



 **Universal Tool**



Universal Tool

Air Tools for Industry



Universal Tool now offers a wider selection of air tools for industrial and MRO applications. Our headquarters and 65,000 square foot assembly and distribution facility is located in Jupiter, Florida. The Universal Tool U.S. product offering is manufactured at our sister division factory, in Pennsylvania. Other products carrying the UT nameplate are manufactured at partner factories in

Asia, where our concepts of quality and reliability are shared.

The Universal Tool nameplate is a symbol for quality and workmanship with innovative products featuring the latest advances in air tool design.

At Universal Tool, performance proven products and people are something you can trust today and tomorrow.



Table of Contents

Impact Wrenches	4-13
3/8" Impact Wrenches.	5
1/2" Impact Wrenches.	6-7
3/4" & 1" Pistol Impact Wrenches.	8-9
1" Pistol & Straight Impact Wrenches.	10-11
1-1/2" to 2-1/2" Impact Wrenches.	12-13
Percussion Tools	14-20
Needle Scalers	15
Four Bolt Chipping Hammers	16
Bench Rammer and Air Riveting Hammers	17
Air Hammers / Scalers	18
Air Scribes and Engraving Chisels	19
Reciprocating Saws and Files	20
Abrasive and Finishing Tools	21-35
Pencil Grinders and Nibbler	22
Die Grinders / Precision Die Grinders / Router	23-26
Cut-off Tools / Angle Grinder	27
4" and 4-1/2" Angle Grinders 0.75 to 1.0 HP	28
4-1/2", 7" and 9", Angle Grinders 1.3 to 2.5 HP & 4" Flap Wheel Tool.	29
7" and 9" Vertical Grinders 2 and 2.3 HP.	30
6", 7" and 9" Vertical Grinders 3 and 4 HP	31
6" and Cone Wheel Horizontal Grinders 2, 3, & 4 HP	32
5" and 7" Angle Sanders / Vertical Sander.	33
Orbital Sanders	34
Belt Sanders	35
Drills	36-39
1/4" to 1/2" Reversible Drills	37
Production Drills	38
High Torque "D" Handle	39
Aircraft Tools	40-46
Precision Aircraft Drills and Internal Spline Drive Tools.	41-42
Precision Aircraft Drills - Angle and Straight	43
Precision Aircraft Drilling Attachments	44-46
Screwdrivers, Impact Drivers, Hold and Drive Tools and Ratchets	47-53
Positive, Adjustable Clutch and Direct Drive Screwdrivers	48
Screwdrivers / Direct / Auto Shut-Off / Adjustable Clutch	49
Screwdrivers Auto Shut-Off	50
Impact Drivers.	51
Hold & Drive Tools & Accessories	52
Ratchet Wrenches	53
Specialty Tools	54-56
Air-Hydraulic Riveters	54
Air Movers and Jet Fan	55
Hose Reels, Air Hose Assemblies, Air Line Accessories.	56
Accessories	57
Finishing Tool Accessories	57
Percussion Tool Accessories	58-60
Drill Chucks & Accessories.	61
Replacement Grinder Guards and Collet Sets	62
Air Accessories and Couplers.	63
In-line Oilers & Accessories	64-65
Service Center Listings.	66
Safety and Air Tool Tips	67

Impact Wrenches



Impact Wrench Mechanisms

Twin Hammer Design

Two hammers strike balanced blows for more torque than other designs. The simple design offers easy low cost maintenance, and good performance on soft and hard joints. The twin hammer design is less sensitive to air pressure, and ideal for use where air supply fluctuations are prevalent.

Two Jaw Clutch

The highest energy per blow for maximum performance and highest torque to weight ratio. Best choice for steel erection and heavy MRO and excellent for both soft and hard joints.

Ball and Cam Clutch

Converts air motor torque into powerful rotary blows, a time tested design for maximum reliability, and best for very high torque soft joints.

DynaPact® Clutch

This fast high energy clutch offers low vibration and fast run down speed, and is ideal for lighter MRO use.

Single Hammer

This simple design offers easy low cost maintenance and reliability; best suited for lower torque applications.

- The UT line of super duty, heavy duty and standard duty impact wrenches is the widest range of true industrial impact wrenches available. With a selection of hammer mechanisms, drive sizes from 3/8" to 2-1/2", and torque ranges from 25 ft./lb. to 50,000 ft./lb., our line of impact wrenches are up to any job. Our focus on quality and dependability ensures your UT impact wrench will provide constant performance and a long service life.
- Handle design, configuration and weight choices ensure great balance and provide

the best operator comfort possible.

- We use only the highest grade materials, forgings, and heat treatment processes, to meet customer expectations for quality and dependability, in the toughest applications.
- With a wide range of choices and torque capability the UT line of impact wrenches covers the needs for heavy assembly processes, off road vehicle maintenance, steel erection, heavy plant maintenance, petrochemical as well as intermittent MRO uses.

Impact Wrenches

3/8 Inch



UT2025R

UT2025R 3/8" Butterfly Impact Wrench

- Reliable single hammer-70 ft.lb. max. torque
- Paddle throttle for instant direction changes
- Swivel air inlet and regulator for flexibility
- Built-in multi position regulator

Best for: MRO and general Repair



UT8025R-1

UT8025R-1 3/8" Butterfly Impact Wrench

- Reliable single hammer-75 ft.lb. max. torque
- Paddle throttle for instant direction changes
- Swivel air inlet and regulator for flexibility
- Built-in multi position regulator & protective cover
- Precision engineered for added reliability

Best for: Rugged MRO and vehicle service



UT8030R

UT8030R 3/8" Pistol Impact Wrench

- Reliable single hammer-75 ft.lb. max. torque
- Push forward/reverse for single hand operation
- Rubber scuff guard protects work piece and tool nose
- Built-in multi position regulator

Best for: MRO and general repair



**UT8070R-1
UT8070P-1**

UT8070R-1 / UT8070P-1 3/8" Pistol Impact Wrench

- Hard hitting twin hammer-300 ft.lb. max. torque
- Combined reverse and power management switch
- Ergonomic "Softouch" coating and contoured grip
- Steel hammer case for added durability

Best for: Assembly & heavy MRO



**UT8085R
UT8085P**

UT8085R / UT8085P 3/8" Pistol Impact Wrench

- Hard hitting twin hammer-320 ft.lb. max. torque
- Combined reverse and power management switch
- Ergonomic composite housing and grip for lower weight
- Magnesium hammer case for ultimate weight reduction
- Weighs only 2.7 lbs. for reduced operator fatigue

Best for: Assembly & heavy MRO

Model	Working Torque (ft. lb.)	Working Torque Nm	Max Torque (ft. lb.)	Max Torque (Nm)	Speed (RPM)	Anvil	Socket Retainer	Exhaust	Weight (lb.)	Weight (kg)	Length (in.)	Length (mm)	Rec Pressure	Air Inlet (NPT)	Hose (I.D. in.)	Air Cons (cfm)	Average (cfm)
UT2025R	25-50	34-68	70	95	11,000	3/8" Square	Friction Ring	Top	2.4	1.1	6.25	159	90 psi-6.2 bar	1/4"	3/8"	16	7.5
UT8025R-1	25-50	34-68	75	102	11,000	3/8" Square	Friction Ring	Top	2.4	1.1	6.25	159	90 psi-6.2 bar	1/4"	3/8"	16	7.5
UT8030R	25-50	34-68	75	102	10,000	3/8" Square	Friction Ring	Front	2.9	1.3	5.25	133	90 psi-6.2 bar	1/4"	3/8"	16	7.5
UT8070R-1	35-200	48-271	300	406	12,000	3/8" Square	Friction Ring	Handle	3.3	1.5	5.50	140	90 psi-6.2 bar	1/4"	3/8"	20	9.4
UT8070P-1	35-200	48-271	300	406	12,000	3/8" Square	Spring Pin	Handle	3.3	1.5	5.50	140	90 psi-6.2 bar	1/4"	3/8"	20	9.4
UT8085R	35-205	48-278	320	433	12,000	3/8" Square	Friction Ring	Handle	2.7	1.3	5.20	132	90 psi-6.2 bar	1/4"	3/8"	20	9.4
UT8085P	35-205	48-278	320	433	12,000	3/8" Square	Spring Pin	Handle	2.7	1.3	5.20	132	90 psi-6.2 bar	1/4"	3/8"	20	9.4



Impact Wrenches

1/2 Inch



UT2110R-1

UT2110R-1 1/2" Pistol Impact Wrench

- Reliable single hammer-250 ft.lb. max. torque
- Push forward/reverse for single hand operation
- Rubber scuff guard protects work piece and tool nose
- Built-in multi position regulator

Best for: MRO and vehicle service



UT2147R-1

UT2147R-1 1/2" Pistol Impact Wrench

- Smooth-fast Dynapact® clutch-500 ft.lb. max. torque
- Combined reverse and power management switch
- Ergonomic contoured grip
- Steel hammer case for added durability

Best for: Rugged MRO and vehicle service

Model	Working Torque (ft. lb.)	Working Torque Nm	Max Torque (ft. lb.)	Max Torque (Nm)	Speed (RPM)	Anvil	Exhaust	Socket Retainer	Weight (lb.)	Weight (kg)	Length (in.)	Length (mm)	Rec Pressure	Air Inlet (NPT)	Hose (I.D. in.)	Air Cons (cfm)	Average (cfm)
UT2110R-1	35-175	48-237	250	338	7,000	1/2" Square	Front	Friction Ring	5.3	2.4	6.25	159	90 psi-6.2 bar	1/4"	3/8"	25	6.3
UT2147R-1	95-325	129-441	500	677	8,000	1/2" Square	Handle	Friction Ring	5.8	2.6	7.50	191	90 psi-6.2 bar	1/4"	3/8"	26	6.5



UT8120R

UT8120R 1/2" Compact Pistol Impact Wrench

- Hard hitting twin hammer-500 ft.lb. max. torque
- Push button reverse for single hand operation
- Ergonomic composite housing & grip for lower weight
- Only 6.3" long and 3.2 lbs weight

Best for: Assembly & tight access MRO



UT8150R-1 / UT8150P-1

UT8150R-1/ UT8150P-1 1/2" Pistol Impact Wrench

- Hard hitting twin hammer-550 ft.lb. max. torque
- Combined reverse and power management switch
- Ergonomic "Softouch" coating and contoured grip
- Steel hammer case for added durability

Best for: Assembly & heavy MRO



UT8160R-1 / UT8160P-1

UT8160R-1 / UT8160P-1 1/2" Pistol Impact Wrench

- 800 ft-lb Max. Torque
- Weighs only 4.2 lbs
- Compact one handed design
- Combined Built-In power management & reverse/forward switch
- Hard hitting twin hammer
- Handle exhaust
- Composite housing
- Magnesium hammer case
- Triple heat treated alloy steel hammers, anvil & cage
- UT8160R-1 has friction ring retainer and UT8160P-1 has spring pin retainer

Best for: Assembly & heavy MRO

Model	Working Torque (ft. lb.)	Working Torque Nm	Max Torque (ft. lb.)	Max Torque (Nm)	Speed (RPM)	Anvil	Socket Retainer	Exhaust	Weight (lb.)	Weight (kg)	Length (in.)	Length (mm)	Rec Pressure	Air Inlet (NPT)	Hose (I.D. in.)	Air Cons (cfm)	Average (cfm)
UT8120R	100-350	135-470	500	675	9,500	1/2" Square	Friction Ring	Handle	3.2	1.45	6.3	160	90 psi-6.2 bar	1/4"	3/8"	18	4.5
UT8150R-1	105-360	142-488	550	745	7,000	1/2" Square	Friction Ring	Handle	5.8	2.6	7.25	184	90 psi-6.2 bar	1/4"	3/8"	29	7.3
UT8150P-1	105-360	142-488	550	745	7,000	1/2" Square	Spring Pin	Handle	5.8	2.6	7.25	184	90 psi-6.2 bar	1/4"	3/8"	29	7.3
UT8160R-1	120-640	163-870	800	1088	8,000	1/2" Square	Friction Ring	Handle	4.2	1.9	6.75	171	90 psi-6.2 bar	1/4"	3/8"	29	7.3
UT8160P-1	120-640	163-870	800	1088	8,000	1/2" Square	Spring Pin	Handle	4.2	1.9	6.75	171	90 psi-6.2 bar	1/4"	3/8"	29	7.3



Impact Wrenches

3/4 Inch



UT2310R-1

UT2310R 3/4" Pistol Impact Wrench

- Smooth-fast DynaPact® clutch-900 ft.lb. max. torque
- Push forward/reverse for single hand operation
- Rubber scuff guard protects work piece and tool nose
- Built-in multi position regulator

Best for: MRO and vehicle service



UT8340C-2

UT8340C-2 3/4" High Performance Pistol Impact Wrench

- 1300 ft-lb Max. Torque
- Weighs only 11.0 lbs
- Compact one handed design
- Combined Built-In power management & forward/reverse switch
- Refined design twin hammer increases blow efficiency and doubles the life of hammer parts
- Latest design high efficiency motor provides rapid torque build-up
- Handle exhaust
- Softouch coating for comfort
- Steel hammer case for reliability
- Triple heat treated alloy steel hammers, anvil & cage
- Combined friction ring and through hole retainer

Best for: MRO and vehicle service



UT8360C

UT8360C 3/4" Pistol Impact Wrench

- Hard hitting twin hammer-1200 ft.lb. max. torque
- Combined reverse and power management switch
- Ergonomic composite housing and grip for lower weight
- Magnesium hammer case for ultimate weight reduction
- Weighs only 6.2 lbs. for reduced operator fatigue

Best for: Assembly and heavy MRO

Model	Working Torque Ft. lb.	Working Torque Nm	Max Torque (ft. lb.)	Max Torque (Nm)	Speed (RPM)	Anvil	Socket Retainer	Exhaust	Weight (lb.)	Weight (kg)	Length (in.)	Length (mm)	Rec Pressure	Air Inlet (NPT)	Hose (I.D. in.)	Air Cons (cfm)	Average (cfm)
UT2310R-1	160-550	216-746	900	1218	5000	3/4" Square	Friction Ring	Front	11.0	5.0	9.25	235	90 psi-6.2 bar	1/4"	3/8"	35	8.8
UT8340C-2	250-845	340-1150	1,300	1768	6500	3/4" Square	Ring & Through Hole	Handle	11.0	4.1	8.5	216	90 psi-6.2 bar	3/8"	1/2"	40	10.0
UT8360C	226-780	307-1058	1,200	1625	6000	3/4" Square	Ring & Through Hole	Handle	6.2	2.8	8.20	208	90 psi-6.2 bar	3/8"	1/2"	40	10.0



UT7520C-75 / UT7520C-1

UT7520C-75 / UT7520C-1 3/4" & 1" Pistol Impact Wrench

- Hard hitting twin hammer-1100 ft.lb. max. torque
- Pressure feed hammer lubrication for added reliability
- Three piece housing design eases maintenance
- Extra heavy duty steel hammer case for ultimate durability
- Built-in exhaust silencer system for noise control

Best for: Heavy plant & vehicle service



UT7560C-75 / UT7560C-1

UT7560C-75 / UT7560C-1 3/4" & 1" Pistol Impact Wrench

- High energy two jaw clutch-1025 ft.lb. max torque
- Pressure feed hammer lubrication for added reliability
- Three piece housing design eases maintenance
- Extra heavy duty steel hammer case for ultimate durability
- Built-in exhaust silencer system for noise control

Best for: Heavy plant & vehicle service



UT8350C

UT8350C 3/4" Pistol Impact Wrench

- Hard hitting twin hammer-1400 ft.lb. max. torque
- Three piece housing design eases maintenance
- Reliable bolt-on assist handle
- Push button reverse for single hand operation

Best for: Heavy plant & vehicle service

Model	Working Torque (ft. lb.)	Working Torque Nm	Max Torque (ft. lb.)	Max Torque (Nm)	Speed (RPM)	Anvil	Socket Retainer	Exhaust	Weight (lb.)	Weight (kg)	Length (in.)	Length (mm)	Rec Pressure	Air Inlet (NPT)	Hose (I.D. in.)	Air Cons (cfm)	Average (cfm)
UT7520C-75	232-800	315-1086	1,100	1489	5000	3/4" Square	Through Hole	Handle	12.0	5.5	12.50	318	90 psi-6.2 bar	3/8"	1/2"	36	9.0
UT7520C-1	232-800	315-1086	1,100	1489	5000	1" Square	Through Hole	Handle	12.0	5.5	12.50	318	90 psi-6.2 bar	3/8"	1/2"	36	9.0
UT7560C-75	232-800	315-1086	1,025	1388	5700	3/4" Square	Through Hole	Front	11.6	5.3	7.60	193	90 psi-6.2 bar	3/8"	1/2"	35	9.0
UT7560C-1	232-800	315-1086	1,025	1388	5700	1" Square	Through Hole	Front	11.7	5.3	7.60	193	90 psi-6.2 bar	3/8"	1/2"	35	9.0
UT8350C	232-900	340-1620	1,400	2030	4200	3/4" Square	Ring & Through Hole	Front	14.8	6.7	13.0	330	90 psi-6.2 bar	3/8"	1/2"	36	9.0



Impact Wrenches

1 Inch



UT8470C

UT8470C 1" Pistol Impact Wrench

- Hard hitting twin hammer-1900 ft.lb. max. torque
- Three piece housing design eases maintenance
- Steel hammer case increases reliability
- Combined reverse and power management switch

Best for: Heavy plant, heavy MRO and off road vehicle service



UT1010C

UT1010C 1" Straight Impact Wrench

- High ultimate torque three jaw clutch-1350 ft.lb. max. torque
- Pressure feed hammer lubrication for added reliability
- Three piece housing design eases maintenance
- Built-in exhaust silencer system for noise control

Best for: High volume soft pull up joints in assembly



MADE IN USA



UT8480C / UT8480S

UT8480C 1" Straight Impact Wrench

UT8480S #5 Spline Straight Impact Wrench

- Hard hitting twin hammer-2730 ft.lb. max. torque
- Three piece housing design eases maintenance
- Extra heavy duty steel hammer case for ultimate durability
- Combined reverse and power management switch

Best for: Heavy plant, heavy MRO and off road vehicle service

Model	Working Torque (ft. lb.)	Working Torque Nm	Max Torque (ft. lb.)	Max Torque (Nm)	Speed (RPM)	Anvil	Socket Retainer	Exhaust	Weight (lb.)	Weight (kg)	Length (in.)	Length (mm)	Rec Pressure	Air Inlet (NPT)	Hose (I.D. in.)	Air Cons (cfm)	Average (cfm)
UT8470C	300-1500	406-2000	1,900	2572	4000	1" Square	Ring & Through Hole	Handle	19.7	9.0	11.80	300	90 psi-6.2 bar	3/8"	1/2"	44	11.8
UT1010C	276-950	374-1289	1,350	1828	6000	1" Square	Through Hole	Front	20.5	9.3	13.50	343	90 psi-6.2 bar	3/8"	3/4"	59	14.8
UT8480C	500-1800	678-2435	2,730	3696	6600	1" Square	Through Hole	Top	28.0	12.7	17.80	452	90 psi-6.2 bar	3/8"	3/4"	70	17.5
UT8480S	500-1800	678-2435	2,730	3696	6600	#5 Spline	Button	Top	28.0	12.7	17.80	452	90 psi-6.2 bar	3/8"	3/4"	70	17.5



UT1040C / UT1040S

UT1040C 1" Straight Impact Wrench **UT1040S #5 Spline Straight Impact Wrench**

- Hard hitting twin hammer-2000 ft.lb. max. torque
- Pressure feed hammer lubrication for added reliability
- Three piece housing design eases maintenance
- Extra heavy duty steel hammer case for ultimate durability
- Built-in exhaust silencer system for noise control
- 6" Extended Sq. Dr. Anvil available upon request

Best for: Heavy plant, heavy MRO & off road vehicle service



MADE IN USA



UT1011C / UT1011S

UT1011C 1" Straight Impact Wrench **UT1011S #5 Spline Straight Impact Wrench**

- High energy two jaw clutch-2800 ft.lb. max. torque
- Pressure feed hammer lubrication for added reliability
- Three piece housing design eases maintenance
- Extra heavy duty steel hammer case for ultimate durability
- Built-in exhaust silencer system for noise control

Best for: Heavy steel erection, and plant maintenance

UT1011S-OT Available with outside trigger



MADE IN USA

Model	Working Torque (ft. lb.)	Working Torque Nm	Max Torque (ft. lb.)	Max Torque (Nm)	Speed (RPM)	Anvil	Socket Retainer	Exhaust	Weight (lb.)	Weight (kg)	Length (in.)	Length (mm)	Rec Pressure	Air Inlet (NPT)	Hose (I.D. in.)	Air Cons (cfm)	Average (cfm)
UT1040C	464-1600	630-2171	2,000	2708	5,000	1" Square	Through Hole	Front	22.0	10.0	12.40	315	90 psi-6.2 bar	1/2"	3/4"	58	14.5
UT1040S	464-1600	630-2171	2,000	2708	5,000	# 5 Spline	Button	Front	22.0	10.0	12.40	315	90 psi-6.2 bar	1/2"	3/4"	58	14.5
UT1011C	522-1800	708-2443	2,800	3791	5,500	1" Square	Through Hole	Front	22.5	10.2	12.50	318	90 psi-6.2 bar	1/2"	3/4"	47	12.0
UT1011S	522-1800	708-2443	2,800	3791	5,500	# 5 Spline	Button	Front	22.5	10.2	12.50	318	90 psi-6.2 bar	1/2"	3/4"	47	12.0



UT1550C / UT1550S

UT1550C 1-1/2" Straight Impact Wrench UT1550S #5 Spline Straight Impact Wrench

- Hard hitting twin hammer-3000 ft.lb. max. torque
- Pressure feed hammer lubrication for added reliability
- Three piece housing design eases maintenance
- Extra heavy duty steel hammer case for ultimate durability
- Built-in exhaust silencer system for noise control

Best for: Heavy plant, heavy MRO & off road vehicle service with high torque and hard joints



MADE IN USA



UT1520C / UT1520S

UT1520C 1-1/2" Straight Impact Wrench UT1520S #5 Spline Straight Impact Wrench

- High energy two jaw clutch-3500 ft.lb. max torque
- Pressure feed hammer lubrication for added reliability
- Three piece housing design eases maintenance
- Extra heavy duty steel hammer case for ultimate durability
- Built-in exhaust silencer system for noise control

Best for: Heavy plant, heavy MRO & off road vehicle service with high torque and hard and soft joints



MADE IN USA

Model	Working Torque (ft. lb.)	Working Torque Nm	Max Torque (ft. lb.)	Max Torque (Nm)	Speed (RPM)	Anvil	Socket Retainer	Exhaust	Weight (lb.)	Weight (kg)	Length (in.)	Length (mm)	Rec Pressure	Air Inlet (NPT)	Hose (I.D. in.)	Air Cons (cfm)	Average (cfm)
UT1550C	725-2500	984-3393	3,000	4061	3,750	1-1/2" Square	Through Hole	Front	33.0	15.0	14.50	368	90 psi-6.2 bar	1/2"	3/4"	70	17.5
UT1550S	725-2500	984-3393	3,000	4061	3,750	# 5 Spline	Button	Front	33.0	15.0	14.50	368	90 psi-6.2 bar	1/2"	3/4"	70	17.5
UT1520C	725-2500	984-3393	3,500	4738	4,500	1-1/2" Square	Through Hole	Front	33.7	15.3	14.70	373	90 psi-6.2 bar	1/2"	3/4"	60	15.0
UT1520S	725-2500	984-3393	3,500	4738	4,500	# 5 Spline	Button	Front	33.7	15.3	14.70	373	90 psi-6.2 bar	1/2"	3/4"	60	15.0

1-1/2 - 2-1/2 Inch



UT1578C

UT1578C 1-1/2" Straight Impact Wrench

- Ultra reliable precision ball & cam mechanism
- 10,000 ft.lb. max. torque
- Time tested design for ultimate durability
- Designed for vertical suspension
- Second operator assist handle
- Through hole anvil for positive socket retention

Best for: Heavy duty very high torque applications



MADE IN USA



UT2582C / UT2588C

UT2582C 2-1/2" Straight Impact Wrench

- Ultra reliable precision ball & cam mechanism
- 20,000 ft.lb. max. torque
- Time tested design for ultimate durability
- Designed for vertical suspension
- Second operator assist handle
- Through hole anvil for positive socket retention

Best for: Extra heavy duty very high torque applications



MADE IN USA

UT2588C 2-1/2" Straight Impact Wrench

- Ultra reliable precision ball & cam mechanism
- 50,000 ft.lb. max. torque
- Time tested design for ultimate durability
- Designed for vertical suspension
- Second operator assist handle
- Through hole anvil for positive socket retention

Best for: Ultimate duty very high torque applications



MADE IN USA

Model	Working Torque (ft. lb.)	Working Torque Nm	Max Torque (ft. lb.)	Max Torque (Nm)	Speed (RPM)	Anvil	Socket Retainer	Exhaust	Weight (lb.)	Weight (kg)	Length (in.)	Length (mm)	Rec Pressure	Air Inlet (NPT)	Hose (I.D. in.)	Air Cons (cfm)	Average (cfm)
UT1578C	1,595-5,500	2,164-7,464	10,000	13,538	850	1-1/2" Square	Through Hole	Side	88.0	39.1	23.00	584	90 psi-6.2 bar	1/2"	3/4"	110	27.5
UT2582C	2,900-10,000	3,935-13,570	20,000	27,076	830	2-1/2" Square	Through Hole	Side	120.0	54.5	25.40	645	90 psi-6.2 bar	3/4"	1"	110	27.5
UT2588C	7,250-25,000	9,838-33,925	50,000	67,690	355	2-1/2" Square	Through Hole	Side	215.0	97.7	25.40	645	90 psi-6.2 bar	1"	1"	150	37.5

Percussion Tools

Universal Tool offers a complete line of air hammers, scalers and chipping hammers. Many of our percussion tools are made at our plant in Jupiter, Florida utilizing the most advanced engineering and manufacturing processes available.

We have also developed new products to meet the requirements of today's changing market. One such product is our patented line of recoilless needle scalars that provide users with ergonomic benefits unsurpassed in the air tool industry.





Needle Scalers



UT8634

UT8634 Needle Scaler

- Quick release spring for needle replacement
- All steel construction for durability
- Very smooth operation with optimum control
- Works perfectly on uneven surfaces

Best for: Removal of rust, paint and scale on flat or irregular surfaces



UT8635

UT8635 Needle Scaler

- J-slot adjustment for additional needle exposure
- All steel construction for durability
- Converts to B1 style chisel scaler
- Low air consumption for use with limited air supply or multiple tool applications

Best for: Removal of rust, paint and scale on flat or irregular surfaces



UT9912

UT9912 Straight Recoilless Needle Scaler

- Only 3m/s² vibration level to reduce operator fatigue
- All steel construction for durability
- Low air consumption for use with limited air supply or multiple tool applications

Best for: Removal of rust, paint and scale on flat or irregular surfaces



UT9914 / UT9914-2

UT9914 / UT9914-2 Pistol Grip Recoilless Needle Scalers

- Only 3.5m/s² vibration level to reduce operator fatigue
- Supplied with 1/8" or 2mm needles
- High blow frequency for increased production
- Non-metallic vacuum shroud available
- Low air consumption for use with limited air supply or multiple tool applications

Best for: Surface preparation and lead paint abatement

Model	Needle Capacity	Blows per Minute	Bore (in.)	Stroke (in.)	Weight (lb.)	Weight (kg)	Length (in.)	Length (mm)	Rec Pressure	Air Inlet (NPT)	Hose (I.D. in.)	Air Cons (cfm)	Average (cfm)
UT8634	(12) 1/8" x 5"	12,000	1	1	2.5	1.14	9.80	249	90 psi-6.2 bar	1/4"	3/8"	12	3.0
UT8635	(19) 1/8" x 7"	4,600	1	1-1/8	6.0	2.7	15.00	381	90 psi-6.2 bar	1/4"	3/8"	12	3.0
UT9912	(18) 1/8" x 7"	9,000	1	1-1/8	4.3	2.0	12.50	318	90 psi-6.2 bar	1/4"	3/8"	12	3.0
UT9914	(19) 1/8" x 7"	3,400	1	1-1/8	5.8	2.6	11.88	302	90 psi-6.2 bar	1/4"	3/8"	12	3.0
UT9914-2	(38) 2mm x 7"	3,400	1	1-1/8	5.8	2.6	11.88	302	90 psi-6.2 bar	1/4"	3/8"	12	3.0



Four Bolt Chipping Hammers



UT8651R / UT8651H

UT8651R / UT8651H 1" Stroke Chipping Hammers

- Crisp plate valve for extra hard hitting and control
- Ergonomically advanced design for operator comfort
- Heat treated precision cylinder and piston for long life
- Rugged four bolt construction for extra duty
- 7/8"-24 Inlet bushing available upon request

Best for: Foundry plant maintenance and general contractor work



UT8652R / UT8652H

UT8652R / UT8652H 2" Stroke Chipping Hammers

- Crisp plate valve for extra hard hitting and control
- Ergonomically advanced design for operator comfort
- Heat treated precision cylinder and piston for long life
- Rugged four bolt construction for extra duty
- 7/8"-24 Inlet bushing available upon request

Best for: Foundry plant maintenance and general contractor work



UT8653R / UT8653H

UT8653R / UT8653H 3" Stroke Chipping Hammers

- Crisp plate valve for extra hard hitting and control
- Ergonomically advanced design for operator comfort
- Heat treated precision cylinder and piston for long life
- Rugged four bolt construction for extra duty
- 7/8"-24 Inlet bushing available upon request

Best for: Foundry plant maintenance and general contractor work



UT8654R / UT8654H

UT8654R / UT8654H 4" Stroke Chipping Hammers

- Crisp plate valve for extra hard hitting and control
- Ergonomically advanced design for operator comfort
- Heat treated precision cylinder and piston for long life
- Rugged four bolt construction for extra duty
- 7/8"-24 Inlet bushing available upon request

Best for: Foundry plant maintenance and general contractor work

Model	Retainer	Handle Material	BPM	Bore (in.)	Stroke (in.)	Bushing (in.)	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Air Pressure	Intel (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8651R	Oval Collar	Steel	2,450	1-1/8"	2.5"	.680 round	16.0	7.3	12.00	305	90 psi-6.2 bar	3/8"	1/2"	24	6.0
UT8651H	Oval Collar	Steel	2,450	1-1/8"	2.5"	.580 hex	16.0	7.3	12.00	305	90 psi-6.2 bar	3/8"	1/2"	24	6.0
UT8652R	Oval Collar	Steel	2,300	1-1/8"	3.0"	.680 round	17.0	7.7	14.00	356	90 psi-6.2 bar	3/8"	1/2"	26	6.5
UT8652H	Oval Collar	Steel	2,300	1-1/8"	3.0"	.580 hex	17.0	7.7	14.00	356	90 psi-6.2 bar	3/8"	1/2"	26	6.5
UT8653R	Oval Collar	Steel	2,100	1-1/8"	3.75"	.680 round	18.5	8.4	15.25	387	90 psi-6.2 bar	3/8"	1/2"	30	7.5
UT8653H	Oval Collar	Steel	2,100	1-1/8"	3.75"	.580 hex	18.5	8.4	15.25	387	90 psi-6.2 bar	3/8"	1/2"	30	7.5
UT8654R	Oval Collar	Steel	1,700	1-1/8"	4.25"	.680 round	19.5	8.9	16.50	419	90 psi-6.2 bar	3/8"	1/2"	33	8.3
UT8654H	Oval Collar	Steel	1,700	1-1/8"	4.25"	.580 hex	19.5	8.9	16.50	419	90 psi-6.2 bar	3/8"	1/2"	33	8.3



Bench Rammer and Air/Riveting Hammers



UT8666



UT8645-1/UT8646-1



UT8663/8664



UT9925



UT8674-1

UT8666 Bench Rammer



MADE IN USA

- High power to weight ratio
- Heat treated cylinder and piston for durability
- Threaded retainer for quick and easy butt changes
- Easily operated and guided
- 2.5" butt

Best for: Compacting sand, soil & other fibers materials

UT8645-1 / UT8646-1 Air Hammers

- Impact resistant composite handle for reduced weight
- Reliable flip valve design
- Button style trigger for increased control
- 0.401" shank

Best for: Light chipping and sheet metal cutting

UT8663/UT8664 Aero Riveting Hammer

- Precision engineered spool valve for precision control on the job
- Triple heat treated alloy steel cylinder & piston
- Powder coated acrylic coating for insulation
- All metal trigger & throttle valve for durability

Best for: Closing rivets in air frame assembly

UT9925 Recoilless Air Hammer

- Ergonomically advanced low vibration and high frequency design reduces fatigue
- Precision engineered to reduce air consumption and increase reliability
- Compact design for increased access and comfort
- 0.401" shank

Best for: Medium duty chipping and sheet metal cutting

UT8674-1 Air Hammer

- 3/4" piston, 4-5/8" stroke and 0.498" shank for extra heavy duty work
- Positive action trigger and valve increases control
- Precision engineered, heat treated alloy steel cylinder & piston for added reliability & low air consumption

Best for: Heavy chipping, bolt cutting and pin driving

Model	Retainer	BPM	Bore (in.)	Stroke (in.)	Bushing (in.)	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8666	Clamp Screw	1,725	1	2-1/2"	N/A	7.1	3.2	15.25	387	90 psi-6.2 bar	3/8"	1/2"	22	5.5
UT8646-1	Spring	3,700	3/4	2-1/2"	0.401"	2.5	1.1	6.00	152	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8663	Spring	2,160	1/2	2-7/8"	0.401"	2.9	1.3	6.7	170	90 psi-6.2 bar	3/8"	3/8"	28	7.8
UT8664	Spring	1,740	1/2	3-1/16"	0.401"	3.1	1.4	8.9	227	90 psi-6.2 bar	3/8"	3/8"	28	7.8
UT8645-1	Spring	2,600	3/4	2-5/8"	0.401"	3.0	1.4	6.50	165	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT9925	Beehive	3,700	3/4	2-1/2"	0.401"	2.5	1.1	6.00	152	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8674-1	Spring	3,200	3/4	4-5/8"	0.498"	4.4	1.9	7.80	198	90 psi-6.2 bar	1/4"	3/8"	20	5.0



Air Hammers / Scalers



UT8630

UT8630 Scaling Hammer

- Heat treated precision cylinder, piston and retainer for long life
- Rugged all steel construction for added reliability
- Compact design for increased access & comfort
- B1- 1/2" square shank

Best for: Removal of scale, slag & weld spatter in shipyards, foundry and fabrication shops



UT8630LI

UT8630LI Long Reach Scaling Hammer

- Heat treated precision cylinder, piston and retainer for long life
- Rugged all steel construction for added reliability
- 64" Length is ideal for floor and high level work
- B1- 1/2" square shank
- Can be converted to needle scaler

Best for: Ideal for floors and high reach areas, for scale, residue and tile removal



UT9922



UT9922 Recoilless Scaling Hammer

- Only 2 m/s² vibration level to reduce operator fatigue
- Rugged all steel construction for added reliability
- Compact design for increased access and comfort
- 3 sizes of carbide chisels available

Best for: Removal of scale, weld spatter & other residues in shipyards, foundry and fabrication shops



UT8603

UT8603 Triple Head Scaling Hammer

- Heat treated precision cylinder and piston for long life
- Valveless design increases reliability
- Hard wearing replaceable tungsten carbide inserts in each piston
- Handle can be re-positioned to suit application

Best for: Removal of scale, other residues and concrete scabbling

Model	Retainer	BPM	Bore (in.)	Stroke (in.)	Bushing (in.)	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8630	B1	4,600	1	1-1/8	1/2" Sq.	4.50	2.0	9.50	241	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8630LI	B1	4,600	1	1-1/8	1/2" Sq.	12.00	5.5	64.00	1,626	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT9922	Collet	9,000	3/4	1/4	3/8" Sq.	3.25	1.5	8.25	369	0 psi-6.2 bar	1/4"	3/8"	12	3.0
UT8603	NA	3,800		7/8	3 Short Steel	9.20	4.2	15.38	391	90 psi-6.2 bar	1/4"	3/8"	22	5.5



Air Scribes and Engraving Chisels



UT8617

UT8617 Scribe/Engraving Chisel

- Provides sufficient power for engraving & mini chipping applications
- High precision throttle ensures critical control
- Complete with carbide stylus & air hose

Best for: Precision engraving of metals, stone and marble



UT8617K



UT8617K Scribe/Engraving Chisel Kit

- Provides sufficient power for engraving & mini chipping applications
- High precision throttle ensures critical control
- Complete with stylus, flat, round & chisel blanks, air hose and filter connection

Best for: Precision engraving of metals, stone and marble



UT9935

UT9935 Recoilless Air Scribe

- Only 1m/s² vibration for operator comfort and control
- Patented recoilless design provides low vibration and high frequency to reduce operator fatigue
- Complete with carbide stylus & air hose
- Lubrication free

Best for: Metal component identification

Model	Retainer	BPM	Bore (in.)	Stroke (in.)	Bushing (in.)	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8617	Screw	13,500	0.228	0.323	1/8"	0.3	0.1	5.00	127	90 psi-6.2 bar	1/8"	3/16"	1.1	0.3
UT8617K	Screw	13,500	0.228	0.323	1/8"	0.3	0.1	5.00	127	90 psi-6.2 bar	1/8"	3/16"	1.1	0.3
UT9935	Screw	21,000	0.250	0.250	1/8"	0.3	0.1	5.50	140	90 psi-6.2 bar	1/8"	1/8"	1.2	0.3



Reciprocating Saws and Files



UT9930

UT9930 Recoilless Reciprocating Saw

- Patented, ergonomically advanced low vibration & low frequency design reduces fatigue
- Handle rotates 360 degrees for ultimate access & comfort
- Safety lock-off throttle

Best for: Cutting sheet metals, composites and wood



UT8862

UT8862 File

- 1/4" Stroke and 9000 BPM for fast material removal
- Rear exhaust keeps air away from cuttings
- Compact design for increased access and comfort

Best for: Filing of metal



UT9940

UT9940 Recoilless File

- Ergonomically advanced low vibration and low frequency design reduces fatigue
- Handle rotates 360 degrees for ultimate access & comfort
- 1/4" Stroke and 9000 BPM provides smooth and fast material removal

Best for: Repetitive filing as well as metal preparation



UT9160

UT9160 Heavy Duty Reciprocating Saw Kit

- Cuts up to 8" diameter steel pipe
- Complete with two 18 TPI Bahco® blades
- Dual motion 360° x 360° inlet swivel for maximum maneuverability
- Heavy duty adjustable blade guide

Best for: Heavy process plant and boiler maintenance

Model	Retainer	SPM/ RPM	Stroke (in.)	Blade Bushing (in.)	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT9930	Set Screw	9,900	3/16	Std. Blade	2.3	1.0	8.25	210	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8862	Set Screw	9,000	1/4	1/4"	2.3	1.0	7.00	178	90 psi-6.2 bar	1/4"	3/8"	12	3.0
UT9940	Set Screw	9,000	1/4	1/4"	2.3	1.0	7.25	184	90 psi-6.2 bar	1/4"	3/8"	14	3.5
UT9160	Set Screw	1,200	5/8	Std. Blade	5.5	2.5	15.75	400	90 psi-6.2 bar	1/4"	3/8"	22	5.5

Abrasive and Finishing Tools



- The UT line of Industrial Grinders and Sanders has been developed to offer the widest selection of product choices to meet increased market demands for quality, accuracy and dependability; as well as meeting increasing demands for low vibration, temperature insulation and general operator comfort.
- UT Grinders and Sanders feature the highest HP to weight ratios, and modern designs offer built in comfort features such as composite insulated grips, as well as reduced noise and vibration. All UT Grinders fully meet ANSI requirements for guards, spindles, mounting fixtures and spindle run out.
- Our extensive line up covers a range from 0.18 HP precision grinders up to 4.0 HP vertical and horizontal grinders, with choices of steel bodies and angle configurations.
- Our new state of the art UT Palm Sander series offers the lowest noise and vibration levels with choices of orbit pattern size and pad size.
- Various models in the UT Die Grinder and Angle Grinder line feature our "Softouch" coating which provides insulation to the operator, along with reduced vibration, and comfort grip handles.
- We use only the highest grade materials, bearings and precision gears, to meet customer expectations for quality and dependability.
- With a wide range of speed choices, and HP capability the UT line of grinders and sanders are ideal for heavy material removal, precision engineering, automobile, RV industry, furniture, heavy metal fabrication, paint, refinish and MRO uses.



Pencil Grinders and Nibbler



UT8706-2

UT8706-2 Pencil Grinder

- Double front spindle bearing for increased durability and reduced vibration
- Roll throttle and small diameter grip for constant speed and operator control
- Supplied complete with coaxial hose assembly
- Rear exhaust keeps work area clean from cuttings

Best for: Precision grinding in mold and die maintenance



UT8714

UT8714 Pencil Grinder

- Double front spindle bearing for increased durability and reduced vibration
- Roll throttle and small diameter grip for constant speed and operator control
- Supplied complete with coaxial hose assembly
- Rear exhaust keeps work area clean from cuttings

Best for: Precision grinding in mold and die maintenance



UT8708

UT8708 Right Angle Pencil Grinder

- Roll throttle & small diameter grip for constant speed & operator control
- Supplied complete with coaxial hose assembly
- Rear exhaust keeps work area clean from cuttings
- Gearless design reduces maintenance costs
- 70,000 RPM for high speed, precision work

Best for: Precision grinding in mold and die maintenance



UT8600-1

UT8600-1 Nibbler

- 16 Gauge cutting capacity
- Minimum cut radius 3/16" for detail work
- Heavy duty alloy steel anvil & 5 mm punch adds stability when cutting thicker materials
- Composite comfort grip
- Great tool for detail work
- Rear exhaust with internal silencer baffle reduces noise levels

Best for: Detailed cutting of sheet metal

Model	Motor (HP)	Motor (kW)	Max. Wheel Dia. (in.)	Speed (RPM)	Exhaust	Collet Size (in.)	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8706-2	0.25	0.18	1/8"	54,000	Rear	1/8"	0.5	0.2	5.25	133	90 psi-6.2 bar	1/4"	1/4"	16	4.0
UT8714	0.25	0.18	1/8"	70,000	Rear	1/8"	0.4	0.2	4.75	121	90 psi-6.2 bar	1/4"	1/8"	16	4.0
UT8708	0.25	0.18	1/8"	70,000	Rear	1/8"	0.5	0.2	5.90	150	90 psi-6.2 bar	1/4"	1/4"	12	5.7
UT8600-1	0.4	0.29	NA	2,600	Rear	NA	2.1	0.95	7.4	188	90 psi-6.2 bar	1/4"	1/4"	16	4.0



Die Grinders



UT2710

UT2710 Mini Die Grinder

- 0.3 HP Motor
- Compact design & light weight reduce operator fatigue
- Safety lock-off throttle
- Rear exhaust keeps work area clean from cuttings

Best for: General light duty intermittent grinding and deburring



UT2720

UT2720 Die Grinder

- 0.4 HP Motor for extra stall resistance
- Safety lock-off throttle
- Rear exhaust keeps work area clean from cuttings

UT2720K Die Grinder Kit

- Complete with 5 each 1/4" & 1/8" mounted stone sets and 1 each 1/4" & 1/8" collets sets in storage case

Best for: General intermittent grinding and deburring



UT2715

UT2715 Angle Die Grinder

- 0.4 HP Motor for extra stall resistance
- Spiral gear and full bearing design for reliability
- Safety lock-off throttle
- Rear exhaust keeps work area clean from cuttings

Best for: General intermittent grinding in tight access areas



UT8737

UT8737 115° Angle Die Grinder

- 0.65 HP Motor for extra stall resistance
- Safety lock-off throttle
- Rear exhaust keeps work area clean from cuttings
- In-line speed regulator

Best for: Difficult access continuous grinding

Model	Motor (HP)	Motor (kW)	Max. Wheel Dia. (in.)	Speed (RPM)	Exhaust	Collet Size (in.)	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT2710	0.3	0.22	2"	25,000	Rear	1/4"	0.8	0.3	6.00	152	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT2720	0.4	0.29	2"	25,000	Rear	1/4"	1.3	0.6	5.75	146	90 psi-6.2 bar	1/4"	3/8"	18	4.5
UT2715	0.4	0.29	2"	25,000	Rear	1/4"	1.1	0.5	7.50	191	90 psi-6.2 bar	1/4"	3/8"	18	4.5
UT8737	0.65	0.48	2"	20,000	Rear	1/4"	1.4	0.6	7.62	194	90 psi-6.2 bar	1/4"	3/8"	16	4.0



Precision Die Grinders



UT8724



UT8724-12
UT8724-20



UT8724T-20



UT4425-1



UT4425E-1



UT8749ADG

UT8724 Series Die Grinder

- 0.45 HP motor prevents stall when using 2" and 3" sanding discs
- Precision collet
- Precision throttle valve allows control
- Only 78 dBA noise pressure level
- Contoured "softouch" handle
- Precision spiral gears and heavy duty angle head
- Rear exhaust keeps cuttings away from work area

Best for: Precision grinding in die shops, precision engineering shops and aircraft/engine manufacture

- UT 8724T-20 has 1/4" x 20 TPI threaded spindle for use with threaded arbor sanding pads and accessories

UT4425-1 Die Grinder UT4425E-1 (Extended) Die Grinder

New Item

- Precision engineered; with all steel construction for reliability in heavy duty foundry, fabrication shops, shipyards, and petrochemical facilities
- 1.0 HP motor for stall resistance to match the job
- Latest design lock-off throttle for added comfort and ease of activation
- Reliable safety lock-off throttle
- Supplied with Erickson® style precision collet
- Parts interchange with CP® 9113G series

Best for: Super heavy duty grinding applications in foundry, shipbuilding and heavy metal fabrication

- UT4425E-1 has extended length spindle

UT8749ADG

- Unique ultra heavy duty angle head and alloy steel spiral gear & pinion for extra reliability.
- Head height 2.5" from the top of angle head to the face of collet lock nut.
- 1.0 HP motor for added stall resistance.
- Insulated composite grip; reduces weight and operator fatigue, lock-off throttle lever.
- Rear exhaust.
- 1/4" Collet size

Best for: Continuous grinding and sanding 2" & 3" Disc

Model	Motor (HP)	Motor (kW)	Max. Wheel Dia. (in.)	Speed (RPM)	Exhaust	Spindle/Collet Size (in.)	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8724	0.45	0.33	2"	20,000	Rear	1/4"	1.1	0.5	6.5	165	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8724-12	0.45	0.33	2"	12,000	Rear	1/4"	1.2	0.55	6.5	165	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8724-20	0.45	0.33	3"	20,000	Rear	1/4"	1.2	0.55	6.5	165	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8724T-20	0.45	0.33	3"	20,000	Rear	1/4" x 20	1.2	0.55	6.5	165	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT4425-1	1.0	0.73	2"	25,000	Front	1/4"	2.0	0.9	6.25	159	90 psi-6.2 bar	1/4"	3/8"	22	5.5
UT4425E-1	1.0	0.73	2"	25,000	Front	1/4"	3.0	1.4	11.13	283	90 psi-6.2 bar	1/4"	3/8"	22	5.5
UT8749ADG	1.0	0.73	Rated Abrasive	12,000	Rear	1/4" Collet	3.0	1.3	10.5	266	90 psi-6.2 bar	1/4"	3/8"	16	4.0



Precision Die Grinders & Router



UT8728



UT8728E



UT8729-18



UT8728S



UT8728SE



UT8728SE-CW



UT8728RT

UT8728 Die Grinder

UT8728E Extended Die Grinder

- 0.9 HP motor for extra stall resistance
- Safety lock-off throttle
- Rear exhaust keeps work area clean from cuttings
- Precision engineered for added reliability
- Ergonomic "Softouch" coating offers ultimate comfort and reduced vibration

Best for: Continuous heavy duty grinding

UT8729-18 Angle Die Grinder

UT8729-12 Angle Die Grinder

- 0.9 HP motor for extra stall resistance
- Safety lock-off throttle
- Rear exhaust keeps work area clean from cuttings
- Precision engineered for added reliability
- Ergonomic "Softouch" coating offers ultimate comfort and reduced vibration
- Spiral machined bevel and pinion gears for smooth operation and durability

Best for: Continuous heavy duty grinding, & sanding applications using 2" & 3" sanding discs

UT8728S Steel Housing Die Grinder

UT8728SE Extended Steel Housing Die Grinder

- 0.9 HP motor for ultimate stall resistance
- Safety lock-off throttle
- Rear exhaust keeps work area clean from cuttings
- Steel housing and precision engineered for added reliability
- Also available with threaded output spindle for use with cone wheel. (Model UT8728SE-CW)

Best for: Continuous heavy duty grinding in rugged applications

UT8728RT Router

- 0.9 HP motor for extra stall resistance
- Safety lock-off throttle
- Rear exhaust keeps work area clean from cuttings
- Precision engineered for added reliability
- Ergonomic "Softouch" coating offers ultimate comfort and reduced vibration
- 3" diameter; vertically adjustable guide plate

Model	Motor (HP)	Motor (kW)	Max. Wheel Dia. (in.)	Speed (RPM)	Exhaust	Collet Size (in.)	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8728	0.9	0.65	2"	22,000	Rear	1/4"	1.5	0.7	6.10	155	90 psi-6.2 bar	1/4"	3/8"	22	5.5
UT8728E	0.9	0.65	2"	22,000	Rear	1/4"	2.4	1.1	12.00	305	90 psi-6.2 bar	1/4"	3/8"	22	5.5
UT8729-18	0.9	0.65	2"	18,000	Rear	1/4"	1.6	0.7	7.40	188	90 psi-6.2 bar	1/4"	3/8"	22	5.5
UT8729-12	0.9	0.65	3"	12,000	Rear	1/4"	1.6	0.7	7.40	188	90 psi-6.2 bar	1/4"	3/8"	22	5.5
UT8728RT	0.9	0.65	NA	22,000	Rear	1/4"	1.5	0.7	6.10	155	90 psi-6.2 bar	1/4"	3/8"	22	5.5
UT8728S	0.9	0.65	2"	22,000	Rear	1/4"	1.5	0.7	6.10	155	90 psi-6.2 bar	1/4"	3/8"	22	5.5
UT8728SE	0.9	0.65	2"	22,000	Rear	1/4"	2.4	1.1	12.00	305	90 psi-6.2 bar	1/4"	3/8"	22	5.5



Precision Die Grinders



UT8727



UT8727-12

UT8727 RAPTOR Series Die Grinders

New Item

- 0.40 HP motor for added stall resistance
- Exceptionally large spiral gear and pinion double tool life
- Needle bearing provide smooth operation and reduce spindle run-out
- Erikson® style precision collet
- Only 79 dBA noise level and <2.5> ms/sec vibration
- Contoured composite housing for added comfort
- Latest design safety lock-off throttle for comfort and ease of activation
- Rear exhaust keeps air away from work area, tool can easily be changed to front exhaust
- Parts interchangeable with Ingersoll Rand ® CA120RG4, CA200RG4 & CD200RG4

Best for: Continuous heavy duty grinding and sanding



Model	Motor (HP)	Motor (kW)	Max. Wheel Dia. (in.)	Speed (RPM)	Exhaust	Spindle/Collet Size (in.)	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8727-1	0.40	0.29	2"	25,000	Rear/Front	1/4"	1.2	0.5	6.2	157.5	90 psi-6.2 bar	1/4"	3/8"	18	3.0
UT8727-12	0.40	0.29	3"	12,000	Rear/Front	1/4"	1.3	0.6	6.5	157.5	90 psi-6.2 bar	1/4"	3/8"	18	3.0
UT8727-20	0.40	0.29	2"	18,000	Rear/Front	1/4"	1.3	0.6	6.5	157.5	90 psi-6.2 bar	1/4"	3/8"	18	3.5



Cut-off Tools - Angle Grinder



UT8748



UT8748E

UT8748 4" Angle Cut-off Tool

UT8748E 4" Extended Angle Cut-off Tool

- 1.0 HP motor for added stall resistance
- Safety lock-off throttle
- Rear exhaust keeps work area clear of blowing debris
- Ergonomic cushion comfort grip for comfort and reduced vibration
- 260 degree swivel guard and swivel air inlet for ultimate maneuverability in confined work area
- Guard and mounting flanges designed for use with Type 1 wheels
- Total angle head height 2.5"
- Model UT8748E is fitted with double pre-loaded ball bearings to provide the added support and reliability for this extended reach model

Best for: Cutting pipes in boiler installation and repair, petro chemical plant maintenance; as well as cutting bolts and threaded fasteners



UT8726

UT8726 Cut Off Tool

- Impact resistant composite handle for reduced weight
- Clear polycarbonate guard for an unobstructed view
- Cuts up to 3/4" rolled steel
- Safety lock-off throttle
- Guard rotates for added maneuverability

Best for: Cutting sheet metals and composites



UT2740-1

UT2740-1 4" Angle Grinder

- 0.75 HP Motor for good stall resistance
- Safety lock-off throttle
- Governor controlled to maintain speed under load
- Heavy duty spiral gears for reliability

Best for: General intermittent grinding

Model	Motor (HP)	Motor (kW)	Max. Wheel Dia. (in.)	Speed (RPM)	Exhaust	Spindle Size	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8748	1.0	0.73	4" Type 1	17,000	Rear	3/8"-24	3.1	1.4	12.00	305	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8748E	1.0	0.73	4" Type 1	17,000	Rear	3/8"-24	3.8	1.7	15.75	400	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8726	0.5	0.36	3"	20,000	Rear	3/8"-24	1.7	0.8	6.75	171	90 psi-6.2 bar	1/4"	3/8"	18	4.5
UT2740-1	.75	0.51	14"	11,000	Side	3/8"-24	4.0	1.8	8.00	203	90 psi-6.2 bar	1/4"	3/8"	24	6.0



Angle Grinders

0.75 to 1.0 HP



UT8780

UT8775 4" Angle Grinder UT8780 4-1/2" Angle Grinder

- 0.9 HP motor for extra stall resistance
- Safety lock-off throttle
- Governor controlled to maintain speed under load
- Heavy duty spiral gears for reliability
- Ergonomic composite grip for comfort and reduced vibration

Best for: Heavy grinding and MRO applications



UT8748-4

UT8748-4 4" Low Profile Extended Angle Grinder

- 1.0 HP motor for added stall resistance
- Heavy duty alloy steel spiral gears
- Head height only 2-3/4" with guard fitted
- Patented adjustable 260° swivel guard
- Insulated composite grip reduces weight and operator fatigue
- Steel Type 27 guard
- Safety lock-off throttle

Best for: Heavy duty continuous grinding



UT8749-1

UT8749-1 4" Heavy Duty Extended Angle Grinder

- 1.0 HP motor for added stall resistance
- Heavy duty alloy steel spiral gears
- Insulated composite grip reduces weight and operator fatigue
- Single piece motor-angle head housing adds durability
- Safety lock-off throttle
- Patented adjustable 260° swivel guard
- Includes flanges for grinding and cut-off wheels

Best for: Heavy duty continuous grinding



UT8749-5

UT8749-5 5" Extended Angle Grinders

- Heavy duty angle head & alloy steel spiral gears for added reliability
- 1.0 HP motor for added stall resistance
- Features a patented spindle lock for ease of wheel removal
- Insulated composite grip; reduces weight and operator fatigue
- Removable side assist handle; distributes load on tool and increases control
- Fabricated steel type 27 guard
- Safety lock-off throttle

Best for: Heavy duty continuous grinding

Model	Motor (HP)	Motor (kW)	Max. Wheel Dia. (in.)	Speed (RPM)	Exhaust	Spindle Size	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT2740-1	0.75	0.51	4" Type 27	12,000	Front	3/8" - 24	4.0	1.8	9.00	229	90 psi-6.2 bar	1/4"	3/8"	28	13.2
UT8775	0.9	0.66	4" Type 27	10,000	Side	3/8" - 24	3.5	1.6	8.00	203	90 psi-6.2 bar	1/4"	3/8"	24	6.0
UT8780	0.9	0.66	5" Type 27	10,000	Side	5/8" - 11	3.6	1.6	8.00	203	90 psi-6.2 bar	1/4"	3/8"	24	6.0
UT8748-4	1.0	0.73	4" Type 27	13,500	Rear	3/8" - 24	3.2	1.45	12.00	305	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8749-1	1.0	0.73	4" Type 27	12,000	Rear	3/8" - 24	4.0	1.8	11.00	280	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8749-5	1.0	0.73	5" Type 27	12,000	Rear	5/8"-11	4.1	1.9	11.50	292	90 psi-6.2 bar	1/4"	3/8"	16	5.0



Angle Grinders

0.9 to 2.5 HP



UT8785-4/UT8785-5

UT8785-4 4" Angle Grinder UT8785-5 5" Angle Grinder

- 1.3 HP Motor for added stall resistance
- Safety lock-off throttle
- One piece housing reduces maintenance costs
- Heavy duty air cooled spiral gears and double bearings for added durability
- Ergonomic composite grip for comfort and reduced vibration
- Exhaust silencing for added noise control
- Left or right hand assist handle positions

Best for: Continuous use heavy duty surface preparation and material removal



UT8766/UT8766-25/UT8766-259

UT8766 7" Angle Grinder (1.7 HP) UT8766-25 7" Angle Grinder (2.5 HP) UT8766-259 9" Angle Grinder (2.5 HP)

- High HP Motor for added stall resistance
- Safety lock-off throttle
- One piece housing reduces maintenance costs
- Heavy duty air cooled spiral gears and double bearings for added durability
- Ergonomic composite grip for comfort and reduced vibration
- Dual exhaust silencing for added noise control
- Left or right hand assist handle positions

Best for: Continuous use extra heavy duty surface preparation and material removal

Model	Motor (HP)	Motor (kW)	Max. Wheel Dia. (in.)	Speed (RPM)	Exhaust	Spindle Size	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8785-4	1.3	0.95	4" Type 27	11,000	Side	3/8" - 24	4.8	2.2	10.5	266	90 psi-6.2 bar	3/8"	3/8"	26	6.5
UT8785-5	1.3	0.95	5" Type 27	11,000	Side	5/8" - 11	4.8	4.2	10.5	266	90 psi-6.2 bar	3/8"	3/8"	26	6.5
UT8766	1.7	1.25	7" Type 27	7,500	Side	5/8" - 11	6.9	3.1	12.5	318	90 psi-6.2 bar	3/8"	1/2"	28	7.0
UT8766-25	2.5	1.84	7" Type 27	7,000	Side	5/8" - 11	7.7	3.5	12.9	327	90 psi-6.2 bar	3/8"	1/2"	40	10.0
UT8766-259	2.5	1.84	9" Type 27	7,000	Side	5/8" - 11	7.8	3.6	12.9	327	90 psi-6.2 bar	3/8"	1/2"	40	10.0



Vertical Grinders

2 & 2.3 HP



UT8767/UT8767-23

UT8767 7" Vertical Grinder

- 2.0 HP Motor prevents stall under load
- Safety lock-off throttle
- Governor controlled to maintain speed for optimum material removal
- Double bearing spindle design for durability
- Built-in exhaust silencer system

UT8767-23 7" Vertical Grinder

- All of the features of UT8767 with a power packed 2.3 HP - six vane motor for added stall resistance

Best for: Continuous heavy duty grinding



UT8769/UT8769-23

UT8769 9" Vertical Grinder

- 2.0 HP Motor prevents stall under load
- Safety lock-off throttle
- Governor controlled to maintain speed for optimum material removal
- Double bearing spindle design for durability
- Built-in exhaust silencer system

UT8769-23 9" Vertical Grinder

- All of the features of UT8769 with a power packed 2.3 HP - six vane motor for added stall resistance

Best for: Continuous heavy duty grinding

Model	Motor (HP)	Motor (kW)	Max. Wheel Dia. (in.)	Speed (RPM)	Exhaust	Spindle Size	Weight (lb)	Weight (Kg)	Length (in)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8767	2.0	1.47	7" Type 27	7,000	Side	5/8" - 11	8.9	4.05	9.25	235	90 psi-6.2 bar	1/2"	1/2"	28	7.0
UT8769	2.0	1.47	9" Type 27	7,000	Side	5/8" - 11	9.2	4.18	9.25	235	90 psi-6.2 bar	1/2"	1/2"	28	7.0
UT8767-23	2.3	1.71	7" Type 27	7,000	Side	5/8" - 11	8.9	4.05	9.25	235	90 psi-6.2 bar	1/2"	1/2"	30	7.5
UT8769-23	2.3	1.71	9" Type 27	7,000	Side	5/8" - 11	9.2	4.18	9.25	235	90 psi-6.2 bar	1/2"	1/2"	30	7.5



Vertical Grinders

3 & 4 HP



UT8768-3V-60-7



UT8768-300V-60-9



UT8768-3V-60-6

Universal Tool UT8768 Series: 3.0 & 4.0 HP Vertical Grinders

- Governed 3.0 and 4.0 HP motors for constant speed.
- Housings made from high grade aluminum alloy for maximum strength.
- New design safety lock-off throttle and side assist handle, for ultimate operating comfort
- Internal silencing reduces noise level substantially
- Internal motor parts, spindle, governors and guards are interchangeable with UT300 & UT400V series.
- Wheel mounting flanges and guards follow ANSI standards.
- Nomenclature is laser etched onto throttle levers as well as on the riveted name plate

Best for: Extra heavy duty continuous material removal and grinding.

Model	Motor (HP)	Motor (kW)	Max. Wheel Dia. (in.)	Speed (RPM)	Exhaust	Spindle Size	Guard Type	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8768-3V-60-7	3.0	2.2	7" Type 27	6,000	Side	5/8"-11	Type 27	9.25	3.85	12.0	305	90 psi-6.2 bar	1/2"	1/2"	12.0	5.2
UT8768-3V-60-9	3.0	2.2	9" Type 27	6,000	Side	5/8"-11	Type 27	9.90	4.1	13.0	330	90 psi-6.2 bar	1/2"	1/2"	12.0	5.2
UT8768-3V-60-6	3.0	2.2	6" Cup	6,000	Side	5/8"-11	Type 11	9.90	4.1	12.75	324	90 psi-6.2 bar	1/2"	1/2"	12.0	5.2
UT8768-4V-60-7	4.0	2.93	7" Type 27	6,000	Side	5/8"-11	Type 27	11.90	4.8	12.0	305	90 psi-6.2 bar	1/2"	1/2"	16.0	6.4
UT8768-4V-60-9	4.0	2.93	9" Type 27	6,000	Side	5/8"-11	Type 27	12.50	5.0	13.0	330	90 psi-6.2 bar	1/2"	1/2"	16.0	6.4
UT8768-4V-60-6	4.0	2.93	6" Cup	6,000	Side	5/8"-11	Type 11	11.50	4.8	12.75	324	90 psi-6.2 bar	1/2"	1/2"	16.0	6.4



Horizontal & Cone Wheel Grinders 2, 3 & 4 HP



UT200H-60-6



UT200H-90-CW



UT200H-90-CWE



MADE IN USA

UT300H-60-6



MADE IN USA

UT400H-60-6

UT200H Horizontal Grinder Series

- 2.0 HP Motor prevents stall under load
- Governor controlled to maintain speed for optimum material removal
- Safety lock-off throttle
- Double pre-loaded bearing spindle design adds reliability
- Steel motor housing & spindle housing increase reliability
- Time proven reliable design

Best for: Heavy duty continuous grinding

UT200H-90-CW Horizontal Grinder

UT200H-90-CWE Extended Length

- 2.0 HP Motor prevents stall under load
- Governor controlled to maintain speed for optimum material removal
- Safety lock-off throttle
- Double pre-loaded bearing spindle design adds reliability
- Steel motor housing & spindle housing increase reliability
- Time proven reliable design
- The extended length grinder is 26" long overall for added reach

Best for: Heavy duty continuous grinding

UT300H-60-6 6" Horizontal Grinder

- 3.0 HP Motor for extra stall resistance
- Safety lock-off throttle
- Stainless steel governor for reliability and maintaining speed under load
- Built-in lubricator increases reliability
- "Technaloy" housing provides ultimate strength with low weight

Best for: Heavy duty continuous grinding
8" Guard UT300H-60-8 available on request

UT400H-60-6 6" Horizontal Grinder

- 4.0 HP Motor for ultimate stall resistance
- Safety lock-off throttle
- Stainless steel governor for reliability and maintaining speed under load
- Built-in lubricator increases reliability
- "Technaloy" housing provides ultimate strength with low weight

Best for: Heavy duty continuous grinding
8" Guard UT400H-60-8 available on request

Model	Motor (HP)	Motor (kW)	Max. Wheel Dia. (in)	Speed (RPM)	Exhaust	Spindle Size	Guard Type	Weight (lb)	Weight (Kg)	Length (in)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in)	Air Cons (cfm)	Av. Air Cons (cfm)
UT200H-60-6	2.0	1.47	6" Type 1	6,000	Side	5/8" -11	Type 1	13.5	6.1	19.5	495	90 psi-6.2 bar	1/2"	1/2"	40	10
UT200H-90-CW	2.0	1.47	3" Cone	9,000	Side	5/8" -11	NA	9.0	4.1	17.5	445	90 psi-6.2 bar	1/2"	1/2"	40	10
UT200H-90-CWE	2.0	1.47	3" Cone	9,000	Side	5/8" -11	NA	11	4.9	26	660	90 psi-6.2 bar	1/2"	1/2"	40	10
UT300H-60-6	3.0	2.20	6" Type 1	6,000	Side	5/8" -11	Type 1	10.5	4.8	20.25	514	90 psi-6.2 bar	1/2"	1/2"	53	13.3
UT400H-60-6	4.0	2.93	6" Type 1	6,000	Side	5/8" -11	Type 1	19.7	12.5	21.00	533	90 psi-6.2 bar	1/2"	1/2"	64	16.0



Sanders - Angle - Vertical



UT8749S

UT8749S Heavy Duty 5" Angle Sander

- 1.0 HP motor for added stall resistance
- Heavy duty alloy steel spiral gears
- Insulated composite grip reduces weight and operator fatigue
- Single piece motor-angle head housing adds durability
- Safety lock-off throttle

Best for: Heavy duty continuous sanding/surface preparation



UT8756-1

UT8756-1 7" Angle Sander

- 1.0 HP Motor for good stall resistance
- Safety Lock-off throttle
- Built-in regulator for positive speed control
- Heavy duty spiral gears for reliability

Best for: General surface preparation



UT8766S

UT8766S 7" Angle Sander

- 1.7 HP Motor for ultimate stall resistance
- Safety lock-off throttle
- One piece housing reduces maintenance costs
- Heavy duty air cooled spiral gears and double bearings for added reliability
- Ergonomic composite grip for comfort and reduced vibration and dual exhaust silencing for noise control
- Left or right hand assist handle positions

Best for: Continuous use heavy duty surface preparation and material removal



UT8767S

UT8767S Vertical Sander

- 2.0 HP Motor prevents stall under load
- Safety lock-off throttle
- Governor controlled to maintain speed for optimum material removal
- Double bearing spindle design for durability
- Built-in exhaust silencer system

Best for: Continuous use heavy duty surface preparation and material removal

Model	Motor (HP)	Motor (kW)	Max. Wheel Dia. (in.)	Speed (RPM)	Exhaust	Spindle Size	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8749S	1.0	0.73	5"	9,000	Rear	5/8" - 11	4.0	1.8	11.00	280	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8756-1	1.0	0.73	7"	4,500	Front	5/8" - 11	4.8	2.2	12.00	305	90 psi-6.2 bar	1/4"	3/8"	28	7.0
UT8766S	1.7	1.25	7"	7,500	Side	5/8" - 11	6.9	3.1	12.50	318	90 psi-6.2 bar	3/8"	1/2"	28	7.0
UT8767S	2.0	1.47	7"	7,000	Side	5/8" - 11	7.0	3.2	9.25	235	90 psi-6.2 bar	1/2"	1/2"	30	7.5



Orbital Sanders



UT8798



UT8799



UT8791



UT8794



UT2780-1

UT8798 Orbital Palm Sanders

- 12000 RPM with 3/16" and 3/32" orbit choices
- Only 80 dBA noise level and <2.5> ms/sec vibration
- Choice of 5" or 6" balanced pads
- Built-in regulator for precise control
- Contoured composite comfort grip
- Weighs only 1.7 lbs
- Low profile only 3-1/2"
- Double sealed bearings increase reliability
- Complete with removable dust extraction shroud and hook-up
- UT8798-6 and UT8798-5 have a swivel dust extraction joint with adaptor for 1" and 1-1/4" hose

Best for: Finishing applications on wood, metal, painted and composite materials

UT8799 Palm Sanders

- 0.35 HP lubrication free motor for stall resistance
- Choice pad sizes to match the job
- Built-in speed regulator for control
- Comfortable rubber palm grip
- Rear exhaust keeps air away from work area

Best for: Finishing applications on wood, metal, painted and composite materials

UT8791 & UT8794 3/16" Orbital Jitterbug Sanders

- 0.40 HP Motor provides power to match the job
- Built-in regulator for positive control
- Rear exhaust with built-in silencing system for noise control
- Heavy duty sealed bearing for durability
- Only 78 dBA noise level and <2.5> ms/sec vibration

Best for: Finishing wood, composite and painted surfaces

UT2780-1 Dual Action Sander

- 0.5 HP Motor for heavier material removal
- Built-in regulator for positive control
- Ball bearing construction for durability

Best for: General sanding and paint preparation

Model	Orbit	Motor (HP)	Pad Dia. (in.)	Speed (RPM)	Spindle Size	Weight (lb.)	Height (in.)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Av. Air Cons (cfm)
UT8798-6	3/16"	0.35	6"	12,000	5/16" - 24	1.7	3.5	90 psi-6.2 bar	1/4"	3/8"	4.0
UT8799-165	3/16"	0.35	5"	12,000	5/16" - 24	1.75	3.5	90 psi-6.2 bar	1/4"	3/8"	4.0
UT8799-166	3/16"	0.35	6"	12,000	5/16" - 24	1.75	3.5	90 psi-6.2 bar	1/4"	3/8"	4.0
UT8794	3/32"	0.40	3" x 4"	10,000	NA	1.8	3.8	90 psi-6.2 bar	1/4"	3/8"	6.2
UT8791	3/16"	0.40	4" x 6"	10,000	NA	2.4	3.8	90 psi-6.2 bar	1/4"	3/8"	6.2
UT2780-1	3/16"	0.50	6"	12,000	5/16" - 24	4.0	4.7	90 psi-6.2 bar	1/4"	3/8"	6.5



Belt Sanders



UT8702-1



UT8703-1



UT8718K



UT8719K



UT8701

UT8702-1 Belt Sander 3/8"x13" Belt UT8703-1 Belt Sander 3/4"x20-1/2" Belt UT8704 Belt Sander 1-3/16"x21-1/4" Belt

- Head rotates 180 degrees for operating convenience and comfort
- Variable speed throttle for positive control
- Integral belt tracking keeps sanding belt in place

Best for: Light grinding, sanding and deburring

UT8718 Belt Sander 1/2"x12" Belt UT8718K Belt Sander Kit 1/2"x12" Belt UT8719 Belt Sander 3/4"x18" Belt UT8719K Belt Sander Kit 3/4"x18" Belt

- Head rotates 360 degrees for operator convenience & comfort
- Interchangeable contact arms maximize operational capability
- Safety lock-off throttle
- Ergonomically designed side handle and grip for comfort and control
- Swivel air inlet and built-in silencing for noise control
- UT8718 Kit includes 4 interchangeable contact arms, 6 abrasive belts & 2 surface conditioning belts
- UT8719 Kit includes 6 interchangeable contact arms, 9 abrasive belts & 2 surface conditioning belts

Best for: Light grinding, sanding, deburring and engine port work

UT8701 Offset Belt Sander 1/4", 1/2"x24" Belt

- Superior belt tracking permits use of 1/4", 1/2"x 24" long belts
- Advanced ergonomic design composite grip
- Low weight composite belt guard allows quick & easy belt changes
- Safety lock-off throttle
- Built-in regulator adds control
- Interchangeable contact arms
- 0.5 HP motor provides power for sanding, grinding, deburring, blending, & polishing

Best for: Continuous sanding and surface preparation

Model	Motor (HP)	Motor (kW)	Belt size (in.)	Speed (RPM)	Exhaust	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8702-1	0.25	0.18	3/8" x 13"	16,000	Side	1.8	0.8	11.00	279	90 psi-6.2 bar	1/4"	3/8"	18	4.5
UT8703-1	0.25	0.18	3/4" x 20-1/2"	16,000	Side	3.0	1.4	13.75	349	90 psi-6.2 bar	1/4"	3/8"	20	5.0
UT8704	0.30	0.22	1-3/16" x 21-1/4"	12,000	Side	5.0	2.3	19.50	495	90 psi-6.2 bar	1/4"	3/8"	20	5.0
UT8718	0.25	0.18	1/2" x 12"	20,000	Handle	2.2	1.0	12.00	305	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8718K	0.25	0.18	1/2" x 12"	20,000	Handle	2.2	5.0	12.00	305	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8719	0.30	0.22	3/4" x 18"	18,000	Handle	2.9	1.3	15.35	390	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8719K	0.30	0.22	3/4" x 18"	18,000	Handle	2.9	6.8	15.35	390	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8701	0.50	0.37	1/4", 1/2" x 24"	20,000	Handle	3.1	1.4	15.75	400	90 psi-6.2 bar	1/4"	3/8"	20	5.0

Drills



- The UT line of Industrial Drills, has been developed to offer a wide selection of product choices to meet the increased market demands for quality, accuracy and dependability; as well as meeting increased demands for low vibration, temperature insulation and general operator comfort.
- The Universal Tool line of drills offers a selection of fully enclosed gear and planetary gear drives. Various models within the UT Drill Series feature our "Softouch" coating; or comfort grips which provides insulation to the operator, along with reduced vibration.
- Handle design and balance are key features; these features coupled with our precision ported throttle design offer optimum operator comfort and control in continuous processes.
- We use only the highest grade materials, bearings, needle bearings and precision gears, to meet customer expectations for quality and dependability.
- With a wide range of speed choices, and HP capability the UT line of drills covers the needs of high volume continuous assembly processes, airframe and aerospace applications as well as intermittent MRO uses.



Drills



UT8825R

UT8825 Mini 1/4" Drill

UT8825R Mini 1/4" Reversible Drill

- Precision control two step trigger
- Spindle run out 0.002" for accuracy
- Internal handle silencing reduces noise level to 84 dBA
- Composite motor housing and handle for comfort
- Trigger mounted reverse for model U8825R provides instant change of direction

Best for: General purpose drilling in tight areas



UT2810R

UT2850R



UT2810R 3/8" Reversible Drill

UT2850R 1/2" Reversible Drill

- 0.5 HP Motor for extra stall resistance
- Reliable planetary gear system
- Trigger mounted reverse switch for convenient change of direction
- Contoured composite grip for comfort

Best for: Intermittent general drilling and MRO



UT8833R-1



UT8840R-1

UT8833R-1 3/8" Reversible Drill

UT8840R-1 1/2" Reversible Drill

- 0.65 HP Motor for extra stall resistance
- Double injection ergonomically advanced housing and grip
- Variable speed trigger with reverse on both sides
- Patented silencer reduces noise to 83 dBA
- Precision machined planetary gears with needle bearings
- Steel gear case for added durability

Best for: Heavy duty continuous drilling



UT8860R-1

UT8860R-1 3/8" Reversible Angle Drill

- 0.5 HP Motor for extra stall resistance
- Heavy duty spiral gears for reliability
- Rear exhaust keeps work area clean from cuttings
- Convenient button reverse switch

Best for: Heavy duty drilling in tight access areas

Model	Motor (HP)	Motor (kW)	Speed (RPM)	Exhaust	Chuck	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8825/R	0.3	0.22	2,600	Handle	1/4"	1.8	0.81	5.7	145	90 psi-6.2 bar	1/4"	3/8"	14	3.5
UT2810R	0.5	0.37	1,800	Handle	3/8"	2.3	1.0	6.50	165	90 psi-6.2 bar	1/4"	3/8"	14	3.5
UT2850R	0.5	0.37	500	Handle	1/2"	3.0	1.4	7.50	191	90 psi-6.2 bar	1/4"	3/8"	14	3.5
UT8833R-1	0.65	0.48	1,800	Handle	3/8"	2.4	1.1	7.00	178	90 psi-6.2 bar	1/4"	3/8"	14	3.5
UT8840R-1	0.65	0.48	800	Handle	1/2"	2.9	1.3	8.50	216	90 psi-6.2 bar	1/4"	3/8"	14	3.5
UT8860R-1	0.5	0.37	1,800	Rear	3/8"	2.5	1.1	7.00	178	90 psi-6.2 bar	1/4"	3/8"	18.4	4.6



Production Drills



UT8895 3/8" Drill / UT8895R Reversible 3/8" Drill

- 0.9 HP Motor for ultimate stall resistance
- Fully caged gears with needle bearings for ultimate reliability
- Ported throttle valve for ultimate control and reliability
- Through handle exhaust with built-in silencing system
- Advanced ergonomically designed handle with "Softouch" coating offers ultimate comfort and reduced vibration
- Jacobs® industrial chuck for accuracy and durability

Best for: Continuous drilling in high volume applications
Reversible models are ideal for reaming and rivet removal



UT8896 1/2" Drill / UT8896R Reversible 1/2" Drill

- 0.9 HP Motor for ultimate stall resistance
- Fully caged gears with needle bearings for ultimate reliability
- Ported throttle valve for ultimate control and reliability
- Through handle exhaust with built-in silencing system
- Advanced ergonomically designed handle with "Softouch" coating offers ultimate comfort and reduced vibration
- Jacobs® industrial chuck for accuracy and durability
- Assist handle for added control

Best for: Continuous drilling in high volume applications
Reversible models are ideal for reaming and rivet removal



UT8897 1/4" Direct Drive Drill (3/8" available on request)

- 0.9 HP Motor for ultimate stall resistance
- Double front bearing spindle for smooth operation and durability
- High speed for the fastest work in lighter weight materials
- Through handle exhaust with built-in silencing system
- Advanced ergonomically designed handle with "Softouch" coating offers ultimate comfort and reduced vibration
- Jacobs® industrial chuck for accuracy and durability

Best for: Fast drilling in alloys and other light materials

Model	Motor (HP)	Motor (kW)	Throttle Style	Speed (RPM)	Exhaust	Chuck	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8895	0.9	0.66	Ported	2,600	Handle	3/8"	2.1	1.0	7.75	197	90 psi-6.2 bar	1/4"	3/8"	18.4	4.6
UT8895R	0.8	0.59	Ported	1,800	Handle	3/8"	2.1	1.0	7.75	197	90 psi-6.2 bar	1/4"	3/8"	18.4	4.6
UT8896	0.9	0.66	Ported	500	Handle	1/2"	3.2	1.5	9.50	241	90 psi-6.2 bar	1/4"	3/8"	18.4	4.6
UT8896R	0.8	0.59	Ported	400	Handle	1/2"	3.2	1.5	9.50	241	90 psi-6.2 bar	1/4"	3/8"	18.4	4.6
UT8897	0.9	0.66	Ported	20,000	Handle	1/4"	2.0	0.9	7.60	193	90 psi-6.2 bar	1/4"	3/8"	18.4	4.6



High Torque "D" Handle Drill



UT8843 "D" Handle Drill Series

- 1.1 HP Motor driven through a double reduction gear train provides the power and torque to drill holes in high grade steel up to 5/8" diameter
- "D" Handle with inside trigger and large side handle allow full feed force to be applied
- Side handle can be mounted on either side of gear case

Best for: Heavy duty drilling in high grade metals

Model	Spindle Size	Free Speed (RPM)	Maximum Horsepower	Chuck Cap (in.)	Torque (Ft. lbs.)	Weight (lbs.)	Length (in.)	Air Inlet (NPT)	Rec. Hose Size (in.)	Rec. Air Pressure (PSI)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8843-8	1/2" x 20	800	1.1	5/8"	35	7.15	7-3/4"	1/2"	1/2	90	30	7.5
UT8843-12	1/2" x 20	1200	1.1	5/8"	30	6.75	7-1/2"	1/2"	1/2	90	30	7.5

Aircraft Tools

- Machined Carbon Fiber Blades & Carbon Steel Motor Parts
- Highest Precision Engineering Ensures 600,000 Cycles of Use
- Interchangeable Drilling Attachments





Precision Aircraft Drills & Internal Spline Drive Tools



UT8892-5

UT8892 Series Precision Pistol Drills

- Machined carbon fiber vanes & carbon steel motor parts allow "Oil Free" use
- Highest precision engineering ensures 600,000 cycles of use
- Internal silencer baffle reduces noise pressure level to 75 dBA
- Precision needle bearings and gears and gear case interchangeable with leading brand
- Advanced ergonomic handle design with insulated coating for maximum operator comfort
- Only 7.5" long & 1.3 lbs weight
- Ported throttle valve for precise variable speed control

Best for: Continuous precision air frame work



UT8892SP Series

For additional angle heads see
pages 44 & 45

UT8892SP Series Internal Spline Drive Tools

- Has all of the design engineering features of the UT8892 series precision pistol drills
- Accepts all precision drill attachments shown of page 38
- Accepts leading brand of splined drilling attachments
- Only 6.1" long & 1.05 lbs weight

Best for: Continuous drilling in very tight access and hard to reach areas



UT8894

UT8894 1/4" Aircraft Drill

- 0.9 HP Motor for ultimate stall resistance
- Fully caged gears with needle bearings for ultimate reliability
- Ported throttle valve for ultimate control and reliability
- Through handle exhaust with built-in silencing system
- Advanced ergonomically designed handle with "Softouch" coating offers ultimate comfort and reduced vibration
- Jacobs® industrial chuck for accuracy and durability

Best for: Continuous high speed precision drilling in alloys

Model	Motor (HP)	Motor (kW)	Gear Ratio	Speed (RPM)	Exhaust	Chuck	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8892-5	0.45	0.33	40:1	500	Rear	1/4"	1.3	0.59	7.50	191	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8892-10	0.45	0.33	20:1	1,000	Rear	1/4"	1.3	0.59	7.50	191	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8892-24	0.45	0.33	9:1	2,400	Rear	1/4"	1.2	0.55	7.40	188	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8892-33	0.45	0.33	6:1	3,300	Rear	1/4"	1.2	0.55	7.40	188	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8892-45	0.45	0.33	5:1	4,500	Rear	1/4"	1.2	0.55	7.40	188	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8892-60	0.45	0.33	3.3:1	6,000	Rear	1/4"	1.2	0.55	7.40	188	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8892-200	0.45	0.33	1:1	20,000	Rear	1/4"	1.2	0.55	7.40	188	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8892SP-5	0.45	0.33	40:1	500	Rear	1/4"	1.05	0.48	6.30	155	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8892SP-10	0.45	0.33	20:1	1,000	Rear	1/4"	1.05	0.48	6.30	155	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8892SP-24	0.45	0.33	9:1	2,400	Rear	1/4"	1.05	0.48	6.10	155	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8892SP-33	0.45	0.33	6:1	3,300	Rear	1/4"	1.05	0.48	6.10	155	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8894	0.9	0.66	3.3:1	6,000	Handle	1/4"	2.0	0.9	7.60	193	90 psi-6.2 bar	1/4"	3/8"	18.4	4.6



Precision Aircraft Drills & Internal Spline Drive Tools



UT8892 HD-5

UT8892HD-5 Internal Hex Drive Tools

- Has all of the design engineering features of the UT8892 series
- Accepts leading brand of 1/4" hex drive fastening attachments



UT8895RSP



UT8895RSP Reversible Internal Spline Drive Tool

- 0.8 HP Motor prevents stalls
- For use with drilling attachments shown on page 45
- Reversible for back drilling requirements
- Fully ported throttle for precise control
- Soft-touch housing for operator comfort
- See page 45 for drilling attachments

Model	Motor (HP)	Motor (kW)	Gear Ratio	Speed (RPM)	Exhaust	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8892 HD-5	0.45	0.33	40:1	500	Rear	1.05	0.48	6.10	155	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8895RSP	0.8	0.59	8:1	1,800	Rear	2.1	1.0	7.0	178	90 psi-6.2 bar	1/4"	3/8"	18.4	4.6



Precision Aircraft Angle & Straight Drills



UT8891 Series*

UT8891 Series 0.45 HP Precision Angle Drills

- Machined carbon fiber blades & carbon steel motor parts allow "Oil Free" use
- Highest precision engineering ensures 600,000 cycles of use
- Internal silencer baffle reduces noise pressure to 81 dBA
- 0.45 HP motor ensures no slow down & clean break through
- Precision engineered angle head and gears supported by ball bearings; and 1/4" x 28 TPI internal thread
- Motor parts 100% interchangeable with UT8892 pistol drills and UT8724 die grinder series
- Angle head interchangeable with UT8893 series

Best for: Continuous precision air frame work

*UT8891M Motor units available on request



UT8893-Series*

*For additional angle heads see page 43

UT8893-26 Series Precision Angle & Straight Drills

- Machined carbon fiber blades & carbon steel motor parts allow "Oil Free" use
- Highest precision engineering ensures 600,000 cycles of use
- Internal silencer baffle reduces noise pressure to 78 dBA
- 0.9 HP motor ensures no slow down & clean break through even for larger diameter holes in high grade special alloy materials
- UT8893 series angle drills feature the same precision engineered angle head as the UT8891 series
- UT8893 series straight drills feature precision fully caged gears with needle bearings

Best for: Continuous precision air frame work and general industrial applications

*UT8893M Motor units available on request - internal hex



UT8893S Series

Model	Motor (HP)	Motor (kW)	Gear Ratio	Speed (RPM)	Exhaust	Chuck	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8891-5	0.45	0.33	40:1	500	Rear	1/4" x 28TPI	1.87	0.85	10.25	260	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8891-10	0.45	0.33	20:1	1,000	Rear	1/4" x 28TPI	1.87	0.85	10.25	260	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8891-24	0.45	0.33	9:1	2,400	Rear	1/4" x 28TPI	1.66	0.75	9.75	248	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8891-33	0.45	0.33	6:1	3,300	Rear	1/4" x 28TPI	1.66	0.75	9.75	248	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8891-45	0.45	0.33	5:1	4,500	Rear	1/4" x 28TPI	1.66	0.75	9.75	248	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8891-60	0.45	0.33	3.3:1	6,000	Rear	1/4" x 28TPI	1.66	0.75	9.75	248	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8893-5	0.9	0.66	40:1	500	Rear	1/4" x 28TPI	2.5	1.14	10.90	277	90 psi-6.2 bar	1/4"	3/8"	18	4.5
UT8893-26	0.9	0.66	8:1	2,600	Rear	1/4" x 28TPI	2.40	1.09	10.90	277	90 psi-6.2 bar	1/4"	3/8"	18	4.5
UT8893-60	0.9	0.66	3.3:1	6,000	Rear	1/4" x 28TPI	2.40	0.65	10.90	277	90 psi-6.2 bar	1/4"	3/8"	18	1.9
UT8893-26S	0.9	0.66	8:1	2,600	Rear	3/8"	2.40	1.09	10.25	260	90 psi-6.2 bar	1/4"	3/8"	18	4.5
UT8893S-60S	0.9	0.66	3.3:1	6,000	Rear	3/8"	2.30	1.05	10.25	260	90 psi-6.2 bar	1/4"	3/8"	18	4.5

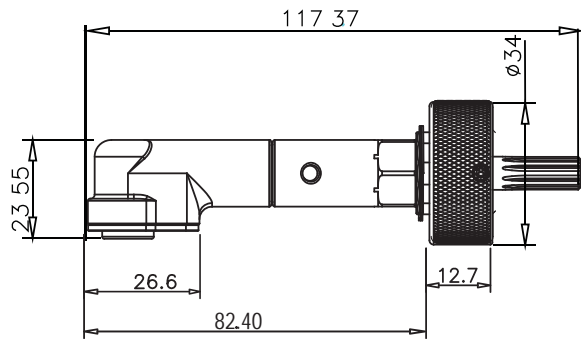


Precision Aircraft Drilling Attachments

Precision aircraft attachments fit all UT8891 and UT8893 angle drills as well as all UT8892SP series internal spline tools

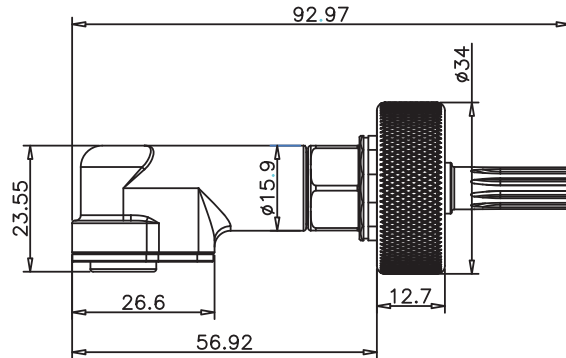
90° Angle Drill Attachment

93893-3348A



90° Short Angle Drill Attachment

93893-3348AS

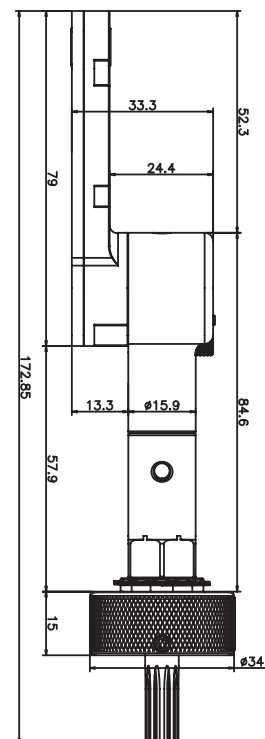
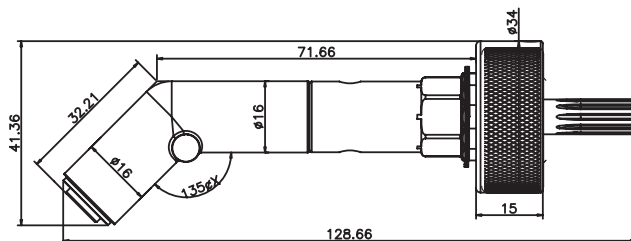


Indexable Drill Attachment

93893-3380PS

45° Angle Head

93893-4580

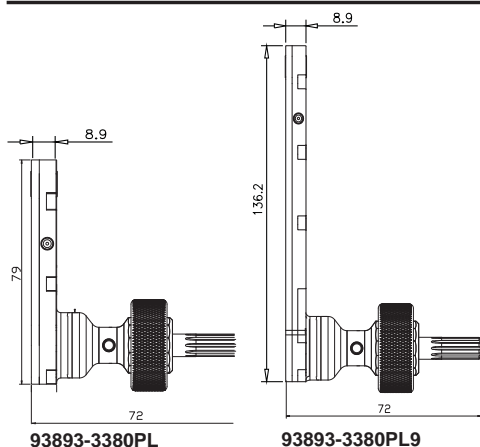




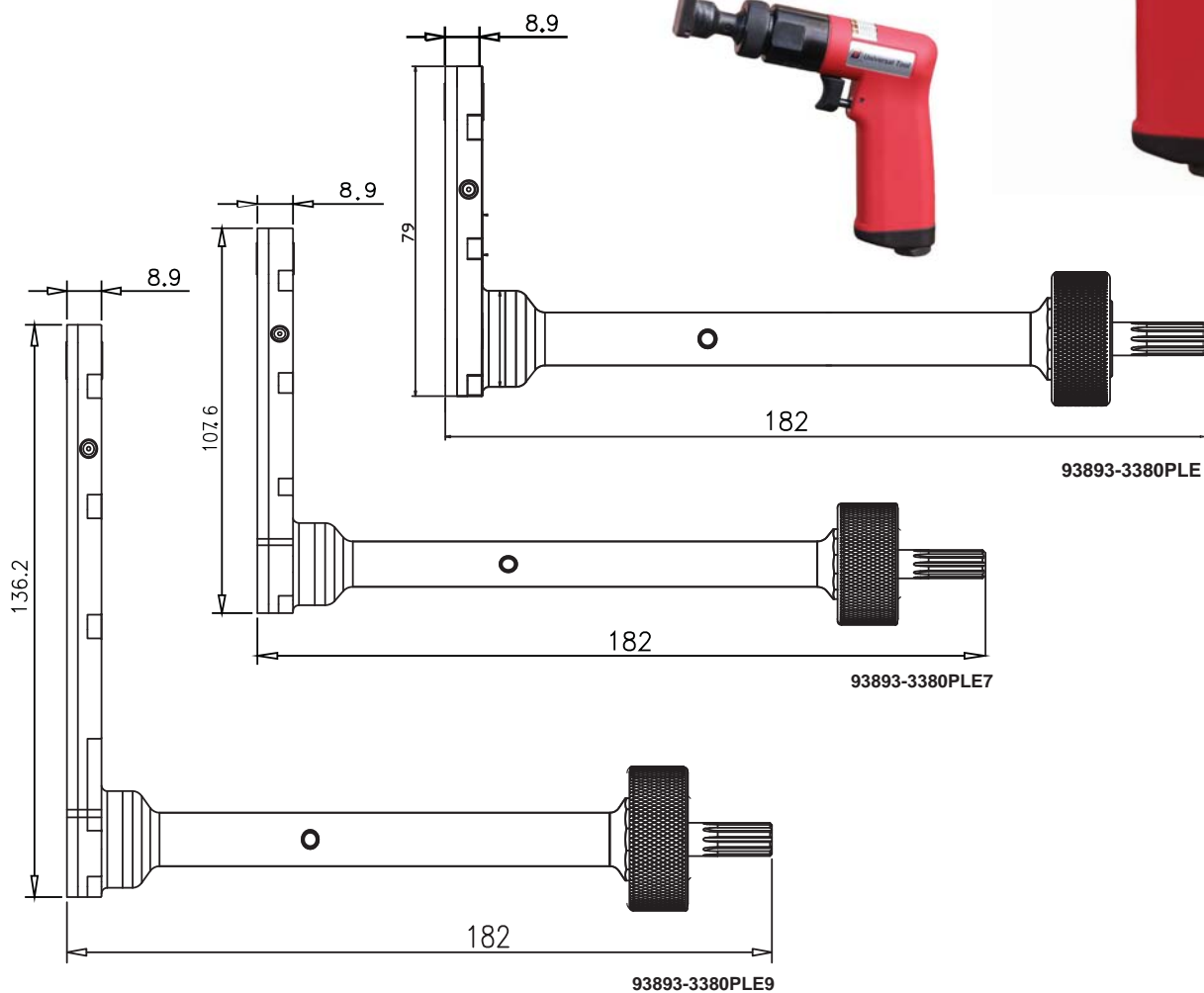
Precision Aircraft Drilling Attachments

Precision aircraft attachments fit all UT8891 and UT8893 angle drills as well as all UT8892SP series internal spline tools

"L" Type Off-Set



93893-3380PL
93893-3380PL9
93893-3380PLE
93893-3380PLE7
93893-3380PLE9





Precision Aircraft Drilling Attachments

FD Series "L" Type Off-set Attachments For Use With Standard 3 Jaw Drill Chucks (1/4-in.-1/2-in.)

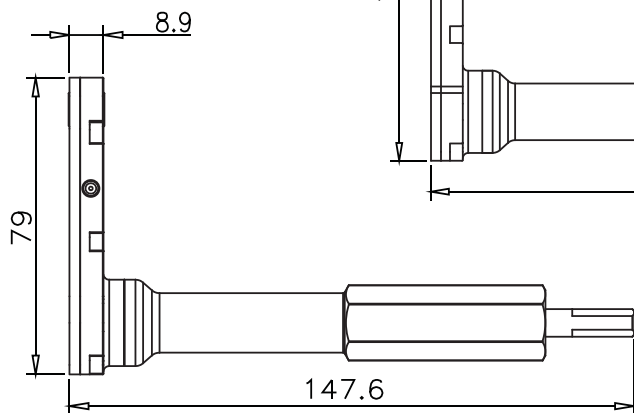
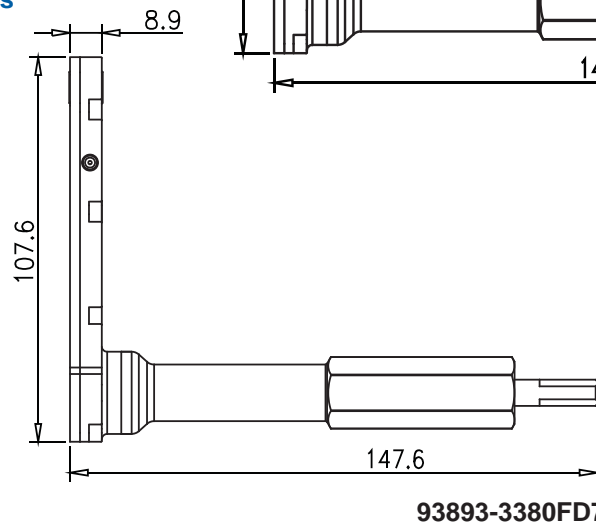
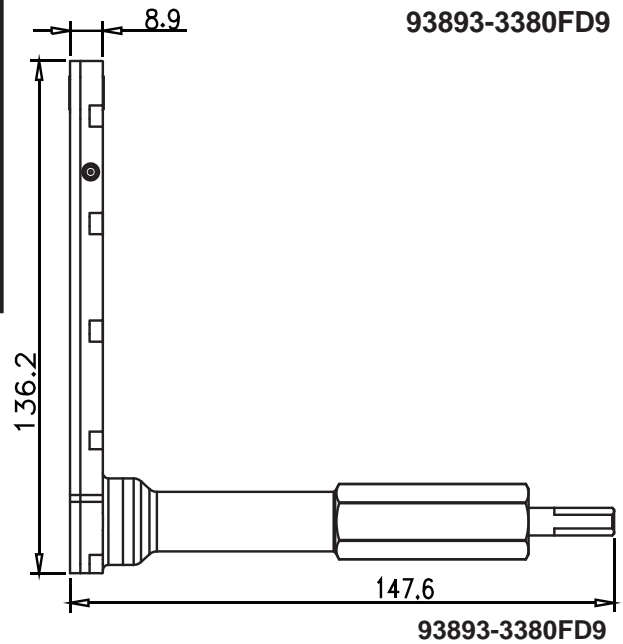


Can be used with reversible drills for back drilling applications.

93893-3380FD5

93893-3380FD7

93893-3380FD9



Screwdrivers, Impact Drivers, Hold and Drive Tools and Ratchets



Screwdriver Clutch Mechanisms

Adjustable Auto Shut-off Clutch

Designed for precision joints, the shut-off clutch provides smooth disengagement at preset torque, while minimizing vibration.

Positive Jaw Clutch

Designed for soft high torque joints where torque applied needs to exceed the clamping force; such as in wood or when using self tapping fasteners. Torque is controlled by the operator, or by air pressure adjustments.

Direct Drive Clutch

Designed for non critical torque soft joint applications, in wood and metal, where torque is controlled by the operator.

Twin Hammer Clutch

Designed to overcome high prevailing torque; Ideal for self tapping fasteners.

The UT line of screwdrivers, impact drivers, hold and drive tools and ratchets has been developed to offer a wide selection of product choices to meet the increased market demands for quality, accuracy and dependability; as well as meeting increasing demands for low vibration, temperature insulation and general operator comfort.

- The Universal Tool line of screwdrivers features a selection of automatic shut-off models, In pistol, straight and "Air on Top" configurations; as well as pistol grip positive drive and direct drive models. The UT precision ported throttle design adds further control.
- Various models in the UT line feature our "Softouch" coating which provides insulation to the operator, along with reduced vibration. We use only the highest grade materials, bearings, needle bearings and precision gears, to meet customer expectations for quality and dependability.
- With a range of speed choices, torque choices and drive mechanisms, the UT line of screwdrivers, impact drivers, hold and drive tools and ratchets; covers the needs of high volume continuous assembly processes, air frame and aerospace applications; as well as Intermittent MRO uses.



Screwdrivers-Positive, Adjustable & Direct Drive



UT8965

UT8965 Positive Clutch Screwdriver

- 0.8 HP Motor for extra stall resistance
- Side trigger mounted reverse for rapid change in direction
- Precision engineered, for ultimate reliability
- Through handle exhaust with built-in silencing system
- Advanced ergonomically designed handle with "Softouch" coating offers ultimate comfort and reduced vibration

Best for: High volume, high prevailing torque self-tapping screws and fasteners



UT8966

UT8966 Positive Clutch Screwdriver

- 0.9 HP Motor with direct drive with positive clutch
- Above trigger mounted reverse for rapid change in direction
- Precision engineered, for ultimate reliability
- Through handle exhaust with built-in silencing system
- Advanced ergonomically designed handle with "Softouch" coating offers ultimate comfort and reduced vibration

Best for: High volume, high prevailing torque self-tapping screws and fasteners



UT8964-1

UT8964-1 Pistol Adj. Clutch Screwdriver

UT8955-1 Straight Adj. Clutch Screwdriver

UT8935-1 Pistol Positive Clutch Screwdriver (Not Shown)

- 0.65 HP for optimum torque
- Double injection mold ergonomically advanced housing and grip
- Pistol grip models have reverse on both sides of trigger
- Precision machined planetary gears with needle bearings
- Patented adjustable clutch allows variable torque in forward & reverse

Best for: High volume assembly where torque adjustment is required



UT8955-1



UT8968

UT8968 / UT8969 Direct Drive Screwdriver

- 0.5 HP Motor with direct drive for extra stall resistance
- Unique paddle forward-reverse trigger for instant change in direction
- Compact design for increased access and comfort
- Through handle exhaust
- "Softouch" handle coating offers ultimate comfort and reduced vibration

Best for: High volume self-tapping/assembly

Model	Motor (HP)	Motor (kW)	Torque Range (in. lb.)	Speed (RPM)	Exhaust	Chuck	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8965	0.8	0.59	10-50	2,000	Handle	1/4" Int. Hex	2.50	1.1	8.00	203	90 psi-6.2 bar	1/4"	3/8"	18.4	4.6
UT8966	0.9	0.66	10-55	2,000	Handle	1/4" Int. Hex	2.50	1.1	8.00	203	90 psi-6.2 bar	1/4"	3/8"	18.4	4.6
UT8930-1	0.65	0.68	125 Max	1,800	Handle	1/4" Int. Hex	2.30	1.0	7.00	178	90 psi-6.2 bar	1/4"	3/8"	18.4	4.0
UT8964-1	0.65	0.48	45-115	1,800	Handle	1/4" Int. Hex	2.90	1.3	7.75	197	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8955-1	0.65	0.48	45-115	1,800	Rear	1/4" Int. Hex	1.50	0.75	9.50	228	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8935-1	0.65	0.48	115 Max	1,800	Handle	1/4" Int. Hex	2.90	1.3	7.75	197	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8968	0.5	0.37	5-45	1,800	Handle	1/4" Int. Hex	2.25	1.0	5.00	127	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8969	0.5	0.37	10-70	750	Handle	1/4" Int. Hex	2.50	1.1	6.25	159	90 psi-6.2 bar	1/4"	3/8"	16	4.0



Screwdrivers / Direct / Auto Shut-off / Adjustable Clutch



UT8825RQ

UT8825RQ Direct Drive Screwdriver

- Precision control two step trigger
- Internal handle silencing reduces noise level to 84 dba
- Composite motor housing and handle for comfort
- Trigger mounted reverse

Best for: General light duty assembly



UT8960-1

UT8960-1 / UT8961-1 Adjustable Clutch Angle Auto Shut-Off Screwdriver

- Rear exhaust
- Rugged steel angle head-overall height 1-5/8"
- Thumb operated reverse switch
- Built-in suspension bail
- Built-in comfort grip
- Easy to adjust clutch

Best for: Precision high volume assembly



UT2960

UT2960

- Side trigger mounted reverse for rapid change of direction
- Through handle exhaust
- Adjustable clutch

Best for: General light duty assembly



UT2964

UT2964

- Side trigger mounted reverse for rapid change of direction
- Through handle exhaust
- Adjustable clutch

Best for: General light duty assembly

Model	Motor (HP)	Motor (kW)	Torque Range (in. lb.)	Speed (RPM)	Exhaust	Drive Size	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8825RQ	.3	.22	5-40	2,000	Handle	1/4" Int. Hex	1.8	.81	5.7	145	90 psi-60 bar	1/4"	3/8"	14	3.5
UT8960-1	.4	.29	5-25	1,000	Rear	1/4" Int. Hex	1.5	.7	10.6	255	90 psi-60 bar	1/4"	3/8"	16	4.0
UT8961-1	.5	.37	26-100	300	Rear	1/4" Int. Hex	2.6	1.18	13.1	333	90 psi-60 bar	1/4"	3/8"	16	4.0
UT2960	.5	.37	45-145	800	Handle	1/4" Int. Hex	2.4	1.09	8.5	216	90 psi-60 bar	1/4"	3/8"	16	4.0
UT2964	.5	.37	45-125	1800	Handle	1/4" Int. Hex	2.4	1.09	8.5	216	90 psi-60 bar	1/4"	3/8"	16	4.0



Screwdrivers-Auto Shut-Off



UT8963-5

UT8963-5 / UT8963-11 / UT8963-17 Auto Shut Off Screwdrivers

- Adjustable auto shut-off clutch for precision, smooth disengagement and minimum vibration
- A choice of speeds to fit your job, with convenient thumb operated reverse
- Precision engineered, for ultimate reliability
- Through handle exhaust with built-in silencing system and built-in suspension bail
- "Softouch" handle grip offers ultimate comfort and reduced vibration

Best for: Precision high volume assembly



UT8963AT-5

UT8963AT-5 / UT8963AT-11 / UT8963AT-17 Air on Top Auto Shut-Off Screwdrivers

- Air on top feature allows for clean vertical suspension without trailing hoses
- Adjustable auto shut-off clutch for precision, smooth disengagement and minimum vibration
- A choice of speeds to fit your job, with convenient thumb operated reverse
- Precision engineered, for ultimate reliability
- Through handle exhaust with built-in silencing system and built-in suspension bail
- "Softouch" handle grip offers ultimate comfort and reduced vibration
- Trigger start

Best for: Precision high volume assembly



UT8962-17

UT8962-11 / UT8962-17 Auto Shut Off Straight Screwdrivers

- Adjustable auto shut-off clutch for precision, smooth disengagement and minimum vibration
- A choice of speeds to fit your job, with convenient thumb operated reverse
- Precision engineered, for ultimate reliability
- Rear exhaust with built-in silencing system and built-in suspension bail
- "Softouch" handle grip offers ultimate comfort & reduced vibration

Best for: Precision high volume assembly

Model	Motor (HP)	Motor (kW)	Torque Range (in. lb.)	Speed (RPM)	Exhaust	Chuck	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8963-5	0.5	0.37	5-45	550	Handle	1/4" Int. Hex	1.9	0.9	8.25	210	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8963-11	0.5	0.37	5-45	1100	Handle	1/4" Int. Hex	1.9	0.9	8.25	210	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8963-17	0.5	0.37	5-30	1700	Handle	1/4" Int. Hex	1.9	0.9	8.25	210	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8963AT-5	0.5	0.37	5-45	550	Handle	1/4" Int. Hex	1.9	0.9	8.25	210	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8963AT-11	0.5	0.37	5-45	1100	Handle	1/4" Int. Hex	1.9	0.9	8.25	210	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8963AT-17	0.5	0.37	5-30	1700	Handle	1/4" Int. Hex	1.9	0.9	8.25	210	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8962-11	0.5	0.37	5-45	1100	Rear	1/4" Int. Hex	1.5	0.7	8.25	210	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8962-17	0.5	0.37	5-30	1700	Rear	1/4" Int. Hex	1.5	0.7	8.25	210	90 psi-6.2 bar	1/4"	3/8"	16	4.0



Impact Drivers



**UT8080Q/
UT8080P**

UT8080Q / UT8080P Impact Drivers

- Hard hitting twin hammer-75 ft.lb. max. torque for high prevailing torque fasteners
- Powerful 7 vane 10,000 RPM motor for fast and efficient run down
- Combined trigger mounted reverse and power management
- Through handle exhaust with built-in silencing system
- Combined "Softouch" coating and ergonomic grip offers ultimate comfort and reduced vibration
- 30% bias motor for maximum power in forward direction

Best for: High volume, high prevailing torque, fast run-down self tapping screws and fasteners.



UT8090Q

UT8090Q Impact Driver

- Hard hitting twin hammer-65 ft.lb. max. torque
- 6 vane motor produces 8,500 RPM
- Rear mounted reverse switch
- Through handle exhaust

Best for: High volume, high prevailing torque, fast run-down self tapping screws and fasteners.



UT8095Q

UT8095Q Compact Design Impact Driver

- Hard hitting twin hammer
- Thumb operated reverse switch in side of housing
- Double injection grip for added comfort
- Handle exhaust
- Fast run down speed
- Compact design (5-3/8" length) and low weight 1.6 lbs

Model	Motor (HP)	Motor (kW)	Torque Range (ft. lb.)	Speed (RPM)	Exhaust	Head Size and Setting Capacity	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8080Q	0.4	0.29	10-75	10,000	Handle	1/4" Int. Hex	2.2	1.0	6.00	152	90 psi-6.2 bar	1/4"	3/8"	20	5.0
UT8080P	0.4	0.29	10-75	10,000	Handle	3/8" Sq. Drive	2.2	1.0	6.00	152	90 psi-6.2 bar	1/4"	3/8"	20	5.0
UT8090Q	0.35	0.25	10-65	8,500	Handle	1/4" Int. Hex	2.5	1.14	6.25	160	90 psi-6.2 bar	1/4"	3/8"	20	5.0
UT8095Q	0.35	.025	50	15,000	Handle	1/4" Int. Hex	1.6	.66	5.4	137	90 psi-6.2 bar	1/4"	3/8"	12	3.0



Hold and Drive Fastening Tools & Accessories



UT8941 / UT8942 / UT8944

UT8941 / UT8942 / UT8944 Hold and Drive Fastening Tools

- A choice of speeds and hold and drive heads to handle Riv-nut® setting from 3mm to 10mm / 1/4" to 3/8"
- Unique paddle forward-reverse trigger for instant change in direction
- 0.4 HP Motor for extra stall resistance
- Through handle exhaust
- Combined "Softouch" coating and ergonomic grip offers ultimate comfort and reduced vibration
- When ordering, a model and head size must be stated

Best for: High volume hold and drive applications in aircraft and light assembly industries

Model	Motor (HP)	Motor (kW)	Torque Range (ft. lb.)	Speed (RPM)	Exhaust	Head Size and Setting Capacity	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8941	0.4	0.29	NA	300	Handle	6, 8, 10mm 1/4"-20, 5/16"-18", 3/8"-16	2.8	1.3	7.25	184	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8942	0.4	0.29	NA	600	Handle	4, 5, 6mm 1/4"-20, #8-32, #10-24, #10-32	2.8	1.3	7.25	184	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT8944	0.4	0.29	NA	1,600	Handle	3, 4, 5mm #6-32, #8-32, #10-32	2.3	1.0	7.00	178	90 psi-6.2 bar	1/4"	3/8"	16	4.0



Hold & Drive Nut Setter Heads

Part No.	Descriptions	Use	Part No.	Descriptions	Use
UTA86205	3 mm head	For UT8942 & UT8944	UTA86235	#6-32 head	For UT8942 & UT8944
UTA86210	4 mm head	For UT8942 & UT8944	UTA86240	#8-32 head	For UT8941, UT8942 & UT8944
UTA86215	5 mm head	For UT8942 & UT8944	UTA86245	#10-24 head	For UT8941, UT8942 & UT8944
UTA86220	6 mm head	For UT8941 & UT8942	UTA86246	#10-32 head	For UT8941, UT8942, UT8944
UTA86225	8 mm head	For UT8941	UTA86250	1/4"-20 head	For UT8941 & UT8942
UTA86230	10 mm head	For UT8941	UTA86255	5/16"-18 head	For UT8941
			UTA86260	3/8"-16 head	For UT8941



Ratchet Wrenches



UT2000-1 / UT2003-1

UT2000-1 1/4" Mini Ratchet Wrench UT2003-1 3/8" Mini Ratchet Wrench

- Triple idler gear for smooth operation
- Steel ratchet head for reliability
- Choice of 1/4" and 3/8" square drive sizes
- Compact design for tight access work
- Sealed ratchet head for added reliability
- Ergonomic compact grip

Best for: Intermittent MRO and vehicle service



UT2005-1

UT2005-1 3/8" Ratchet Wrench

- Triple idler gear for smooth operation
- Steel ratchet head for reliability
- 3/8" Square drive size

Best for: Intermittent MRO and vehicle service



UT2010

UT2010 1/2" Ratchet Wrench

- Extended length and powerful motor provide 75 ft. lb. torque in hard to reach areas
- Heavy duty steel ratchet head for reliability
- 1/2" Square drive size

Best for: Intermittent MRO and vehicle service on higher torque fasteners and hard to reach areas



UT8006

UT8006 3/8" Ratchet Wrench

- Powerful motor provides high torque
- Triple idler gear and twin pawl drive for smooth operation
- Triple heat treated alloy steel ratchet and head for ultimate reliability
- Precision engineered for added reliability
- Ergonomic "Softouch" coating for operator comfort

Best for: Heavy duty MRO and vehicle service



UT8010-1

UT8010-1 1/2" Ratchet Wrench

- Extended length and powerful motor provide 90 ft. lb. torque in hard to reach areas
- Sealed Triple heat treated alloy steel ratchet and head for ultimate reliability
- 1/2" Square drive size
- Precision engineered for added reliability
- Contoured comfort grip and trigger for operator comfort
- 360° exhaust diffuser

Best for: Heavy duty MRO and vehicle service on higher torque fasteners and hard to reach areas

Model	Motor (HP)	Motor (kW)	Torque Range (ft. lb.)	Speed (RPM)	Exhaust	Anvil	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT2000-1	0.35	0.26	5-25	250	Front	1/4" Sq. Drive	1.3	0.6	7.25	184	90 psi-6.2 bar	1/4"	3/8"	14	3.5
UT2003-1	0.35	0.26	5-25	250	Front	3/8" Sq. Drive	1.3	0.6	7.25	184	90 psi-6.2 bar	1/4"	3/8"	14	3.5
UT2005-1	0.40	0.29	10-50	160	Front	3/8" Sq. Drive	2.5	1.1	10.00	254	90 psi-6.2 bar	1/4"	3/8"	16	4.0
UT2010	0.60	0.44	15-75	150	Front	1/2" Sq. Drive	4.4	2.0	14.50	368	90 psi-6.2 bar	1/4"	3/8"	22	5.5
UT8006	0.50	0.37	15-60	200	Side	3/8" Sq. Drive	2.5	1.1	10.50	267	90 psi-6.2 bar	1/4"	3/8"	18	4.5
UT8010-1	0.60	0.44	15-90	200	Side	1/2" Sq. Drive	3.6	1.6	12.50	365	90 psi-6.2 bar	1/4"	3/8"	22	5.5



Air-Hydraulic Riveters



UT8910

UT8910 3/16" Air-Hydraulic Riveter

- Traction power 2,000 lb. force, handles 1/8" to 3/16" aluminum rivets
- Alloy steel jaws and forged aluminum hydraulic cylinder for reliability
- Complete with three nose pieces, 1/8", 5/32", 3/16" and an extra set of jaws
- Swivel air inlet provides comfort and convenience

Best for: Blind riveting in container and trailer and recreational vehicle assembly



UT8920

UT8920 1/4" Air-Hydraulic Riveter

- Traction power 3,200 lb. force, handles 1/8" to 1/4" aluminum rivets
- Alloy steel jaws and forged aluminum hydraulic cylinder for reliability
- Swivel air inlet provides comfort and convenience
- Built-in comfort grip
- Supplied with 2 nose pieces 3/16", 1/4" and an extra set of jaws

Best for: Blind riveting in container and trailer and recreational vehicle assembly



UT8922

UT8922 1/4" Air-Hydraulic Riveter

- 3,500 lb pull force allows use for rivet materials up to 1/4" including stainless steel
- Vac feature hold rivet for perpendicular applications
- Comfortable trigger with high-low setting
- Swivel air inlet for maneuverability
- Rubberized grip for comfort
- Detachable mandrel collector
- Built-in silencer reduces noise level
- Designed for continuous operation

Best for: Trailer construction and repair

Model	Traction Power	Chuck	Weight (lb.)	Weight (Kg)	Length (in.)	Length (mm)	Rec. Pressure	Air Inlet (NPT)	Rec. Hose (I.D. in.)	Air Cons (cfm)	Av. Air Cons (cfm)
UT8910	2000 LBS	1/8"- 3/16" Jaws	3.5	1.6	12.25	311	90 psi-6.2 bar	1/4"	3/8"	1.5	0.4
UT8920	3200 LBS	3/16"-1/4" Jaws	5.0	2.3	11.75	298	90 psi-6.2 bar	1/4"	3/8"	1.5	0.4
UT8922	3500 LBS	1/8", 5/32, 3/16" & 1/4" Jaws	4.0	1.8	13.25	336	90 psi-6.2 bar	1/4"	3/4"	1.5	0.4



Jet Fan and Air Movers

UTJA20 High Performance Air Mover

The engineering of the **JET AIR** blades cause more air to be pulled through the fan by our trailing edge design. By using the UT **JET AIR** design, we are able to move more air in the forward direction like a Jet Prop, producing superior air flow with a lot less energy. The results are simple "We move more air by design at lower fan speeds using less energy than the competition."



Features

- Dynamically balanced 4 blade design for smoother operation
- High visibility orange-powder coated stainless steel fan shroud for safety
- Manufactured to aircraft tolerances and specifications
- Fits 20" API flange for quick and painless mounting
- Moves more air by design, at air pressures between 40-110 psi (2.75-7.6 bar)
- Reduces air turbulence by design, smoother air flow at all RPM's using only 2 rotating parts
- Hy-Tech bearing grease used in all high speed "Jet Air Bearings"
- Can be used as a blower or exhaustor by turning it around

Specifications

- Fan assembly shaft rotates on permanently sealed ball bearings
- Air consumption at 60 PSI, 115 CFM@2,700 RPM
- Fits 20" (508mm) API tank opening bolt circle
- Delivery-up to 11,200 CFM (19,029 m3/hr)
- Max 120 PSI, working pressure 40-110 PSI
- Weight 103 lbs. (Shipping weight 113 lbs.)
- Mounting slots 1-1/8" diameter
- Air inlet 3/4" NPT



UT9240-1 UT9230-1 UT9220-1 UT9210-1

UT9210-1/20-1/30-1/40-1 Air Mover

Universal Tool air movers, disperse fumes, introduce air into confined spaces, cool working areas or machinery. Used in refineries, chemical plants, utilities, fabrication shops, ship-yards and other industrial applications.

- Rugged construction for durability and long life
- Cap screw with locking nut used for fastening - no blind rivets
- Simple design easily replaced parts for field maintenance
- Air displacement for 1,400 to 6,260 CFM
- Supplied with grounding lug, wire, clip and crows foot connector



Model No.	Top Cone Dia. (in.)	Lower Cone Dia. (in.)	Base Dia. (in.)	Weight (lbs.)	Length (in.)	Bolt Circle Dia. (in.)	Base Slot Dia. (in.)	Air Flow (CFM)	Air Cons. (SCFM)	Induction Ratio	Air Inlet (N.P.T)
UT9210-1	6	3	7-1/3	5-1/2	16-1/2	6-1/2	.4	1400	64	21.9	1/2"
UT9220-1	8	3	7-1/3	8-1/2	32-1/2	6-1/2	.4	1540	63	24.4	1/2"
UT9230-1	12	6	11-1/4	19	44-1/2	10-1/2	.4	4020	132	30.0	1"
UT9240-1	14	8	14-3/8	28-1/2	46	13-1/2	.5	6260	235	26.6	1"

Air Flow and Consumption based on 80 PSI air pressure. Maximum air pressure 150 PSI.



Hose Reels, Hose Assemblies & Accessories



Model 6800

- High impact PP material
- 3/8" x 50' PVC hose
- 300 PSIG max pressure
- Automatic, ratchet free running
- Steel mounting bracket
- Best for work bench applications



Model 6801 & 6802

- Heavy duty reinforced steel construction
- Reel supported on both sides by pedestals and arm guides
- Four non-snag roller hose guides reduce hose wear
- Spring retractable design allows automatic rewind of hose
- Spring protector prevents hose damage and stretching
- Reinforced steel mounting plate for floor, wall or overhead mounting
- Model 6801 has 3/8" x 50' rubber air hose rated to 300 PSIG max with brass male 1/4" NPT fitting
- Model 6802 has 1/2" x 50' rubber air hose rated to 300 PSIG max with brass male 1/2" NPT fitting



Heavy Duty Air Hose

- Braided rubber air hose rated to 300 PSIG max pressure
- Brass fittings
- Oil and abrasion resistant
- Service temperature -60°F to 150°F

Part #	Description
6700	3/8" x 25' air hose
6701	3/8" x 50' air hose
6702	3/8" x 100' air hose
6710	1/2" x 25' air hose
6711	1/2" x 50' air hose
6712	1/2" x 100' air hose



Whip Hose With Oiler Assembly

Part #	Description
117465	1/2" x 6' whip hose
UT93106	1/2" Whip hose with oiler assembly



Finishing Tool Accessories



9U610341-11 9Y610341-11 9V610341-11 9X610341-11 96T6201-11 96U6201-11 96W6201-11 96X6201-11 96V6201-11

For Use With	Width	Part Number
UT8701 Belt Sander	1/2"	96U-610541
	1/4"	96V-610541
UT8718 Belt Sander	1/2"	9U610341
	1/2"	9Y610341
	1/2"	9V610341
	1/2"	9X610341
	1/2"	96S6201
UT8719 Belt Sander	1"	96S6201
	3/4"	96T6201
	1/2"	96U6201
	3/8"	96V6201
	3/8"	96W6201
	1/4"	96X6201



8732376

8731784

5416

8731247





8731184

Part Number	Descriptions
8732376	4" Type 27 Wheel
8731784	5" Sanding Pad
5416	6" Foam-backed dual-action pad
8731247	7" Back-up pad
8731184	7" Rubber back-up pad
95A5C	5" 5 Hole Hook & Loop Pad
95A6C	6" 6 Hole Hook & Loop Pad
8731783	5" Backup Pad
8731075	Pad Nut



Percussion Tool Accessories

.401 Shank Chisels

	5010	5010 Muffler removal chisel
	5020	5020 Ripping chisel
	5030	5030 Tapered punch
	5040	5040 7"



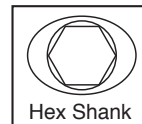
Percussion Tool Accessories



Chipping Hammer Chisels

.680 Shank Diameter Forged Chisels for use in UT8642 through UT8644 series and UT8651 through UT8654 series hammers and most competitive tools. Available with hex shanks specify "H" after part number.

- UTA88303 Flat Chisel
- UTA88305 Cape Chisel
- UTA88307 Round Nose
- UTA88309 Diamond Point
- UTA88313 Moil Point
- UTA88321 Tooth Chisel
- UTA88325 Flat Chisel, 1-1/2" wide
- UTA88337 Gouge Chisel



Scaler Chisels & Attachments

For use with UT8630 Series, CLECO, ROTO, ARO, and CP9536 Scalers.

- UTA88390 3" Blade Chisel
- UTA88391 Blank Chisel
- UTA88392 Cold Flat Chisel
- UTA88393 1-3/8" Blade Chisel
- UTA88394 Angle-Blade Chisel
- FJ5001 Cold Flat Chisel (For use with UT8650 Flux Chipper)
- FJ5002 1-3/8" Blade Chisel
- FJ5003 Angle-Blade Chisel
- UTA88398 Needle Scaler Attachment
Converts UT8630 chisel scaler to needle scaler.
- UTA85130 5" Needles (Set of 18)
For use with UT648/8649 5" Scalers.
- 109020 Set of 19 Needles 1/8" x 7"
For use with UT8632/8633/8635/8639/86409 7" Scalers.
- 109020-28 Set of 28 Needles 1/8" x 7"
- 109170 Set of 38 Needles 2mm x 7"
- 109170-58 Set of 58 Needles 2mm x 7"
- UTA 88395 4" Flex Blade Chisel
For Use with UT8630LI
- UTA88396 8" Flex Blade Chisel
For use with UT8630LI
- UTA85836 Vacuum Shroud
- UTA85836L Vacuum Shroud Long Bristle Brush



Air Files

For use with Universal Tool Air Files

- 5679 Flat Mill Cut, 3-pack
- 5680 Round Single Cut, 3-pack
- 5681 Triangle Single Cut, 3-pack
- 5682 Flat Bastard Cut, 3-pack
- 5683 Set of 4 assorted files



Percussion Tool Accessories



Carbide Insert Chisels for UT9922

5340 3/8" Blade

*5350 3/4" Blade

5360 1 1/2" Blade

*1 pc supplied with UT9922



Chipping Hammer Retainer

9729583-A Retainer

For use with Universal Tool Chipping Hammers

9729584 Spring for Retainer



Utility Hammer Accessories

UTA83309 Positive Quick-Change Safety Lock

5130 One-Piece Safety Retainer

5120 Quick-Change Retainer Spring

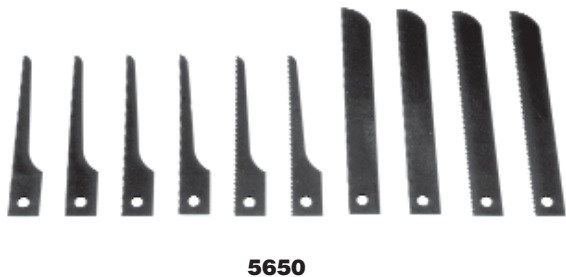
5210 Beehive Retainer Spring



Air Inlet Swivels

UTA85810 3/8" Air Inlet Swivel

UTA85815 7/8" Air Inlet Swivel



Saw Blades

For use with reciprocating saws

5650 10 assorted H.S.S. Blades

5651 10-pack 18 TPI Scroll Blades

5652 10-pack 24 TPI Scroll Blades

5653 10-pack 32 TPI Scroll Blades

5654 10-pack 18 TPI All-Purpose Blades

5655 10-pack 32 TPI All-Purpose Blades

5656 3-pack TPI Bi-Metal Blades



Drill Chucks & Accessories

Industrial Chucks



5976



5952



5965



5927R



6208

Keyless Chucks



5961



52030



5960

Economy Chucks



5975



5950



5925

Chuck Keys



5916



5912



5917R



5915



5914



5917

Part No.	Description	Mount Size	Key
5976	8732376 1/2" Jacobs® Industrial 33B Ball Bearing Chuck & Key	3/8" - 24	5916
5952	3/8" Jacobs® Best Industrial 31B Ball Bearing Chuck & Key	3/8" - 24	5915
5965	1/4" Jacobs® Best Industrial 30B Ball Bearing Chuck & Key	3/8" - 24	3659
5927R	1/4" Rohm Chuck & Key	3/8" - 24	5917R
6208	1/4" Jacobs® Industrial 1BA Ball Bearing Chuck & Key	3/8" - 24	5917
5961	1/4" Keyless Industrial Chuck	3/8" - 24	
52030	3/8" Industrial Keyless Chuck	3/8" - 24	
5960	3/8" Jacobs® Keyless Chuck	3/8" - 24	
5975	1/2" Jacobs® Multi-craft Chuck & Key	3/8" - 24	5912
5950	3/8" Jacobs® Multi-craft Chuck & Key	3/8" - 24	5914
5925	1/4" Jacobs® Chuck & Key	3/8" - 24	5914



Grinding Guards and Collet Sets



980453656



95G300V43



5910



5903



95H-400V43



650-HS-56A

650-HS-58A



5908



5909-1/8

Part Number	Description	Suitable for use
9619042	4" Type 27 Guard	UT2740-1
9804535	4" Type 27 Guard	UT8775
9804536	4-1/2" Type 27 Guard	UT8780
985052	4" Type 27 Guard	UT8785-4
985053	5" Type 27 Guard	UT8785-5
95B-3011B34	4" Type 27 Guard	UT8748-4
95B-321142	4" Type 27 Guard	UT8749
987053	7" Type 27 Guard	UT8766, UT8766-25
988040	7" Type 27 Guard	UT8767, UT8767-23
95G-300V43	7" Type 27 Guard	UT300V-60-7, UT300V-72-7, UT400V-60-7, UT 8768-3V Series
95H-400V43	9" Type 27 Guard	UT300V-60-9, UT400V-60-9, UT 8768-4V Series
988040-1	9" Type 27 Guard	UT8769, UT8769-23
92001-5059	6" Type 1 Cup Wheel Guard	UT200H-60-6
650-HS-56A	6" Type 1 Cup Wheel Guard	UT300H-60-6, UT400H-60-6
650-HS-58A	8" Type 1 Wheel Guard	UT300H-60-8, UT400H-60-8
95L-3011B34	4" Type 1 Cut-off Guard	UT8748, UT8748E
122110	3" Clear Guard	UT8726
Die Grinder Collets and Wrenches		
308024-1	6mm Precision Collet	UT8728, UT8728E, UT8728S, UT8728SE, UT8729-12, UT8729-18
9308024	1/4" Precision Collet	UT8728, UT8728E, UT8728S, UT8728SE, UT8729-12, UT8729-18
9872829	1/4" Precision Collet Nut	UT8728, UT8728E, UT8728S, UT8728SE, UT8729-12, UT8729-18
9872827	1/4" Precision Collet Body	UT8728, UT8728E, UT8728S, UT8728SE
9872927	1/4" Precision Collet Body	UT8729-12, UT9729-18
9308026	1/4" Precision Collet Wrench	UT8728, UT8728E, UT8728S, UT8728SE, UT8729-12, UT8729-18
9308024	1/4" Precision Collet	UT8724, UT8724-12, UT8724-20
9872412	1/4" Precision Collet Nut	UT8724, UT8724-12, UT8724-20
9872411	1/4" Precision Collet Body	UT8724
9872425	1/4" Precision Collet Body	UT8724-12, UT8724-20
9872429	1/4" Precision Collet Wrench	UT8724, UT8724-12, UT8724-20
70498200	1/4" Erickson® Collet	UT4420
8624100	1/4" Erickson® Collet Nut	UT4420
8686400	1/4" Erickson® Collet Body	UT4420
9066011028	1/4" Erickson® Collet	UT4425, UT4425E-1
C119187-H	1/4" Erickson® Collet Nut	UT4425, UT4425E-1
C119255-H	1/4" Erickson® Collet Body	UT4425, UT4425E-1
C119730	3/8" Erickson® Collet	UT4425, UT4425E-1
5910	1/4" General Purpose Collet Set	All 3/8 - 24" Spindle Tools
5909-1/8	1/8" General Purpose Collet	All 3/8 - 24" Spindle Tools
5901	1/4" General Purpose Collet Nut	All 3/8 - 24" Spindle Tools
5905	1/4" General Purpose Collet Wrench	
5903	1/4" Slip Chuck Nut for 5900	5900
5908	1/8" Slip Collet Insert	



Air Accessories & Couplers



1	6369	(1) Pc. 1/4" NPT Male Threads Drain Cock
2	6360	(3) Pc. 1/4" NPT Male Threads Brass Connector Kit
3	6361	(2) Pc. 1/4" NPT Female Threads Brass Connector Kit
4	6362	(2) Pc. 3/8" to 1/4" NPT Threads Brass Adapter Kit
5	6363	(2) Pc. 3/8" NPT Female and Male Connector Kit
6	6372	(1) Pc. Industrial Body, 1/4" NPT Female Threads-Quick Connect Coupler
7	6373	(1) Pc. Universal Body, 1/4" NPT Female Threads-Quick Connect Coupler
8	6374	(3) Pc. Industrial Body, 1/4" NPT Male Threads-Quick Connect Studs
9	6375	(2) Pc. Industrial Body, 1/4" NPT Female Threads-Quick Connect Studs
10	6376	(2) Pc. Industrial Body, 3/8" NPT Threads (Male and Female) Quick Connect Studs
11	6377	(3) Pc. Universal Coupler Kit-1/4" female NPT Universal Body Quick-Connect coupler 1/4" male NPT Quick-Connect Studs
12	6378	(3) Pc. Universal Coupler Kit-1/4" female Universal Body Quick-Connect coupler 1/4" male NPT Quick-Connect Studs 3/8" NPT male Quick-Connect Stud
13	6365	(1) Pc. 1/4" NPT Swivel Connector (Aluminum 360°)
14	6387	(1) Pc. 1/4" NPT female Professional Blow Gun
15	5807	(1) Pc. Extendable Blow Gun
16	000740	(1) Pc. 1" NPT male Crows Foot connector
16	000744	(1) Pc. 1/2" NPT male Crows Foot connector
16	000745	(1) Pc. 3/4" NPT male Crows Foot connector
16	000746	(1) Pc. 3/8" NPT female Crows Foot connector
16	000747	(1) Pc. 1/2" NPT female Crows Foot connector
17	106145	(1) Pc. 1/2" NPT female to 1/4" NPT male adaptor
18	106150	(1) Pc. 3/8" NPT female to 1/4" NPT male adaptor
19	5711	(1) Pc. 1/4" Regulator



Accessories



UT9310-1



UT9320-1



UT9330-1



UT9340-1



UTA85830

UT9310/20/30/40 In-Line Oilers

Universal Tool in-line oilers will keep your air tools lubricated continuously for longer life and better performance.

These features mean less down time and more convenience. Every in-line oiler is pressure tested and built to last. The metering valve is guaranteed for life, never to fail.



Model No.	Number	Pipe Size NPT (in.)	Weight (lbs.)	Length x Width x Height (in.)	Oil Capacity (oz.)	Air Capacity (SCFM)
UTA85830	—	1/4	.10	2-1/2 x 1-1/8 x 1-1/8	.2	40
UT9310-1	0	1/2	1	4-1/2 x 2-3/8 x 2-13/16	1.4	100
UT9320-1	1	3/4	1-1/2	6 x 2-7/8 x 3-3/8	4.0	175
UT9330-1	2	3/4	2	7 x 3-3/8 x 3-11/16	11	175
UT9340-1	3	1	4-1/4	10 x 3-7/8 x 4-3/16	16	350

Air Capacity based on 100 PSI air pressure and single tool application.



Air Tool Lubricants

5809 Mini Grease Gun

5815 Air Tool Lubricant 4oz.

5816 Air Tool Lubricant 32oz.



Pressure Gauge			
SW-GB2	2" Gauge Bottom Mount 1/4"	0-300 PSI	1/4" NPT
SW-GC15	1-1/2" Gauge - Center Back	0-200 PSI	1/4" NPT
SW-GC158	1-1/2" Gauge - Center Back	0-200 PSI	1/8" NPT
SW-GC2	2" Gauge - Center Back	0-300 PSI	1/4" NPT
Pressure Gauge			
SW-R14	Air Pressure Regulator	1-135 PSI	2-1/4" 2-1/8"



Accessories



Mounted Wheel

5615 3/4" Cone (set of 10)
5616 1" Round (set of 10)
5617 1-1/4" Flat
5618 1" Cylinder (set of 10)
5619 3/4" Cylinder
5620 5 Pc. Set (Includes 1 ea. above.)



122060

Cut-Off Wheels

122060 Six Standard-Duty Cut-Off Wheels

Use of Accessories with Air Tools

- When selecting the correct accessory to use with your Air Tool(s) the following points must be carefully checked.
- The accessory is rated to run at or above the maximum rated speed of the Air Tool that you plan to use it on. Air Tool Manufacturers specify these speeds in their catalogs and operator instructions.
- Accessories used on Abrasive Tools, Impact Wrenches, Nut Runners, Ratchets, Air Hammers and Scaling Hammers must be rated for use with the relevant Air Tool.
- Any accessory used should be of the correct size and design for the Air Tool(s) that you plan to use it with.
- Worn accessories should not be used and accessories should not be modified in any way.
- Mounting and fitting instruction for any accessory to be used on an Air Tool must be carefully followed at all times.
- Use of worn or incorrect accessories may reduce tool performance, create excessive tool wear and can be Hazardous.
- Always disconnect the tool from the air supply when changing of fitting accessories, guards or other fittings.

Operator Training for Air Tool; Air Tool Accessory and Compressed Air Use

- All operators should be trained in the correct installation and use of the Air Tool/s that they are required to operate.
- All operators should be trained to understand the safety instructions provided by the Air Tool Manufacturer, for each Air Tool that they are required to operate.
- All operators should be trained in the safe use of Compressed Air and the use of associated Air Hoses, Connectors and Air Tool Accessories.
- All operators should be trained to operate Air Tools and Accessories safely and correctly on the application that you plan to use them for.
- Operators or service personnel should be trained to ensure that the Air Installation, Lubricators, Filters, Regulators, Hoses and Air Nipples and Connectors are checked regularly to ensure that they meet the requirements set on a continuous basis.

Safety and Hazards Related to Air Tool Use

- Universal Tool provides clear Safety and Hazard Warning Information in their Catalogs, Operator Instructions, and on its Tools.
- ANSI also provide safety information. The following Hazard /Safety Instructions must be followed at all times: Obtain a copy of ANSI B186.1 Safety Code for Portable Air tools, available from American National Standards Institute. Inc., 11 West 42nd Street, New York, 10036.
- Compressed Air Hazard.
- Projectile Hazard.
- Breathing Hazard.
- Vibration Hazard.
- Hearing Hazard.
- Entanglement Hazard.
- Use of Safety Wear and Eye, Ear and Hand Protection.
- Use of Abrasive Tools.
- Use of Impact Tools.
- Use of Assembly Tools, Drills and Screwdrivers.
- Use of Air Hammers, Chipping and Scaling Hammers.
- Correct fitting and use of Accessories.
- Never to service, inspect the tool, or change an accessory while the Air Supply to the Air Tool is still connected.

Air Tool Tips

Set-Up		
Air Pressure	Pressure Less Than 90 PSI Pressure Higher than 90 PSI	Low air pressure reduces motor speed and torque, and the tool will not perform to specification High pressure increases motor speed and torque and leads to premature tool wear and is hazardous
Air Volume	Insufficient Air Volume	Will cause the tool to run inconsistently and not perform to specifications
Hoses Nipples Hoses & Nipples	Rated ID Hoses Rated Nipple Size Not Using Rated Sizes	Rated inside diameter hoses should be used throughout Installation. Rated nipple size should used throughout Installation. Will reduce motor HP & torque/speed
Lubrication	Air Motors Need Lubrication	No lubrication slows down motor and increases rusting when moisture is present Best method is to install a in line lubricator, or apply a few drops on air oil into the air inlet of the tool at the beginning and end of the shift.
Accessories	Rated Speed Abrasives	Never use accessories with rated speeds less than the max. rated speed of the tool
Sockets	Always Use Impact Sockets Worn Sockets	Chrome sockets may fracture and will wear prematurely and are hazardous Will reduce torque and will cause premature wear of the anvil
Performance Symptom		
Low Power	Check 1 Check 2 Check 3	Check hoses & nipples are rated size-if not change See if tool is lubricated-if not lubricate & re-test tool With impact wrenches check that hammer mechanism is lubricated If none of the Above Work the tool should be sent to service center
Low/no rotation	Check 1 Check 2	If tool was not regularly lubricated the motor is probably rusted or gummed-up Attempt to rotate the tool by hand, if tool moves a part turn then stops the hammers or gears or rotor blades are probably broken-send the tool to a service center
Tool runs in off position	Check 1	Disassemble throttle valve and relocate or replace the "O" Ring or valve seat
Anvil Vibrates	Check 1	Replace bushing in nose piece of hammer case
Premature Wear		
Anvil Worn Round	Check 1	If chrome or worn sockets were used this is the cause



Service Centers Listings

Your local Universal Tool Authorized Factory Service Centers can provide service, replacement parts and warranty service.

STATE	CITY	REPAIR CENTER	ADDRESS	ZIP	PHONE	FAX
Alabama	Birmingham	Tool-Smith	1300 4th Ave South	35233	205.323.2576	205.323.9060
Alabama	Mobile	Tool-Smith	Lakeside Drive	36693	251.661.0404	251.661.8970
Arizona	Tempe	Arizona Air Tool	1314 E Princess Drive	85281	480.968.8559	480.968.4276
CAN Alberta	Calgary	Complete Hydraulics	Bay 9, 7139-40th St SE	T2C 2H7	403.720.0445	403.720.0446
California	Chino	Pacific Coast Air Tools	3630 Placentia Court	91710	909.627.0948	909.628.5290
CAN British Columbia	Richmond	B.B. Tool Repair	12900 Jack Bell Drive Unit 1	V6V-2V8	604.303.0131	604.303.0134
CAN Manitoba	Winnipeg	Accutool Service Centre	565 Marjorie St	R3H 0S8	204.772.6523	204.772.6597
CAN Quebec	Quebec City	Clinique D'Outillage	3075 Blvd Hamel Ste 107	G1P 4CS	418.877.3377	418.877.3958
Colorado	Denver	A Pro Tool Inc	1950 W 13th Ave	80204	303.623.3743	303.623.7422
Florida	Jacksonville	Tool Shack	226 Edgewood Ave S	32205	904.387.1466	904.384.8120
Florida	Miami	Sky Prod & Tools	10035 NW 7th Ave	33150	305.759.8665	305.759.8669
Georgia	Tucker	Tool Service Company	1810 Auger Drive Unit A-B	30084	404.524.4249	770.908.8082
Georgia	Norcross	Tool Smith	5600 Oakbrook Pkwy #140	30093	770.448.4844	770.448.7395
Hawaii	Waipahu	Tech Hawaii	94-547 Uke'e Street #116	96797	808.676.2338	808.677.0444
Illinois	Elk Grove Village	Illinois Tool Service	1485 Landmeier Unit J	60007	847.228.1902	847.228.1913
Indiana	Indianapolis	VAMACO	6718 East 38th St	46226	317.632.2208	317.244.3920
Kentucky	Louisville	Tool Repair Svc Inc	1200 Goss Avenue	40217	502.635.6888	502.634.1931
Louisiana	Shreveport	Shreveport Air Tool Inc	125 Freestate Blvd	71107	318.227.9412	318.227.0013
Massachusetts	Wilmington	Industrial Tool Repair	382 Middlesex Avenue	01887	978.657.8714	978.657.8714
Michigan	Detroit	Billow Company	15335 Dale	48223	313.255.4446	
Minnesota	Cyrus	Air Tool Clinic	106 West Main Street	56323	320.795.2221	320.795.2221
Minnesota	Minneapolis	Tool Warehouse Inc	3410 E 42nd St	55406	612.722.4260	612.722.3415
Minnesota	St. Cloud	Tool Warehouse Inc	9 Lincoln Ave SE	56304	320.253.7150	320.253.5905
Missouri	Kansas City	Heath Sales & Svc	518 East 16th Street	64108	816.421.3330	816.421.3770
Nebraska	Omaha	Thacker Electric Co	8517 "I" Street	68127	402.592.9433	402.592.3768
New Jersey	Hawthorne	Atlantic Tool System	150 Fifth Avenue	07506	973.238.0009	973.238.0010
New York	Lafayette	NYTECH Supply Co	2424 Route 11	13084	800.443.8324	800.522.9152
New York	Brooklyn	Five Boro Pneumatics	798 East 43rd Street	11210	718.338.8911	718.338.8914
New York	Syracuse	Ace Hydraulic Service	6720 VIP Pkwy	13111	315.454.8989	315.455.9522
North Carolina	Fayetteville	Hurst Annaho Supply	133 Grove Street	28301	910.483.7104	910.483.5346
Ohio	Akron	Power Tool Repair Inc	891 Moe Drive #H	44310	330.630.0022	330.630.3320
Ohio	Cincinnati	Waltz Dettmer Supply	836 Depot Street	45204	513.471.6050	513.557.3265
Ohio	Columbus	Central Ohio Power Tool	1042 Dublin Road	43216	614.481.2111	614.481.2112
Ohio	Delaware	Toolmatics	144 Johnson Drive	43015	740-368-8665	740-362-7500
Oklahoma	Oklahoma City	Hydraulic Equipment	2800 West California Ave Suite A	73107	405.235.3310	405.232.4722
Oregon	Portland	Charles H Day Co	602 South East 11th Ave	97214	503.232.1659	503.231.2521
Pennsylvania	Hanover	C&E Pneumatics	301 Poplar St	17331	717.632.4261	717.632.6582
Tennessee	Chattanooga	Tools & Hydraulics	910-C Creekside Rd	37422	423.622.8282	423.629.0125
Tennessee	Memphis	Authorized Equip Svc	812 Polk Ave	38126	901.774.0850	901.942.9487
Tennessee	Nashville	Tool-Smith	665 Massman Drive	37210	615.883.4833	615.883.4236
Texas	Houston	Power Tool Service Co	3718 Polk Avenue	77003	713.228.0100	713.228.0619
Texas	Laredo	Worldwide Automation	920 Santa Maria Ave	78040	956.727.0441	856.723.6258
Utah	Salt Lake City	HK Power Tools Service	1726 S Major Street	84115	801.487.0584	801.487.9840
Washington	Spokane	Power Tool Service	1902 E Mission Ave	99202	509.535.1754	509.535.1755
West Virginia	Beckley	Hughes Supply Co	300 Rural Acres Dr.	25801	304.256.2163	304.253.5657
Wisconsin	Greenbay	Power Tool Service Co	300 North Webster Ave	54301	920.437.2594	920.432.0726

Mission Statement

To lead our industry in quality and depth of products offered; while developing long term mutually beneficial business partnerships with valued customers and distributors alike.

To maintain and develop our established position as a US based manufacturer, and balance this with global manufacturing at carefully selected strategic partner factories, where our concepts of quality and dependability, are shared.

**851 Jupiter Park Lane
Jupiter, FL 33458
Toll-Free 800-327-9403
Fax: (561) 575-9134
Customer Service 800-356-3392
www.florida-pneumatic.com**

Distributed by:

000U10
REV2012