### 3.375 in RDX BH 23 Gram Shaped Charge

**Part No.:** 100005321  
**CE Certificate No.:** CE0519, ENB/B/035  
**DOT EX No.:** EX1996080028

#### Technical Drawing

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

#### Packing Information

- **Quantity per box:** 50 pieces  
- **Gross weight per box:** 12.24 kg (27 lb)  
- **Net weight per box:** 10.88 kg (24 lb)  
- **NEC per box:** 1.1500 kg  
- **Box dim:** 45.7 x 30.5 x 12.7 cm  
  18 in x 12 in x 5 in  
- **Package type:** Trays with desiccant enclosed by vacuum bag, then placed inside fibreboard box.

**Product Designation:** HES-APRV-004  
**PROPER SHIPPING NAME**  
UN0440, CHARGES, SHAPED, 1.4D, PG II

#### Technical Information

**APPLICATION:**  
Shaped charge for oilfield use.

**PERFORATING SYSTEM SPECIFICATION (w/ hot finished steel):**
- **Diameter:** 3.375 inch (85.7 mm) OD  
- **Collapse rating:** 22,000 psi (1,516 bar)  
- **Tensile rating:** 238,000 lb (107,955 kg)

**EXPLOSIVES:**
- **Booster:** Pure RDX, 2g  
- **Main load:** Desensitized RDX, 21 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:**
- **Manufacturing quality control data:**  
  - **Hole Diameter:** 0.87 in (22.1 mm)  
  - **Penetration:** 4.66 in (118.36 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.

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