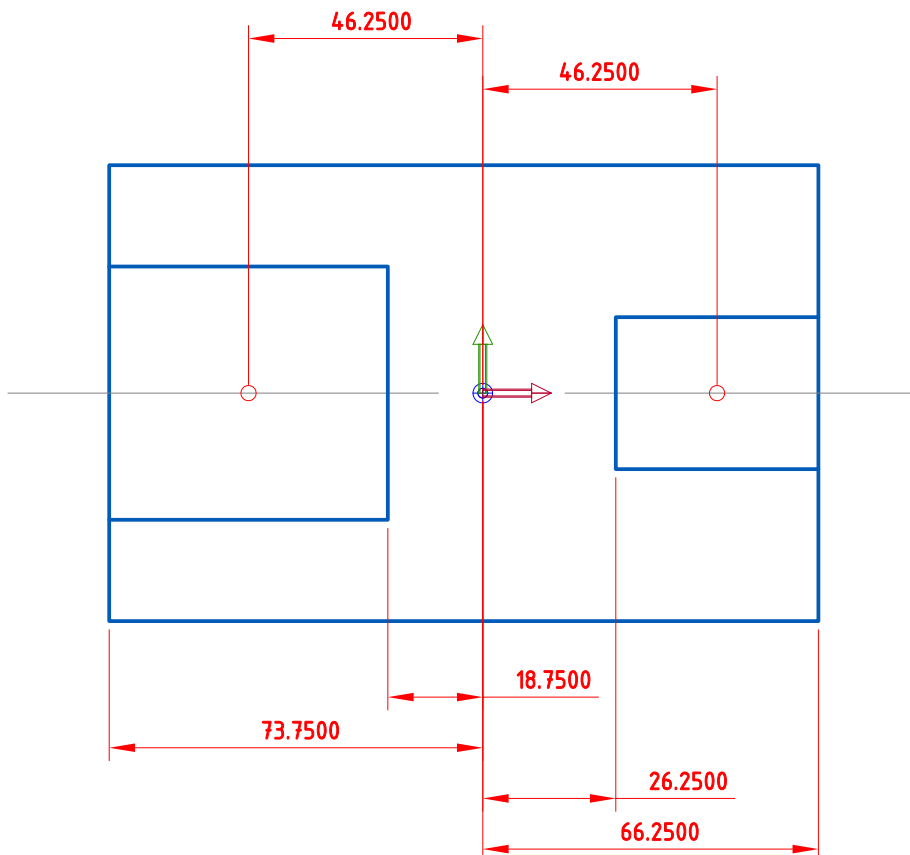
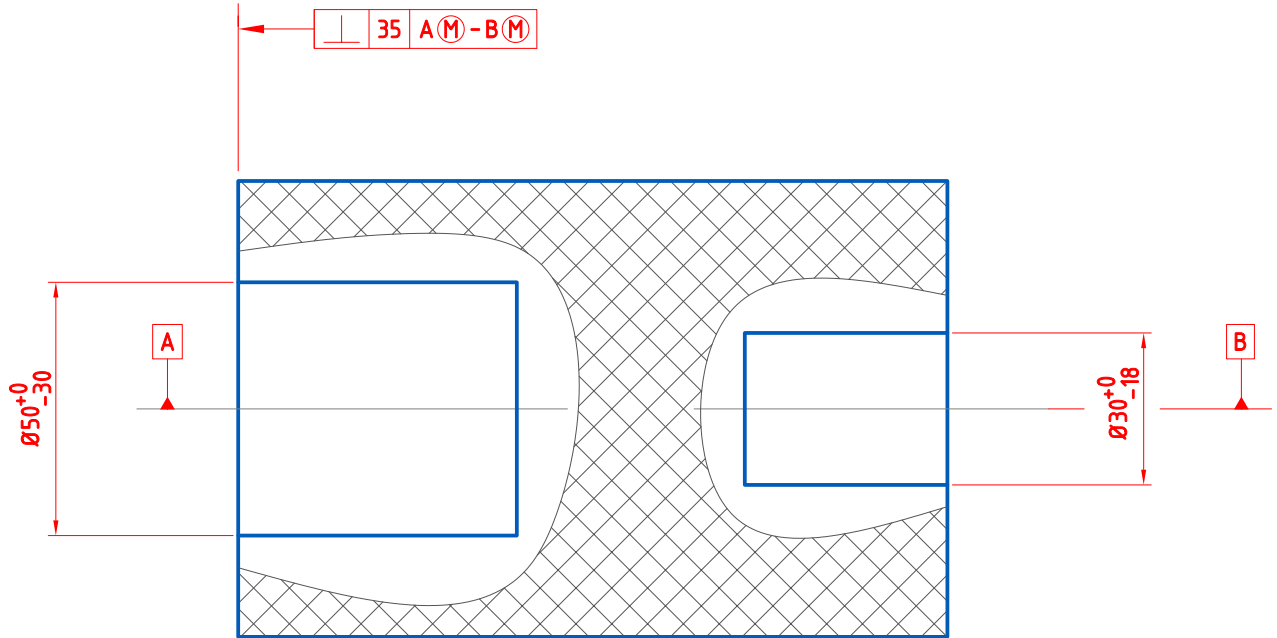


Perpendicularity to common axis A-B

Pic #1

Dimensioning

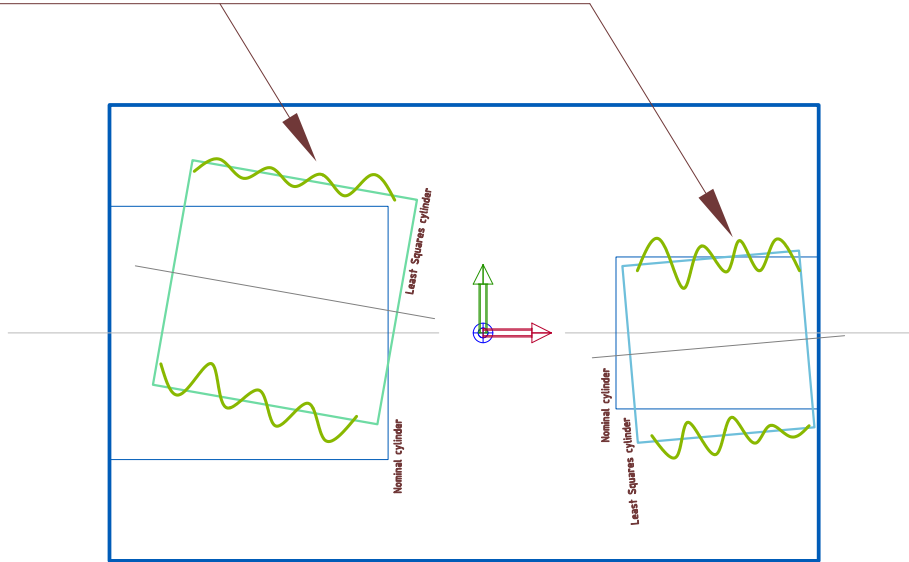


Perpendicularity to common axis A-B

Pic #2

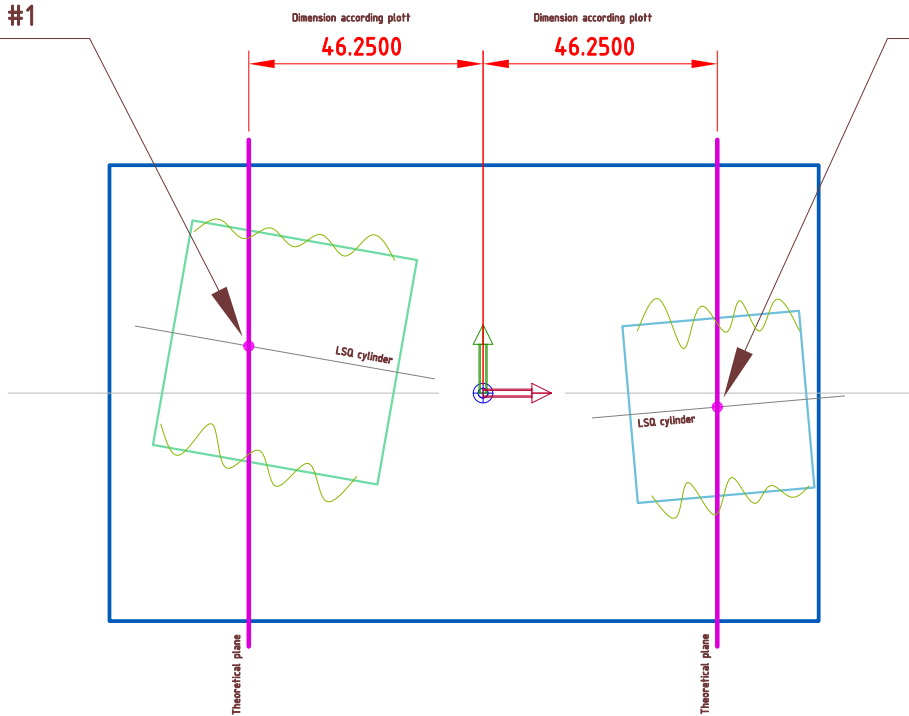
Actual surfaces and derived element

Actual surfaces



Intersection point #1

Intersection point #2



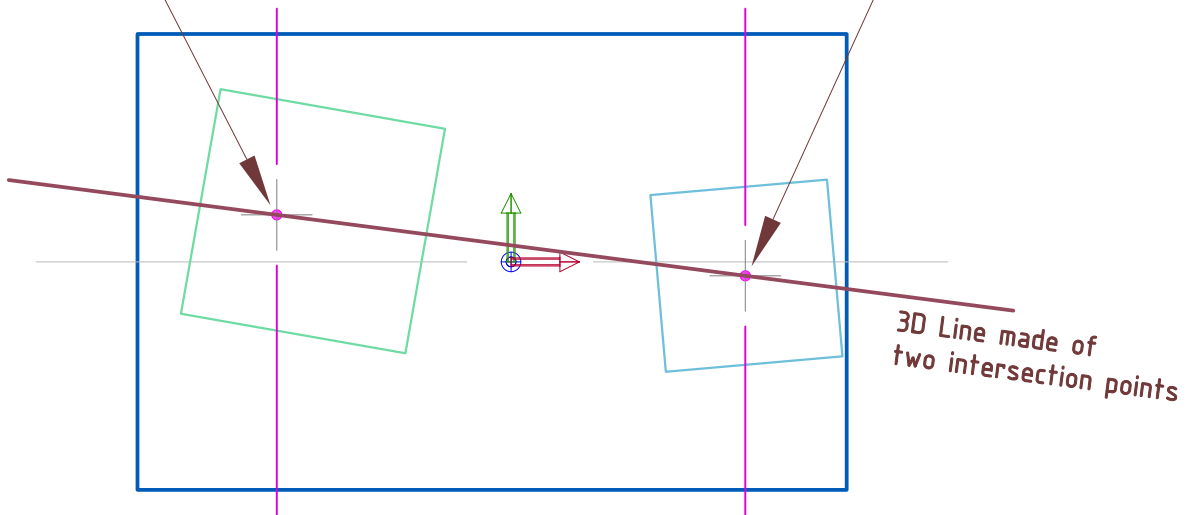
Perpendicularity to common axis A-B

Pic #3

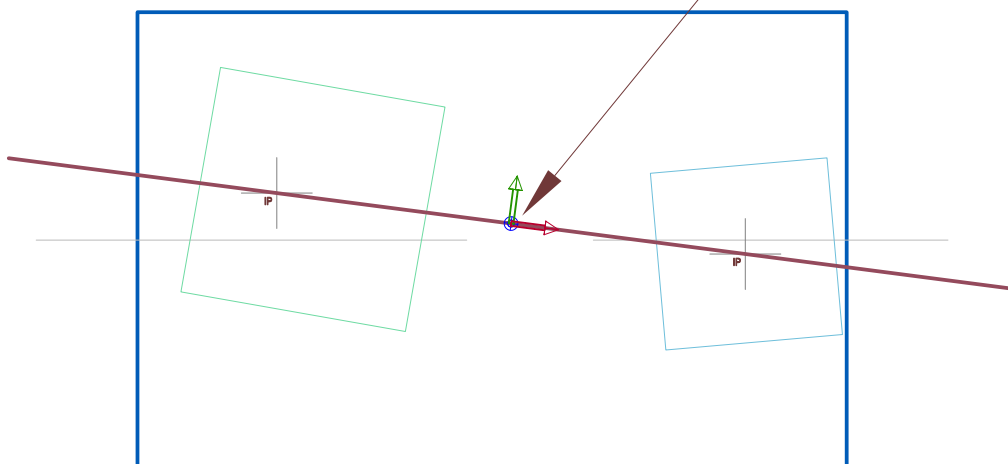
Intersection point and 3D Line

Intersection point #1

Intersection point #2



Symmetry point of two intersection points IP

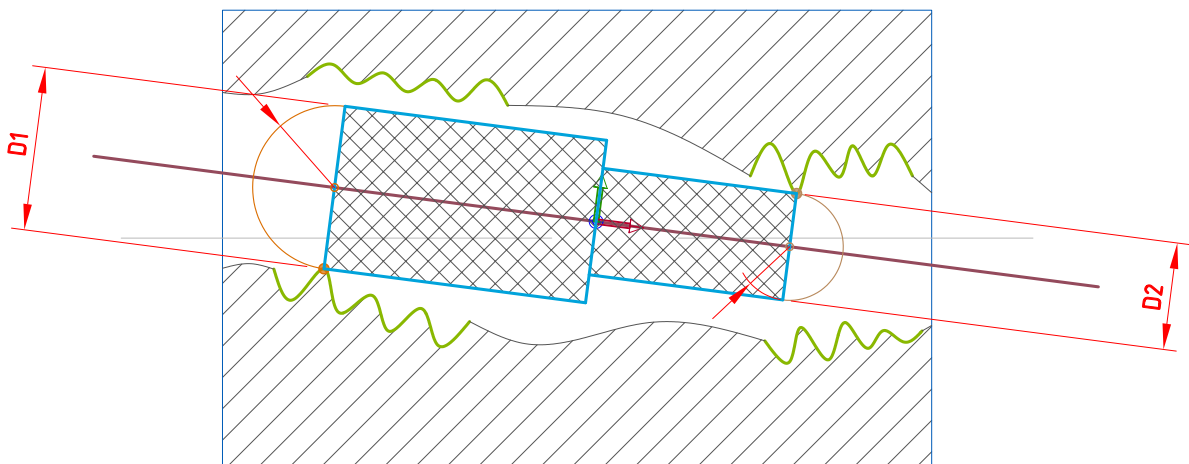
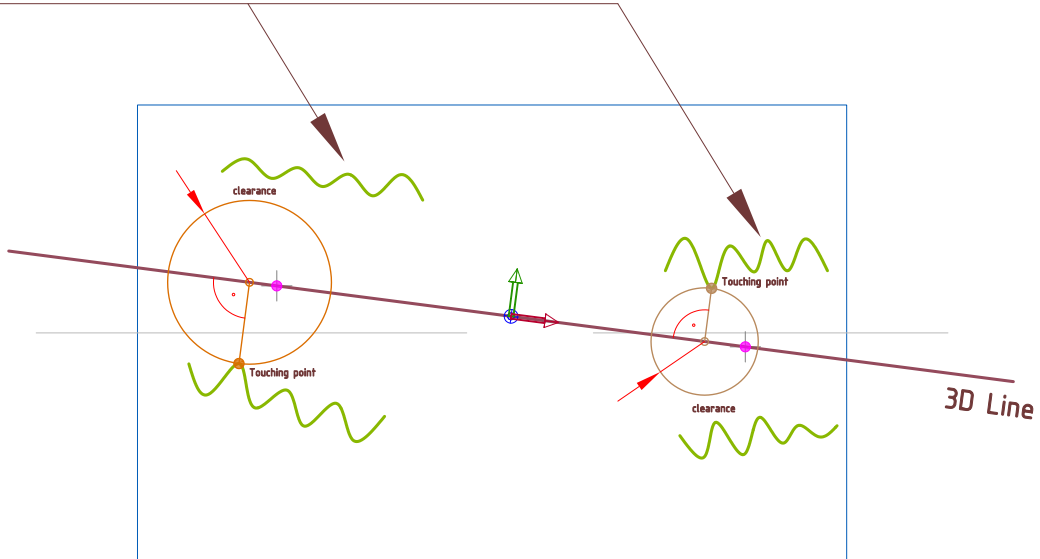


Perpendicularity to common axis A-B

Pic #4

Tangential cylinder constrained in location and direction

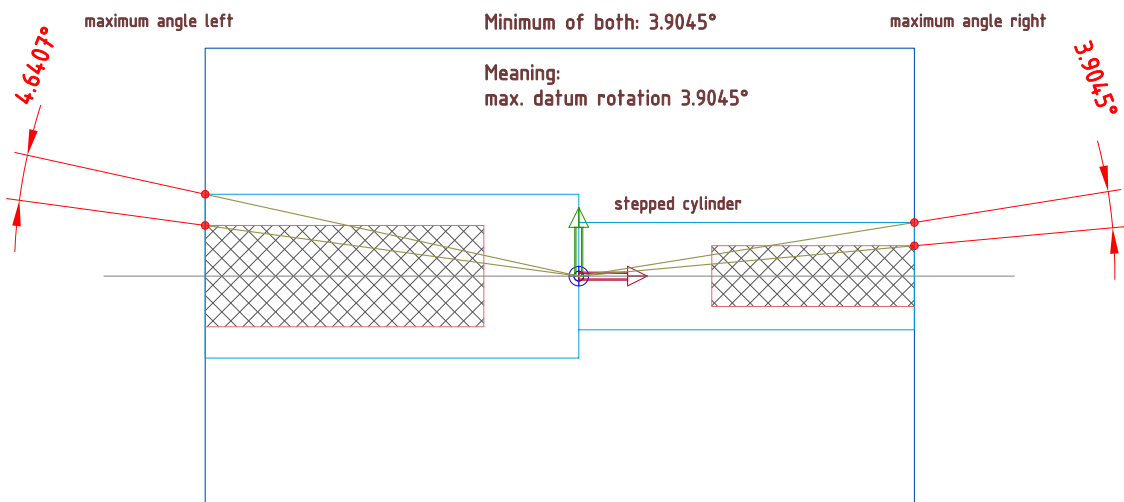
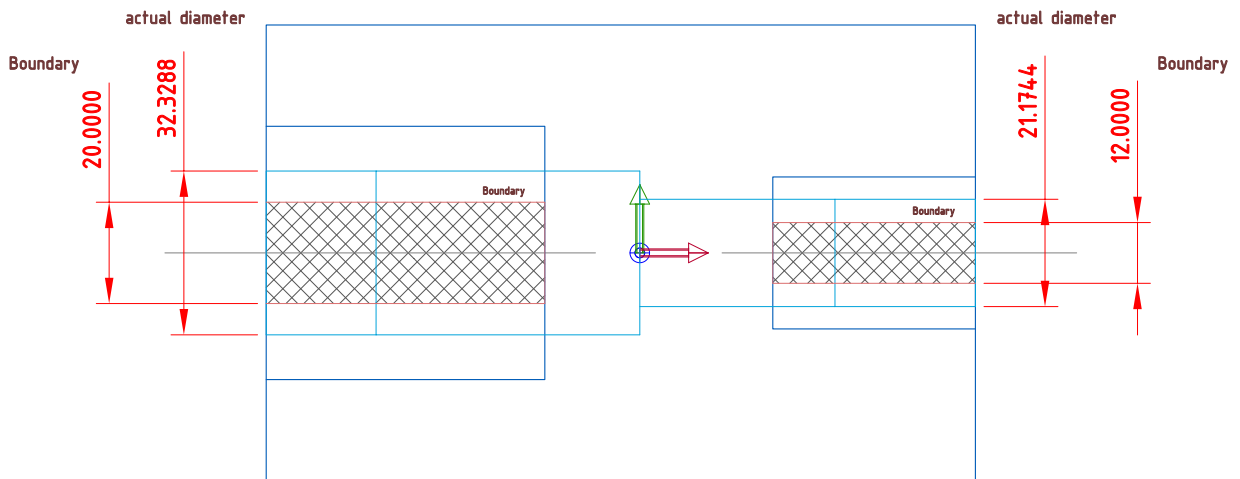
Actual surfaces of two cylinders



Perpendicularity to common axis A-B

Pic #5

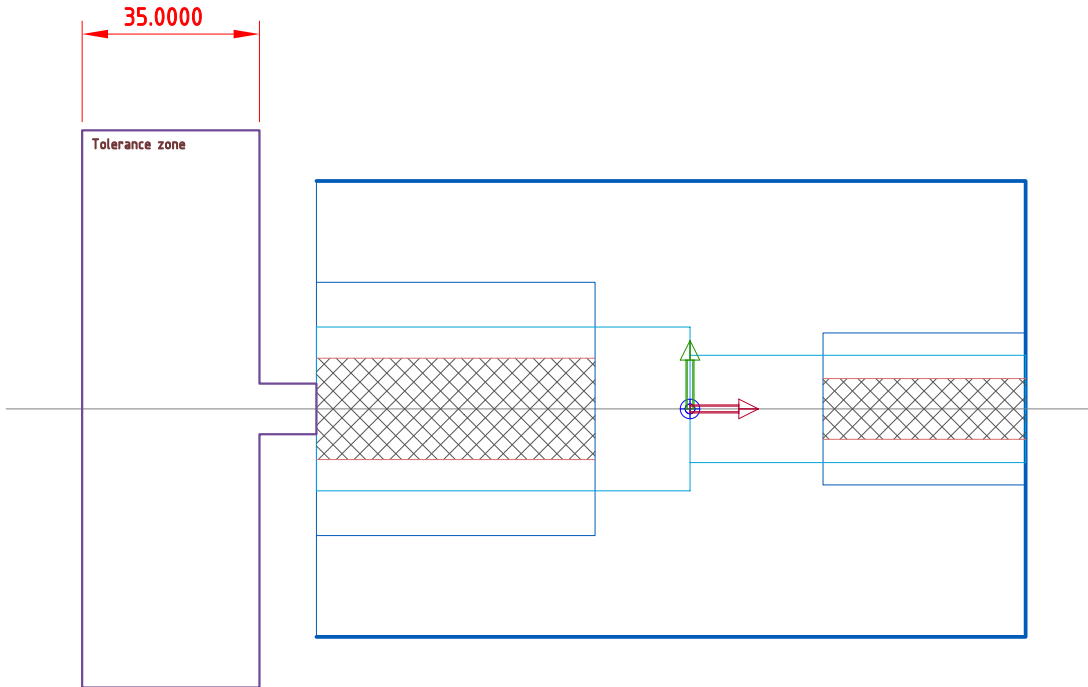
Clearance of actual diameter and boundary



Perpendicularity to common axis A-B

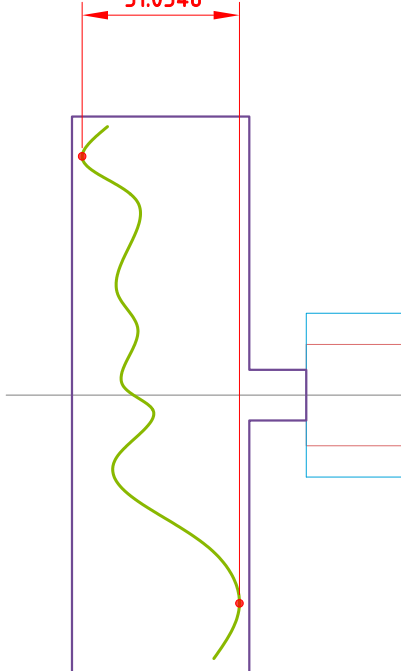
Pic #6

Tolerance zone of perpendicularity and tolerated feature



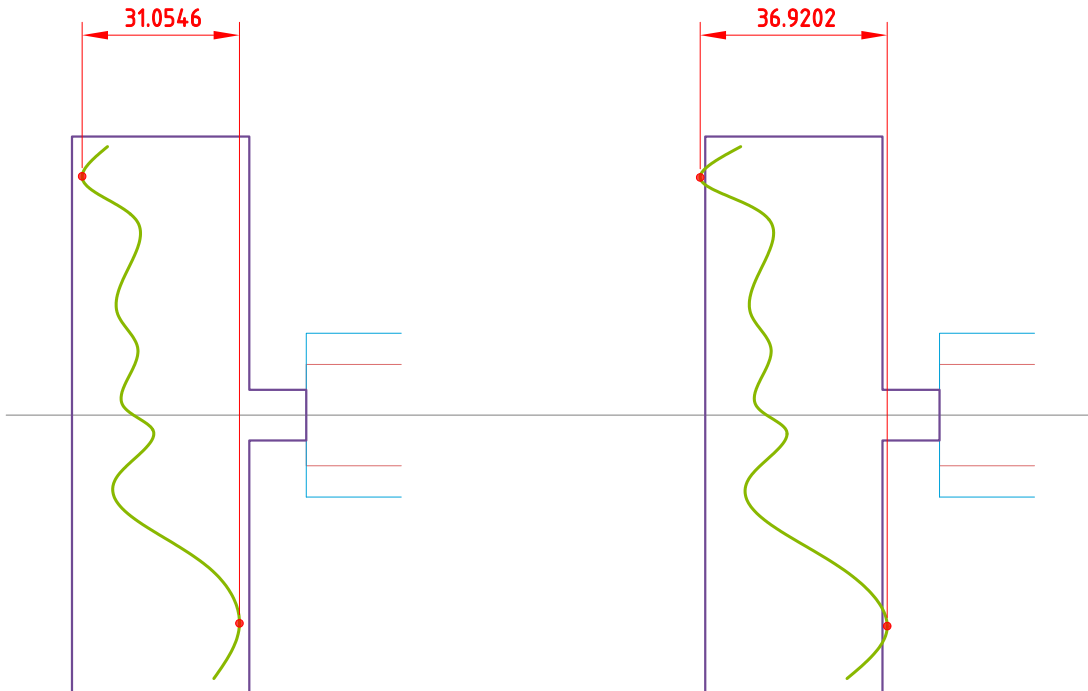
within tolerance

31.0546



out of tolerance

36.9202

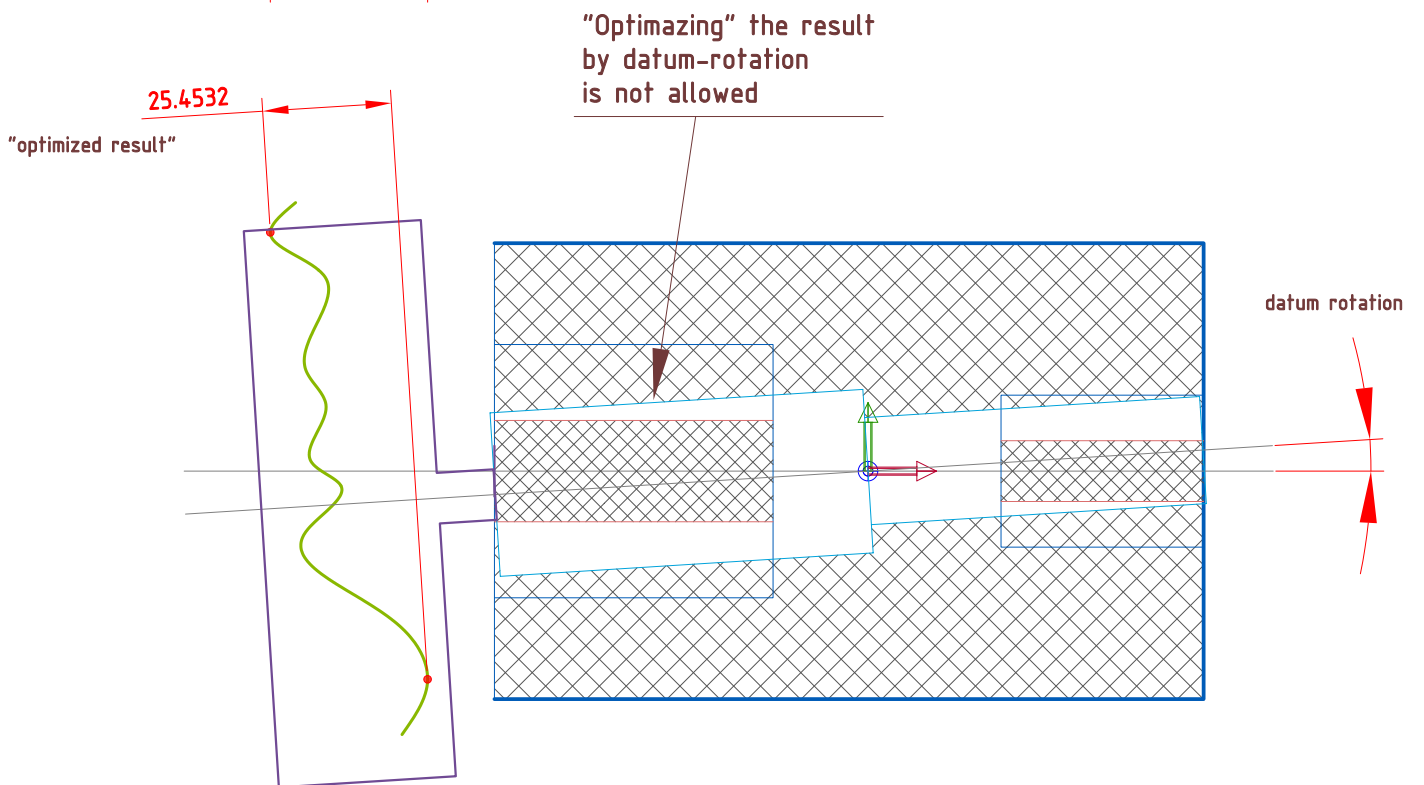
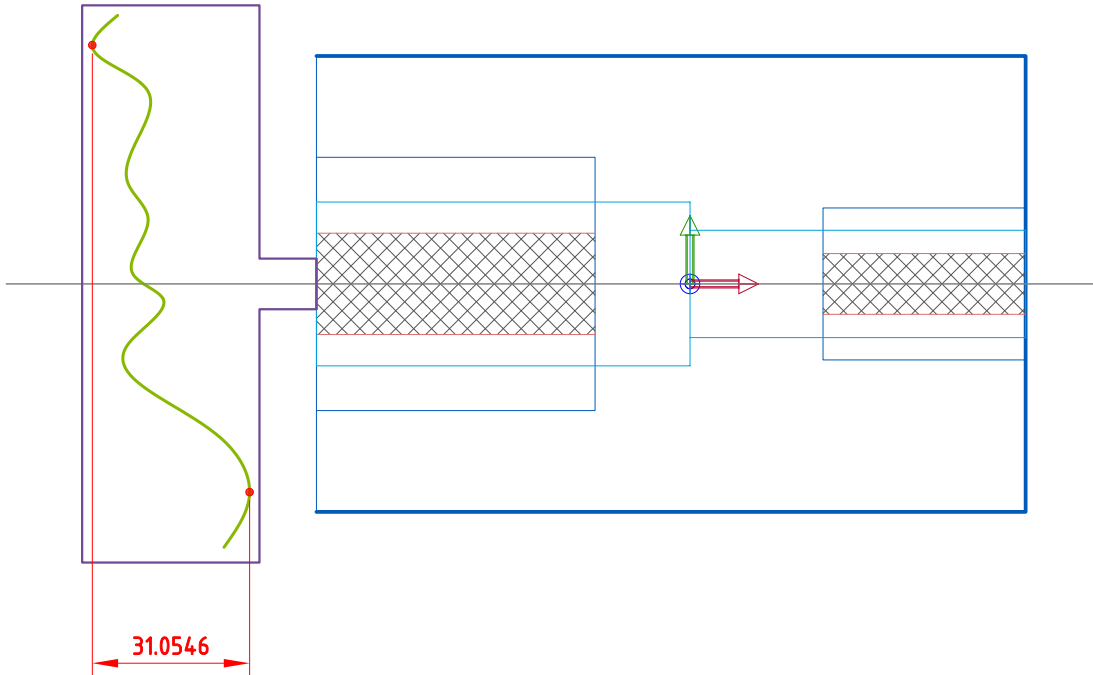


Perpendicularity to common axis A-B

Pic #7

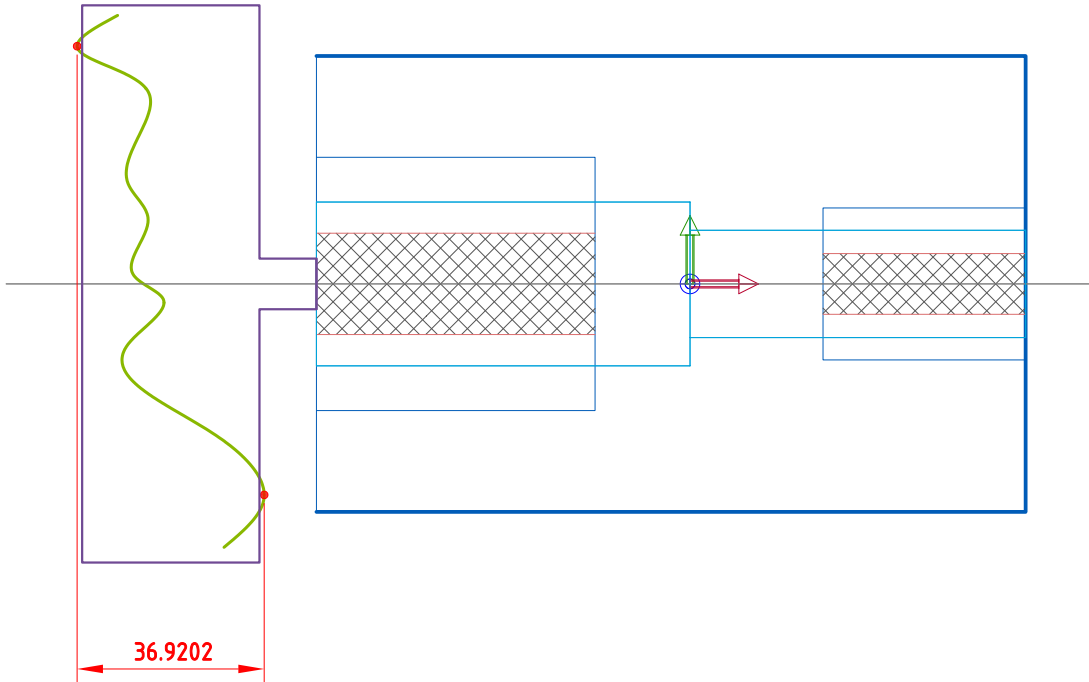
All points within tolerance

Within tolerance



Some points out of tolerance

Out of tolerance



"Optimizing" the result
by datum-rotation
as much as necessary

