

SPECIFICATIONS

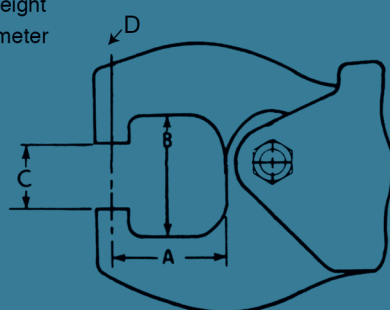
MODEL NO.	CAPACITY COLD RIVET				STANDARD JAW						MOVING JAW				NET WEIGHT WITH JAWS		Length		
	Alum.		Steel		A Reach		B Gap		C Closed Height		Maximum Travel		Max. Force With 90 Pressure	Part of Stroke at Max. Force (Final)		lbs.	kg.	In.	mm
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	pounds	in.	mm			In.	mm
3000A – 1-1/2"	1/8	3.2	3/32	2.4	1-1/2	38	1-5/8	41	7/8	23	5/8	16	3000	1/16	1.6	3-3/4	1.7	25	233
3000A – 2-1/4"	1/8	3.2	3/32	2.4	2-1/4	57	2-1/8	54	7/8	23	7/8	23	2200	3/32	2.4	4-1/4	1.9	25	257
3000A – 3"	3/32	2.4	3/32	2.4	3	76	2-1/8	54	7/8	23	1-1/4	32	1800	1/8	3.2	4-3/4	2.1	26	276
3000A – 3-1/2"	3/32	2.4	3/32	2.4	3-1/2	76	2-1/8	54	7/8	23	1-1/4	32	1800	1/8	3.2	4-3/4	2.1	26	276

PARTS NUMBERS

ITEM	PART NO.	DESCRIPTION	QUAN.
1	190,001	WASHER, THRUST, MAIN BEARING	2
2	040,007	ROLLER, MAIN BEARING, INNER	1
3	040,004	NEEDLE, ROLLER	35
4	120,020	MAIN BEARING, COMPONENTS	1
5	*	(SEE JAWS PARTS LIST)	
6	*	(SEE JAWS PARTS LIST)	
7	160,003	SCREW, ROLLER GUARD	1
8	080,003	GUARD, ROLLER	1
9	120,019	END ROLLER, COMPLETE	1
9A	040,005	ROLLER, OUTER	1
9B	040,004	NEEDLE, ROLLER	29
9C	040,006	END ROLLER, INNER	1
10	220,009	END ROLLER, SHAFT	1
11	190,012	WASHER, THRUST, .750 X .010	4
12	120,005	ASSY WEDGE ROLLER, HEAVY DUTY	2
12a	040,021	ROLLER, OUTER .750 X .470	2
12b	040,020	NEEDLE, ROLLER .0625 X .450	2 X 20
12c	220,002	SHAFT, ROLLER	1
13	120,024	ASSY WEDGE ROLLER COMPLETE	1
14	110,000	HANDLE, THROTTLE, LEVER	1
15	180,002	NUT, BEARING SHAFT	1
16	190,002	WASHER, BEARING BOLT	1
17	050,039	BOLT, BEARING SHAFT	1
18	220,006	SHAFT, BEARING REAR	
19	230,001	C-RING, BEARING SHAFT REAR	2
20	200,005	SPRING, LEAF "MOVING JAW RETURN"	1
21	220,007	PIN, LEAF SPRING	1
22	005,000	HOUSING, CYLINDER, BARE	1
23	200,001	SPRING, INNER "PISTON RETURN"	2
24	200,002	SPRING, OUTER "PISTON RETURN"	2
25	050,012	WEDGE	1
26	050,002	SPACER	1
27	220,005	PIN, FORK	1
28	050,005	FORK	1
29	120,001	ASSY, PISTON	1
30	140,000	LEATHER, PISTON CUP	1
31	190,000	PLATE, PISTON LEATHER, BACKUP	1
32	180,001	NUT, 3/8" X 24, SELF-LOCKING	1
33	100,000	GASKET, CYLINDER HEAD	1
34	120,012	ASSY CYL HEAD W/ SWIVEL COMP	1
35	160,000	SCREW, CYLINDER HEAD	1
36	200,003	SPRING, THROTTLE LEVER	1
37	090,000	LEVER ARM	
38	160,002	SCREW, LEVER ARM	6
39	120,006	ASSY CYL. H.D. (LESS AIR INLET #51)	1
40	050,036	BRUSHING, VALVE SAFETY	1
41	150,010	"O" RING, BUSHING	1
42	030,001	CYLINDER HEAD, BARE	1
43	050,014	VALVE	1

ALLIGATOR NOMENCLATURE

- A Reach
- B Total Yoke Gap
- C Closed Height
- D Hole Diameter



PARTS NUMBERS

ITEM	PART NO.	DESCRIPTION	QUAN.
44	150,000	"O" RING, VALVE	1
45	200,004	SPRING VALVE	
46	150,001	"O" RING, SWIVEL BOLT	1
47	050,031	BOLT, SWIVEL	1
48	150,002	"O" RING, SWIVEL NUT	1
49	050,015	NUT, SWIVEL	1
50	050,030	ELBOW, INLET 1/4" PIPE	1
51	120,007	ASSY SWIVEL	1

JAW PARTS NUMBERS

ITEM	PART NO.	DESCRIPTION	A REACH	D HOLE	QUAN.
5	275,001	JAW, MOVING	1-1/2"	3/16"	1
6	285,001	JAW, STATIONARY	1-1/2"	3/16"	1
5	275,002	JAW, MOVING	1-1/2"	1/4"	1
6	285,002	JAW, STATIONARY	1-1/2"	1/4"	1
5	275,003	JAW, MOVING	2-1/4"	3/16"	1
6	285,003	JAW, STATIONARY	2-1/4"	3/16"	1
5	275,004	JAW, MOVING	2-1/4"	1/4"	1
6	285,004	JAW, STATIONARY	2-1/4"	1/4"	1
5	275,005	JAW, MOVING	3"	3/16"	1
6	285,005	JAW, STATIONARY	3"	3/16"	1
5	275,006	JAW, MOVING	3"	1/4"	1
6	285,006	JAW, STATIONARY	3"	1/4"	1

GP TOOLS

HANDCRAFTED AMERICAN RIVETERS



Model 3000 A COMPRESSION TOOL

Alligator Type



HAND HELD

MANUFACTURING FACILITY

1900 Heyrend Way,
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E-MAIL

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WEBSITE

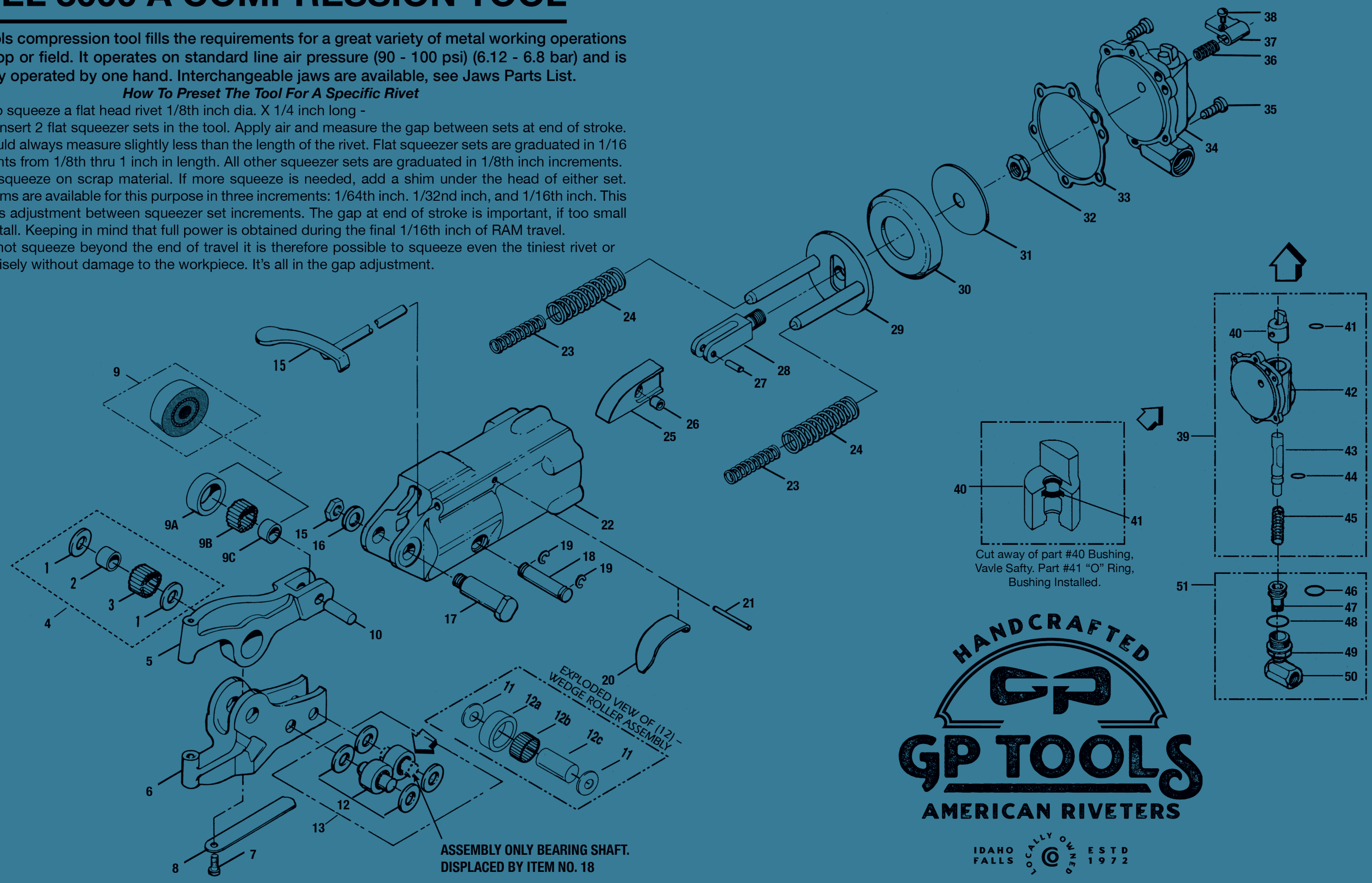
www.gptools.com

MODEL 3000 A COMPRESSION TOOL

This GP Tools compression tool fills the requirements for a great variety of metal working operations either in shop or field. It operates on standard line air pressure (90 - 100 psi) (6.12 - 6.8 bar) and is conveniently operated by one hand. Interchangeable jaws are available, see Jaws Parts List.

How To Preset The Tool For A Specific Rivet

EXAMPLE: To squeeze a flat head rivet 1/8th inch dia. X 1/4 inch long -
 STEP NO.1: Insert 2 flat squeezer sets in the tool. Apply air and measure the gap between sets at end of stroke. This gap should always measure slightly less than the length of the rivet. Flat squeezer sets are graduated in 1/16 inch increments from 1/8th thru 1 inch in length. All other squeezer sets are graduated in 1/8th inch increments. Make a trial squeeze on scrap material. If more squeeze is needed, add a shim under the head of either set. Hardened shims are available for this purpose in three increments: 1/64th inch, 1/32nd inch, and 1/16th inch. This system allows adjustment between squeezer set increments. The gap at end of stroke is important, if too small the tool will stall. Keeping in mind that full power is obtained during the final 1/16th inch of RAM travel. The tool cannot squeeze beyond the end of travel it is therefore possible to squeeze even the tiniest rivet or fastener precisely without damage to the workpiece. It's all in the gap adjustment.



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