



BrewMometertm

Hole Plug

This optional accessory allows you to relocate your weldless BrewMometer to multiple locations in your pot. This is helpful if your batch size and/or grain bill varies significantly from batch to batch.

Assembly & Installation:

Prior to drilling the hole for the hole plug, select a position on the pot that is high enough to stay out of the heat of the burner, but low enough to measure approximately in the middle of the liquid for a better average temperature.

Caution: As with all bimetal thermometers, do not install the thermometer in a location on the pot where it will be subjected to excessive heat from high BTU propane burners. Always keep the flame low enough that it does not roll over the corners of the pot. Doing so will damage the seals in the hermetically sealed case causing the inside to fog. This failure is not covered under warranty. If you cannot comfortably hold your hand on the case of the thermometer during operation is too hot (about 140F max). A minimum distance of 6" from the bottom of the pot is recommended, but does not guarantee it will be below 140F. If the surface is still too hot, or you wish to install it lower than 6", installing a heat shield (not provided) under the thermometer is necessary. Lastly, avoid direct spray of water on the thermometer and do not immerse it in water for cooling or cleaning.

Drilling a New Mounting Hole:

The weldless BrewMometerTM is very easy to install in a pot with a wall thickness up to ¼" thick. Determine the desired location for the BrewMometerTM and mark the center point with a permanent marker. Drill a 3/16 pilot hole and then enlarge it to ½" (+0.015, - 0.010) using a "step drill" as shown in Fig. 1. It is also possible to use a standard twist drill, but drilling in thin sheet metal with a twist drill usually results in oblong holes with rough edges and broken drills. Step drills are available through any hardware store or home improvement stores and produce a much higher quality hole with an automatically chamfered edge. After the hole is drilled, ensure both sides of the hole are free from burrs, which will cut the o-ring leading to potential leaks. The step drill can be used to chamfer (deburr) the hole on either side or you can use a file.

NOTE that the o-ring and washer go on the OUTSIDE of the pot. Installing it on the inside of the pot will cause it to leak!!

Assemble the hole plug as shown in Fig. 2 and 3, tightening the nut snugly using wrenches, but do not use excessive force. Do not use pipe tape on the threads.

Fig 1

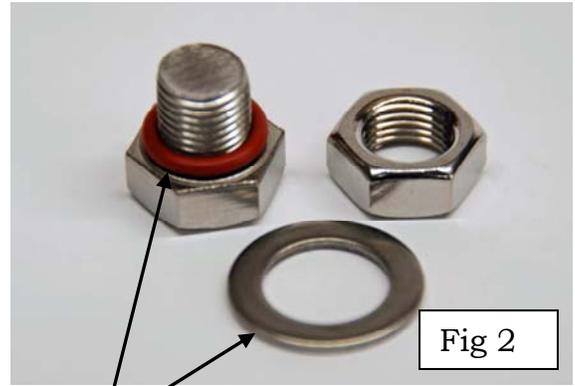
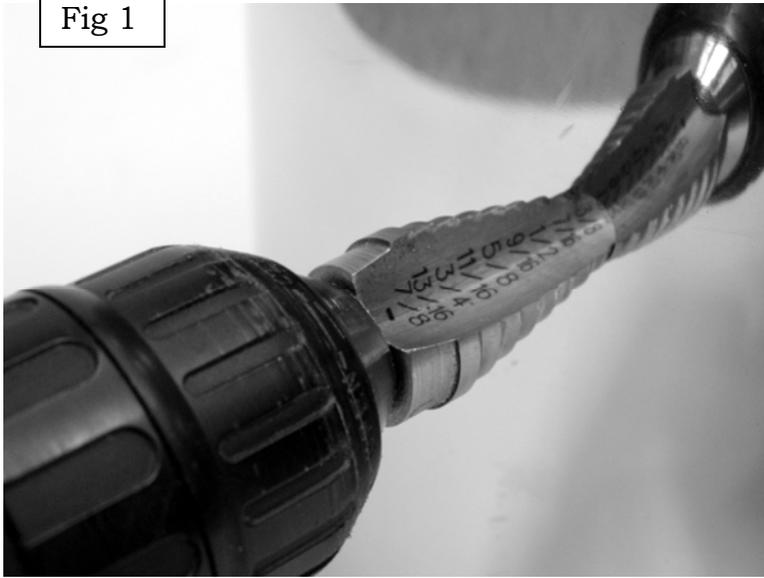


Fig 2

Outside of pot



Fig 3

The hole plug is warranted to be free of defects in materials and workmanship for a period of 1yr from the date of purchase (proof of purchase required).

Specifically EXCLUDED from this warranty are normal wear and tear, damage from abuse and misuse, thread galling or breakage from over-tightening. Damage to the thermometer from exposure to excessive heat from high BTU burners is also not covered in this warranty.

Blichmann Engineering is not responsible for incidental or consequential damages or injury arising from use or misuse of this product.