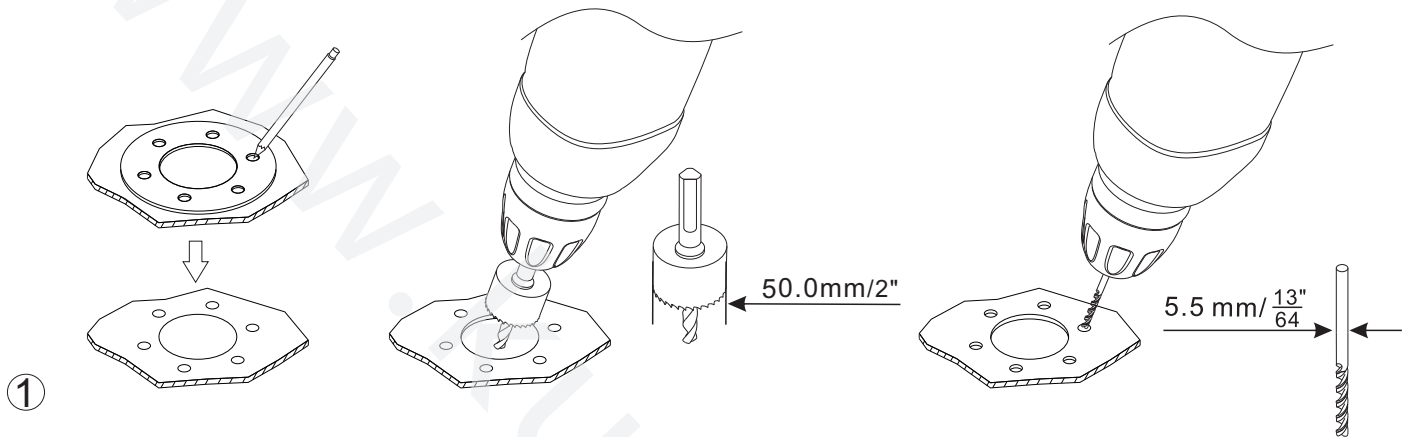# S3 MOUNTING INSTRUCTIONS

I. Assemble by C-ring, applicable to tank with thin wall preparation

Preparation :

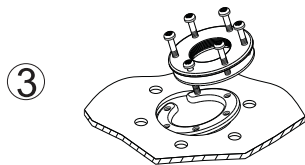1. Tool: 50.0mm/2" opener, 5.5 mm/$\frac{13}{64}$" drill, pencil, electric hand drill.

2. Empty tank, clean tank with water, keep filler open.

① 50.0mm/2"

5.5 mm/$\frac{13}{64}$"

① Drill one 50mm/2" hole and six 5.5mm/$\frac{13}{64}$" holes in the tank.

② Thread the first screw(any of the 6)complete through the HFL flange and the gasket and the other 5 screws through the HFL flange and a little through the gasket. Look at the drawing and place the "C" ring on the first screw.
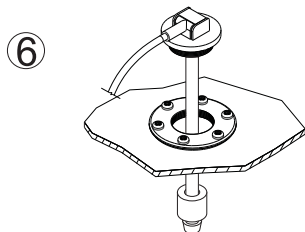
③ Twist the "C" ring into the tank opening, and line up the "C" ring until you can screw down one of the 5 screws. Take out the first screw.
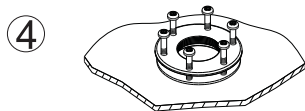
④ Line up the "C" ring and loosely screw all the screws evenly into the "C" ring.
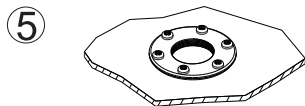
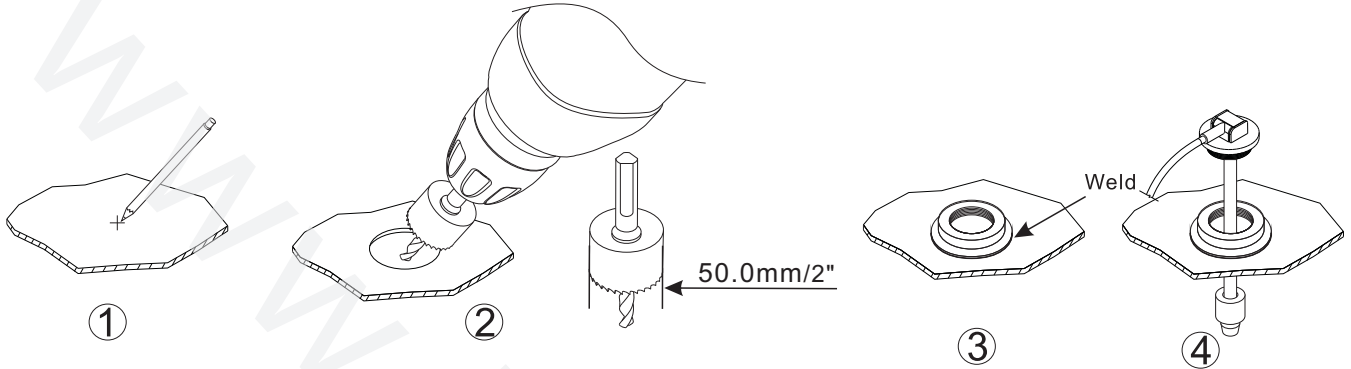⑤ Tighten the screw firmly in a diagonal tightening pattern

⑥ Screw the sensor onto the HFL flange with spanner.

II. Assemble by flange, applicable to metal (e.g. iron, Alum, SS) tank with thin wall

Preparation：

1. Tool: 50.0 mm/2" opener, pencil, electric hand drill.   2. Empty tank, clean tank with water, keep filler open.


Weld

50.0mm/2"

① ② ③ ④

① Draw a "cross" in the required open area by pencil in tank

② Drill hole with 50mm/2" opener

③ Set flange in middle of the hole and weld into tank

④ Twist O-ring into flange, done.

III. Assemble by auto-screw, applicable to plastic tank

Preparation :

1. Tool: 4.0~4.2 mm/$\frac{1"}{8}$ drill, 50.0 mm/2" opener, pencil, electric hand drill.

2. Empty tank, clean tank with water, keep filler open.

50.0mm/2"

4.0~4.2 mm/$\frac{1"}{8}$

① ②
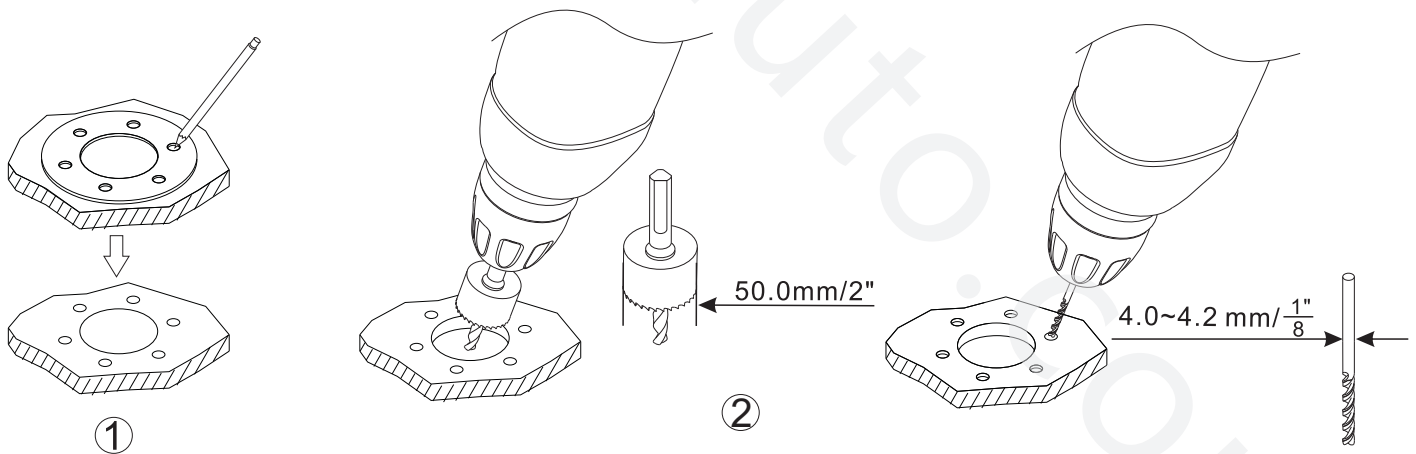
① Draw the required holes by pencil per gasket's shape in tank

② Drill hole with 50mm/2" opener by 4.0 mm and 4.2mm's/$\frac{1"}{8}$ drill, separately

③ Use tapping screw+gasket to set flange into tank per "star pattern" method

④ Twist O-ring into flange, done.

4.8~5.0 mm

③ ④