## Technical Information

### APPLICATION:
Shaped charge for oilfield use

### PERFORATING SYSTEM
**SPECIFICATION** (w/ hot finished steel):
- Diameter: 7 inch (177.8 mm) OD
- Collapse rating: 13,000 psi (896 bar)
- Tensile rating: 802,000 lb (363,781 kg)

### EXPLOSIVES:
- Booster: Pure HMX, 1g
- Main load: Desensitized HMX, 38 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: 1.08 in. (27.4 mm)
  - Penetration: 6.3 in. (160 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.