

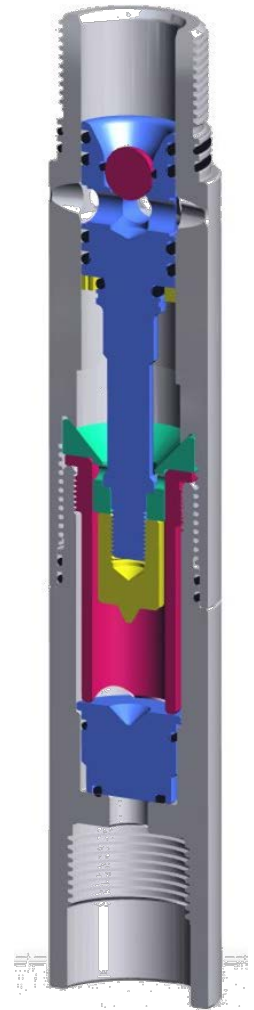
## Description

The DynaEnergetics Absolute Pressure Auto-Fill Auto-Vent Coil Tubing Firing Head with Ball Catch allows the operator to safely and reliably detonate a perforating assembly as well as circulation between the tubing and annulus during running in and retrieval. When the gun is ready to fire, the operator drops a ½” diameter steel ball into the tubing. Fluid is circulated to transport the ball to the seat in the piston. Pressure applied through the coil tubing acts on the piston. When the set pressure is reached, the tensile element breaks and allows the piston to drive the firing pin into the percussion initiator. After firing, the ball is automatically locked in the piston, and the operator can pull the tubing dry. The piston has a latch feature that ensures that the ports remain open after actuation.

The firing head incorporates a tensile element which is designed to break at a precise pressure level (+/- 5%). The tensile element is available in 500 PSI increments.

## Features

- The operator is not required to manage the fluid level in the tubing as the tool is run in.
- The ball is trapped after firing. No need to circulate the ball back to surface before running out dry
- Predictable actuation pressure for each element. No confusion about number or size of shear pins. The actuation pressure is printed on each element.
- Withstands a drop of at least 30’ without movement of the firing pin.
- Top sub is provided blank for the operator to have machined to the desired connection specification. DynaEnergetics can supply selected connections on request.



## Specifications

Nominal Size	43 mm / 1-11/16"
Part number	2327015
Re-dress Kit	2327062
Weight	6.11# / 2.77 kg
Overall Length	261 mm / 10.26"
Maximum OD	43 mm / 1-11/16"
Temperature Rating	Varies with elastomer; 204oC with standard Viton seal
Pressure Rating	69 MPa / 10,000 PSI
Tensile	36259# / 16447 kg
Tensile Stud Rating	1,500 psi to 20,000 psi in 500 psi increments
Connections	1.275" ACME 12 TPI box down, upper thread specified by customer
Material	4140 HTSR /P110

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