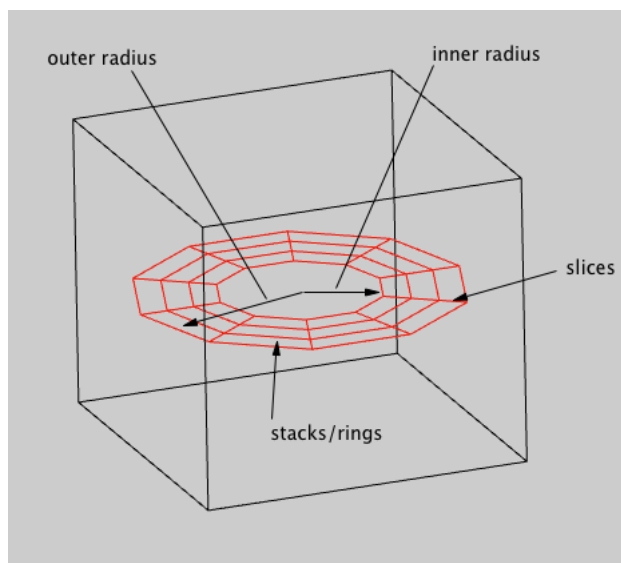


Chapter II-17 — 3D Graphics

Use translate and rotate operations to position the disk in other locations and orientations.

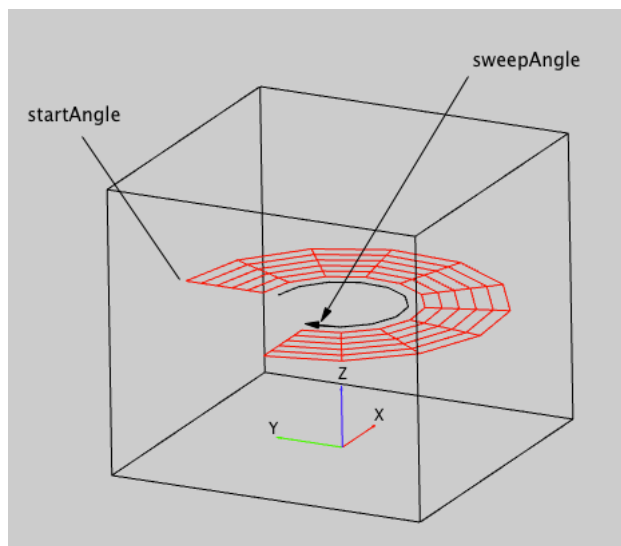
These commands generate a disk with innerRadius=0.5, outerRadius=1, slices=10, stacks=5, startAngle=0, sweepAngle=360 and set its drawing style to lines:

```
AppendToGizmo/D disk={0.5,1,10,5,0,360}  
ModifyGizmo modifyObject=disk0, objectType=Disk,  
    property={useGlobalAttributes,0}  
ModifyGizmo modifyObject=disk0, objectType=Disk, property={drawStyle,100011}
```



This command changes the disk to a partial disk with sweepAngle set to 270 instead of 360. SweepAngle is specified in degrees clockwise from startAngle:

```
ModifyGizmo modifyObject=disk0, objectType=Disk, property={sweepAngle,270}
```



String Objects

You can use standard Igor annotations in Gizmo as you do in graphs.

Annotations are 2D text graphics that lie flat in a plane in front of all 3D graphics. They are well suited for general labeling purposes. To create an annotation choose Gizmo→Add Annotation and choose TextBox