**First:**

$fn=100;

cylinder(h=30,d=20, center);

difference() {

cylinder(d=80, h=140);

translate([0,0,5]) cylinder(d=75,h=150);}

**Second:**

$fn=100;

cylinder(h=30,d=20, center);

difference() {

cylinder(d=80, h=140);

translate([0,0,5]) cylinder(d=75,h=150);//}

//Eight-sided star

union(){

cube([80,80,80], center=true);

rotate([45,0,45]) cube([80,80,80], center=true); }