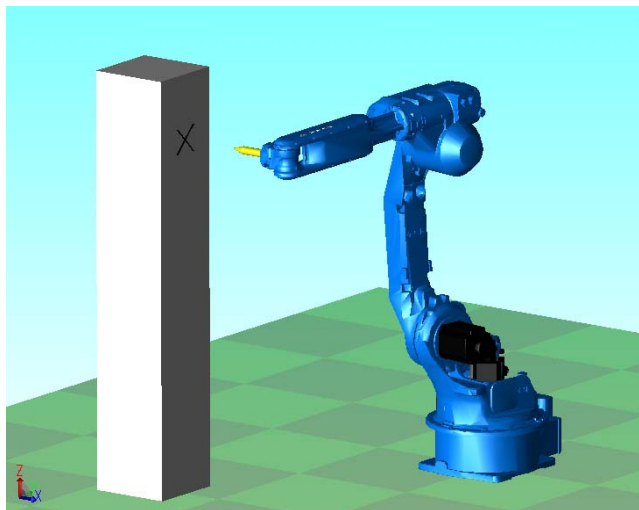## 6.2   Position Deviation Check Using the Check Program

Use the check program to check if positions are deviated in accordance with the following procedures.

1. Call up the check program in which the check point is taught (the job for) and operate the manipulator at low speed.

2. Check the tool tip position.

   – If the tool tip comes to the check point exactly as shown in the following figure, there is no deviation from the positions. Proceed to *chapter 6.4 "Setting the Second Home Position (Check Point)"* .

   – If not, there is a deviation. When the motor or encoder, etc. was replaced, move the replaced axis only, when the stored memory was cleared or the manipulator was hit against a workpiece, move all axes, to the check point by joint motion. Then, proceed to *chapter 6.3.3 "Home Position Data Correction"* .