# 250 DOMINATOR® HNS 1001, 25 G Shaped Charge

**Part No.:** 102326523  
**CE Certificate No.:** CE0519, ENB/B/040  
**DOT EX No.:** EX2012020752

## Technical Information

**APPLICATION:**  
Shaped charge for oilfield use

**PERFORATING SYSTEM SPECIFICATION:** (w/hot finish steel)  
- Diameter: 3.375 inch (85.85 mm) OD  
- Collapse rating: 20,000 psi (1,379 bar)  
- Tensile rating: 218,000 lb (98,883 kg)

**EXPLOSIVES:**  
- Booster: HNS w/ binder, 0.2g ± 0.05  
- Main load: Desensitized HNS, 24.8 g ± 0.1  
- Density: > 1.5 g/cm³

**TEMPERATURE LIMITS:**  
- 500 F / 260 C for 1 h  
- 475 F / 246 C for 24 h  
- 400 F / 237 C for 100 h

**PERFORMANCE:**  
- Manufacturing quality control data:  
  - Hole Diameter: 0.29 in (7.37 mm)  
  - Penetration: 23.4 in (594.4 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.

## Technical Drawing

![Technical Drawing](image)

## Packing Information

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity per box</td>
<td>50 pieces</td>
</tr>
<tr>
<td>Gross weight per box</td>
<td>17.46 kg (38.5 lb)</td>
</tr>
<tr>
<td>Net weight per box</td>
<td>15.06 kg (33.2 lb)</td>
</tr>
<tr>
<td>NEC per box</td>
<td>1.25000 kg</td>
</tr>
<tr>
<td>Box dim</td>
<td>45.7 x 30.5 x 12.7 cm</td>
</tr>
<tr>
<td></td>
<td>18 x 12 x 5 in</td>
</tr>
<tr>
<td>Package type</td>
<td>Trays with desiccant enclosed by vacuum bag, then placed inside fibreboard box with conical cavities facing inward.</td>
</tr>
</tbody>
</table>

**Product Designation:** DP-HNS-025

**PROPER SHIPPING NAME**  
UN0440, CHARGES, SHAPED, 1.4D