```
module example001()
{
    function r_from_dia(d) = d / 2;

    module rotcy(rot, r, h) {
        rotate(90, rot)
            cylinder(r = r, h = h, center = true);
    }

    difference() {
        sphere(r = r_from_dia(size));
        rotcy([0, 0, 0], cy_r, cy_h);
        rotcy([1, 0, 0], cy_r, cy_h);
        rotcy([0, 1, 0], cy_r, cy_h);
    }

    size = 50;
    hole = 25;

    cy_r = r_from_dia(hole);
    cy_h = r_from_dia(size * 2.5);
}

example001();
```

root_chain: vector of polyset, matrices, types and labels

CsgTerm DIFF

root_raw_term

CsgTerm DIFF — CsgTerm P "n13"

CsgTerm DIFF — CsgTerm P "n10"

CsgTerm DIFF

CsgTerm P "n4" — CsgTerm P "n7"

render_csg_term()

render_cgal_nef_polyhedron()

AbstractNode "" — root_node

AbstractNode example001

CsgNode difference

PrimitiveNode sphere — AbstractNode rotcy — AbstractNode rotcy — AbstractNode rotcy

TransformNode rotate — TransformNode rotate — TransformNode rotate

PrimitiveNode cylinder — PrimitiveNode cylinder — PrimitiveNode cylinder

parse()

evaluate()

Module main — root_module

Module example001 — ModuleInstantiation example001

Function r_from_dia — Module rotcy — ModuleInstantiation difference

sphere — rotate — rotate — rotate

cylinder — cylinder — cylinder