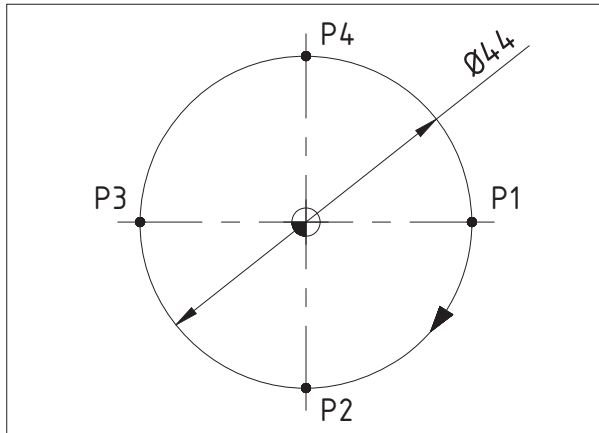


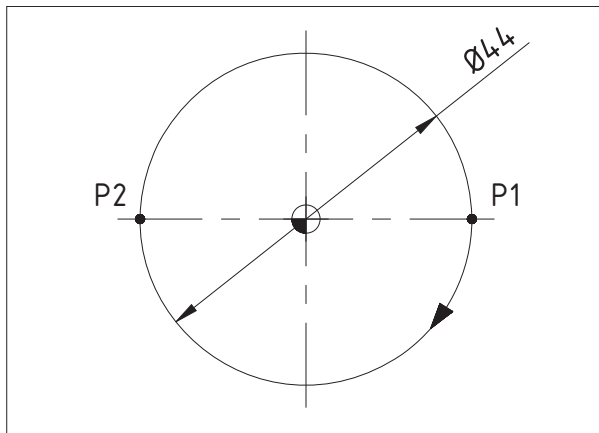
The purpose of this project is to develop a CNC program for a simple, full circle tool motion. For each of the three illustrations, develop a CNC program(-s) - follow individual instructions.



➡ 29-06-A

Start & end at the point *P1* and make a full circle toolpath between points *P1* - *P2* - *P3* - *P4* - *P1* (four blocks method):

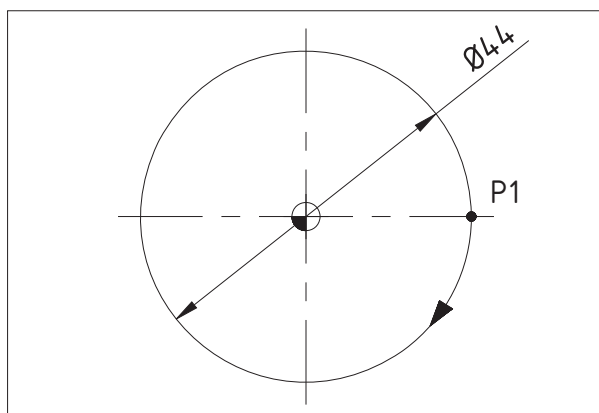
1. Using the *I* and *J* arc vectors - version 1
2. Using the *R* radius - version 2
3. Use Z-5.0 as the depth,
no cutter radius offset is necessary



➡ 29-06-B

Start & end at the point *P1* and make a full circle toolpath between points *P1* - *P2* - *P1* (two blocks method):

1. Using the *I* and *J* arc vectors - version 1
2. Using the *R* radius - version 2
3. Use Z-5.0 as the depth,
no cutter radius offset is necessary



➡ 29-06-C

Start & end at the point *P1* and make a full circle toolpath between points *P1* - *P1* (one block method):

1. Using the *I* and *J* arc vectors - version 1
2. Using the *R* radius - version 2
3. Use Z-5.0 as the depth,
no cutter radius offset is necessary