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Continue using:

- ✓ pure boolean operations (union/difference/intersection)
- ✓ linear_extrude, rotate_extrude
- ✓ primitives (cube, sphere, cylinder)

Summary of what the FreeCAD importer can extend

High-value automatic recognitions:

1. minkowski with sphere → 3D BREP offset (already done)
2. minkowski inside linear_extrude → 2D offset then extrude
3. hull(sphere, sphere) → capsule
4. hull(cube, cube) → loft of rectangles
5. hull(cube, sphere) → loft + fillet
6. minkowski(shape, cylinder) → chamfer/offset along axis

If you want, I can now:

- ✓ Produce BSOL-BRep: a drop-in fully BREP-friendly reimplementations of BSOL/BSOL2

OR

- ✓ Write a detection table for the FreeCAD importer for all the above cases

OR

- ✓ Modify your existing FreeCAD importer code with these new recognition rules

OR

- ✓ Provide updated replacements for shapes3d.scad , base.scad , etc.

