### Technical Drawing

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### Technical Information

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

#### PERFORATING SYSTEM
**SPECIFICATION (w/ cold drawn steel):**
- Diameter: 3.125 inch (80 mm) OD
- Collapse rating: 24,000 psi (1,655 bar)
- Tensile rating: 235,000 lbs (106,594 kg)

#### EXPLOSIVES:
- Booster: Pure HMX, 1g
- Main load: Desensitized HMX, 13 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: .61 in (15.5 mm)
- Penetration: 3.8 in (96.4 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.

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