

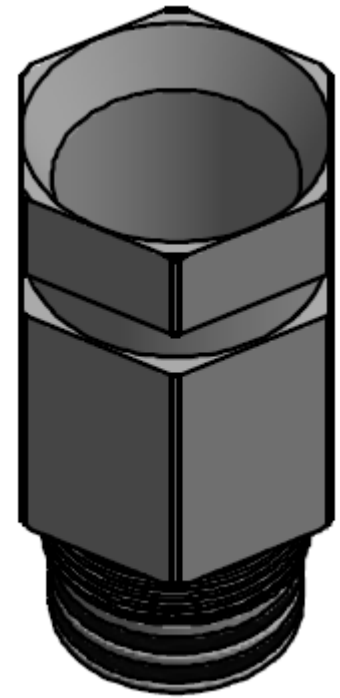
DESCRIPTION

DynaEnergetics™ offers a safe and reliable Mechanical Firing Module for the TCP Modular Firing Head System. The firing module is activated by the impact of a drop bar on a firing pin. The drop bar strikes the firing pin, shearing a safety retaining washer and drives the pin downwards to impact the Percussion Initiator. The resultant detonation is transferred through the Base X-Over Module to the top sub of the gun system.

The DynaEnergetics firing pin is hydraulically balanced and debris-friendly. Further, it incorporates a number of advanced features designed to improve reliability and increase safety.

FEATURES

- Only firing module available that incorporates an additional safety ring to prevent an accidental surface detonation
- Internal pin retention system, the use of a shear ring eliminates the leak path made possible by an externally installed shear pin
- Hydraulically balanced firing pin prevents accidental detonation due to hydrostatic pressure
- Withstands a drop of at least 10' without movement of the firing pin
- Maintains a differential pressure of 20,000 psi across the Percussion Initiator even after detonation.



SPECIFICATIONS

Mechanical Firing Module	
Part Number	2329293
Redress Kit	2329294
Weight	0.60 kg / 1.32 lbs
Overall Length	93 mm / 3.66 in
Max OD	49 mm / 1.93 in
Temperature Rating	Varies with elastomer, 204°C with standard seals
Pressure Rating	137.9 MPa / 20,000 PSI after detonation
Tensile Rating	NA
Connection	NA
Material	4140 HTSR

Note: Product conditions must be monitored, inspected, and maintained regularly to ensure proper service in accordance with DynaEnergetics guidelines. Failure to do so may result in personal injury and/or property damage. For questions, please contact your DynaEnergetics representative.