

# HT74 Detonator (RDX)

## Titan Division | Energetics



**HT74 is a wired detonator designed for use with downhole tools, and it contains RDX to ensure high performance in common well environments.** HT74 is used by certified professionals to electrically initiate explosive devices using commercial power supplies.

Part Number	Description
DETO-HT7401-HK	HT74 Detonator (HMX)
DETO-BLOCK-T	Side Initiating Block

### Specifications

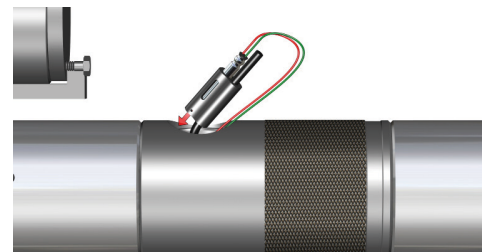
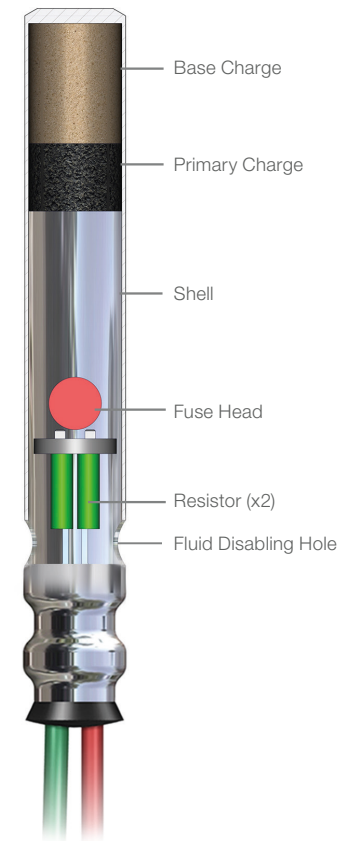
Temperature (°F)[°C]	356 [180] for 1 Hour
Nominal Base Charge	380 mg, RDX
Detonator Shell	Aluminum
All Fire Current	800 mA
No Fire Current	200 mA
Resistance	50Ω-60Ω
ESD Pin-to-Pin	25kVDC / 500 pF x 5kΩ
ESD Pin-to-Case	25kVDC / 500 pF x 5kΩ
Fluid Disabled Rating*	<30 minutes under 14 psi
Resistor	2 x 27Ω @1/2W, in a series with bridge wire
Overall Length (in)[mm]	1.838 [46.7]
Max Diameter (in)[mm]	0.279 [7.1]
Shell Material	Aluminum
Plug	Rubber/Plastic
Leg Wire	Stranded, full-length tinned Teflon insulated #22 AWG copper wire, 6" long
Wire Pull Strength**	7 lbs

\* Remove the tape before use for fluid disabled rating

\*\* Never pull lead wires from the shell. Hold wires firmly while stripping.

### Shipping Information

Proper Shipping Name	Detonators, Electric	
UN #	UN 0456	
Hazard Class	1.4S	
EX Number	EX2018062010	EX2021042166
Quantity per box	200	50
Package Size (in)[mm]	17.1 x 15.5 x 11.6 [435 x 395 x 295]	9.4 x 5.0 x 17.1 [240 x 126 x 434]
Gross Weight (lb)[kg]	28.6 [13]	10.8 [3.3]
Net Weight (lb)[kg]	4.0 [1.8]	1 [0.3]
Net Explosive Weight (lb)[kg]	0.2 [0.1]	0.05 [0.025]



**Arming Instructions:** The HT74 has a directional output. The main load end of detonator must face the direction of the explosive train toward the shaped charges.