Description

Pentex™ Rock Bolt Cutter (RBC) shaped charges are designed to cut rock bolts and rebar (up to 25 mm). Pentex™ Rock Bolt Cutter (RBC) is a 90 gm shaped charge.

Benefits

- Easy to attach
- Simple to prime
- Designed to cut rebar up to 25 mm in diameter
- Manufactured with positive action locking grips for securing to bolts
- Cost effective

Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pentex™ Rock Bolt Cutter (RBC)</td>
<td>90 gm (3.2 oz)</td>
</tr>
<tr>
<td>Diameter</td>
<td>46.4 mm (1.83 in)</td>
</tr>
<tr>
<td>Length</td>
<td>114.5 mm (4.51 in)</td>
</tr>
<tr>
<td>Density</td>
<td>1.6 g/cc</td>
</tr>
<tr>
<td>Velocity of Detonation</td>
<td>7,600 m/s (24,934 ft/s)</td>
</tr>
<tr>
<td>Explosive Composition</td>
<td>60/40 – PETN/TNT</td>
</tr>
<tr>
<td>Water Resistance</td>
<td>Excellent</td>
</tr>
<tr>
<td>Tunnel Arrangement</td>
<td>One blind detonator well</td>
</tr>
</tbody>
</table>

Initiation and Handling

Pentex™ Rock Bolt Cutter (RBC) is recommended to be primed ONLY with an instantaneous nonelectric detonator. The detonator must be firmly push into the detonator well and than secure the tube under the retaining hook.

To Prime with Cordtex™ B-Line detonating cord: Unsnap the top assembly, insert the B-Line through the well and make a sufficiently large knot so that it will not slip out through the well. Snap the top assembly into place. The upper locking groove should engage and hold the top assembly in place so that there is firm contact between the B-Line knot and the explosive core.

Warning:

1/ Ensure that the work area is free of “loose” before entering and installing Pentex™ Rock Bolt Cutter (RBC).
2/ Pentex™ Rock Bolt Cutter (RBC) are designed to be used with nonelectric instantaneous detonator assemblies. DO NOT use safety fuse assemblies or delay detonators when firing more than one at a time.

Packaging

Pentex™ Rock Bolt Cutter (RBC) shaped charges are packed in fiberboard cases.

<table>
<thead>
<tr>
<th>Product</th>
<th>Quantity Per Case</th>
<th>Weight per case (lb/kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pentex™ Rock Bolt Cutter (RBC)</td>
<td>40</td>
<td>12.0 lb/6.5 kg</td>
</tr>
</tbody>
</table>
Storage
Shaped charges are high explosives. For best results, store under moderate temperatures and dry conditions in a well ventilated, approved explosives magazine.

Shelf Life
If stored and handled properly, the shelf life of Pentex™ Rock Bolt Cutter (RBC) shaped charge is unlimited.

Hazardous Materials Shipping Description
Charges, Shaped
Class and Division 1.1D,
UN 0059, PG II

Distributed to Orica by BST Manufacturing, Inc.
924 Hawaii Avenue, Minden, LA 71055 USA

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Emergency Contact Telephone Numbers
For chemical emergencies (24 hour) involving transportation, spill, leak, release, fire or accidents:
Canada: Orica Canada emergency response 1-877-561-3636
USA: Chemtrec 1-800-424-9300

For lost, stolen or misplaced explosives:
USA: BATFE 1-800-800-3855. Form ATF F5400.0 must be completed and local authorities (state / municipal police, etc) must be advised.