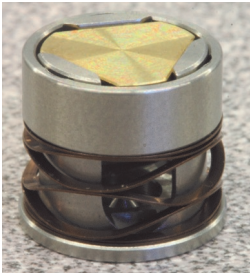
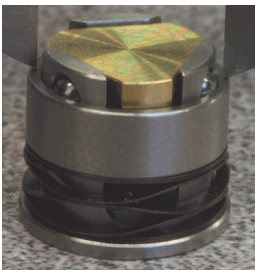


Miniature Inertia Igniters

- A low-cost, miniature, mechanical igniter for thermal batteries, currently designed for No-Fire: 2000 G for 0.5 ms or equivalent impulse and All-Fire: 900 G for 15 ms or equivalent impulse. The design can easily be re-parameterized to meet a wide range of All-Fire / No-Fire requirements.
- Prototypes and Production-Lots have been extensively tested in drop-tests, air gun tests, and on-board gun-fired projectiles. The igniters are designed to withstand 50,000 G, and have a 20+ Year shelf-life when paired with an appropriate housing.
- Currently testing for 99.99% reliability / 95% confidence which contributes to 99% fuze reliability.
- Current, in-production design is 12.2mm in diameter and 10.5 mm tall (1.2 cm³)
- Have parts on-hand to assemble 1500+ units; machined part supply chain is established and ready for high-volume production.



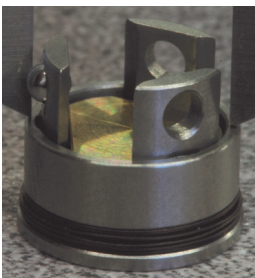
At Rest



Partial Actuation



Striker Releasing



Striker Released

