



**PLEASE READ AND FOLLOW ALL WARNINGS**



**Universal Tool**

UT8944

**RIVNUT SETTING TOOL**

**Read Operating Instructions**

Always become familiar with all the instructions and warnings before operating any power tool.

**Always Wear Approved Eye Protection**

Impact resistant eye protection should meet or exceed the standards as set forth in the United States ANSI Z87.1, Occupational and Educational Eye and Face Protection. Look for the marking Z87.1 on your eye protection to insure that it is an approved style. For further information, ANSI Z87.1, Occupational and Educational Eye and Face Protection, is available from the American National Standards Institute, Inc., 11 West 42nd Street, New York, NY 10036.

**Hearing Protection is Recommended**

Hearing protection should be used when the noise level exposure equals or exceeds an 8 hour time-weighted average sound level of 85 dBA. Process noise, reflective surfaces, other tools being operated nearby, all add to the noise level present in your work area. If you are unable to determine your noise level exposure, we recommend the use of hearing protection.

**Avoid Prolonged Exposure to Vibration**

Tools can vibrate during use. Prolonged exposure to vibration or very repetitive hand and arm movements, can cause injury. Stop using any tool if discomfort, tingling feeling or pain occurs. You should consult your physician before resuming use of the tool.

**90 PSIG Maximum**

This tool is designed to operate at

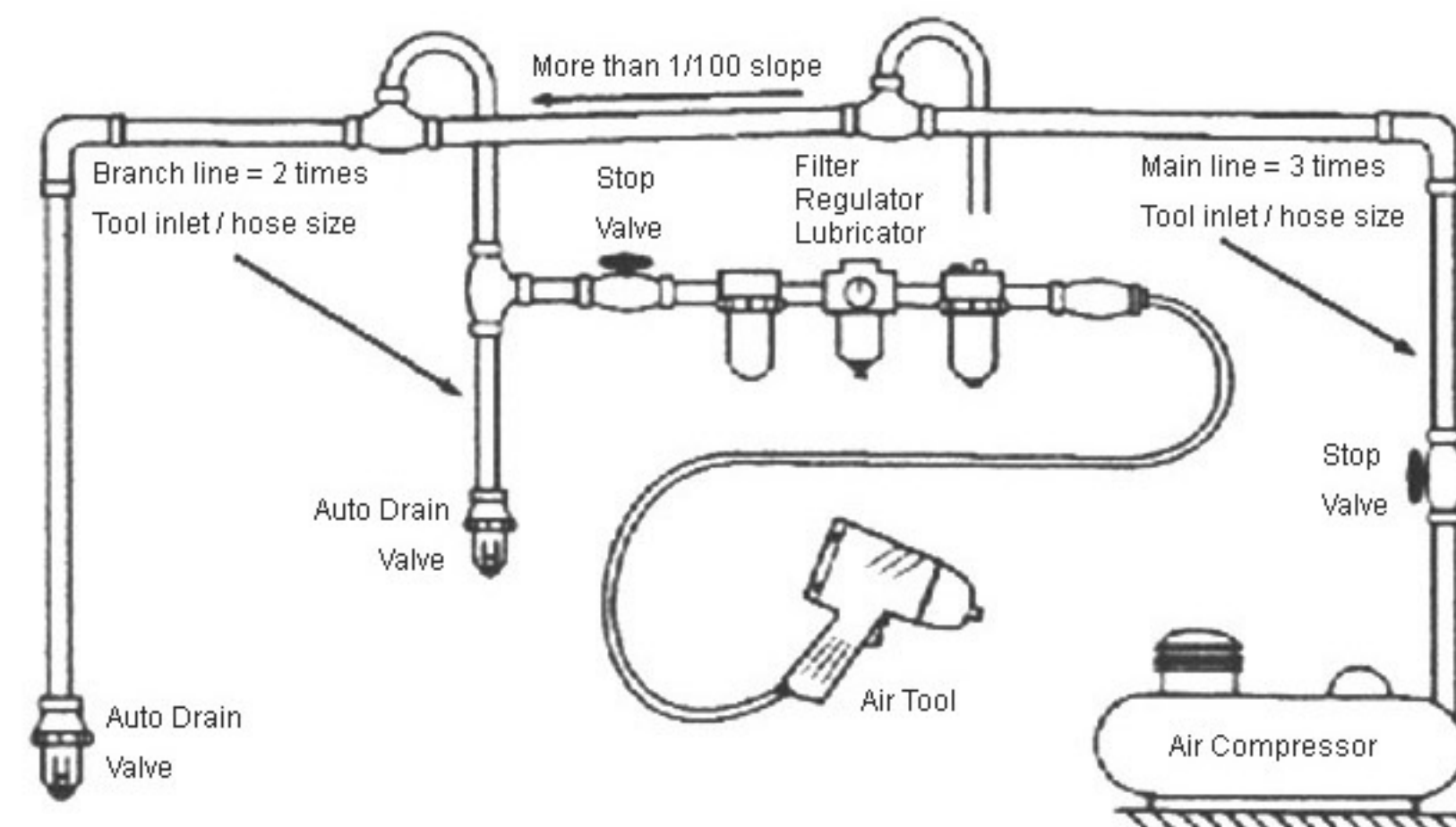
an air pressure of 90 pounds per square inch gauge pressure (90 PSIG) maximum, at the tool. Use of higher air pressure can, and may cause injury. Also, the use of higher air pressure places the internal components under loads and stresses they were not designed for, causing premature failure. The air supply should be clean and dry, preferably lubricated. For best results, drain the moisture from your compressor daily.

**WARNING:**

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints
- Crystalline silica from bricks, cement and other masonry products
- Arsenic and chromium from chemically treated lumber

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area and work with approved safety equipment such as those dust masks that are specially designed to filter out microscopic particles.



**Description**

Universal Tool Air Riveter Nut Tool is designed to set ribbed rivet nuts, hex body rivet nuts, and threaded inserts along with metric M3.M4.M5. 6-32. 8-32. 10-32.



**Safety Instructions**

The following instructions are furnished as general guidelines for use of your pneumatic tool. They cannot comprehensively cover all possible or conceivable uses of the subject tool. For additional information on the safe use of air tools, we advise you to obtain a copy of ANSI B186.1 Safety Code for Portable Air Tools, available from the following source:

American National Standards Institute, Inc.  
11 West 42nd Street  
New York, NY 10036.

The use of the word "shall" in the following instructions, indicates that adherence to the particular requirement is necessary to conform to ANSI B186.1.

**Tool Application and Usage**

Portable tools shall be used only for the purposes intended in their design and within the capacity for which they were intended and rated. It shall be the tool owner's and/or employer's responsibility to instruct each operator in the safe use of the tool. Tools shall not be used without guards and safety

devices as furnished by the manufacturer. Where an air tool is modified or altered, the modifier shall provide the safeguards to enable it to be safely used in the operations intended and to comply with any applicable provisions as contained in ANSI B186.1.

**Tool Installation**

Pressure regulators shall be used to limit air pressure to the rated pressure where the supply pressure exceeds the tool's rated pressure. Air hoses and lines shall be relieved of compressed air before being disconnected or disjointed, unless there is automatic valve closing protection at the joint being separated. Synthetic lubricants which can cause deterioration of elastomer seals shall not be used in air systems of air tools.

**Tool Maintenance**

It shall be the tool owner's and/or employer's responsibility to assure that tools are maintained in a safe operating condition. Tool maintenance and repair shall be performed by authorized, trained, competent personnel. Tools shall be disconnected from their compressed air supply before repairs are attempted. Repairs shall be consistent with the manufacturer's recommended procedures. Tool, hoses and fittings shall be replaced if unsuitable for safe operation. It shall be the tool owner's and/or employer's responsibility to keep required rating markings and warnings on the tool in legible condition.

*Read these instructions carefully before attempting to install, operate or service this Florida Pneumatic product. Failure to comply with the instructions could result in personal injury and/or property damage! Retain these instructions for future reference.*

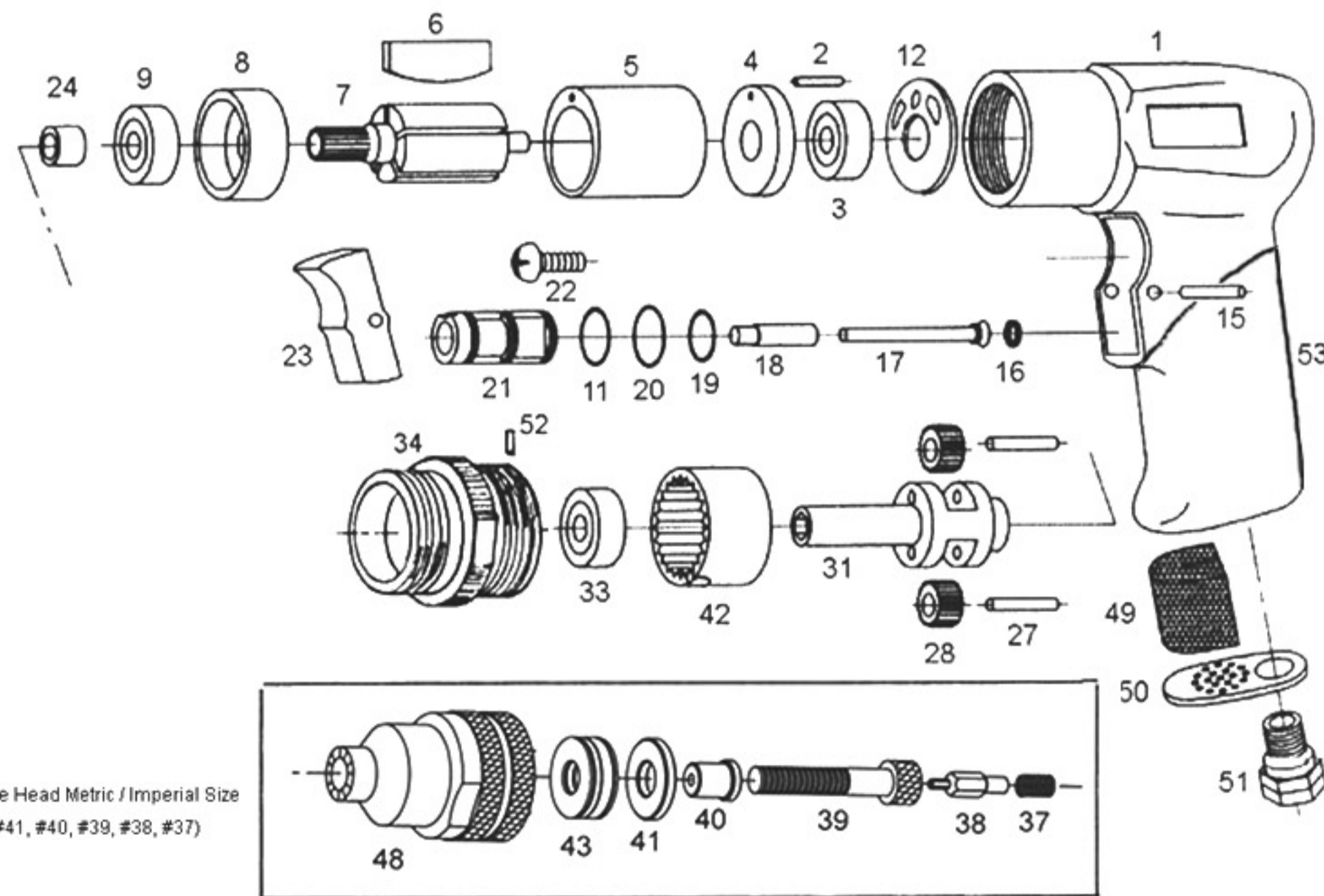
**Universal Tool**

**A Division of Florida Pneumatic Manufacturing Corporation  
851 Jupiter Park Lane, Jupiter, Florida 33458  
Toll Free 1-800-327-9403**

**FPMC**



Max. Rivet Nut Setting Capacity.....	M5 OR 10-32
Free speed (No load).....	1600 RPM
Weight.....	2.3 lbs.
Overall length.....	6.4"
Average air consumption.....	5 CFM
Recommended hose size.....	3/8" I.D.
Air inlet.....	1/4" NPT
Maximum operating pressure.....	90 psi

**Parts Breakdown for UT8944**


\*B\*Type Nose Head Metric / Imperial Size  
 (#48, #43, #41, #40, #39, #38, #37)

**Replacement Parts for UT8944**

Ref.	Description	Part #	Ref.	Description	Part #
1	Motor Housing	9400001	39	Bolt M3	9400039-1
2	Spring Pin	9400002		Bolt M4	9400039-2
3	Ball Bearing	9400003		Bolt M5	9400039-3
4	Rear Plate	9400004		Bolt 6-32	9400039-4
5	Cylinder	9400005		Bolt 8-32	9400039-5
6	Rotor Blade (5)	9400006		Bolt 10-24	9400039-6
7	Rotor	9400007		Bolt 10-32	9400039-7
8	Front Plate	9400008	40	Bushing #3	9400040-1
9	Ball Bearing	9400009		Bushing #4	9400040-2
11	O-Ring (2)	9400011		Bushing #5	9400040-3
12	Motor Gasket	9400012		Bushing 6-32, 8-32	9100040-4
15	Roll Pin	9400015		Bushing 10-24, 10-32	9400040-5
16	O-Ring (2)	9400016	41	Washer #3 - #6	9400041-1
17	Valve Stem (2)	9400017		Washer 6-32, 8-32, 10-24	9400041-2
18	Sleeve (2)	9400018		10-32, 1/4"-20	
19	O-Ring (2)	9400019	42	Internal Gear	9400042
20	O-Ring (2)	9400020	43	Needle Bearing #3 - #8	9400043-1
21	Throttle Bushing (2)	9400021		Needle Bearing 6-32, 8-32	9400043-2
22	Screw	9400022		10-24, 10-32, 1/4"-20	
23	Trigger	9400023		5/16"-18	
24	Needle Bearing	9400024	48	Nut Anvil #3	9400048-1
27	Planet Pin (2)	9400027		Nut Anvil #4	9400048-2
28	Planet Gear (2)	9400028		Nut Anvil #5	9400048-3
31	Planet Cage	9400031		Nut Anvil 6-32	9400048-4
33	Ball Bearing	9400033		Nut Anvil 8-32	9400048-5
34	Screw Housing	9400034		Nut Anvil 10-24, 10-32	9400048-6
37	Spring	9400037	49	Muffler	9400049
38	Hexagon Bit #3	9400038-1	50	Diffuser Exhaust	9400050
	Hexagon Bit #4	9400038-2	51	Air Inlet Bushing	9400051
	Hexagon Bit #5	9400038-3	52	Pin	9400052
	Hexagon Bit 6-32	9400038-4	53	Rubber Sleeve	9400053
	Hexagon Bit 8-32	9400038-5	*	Wrench 34mm	9400054
	Hexagon Bit 10-24	9400038-6	*	Wrench 38mm	9400055
	Hexagon Bit 10-32	9400038-7	(*)	Not Shown	

**Limited Warranty**

Universal Tool warrants its tools to be free from defects in material and workmanship for one year from the date of purchase. This warranty does not apply to tools which have been abused, misused, modified or repaired by someone other than Universal Tool or its authorized service centers. If a Universal Tool proves defective in material of workmanship within one year after purchase, return it to any authorized service center or to Universal Tool, freight prepaid. Please enclose your name, address and adequate proof of purchase date with a brief description of the defect. Universal Tool will, at its option, repair or replace defective tools, free of charge. Repairs or replacements are warranted as described above for the remainder of the warranty period. Universal Tool's sole liability and your exclusive remedy under this warranty is limited to repair or replacement of the defective tool. There are no other warranties expressed or implied and Universal Tool shall not be liable for incidental, consequential or special damages, or any other damages, costs or expense of repair or replacement as described above.