



HIGH QUALITY PRECISION CHUCKS

Features

- Internal and External Chucking
- Built-in Cylinder and Draw Bar Operated
- Coolant Thru Available
- Repeatability to .0002 T.I.R.
- Replaceable Jaws to .0005 T.I.R.
- Deep Recess to Minimize Jaw Length
- Rotary or Stationary
- Standard Sizes: 3", 4.75", 5", 6.50", 8", 10.875"
- Specials Available on Request

Models:

- 08 Series
Air Chucks
- 10 Series
Air Chucks
- 20 Series
Air Chucks
- 25M Series
Draw Bar Chucks
- 30 Series
Air Chucks
- 40 Series
Air Chucks
- 55D Series
Draw Bar Chucks
- 80 Series
Air Chucks
- 90 Series
Air Chucks
- 93D Series
Draw Bar Chucks

*Specializing in
Workholding Since 1946*

PRECISION SERIES

StaceAllen
CHUCKS

These STACE-ALLEN PRECISION CHUCKS are workholding devices with built-in air cylinders or draw bar operated. They may be used for stationary or rotary applications. With properly designed jaws, each chuck has the capability to repeat within .0002" TIR or better when jaws are finished in place. Through a linkage system, these models will develop a clamping ratio of approximately 2 to 1 and are rated at 100 PSI operating pressure. Higher pressures may be used with the approval of STACE-ALLEN CHUCKS INC. As the outer dowel pin in each of the links is moved axially by the motion of the piston, push rods, and threaded rings, the three leaves of the actuating arbor are caused to bend in the area of the undercut, causing the jaws to either open or close. Most of the models shown have standard flat backs with a male pilot thus requiring an intermediate adapter to most spindle noses or machine tables. Many special features such as work locators, spring ejectors, double clamping and so on may be added upon request. Unique jaw mounting design allows installation of chuck jaws to accuracies of .0005 T.I.R.

1. STACE-ALLEN CHUCKS are proven — since 1946 — proven in the automotive, aircraft, electrical, instrument, and aerospace industries. Proven in all of the major companies in the United States, other foreign markets, and proven in many industries too numerous to mention.
2. Many of our customers report having no difficulty machining parts to .0001" concentricity using STACE-ALLEN CHUCKS.
3. STACE-ALLEN CHUCKS are designed for use on chucks, lathes (bench, engine, speed, turret, and NC), grinders (internal and external), drilling machines, and multi-axis NC machines. STACE-ALLEN CHUCKS are designed for use as precision workholders either rotating or stationary as in holding fixtures.
4. STACE-ALLEN CHUCKS are used to manufacture transmission and power steering parts, valves and tube fittings, electrical motor covers, pulleys, gears, precision instrument parts, pistons, refrigeration parts, shafts, turbine wheels, etc.

STACE-ALLEN Precision Air Chucks

For Best accuracy and optimum grip force chuck jaws must be finished on a Stace-Allen Chuck.

All Stace-Allen Precision Air Chucks and Precision Holding Fixtures are guaranteed against defective materials and/or workmanship for a period not to exceed ninety (90) days after the date of delivery. Under this Warranty, any and all defective parts shall be replaced without cost or obligation to the purchaser, providing that examination by STACE-ALLEN CHUCKS INC. or their authorized representative, shall disclose that the defective parts were caused by the use of sub-standard materials and/or workmanship, and further providing that the defective chuck or fixture is returned, unaltered, to STACE-ALLEN CHUCKS INC., within the warranty period. This warranty is void if examination discloses the chuck or fixture has been altered or repaired by personnel other than those employed to do so by STACE-ALLEN CHUCKS INC. This warranty is also void if examination discloses that the chuck or fixture has been subjected to misuse, neglect, or damage. No liabilities, agreements, understandings, or warranties either expressed or implied but not specified herein shall be assumed by STACE-ALLEN CHUCKS INC. Nor does STACE-ALLEN CHUCKS INC., authorize any other person (or persons) to assume any other or additional liability in connection with the sale or use of Stace-Allen Precision Air Chucks and/or Holding Fixtures.

PRICES: Subject to change without notice. Prices not shown on Price List, to be binding, must be in writing on regular Quotation Forms. All prices shown are each unless designated otherwise.

TERMS: Net 30 days, F.O.B. Indianapolis, Indiana.

RETURNED GOODS: No merchandise is to be returned for any reason without our written permission. Merchandise returned with permission must be returned to STACE-ALLEN CHUCKS INC.

Terms & Conditions

For A Firm Proposal, Submit Part Prints, Tool Layout and Machine Mounting Information

**Let Us Solve
Your Chucking
Problems**

STACE-ALLEN CHUCKS, INC.

2246-50 West Minnesota Street

Indianapolis, Indiana 46221

317-632-2401

Fax: 317-637-7563