

MINING / CONSTRUCTION

Lokset Resin Capsule Accessories

RESIN CAPSULE INJECTOR

DESCRIPTION

The resin capsule injector is a hand-operated aid for the insertion of resin capsules, particularly in high working places.

APPLICATION AND USE

The resin injector is used to load Lokset™ resin capsules into roofbolt holes, and consists of a plunger within a hollow tube.



ADVANTAGES

- Safe and quick resin capsule insertion
- Easy to use
- Efficient and reliable application- ensures the resin capsule reaches the back of the hole undamaged
- Robust insertion tube

APPLICATION METHOD

- Remove the plunger from the outer tube.
- Insert the appropriate size polytop into one end of the outer tube.
- From the other end, insert the Lokset™ resin capsules (so that the capsule going into the injector last will go into the hole first).
- Push the injector against the roofbolt hole opening, and push the plunger until the resin capsules and polytop are inside the hole.

SAFETY INSTRUCTIONS AND LIMITATIONS

Each Resin Injector is tested in our workshops prior to dispatch.

Follow guidelines as directed by mine, for personal protective equipment required underground.

PACKAGING AND TRANSPORTATION

Dispatched individually or bundled and wrapped, according to number ordered.

STORAGE AND SHELF LIFE

Avoid prolonged storage in direct sunlight. Do not store near sources of heat. Do not crush or bend excessively.

DISPOSAL

May be disposed of as plastic waste.

**RESIN CAPSULE TOP HATS
(RETAINERS)**

DESCRIPTION

The resin capsule top hats are made from recycled plastic and are available in a number of sizes. Each size can be used in a wide range of hole diameters:

Top Hat Size	Hole Diameter Range
20 mm Round	21 mm – 35 mm
20 mm Triangle	21 mm – 30 mm
32 mm Round	34 mm- 48 mm



APPLICATION AND USE

Resin capsule top hats are used to retain resin capsules in rock bolt holes, until the bolts are inserted. This frees the operator to use both hands for other tasks such as lining up the rock bolt and operating the bolting machine.

ADVANTAGES

- Safe and quick resin capsule insertion
- Efficient and reliable application
- Easy to use

APPLICATION METHOD

- Insert the resin capsule into hole.
- Push in the top hat behind the resin capsule.
- If multiple capsules are used, push in a top-hat behind each one.

SAFETY INSTRUCTIONS AND LIMITATIONS

Follow guidelines as directed by mine, for personal protective equipment required underground.

PACKAGING AND TRANSPORTATION

Resin capsule retainers are supplied in pre-counted plastic bags.

STORAGE AND SHELF LIFE

Avoid prolonged storage in direct sunlight. Do not store near sources of heat. Do not crush.

DISPOSAL

Dispose of as plastic waste.

RESIN CAPSULE PARACHUTES

DESCRIPTION

The resin capsule parachutes are made from semi-rigid LDPE. The parachutes have a tapered, solid front end to protect and guide the capsule.

They have skirt with apertures to make capsule insertion easy and to hold the capsule in the parachute, and protruding tabs to grip the sides of the rock bolt hole and prevent the capsule from sliding back.

Parachute Size	Capsule Diameter range	Maximum Hole Diameter
25 mm	23 mm – 25 mm	35 mm



APPLICATION AND USE

Parachutes are recommended when Lokset™ resin capsules are air-loaded into rock bolt holes. The parachute guides and protects the capsule while it travels at high speed through the loading tube into the hole, then holds the capsule up the hole until the bolt is inserted.

ADVANTAGES

- Safe and quick resin capsule insertion
- Efficient and reliable application
- Easy to use

APPLICATION METHOD

- Make sure that you have the correct size of parachute for the resin capsule diameter.
- Gently force the resin capsule into the open end of the parachute.
- Load the capsule into the capsule gun so that the parachute is on the front end.
- Fire the capsule into the hole.
- Use one parachute for each capsule loaded.

SAFETY INSTRUCTIONS AND LIMITATIONS

Follow guidelines as directed by mine, for personal protective equipment required underground.

PACKAGING AND TRANSPORTATION

Parachutes are supplied in pre-counted plastic bags.

STORAGE AND SHELF LIFE

Avoid prolonged storage in direct sunlight. Do not store near sources of heat. Do not crush.

DISPOSAL

Dispose of as plastic waste.

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