

# SLOTTED-CHARGE PERFORATING GUN SYSTEM FOR CEMENT SQUEEZE APPLICATIONS



## Perforating with the **DYNAenergetics** Slotted Charge

- Well Abandonment: Channels in the cemented annulus allow migration of fluids or gas.
- Slotted Charge perforation intersects the channels.
- A cement squeeze of the perforated interval will create an impermeable barrier.
- Zonal Isolation: 360° circumferential contact between casing and formation with overlap of the slots.
- Integrates to standard perforating hardware.
- Gun phasing can be adjusted to slot overlap.
- Multiple Casings: Perforation penetration is restricted to the inner lying casing
- Create rectangular slots in inner casing with no damage to outer casing
- Slot dimensions in 3 3/8" slotted gun system shot centralized in 4 1/2" casing
  - Ⓐ = 35-38 mm (1.38" - 1.50")
  - Ⓑ = 7-9 mm (0.28" - 0.35")



## POTENTIAL APPLICATIONS

- Well Abandonment
  - Tubing/Casing Punch
  - Prefrac perforation
- larger area of open flow opposed to conventional puncher charges