



# ***Aircraft Riveters & Air Hammers***

One American female worker drives rivets into an aircraft while another sits in the cockpit on the U.S. home front during World War II. (Harold M. Lambert/Getty Images)

In memory of Rosalind P. Walter, the original Rosie the Riveter 1924-2020

***Call Today to Order • 800-521-8104***



MP-2XBUS-ST



MP-5X-ST



MP-3X-ST



MP-4XBUS-ST

## Medium-Duty Rivet Hammers

These rivet hammers are among the most popular for aircraft riveting. Easily controlled, slow, heavy blows deliver just the right impact to form the rivet head without excessive work hardening of the rivet or stretching the

surrounding metal. Also handy for light chipping, scraping, metal cutting, peening and other hammering applications. All riveters are equipped with quick change and beehive retainer springs and feature removable front bushings.

Model	Grip	Shank Dia.	Dural Capacity	Steel Capacity	Bore & Stroke	Blows Per Minute	Length	Weight	Air Inlet Thread	Rec'd Hose	Avg. Air Consumption
MP-1X-ST MP-1XBUS-ST	Offset Button	0.401	5/32"	1/8"	9/16" x 1-3/8"	2850	4-1/2" 6-5/16"	2.2 lbs	1/4"	3/8"	10.6 cfm
MP-2X-ST MP-2XBUS-ST	Offset Button	0.401	1/8"	3/32"	1/2" x 2-1/4"	2580	6" 8"	2.7 lbs 2.0 lbs	1/4"	3/8"	4 cfm
MP-3X-ST MP-3XBUS	Offset Button	0.401	3/16"	5/32"	1/2" x 2-7/8"	2160	6-7/8" 8-5/8"	2.3 lbs 2.5 lbs	1/4"	3/8"	4 cfm
MP-4X-ST MP-4XBUS-ST	Offset Button	0.401	1/4"	3/16"	1/2" x 3-1/16"	1740	7-11/16" 9-5/8"	3.1 lbs 2.5 lbs	1/4"	3/8"	4 cfm
MP-5X-ST MP-5X-ST-401	Offset	0.498 0.401	1/4"	1/4"	3/4" x 2-11/16"	1600	8"	4.75 lbs	1/4"	3/8"	6 cfm
MP-7X-ST MP-7X-ST-401	Offset	0.498 0.401	3/8"	5/16"	3/4" x 5-13/16"	900	11"	5.7 lbs	1/4"	3/8"	6 cfm
MP-9X-ST MP-9X-ST-401	Offset	0.498 0.401	5/16"	1/4"	3/4" x 3-7/8"	1140	10"	5.1 lbs	1/4"	3/8"	6 cfm

### Optional Handles



Offset



Button

### Medium-Duty Rivet Hammer Kits

Kits Include: Specified tool, 4 piece rivet set, 1 flush set, brass regulator and retainer springs



MP-1X-ST-KIT



MP-2X-ST-KIT



MP-3X-ST-KIT



MP-4X-ST-KIT



MP-20X



MP-30XG



MP-70XG



MP-90X

## Heavy-Duty Rivet Hammers

These rivet hammers are among the most popular for aircraft riveting. Easily controlled, slow, heavy blows deliver just the right impact to form the rivet head without excessive work hardening of the rivet or stretching the surrounding metal. Also handy for light chipping, scraping,

metal cutting, peening and other hammering applications. All riveters are equipped with quick change and beehive retainer springs and feature removable front bushings. **Note: 0.498 shank tools can be converted to 0.401 shank by installing HG-50215.401 special bushing.**

Model	Grip	Shank Dia.	Dural Capacity	Steel Capacity	Bore & Stroke	Blows Per Minute	Length	Weight	Air Inlet Thread	Rec'd Hose	Avg. Air Consumption
MP-20X MP-20XG	Offset Pistol	0.401	1/8"	3/32"	1/2" x 2-1/4"	2580	6" 9-3/16"	2.7 lbs 3.88 lbs	1/4"	3/8"	4 cfm
MP-30X MP-30XG	Offset Pistol	0.401	3/16"	5/32"	1/2" x 2-7/8"	2160	7-5/16" 10-13/16"	2.3 lbs 4.0 lbs	1/4"	3/8"	4 cfm
MP-40X MP-40XG	Offset Pistol	0.401	1/4"	3/16"	1/2" x 3-1/16"	1740	8-5/16" 10-13/16"	2.75 lbs 4.5 lbs	1/4"	3/8"	4 cfm
MP-50X MP-50XG	Offset Pistol	0.498	1/4"	1/4"	3/4" x 2-11/16"	1600	8-15/16" 12-3/4"	4.75 lbs 7.0 lbs	1/4"	3/8"	6 cfm
MP-70X MP-70XG	Offset Pistol	0.498	3/8"	5/16"	3/4" x 5-13/16"	900	11-15/16" 14-1/2"	6.0 lbs 8.25 lbs	1/4"	3/8"	6 cfm
MP-90X MP-90XG	Offset Pistol	0.498	5/16"	1/4"	3/4" x 3-7/8"	1140	10" 13-3/8"	5.1 lbs 6.95 lbs	1/4"	3/8"	6 cfm

### Optional Handles



Offset  
(20, 30, 40)



Offset  
(50, 70, 90)



Pistol  
(Gooseneck)

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**701R-18A**  
Round



**701R-18B**  
Flat

## **MP-701R-GP**

### **Pin Riveter**

Used for fine riveting applications, including rivets smaller than 1/16". Can also be used for seating press-fit drive studs, drive screws and spring pins. Includes 1 flat head and 1 round rivet set, suspension bail and beehive retainer.

Rivet Capacity	Stroke	Bore	Blows Per Minute	Length	Weight	Air Inlet Thread	Rec'd Hose Size	Avg. Air Consumption
1/16"	1-1/8"	3/8"	5400	6-3/4"	.88 lbs	1/4"	3/8"	3 cfm





## One Shot Hammers

One shot hammer for delicate operations requiring lower power, including the insertion of pins, bushings, collar caps, oil seals, etc. Each lever pull delivers a single blow of precise power. The force of the hit can be regulated by adjusting the air pressure.

### Replacement Parts

- RH8023 Snap Rivet Retainer
- RH8029 Snap Rivet
- RH100Z-28 Snap Rivet Retainer
- RH100Z-29 Snap Rivet Ring
- PHT-0019 Anvil

Model	Power	Length	Weight	Air Inlet Thread	Rec'd Hose Size	Avg. Air Consumption
MP-RH25	0.23 kgf-m	8-3/8"	2.0 lbs	1/4"	3/8"	0.008 cf/stroke
MP-RH80	0.32 kgf-m	10"	2.86 lbs	1/4"	3/8"	0.023 cf/stroke
MP-RH90	0.60 kgf-m	12-7/8"	3.53 lbs	1/4"	3/8"	0.042 cf/stroke
MP-RH100Z	0.90 kgf-m	12-23/32"	4.63 lbs	1/4"	3/8"	0.053 cf/stroke
MP-RH200	1.18 kgf-m	13-1/2"	4.63 lbs	1/4"	3/8"	0.062 cf/stroke



## MP-PRT20B

### One Shot Hammer

Straight one shot hammer with quick change retainer designed to insert roll and spring pins with one blow. Features a bail type hanger and ball type retainer. Special chisels can be manufactured with different length ball grooves to increase the travel distance or throw of the chisel. Equipped with blank chisel.

Piston Stroke	Bore	Shank Diameter	Power	Length	Weight	Air Inlet Thread	Rec'd Hose Size	Avg. Air Consumption
3-1/4"	1"	3/8"	0.70 kgf-m	11-3/8"	3.85 lbs	1/4"	3/8"	0.025 cf/stroke



PHT-0019  
Blank Chisel



## MP-PHT10B

### One Shot Hammer

Pistol one shot hammer with quick change retainer. Features a bail type hanger and ball type retainer. Special chisels can be manufactured with different length ball grooves to increase the travel distance or throw of the chisel. Equipped with blank chisel.

Piston Stroke	Bore	Shank Diameter	Power	Length	Weight	Air Inlet Thread	Rec'd Hose Size	Avg. Air Consumption
3-1/4"	1"	3/8"	0.70 kgf-m	9-3/4"	3.3 lbs	1/4"	3/8"	0.025 cf/stroke



PHT-0019  
Blank Chisel

Call Today to Order • 800-521-8104



MP-5145-ST-KIT

**MP-5145-ST**  
**0.401 Shank Utility Air Hammer**

Light-duty air hammer features cast aluminum handle for rugged applications, light chipping, casting and foundry applications. Aluminum handle provides light weight and long life.

Quick change retainer springs Part No. 897 included.

Kit includes

-  **908** – Muffler Cutter
-  **913** – Blank Chisel
-  **911** – Tapered Punch
-  **910** – Flat Chisel (3/4" w x 7" l)
-  **909** – Double Bladed Panel Cutter
-  **2N181** – Body Forming Tool

MP-5145-ST-DELUXE-KIT includes 701QCZ Quick Change Retainer.

Stroke	Bore	Blows Per Minute	Length	Weight	Air Inlet Thread	Rec'd Hose Size	Avg. Air Consumption
2-5/8"	3/4"	3200	7-3/8"	3.5 lbs	1/4"	3/8"	4 cfm



MP-1213R-GP-KIT

**MP-1213R-GP**  
**0.401 Shank Utility Air Hammer**

Light-duty air hammer features cast aluminum handle for rugged applications, light chipping, casting and foundry applications. Aluminum handle provides light weight and long life.

Quick change retainer springs Part No. 897 included.

Kit includes

-  **908** – Muffler Cutter
-  **913** – Blank Chisel
-  **911** – Tapered Punch
-  **910** – Flat Chisel (3/4" w x 7" l)
-  **909** – Double Bladed Panel Cutter
-  **2N181** – Body Forming Tool

MP-1213R-GP-DELUXE-KIT includes 701QCZ Quick Change Retainer.

Stroke	Bore	Blows Per Minute	Length	Weight	Air Inlet Thread	Rec'd Hose Size	Avg. Air Consumption
2-3/4"	3/4"	3000	7-1/2"	2.7 lbs	1/4"	3/8"	7.8 cfm



MP-1224XR-KIT

**MP-1224XR-GP**  
**0.401 Shank Utility Air Hammer**

Medium-duty air hammer features cast aluminum handle for rugged applications, light chipping, casting and foundry applications. Aluminum handle provides light weight and long life. Quick change retainer springs Part No. 897 included.

Kit includes

-  **908** – Muffler Cutter
-  **913** – Blank Chisel
-  **911** – Tapered Punch
-  **910** – Flat Chisel (3/4" w x 7" l)
-  **909** – Double Bladed Panel Cutter
-  **2N181** – Body Forming Tool

MP-1224XR-GP-DELUXE-KIT includes 701QCZ Quick Change Retainer.

Stroke	Bore	Blows Per Minute	Length	Weight	Air Inlet Thread	Rec'd Hose Size	Avg. Air Consumption
3-3/4"	3/4"	2100	8-7/8"	4.4 lbs	1/4"	3/8"	8.2 cfm



MP-121-GP-KIT

## MP-121-GP

### 0.401 Shank Utility Air Hammer

Heavy-duty air hammer features cast aluminum handle for rugged applications, light chipping, casting and foundry applications. Aluminum handle provides light weight and long life. Quick change retainer springs Part No. 897 included.

Kit includes

-  **908** – Muffler Cutter
-  **913** – Blank Chisel
-  **911** – Tapered Punch
-  **910** – Flat Chisel (3/4" w x 7" l)
-  **909** – Double Bladed Panel Cutter
-  **2N181** – Body Forming Tool

Stroke	Bore	Blows Per Minute	Length	Weight	Air Inlet Thread	Rec'd Hose Size	Avg. Air Consumption
2-11/16"	3/4"	2800	6-5/8"	3.75 lbs	1/4"	3/8"	10 cfm

MP-121-GP-DELUXE-KIT includes 701QCZ Quick Change Retainer.



## MP-3108LV-QC

### 0.401 Shank Air Hammer

Features shock and vibration dampening design to reduce operator fatigue. Direct multi-port front exhaust, and heavy-duty steel barrel and piston deliver harder blows and long tool life. Quick change G-118R retainer included.

Stroke	Bore	Blows Per Minute	Length	Weight	Air Inlet Thread	Rec'd Hose Size	Avg. Air Consumption
3"	3/4"	2500	9-1/4"	5.7 lbs	1/4"	3/8"	1.18 cfm



G-118R





**MP-7801S-PIT**  
**Straight Pittsburgh Seam Lock Hammer**

Lightweight, ergonomic straight hammer helps to reduce operator fatigue. Ideal for sealing lock seams in duct work, tubes, doors, panels and other sheet metal fabrication applications.

Stroke	Bore	Blows Per Minute	Length	Weight	Air Inlet Thread	Rec'd Hose Size	Avg. Air Consumption
1-1/2"	1"	4600	13-3/8"	5.3 lbs	3/8"	1/4"	15 cfm



**HG-36137-SFTY**  
Safety Lever



**MP-1224XR-PIT**  
**Pistol Pittsburgh Seam Lock Hammer**

Lightweight, ergonomic pistol grip helps to reduce operator fatigue. Ideal for sealing lock seams in duct work, tubes, doors, panels and other sheet metal fabrication applications.

Stroke	Bore	Blows Per Minute	Length	Weight	Air Inlet Thread	Rec'd Hose Size	Avg. Air Consumption
2-3/4"	1"	3000	11-13/32"	5.3 lbs	1/4"	3/8"	7.8 cfm



**MP-AH15-PHK**  
**Palm Hammer Kit**

Lightweight, push to start, palm-size air hammer replaces a variety of cumbersome hammers. Hammer actuates when the tip comes in contact with the material. Kit comes with all of the tips shown below.

Kit Includes:



Blows Per Minute	Length	Weight	Air Inlet Thread	Rec'd Hose Size	Avg. Air Consumption
1000	3-9/16"	2.2 lbs	1/4"	3/8"	4 cfm



## Planishing Hammer Parts

By popular demand, planishing hammer parts to retrofit to an original unit or to build a new hammer. Use the original style hammer mechanism that delivers 3000 blows per minute.

### Complete Assemblies

Part No.	Description	Tool
P072340CP	Type 1 Short Cylinder Complete	CP-528, CP-522 & CP-529
P074365CP	Type 2 Long Cylinder Complete	CP-524-24 & CP-524-36



### Type 1 Short Planishing Hammer Parts

Part No.	Description
P072340	Short Cylinder, Type 1
P072341	Backhead with Narrow Groove
P072342	Cylinder Coupling Sleeve
P072343	Cylinder Lock Spring
P072344	Cylinder Lock Pin (not shown)
P070805	Piston, Type 1
568-022BN70	O-Ring
568-028BN70	O-Ring (requires 3 pieces)
P070804	Return Spring (not included in assembly)
P070528EH	Exhaust Deflector (not included in assembly)

### Type 2 Long Planishing Hammer Parts

Part No.	Description
P074365	Long Cylinder, Type 2
P074367	Backhead with Wide Groove
P072342	Cylinder Coupling Sleeve
P072343	Cylinder Lock Spring
P072344	Cylinder Lock Pin (not shown)
P074366	Piston, Type 2
568-022BN70	O-Ring
568-028BN70	O-Ring (requires 3 pieces)
P074368	Return Spring (not included in assembly)
P070528EH	Exhaust Deflector (not included in assembly)
P074363	Hammer Case (not included in assembly)

## Planishing Hammer Dies

Form and shape light gauge sheet metal using the same industrial grade tools the professionals use. Our planishing hammer parts and accessories are designed to retrofit to an original planishing hammer or can be used to build a

new unit. The original style hammer mechanism delivers 3000 blows per minute to planish light gauge sheet metal shapes for automobile restoration and race car fabrication. Replacement dies manufactured from S-5 tool steel.

### Polished Dies - Upper



Long stem upper die for some CP units

### Special Lower Die



### Polished Dies - Lower



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## 0.401 Shank Rivet Sets

### Straight Type

Part	"L"
SM10	3-1/2"
SM11	5-1/2"
SM12	7-1/2"
SM13	10-1/2"
SM14	13-1/2"
SM50	3-1/2"



Description	Rivet Diameter						SM50		
	1/16"	3/32"	1/8"	5/32"	3/16"	1/4"	1/4"	5/16"	3/8"
Round AN430	4302	4303	4304	4305	4306	4308	—	43010	43012
Flat AN442	4422	4423	4424	4425	4426	4428	—	44210	44212
Brazier AN455	4552	4553	4554	4555	4556	4558	4558	45510	45512
Mod. Brazier AN456	4562	4563	4564	4565	4566	4568	—	45610	45612
Universal AN470	4702	4703	4704	4705	4706	4708	—	47010	47012
Button AN435	4352	4353	4354	4355	4356	4358	—	43510	43512

For example, to order: 3-1/2" Long; 3/16" Flat, Specify: SM10-4426

## 0.498 Shank Rivet Sets

Part	"L"
SM30	3-1/2"
SM31	5-1/2"
SM32	7-1/2"
SM70	3-1/2"



Description	Rivet Diameter					SM70		
	3/32"	1/8"	5/32"	3/16"	1/4"	1/4"	5/16"	3/8"
Round AN430	4303	4304	4305	4306	4308	—	43010	43012
Flat AN442	4423	4424	4425	4426	4428	—	44210	44212
Brazier AN455	4553	4554	4555	4556	4558	4558	45510	45512
Mod. Brazier AN456	4563	4564	4565	4566	4568	—	45610	45612
Universal AN470	4703	4704	4705	4706	4708	—	47010	47012
Button AN435	4353	4354	4355	4356	4358	—	43510	43512

For example, to order: 3-1/2" Long; 5/32" Universal, Specify: SM30-4705

## Flush Sets



0.401 Shank	0.498 Shank	Diameter	Length
SM90	—	1"	2-1/2"
SM91	SM101	1"	3"
SM92	SM102	1"	5-1/2"
SM93	—	1"	7-1/2"
SM94	SM104	1-1/4"	3"
SM95	—	1-1/4"	5-1/2"
SM96	SM106	1-1/2"	3-1/4"
SM97	SM107	1-3/4"	3-1/4"
SM98	SM108	1-1/8"	2-1/4"
SM99	—	1-1/4"	2-1/4"

**Some rivet/flush sets may require a six-piece minimum order. Please call for availability.**

## Retainer Springs



Beehive



Quick Change

Style	Fits Most 0.401 Shank	Fits Most 0.498 Shank	Fits CP9311, CP9314, CP711, CP714, CP715	Fits AVC26, AVC10-13	Fits Cleco G4, G6, G8
Beehive	895	898	—	—	899
Quick Change	897	896	A046094	897-TW	—

## 701QCZ

### Deluxe Quick Change Retainer

Fits most 0.401 shank automotive tools. Chisel retainer made from high strength steel installs on the tool, no need to thread on and off to change chisels.

Fits: MP-5145-ST, MP-1213R-GP, MP-1224XR-GP, and MP-121-GP.



## Quick Change Safety Retainer

- Safe, fast and easy
- Industry's most popular chisel retainer

The retainer becomes a part of the tool and eliminates the expense and trouble of beehive and quick change springs. Accepts non-turn and turn type tools. Please specify make and model number of hammer when ordering.

### 0.401 Shank:

- 0111 Automotive quality
- 3300 Industrial quality

### 0.498 Shank:

- 3200 Industrial quality



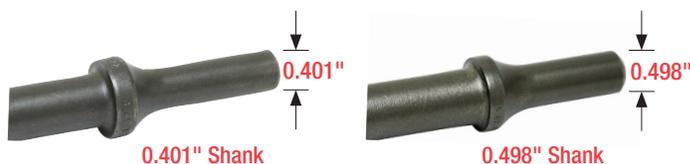
3300-10

Part No.	Shank	Fits Tool
0111	0.401	Fits most Michigan Pneumatic models except MP-1010-F & MP-1020-F
3300-1	0.401	All American Pneumatic, Desouter & Superior, Ingersoll-Rand 121, 132, 772, AV10-12-13, Sioux 270-272
3300-9	0.401	Chicago Pneumatic 9311-9315, 711-715, 2X-4X, 4444, Cleco E3-E4-E15-E16, Craftsman 18800, All Dayton, Ingersoll-Rand 115, 116, 117, MP-2/3/4 and MP-20/30/40
3300-10	0.401	All Florida Pneumatic, Snap-On PH45-PH50
3300-U	0.401	Chicago Pneumatic 9311-9315, 711-715, Cleco E3-E4-E15-E16, Craftsman 18800, All Dayton, Ingersoll-Rand 115, 116, 117, Snap-On PH45-PH50, All Florida Pneumatic
3200-1	0.498	Ingersoll-Rand AVC-26
3200-3	0.498	Chicago Pneumatic 4447-717, 5X-9X, MP-5X-ST and MP-50/70/90X



## Heavy-Duty Industrial Quality Chisels For 0.401 & 0.498 Shank Riveting Hammers

For all air hammers, light riveting hammers, panel cutters and zip guns with 0.401 and 0.498 Parker taper shanks. Made of high grade alloy steel and heat treated for extremely durable service.



\*Please specify size required.

Description	Specify Shank Size	0.401	0.498
7" Chisel Blank		913	963
7" Flat Chisel		910	960
11" Flat Chisel		910-11FC	960-12
18" Flat Chisel		910-18	—
Moil Point		940	2P21
1-1/2" Wide Chisel		910-1.50	960-1.50
Muffler Cutter		908	—
Arvin Muffler Cutter		501	—
Single Bladed Panel Cutter		923PC	—
Double Bladed Panel Cutter		909	959
Spot Weld Breaker		914	—

Description	Specify Shank Size	0.401	0.498
Tail Pipe Cutter		902TP	—
Scraper		905	955
Body Ripper		907	—
Tapered Punch		911	961
Angle Chisel		922	—
Tie Rod Tool		901TR	965TR
Bushing Remover		904	—
Bushing Cutter & Splitter		906	964
Shock Absorber		436	—
Body Forming Tool		2N181	—
Rivet & Bolt Cutter		912	962
Fork Chisel		903-1	968FC

### Non-Sparking 0.401 Shank Chisels

Beryllium copper safety chisels used for scraping and cutting applications where flammable vapors or residues are present.

910-2-BC  
Wide Chisel



909-BC  
Panel Cutter



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## Needle Scaler Attachments

SA0204RNS-A for most standard 0.401 shank air hammers.

**3MMX19** 19pc Replacement Needle Set

**NA-60** For standard 0.498 Shank Riveters.

**3MMX12** 12 pc Replacement Needle Set



## Nail Driving Attachments

Ideal for dry dock, retaining wall, deck, fence and beam construction. Designed to increase production while reducing operator fatigue.

Model	Shank Diameter	Max Nail Head Diameter	Retainer Type	Length	Weight
P042448	0.498	9/16"	Double Spring	2-3/8"	1.13 lbs
SD60-149A		3/4"	Solid Steel w/Nylon Insert	2-3/8"	1.0 lb
P047810		7/8"	Double Spring	2-3/4"	1.25 lbs



P042448



SD60-149A



P047810

## Don't Forget Your Essential Air Tool Gear!

- High-Wear & Consumable Parts
- Air Tool Oil & In-Line Lubricators
- Air Hoses & Whip Hose Assemblies
- Portable FRL's & Moisture Separators
- Safety Lock Cables & Clips

**Accessories**  
Pages 18-5 - 18-14



Air Movers  
(Page 17-5)



Portable FRL's  
(Page 17-4)



Portable Moisture Separator  
(Page 17-3)

## Neoprene Swivel Pigtail Assemblies

With female fitting and male swivel.



Model	Hose Size ID	Length	Fittings
RP0418S RP0436S	1/4"	18" 36"	1/4" NPT
RP0618S RP0624S RP0636S	3/8"	18" 24" 36"	3/8" NPT

## Mini Oilers

These oils thread securely on to the air inlet of the air tool, delivering oil to the tool each time the throttle is actuated.

Model	Material	Thread	Capacity
1414AL	Aluminum	1/4" x 1/4"	5cc
1414BR	Brass	1/4" x 1/4"	5cc
3838BR	Brass	3/8" x 3/8"	7.5cc



1414AL



1414BR



3838BR

## 360° Swivels

Bi-directional 360° rotation universal joint keeps air hoses straight and untwisted. Increases the maneuverability of air tools and decreases operator fatigue.

**922A** – 1/4" NPT (Aluminum) **933ST** – 3/8" NPT (Steel)

**933A** – 3/8" NPT (Aluminum) **944A** – 1/2" NPT (Alum/Steel)

