

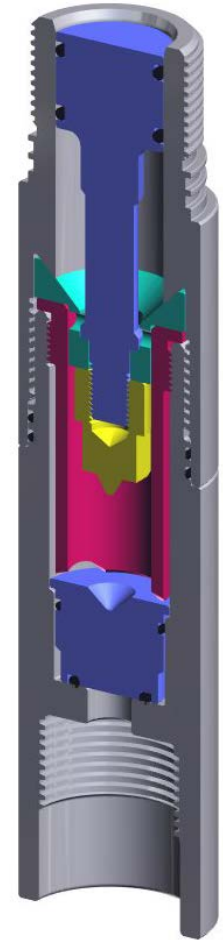
Description

The DynaEnergetics Absolute Pressure Coil Tubing Firing Head allows the operator to safely and reliably detonate a perforating assembly using applied pressure. 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.

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

- 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
- Redressing the tool does not require any special tools.
- If the tool is used in normal operating conditions, the major components of the tool are reusable.
- All moving parts are designed to have low inertia and short travel distances to ensure reliable operation.



Specifications

Nominal Size	43 mm / 1-11/16"
Part number	2327055
Re-dress Kit	2326964
Weight	5.40# / 2.45 kg
Overall Length	187 mm / 7.36"
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.