# 7 in. SH/LD RDX 56.5g Shaped Charge

<table>
<thead>
<tr>
<th>Part No.: 101212693</th>
<th>PROPER SHIPPING NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE Certificate No.: N/A</td>
<td>UN0059, CHARGES, SHAPED, 1.1D, PG II</td>
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<td>DOT EX No.: EX2000120102</td>
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## Technical Drawing

![Technical Drawing](image)

## Technical Information

### APPLICATION:
Shaped charge for oilfield use

### PERFORATING SYSTEM
SPECIFICATION (w/ cold drawn steel):
- Diameter: 7 inch (177.8 mm) OD
- Collapse rating: 13,000 psi (896.3 bar)
- Tensile rating: 802,000 lbs (363,781 kg)

### EXPLOSIVES:
- Booster: Pure RDX, 1g
- Main load: Desensitized RDX, 55.5 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:
  - Hole Diameter: 1.16 in (29.46 mm)
  - Penetration: 5.00 in (127.0 mm)
- Manufacturing quality control data:
  - Hole Diameter: 1.19 in (30.2 mm)
  - Penetration: 8.3 in (210.8 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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## Packing Information

- **Quantity per box:** 30 pieces
- **Gross weight per box:** 11.75 kg (25.88 lb)
- **Net weight per box:** 9.03 kg (19.9 lb)
- **NEC per box:** 1.695 kg
- **Box dim:** 45.7 x 30.5 x 20.3 cm
  - 18 x 12 x 8 in
- **Package type:** Trays with desiccant enclosed by vacuum bag, then placed inside fibreboard box.

**Product Designation:** 101208428A

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