

Tooling Annotations

Aerospace Compression Riveter Alligator Yoke

Choosing the Right C Yoke Riveter:

- Size of rivet to be placed
- Material of rivet (alloy or steel)
- Reach required
- C Yoke or Alligator
- Force required
- Single and double Cylinder

Desoutter Industrial Riveters:

These tools are suitable for high production rates such as those on production/ assembly lines, where high durability is required and the tools are used frequently. Desoutter industrial tools combine the best of quality, durability and ergonomics for your most demanding applications.

The vibration reduced riveting hammer offers the power and control needed to drive 3/8" rivets used in the aircraft industry and other assembly operations.

The unique features of these tools include a progressive 'teasing' throttle for improved controllability. CP Desoutter riveting hammers can also be used for a variety of other operations including chipping, scraping, metal cutting, peening and more.

ToolTip - Hold the front of the tool with one hand and the back of it with your other hand. Place the C around the rivet and press the lever down with your thumb.

CP Rivet Guns and Compression Riveters

Choosing the Right CP Riveter or Rivet Gun:

Rivet guns

- Size of rivet to be placed
- Material of rivet
- Force required
- rivet guns Airframe reference 1X – 9XB
- Chisel Shank
- Weight of tool
- Vibration reduced (V-R) Low vibration or Standard rivet gun (STD)

Compression Riveters

- Size of rivet to be placed
- Material of rivet (alloy or steel)
- Reach required

- C Yoke or Alligator
- Force required
- Single and double Cylinder

Desoutter CP Compression Riveters & Rivet guns:

These Desoutter Compression Riveters & Rivet guns are suitable for high production rates such as those on production/ assembly lines, where high durability is required and the tools are used frequently. Our Desoutter industrial Compression Riveters & Rivet guns combine the best of quality, durability and ergonomics for your most demanding applications.

The vibration reduced riveting hammer offers the power and control needed to drive 3/8" rivets used in the aircraft industry and other assembly operations.

The unique features of these tools include a progressive 'teasing' throttle for improved controllability. CP Desoutter riveting hammers can also be used for a variety of other operations including chipping, scraping, metal cutting, peening and more.

ToolTip - Grab the Rivet Gun with one hand and when you're ready to use on a rivet, place the head directly over the rivet and pull the trigger.

Angle Head – Shut Off Nutrunner

Nutrunners are used to screw down bolts and nuts at a fast pace on an industrial level. They have an extended reach for easy access in hard-to-reach applications. Nutrunners allow for low noise and vibrations as well as minimum reaction torque to the operator for ergonomic applicability.

ToolTip - Hold the nutrunner near the top towards the head. MAKE SURE TO NOT TOUCH THE ROTATING PIECE. Apply the head to the bolt or nut you wish to screw down and press the trigger with your other hand.

Deburring Tool

Removing burrs and sharp edges in cross-drilled holes or other difficult to reach surfaces such as undercuts, grooves, slots, or internal holes can be tedious, time consuming, and ergonomically unfriendly. Being able to smooth these inconsistencies out with a deburring tool help reduce these obstructed cross-holes being conduits for fluids, lubricants, and gases. Failure to remove burrs can cause blockage of these passageways as well as lead to part misalignments.

ToolTip - Hold the deburring tool towards the top near the head for control while gripping the back of the tool with your other hand. Place the deburring tool within a cross-hole that needs smoothed out and press the button/lever with your thumb.

Torque Wrench

Torque wrenches are used to control and apply specific torque to fasteners like a bolt or nut. This allows for the right amount of torque to be applied when manipulating the fastener such that it does not strip it while also being able to comfortably tighten or loosen the fastener.

Tool Tip - Grip the torque wrench near the head for control while using your other hand to grip the handle at the bottom. Place the wrench head over the fastener you're looking to manipulate and adjust the torque wrench to tightening or loosening depending on your need. Adjust the torque applied to the fastener and press the button to operate the manipulation.

Pneumatic Air Tappers

Hand-held pneumatic air tappers are used for manual machine tapping in order to create threaded bores within flat or cross-drilled holes. This allows for threaded holes to host fasteners if a part needed to be assembled or held together using a fastener.

Tool Tip - Grab the tapper by the handle using one hand and with your other hand, grab the tool near the head for control. Apply the piece attached to the head at the mouth of a hole you wish to tap. Press the trigger to tap the hole. Once you have finished, use the reverse button to remove the tap from the hole without stripping the thread.

Collet Grinders

Collet Grinders, or Chucks, is a specific type of chuck that forms a collar around an object to be held. It exerts a strong clamping force on the object when it is tightened, usually by means of a tapered outer collar.

Tool Tip - Grab the grinder at the base with one hand and use your other hand to hold onto the handle for control. Point the handle upward and the grinder away from you. Apply the head of the collet grinder to a machine part and press the trigger.