

SLIM LINE DETONATOR

DESCRIPTION

The Fike Slim Line Detonator is a percussion fired detonator for use in downhole oil and gas completion operations. It is typically used in Tubing Conveyed Perforating (TCP) operations to initiate the detonation chain of perforating guns for the completion of oil and gas wells. The Slim Line Detonator is used in place of the standard percussion initiator or in smaller firing heads.

The Slim Line Detonator is available in a single configuration. It has a stainless steel body that resists corrosion and has a 5 year shelf life. The Slim Line Detonator initiates detonation of HMX and HNS boosters in a 1.00 IN gap and is intended for use in existing tools that meet the firing pin dimensions and other specifications listed in the data sheet.



SLIM LINE DETONATOR

FIKE SERVICES

Fike's Oilfield expertise creates a service and support structure that you can trust for your specific pyrotechnic applications:

- Engineers and application specialists can assist in product applications and technical support
- Rapid Response – lower costs and shorter lead times with Fike Oilfield products
- Qualification testing of components under simulated applications and field testing
- Manufactured by Cartridge Actuated Devices, Inc., a Fike Corporation company and industry leader in pyrotechnic products

SPECIFICATIONS

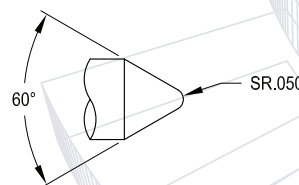
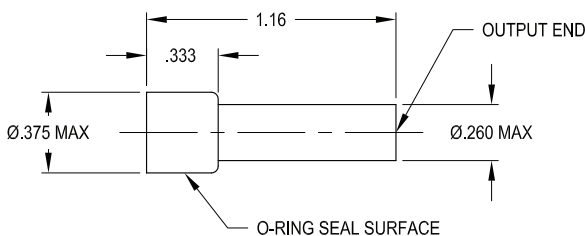
At Fike, our highest goal is to ensure that our energetic products are safe for handling and use by customers. Fike Percussion Initiators have undergone extensive testing to meet and exceed the following standards and regulations:

- API RP-67 Standard 5lb No-Fire Test
- API RP-67 Standard 10lb All-Fire Test
- API RP-67 Six (6) Foot Drop Test
- U.S. Military Standard 331 - Forty (40) Foot Drop Test
- DOT Hazardous Material Requirements
- CE Certified Safety Directives

Material of Construction	Body - Stainless Steel
Time and Temp Exposure	400°F for 200 Hours
Gap	Initiates boosters at 1.00 IN max gap
Firing Characteristics	All Fire: 10 ft-lbs applied at 9.7 ft/s No Fire: 5.0 foot-pounds maximum
Recommended Firing Pin	60° with .05 inch spherical radius (See Illustration)
Pressure Rating	10,000 PSIG before function
Shipping Classification	DOT Hazard Class 1.4S UN Number: UN 0455 Ref Number: EX 2011050376 CE Cert Number: ENB/D/174/11
Shelf Life	5 years

Note: All information is subject to change without notice. It is the users responsibility to conduct any necessary testing and ensure the Fike Slim Line Detonator is suitable for the users intended application, prior to use.

Note: All information and ratings are subject to change without notice. It is the users responsibility to conduct any necessary testing and ensure the Percussion Initiators are suitable for the user's intended application, prior to use.



FIRING PIN CONFIGURATION

APPLICATIONS

- Explosive Trains
- Perforating Guns
- Tubing Conveyed Perforating
- Specialized Applications

ORDERING INFORMATION

Fike P/N	Description
074140-1	Slim Line Detonator

Note: Consult Fike for applications beyond the standard specifications.