

# Pineapple

## Underground Stemming Plugs

### Data Sheet 64mm prototype

The Pineapple stemming plug is made to be easily installed in upholes or horizontal holes and locks out on its own at any height in the hole. It can be used with single or double primed nonels or electronic detonators.

The Pineapple stemming plug is simple to install, and easily removable in case of a misfire.

Uses include;

- Decking
- Cutting pillars
- Slashing shots
- Blasting in sensitive areas
- Preconditioning / destressing
- Firing orebodies from footwall drives
- Protecting the brow in stoping operations, and
- Increase fragmentation to reduce bogging and milling costs



How it works - the two wedges use the difference in surface area facing the blast and directional friction with the rock to ensure the upper half pistons down against the lower half. As with all stemming, in some instances plugs may be ejected in pieces and with some force. In extremely sensitive situations two plugs may be used with a small separation distance.

Pineapple Stemming plugs are supplied with a misfire retraction hook. Both the Pineapple and the retraction hook are made to screw on to a 1/2" BSP or 3/4" BSP emulsion hose end, or for Anfo you will need an installer pipe. As with all charging operations, broken ground will cause difficulties for installation and retraction.



This version is a 3D printed prototype in preparation for injection moulding and is representative of the final product.

Please Contact-Us through our website at;

<https://www.underground-stemming.com/contact-us>

