

Pitchbowl & Pitchcup

Workholding For Irregular or Fragile Pieces

#003-022 / #004-660

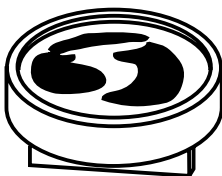
The GRS Pitchbowl and Pitchcup are made to hold irregular or fragile pieces including gun parts, jewelry, fossil specimens, and more. Designed to mount onto the GRS Magnablock for easy positioning, simply clamp into the jaws to mount either. The Pitchcup will also mount into the jaws of a BenchMate.

These products are filled with an asphalt-base material called “pitch”. With several ways to embed an object into the pitch, the most common is to heat the pitch and place the part to the desired depth. Another method that works well for some pieces is to heat it and place it on the unheated pitch. Some users like to heat both the pitch and the part. A small propane torch works fine as a heat source, but care is necessary to avoid overheating the pitch. A superior heat source is an electric heat gun.

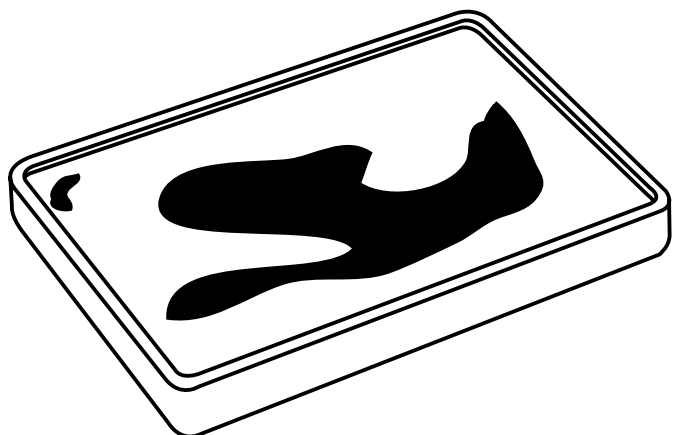
Once the pitch has set firmly, the embedded part is ready for use. When the work is completed, reheat the pitch and remove the piece. Some parts can be removed without reheating the pitch. Pitch that adheres to the part can be removed with a degreasing solvent.

A little experience will help considerably in developing a good technique for using a these products. You will find that your GRS Pitchbowl and Pitchcup have several unique uses that ordinary holding methods will not accommodate.

GRS Pitchcup
#004-660



GRS Pitchbowl
#003-022



Instructions

For GRS Pitchbowl & Pitchcup

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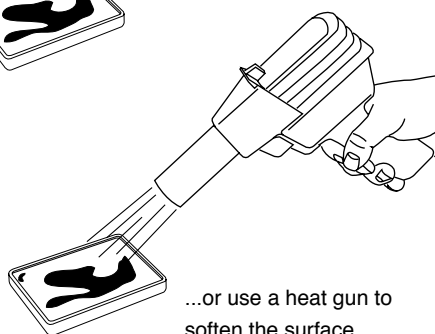
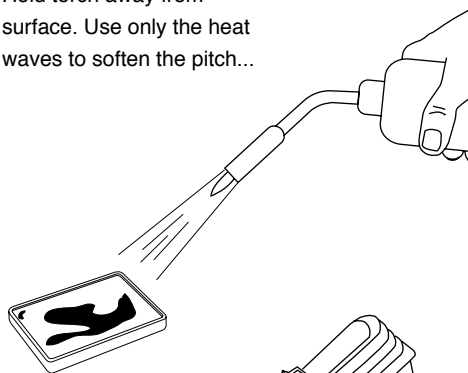
Softening the Pitch

From above, heat the surface of the pitch with a torch or heat gun. When using a torch, DO NOT put the flame against the pitch. If material starts to smoke, the flame is too close.

Soften the surface, not melt it, with the heat waves. Test the surface with the edge of a coin or tool until the desired softness is obtained. Carefully press the item you want held into the softened material and let cool.

Remove the item by heating the pitch the same way and lift the item out.

Hold torch away from surface. Use only the heat waves to soften the pitch...



...or use a heat gun to soften the surface.

Cleaning the Pitch

Soften, then pick out debris with a knife or tweezers. Wipe cooled material with degreasing solvent.



CAUTION: DO NOT HOLD PITCHBOWL OR PITCHCUP WITH HAND WHILE HEATING. DO NOT BURN SELF ON HEATED PITCH MATERIAL. WHEN HEATING MAKE SURE NEARBY SURFACES ARE NOT FLAMMABLE.

GRS

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