✓ The Most Efficient Way of Carrying Casing Down-The-Hole
✓ Made of Premium U.S. Steel for Strength & Durability
✓ Innovative, Simple, Yet Proven PASS-THRU Design
✓ Available for Most Hammer Shanks
✓ Superior Technology for Outstanding Performance
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### TECHNICAL OPERATING INSTRUCTIONS

1. **After the Casing Shoe has been welded to the Casing, thread the Ring Bit onto the Casing Shoe/Casing Assembly.**

2. **Lower the Pilot Bit into the Ring Bit, aligning the Vertical Flutes with the Ring Bit Lugs.**

3. **Rotate the Ring Bit clockwise to engage the Lugs into the Pockets in the Pilot Bit. The Pilot Bit should protrude below the bottom of the Ring Bit .5-.75 inch at the point of Lug engagement.**

4. **After drilling to desired depth with Casing and when ready to proceed with Pass-Thru drilling with the Pilot Bit, the Drill String should be rotated counter-clockwise to disengage the Ring Bit Lugs.**

5. **At this point, the Casing/Casing Shoe/Ring Bit Assembly will have to be lifted at least 8 inches, so that the Lugs will clear the Pilot Bit and drilling can continue with the Pilot Bit alone.**

*Above info per Schedule 40 Drill Pipe. Pilot Bit, Ring Bit & Casing Shoe assembly customizable to specifications*