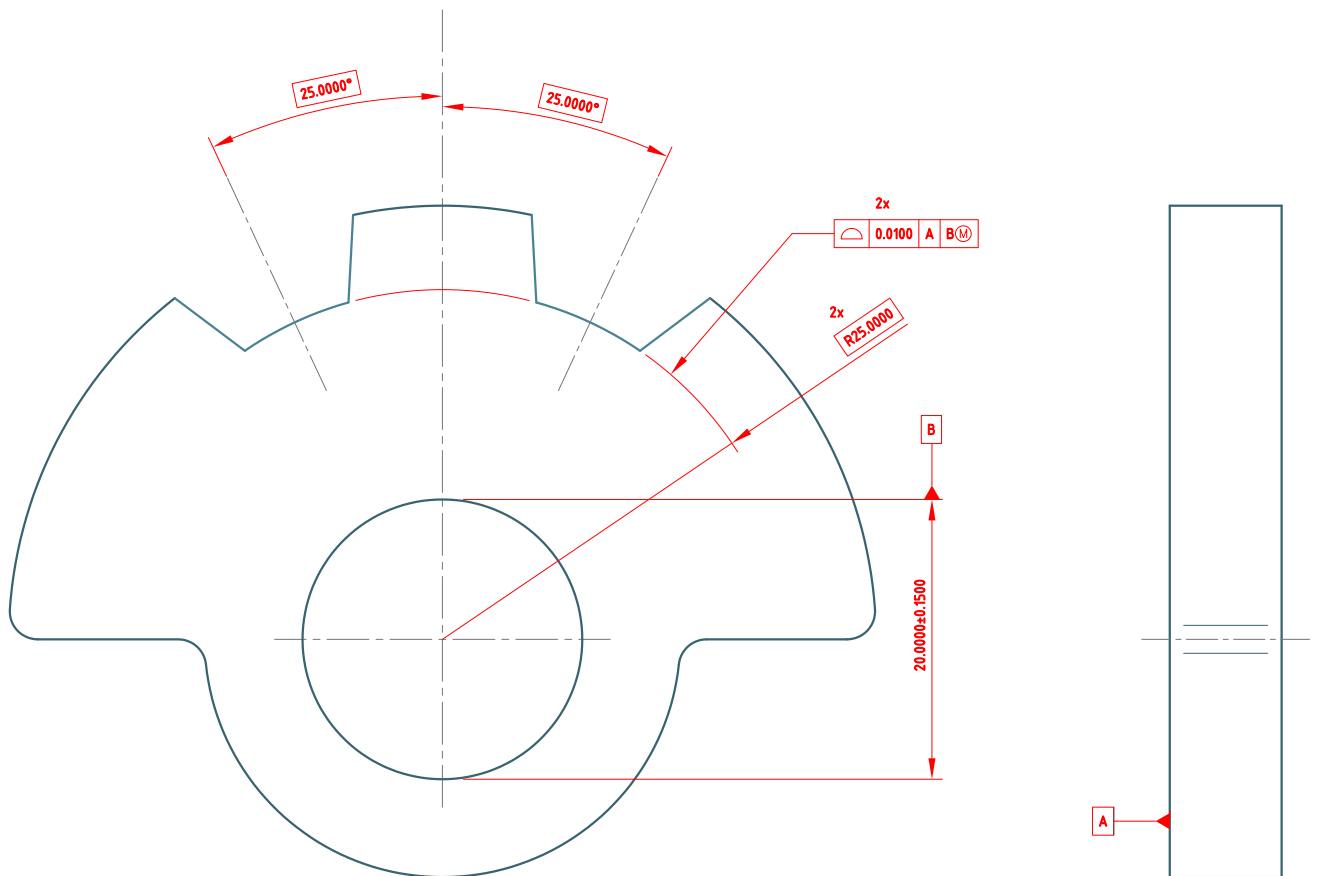
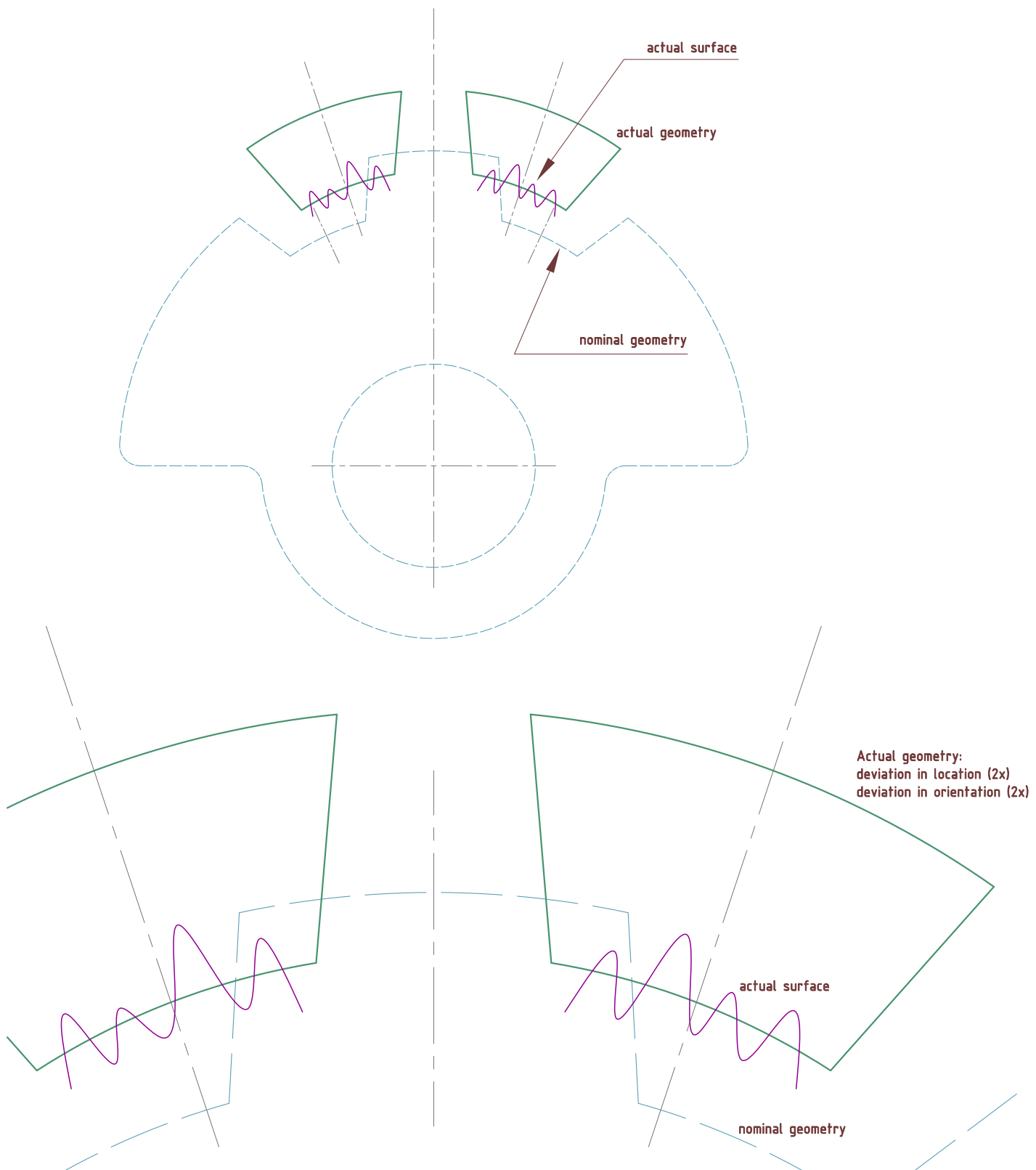


Simultaneous requirement



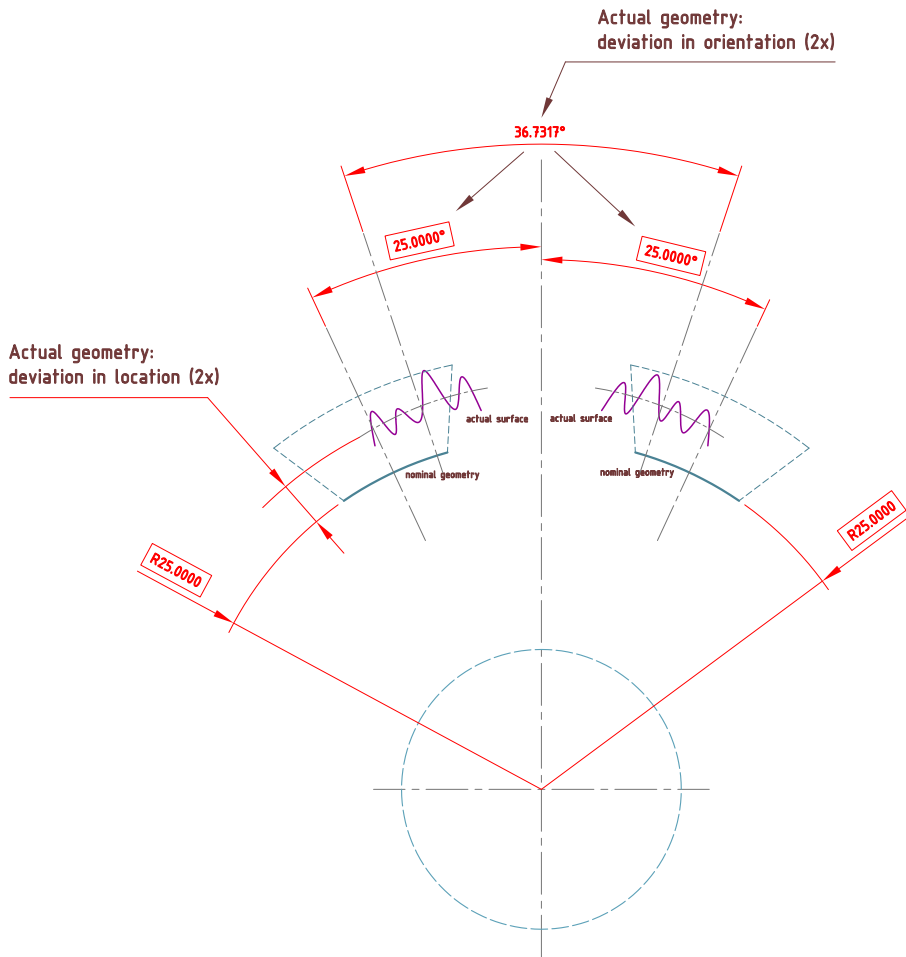
Actual geometry

Pic. #2



Actual geometry

Pic. #3



Point - distance

Nominal points and
actual points P ; P'

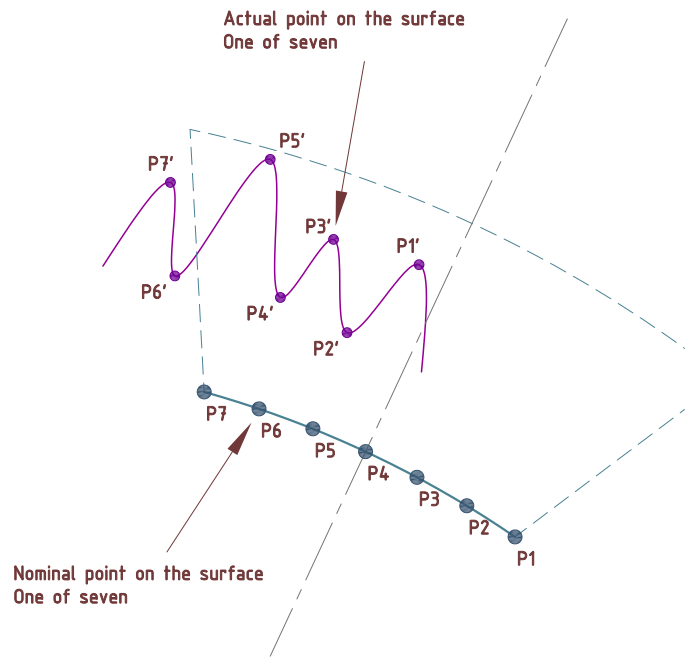
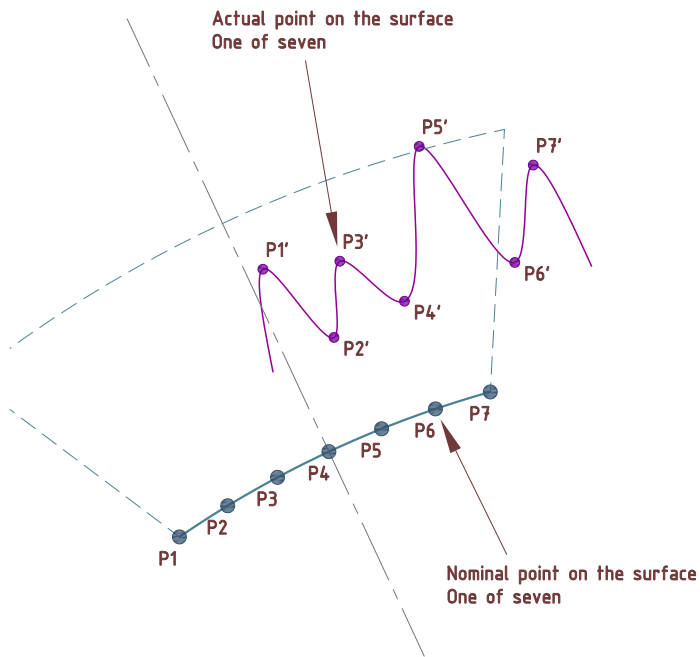
Seven nominal points
Seven actual points

Left side:

P1 assigned to P1'
P2 assigned to P2'
P3 assigned to P3'
P4 assigned to P4'
P5 assigned to P5'
P6 assigned to P6'
P7 assigned to P7'

Right side:

P1 assigned to P1'
P2 assigned to P2'
P3 assigned to P3'
P4 assigned to P4'
P5 assigned to P5'
P6 assigned to P6'
P7 assigned to P7'

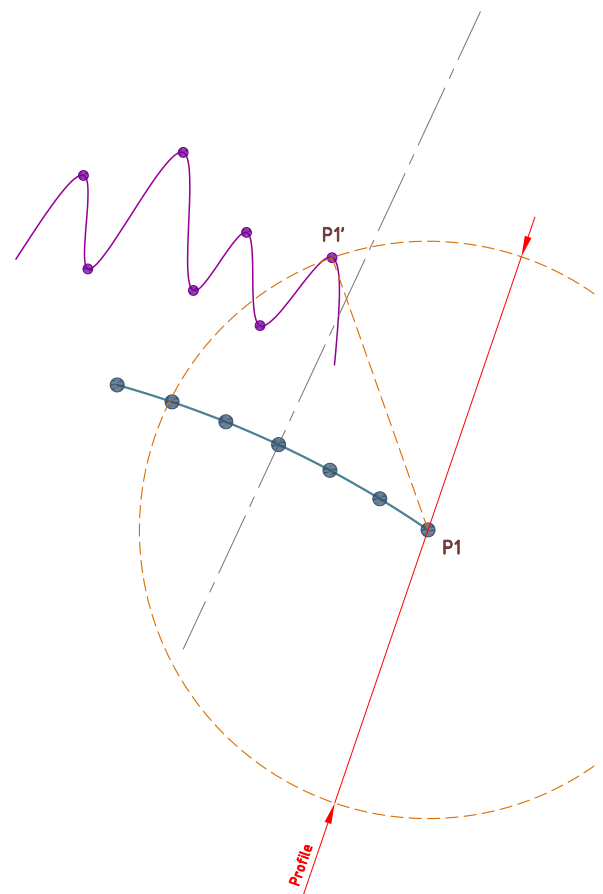
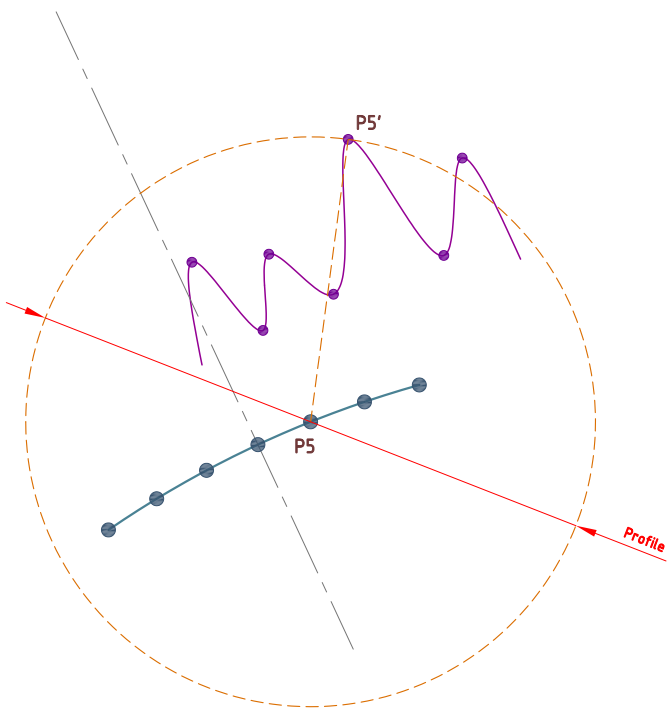


Point - distance

Pic. #5

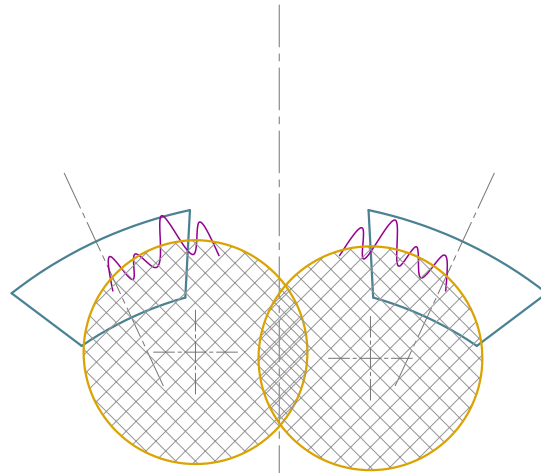
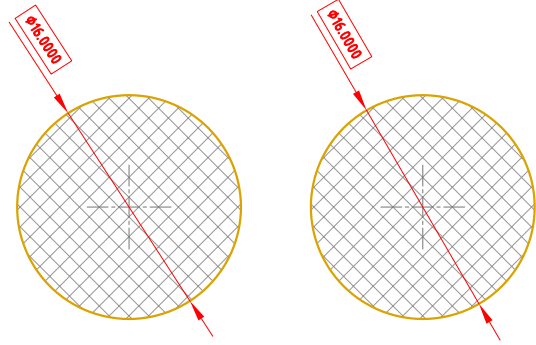
Looking for the largest deviation.

Use CALYPSO curve in order to achieve the "Point to Point" - calculation.

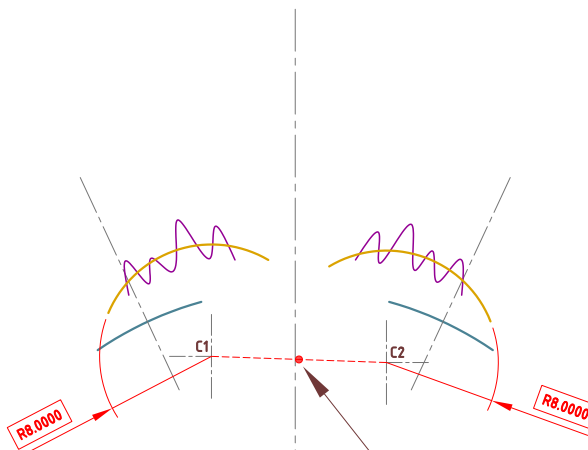


Planar alignment

Two theoretical circles with a significant smaller diameter. Least squares fitted into the actual surfaces.



Two theoretical circles with a significant smaller diameter. Least squares fitted into the actual surfaces.



The symmetry point of C1 and C2 as the point of planar alignment.

