## 1.688 in. Millennium Dyna Deep Star™ HMX 8.6g Shaped Charge

<table>
<thead>
<tr>
<th>Part No.</th>
<th>101398891</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE Certificate No.</td>
<td>N/A</td>
</tr>
<tr>
<td>DOT EX No.</td>
<td>EX2005030047</td>
</tr>
</tbody>
</table>

**Technical Information**

**APPLICATION:**
Shaped charge for oilfield use

**PERFORATING SYSTEM SPECIFICATION:**
- Diameter: 1.74 in (44.2 mm) O.D.
- Collapse rating: 15,000 psi (1,034 bar)
- Tensile rating: N/A

**EXPLOSIVES:**
- Booster: Pure HMX, 1g
- Main load: Desensitized HMX, 7.6 g
  - Density: > 1.5 g/cm³

**TEMPERATURE LIMITS:**
- 400 F / 204 C 1 h
- 338 F / 170 C 24 h
- 310 F / 154 C 100 h

**PERFORMANCE:**
Manufacturing quality control data:
- Hole Diameter: 0.29 in (7.37 mm)
- Penetration: 23.40 in (594.37 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**

<table>
<thead>
<tr>
<th>Quantity per box</th>
<th>100 pieces</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gross weight per box</td>
<td>13.38 kg (29.5 lb)</td>
</tr>
<tr>
<td>Net weight per box</td>
<td>11.34 kg (25 lb)</td>
</tr>
<tr>
<td>NEC per box</td>
<td>.86 kg</td>
</tr>
<tr>
<td>Box dim, cm</td>
<td>45.7 x 30.5 x 12.7 cm</td>
</tr>
<tr>
<td>Package type</td>
<td>Trays with desiccant enclosed by vacuum bag, then placed inside fibreboard box.</td>
</tr>
</tbody>
</table>

Product Designation: D00173507 (P/N 101398891)

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