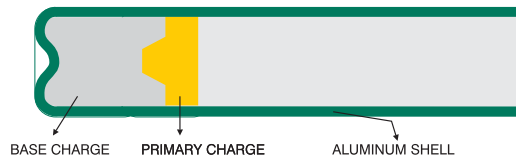


# PLAIN DETONATORS



## Description

Plain detonators or blasting caps consist of an aluminum shell, closed at one end. The bottom of the shell is filled with a base charge of PETN and a primary charge on top of that. The primary charge, picks up the flame from the safety fuse and converts burning into detonation, initiating the base charge.



The strength of the detonator is expressed in numbers which No.8 is the most widely used. Such a detonator contains approximately 9 mg of explosive charge.

## Technical data

Strength:	No.8
Shell length:	45 mm
Shell external diameter:	6.9 mm
Shell inner diameter:	5.9 mm

## Application

Plain Detonators are used together with safety fuse to initiate cap sensitive explosives. Although the method is steadily replaced by other initiation methods, it is still the most simple and economical. It can be used in combination with other initiating devices like detonating cord or Non-electric detonator assemblies. Before any use, plain detonators should always be examined to make sure they are dry and clear from other substances. The fuse should be cut vertically and inserted gently into the cap until it gets in contact with the primary charge (no air gap). It is recommended to use specially designed crimpers to adjust safety fuse into the cap.

## Packaging

Plain detonators are packed in cardboard boxes of 100 PCs each.

## Storage

Since the open end of the plain detonator is exposed to the environment, it should not be removed from the box prior to any use. Plain detonators are explosive blasting accessories and should be handled stored and used according to the national laws and regulations. They should be stored in a cool, dry, well-ventilated place. Provided that storage conditions are appropriate, it is recommended to use plain detonators within 18 months. Product shelf life can be further extended after examined by the supplier.



## Product classification

Commercial Name:  
Technical Name:  
UN-number:  
Division/Compatibility Group:

Plain Detonators  
Non-electric detonators  
0029  
1.1B

