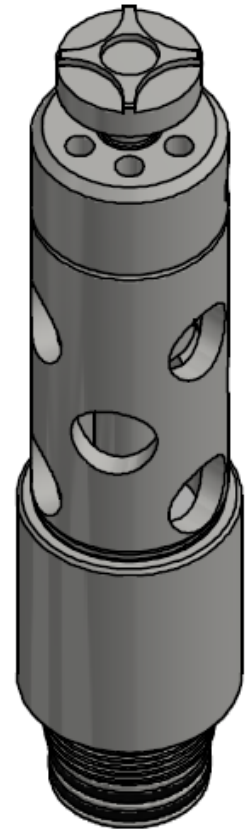


### DESCRIPTION

DynaEnergetics™ offers a safe and reliable Hydro-Mechanical Firing Module for the TCP Modular Firing Head System. The firing module is activated by the impact of a drop bar and hydrostatic pressure combined. The drop bar strikes, shearing a brass screw and releases the firing pin. The hydrostatic pressure will now drive the firing 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.

### FEATURES

- Requires both mechanical and hydraulic activation to function
- Maintains differential pressure of 20,000 psi across the Percussion Initiator even after detonation
- Withstands a drop of at least 10' without movement of firing pin
- Robust design ensures the main components are reusable
- Easy redressing without the need for special tools
- All moving parts are designed to have low inertia and short travel distances to ensure reliable operation
- Offered in a low and high pressure range applications



### SPECIFICATIONS

	Hydro-Mechanical Firing Module Low Pressure	Hydro-Mechanical Firing Module High Pressure
Part Number	2328890	2329421
Redress Kit	2329127	2329422
Weight	1.6 kg / 3.5 lbs	1.6 kg / 3.5 lbs
Overall Length	222 mm / 8.73 in	222 mm / 8.73 in
Max OD	49 mm / 1.93 in	49 mm / 1.93 in
Operating Pressure	1.4 MPa to 55 MPa / 200 PSI to 8000 PSI	41 MPa to 138 MPa / 6000 PSI to 20000 PSI
Pressure Rating	138 MPa / 20000 PSI before and after detonation	
Tensile	NA	NA
Connection	NA	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.*