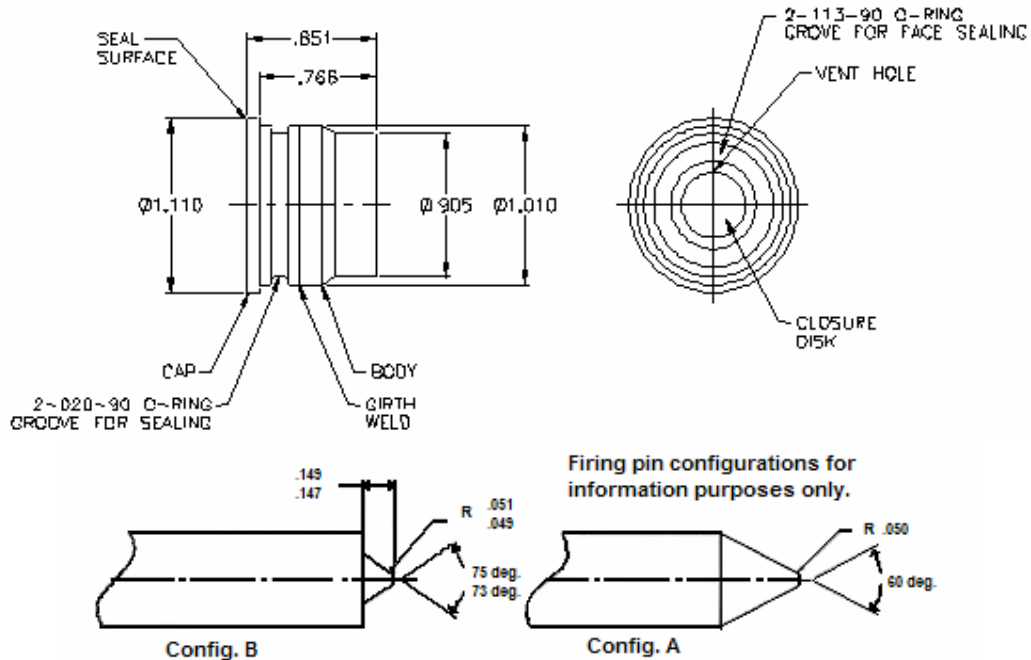


**ENERGETIC MATERIALS CO.**

# CLCP INITIATOR

## Part No. 51-6956-3



### DESCRIPTION

This is a percussion fired initiator is used primarily for initiating detonation of oilfield tubing conveyed perforating guns.

### PERFORMANCE CHARACTERISTICS

No-Fire: 5 ft./lbs.  
 All-Fire: (Config. A firing pin) - 10 ft./lbs. applied at 9.7 ft./sec.  
 (Config. B. firing pin) - 12.40 ft./lbs. applied at 13.40 ft/sec

Temperature Rating: 340°F for 100 hours  
 300°F for 200 hours

Initiation Gap: Initiates HMX Booster at 1.25 inch gap.

Unit will withstand 20,000 psi through the primer cap after functioning.

### MECHANICAL CHARACTERISTICS

Primer Cap: 304 CRES  
 Body: 304 CRES  
 Closure Disk: 304 CRES

### FIRING PIN CONFIGURATON

.050 Spherical Radius

### SEALING PROPERTIES

Leak Rate:  $1 \times 10^{-6}$  cc/sec He at 1 ATM differential