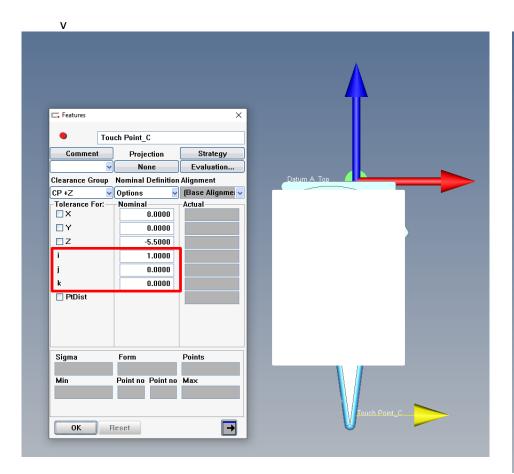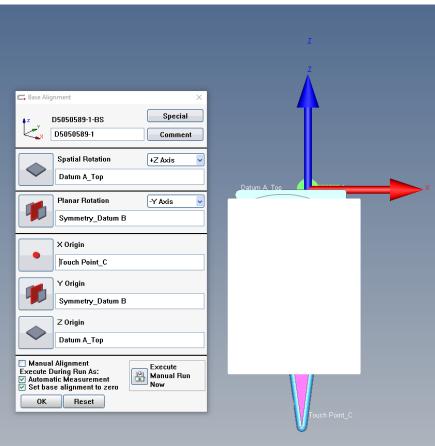Created Touch Point from Features menu.
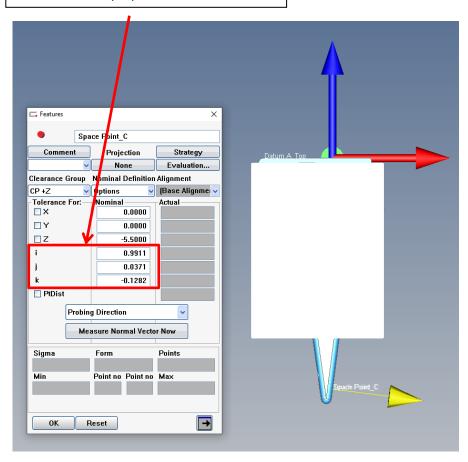Enter Nominal values and changed vector to X+ direction

V

Features   ✕

●   Touch Point_C

Comment   Projection   Strategy
                    None   Evaluation...

Clearance Group Nominal Definition Alignment
CP +Z   Options   [Base Alignmer ∨

Tolerance For: Nominal   Actual
☐ X   0.0000
☐ Y   0.0000
☐ Z   -5.5000
i   1.0000
j   0.0000
k   0.0000
☐ PtDist

Sigma   Form   Points

Min   Point no Point no Max

OK   Reset   →

Datum A_Top

Touch Point_C

Base Alignment   ✕

D5050589-1-BS   Special
D5050589-1   Comment

Spatial Rotation   +Z Axis   ∨
Datum A_Top

Planar Rotation   -Y Axis   ∨
Symmetry_Datum B

X Origin
Touch Point_C

Y Origin
Symmetry_Datum B

Z Origin
Datum A_Top

☐ Manual Alignment
Execute During Run As: Execute
☑ Automatic Measurement   Manual Run
☑ Set base alignment to zero   Now
OK   Reset

Z

Z

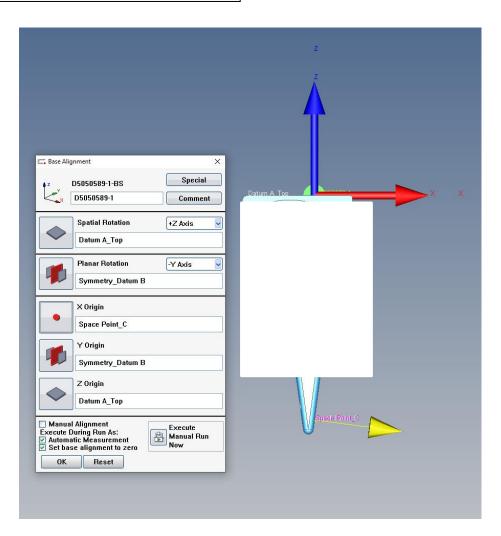Datum A_Top   X

Touch Point_C

Created Space Point in Create Geometry window of
CAD > Creating Features > Creation.
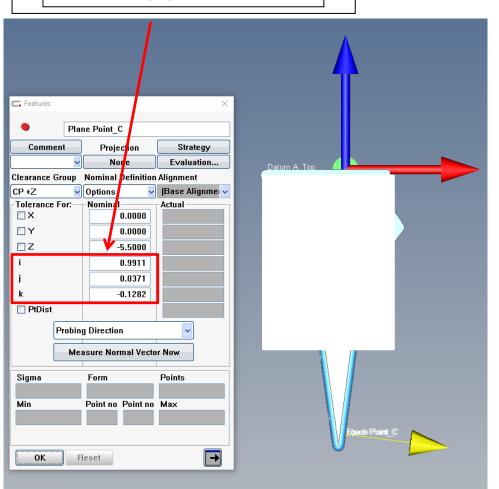Entered X0, Y0, Z-5.5 and selected Space Point

Note: Surface where Datum Target C is
located is not perpendicular to Datum B

Created Plane Point in Create Geometry window of CAD > Creating Features > Creation.
Entered X0, Y0, Z-5.5 and selected Plane Point

Note: Surface where Datum Target C is located is not perpendicular to Datum B

Note: X Origin shifts to location parallel with planar surface that plane point is located from.