

Scorpion®

Technical Information



Description

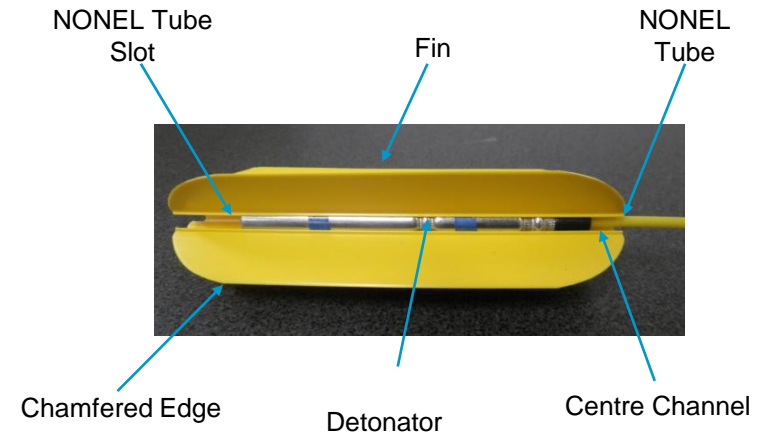
The Scorpion® is a device used to centralise detonators in the blasthole. Constructed from extruded plastic, the Scorpion device comprises four fins attached to a central spine and facilitates direct priming of either blow loaded ANFO or TITAN® 7000 bulk emulsion in small diameter blastholes, used in tunnelling and underground mine development.

Application

The Scorpion device is designed to centrally locate and protect a detonator in the blasthole. When used in conjunction with SmartShot®, NONEL® LP or NONEL MS detonator, the No. 12 strength cap provides adequate priming performance to initiate either blow loaded ANFO or TITAN 7000 bulk emulsion.

Properties

Length (mm)	130
Diameter (mm)	38
Construction	Extruded Plastic





Features and Benefits

- Four fins centrally locate the detonator in the hole while allowing free flow of ANFO or emulsion (as provided in bulk through a specialised delivery system) around the Scorpion device.
- Chamfered corners allow easy placement in the blasthole.
- Slots moulded into the spine allow the signal tube to be protected against damage when reverse priming.
- A central channel firmly retains the detonator in the device.

Recommendations

Water – When using ANFO ensure there is no water in the blastholes, as water will quickly dissolve or desensitise the charge of ANFO surrounding the Scorpion device. TITAN 7000 gassed emulsion products are water resistant and superior to blow loaded ANFO in this respect.

Priming - Insert the detonator fully in the central channel of Scorpion device. When reverse priming, the NONEL signal tube is wrapped over the protection slot to prevent signal tube damage.

Loading - Push the Scorpion device to the back of the hole with the loading hose. Pull the hose approximately 100mm away from the Scorpion device and proceed to load the hole with explosive.

Packaging

50 per bag
600 per box

Safe handling, transportation and storage

First Aid – This product is manufactured from inert material.

Safety – The device itself is non-explosive, however, it is designed for use with explosives which are classified as dangerous goods and these can cause personal injury and damage to property if used incorrectly.

Transportation and Storage – There are no specific storage requirements or constraints.

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