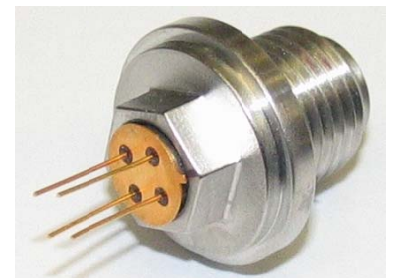


- Teledyne offers a wide range of off-the-shelf TBI designs.
- Teledyne has the capability to quickly create innovative designs to meet custom applications.
- Teledyne’s many successful designs have been mated with Teledyne’s safe and reliable EFI’s that are qualified to the requirements of MIL-DTL-23659F, Appendix A.
- Teledyne’s TBIs meet the energetic materials requirements of MIL-STD-1901 & MIL-STD-1316 using only CH-6 & BKNO₃.
- Applications include:
 - Solid Rocket Motor Ignition.
 - Pressure cartridge applications requiring high pressure/high temperature seal provided by a solid metal bulkhead.
- Teledyne’s TBIs have been successfully mated to several ISD designs.
- They are versatile and adaptable and easily fitted with a variety of output threads, pressure outputs and mounting configurations.



Thread mounted TBI



A dual TBI with two fully redundant bulkheads.



TBI fitted with Teledyne’s TO-5 Qualified EFI detonator



TBI welded to an ISD to create a fully hermetic device

Export classification	ITAR IV(6)
Thread sizes	9/16-24 and 13/16-32 (other sizes available)
Mating port & O-ring	Recommended port/boss dimensions & O-ring per SAE J1926-1
Configuration	Threaded or welded attachment options available
Operating temperature	-60°C to +85°C
Output closure	Welded stainless steel closure, hermetic to 1.0 x 10 ⁻⁶ atm-cc/sec Helium
Peak Pressure	500 to 2000 psi in 10cc volume (custom pressure outputs available)
Post fire pressure capability	>22,000 psi. after passing 10 ⁻⁸ atm-cc/sec He
Storage Life	10 years