

Dual Action Coiled Tubing Spring Accelerator



HIGH IMPACT LOADS

EASE OF MAINTENANCE

RELIABLE OPERATION

Description

The DTI Coiled Tubing Dual Action Spring Accelerator is used with a DTI Dual Action Mechanical or Hydraulic Jars. The Accelerator provides stored tension or compression energy in addition to the coiled tubing spring effect.

The DTI Coiled Tubing Dual Action Accelerator stores compression or tension, via disc springs, that are released rapidly when the Jar is fired. This is especially useful to increase jarring impacts when operating the Jar at a shallow depth or in a deviated well.

The DTI Coiled Tubing Dual Action Accelerator uses high quality seals to maintain pressure integrity and has a large ID compatible with DTI Jars.

The Dual Action Spring Jar is simple to operate and to and to maintain. It is capable of transmitting torque and matches the DTI Coiled Tubing Jar for both inside diameter and for stroke.

Deployment and Operation

- The Dual Acting Spring Jar should be placed as close to the required point of impact as possible.
- The DTI Dual Acting Hydraulic Accelerator or the DTI Dual Acting Spring Accelerator should be positioned above the Jar in the tool string.
- The Accelerator is highly recommended especially when operating at shallow depths where the stretch in the coiled tubing may not be sufficient to provide the maximum efficiency of transfer of energy to the jar.

Features & Benefits

- Enables repeatable upward and downward impacts.
- Designed for ease of use and redress.
- Matches the stroke of the DTI Dual Action Hydraulic Jar and Spring Jar.
- Torque Through Capability.

Optional Equipment

- Dual Action Coiled Tubing Hydraulic Accelerator
- Dual Action Coiled Tubing Hydraulic Jar
- Lower Disconnect
- DTI Test Beam for Jars and Impact Tools



Part Number	Outside Diameter	Inside Diameter	Length (Close/Open)	Maximum Spring Load	Thread Connection
DTA169AA08	1.688"	0.56"	49.2"/59.8"	600 LBS	1.00 AMMT
DTA212AA09-1	2.125"	0.75"	62.1"/72.1"	3,700 LBS	1.50 AMMT
DTA288AA23	2.875"	1.00"	63.4"/73.4"	2,100 LBS	2.38 PAC

We offer optional equipment, alternative sizes, materials and thread connections.
Please contact us for more information.