

## Product Data Sheet

# Shot

### Introduction

**Shot** are round or tear-dropped shaped pieces of metal that are typically used to weigh quantities of other alloys. Examples include: filling vapor deposition crucibles or filling anode baskets with indium for electroplating.

For tear-dropped shaped shot, the typical diameter of the body is approximately 1/8" (3.175mm) and the length of the tail can vary depending on various parameters, such as the surface tension of the alloy.

Round shot is used to maximize the pack density in deposition crucibles by 15-20%. This option can increase throughput by decreasing downtime caused by source materials depletion.



Tear-drop



Round

### Alloys/Materials

**Shot** are available in most alloys.

### Packaging

**Shot** are typically packaged in jars according to weight and backfilled with argon. Custom packaging is available.

### Storage and Handling

**Shot** should be stored in a dry environment at or below room temperature. A nitrogen dry box is ideal. Once opened, containers should be purged with argon and closed tightly before returning to storage.

### Technical Support

Indium Corporation's internationally experienced engineers provide in-depth technical assistance to our customers. Thoroughly knowledgeable in all facets of Material Science as it applies to the electronics and semiconductor sectors, Technical Support Engineers provide expert advice in solder properties, alloy compatibility and selection of solder preforms, wire, ribbon and paste. Indium Corporation's Technical Support engineers provide Rapid Response to all technical inquiries.

### Material Safety Data Sheet

The MSDS for this product can be found online at <http://www.indium.com/techlibrary/msds.php>

This product data sheet is provided for general information only. It is not intended, and shall not be construed, to warrant or guarantee the performance of the

products described which are sold subject exclusively to written warranties and limitations thereon included in product packaging and invoices.

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