

PYROTECHNIC DELAY ASSEMBLY

The Titan Pyrotechnic Delay Assembly is designed to provide a time delay between actuation of the firing head and detonation of the gun system. This time delay can be used to change the pressure and allow for a specific underbalance or overbalance pressure by the Titan Direct Pressure Actuated Firing Head Assembly.

The Direct Pressure Actuated Firing Head initiates the Pyrotechnic Delay column of the assembly. This delay column burns for the predetermined duration, depending on the number of delay increments chosen, and then detonates the gun system.

Features/Benefits

- Ideal for horizontal or highly deviated completions
- Can be used for Underbalanced or Overbalanced perforating
- Can be run on top or bottom of Titan TCP Guns
- Design allows for increase of time delay in 9 minute increments
- Ideal when Nitrogen is required to actuate the firing head
- Can be used for detonating multiple gun systems

Specifications

Delay Interval	9 min.	18 min.	27 min.
Dia. (OD)	1.38 in. (35 mm)	1.38 in. (35 mm)	1.38 in. (35 mm)
Overall Length	20.0 in. (.51 m)	34.8 in. (.88 m)	49.4 in. (1.25 m)
Makeup Length	17.7 in. (.45 m)	32.4 in. (.82 m)	47.1 in. (1.20 m)
Press. Rating	20,000 psi (1,380 bar)	20,000 psi (1,380 bar)	20,000 psi (1,380 bar)

