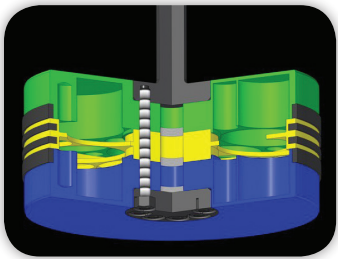


# COMPRESSOR PISTONS & RODS

**ACI engineered OEM equivalent components are available for all piston and rod assemblies. Using modern design techniques, ACI provides these improved alternatives:**

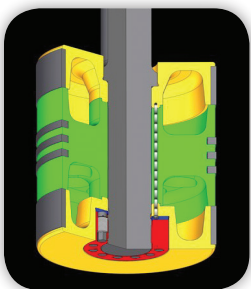


## **SEGMENTAL PISTON & FLANGED PISTON ROD**

- Piston segments & seal elements are removable without disturbing the piston rod to crosshead attachment
- Existing piston rods may be reused for cost savings
- More accurate torques of lesser values is achieved by using multiple studs to attach the piston segments to the piston body and/or the piston to the rod
- Piston end mechanical clearances need not be disturbed
- Robust, radial thickness rider rings provide greater stability
- Riders can be indexed to new bearing arc surface running position

## **MULTI-PIECE PISTON & FLANGED PISTON ROD**

- Complete piston is removable from cylinder without disturbing rod to crosshead attachment
- More accurate torque of lesser values is achieved by using multiple studs to attach the piston to the piston rod flange
- Piston mechanical end clearances need not be disturbed
- Robust, radial thickness rider rings provide greater stability
- Rider Rings easily installed in the open-ended grooves
- Riders can be indexed to a new bearing arc surface running position
- Cost effective replacement of individual piston components



## **MULTI-PIECE PISTON & THRU-BOLT ROD WITH EXACTO TORQUE™ PISTON NUT**

- Can offer the same rider ring features as flanged multi-stud piston attachment
- Piston serviceability is easier than with a one-piece piston design
- The ExactoTorque Piston Nut allows more accurate torque achievement, with readily available torque devices, by distributing the load over multiple fasteners.

**ACI**  
SERVICES

