



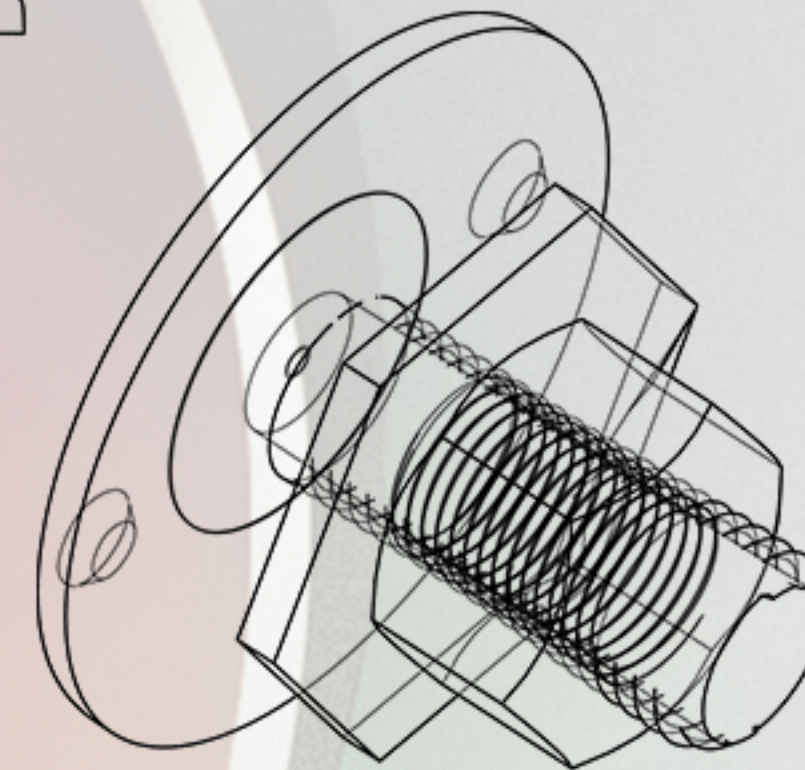
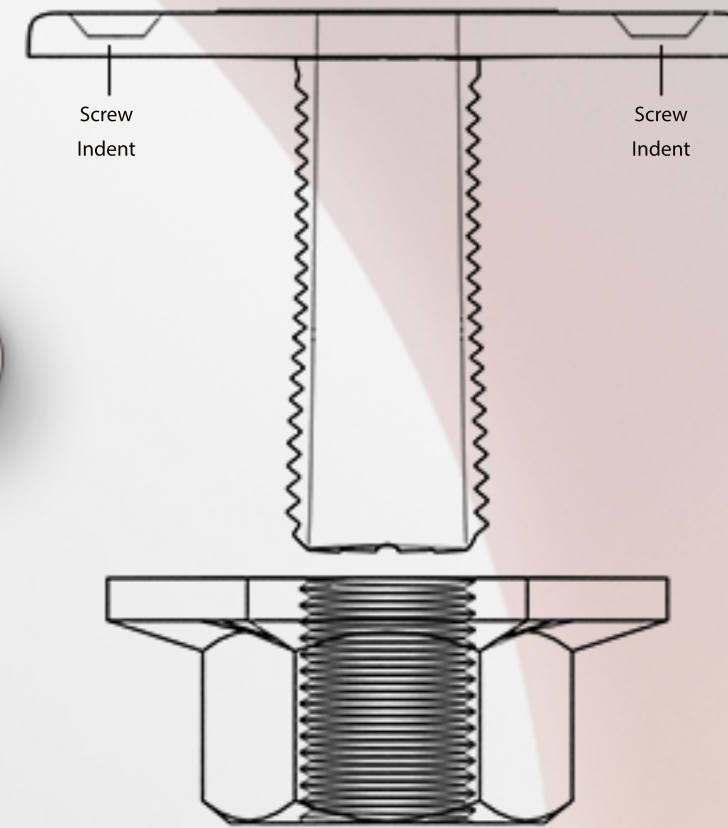
# FLUSH HEAD (ABS019F-HO)

Sold either as part of a flush sampling kit (ABS019F) or individually, it is used to fix to a ceiling tile with the nut or washer (supplied) to sample air. The 10mm OD nylon tubing is a push fit to the top of the flush head which links it to the capillary T piece.

## Installation Instructions:

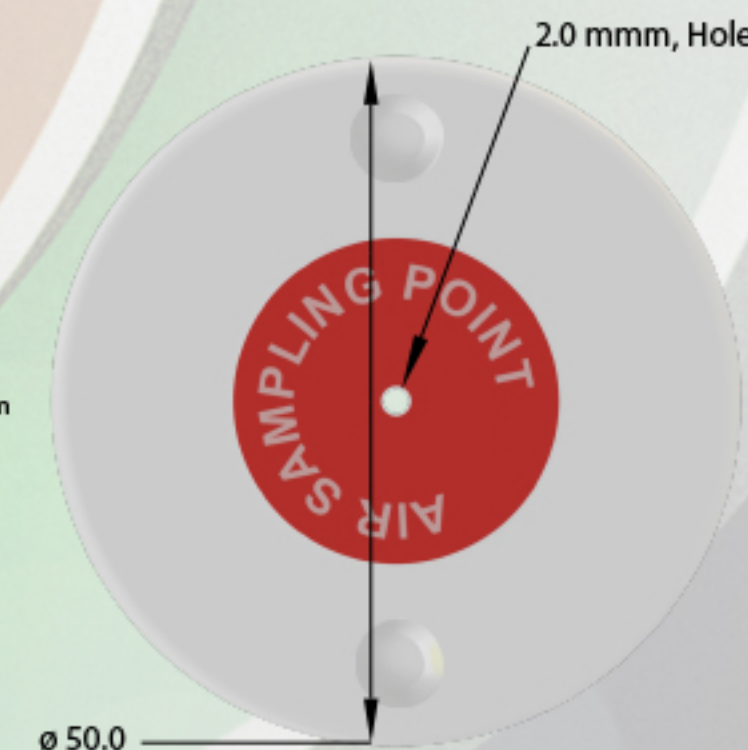
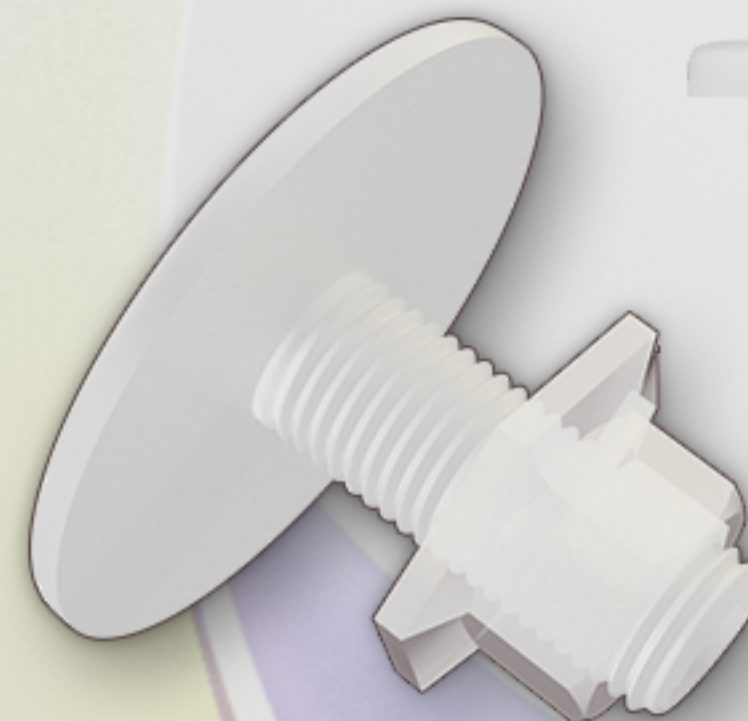
- Do not paint.
- Keep pipe clean and free from dust.
- Do not install in direct sunlight.
- Only install with approved pipe.
- Do not use solvents to clean, only soapy water.

**Part No.** ABS019F-HO  
**Pipe colour** RED  
**Diameter Tolerance** +/- 0.15mm



Side Elevation

Top Elevation



### RAW MATERIAL DATA

**Kumho ABS 750**  
**Acrylonitrile Butadiene Styrene**

**Physical:**  
Specific Gravity 1.04  
Test Method ASTM D792

Melt Mass - Flow Rate (MFR)  
200°C/21.6 kg 47 g/10 min  
200°C/5.0 kg 4.1 g/10 min  
220°C/10.0 kg 34 g/10 min  
Test Method ASTM D1238

Molding Shrinkage -  
Flow 0.0040 to 0.0070 in/in  
Test Method ASTM D955

**Mechanical:**  
Tensile Strength  
Yield, 73°F (23°C)  
1.97 in (50.0mm)  
6670 psi  
Test Method ASTM D638

**Tensile Elongation**  
Yield, 73°F (23°C)  
1.97 in (50.0 mm), 15%  
Test Method ASTM D638

**Flexural Modulus**  
Yield, 73°F (23°C)  
0.118 in (3.00 mm)  
312000 psi  
Test Method ASTM D638

**Flexural Strength**  
Yield, 73°F (23°C)  
0.118 in (3.00 mm)  
9230 psi  
Test Method ASTM D790

**Impact**  
Noched Izod Impact  
73°F(23°C), 0.126 in (3.20 mm), 5.5 ft-lb/in  
73°F(23°C), 0.252 in (6.40 mm), 4.8 ft-lb/in  
Test Method ASTM D256

**Hardness**  
Rockwell Hardness (R-Scale) 108  
Test Method ASTM D785

**Thermal**  
Deflection Temperature Under Load  
264 psi (1.8 MPa), Unanneald 185°F/85°C  
Test Method ASTM D648

Vicat Softening Temperature 203°F/95°C  
Test Method ASTM D1525

**Flamibility**  
Flame Rating  
0.0630 in (1.60 mm) HB  
0.0866 in (2.20 mm) HB  
0.126 in (3.20 mm) HB  
Test Method UL 94

### RAW MATERIAL DATA

**Nylon**  
NFM 10x7.5 -  
OD Tol's +0.03/-0.09mm  
Burst Pressure 995 PSI / 68 bar  
Bend Radius 40mm  
Weight/30m 1.08kgs

NEM 10x8 -  
OD Tol's +0.02/-0.10mm  
Burst Pressure 772 PSI / 53 bar  
Bend Radius 50mm  
Weight/30m 0.87kgs

Temperature Range -  
-40°C to +70°C, Occasional use up to  
+130°C, Brittle point: -70°C

Technical information for use as  
a guide only.

Pressure values given are based on  
the short term burst pressure at 20°C  
based on a 3:1 safety factor.  
Any increase in temperature above  
20°C will result in a decline in working  
pressure values.

Products and specifications are subject  
to improvements and change without  
notice.

**Bisson Ltd**  
Unit 11, Eldonwall Trading Estate,  
St.Phillips, Bristol, BS4 3QQ

Tel: 0117-967-9999  
Fax: 0117-961-9261  
<http://www.abspipesandfittings.co.uk>