



# *Tokens of Appreciation*

John Michael Kohler Arts Center

March 8–October 11, 2020

## **Glossary of Terms: Cast Iron and Brass**

**Cast/Casting:** The process of forming an object in a mold; also refers to an object created through a mold-making process

**Cope:** The top half of a horizontally parted mold

**Core:** The interior section of a metal-casting mold, used to create hollow space within a finished casting

**Drag:** Lower or bottom section of a horizontally parted mold

**Enamel:** Similar to glaze but applied to metals, this powdered glass melts, flows, and then hardens to a smooth, durable vitreous coating during firing.

**Flask:** A container used to form the external shape of a part mold

**Gate:** The point at which the molten metal enters the mold cavity

**Mold:** The negative impression formed around a three-dimensional pattern, made of material such as plaster or sand and used to cast multiple identical objects

**Part Line:** The line on a pattern or casting that allows the mold to separate and be removed

**Part Mold:** A mold made of several parts that is taken apart to remove the pattern and reassembled to pour the casting

**Pattern:** The prototype of the object that a mold will produce. Patterns can be made from a variety of materials, including clay, plastic, wood, foam, and plaster.

**Pep Set:** A mix of sand and fast-acting resin used to form single-use molds for metal casting

**Surface Treatments:** Finishes applied to brass and iron, for example, patinas, stains, and plating

**Undercut:** The underside of a deep recess, which may lock a pattern into a mold

**Vent:** A path cut in a mold allowing gases and air to escape



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Front: Works from "Brass" Bob  
Halfmann's collection of objects  
created by Arts/Industry artists-in-  
residence. John Michael Kohler Arts  
Center Collection, gift of Robert  
Halfmann. Photo: 2020.