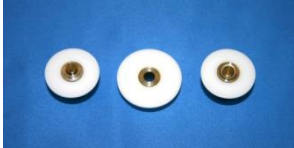
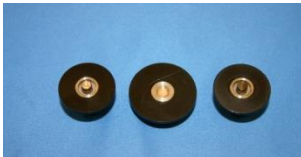
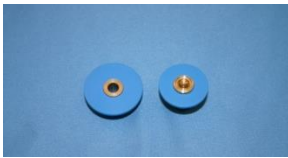
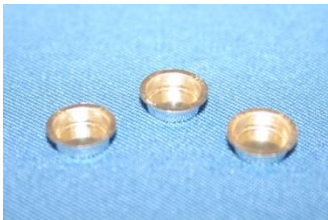
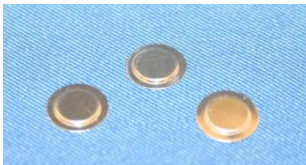
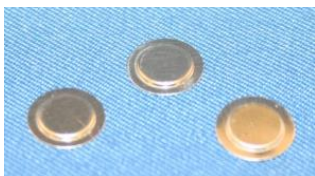
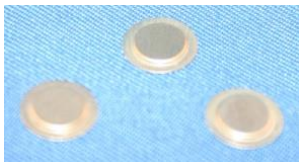
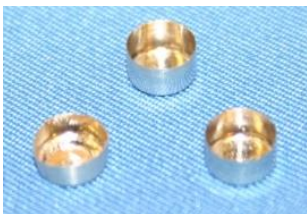
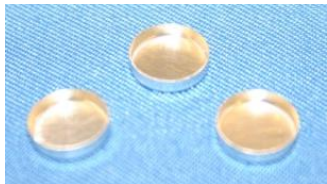
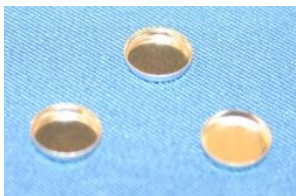
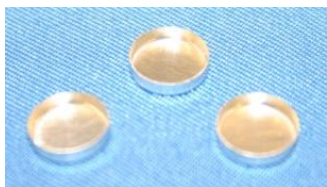
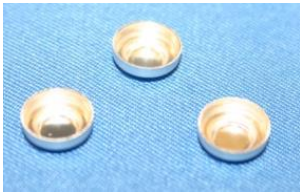
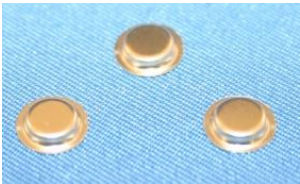
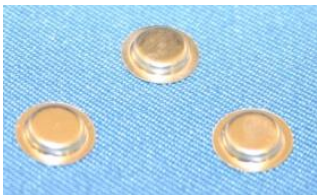
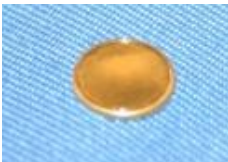


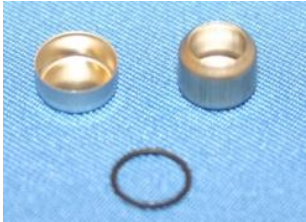
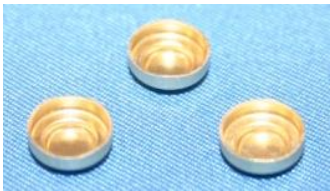
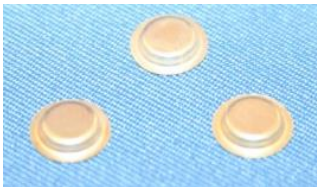
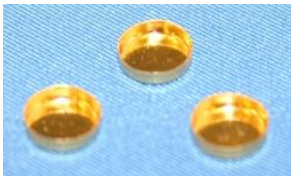
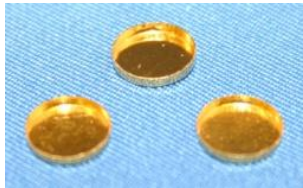
TA Instruments – DSC Sample Pan Guide

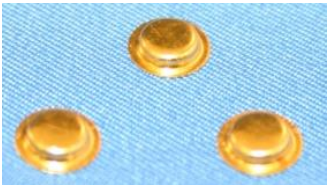
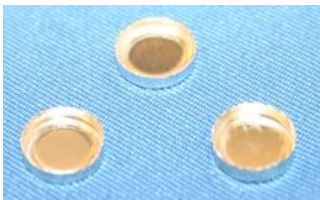
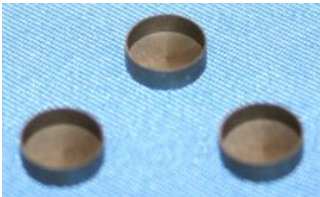
Part Number	Name	Picture	Description
901600.901	Tzero Sample Press Kit		Includes a Tzero Press and die sets for Tzero Pans / Tzero Lids and Tzero Low-Mass Pans / Tzero Lids; Tzero Pans / Tzero Hermetic Lids; and Standard Aluminum Pans / Lids; Standard Hermetic Pans / Lids, respectively. The kit also includes one box each of Tzero Pans (100) and Tzero Lids (100).
901608.901	Replacement Standard Die Set		Used for crimping standard pans and lids in the Tzero Sample Press
901608.902	Replacement Hermetic Die Set		Used for crimping the standard hermetic pans and lids in the Tzero Press
901608.903	Replacement Tzero Die Set		Used for crimping the Tzero pans and lids in the Tzero Sample Press
901608.904	Replacement Tzero Hermetic Die Set		Used for crimping the Tzero pans and hermetic lids in the Tzero Sample Press.

901608.905	DSC High Volume Die Set		An optional die set for use with the Tzero Press in sealing of a sample in the TA Instruments Standard Series High Volume Stainless Steel pans and lids. The set consists of a lower and upper die and is designed to encapsulate various pressure sensitive materials.
901670.901	Tzero Low-Mass Pans (pkg. of 100) Temperature Range: -180°C to 600°C		Lightweight aluminum pans recommended for high performance analysis of small samples (< 10 mg). The pans have uniformly flat bottoms designed for very good contact with the Tzero cell sensors. When sealed with the Tzero Lid (P/N: 901671.901), the internal volume is 10 µL. This process requires the Tzero Sample Press Kit (P/N: 901600.901).
901671.901	Tzero Lids (pkg. of 100) Temperature Range: -180°C to 600°C		Lightweight aluminum lids for use in sample encapsulation with the Tzero Pans (P/N: 901683.901) and the Tzero Low-Mass Pans (P/N: 901670.901). The seal is not hermetic.
901683.901	Tzero Pans (pkg. of 100) Temperature Range: -180°C to 600°C		Aluminum pans designed for maximum performance in crimp or hermetic sealing of various sample sizes. The pans have extremely flat bottoms designed for maximum contact with the Tzero cell sensors. They can be used in the crimp seal mode with the Tzero Lids (P/N: 901671.901), where the internal volume is 20 µL, or in the hermetic seal mode with the Tzero Hermetic Lids (P/N: 901684.901), where the internal volume is 40 µL. This sample encapsulation process requires the Tzero Sample Press Kit (P/N: 901600.901).
901684.901	Tzero Hermetic Lids (pkg. of 100) Temperature Range: -180°C to 600°C Pressure Range: ≤2 atm (200 kPa gage)		Aluminum hermetic lids for use with the Tzero Pans (P/N: 901683.901) in hermetic encapsulation of materials.

901685.901	Tzero Hermetic Pinhole Lid (75 μm dia. pinhole) (pkg. of 50) Temperature Range: -180°C to 600°C		Tzero Hermetic Sample Pan Lids with laser-cut vent hole. Used for vapor pressure studies. 75 μm diameter pinhole.
901697.901	Tzero Alodined Pans (pkg. of 100) Temperature Range: -180°C to 200°C		Aluminum alodined pans and lids designed for maximum performance in hermetic sealing of solid samples containing moisture or solvents. The pans have extremely flat bottoms designed for maximum contact with the Tzero cell sensors. The internal volume is 40μL. The sample encapsulation process requires the Tzero Press Kit (P/N: 901600.901).
901698.901	Tzero Hermetic Alodined Lids (pkg. of 100) Temperature Range: -180°C to 200°C Pressure Range: ≤ 2 atm (200 kPa gage)		
900578.901	Platinum Pans (pkg. of 10) Temperature Range: -180°C to 725°C		Useful for experiments up to 725°C.
900786.901	Aluminum Pans (pkg. of 200) Temperature Range: -180°C to 600°C		New lightweight, quality pans for analysis of a wide variety of samples. Use with Standard Aluminum Lids (P/N: 900779.901) for encapsulation of materials in the crimp seal mode. The pans can be used with the Tzero Press (P/N: 901600,901).
900779.901	Aluminum Lids (pkg. of 200) Temperature Range: -180°C to 600°C		New lightweight, quality pans for analysis of a wide variety of samples. Use with Standard Aluminum Lids (P/N: 900779.901) for encapsulation of materials in the crimp seal mode. The pans can be used with the Tzero Press (P/N: 901600,901).
900760.901	Classic Aluminum Pans (pkg. of 200) Temperature Range: -180°C to 600°C		Classic pans (with higher sidewall) for analysis of a wide variety of samples. Use with Standard Aluminum Lids (P/N: 900779.901) for encapsulation of materials in the crimp seal mode. The pans can be used with the Tzero Press (P/N: 901600,901).

900793.901	Aluminum Pans Hermetic (pkg. of 200) Temperature Range: -180°C to 600°C		Standard Aluminum Hermetic Pans and Lids. For encapsulation of materials in the hermetic seal mode.
900794.901	Aluminum Lids Hermetic (pkg. of 200) Temperature Range: -180°C to 600°C Pressure Range: <3 atm (300kPa gage)		
900860.901	Hermetic Lids with Pin Hole (pkg. of 50), 75 micron diameter pinhole. Temperature Range: -180°C to 600°C		Special Hermetic Sample Pan Lids with laser-cut vent hole. Used for vapor pressure studies. 75 micron diameter pinhole.
900815.901	High Pressure Capsules (pkg. of 5) Ambient to 300°C Pressure Range: 1450 psig (10 MPa)		Package of 5 pans and lids
900814.901	High Pressure Capsule Seals (pkg. of 20)		Package of 20 gold seals designed for one-time use only.

900825.902	High Volume Pans, Lids and Seals (pkg. of 100) Temperature Range: -100°C to 250°C Pressure Range: 600 psig (4.1 MPa)		100 µL pans that suppress vaporization of solvents to 250 °C (High Volume Pan Kit required for sealing pans and operational use).
900796.901	Coated Aluminum Pans Hermetic (pkg. of 200) Temperature Range: -180°C to 200°C		Coated Aluminum Hermetic Pans and Lids. For analysis of aqueous or organic liquids in the hermetic seal mode.
900790.901	Coated Aluminum Lids Hermetic (pkg. of 200) Temperature Range: -180°C to 200°C Pressure Range: <3 atm (300kPa gage)		
900866.901	Gold Pans (pkg. of 10) Temperature Range: -180°C to 725°C		Standard Gold Pans and Lids. Useful for experiments up to 725°C.
900868.901	Gold Lids (pkg. of 10) Temperature Range: -180°C to 725°C		

900871.901	Gold Pans, Hermetic (pkg. of 10) Temperature Range: -180°C to 725°C		Standard Gold Hermetic Pans and Lids. Designed for evaluating materials under higher, self-generated pressures (up to 6 atm.) and temperatures (up to 725°C).
900872.901	Gold Lids, Hermetic (pkg. of 10) Temperature Range: -180°C to 725°C Pressure Range: 6 atm (600 kPa gage)		
900870.901	Aluminum Pans for SFI Samples (pkg. of 200) Temperature Range: -180°C to 600°C		SFI (Solid Fat Index) pans are designed specifically for evaluating edible fats and oils. They have a recessed rim around the bottom of the pan to prevent “wicking” due to surface tension.
900867.901	Copper Pans (pkg. of 200) Temperature Range: -180°C to 725°C		Widely used for oxidative stability experiments, particularly for polymeric materials used as wire and cable coatings.
900874.901	Graphite Pans (pkg. of 10) Temperature Range: -180°C to 725°C		Used for evaluating materials that might alloy with the various metal pans. Must be used with a non-oxidizing purge gas (such as Nitrogen).
900873.901	Graphite Lids (pkg. of 10) Temperature Range: -180°C to 725°C		