### 3.375 in RDX Big Hole 14.05g Shaped Charge

<table>
<thead>
<tr>
<th>Part No.: 100008251</th>
<th>Proper Shipping Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE Certificate No.: CE0519, ENB/B/035</td>
<td>UN0440, CHARGES, SHAPED, 1.4D, PG II</td>
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<tr>
<td>DOT EX No.: EX1996080028</td>
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#### Technical Drawing

1. Case
2. Liner
3. Explosive, booster
4. Explosive, main
5. Paint
6. Glue ring

#### Technical Information

**APPLICATION:**
Shaped charge for oilfield use

**PERFORATING SYSTEM**
SPECIFICATION (w/ hot finished steel):
- Diameter: 3.375 inch (85.73 mm) OD
- Collapse rating: 20,000 psi (1381 bar)
- Tensile rating: 218,000 lb (98,883 kg)

**EXPLOSIVES:**
- Booster: Pure RDX, 1g
- Main load: Desensitized RDX, 13.05 g
- Density: > 1.5 g/cm³

**TEMPERATURE LIMITS:**
- 325 F / 162 C (1 h)
- 260 F / 125 C (24 h)
- 225 F / 107 C (100 h)

**PERFORMANCE:**
- Registered API 19B Section 1 data:
- Manufacturing quality control data:
  - Hole Diameter: 0.62 in (15.75 mm)
  - Penetration: 5.6 in (141.98 mm)

**SHELF LIFE:**
10 years when stored unopened in original packaging. Storage temperature: 0 C / 32 F min 54 C / 130 F max

**DISPOSAL:**
Dispose of product not suitable for oilfield use according to applicable laws and regulations.

#### Packing Information

- Quantity per box: 50 pieces
- Gross weight per box: 7.48 kg (16.5 lb)
- Net weight per box: 5.67 kg (12.5 lb)
- NEC per box: 0.7025 kg
- Box dim: 45.7 x 30.5 x 12.7 cm
- Package type: Trays with desiccant enclosed by vacuum bag, then placed inside fibreboard box.
- Product Designation: HES-APRV-004

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