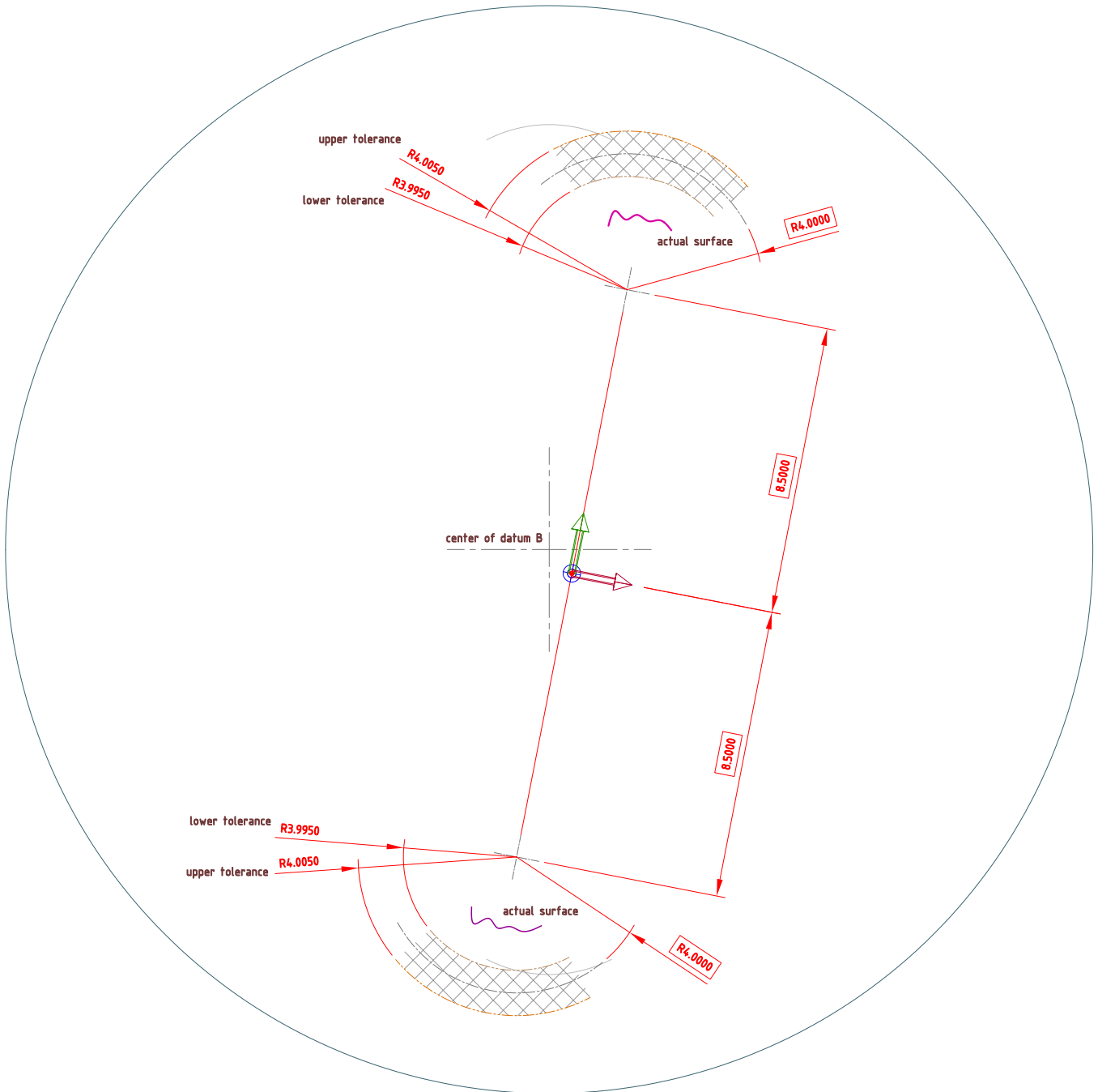


Datum reference frame AB:
aligning points C1 and C2
origin is the symmetry point
of C1 and C2

Evaluation of Profile

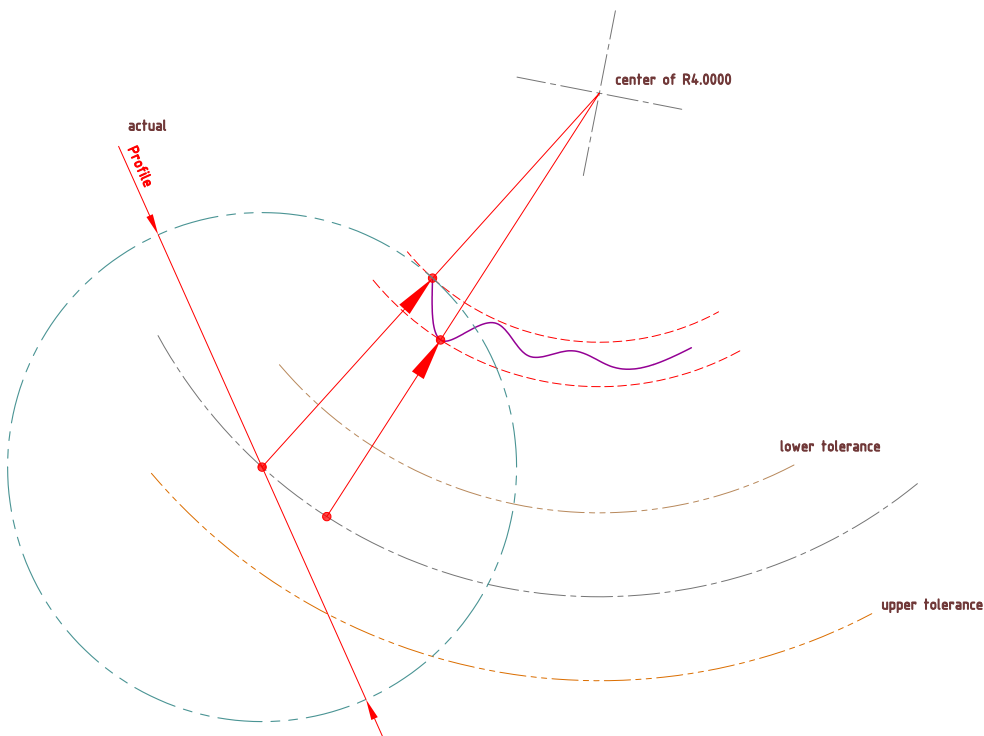
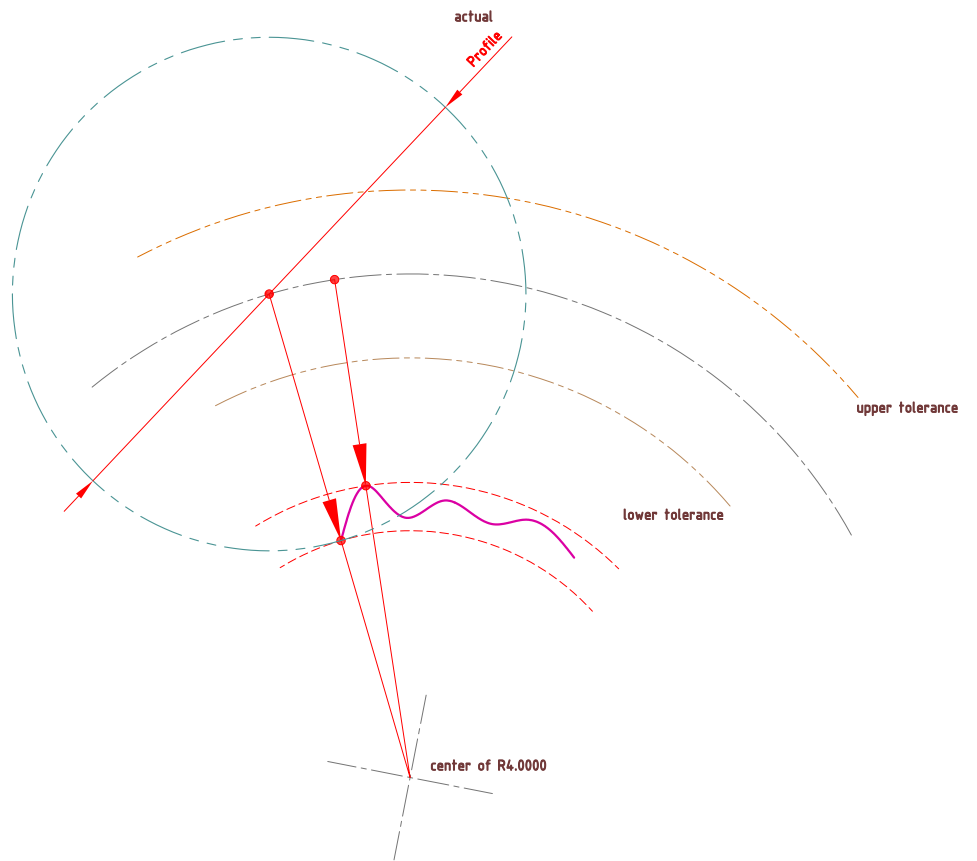
Pic. #5

Tolerance zones



Evaluation of Profile

Pic. #6



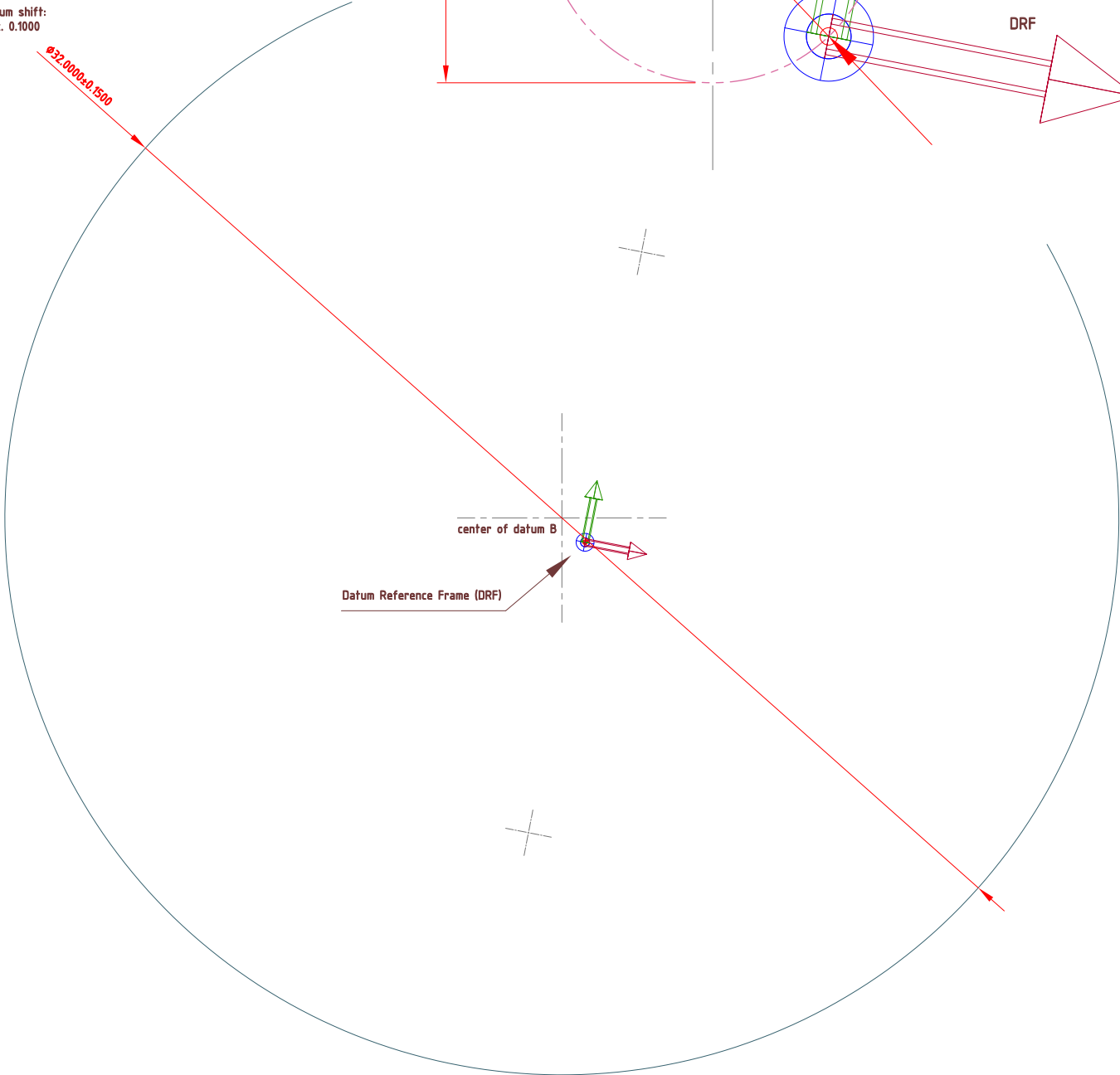
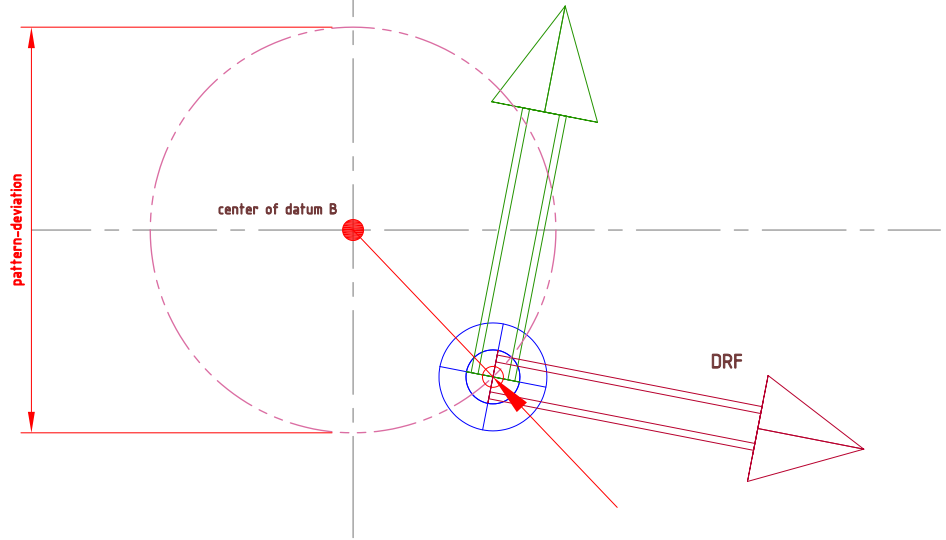
Datum Shift

Pic. #7

Actual diameter
of datum B:
32.0500
Datum shift:
max. 0.1000

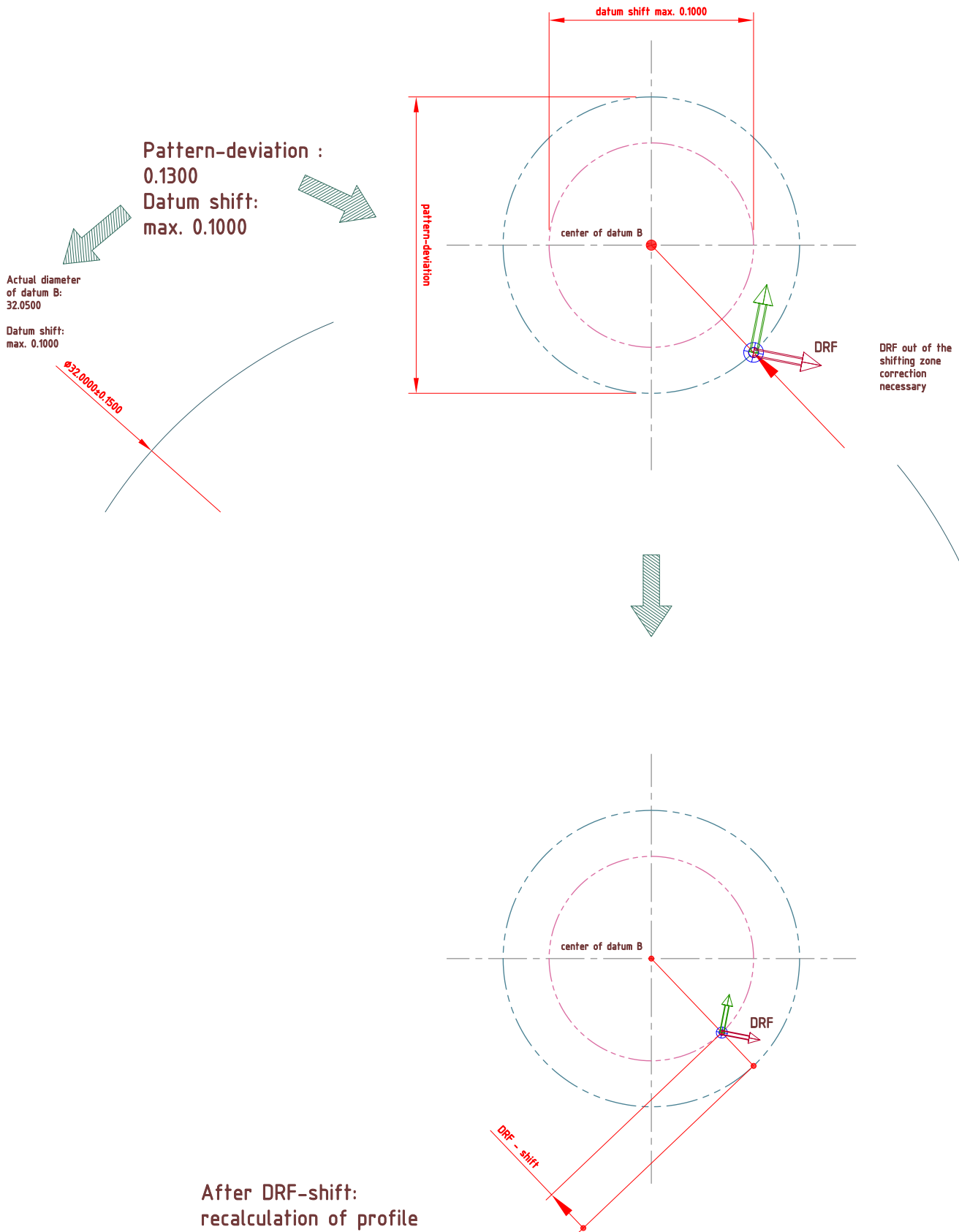
If pattern-deviation
≤ 0.1000 then:
datum shift=true
else:
datum shift=false

$\varnothing 32.0000 \pm 0.1500$



Datum Shift case #1

Pic. #8



Datum Shift case #2

Pic. #9

