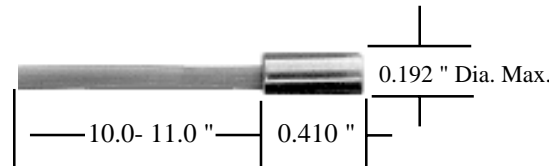


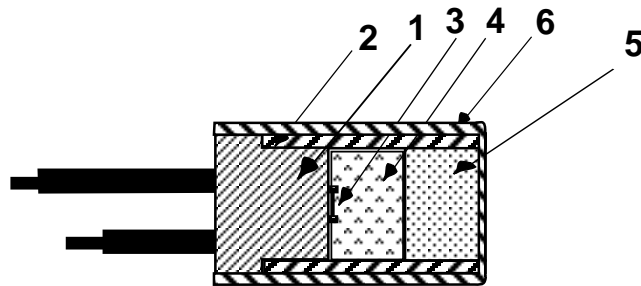
RP-87 EBW Detonator

P/N 167-9643

The RP-87 explosive is contained in a 0.006" thick stainless steel case which is crimped onto the plastic head. It is for use where small size is important. The RP-87 is similar to the MK 71 detonator in geometry and output except it contains no primary explosive.



RP-87 Explosive Train



1. Plastic molded head
2. Brass sleeve
3. Bridgewire (Gold)
4. Initiating explosive: 21.5 mg PETN
5. Output explosive: 44 mg RDX with binder
6. Stainless steel cup 0.006" thick

RP-87 Firing Parameters

- Threshold Burst Current: 210 amps
- Threshold Voltage: Approx. 500 volts
- Threshold Voltage Std. Deviation: 75 volts maximum
- Function Time: 1.95 μ sec. typical
- Function Time Simultaneity Standard Deviation: 0.125 μ sec Max.

Caution: While EBW and EFI Initiators are inherently less susceptible to accidental detonation during handling and set-up than devices containing primary explosives, electrical and electronic firing systems are sensitive to transient electrical energies which could cause premature triggering or firing. The blasting area must be clear of personnel and equipment before the detonator leads are connected to any RISI Firing System. Only approved RISI Firing Systems should ever be used to initiate or detonate any explosive product manufactured and authorized for sale by RISI.