



Standard & Vibration Reduced Riveting Hammers



Air inlet thread: 1/4" NPT/BSP

| PIC REF | MODEL | PART NUMBER | AIRFRAME REF | BLOW PER MINUTE | BORE & STROKE | CHISEL SHANK OPENING | CAPACITY COLD RIVETS | | WEIGHT | | HOSE INT. Ø | |
|-----------------------------------------------------------|--------------|---------------|--------------|-----------------|---------------------------------|----------------------|----------------------|----------------|--------|-----|-------------|------|
| | | | | | | | Dural | Steel | kg | lb | mm | In. |
| RIVETING HAMMERS (PISTOL GRIP) - STANDARD | | | | | | | | | | | | |
| A | CP4444-RURAB | T022961 | 2X | 2580 | 12.7 x 50.8mm 1/2" x 2" | TYPE 1 0.401" | 3.2mm 1/8" | 2.4mm 3/16" | 1.0 | 2.2 | 10 | 3/8" |
| A | CP4444-RUSAB | T022962 | 3X | 2160 | 12.7 x 76.2mm 1/2" x 3" | TYPE 1 0.401" | 4.8mm 3/16" | 4.0mm 5/16" | 1.1 | 2.3 | 10 | 3/8" |
| A | CP4444-RUTAB | T022963 | 4X | 1740 | 12.7 x 101.6mm 1/2" x 4" | TYPE 1 0.401" | 6.4mm 1/4" | 4.8mm 3/16" | 1.3 | 2.7 | 10 | 3/8" |
| B | CP4447-RUSAB | T022965 | 5XB | 1560 | 19.1 x 68.3mm 3/4" x 2 1/2" | TYPE D 0.498" | 6.4mm 1/4" | 4.8mm 3/16" | 2.2 | 4.7 | 10 | 3/8" |
| B | CP4447-RUTAB | T022912 | 9XB | 1140 | 19.1 x 98.4mm 3/4" x 3 7/8" | TYPE D 0.498" | 7.9mm 5/16" | 6.4mm 1/4" | 2.3 | 5.1 | 10 | 3/8" |
| B | CP4447-RUVAB | T022964 | 7XB | 900 | 19.1 x 147.6mm 3/4" x 5 7/8" | TYPE D 0.498" | 9.5mm 3/8" | 7.9mm 5/16" | 2.7 | 6.0 | 10 | 3/8" |
| RIVETING HAMMERS (PISTOL GRIP) - VIBRATION REDUCED | | | | | | | | | | | | |
| C | CP4450-2 | T025189 | 2X | 2580 | 12.7 x 50.8mm 1/2" x 2" | TYPE 1 0.401" | 3.2mm 1/8" | 2.4mm 3/16" | 1.2 | 2.7 | 10 | 3/8" |
| C | CP4450-3 | T025190 | 3X | 2160 | 12.7 x 76.2mm 1/2" x 3" | TYPE 1 0.401" | 4.8mm 3/16" | 4.0mm 5/16" | 1.3 | 2.8 | 10 | 3/8" |
| C | CP4450-4 | T025191 | 4X | 1740 | 12.7 x 101.6mm 1/2" x 4" | TYPE 1 0.401" | 6.4mm 1/4" | 4.8mm 3/16" | 1.5 | 3.2 | 10 | 3/8" |
| D | CP4475-3 | T025241 | 5XB | 2000 | 19.1 x 76.2mm 3/4" x 3" | TYPE D 0.498" | 6.4mm 1/4" | 4.8mm 3/16" | 1.8 | 3.9 | 10 | 3/8" |
| D | CP4475-4 | T025242 | 9XB | 1700 | 19.1 x 101.6mm 3/4" x 4" | TYPE D 0.498" | 7.9mm 5/16" | 6.4mm 1/4" | 2.4 | 5.3 | 10 | 3/8" |
| D | CP4475-6 | T025243 | 7XB | 1250 | 19.1 x 152.4mm 3/4" x 6" | TYPE D 0.498" | 9.5mm 3/8" | 7.9mm 5/16" | 2.8 | 6.2 | 10 | 3/8" |
| RIVETING HAMMERS (IN-LINE) - VIBRATION REDUCED | | | | | | | | | | | | |
| E | CP4450-S-2 | 205 146 712 4 | 2X | 2580 | 12.7 x 50.8mm 1/2" x 2" | TYPE 1 0.401" | 3.2mm 1/8" | 2.4mm 3/16" | 1.25 | 2.8 | 10 | 3/8" |
| E | CP4450-S-3 | 205 146 713 4 | 3X | 2160 | 12.7 x 76.2mm 1/2" x 3" | TYPE 1 0.401" | 4.8mm 3/16" | 4.0mm 5/16" | 1.35 | 3.0 | 10 | 3/8" |
| E | CP4450-S-4 | 205 146 714 4 | 4X | 1740 | 12.7 x 101.6mm 1/2" x 4" | TYPE 1 0.401" | 6.4mm 1/4" | 4.8mm 3/16" | 1.45 | 3.2 | 10 | 3/8" |



Compression Tools – Riveting



A



B



C



D



E

| PIC REF | MODEL | PART NUMBER | CAPACITY | | | | STANDARD YOKE DIMENSIONS | | | | MAX FORCE | | MOVING PLUNGER FINAL PART OF STROKE AT MAX. FORCE | | | |
|---------|---------------|-------------|----------|------|-------|------|--------------------------|-------|---------------|-------|------------------|--------|---------------------------------------------------|---------|-------------|-------|
| | | | ALUM. | | STEEL | | REACH | | CLOSED HEIGHT | | (90 psi/6.2 bar) | | MAX. TRAVEL | | | |
| | | | mm | in. | mm | in. | mm | in. | mm | in. | kN | lb | mm | in. | mm | in. |
| A | CP0214CELEL* | T012344 | 3.2 | 1/8 | 2.4 | 3/32 | 38.1 | 1 1/2 | 17.5 | 11/16 | 13.35 | 3,000 | 14.3 | 5/8 | 1.3 | 0.050 |
| A | CP0214SETEL** | T023474 | 3.2 | 1/8 | 2.4 | 3/32 | 38.1 | 1 1/2 | 17.5 | 11/16 | 13.35 | 3,000 | 14.3 | 5/8 | 1.3 | 0.050 |
| A | CP0214FALEL* | T013152 | 4.8 | 3/16 | 4.0 | 5/32 | 38.1 | 1 1/2 | 17.5 | 11/16 | 26.70 | 6,000 | 14.3 | 5/8 | 1.6 | 0.063 |
| A | CP0214KETEL** | T023475 | 4.8 | 3/16 | 4.0 | 5/32 | 38.1 | 1 1/2 | 17.5 | 11/16 | 26.70 | 6,000 | 14.3 | 5/8 | 1.6 | 0.063 |
| B | CP0351CUDEL* | T006955 | 4.8 | 3/16 | 4.0 | 5/32 | 54.0 | 2 1/8 | 19.8 | 39/64 | 26.70 | 6,000 | 14.3 | 5/8 | 3.2 | 0.125 |
| B | CP0351FUDEL* | T012606 | 6.4 | 1/4 | 5.6 | 7/32 | 54.0 | 2 1/8 | 19.8 | 39/64 | 53.40 | 12,000 | 14.3 | 5/8 | 3.2 | 0.125 |
| D | CP0341CUDEL** | T022512 | 7.1 | 9/32 | 6.4 | 1/4 | 54.0 | 2 1/8 | 25.4 | 1 | 60.10 | 13,500 | 31.8 | 1 1/4 | Full stroke | |
| C | CP0214ANFEL* | T018671 | 2.4 | 3/32 | 2.4 | 3/32 | 57.1 | 2 1/4 | 22.2 | 7/8 | 9.79 | 2,200 | 11.1 | 7/8 | 2.4 | 0.094 |
| C | CP0214ANGEL* | T018672 | 2.4 | 3/32 | 1.6 | 1/16 | 76.2 | 3 | 22.2 | 7/8 | 8.01 | 1,800 | 31.8 | 1 1/4 | 1.4 | 0.056 |
| C | CP0214ANBEL* | T012343 | 3.2 | 1/8 | 2.4 | 3/32 | 38.1 | 1 1/2 | 22.2 | 7/8 | 13.35 | 3,000 | 15.9 | 5/8 | 1.3 | 0.050 |
| C | CP0214ANGEL* | T018164 | 3.2 | 1/8 | 2.4 | 3/32 | 76.2 | 3 | 22.2 | 7/8 | 15.13 | 3,400 | 31.8 | 1 1/4 | 2.6 | 0.104 |
| E | CP0351ASKEL* | T007773 | 3.2 | 1/8 | 2.4 | 3/32 | 127.0 | 5 | 22.2 | 7/8 | 15.13 | 3,400 | 34.0 | 1 1/2 | 4.8 | 0.188 |
| E | CP0351ASVEL* | T009582 | 3.2 | 1/8 | 2.4 | 3/32 | 232.0 | 9 1/8 | 19.1 | 3/4 | 13.35 | 3,000 | 42.9 | 1 11/16 | 1.6 | 0.063 |
| C | CP0214ENFEL* | T018163 | 4.0 | 5/32 | 3.2 | 1/8 | 57.1 | 2 1/4 | 22.2 | 7/8 | 19.14 | 4,300 | 22.2 | 7/8 | 2.4 | 0.094 |
| E | CP0351ASGEL* | T007783 | 4.0 | 5/32 | 3.2 | 1/8 | 73.0 | 2 7/8 | 22.2 | 7/8 | 23.14 | 5,200 | 15.9 | 5/8 | 3.2 | 0.125 |
| C | CP0214ENBEL* | T018678 | 4.8 | 3/16 | 4.0 | 5/32 | 38.1 | 1 1/2 | 22.2 | 7/8 | 26.70 | 6,000 | 15.9 | 5/8 | 1.6 | 0.063 |
| E | CP0351ESKEL* | T012603 | 4.8 | 3/16 | 4.0 | 5/32 | 127.0 | 5 | 22.2 | 7/8 | 30.26 | 6,800 | 34.0 | 1 1/4 | 4.8 | 0.188 |
| E | CP0351ESREL* | T012604 | 4.8 | 3/16 | 4.0 | 5/32 | 178.0 | 7 | 38.1 | 1 1/2 | 26.70 | 6,000 | 42.9 | 1 11/16 | 4.8 | 0.188 |
| E | CP0351ESVEL* | T012605 | 4.8 | 3/16 | 4.0 | 5/32 | 232.0 | 9 1/8 | 19.1 | 3/4 | 26.70 | 6,000 | 42.9 | 1 11/16 | 1.6 | 0.063 |
| E | CP0351ESGEL* | T012602 | 6.4 | 1/4 | 4.8 | 3/16 | 73.0 | 2 7/8 | 22.2 | 7/8 | 46.28 | 10,400 | 15.9 | 5/8 | 3.2 | 0.125 |



Compression Tools – Sheet Metal Punch



CP0351-PU

- Punching Capacity:
 ø 4.8mm (3/16") in aluminium
 thro 4.8mm (3/16") material thickness
- Actuation throttle guard:
 reduces the risk of accidental operation
- Use for a wide range of punching operations where it is preferable to take the tool to the job.
 e.g. large structures such as truck trailers

Capacity:

Maximum hole is ø 13mm (1/2") relative to material and thickness.
 Within maximum force of 24.0 kN – 5,400 lbs, material thickness should not exceed hole diameter.

To determine force required use formula: $F = 3.14 \times D \times T \times S$

where 'F' is force (lbs); 'D' is hole diameter (in.); 'T' is thickness of material (in.); 'S' is tensile strength of material (psi) or 'F' is force (N); 'D' is hole diameter (mm); 'T' is thickness of material (mm); 'S' is tensile strength of material (N/mm²).

Accessories supplied with tool

| HOLE SIZE IN ALUMINIUM | PUNCH | DIE | COLLAR |
|---------------------------|---------|---------|---------|
| ø 4.8mm (3/16") | P041307 | P043009 | P041309 |
| ø 5.2mm (13/64") | P112836 | P112837 | P112838 |

| MODEL | PART NUMBER | MAX. MATERIAL THICKNESS ALUM. | | HOLE DIAMETER | | MAX. DISTANCE EDGE OF SHEET TO HOLE CENTRELINE | | MAX. PUNCHING FORCE (50 psi/6.2 bar) | | WORK CLEARANCE PUNCH RETRACTED | |
|----------|----------------|-------------------------------------|------|------------------|------|------------------------------------------------------|-------|--------------------------------------------|------|-----------------------------------|-----|
| | | mm | in. | mm | in. | mm | in. | kN | lb | mm | in. |
| CP0351PU | T013417 | 4.8 | 3/16 | 4.8 | 3/16 | 47.6 | 1 7/8 | 24.0 | 5400 | 12.7 | 1/2 |
| CP0351PU | 205 146 721 4 | 4.8 | 3/16 | 5.2 | 3/16 | 47.6 | 1 7/8 | 24.0 | 5400 | 12.7 | 1/2 |



Compression Tools – Edge Former



CP0351-CABH-DY

- Forming Capacity (max material thickness) – \varnothing 6.4mm (1/4")
- Rotary Suspension Bail fitted – eases handling and orientation of tool
- Use for a wide range of flattening of spot welded flanges and removing bends
- Custom yokes and dies can be used for crimping and staking operations
- Automatic cycling frequency is adjustable from 1 cycle per throttle actuation to, up to 200 cycles per minute whilst the throttle actuation is maintained.

Accessories supplied with tool

| | PART NUMBER |
|--------------------------------|-------------|
| • Yoke | P058557 |
| • Die | P058556 |
| • Ball bearing Suspension Bail | P016245 |

| MODEL | PART NUMBER | MAX. MATERIAL THICKNESS ALUM. | | MAX. CYCLES PER MINUTE | REACH | | MAX. COMPRESSIVE FORCE (90 psi/6.2 bar) | |
|----------------|-------------|-------------------------------|-----|------------------------|-------|-----|-----------------------------------------|------|
| | | mm | in. | | mm | in. | kN | lb |
| CP0351-CABH-DY | T020475 | 6.4 | 1/4 | 200 | 14.4 | 7/8 | 26.7 | 6000 |

