

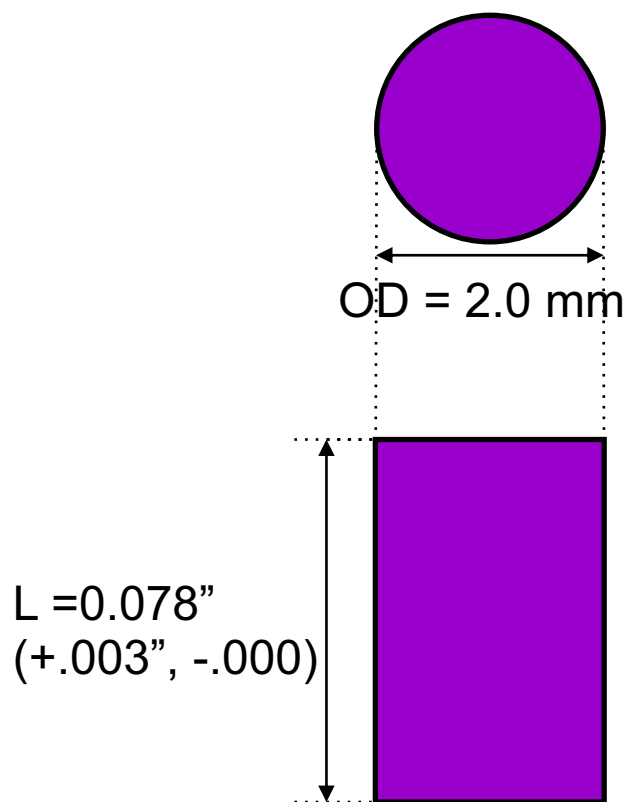
Scale 10:1

Legend for the schematic diagram:

- ZrO_2
- MgO
- Al_2O_3
- Mo
- Graphite
- Mullite
- Sample
- Thermocouple



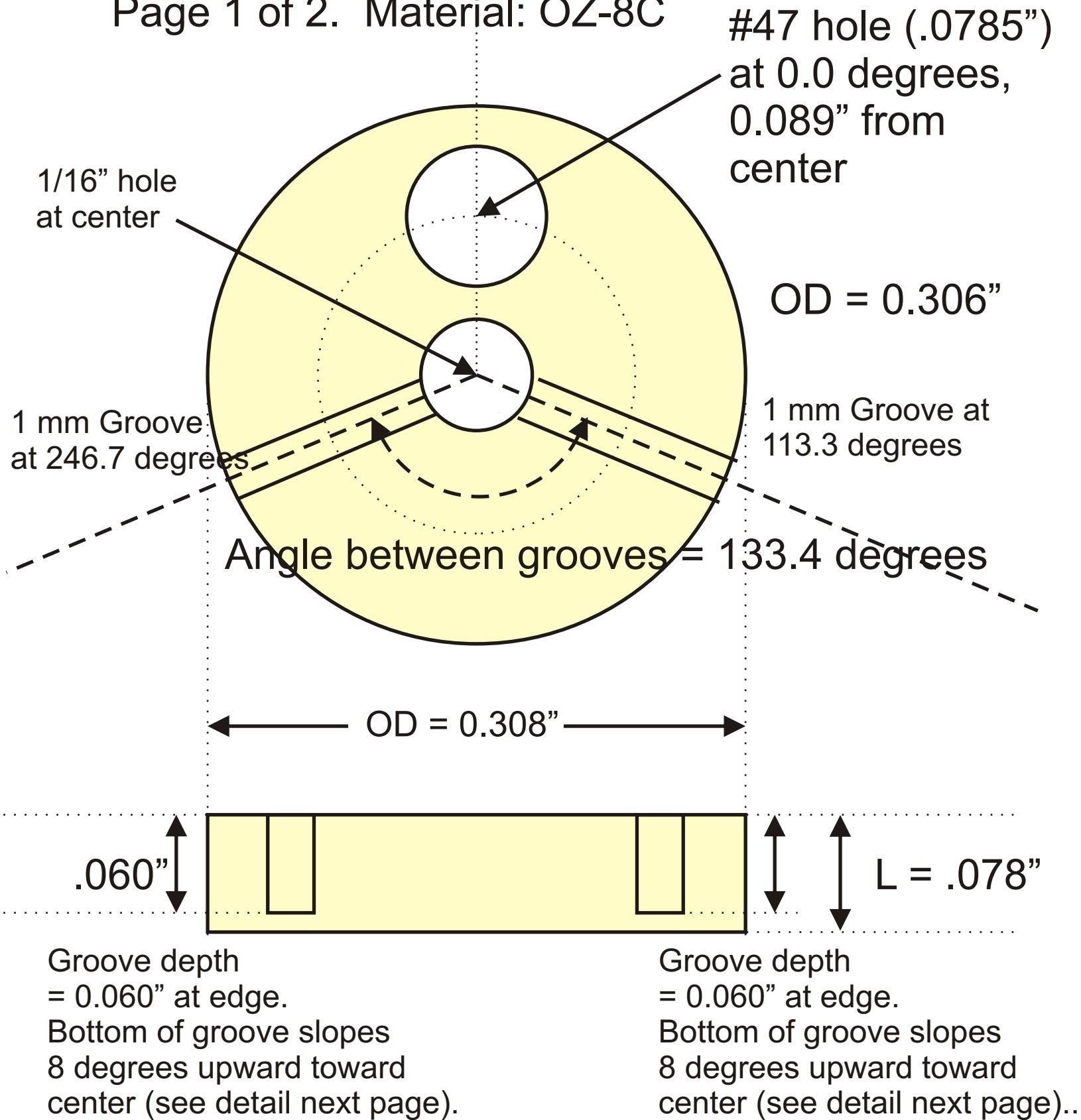
Part Mo-7: Molybdenum electrode for 18/12 assembly



ASU zirconia part Z-61
(Top end sleeve 18/12.)

Scale: 14:1

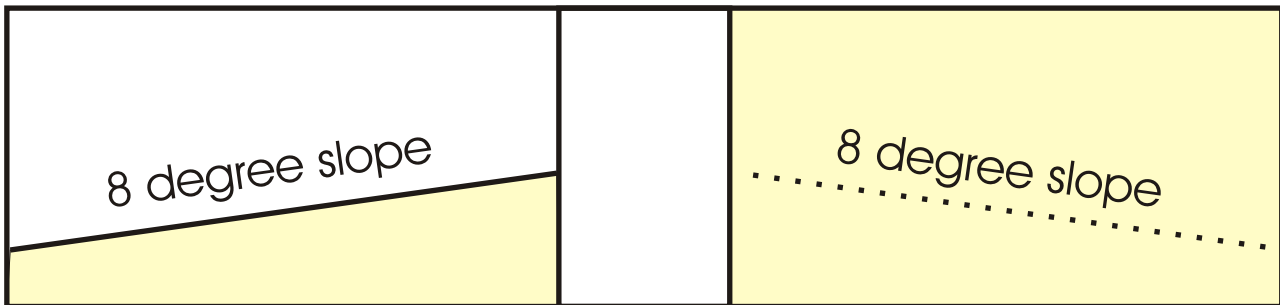
Page 1 of 2. Material: OZ-8C



COLOR: YELLOW

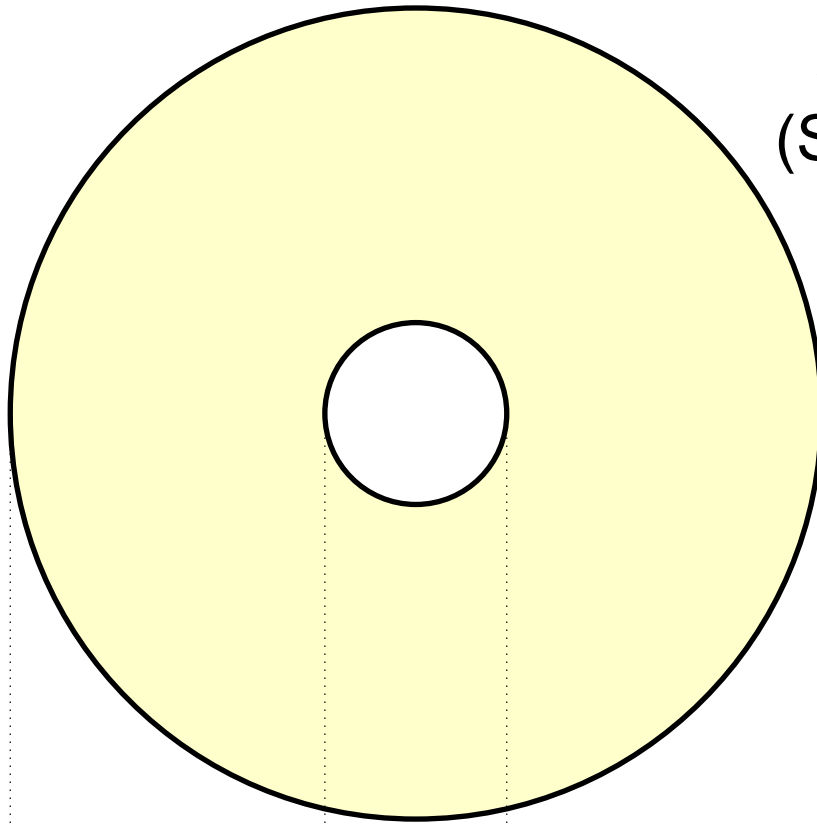
ASU zirconia part Z-61
Top end sleeve for 18/12.
Page 2 of 2.

Detail of angled grooves:



ASU zirconia part Z-30.
Bottom end sleeve for 18/12 assembly
Scale 14:1
Material: OZ-8C

See also part Z-6
(Slightly larger hole)



↔
ID = #48 (0.076")

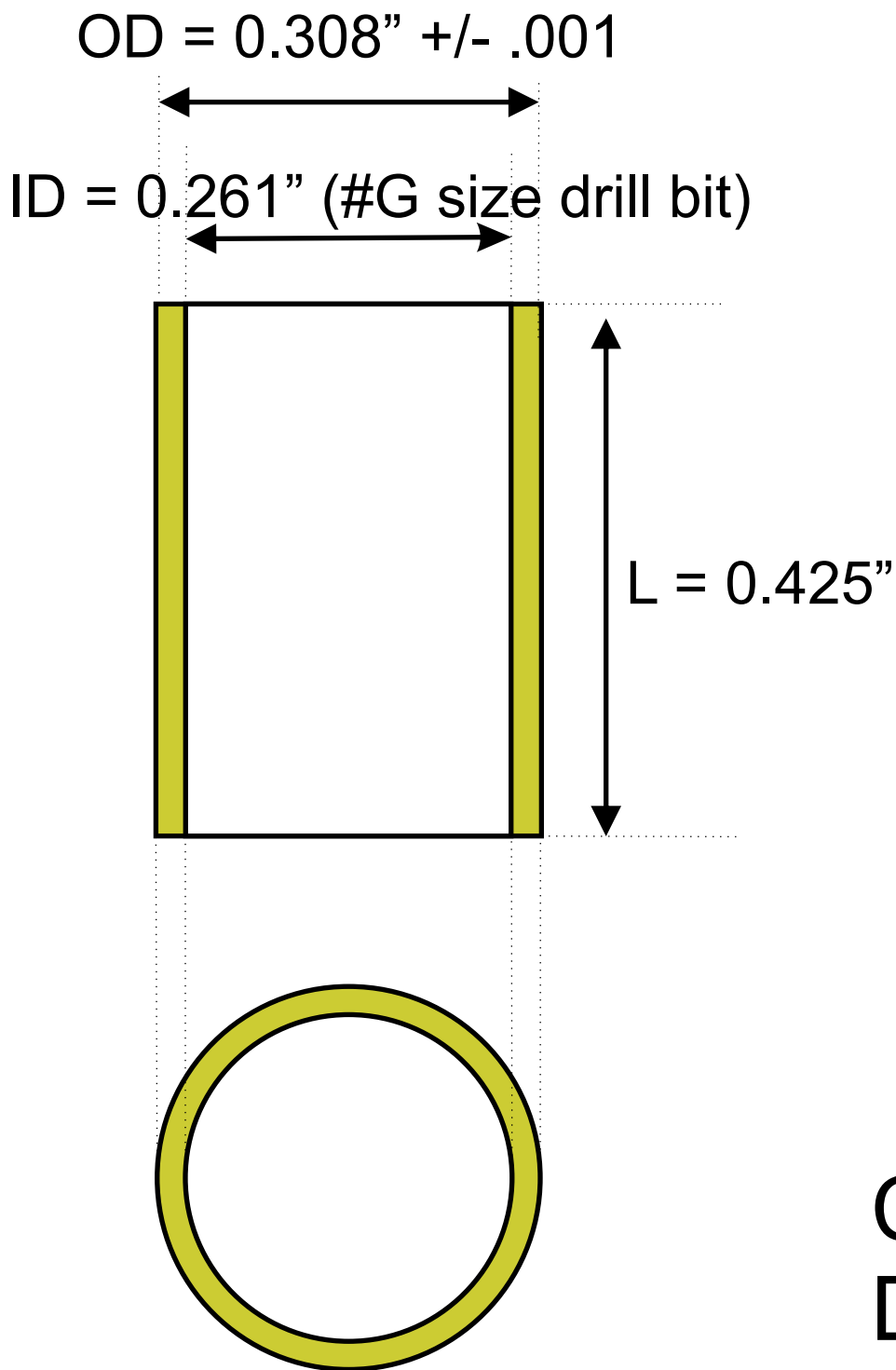
↔
OD = 0.308" +/- .001



L = .078"

COLOR is LIGHT YELLOW

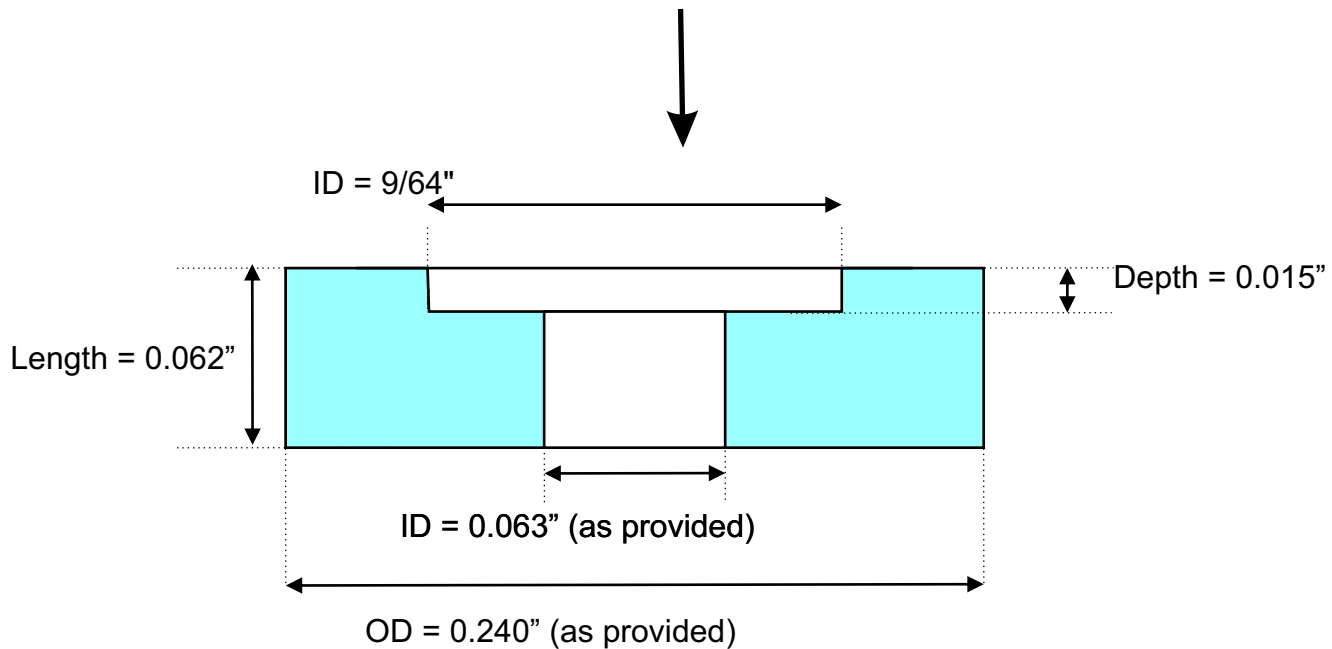
ASU zirconia part Z-31.
Middle sleeve for 18/12 assembly
Material: Zirconia OZ-8C-HD



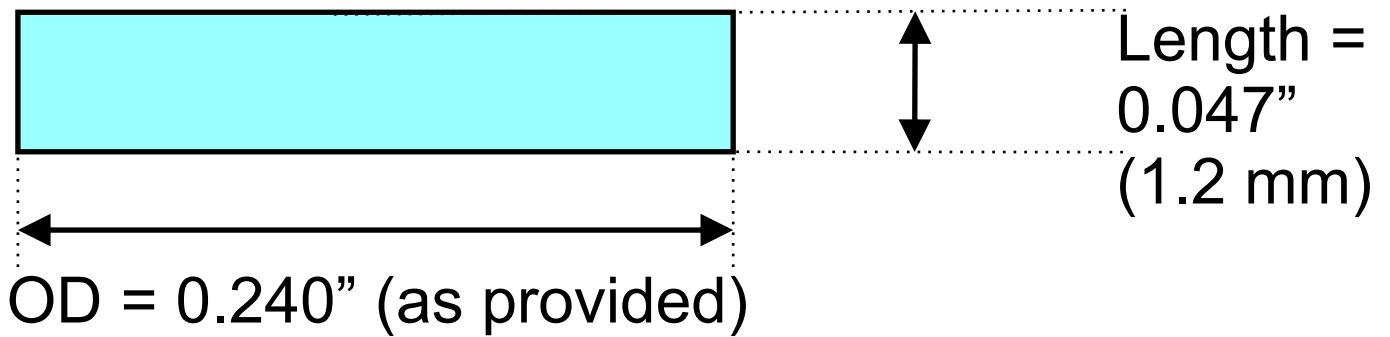
COLOR is
DARKER
YELLOW

MgO Part M-76: tc cover for 18/12 assembly with newly standardized recess.

The recess is for part A-10.



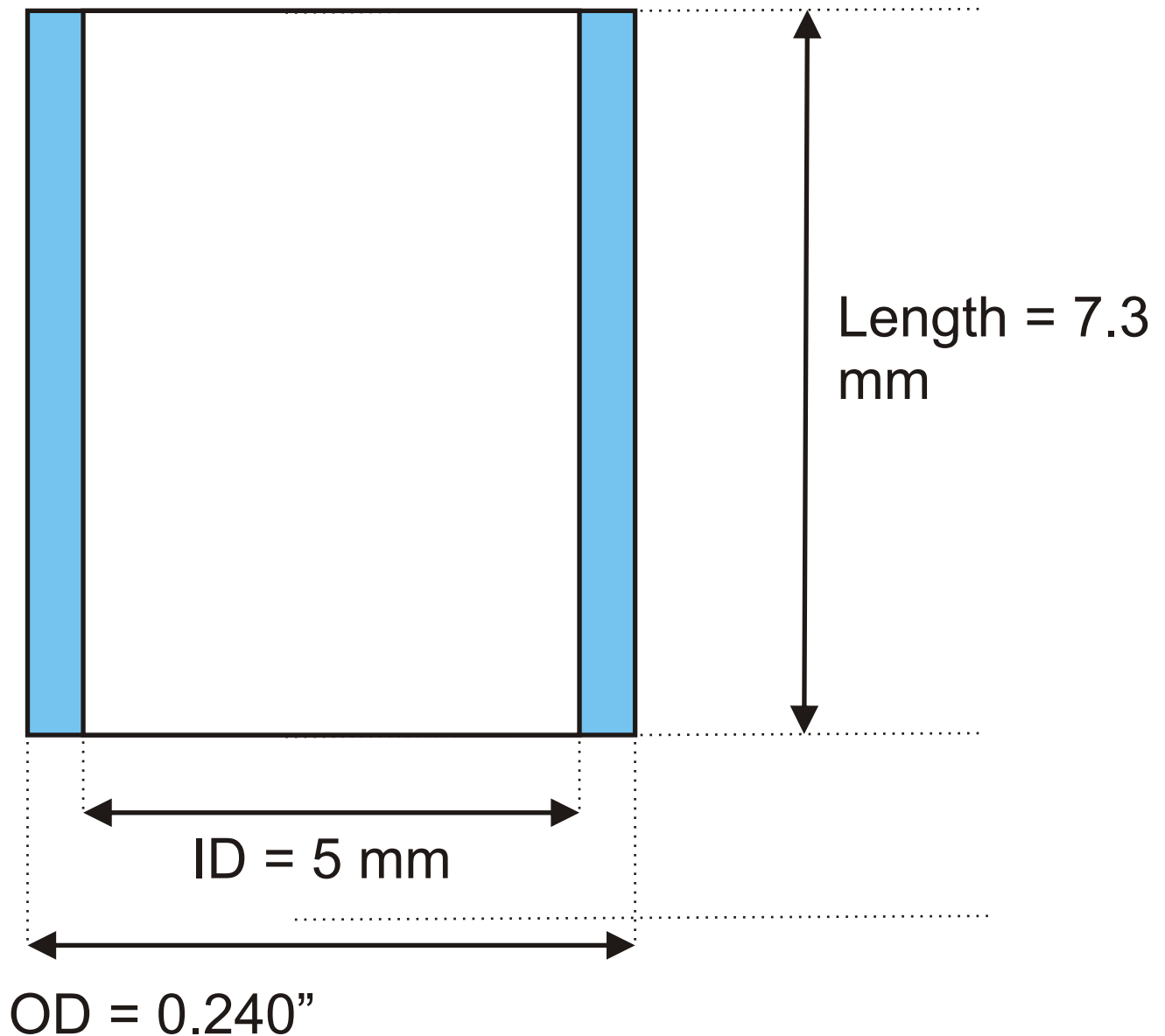
MgO Part M-21: Bottom end for
18/12 assembly
Material: MgO



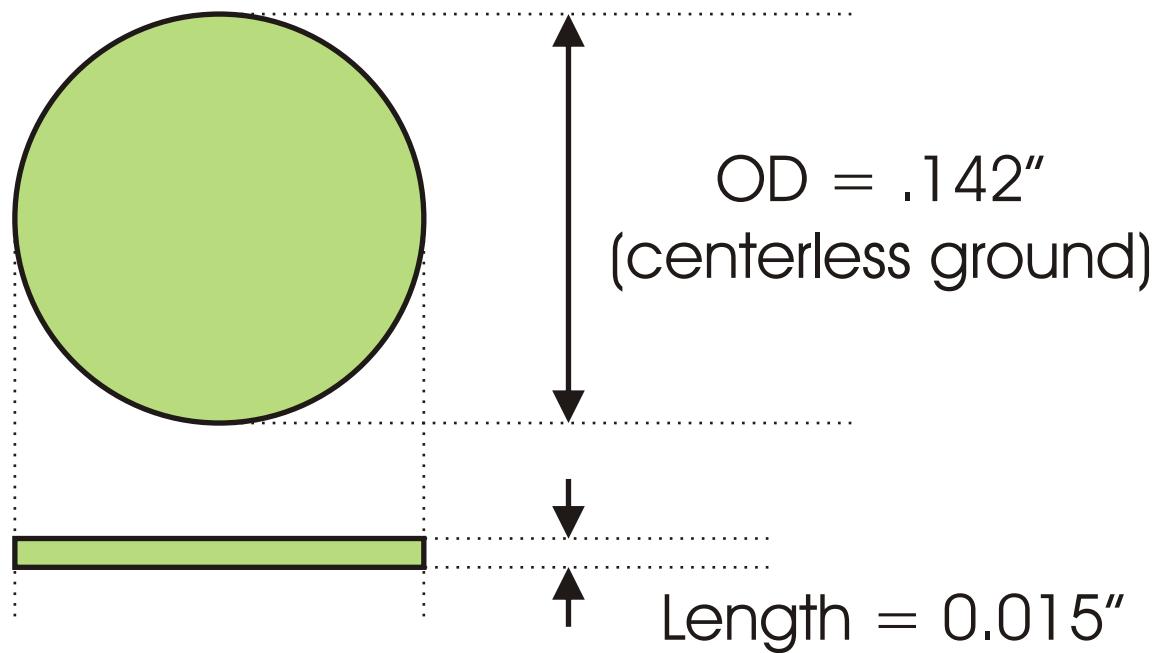
MgO Part M-54: 5.0 mm ID MgO
adaptor sleeve for 18/12 assembly

Scale 15:1

Material: MgO



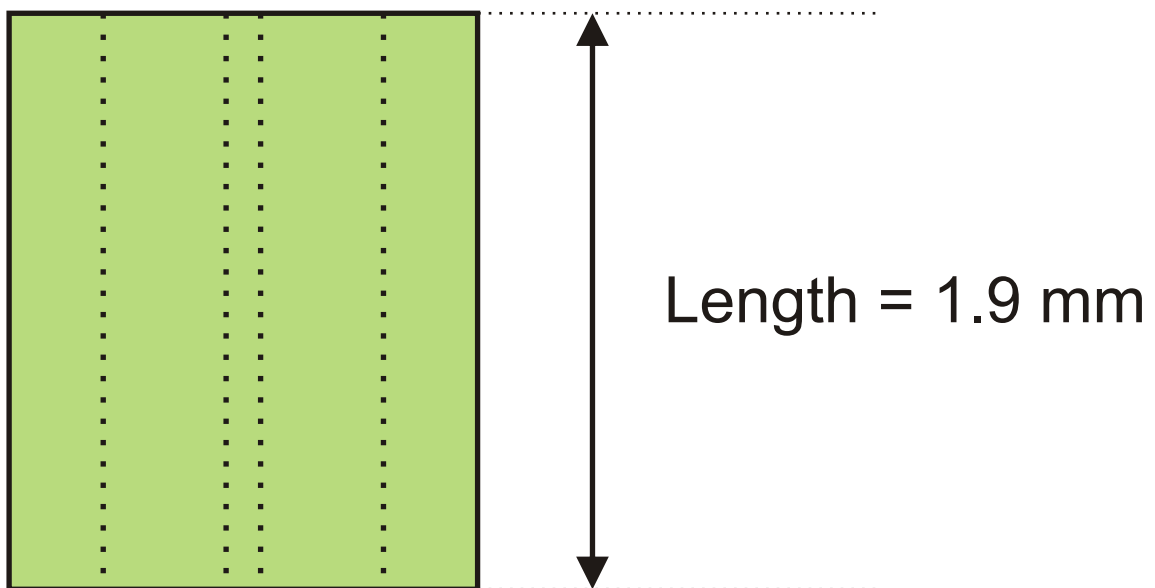
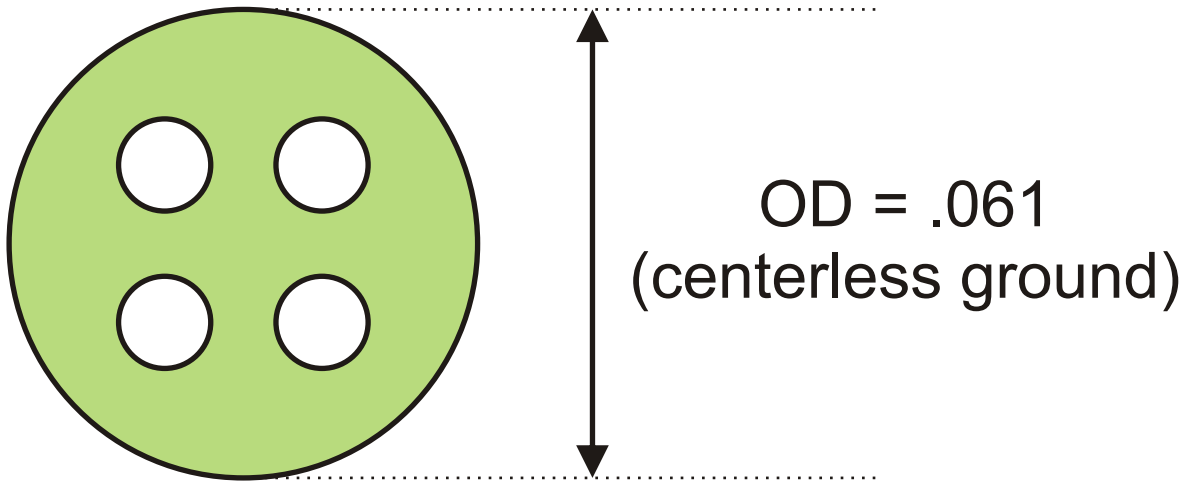
Alumina Part A-10:
Thermocouple cover for 18/12 assembly
Scale 15:1
Material: Alumina



Alumina Part A-5B:
Thermocouple sleeve for 8/3, 10/5, and
18/12 assemblies

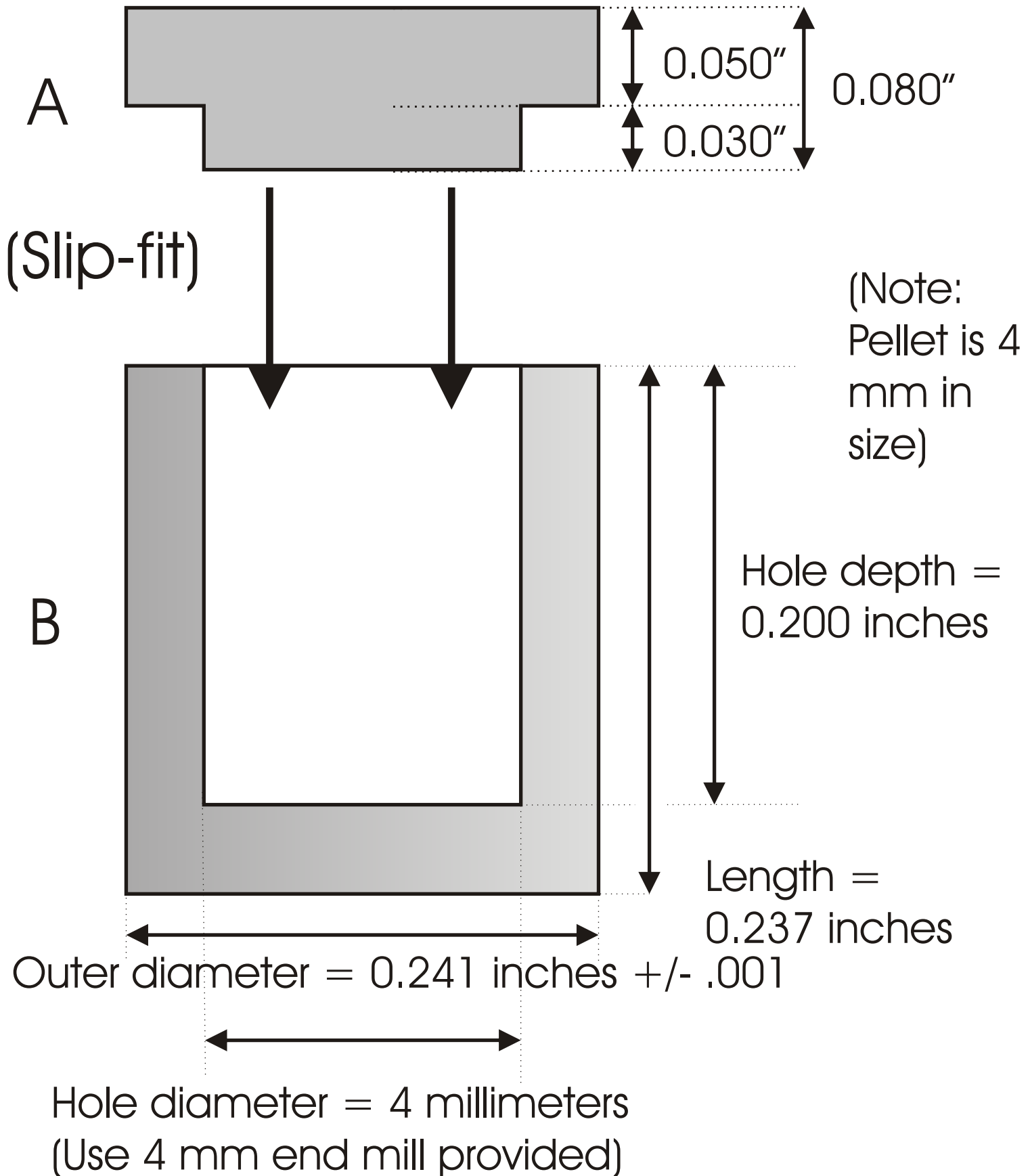
Scale 40:1

Material: ASU special Coors alumina, smaller bore.



BN part 1 4: Thick cup and
slip-fit lid for 1 8 mm assembly.

Material: St. Gobain grade AX05 boron nitride.



BN part 15: Thinner cup and
slip-fit lid for 18 mm assembly.

Material: St. Gobain grade AX05 boron nitride.

