

PROCASTER™ ONE-SHOT CRUCIBLES

Fresh Crucible. Every Melt.

Blasch One-Shot Crucibles are engineered for high-temperature melting applications where metal purity, chemistry control, and process consistency cannot be compromised. By providing a fresh ceramic contact surface for every pour, One-Shot Crucibles help minimize the risks of cross-contamination, refractory inclusions, and variability associated with reusable crucibles.

Cleaner Metal Chemistry

Help minimize the risk of cross-contamination, refractory-related inclusions, and residual material from previous melts.

Application-Specific Materials

Material formulations can be selected based on alloy chemistry, melt size, operating temperature, and specific process requirements to support optimal melting performance.

Built for Critical Castings

Ideal for demanding VIM, investment casting, and single-crystal applications involving nickel-based superalloys and other high-performance metals where consistency and cleanliness are essential.

Application-Specific Materials

Material formulations can be selected based on alloy chemistry, melt size, temperature, and process requirements.



Match the Crucible to Your Melt

- Precision cast to tight tolerances, one-shot crucibles deliver reliable, repeatable performance from the first unit to the last.
- Available in Fused Silica and Alumina compositions to best match your melt chemistry and process temperatures.
- Custom Sizing: Cast to your specified OD, ID, height, and wall thickness for a precise fit.
- High-Purity Applications: Ideal for all super alloys melts where any risk of cross-contamination is unacceptable.

