



Internal O-ring/Snap Ring Installation Tool

Automated Industrial Systems has developed a hand held, manually loaded installation tool for placing o-rings and snap rings inside components and assemblies. The rings can be inserted into an internal groove or placed on a shoulder at the bottom of a bore.

The **HSP-1** (o-ring) and **HRP-1** (snap ring) tools are ideal for use with larger components and hard to reach placement positions. They offer the advantage of being able to take the ring to the part.

The operator loads a ring into the magazine and places the barrel on the bore of the part where the ring will be installed. A trigger activates a small air cylinder that pushes the ring through tapered tooling in the barrel where it is compressed. The ring exits the barrel and snaps into place inside the bore.

- Versatile and convenient.
- Pneumatically actuated.
- Low cost.
- Accommodates a variety of sizes and styles.
- Lightweight, 2.5 lbs.
- Can be used in any position.
- Improves quality.
- Increases production rate.
- Ergonomic design reduces operator fatigue.
- Accommodates rings up to 1.00" O.D.



HRP-1 installing snap rings in a jet engine at GE Aviation, Durham, NC

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