Options

Tailstock Center Cup Chuck

Just like the tailstock center pad except bigger and turned to match chuck mounted cup chuck.
Spindle Mounted Cup Chuck

Make wooden faceplate, turn as for chuck mounted cup chuck.
Eccentric Capable Spindle Mount Sphere Chuck

Mounted on lathe spindle.

With back plate for mounting eccentrically.

With back plate removed.

Mounted eccentrically using 2 jaws of 4-jawed chuck.
Sequence:
Cut 3" long PVC rod and mount in chuck.
Chamfer rim and true face.
Reverse, Chamfer rim and true face.
Drill 1.55" deep with 1-3/4" drill.
Reverse. Drill through with tap drill.
Tap for spindle. Turn recess for spindle flange.
Mount on lathe spindle. Mark rim for opening.
Turn slope between rim mark and bottom of 1-3/4" drill hole.
Cover slope with foam.
Cut rectangle PVC 1/2" x 1-5/8" x 3".
Mount with space between two jaws of 4-jawed chuck.
Turn tenon to match flange recess.
Drill and tap holes to mount on sphere chuck.