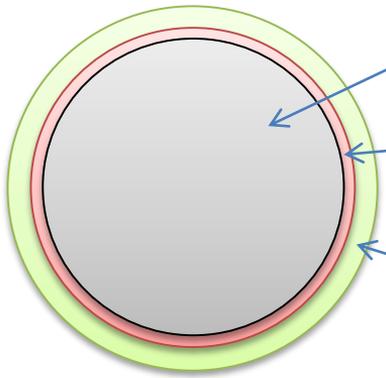


**1**

**Radius of base of pot holder**



- (A) Diameter of base of pot noodle = \_\_\_\_\_
- (B) Gap between edge of the pot and the holder, needs to be about **2.5 mm all the way round**
- (C) Thickness of pot wall needs to be about **5mm** to insulate user hand from the hot pot noodle

Total diameter of base of the pot holder

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_ mm

**Total radius** of the base of the pot holder? \_\_\_\_\_ mm

**2**

**Height of the pot noodle holder**

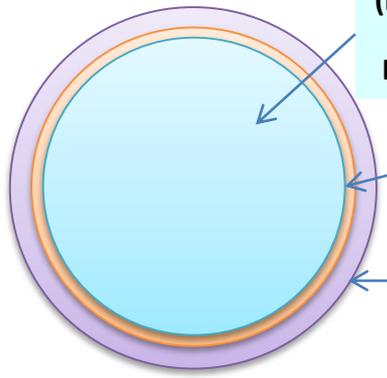


Decide how high you want the pot holder and mark it on your pot noodle. Measure the height and remember to add on the depth of the base of the pot holder to get total height

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_ mm

**3**

**Radius of top rim of pot holder**



(E) Measure diameter at the point where you marked the pot height on the pot noodle. Try using callipers.

**Diameter** of top rim of pot noodle = \_\_\_\_\_ mm

- (F) Gap between edge of the pot and the holder, same as (B) above
- (G) Thickness of pot wall, same as (C) above

**Total diameter** of top rim of pot holder

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_ mm

**Total radius** of the top rim of the pot holder? \_\_\_\_\_ mm

4

Indents to grip the pot.

If you want one or two indents on the sides of the pot to help grip when you pick it up, you need additional measurements.



How far from the top do you want the first indent to start and how long should the indent be for your finger to be able to grip it properly?

For the example pot, the grip was 5mm from the top of the potholder and was 14mm long.

Distance from top to start of indent

= ..... mm

4

Length of indent

= ..... mm

Radius of top of potholder

= ..... mm

3

Height of potholder

= ..... mm

2

Write all of your measurements on this diagram to help you when you start your CAD drawing

1

Radius of base of potholder

= ..... mm