



**INDUSTRIAL &
PROFESSIONAL**



Founded in 1979, **PUMA** has been working continuously with its global partners and sponsors to produce all type of Air Compressors, Air Tools, Pressure Washer, Medical Equipment, Green Energy Products, Pressure Vessels, and related accessories / spare parts worldwide.

PUMA has designed and developed a range of low-vibration, low-noise, high performance and microcomputer controlled, frequency converted (VSD, variable-speed drive) Piston, Screw and Scroll type, Oil Free as well as Oil Lube air compressors application for Medical, Industrial, Professional, General, Food, and Chemical industries.

PUMA keep on researching and making innovation on our products, we also enforce our **quality policy** on a daily basis. **PUMA** also masters on the high quality products and efficient management as core strategy competitive ability.

PUMA have obtained the ISO 9001 / 13485, CE / REACH, UL / FDA, CSA certificates, Taiwan Excellence Awards, pressure vessels certified by ASME, many multi-countries' patents and trademark registration.

PUMA have marketed our products in 136 countries and kept the top sales in many countries. We believe that success is only achieved through innovation, pursuing excellence, and utilizing the most updated managerial to grow rapidly.

PUMA is also paying more attention to the Company Social Responsibility (C.S.R.). We adhere to our **business philosophy** to be cooperative and honest with our partners. Moreover, it is also our **responsibility and mission** to pursue social equality, having good business ethics, provide excellent products that are environment friendly and energy saving.

We like to create more prosperous future with our partners and achieve our **goal** "Where there is sunshine, there is **PUMA**".

PUMA GLOBAL-WIDE MARKETING STRATEGIC ALLIANCE NETWORK

- 136 countries distributing.
- 20,000,000 air compressor in service.
- 3,850 services centers.
- 50,000,000 air tools in service.

World Brand Globalized Service

Where there is sunshine, there is PUMA !



ISO-9001 / 13485



MECHANISM ANALYSIS	2
IMPACT WRENCH	3 ~ 13
AIR RATCHET WRENCH	14 ~ 18
IMPACT SOCKET SET	19 ~ 22
AIR SCREWDRIVER	23 ~ 33
AIR DRILL	34 ~ 39
POWER BIT	40
AIR SANDER	42 ~ 49
AIR GRINDER	50 ~ 52
AIR DIE GRINDER	53 ~ 56
AIR HAMMER	59 ~ 64
SAND RAMMER	65
FLUX CHIPPERS	66
NEEDLE SCALERS	67
COMPRESSION RIVETER	68
CHISELS	70 ~ 77
AIR HYDRAULIC RIVETER / SPIN PULL TOOL	79 ~ 80
AIR FILE / SAW / NIBBLER / SHEAR / NIPPER	81 ~ 84
AUTO SHOP	85 ~ 86
GREASE GUN / CAULKING GUN	87 ~ 88
AIR PRUNING SHEAR	89
NAILER / STAPLER	93~98
C-RING TOOL	99
CARTON STAPLER / SPEED NAILER	100
AIR SPRAY GUN	101 ~ 103
PRESSURE TANK	104
AIR BRUSH	106 ~ 107
MINI AIR COMPRESSOR	108
AIR CONTROL UNIT	110 ~ 112
AIR BLOW GUN	113 ~ 114
TIRE INFLATOR / CLEANING GUN / MINI OILER	115 ~ 116
SPRING BALANCER	117
AIR HOSE REEL	118
AIR QUICK COUPLER	119 ~ 120
AIR HOSE	121 ~ 122
UNIT CONVERSION TABLE	123
ACCESSORIES	41,57,58,69,78,90,91,92,105,109



INDUSTRIAL



PROFESSIONAL



HOBBY



VESSEL MAINTENANCE



CONSTRUCTION SITE



CAR MAINTENANCE



CARPENTRY

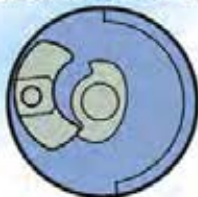


PRODUCTION LINE



UPHOLSTERY

ROCKING DOG HAMMER SYSTEM



- Single-hammer action type impact wrenches deliver an excellent torque to weight ratio.
- Easy to maintain.
- Positive action trigger for speed variation.
- Available with regular anvil.
- Recommended for servicing applications in automotive garages and repair centers.

PIN CLUTCH HAMMER SYSTEM



- Fast tightening and loosening with strong, fast air motor. The well balanced, low vibration impact mechanism and negligible torque reaction ensures low operator fatigue. Light-weight.
- Designed for heavy industry applications and high speed process lines.
- Flexible - each tool has a wide torque range to suit many applications.
- Ideal for truck engine work, and general heavy maintenance.

TWIN HAMMER SYSTEM



- Twin hammer impacts lead to balanced torque.
- More power per pound than pin clutch system.
- Easy to operate, low - cost maintenance, high performance.
- More sensitive to air pressure regulation than any other tools.

TWO HAMMER SYSTEM



- Two hammer type impact wrenches offer well-balanced fastening & loosening performance with minimal torque reaction this insure longer life of impact clutches.
- Great flexibility. Each tool has a wide torque range to suit many different applications.
- Ideal for general industry, automotive repair & body-shop applications.

JUMBO HAMMER SYSTEM



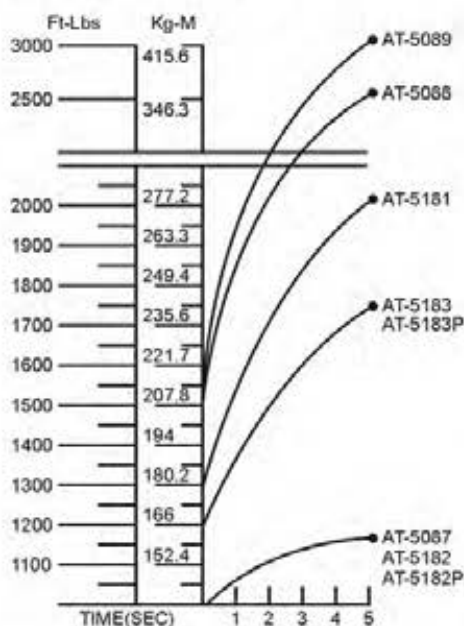
- Instant high torque, striking power and stable torque out put.
- Easy to maintain, with durable and long.
- An ideal all-round system.

PIN-LESS HAMMER MECHANISM

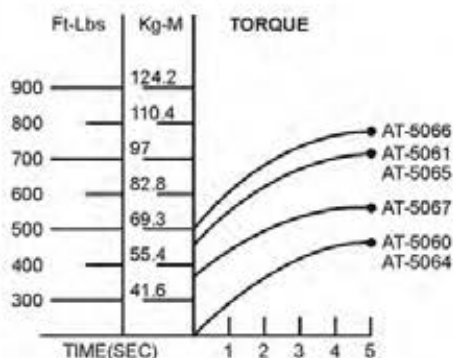


- One body structure impact mechanism by way of hammer bar and hammer dog.
- Endurable and heavy-duty impact mechanism.
- An instant blow of strong torque.
- Ideal for heavy work.

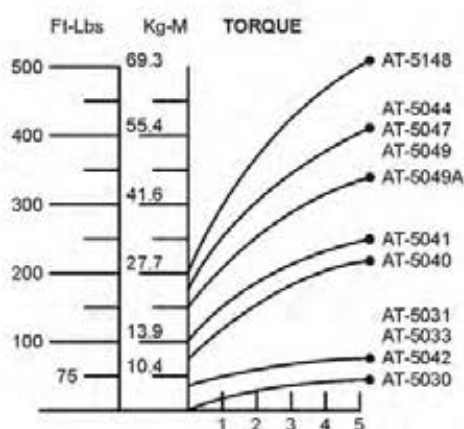
1" IMPACT WRENCH TORQUE



3/4" IMPACT WRENCH TORQUE



1/2" IMPACT WRENCH TORQUE



1" & 1-1/2" IMPACT WRENCH

- AT-5088** 1" Impact wrench
AT-5088L 1" Impact wrench w/8" anvil
AT-5089 1-1/2" Impact wrench
AT-5089L 1-1/2" Impact wrench w/8" anvil



- AT-5382** 1" Impact wrench
AT-5382L 1" Impact wrench w/8" anvil



- AT-5188** 1" Impact wrench
AT-5188L 1" Impact wrench w/8" anvil
AT-5189 1-1/2" Impact wrench



- AT-5186** 1" Impact wrench
AT-5186L 1" Impact wrench w/8" anvil



- AT-5384** 1" Impact wrench
AT-5384-6 1" Impact wrench w/6" anvil



- AT-5380** 1" Impact wrench
AT-5380-6 1" Impact wrench w/6" anvil



Model No.	Square Drive	Capacity Bolt Size		Free Speed RPM	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/Gr. Wt/Cuft (kg)	Sug. Air Comp. (HP)
		inch	mm		ft-lb	N.m.	inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-5088	1"	2	50	3000	2500	3390	16.93	430	1/2"	1/2"	24	679	33.28	15.10	90-115	6.3-8	1/Ctn/18.7 kg/1.5	7.5
AT-5088L	1"	2	50	3000	2500	3390	24.80	630	1/2"	1/2"	24	679	37.16	16.86	90-115	6.3-8	1/Ctn/20.6 kg/1.5	7.5
AT-5089	1 1/2"	2	50	3000	2500	3390	16.93	430	1/2"	1/2"	24	679	34.82	15.80	90-115	6.3-8	1/Ctn/19.3 kg/1.5	7.5
AT-5089L	1 1/2"	2	50	3000	2500	3390	24.80	630	1/2"	1/2"	24	679	41.44	18.80	90-115	6.3-8	1/Ctn/24 kg/1.5	7.5
AT-5186	1"	1 1/2	38	4000	1800	2441	15.00	381	1/2"	1/2"	25	708	20.50	9.30	90-115	6.3-8	2/Ctn/21.2 kg/1.47'	7.5
AT-5186L	1"	1 1/2	38	4000	1800	2441	21.10	536	1/2"	1/2"	25	708	23.60	10.60	90-115	6.3-8	2/Ctn/23.8 kg/1.47'	7.5
AT-5188	1"	2	50	3000	2500	3390	18.70	475	1/2"	1/2"	24	679	33.00	14.50	90-115	6.3-8	1/Ctn/16.3 kg/0.84	7.5
AT-5188L	1"	2	50	3000	2500	3390	26.18	665	1/2"	1/2"	24	679	36.10	16.40	90-115	6.3-8	1/Ctn/18.4 kg/1.1	7.5
AT-5189	1 1/2"	2	50	3000	2500	3390	18.70	475	1/2"	1/2"	24	679	33.10	15.10	90-115	6.3-8	1/Ctn/16.9/0.84	7.5
AT-5380	1"	1 1/4	36	5000	1600	2170	14.67	370	1/2"	1/2"	19	538	16.31	7.40	90-115	6.3-8	2/Ctn/17 kg/1.28'	6
AT-5380-6	1"	1 1/4	36	5000	1600	2170	19.17	487	1/2"	1/2"	19	538	17.86	8.10	90-115	6.3-8	2/Ctn/19 kg/1.28'	6
AT-5382	1"	1 1/4	45	4800	2400	3254	14.67	370	1/2"	1/2"	22	623	23.75	10.50	90-115	6.3-8	1/Ctn/11.7 kg/0.65'	7.5
AT-5382L	1"	1 1/4	45	4800	2400	3254	22.44	570	1/2"	1/2"	22	623	26.23	11.90	90-115	6.3-8	1/Ctn/13.9 kg/1"	7.5
AT-5384	1"	1 1/2	38	4000	1800	2441	15.10	384	1/2"	1/2"	22	623	24.70	11.20	90-115	6.3-8	1/Ctn/13.2 kg/1.02	7.5
AT-5384-6	1"	1 1/2	38	4000	1800	2441	20.20	514	1/2"	1/2"	22	623	27.60	12.50	90-115	6.3-8	1/Ctn/14.4 kg/1.5	7.5

L : with 8" anvil -6 : with 6" anvil

1" IMPACT WRENCH

AT-5280 1" Impact wrench
AT-5280-6 1" Impact wrench w/6" anvil



AT-5284 1" Impact wrench
AT-5284-6 1" Impact wrench w/6" anvil



AT-5185 1" Impact wrench
AT-5185-6 1" Impact wrench w/6" anvil



AT-5281 1" Impact wrench
AT-5281L 1" Impact wrench w/8" anvil



AT-5080 1" Impact wrench
AT-5086 1" Impact wrench w/6" anvil



Model No.	Square Drive	Capacity Bolt Size		Free Speed RPM	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G. Wt/Cuft (kg)	Sug. Air Comp. (HP)
		inch	mm		ft-lb	N.m.	inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-5080	1"	1 1/4	32	3000	1400	1898	16.54	420	1/2"	1/2"	24.5	693	28.56	12.96	90	6.3	2/Ctn/27.5 kg/1.7'	7.5
AT-5086	1"	1 1/4	32	3000	1400	1898	20.87	530	1/2"	1/2"	24.5	693	30.86	14.00	90	6.3	2/Ctn/29.5 kg/1.7'	7.5
AT-5185	1"	1 3/8	36	4000	1500	2034	16.35	390	1/2"	1/2"	22.0	623	22.26	10.10	90-115	6.3-8	1/Ctn/13.2 kg/1.5'	7.5
AT-5185-6	1"	1 3/8	36	4000	1500	2034	21.26	540	1/2"	1/2"	22.0	623	24.86	11.30	90-115	6.3-8	1/Ctn/14.4 kg/1.5'	7.5
AT-5280	1"	1 1/4	30	4000	1300	1763	13.78	350	3/8"	1/2"	19.0	538	14.55	6.60	90-115	6.3-8	2/Ctn/14.5 kg/1.7'	5
AT-5280-6	1"	1 1/4	30	4000	1300	1763	19.69	500	3/8"	1/2"	19.0	538	16.75	7.60	90-115	6.3-8	2/Ctn/16.5 kg/1.7'	5
AT-5281	1"	1 3/8	36	3500	1600	2170	14.76	375	1/2"	1/2"	23.5	665	21.10	9.60	90	6.3	2/Ctn/22.2 kg/1.47'	7.5
AT-5281L	1"	1 3/8	36	3500	1600	2170	20.87	530	1/2"	1/2"	23.5	665	24.20	11.00	90	6.3	2/Ctn/24.5 kg/1.47'	7.5
AT-5284	1"	1 1/2	38	3800	1800	2441	14.37	365	1/2"	1/2"	22.0	623	24.20	11.00	90-115	6.3-8	2/Ctn/23.5 kg/1.7'	7.5
AT-5284-6	1"	1 1/2	38	3800	1800	2441	20.27	515	1/2"	1/2"	22.0	623	26.45	12.00	90-115	6.3-8	2/Ctn/25.5 kg/1.7'	7.5

L : with 8" anvil -6 : with 6" anvil

1" IMPACT WRENCH

 **AT-5380P** 1" Impact wrench



 **AT-5186P** 1" Impact wrench



 **AT-5281P** 1" impact wrench



 **AT-5289P** 1" composite impact wrench



 **AT-5287P**
1" impact wrench
 



 **AT-5381P**
1" composite impact wrench



AT-5285P
1" impact wrench



Model No.	Square Drive	Capacity Bolt Size		Free Speed RPM	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G. W/Cuft (kg)	Sug. Air Com (HP)
		inch	mm		ft-lb	N.m.	inch	mm			scfm	l/min	lb	kg	psi	kg/cnf		
AT-5186P	1"	1 ³ / ₈	36	3500	1600	2170	11.81	300	1/2"	1/2"	23.5	665	21.20	9.60	90-115	6.3-8	2/Ctn/22.0 kg/1.35'	7.5
AT-5281P	1"	1 ¹ / ₂	32	3600	1400	1898	11.81	300	1/2"	1/2"	20.0	566	21.10	9.60	90	6.3	2/Ctn/22.0 kg/1.35'	7.5
AT-5285P	1"	1 ¹ / ₂	30	6500	1100	1492	8.50	216	3/8"	1/2"	16.0	453	13.55	6.15	90	6.3	4/Ctn/25.5 kg/1.3'	5
AT-5287P	1"	1 ¹ / ₂	28	7500	1000	1356	8.39	213	3/8"	1/2"	14.0	396	9.03	4.10	90	6.3	4/Ctn/19 kg/1.3'	5
AT-5289P	1"	1 ¹ / ₂	28	6500	1000	1356	9.25	235	3/8"	1/2"	16.0	453	8.00	3.64	90	6.3	4/Ctn/17 kg/1.32'	5
AT-5380P	1"	1 ³ / ₈	34	6000	1500	2034	10.82	275	1/2"	1/2"	18.0	509	16.32	7.40	90	6.3	2/Ctn/17.2 kg/1.24'	7.5
AT-5381P	1"	1 ¹ / ₂	30	6500	1100	1492	8.90	227	3/8"	1/2"	16.0	453	8.60	3.90	90	6.3	4/Ctn/18.1 kg/1.24'	5

P : pistol type

3/4" IMPACT WRENCH

AT-5069 3/4" Air impact wrench
AT-5069-4 3/4" Air impact wrench w/4" anvil



AT-5261 3/4" Composite air impact wrench



4 positive power settings;
full power in reverse one-handed F/R control

AT-5267 3/4" Air impact wrench



AT-5169 3/4" Composite air impact wrench



AT-5363 3/4" Composite air impact wrench



AT-5266 3/4" Air impact wrench



AT-5165 3/4" Air impact wrench



AT-5066 3/4" Air impact wrench
AT-5066L 3/4" Air impact wrench w/6" anvil



Model No.	Square Drive	Capacity Bolt Size		Free Speed RPM	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
		inch	mm		ft-lb	N.m.	inch	mm			scfm	l/min	lb	kg	psi	kg/cm²		
AT-5066	3/4"	1	25	6500	800	110	8.98	228	1/4"	3/8"	14	396	10.00	4.55	90	6.3	4/Ctn/20.7 kg/1.32'	5
AT-5066L	3/4"	1	25	6500	800	110	13.78	350	1/4"	3/8"	14	396	11.20	5.10	90	6.3	4/Ctn/23.6 kg/1.48'	5
AT-5069	3/4"	1 1/8	28	4000	950	1288	12.60	320	3/8"	1/2"	19	538	11.20	5.10	90	6.3	4/Ctn/22.5 kg/1.5'	5
AT-5069-4	3/4"	1 1/8	28	4000	950	1288	14.37	365	3/8"	1/2"	19	538	11.60	5.25	90	6.3	4/Ctn/23.5 kg/1.5'	5
AT-5165	3/4"	1 1/8	30	5500	1000	1356	8.50	216	3/8"	1/2"	16	453	13.55	6.15	90	6.3	4/Ctn/25.6 kg/1.3'	5
AT-5169	3/4"	1 1/8	28	5500	1000	1356	9.25	235	3/8"	1/2"	16	453	8.00	3.64	90	6.3	4/Ctn/17 kg/1.32'	5
AT-5261	3/4"	1 1/8	28	6500	1050	1424	8.74	222	3/8"	1/2"	16	453	8.16	3.70	90	6.3	4/Ctn/17.4 kg/1.24'	5
AT-5266	3/4"	1 1/8	32	4500	1200	1627	8.46	215	3/8"	3/8"	14	396	11.0	5.00	90	6.3	4/Ctn/23.0 kg/1.32'	5
AT-5267	3/4"	1 1/8	28	7500	1000	1356	8.39	213	3/8"	3/8"	14	396	8.80	4.00	90	6.3	4/Ctn/19 kg/1.3'	5
AT-5363	3/4"	1 1/8	30	6500	1100	1492	8.90	227	3/8"	1/2"	16	453	9.41	4.27	90	6.3	4/Ctn/22.0 kg/1.32'	5

-4 : with 4" anvil

3/4" IMPACT WRENCH

AT-5262 3/4" Air impact wrench



AT-5067 3/4" Air impact wrench



AT-5065 3/4" Air impact wrench



AT-5060 3/4" Air impact wrench



AT-5061 3/4" Air impact wrench



AT-5060K 14 pcs 3/4" impact wrench kit
AT-5061K 14 pcs 3/4" impact wrench kit



AT-5065K 14 pcs 3/4" impact wrench kit

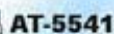


Model No.	Square Drive	Capacity Bolt Size		Free Speed RPM	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/CuFt (kg)	Sug. Air Comp. (HP)
		Inch	mm		ft-lb	N.m.	Inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-5060	3/4"	3/4	18	5000	500	69.0	9.49	241	1/4"	3/8"	14.5	410	9.96	4.52	90	6.3	4/Ctn/20.0 kg/1.28'	5
AT-5061	3/4"	1	25	4800	800	110.0	9.84	250	1/4"	3/8"	14	396	10.40	4.70	90	6.3	4/Ctn/21.0 kg/1.32'	5
AT-5065	3/4"	1	25	4800	800	110.0	9.45	240	1/4"	3/8"	14.5	410	10.98	4.98	90	6.3	4/Ctn/22.3 kg/1.32'	5
AT-5067	3/4"	3/4	18	6800	650	90.0	8.66	220	1/4"	3/8"	15	425	6.52	2.96	90	6.3	8/Ctn/26.2 kg/1.2'	5
AT-5262	3/4"	13/16	20	7500	700	96.6	7.00	178	1/4"	3/8"	12	340	5.91	2.68	90	6.3	8/Ctn/24.5 kg/1.2'	3

Model No.	AT-5060K	AT-5061K	AT-5065K
Contents	1 Pc AT-5060 8 Pcs Air Socket : 26,27,29,30,32,35, 36,38 mm 2 Pcs Hex. Wrench (4, 5 mm) 1 Pc Nipple 1 Pc Oil Pot 1 Pc Plastic Case Packing : 2 Sets/Ctn/18.5 kg/1.79'	1 Pc AT-5061 8 Pcs Air Socket : 26,27,29,30,32,35, 36,38 mm 2 Pcs Hex. Wrench (4, 5 mm) 1 Pc Nipple 1 Pc Oil Pot 1 Pc Plastic Case Packing : 2 Sets/Ctn/19 kg/1.79'	1 Pc AT-5065 8 Pcs Air Socket : 26,27,29,30,32,35, 36,38 mm 2 Pcs Hex. Wrench (4, 5 mm) 1 Pc Nipple 1 Pc Oil Pot 1 Pc Plastic Case Packing : 2 Sets/Ctn/20 kg/1.79'

K : kit

1/2" IMPACT WRENCH



AT-5541
1/2" Composite air impact wrench



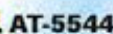
Handle exhaust with muffler



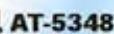
AT-3340
1/2" Composite air impact wrench



Handle exhaust with muffler



1/2" Composite air impact wrench



1/2" Composite air impact wrench



Handle exhaust with muffler



AT-5443
1/2" Composite air impact wrench
(Oil bathed impact mechanism)



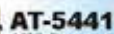
Handle exhaust with muffler



AT-5643
1/2" Composite air impact wrench



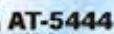
Handle exhaust with muffler



AT-5441
1/2" Composite air impact wrench



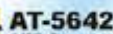
Handle exhaust with muffler



AT-5444
1/2" Composite air impact wrench
(Oil bathed impact mechanism)



Handle exhaust with muffler



AT-5642
1/2" Composite air impact wrench



Handle exhaust with muffler

Model No.	Square Drive	Capacity Bolt Size		Free Speed RPM	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Continuous Air Consumption		Net Weight		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
		inch	mm		ft-lb	N.m.	inch	mm			scfm	l/min	lb	kg		
AT-5348	1/2"	3/4	18	7000	600	814	7.83	199	1/4"	3/8"	13	368	4.40	2.00	10/Ctn/23.2 kg /1.57'	3
AT-5441	1/2"	1/2	12	11000	250	339	6.81	173	1/4"	3/8"	10	283	2.98	1.35	10/Ctn/15 kg /1.26'	3
AT-5443	1/2"	5/8	16	7000	500	678	7.87	200	1/4"	3/8"	13	368	4.98	2.26	10/Ctn/25.5 kg /1.57'	3
AT-5444	1/2"	1/2	12	9500	230	312	6.81	173	1/4"	3/8"	10	283	3.24	1.47	10/Ctn/16 kg /1.26'	3
AT-5540	1/2"	1/2	12	10000	300	407	7.20	182	1/4"	3/8"	10	283	2.76	1.25	8/Ctn/10.6 kg /1.3'	3
AT-5541	1/2"	3/4	18	8000	600	814	7.76	197	1/4"	3/8"	13	368	5.07	2.30	8/Ctn/21.2 kg /1.3'	3
AT-5544	1/2"	1/2	12	10000	400	542	4.44	113	1/4"	3/8"	13	368	3.04	1.38	12/ Ctn/18.5 kg /0.95'	3
AT-5642	1/2"	1/2	12	13000	350	476	6.18	157	1/4"	3/8"	14	396	3.37	1.53	10/Ctn/17.5 kg /1.26'	3
AT-5643	1/2"	3/4	18	9500	600	814	7.48	190	1/4"	3/8"	15	425	5.11	2.32	8/Ctn/21.2 kg /1.3'	3

Ⓢ Recommended Air Pressure : 90 psi (6.3 kg/cm²)

1/2" IMPACT WRENCH

AT-5640
1/2" Air impact wrench



Handle exhaust with muffler

AT-5542
1/2" Air impact wrench



Handle exhaust with muffler

AT-5148
1/2" Air impact wrench



Handle exhaust with muffler

AT-5044
1/2" Air impact wrench



Front exhaust

AT-5247
1/2" Air impact wrench



Handle exhaust with muffler

AT-5343
1/2" Air impact wrench



Side exhaust

AT-5043
1/2" air impact wrench



Front exhaust

AT-5041
1/2" Air impact wrench



Front exhaust

AT-5040
1/2" Air impact wrench



Front exhaust

Model No.	Square Drive	Capacity Bolt Size		Free Speed RPM	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Continuous Air Consumption		Net Weight		Packing Pcs/Ctn/G.W/CuFt (kg)	Sug. Air Comp. (HP)
		inch	mm		ft-lb	N.m.	inch	mm			scfm	l/min	lb	kg		
AT-5040	1/2"	1/2	12	7000	230	312	7.00	178	1/4"	3/8"	13.5	382	4.94	2.24	10/Ctn/25 kg /1.6"	3
AT-5041	1/2"	5/8	16	7000	320	434	7.48	190	1/4"	3/8"	10.5	297	5.07	2.30	10/Ctn/25 kg /1.6"	3
AT-5043	1/2"	5/8	16	7000	380	515	7.48	190	1/4"	3/8"	13.0	368	6.04	2.74	10/ Ctn/29.5 kg /1.6"	3
AT-5044	1/2"	5/8	16	7000	700	678	7.28	185	1/4"	3/8"	12.0	340	5.80	2.64	8/Ctn/23.6 kg /1.2"	3
AT-5148	1/2"	3/4	18	7000	600	949	7.76	197	1/4"	3/8"	15.0	425	6.31	2.86	8/Ctn/24.5 kg /1.2"	3
AT-5247	1/2"	5/8	16	7000	500	678	7.28	185	1/4"	3/8"	12.0	340	5.73	2.60	8/Ctn/23 kg /1.2"	3
AT-5343	1/2"	5/8	16	6000	700	542	7.28	185	1/4"	3/8"	12.0	340	5.60	2.54	5/Ctn/14 kg /0.9"	3
AT-5542	1/2"	3/4	18	7500	700	949	7.00	178	1/4"	3/8"	12.0	340	5.78	2.62	8/Ctn/24 kg /1.3"	3
AT-5640	1/2"	3/4	18	9000	700	949	5.55	141	1/4"	3/8"	11.0	311	4.01	1.82	10/Ctn/20 kg /1.6"	3

● Recommended Air Pressure : 90 psi (6.3 kg/cm²)

1/2" MINI AIR IMPACT WRENCH

AT-5546
1/2" Air impact wrench



Handle exhaust with muffler

AT-5646
1/2" Air impact wrench



Side exhaust

AT-5445
1/2" Air impact wrench



Handle exhaust with muffler

AT-5645
1/2" air impact wrench



Handle exhaust

AT-5644
1/2" Air impact wrench



Handle exhaust

AT-5641
1/2" Air impact wrench



Handle exhaust

AT-5344
1/2" Air impact wrench



Handle exhaust with muffler

AT-5244
1/2" Air impact wrench



Handle exhaust

AT-5042
1/2" Air impact wrench



Front exhaust

Model No.	Square Drive	Capacity Bolt Size		Free Speed RPM	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Continuous Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cubt (kg)	Sug. Air Comp. (HP)
		Inch	mm		ft-lb	N.m.	Inch	mm			scfm	l/min	lb	kg		
AT-5042	1/2"	1/2	13	9000	190	258	5.87	149	1/4"	3/8"	10	283	3.04	1.38	10/Ctn/16.2 kg /1.1'	3
AT-5244	1/2"	1/2	13	6500	300	414	7.68	195	1/4"	3/8"	11.5	325	3.95	1.79	10/Ctn/21.5 kg /1.57'	3
AT-5344	1/2"	1/2	13	12000	300	407	5.71	145	1/4"	3/8"	10	283	3.53	1.60	10/Ctn/17.5 kg /0.83'	3
AT-5445	1/2"	5/8	16	10000	400	542	5.04	128	1/4"	3/8"	10	283	3.46	1.57	8/Ctn/15.1 kg /1.3'	3
AT-5546	1/2"	5/8	16	11000	400	542	3.90	99	1/4"	3/8"	12	340	3.00	1.36	10/Ctn/15.5 kg /0.9'	3
AT-5641	1/2"	5/8	16	10000	480	651	4.45	113	1/4"	3/8"	10	283	3.31	1.50	10/Ctn/17 kg /0.9'	3
AT-5644	1/2"	5/8	16	10000	450	610	4.09	104	1/4"	3/8"	10	283	3.19	1.45	10/Ctn/16.6 kg /0.9'	3
AT-5645	1/2"	5/8	16	10000	450	610	4.09	104	1/4"	3/8"	10	283	3.02	1.37	10/Ctn/15.7 kg /0.9'	3
AT-5646	1/2"	5/8	16	9000	400	542	3.46	88	1/4"	3/8"	10	283	2.78	1.26	10/Ctn/15 kg /0.9'	3

● Recommended Air Pressure : 90 psi (6.3 kg/cm²)

1/2" IMPACT WRENCH

AT-5447
1/2" Air angle impact wrench



Handle exhaust with muffler.

AT-5341J
1/2" Air impact wrench



Handle exhaust with muffler.

AT-5446
1/2" Air impact wrench



Side exhaust

AT-5440J
1/2" Air impact wrench



Side exhaust

AT-5000
17 pcs impact wrench & ratchet wrench kit



AT-5044K
17 pcs impact wrench kit



AT-5004
17 pcs impact wrench kit



AT-5005
17 pcs impact wrench kit



Model No.	Square Drive	Capacity Bolt Size		Free Speed RPM	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Continuous Air Consumption		Net Weight		Packing Pcs/Ctn/G. W/Cuft (kg)	Sug. Air Comp. (HP)
		Inch	mm		ft-lb	N.m.	Inch	mm			scfm	l/min	lb	kg		
AT-5341J	1/2"	3/8	10	8500	160	217	6.26	159	1/4"	3/8"	8	226	2.76	1.25	10/Ctn/16 kg /0.6'	3
AT-5440J	1/2"	3/8	10	7500	140	190	8.27	210	1/4"	3/8"	6	170	2.43	1.10	20/Ctn/25 kg /1'	2
AT-5446	1/2"	1/2	13	9500	200	271	5.91	160	1/4"	3/8"	8	226	3.15	1.43	10/Ctn/16 kg /1.26'	3
AT-5447	1/2"	1/2	13	7100	160	217	13.40	340	1/4"	3/8"	11	311	4.03	1.83	10/Ctn/21.4 kg /1.13'	3

Model No.	AT-5000	AT-5004	AT-5005	AT-5044K
Contents	1 Pc AT-5040 1 Pc AT-5053 10 Pcs Air Socket 9,10,11,13,14,17,19,22,24,27 mm 1 Pc Oil Pot 1 Pc 4mm Hex. Wrench 1 Pc Nipple 1 Pc Mini Oiler 1 Pc Plastic Case Packing : 4 Sets/Ctn/23 kgs/1.44'	1 Pc AT-5040 10 Pcs Air Socket 9,10,11,13,14,17,19,22,24,27 mm 1 Pc 5" Extension Bar 1 Pc Oil Pot 1 Pc Hex. Wrench 1 Pc Nipple 1 Pc Mini Oiler 1 Pc Plastic Case Packing : 4 Sets/Ctn/19 kgs/1.25'	1 Pc AT-5041 10 Pcs Air Socket 9,10,11,13,14,17,19,22,24,27 mm 1 Pc 5" Extension Bar 1 Pc Oil Pot 1 Pc Hex. Wrench 1 Pc Nipple 1 Pc Mini Oiler 1 Pc Plastic Case Packing : 4 Sets/Ctn/19 kgs/1.25'	1 Pc AT-5044 10 Pcs Air Socket 9,10,11,13,14,17,19,22,24,27 mm 1 Pc 5" Extension Bar 1 Pc Oil Pot 1 Pc Hex. Wrench 1 Pc Nipple 1 Pc Mini Oiler 1 Pc Plastic Case Packing : 4 Sets/Ctn/20.5 kgs/1.25'

3/8" IMPACT WRENCH

AT-5236
3/8" Air impact wrench



Handle exhaust

AT-5237
3/8" Air impact wrench



Handle exhaust

AT-5134
3/8" Air impact wrench



Handle exhaust with muffler

AT-5231
3/8" Composite air impact wrench



Handle exhaust with muffler.

AT-5332
3/8" Composite air impact wrench



Handle exhaust

AT-5133
3/8" Air impact wrench



Handle exhaust

AT-5233
3/8" Composite air impact wrench
(Oil bathed impact mechanism)



Handle exhaust with muffler.

AT-5331
3/8" Composite air impact wrench



Handle exhaust with muffler.

AT-5031
3/8" Air impact wrench



Front exhaust

Model No.	Square Drive	Capacity Bolt Size		Free Speed RPM	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kg)	Sug. Air Comp. (HP)
		inch	mm		ft-lb	N.m.	inch	mm			scfm	l/min	lb	kg		
AT-5031	3/8"	1/2	13	9000	190	258	6.10	155	1/4"	3/8"	10	283	2.53	1.16	16/Ctn/24 kg /1.22'	3
AT-5133	3/8"	7/16	11	10000	140	190	5.91	150	1/4"	3/8"	8	226	2.97	1.35	10/Ctn/17 kg /1.3	2
AT-5134	3/8"	1/2	13	12000	250	339	5.71	145	1/4"	3/8"	10	283	3.53	1.60	10/Ctn/17.5 kg /0.83'	3
AT-5231	3/8"	1/2	12	11000	250	339	6.81	173	1/4"	3/8"	10	283	2.98	1.35	10/Ctn/16 kg /1.26'	3
AT-5233	3/8"	1/2	12	9000	230	312	6.69	170	1/4"	3/8"	10	283	3.24	1.47	10/Ctn/17 kg /1.26'	3
AT-5236	3/8"	1/2	12	11000	350	475	3.90	99	1/4"	3/8"	12	340	3.00	1.36	10/Ctn/15.5 kg/0.9'	3
AT-5237	3/8"	1/2	12	11000	350	475	4.25	108	1/4"	3/8"	12	340	3.12	1.42	10/Ctn/16 kg/0.9'	3
AT-5331	3/8"	1/2	12	13500	350	475	7.20	182	1/4"	3/8"	10	283	2.67	1.21	8/Ctn/12.2 kg /1.3'	3
AT-5332	3/8"	1/2	12	10000	300	407	6.18	157	1/4"	3/8"	10	283	3.35	1.52	8/Ctn/14 kg /1.3'	3

● Recommended Air Pressure : 90 psi (6.3 kg/cm²)

3/8" & 1/4" IMPACT WRENCH

AT-5020
1/4" Air impact wrench



Handle exhaust with muffler

AT-5039
3/8" Air impact wrench



Handle exhaust with muffler

AT-5135
3/8" Air impact wrench



Handle exhaust with muffler

AT-5230
3/8" Air impact wrench



Side exhaust

AT-5130
3/8" Air impact wrench



Side exhaust

AT-5030
3/8" Air impact wrench



Side exhaust

AT-5137
3/8" Air impact wrench



Side exhaust

AT-5232
3/8" Air angle impact wrench



Rear exhaust

AT-5033
3/8" Air impact wrench



Front exhaust

Model No.	Square Drive	Capacity Bolt Size		Free Speed RPM	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kg)	Sug. Air Comp. (HP)
		inch	mm		ft-lb	N.m	inch	mm			scfm	l/min	lb	kg		
AT-5020	1/4"	5/16	8	9000	100	136	5.91	150	1/4"	5/16"	12	340	2.53	1.15	10/Ctn/15 kg /0.9'	3
AT-5030	3/8"	5/16	8	10000	75	102	6.30	160	1/4"	3/8"	8	226	1.98	0.90	20/Ctn/20 kg /0.7'	2
AT-5033	3/8"	5/16	8	10000	75	102	6.00	127	1/4"	3/8"	8	226	2.51	1.14	10/Ctn/13 kg /0.9'	2
AT-5039	3/8"	3/8	10	9000	130	176	6.00	152	1/4"	3/8"	12	340	2.64	1.20	10/Ctn/15 kg /0.6'	3
AT-5130	3/8"	3/8	10	9500	125	170	7.09	180	1/4"	3/8"	8.5	241	2.31	1.05	20/Ctn/23 kg /0.9'	3
AT-5135	3/8"	5/16	8	9000	100	136	5.91	150	1/4"	5/16"	12	340	2.53	1.15	10/Ctn/15 kg /0.9'	3
AT-5137	3/8"	5/16	8	8000	100	136	7.87	200	1/4"	5/16"	7	198	2.20	1.00	20/Ctn/25 kg /1'	2
AT-5230	3/8"	5/16	8	10000	100	136	6.10	154	1/4"	5/16"	8	226	1.63	0.74	20/Ctn/17 kg /0.7'	2
AT-5232	3/8"	5/16	8	8500	60	81	10.43	265	1/4"	5/16"	7	198	3.48	1.58	20/Ctn/31 kg /1.4'	2

⊗ Recommended Air Pressure : 90 psi (6.3 kg/cm²)

AIR RATCHET WRENCH

AT-5353
1/2" Air impact ratchet wrench



AT-5351
1/2" Air impact ratchet wrench



AT-5159
1/2" Air ratchet wrench



AT-5057
1/2" Air ratchet wrench



AT-5253
1/2" Air ratchet wrench



AT-5053
1/2" Air ratchet wrench



AT-5054
1/2" Air ratchet wrench



Model No.	Square Drive	Capacity Bolt Size		Free Speed RPM	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W./Cuft (kg)	Sug. Air Comp. (HP)
		Inch	mm		ft-lb	N.m.	Inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-5053	1/2"	3/8	10	160	50	68	10.43	265	1/4"	3/8"	9.5	269	2.64	1.2	90	6.3	20/Ctn/27.0 kg /1.05'	2
AT-5054	1/2"	1/2	12	150	90	122	14.41	366	1/4"	3/8"	13	368	4.40	2.0	90	6.3	10/Ctn/21.3 kg /0.57'	3
AT-5057	1/2"	3/8	10	160	60	81	10.43	265	1/4"	3/8"	9.5	269	2.64	1.2	90	6.3	20/Ctn/27.0 kg /1.05'	2
AT-5159	1/2"	1/2	12	270	80	108	12.40	315	1/4"	3/8"	12	340	3.44	1.56	90	6.3	12/Ctn/20.5 kg /0.61'	3
AT-5253	1/2"	3/8	10	160	55	75	10.55	268	1/4"	3/8"	9	250	2.51	1.14	90	6.3	20/Ctn/25 kg /1.2'	2
AT-5351	1/2"	3/8	10	400	50	68	11.61	295	1/4"	3/8"	9	250	2.78	1.26	90	6.3	20/Ctn/29.0 kg /1.3'	2
AT-5353	1/2"	1/2	12	500	120	163	13.68	345	1/4"	3/8"	11	311	3.88	1.76	90	6.3	10/Ctn/24.3 kg /1.05'	3

3/8" AIR RATCHET WRENCH

AT-5352
3/8" Air impact ratchet wrench



AT-5350
3/8" Air impact ratchet wrench



AT-5153
3/8" Air ratchet wrench



AT-5158
3/8" Air ratchet wrench



AT-5252
3/8" Air ratchet wrench



AT-5056
3/8" Air ratchet wrench



AT-5251
3/8" Air ratchet wrench



AT-5257
3/8" Air ratchet wrench



AT-5052
3/8" Air ratchet wrench



Model No.	Square Drive	Capacity Bolt Size		Free Speed RPM	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W./Cft (kg)	Sug. Air Comp. (HP)
		inch	mm		ft-lb	N.m.	inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-5052	3/8"	3/8	10	160	50	6.9	10.24	260	1/4"	3/8"	10	283	2.60	1.18	90	6.3	20/Ctn/24.2 kg /0.9'	2
AT-5056	3/8"	3/8	10	160	60	81	10.43	265	1/4"	3/8"	9.5	241	2.60	1.18	90	6.3	20/Ctn/27.0 kg /1.05'	2
AT-5153	3/8"	1/4	6	270	20	27	8.07	205	1/4"	1/4"	8	226	1.45	0.66	90	6.3	30/Ctn/22.8 kg /0.84'	2
AT-5158	3/8"	1/2	12	270	80	108	12.40	315	1/4"	3/8"	12	340	3.44	1.56	90	6.3	12/Ctn/20.5 kg /0.61'	3
AT-5251	3/8"	1/4	6	260	15	20	5.12	130	1/4"	1/4"	5	142	0.99	0.45	90	6.3	20/Ctn/11 kg /0.3'	2
AT-5252	3/8"	3/8	10	160	55	75	10.55	268	1/4"	3/8"	9	250	2.51	1.14	90	6.3	20/Ctn/25 kg /1.2'	2
AT-5257	3/8"	1/4	6	260	20	27	6.30	160	1/4"	1/4"	6	170	1.10	0.50	90	6.3	20/Ctn/12 kg /0.3'	2
AT-5350	3/8"	3/8	10	400	50	68	11.61	295	1/4"	3/8"	9	250	2.78	1.26	90	6.3	20/Ctn/29.0 kg /1.3'	2
AT-5352	3/8"	1/2	12	500	120	163	13.58	345	1/4"	3/8"	11	311	3.88	1.76	90	6.3	10/Ctn/24.3 kg /1.05'	3

1/4" AIR RATCHET WRENCH & KIT

AT-5152
1/4" Air ratchet wrench



AT-5256
1/4" Air ratchet wrench



AT-5250
1/4" Air ratchet wrench



AT-5055
1/4" Air ratchet wrench



AT-5001
17 pcs 3/8" Air ratchet wrench kit
AT-5002
17 pcs 1/2" Air ratchet wrench kit



AT-5056K
17 pcs 3/8" Air ratchet wrench kit
AT-5057K
17 pcs 1/2" Air ratchet wrench kit



Model No.	Square Drive	Capacity Bolt Size		Free Speed RPM	Max. Torque		Overall Length		Air Inlet (PT)		Air Hose Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/CuFt (kg)	Sug. Air Comp. (HP)
		Inch	mm		ft-lb	N.m.	Inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-5055	1/4"	1/4	6	250	15	2.1	7.09	180	1/4"	1/4"	8	226	1.10	0.50	90	6.3	30/Ctn/22.0 kg /0.7'	2
AT-5152	1/4"	1/4	6	270	20	27	8.07	205	1/4"	1/4"	8	226	1.45	0.66	90	6.3	30/Ctn/22.8 kg /0.84'	2
AT-5250	1/4"	1/4	6	260	15	20	5.12	130	1/4"	1/4"	5	142	0.99	0.45	90	6.3	20/Ctn/11 kg /0.3'	2
AT-5256	1/4"	1/4	6	260	20	27	6.30	160	1/4"	1/4"	6	170	1.10	0.50	90	6.3	20/Ctn/12 kg /0.3'	2

Model No.	AT-5001	AT-5002	AT-5056K	AT-5057K
Contents	1 Pc AT-5052 air ratchet wrench 7 Pcs impact socket : 10,11,12,13,14,17,19 mm 1 Pc 3"L extension bar 1 Pc 3"L bit extension bar 1 Pc U-joint 1 Pc oil pot 3 Pcs bit 1 Pc male coupler 1 Pc blow case Packing : 5 Set/Ctn/13 kg/0.84'	1 Pc AT-5053 air ratchet wrench 7 Pcs impact socket : 10,11,12,13,14,17,19 mm 1 Pc 3"L extension bar 1 Pc 3"L bit extension bar 1 Pc U-joint 1 Pc oil pot 3 Pcs bit 1 Pc male coupler 1 Pc blow case Packing : 5 Set/Ctn/13 kg/0.84'	1 Pc AT-5056 air ratchet wrench 7 Pcs impact socket : 10,11,12,13,14,17,19 mm 1 Pc 3"L extension bar 1 Pc 3"L bit extension bar 1 Pc U-joint 1 Pc oil pot 3 Pcs bit 1 Pc male coupler 1 Pc blow case Packing : 5 Set/Ctn/13 kg/0.84'	1 Pc AT-5057 air ratchet wrench 7 Pcs impact socket : 10,11,12,13,14,17,19 mm 1 Pc 3"L extension bar 1 Pc 3"L bit extension bar 1 Pc U-joint 1 Pc oil pot 3 Pcs bit 1 Pc male coupler 1 Pc blow case Packing : 5 Set/Ctn/13 kg/0.84'

AUTO SHUT-OFF OPEN-END WRENCH

One Step Operation

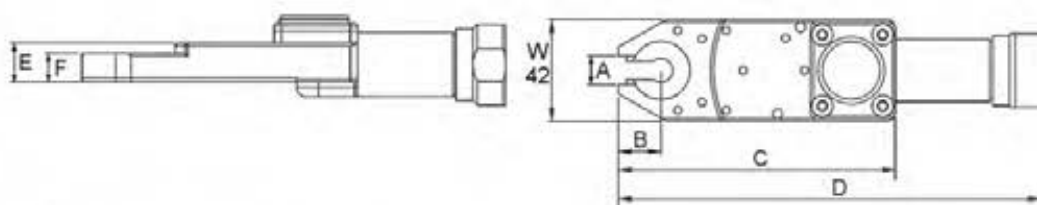
- Press (1) and (2) together for operation
- Press (2) for releasing the bear socket back to the position

Easy Torque Adjustment

External torque adjustment design allow end-user to "roughly adjust" the tools to the desired torque.



Partial through & through type of gear sockets are available upon request for more application requirements. Gear with lip to prevent disengagement from the nut. Small head design offers better access to hard-to-reach work spaces.



Non-reversible Type

Model No.	Free Speed	Torque Range		Socket Size	Net Weight		Air Inlet (PT)	Air Hose (ID) mm	Head Size					
		ft-lb	N.m.		lb	kg			A	B	C	D	E	F
AT-5210NA	230	2.2~5.9	3~8	6,8,9,10,11,12	4.4	2.0	1/4"	8	12	17.3	112.9	172.6	16	10
AT-5210NB	230	3.7~12.5	5~17	6,8,9,10,11,12	4.4	2.0	1/4"	8	12	17.3	112.9	172.6	16	10
AT-5211NA	230	3.7~12.5	5~17	13,14	4.8	2.2	1/4"	8	19	17	123.2	177	16	12
AT-5211NB	170	5.2~17.7	7~24	15,17,19,21,22	4.8	2.2	1/4"	8	19	17	123.2	177	16	12

Fastening & Reversing Type

Model No.	Free Speed	Torque Range		Socket Size	Net Weight		Air Inlet (PT)	Air Hose (ID) mm	Head Size					
		ft-lb	N.m.		lb	kg			A	B	C	D	E	F
AT-5210RA	230	2.2~5.9	3~8	6,8,9,10,11,12	4.4	2.0	1/4"	8	12	17.3	112.9	172.6	16	10
AT-5210RB	230	3.7~12.5	5~17	6,8,9,10,11,12	4.4	2.0	1/4"	8	12	17.3	112.9	172.6	16	10
AT-5211RA	230	3.7~12.5	5~17	13,14	4.8	2.2	1/4"	8	19	17	123.2	177	16	12
AT-5211RB	170	5.2~17.7	7~24	15,17,19,21,22	4.8	2.2	1/4"	8	19	17	123.2	177	16	12

AIR RATCHET BOX WRENCH

AT-5110-06 6mm
AT-5110-07 7mm
AT-5110-08 8mm
AT-5110-09 9mm
AT-5110-10 10mm
AT-5110-11 11mm
AT-5110-12 12mm



AT-5111-10 10mm
AT-5111-11 11mm
AT-5111-12 12mm
AT-5111-13 13mm
AT-5111-14 14mm



AT-5112-15 15mm
AT-5112-16 16mm
AT-5112-17 17mm
AT-5112-18 18mm
AT-5112-19 19mm



AT-5113-21 21mm
AT-5113-22 22mm
AT-5113-23 23mm
AT-5113-24 24mm
AT-5113-26 26mm
AT-5113-27 27mm



Head Size	Model No.	A		B		C		D		E		F	
		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
	AT-5110	20	0.79	13.2	0.52	20	0.79	10.2	0.40	38.2	1.50	88.2	3.47
	AT-5111	25.2	0.99	18	0.71	26	1.02	12.2	0.48	44.4	1.75	109	4.29
	AT-5112	33.2	1.31	18	0.71	26	1.02	16.6	0.65	51	2.01	115	4.53
	AT-5113	41	1.61	18	0.71	26	1.02	20.5	0.81	59	2.32	123	4.84

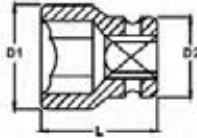
FEATURES :

- The ratchet wrench can be used in narrow working spaces and can fasten bolts and nuts easily. This special tool can be reached tight place that other air tools can not.
- Remove: loosen nut by wrench then take nut out with air ratchet.
- Fasten: Push trigger to polisher the nut then lock it with torque wrench.

SPECIFICATIONS (at 90psi-6.2bar)

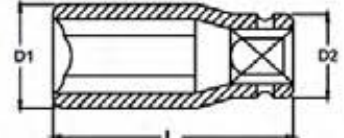
Model No.	Hex. Box size mm	Free Speed RPM	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight	
			ft-lb	N.m.	inch	mm			scfm	l/min	lb	kg
AT-5110	6, 7, 8, 9, 10, 11, 12	180	10	13.6	11.02	280	1/4"	3/8"	6	170	2.82	1.28
AT-5111	10, 11, 12, 13, 14	200	18	25	13.39	340	1/4"	3/8"	8	226	4.21	1.91
AT-5112	15, 16, 17, 18, 19	150	60	81	15.35	390	1/4"	3/8"	12	340	5.33	2.42
AT-5113	21, 22, 23, 24, 26, 27	130	66	90	15.66	398	1/4"	3/8"	12	340	5.46	2.48

1/2" & 3/8" IMPACT SOCKET



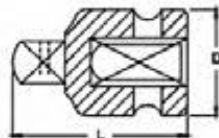
	Model No.	Size (mm)	D1 (mm)	D2 (mm)	L (mm)
3/8" DR. Regular length impact socket (DIN 3129. CR-MO)					
3/8"	D031-07M	7	12.1	19	32
	D031-08M	8	13.5	19	32
	D031-09M	9	14.6	19	32
	D031-10M	10	15.9	19	32
	D031-11M	11	17.2	19	32
	D031-12M	12	18.4	19	32
	D031-13M	13	19.6	22	32
	D031-14M	14	20.9	22	32
	D031-16M	16	23.4	22	32
	D031-17M	17	24.6	22	32
	D031-18M	18	25.9	22	32
	D031-19M	19	27.1	22	32
	D031-21M	21	30.3	22	32
	D031-22M	22	31.6	22	32

1/2" DR. Regular length impact socket (DIN 3129. CR-MO)					
1/2"	D041-08M	8	14.6	25	38
	D041-09M	9	15.8	25	38
	D041-10M	10	17.1	25	38
	D041-11M	11	18.4	25	38
	D041-12M	12	19.6	25	38
	D041-13M	13	20.8	25	38
	D041-14M	14	22.1	25	38
	D041-15M	15	23.3	30	38
	D041-16M	16	24.6	30	38
	D041-17M	17	25.8	30	38
	D041-18M	18	27.1	30	38
	D041-19M	19	28.3	30	38
	D041-21M	21	30.8	30	38
	D041-22M	22	32.3	30	38
	D041-23M	23	33.3	30	43
	D041-24M	24	34.6	30	43
	D041-27M	27	38.3	30	43
	D041-30M	30	42.1	30	48
	D041-32M	32	44.6	30	48

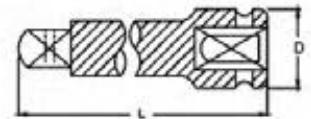


	Model No.	Size (mm)	D1 (mm)	D2 (mm)	L (mm)
3/8" DR. Deep length impact socket (DIN 3129. CR-MO)					
3/8"	D033-07M	7	12.1	19	63
	D033-08M	8	13.5	19	63
	D033-09M	9	14.6	19	63
	D033-10M	10	15.9	19	63
	D033-11M	11	17.2	19	63
	D033-12M	12	18.4	19	63
	D033-13M	13	19.6	22	63
	D033-14M	14	20.9	22	63
	D033-16M	16	23.4	22	63
	D033-17M	17	24.6	22	63
	D033-18M	18	25.9	22	63
	D033-19M	19	27.1	22	63
	D033-21M	21	30.3	22	63
	D033-22M	22	31.6	22	63

1/2" DR. Regular length impact socket (DIN 3129. CR-MO)					
1/2"	D043-08M	8	14.6	25	78
	D043-09M	9	15.8	25	78
	D043-10M	10	17.1	25	78
	D043-11M	11	18.4	25	78
	D043-12M	12	19.6	25	78
	D043-13M	13	20.8	25	78
	D043-14M	14	22.1	25	78
	D043-15M	15	23.3	30	78
	D043-16M	16	24.6	30	78
	D043-17M	17	25.8	30	78
	D043-18M	18	27.1	30	78
	D043-19M	19	28.3	30	78
	D043-21M	21	30.8	30	78
	D043-22M	22	32.3	30	78
	D043-23M	23	33.3	30	78
	D043-24M	24	34.6	30	78
	D043-27M	27	38.3	30	78
	D043-30M	30	42.1	30	78
	D043-32M	32	44.6	30	78

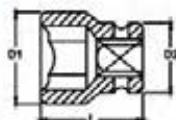


	Model No.	Size	D (mm)	L (mm)
3/8" & 1/2" Adapter (DIN 3129. CR-MO)				
3/8"	D03A-08M	1/2"	22	28
1/2"	D04A-06M	3/8"	25	38
	D04A-12M	3/4"	30	48



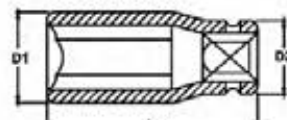
	Model No.	Size	D (mm)	L (mm)
3/8" & 1/2" Extension bar (DIN 3129. CR-MO)				
3/8"	D03E-03M	3"	19	75
	D03E-06M	6"	19	150
1/2"	D04E-03M	3"	25	75
	D04E-05M	5"	25	125
	D04E-10M	10"	25	250

3/4" & 1" IMPACT SOCKET



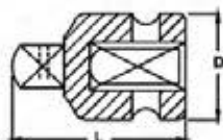
	Model No.	Size (mm)	D1 (mm)	D2 (mm)	L (mm)
3/4" DR. Regular length impact socket (DIN 3129. CR-MO)					
3/4"	D061-17M	17	30.1	44	50
	D061-19M	19	32.6	44	50
	D061-21M	21	35.1	44	50
	D061-22M	22	36.6	44	50
	D061-23M	23	37.6	44	50
	D061-24M	24	38.9	44	50
	D061-26M	26	41.3	44	53
	D061-27M	27	42.6	44	53
	D061-30M	30	46.4	44	53
	D061-32M	32	48.9	44	56
	D061-33M	33	50.6	44	56
	D061-36M	36	53.9	44	56
	D061-38M	38	56.4	44	57
	D061-40M	40	58.9	44	57
	D061-41M	41	60.1	44	57
	D061-42M	42	61.4	44	57
	D061-46M	46	66.4	44	62
	D061-47M	47	67.6	44	67
	D061-50M	50	71.4	54	72

	Model No.	Size (mm)	D1 (mm)	D2 (mm)	L (mm)
1" DR. Regular length impact socket (DIN 3129. CR-MO)					
1"	D081-19M	19	35.6	54	58
	D081-21M	21	38.1	54	58
	D081-23M	23	40.6	54	58
	D081-24M	24	41.9	54	58
	D081-27M	27	45.6	54	58
	D081-28M	28	47.0	54	58
	D081-30M	30	49.4	54	60
	D081-31M	31	50.6	54	60
	D081-32M	32	51.9	54	61
	D081-33M	33	53.6	54	61
	D081-35M	35	55.7	54	61
	D081-36M	36	56.9	54	65
	D081-38M	38	59.4	54	65
	D081-41M	41	63.1	54	65
	D081-46M	46	69.4	54	74
	D081-50M	50	74.4	54	74
	D081-55M	55	80.7	54	85
	D081-60M	60	87.1	54	89

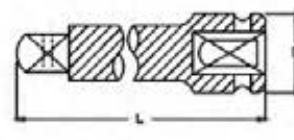


	Model No.	Size (mm)	D1 (mm)	D2 (mm)	L (mm)
3/4" DR. Deep length impact socket (DIN 3129. CR-MO)					
3/4"	D063-17M	17	30.1	44	90
	D063-19M	19	32.6	44	90
	D063-21M	21	35.1	44	90
	D063-22M	22	36.6	44	90
	D063-23M	23	37.6	44	90
	D063-24M	24	38.9	44	90
	D063-26M	26	41.3	44	90
	D063-27M	27	42.6	44	90
	D063-30M	30	46.4	44	90
	D063-32M	32	48.9	44	90
	D063-33M	33	50.6	44	90
	D063-36M	36	53.9	44	90
	D063-38M	38	56.4	44	90
	D063-40M	40	58.9	44	90
	D063-41M	41	60.1	44	90
	D063-42M	42	61.4	44	90
	D063-46M	46	66.4	44	90
	D063-47M	47	67.6	44	90
	D063-50M	50	71.4	54	90

	Model No.	Size (mm)	D1 (mm)	D2 (mm)	L (mm)
1" DR. Deep length impact socket (DIN 3129. CR-MO)					
1"	D083-19M	19	35.6	54	90
	D083-21M	21	38.1	54	90
	D083-23M	23	40.6	54	90
	D083-24M	24	41.9	54	90
	D083-27M	27	45.6	54	90
	D083-28M	28	47.0	54	90
	D083-30M	30	49.4	54	90
	D083-31M	31	50.6	54	90
	D083-32M	32	51.9	54	90
	D083-33M	33	53.6	54	90
	D083-35M	35	55.7	54	90
	D083-36M	36	56.9	54	90
	D083-38M	38	59.4	54	90
	D083-41M	41	63.1	54	90
	D083-46M	46	69.4	54	100
	D083-50M	50	74.4	54	100
	D083-55M	55	80.7	54	100
	D083-60M	60	87.1	54	120



	Model No.	Size (mm)	D (mm)	L (mm)
3/4" & 1" Adapter (DIN 3129. CR-MO)				
3/4"	D06A-08M	1/2"	44	58
	D06A-16M	1"	44	63
1"	D08A-12M	3/4"	54	75



	Model No.	Size (mm)	D (mm)	L (mm)
3/4" & 1" Extension bar (DIN 3129. CR-MO)				
3/4"	D06E-06M	6"	44	150
	D06E-08M	8"	44	200
	D06E-10M	10"	44	250
1"	D08E-06M	6"	54	150
	D08E-08M	8"	54	200



	Model No.	Size (mm)	L (mm)	D (mm)	Wt. (g)
3/8" Drive Hex. Impact socket (DIN 3129, CR-MO)					
3/8"	D03H-04M	4	52	20	55
	D03H-05M	5	52	20	57
	D03H-06M	6	52	20	60
	D03H-07M	7	52	20	63
	D03H-08M	8	52	20	67
	D03H-10M	10	52	20	74
	D03H-12M	12	52	20	85
1/2" Drive Hex. Impact socket (DIN 3129, CR-MO)					
1/2"	D04H-04M	4	60	25	74
	D04H-05M	5	60	25	76
	D04H-06M	6	60	25	79
	D04H-08M	8	60	25	87
	D04H-10M	10	60	25	96
	D04H-12M	12	60	25	106
	D04H-14M	14	60	25	120
	D04H-16M	16	60	25	135
	D04H-17M	17	60	25	146
	D04H-19M	19	60	25	162
	D04H-22M	22	60	25	185
1/2" Drive Deep Hex. Impact socket (DIN 3129, CR-MO)					
1/2"	D04HD-04M	4	78	25	78
	D04HD-05M	5	78	25	81
	D04HD-06M	6	78	25	86
	D04HD-08M	8	78	25	100
	D04HD-10M	10	78	25	114
	D04HD-12M	12	78	25	132
	D04HD-14M	14	78	25	155
	D04HD-16M	16	78	25	180
	D04HD-17M	17	78	25	191
	D04HD-19M	19	78	25	216
	D04HD-22M	22	78	25	255
3/4" Drive Hex. Impact socket (DIN 3129, CR-MO)					
3/4"	D06H-14M	14	105	42	401
	D06H-17M	17	105	42	438
	D06H-19M	19	105	42	491
	D06H-22M	22	105	42	561
	D06H-24M	24	105	42	607
	D06H-27M	27	105	42	687

	Model No.	Size (mm)	L (mm)	D (mm)	Wt. (g)
3/8" Drive Torx Impact socket (DIN 3129, CR-MO)					
3/8"	D03TR-20M	T-20	52	20	55
	D03TR-25M	T-25	52	20	58
	D03TR-27M	T-27	52	20	56
	D03TR-30M	T-30	52	20	58
	D03TR-40M	T-40	52	20	61
	D03TR-45M	T-45	52	20	64
	D03TR-50M	T-50	52	20	67
1/2" Drive Torx Impact socket (DIN 3129, CR-MO)					
1/2"	D04TR-25M	T-25	60	25	75
	D04TR-27M	T-27	60	25	76
	D04TR-30M	T-30	60	25	77
	D04TR-40M	T-40	60	25	80
	D04TR-45M	T-45	60	25	88
	D04TR-50M	T-50	60	25	93
	D04TR-55M	T-55	60	25	101
	D04TR-60M	T-60	60	25	111
	D04TR-70M	T-70	60	25	122
1/2" Drive Deep Torx Impact socket (DIN 3129, CR-MO)					
1/2"	D04TRD-25M	T-25	78	25	79
	D04TRD-27M	T-27	78	25	80
	D04TRD-30M	T-30	78	25	81
	D04TRD-40M	T-40	78	25	84
	D04TRD-45M	T-45	78	25	92
	D04TRD-50M	T-50	78	25	96
	D04TRD-55M	T-55	78	25	110
	D04TRD-60M	T-60	78	25	128
	D04TRD-70M	T-70	78	25	145
3/4" Drive Torx Impact socket (DIN 3129, CR-MO)					
3/4"	D06TR-70M	T-70	105	42	400
	D06TR-80M	T-80	105	42	420
	D06TR-90M	T-90	105	42	440
	D06TR-100M	T-100	105	42	490

IMPACT SOCKET SET

	Model	Description
	309ASS	9 Pcs 3/8" Impact Socket SAE Size : 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", Metal Box Packing : 40 set/24 kg/0.6'
	309ASM	9 Pcs 3/8" Impact Socket Metric Size : 8, 10, 11, 12, 13, 14, 17, 19, Metal Box Packing : 40 set/24 kg/0.6'
	309ADS	9 Pcs 3/8" Deep Impact Socket SAE Size : 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", Metal Box Packing : 20 set/24 kg/0.45'
	309ADM	9 Pcs 3/8" Deep Impact Socket Metric Size : 8, 10, 12, 13, 14, 15, 17, 19, Metal Box Packing : 20 set/24 kg/0.45'
	411ASS	11 Pcs 1/2" Impact Socket SAE Size : 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", Metal Box Packing : 20 set/26 kg/0.6'
	411ASM	11 Pcs 1/2" Impact Socket Metric Size : 11, 12, 13, 14, 16, 17, 19, 21, 22, 24, Metal Box Packing : 20 set/26 kg/0.6'
	412ADS	12 Pcs 1/2" Deep Impact Socket SAE Size : 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", Metal Box Packing : 10 set/29 kg/0.5'
	412ADM	12 Pcs 1/2" Deep Impact Socket Metric Size : 10, 11, 12, 13, 14, 16, 17, 19, 21, 22, 24, Metal Box Packing : 10 set/29 kg/0.5'
	609ASSB	9 Pcs 3/4" Impact Socket SAE Size : 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4", Metal Box Packing : 12 set/24 kg/0.5'
	609ASMB	9 Pcs 3/4" Impact Socket Metric Size : 19, 21, 22, 24, 26, 27, 29, 32, Metal Box Packing : 12 set/24 kg/0.5'
	609ADSA	9 Pcs 3/4" Deep Impact Socket SAE Size : 1", 1-1/16", 1-1/8", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", Metal Box Packing : 4 set/24 kg/0.6'
	609ADMA	9 Pcs 3/4" Deep Impact Socket Metric Size : 26, 27, 29, 30, 32, 35, 36, 38, Metal Box Packing : 4 set/24 kg/0.6'
	806ASS	6 Pcs 1" Impact Socket SAE Size : 1-1/4", 1-3/8", 1-7/16", 1-1/2", 1-5/8", Metal Box Packing : 6 set/24 kg/0.5'
	806ASM	6 Pcs 1" Impact Socket Metric Size : 32, 35, 36, 38, 41, Metal Box Packing : 6 set/24 kg/0.5'
	808ADS	8 Pcs 1" Deep Impact Socket SAE Size : 13/16", 15/16", 1", 1-1/16", 1-1/8", 1-1/4", 1-1/2", Metal Box Packing : 4 set/31 kg/0.62'
	808ADM	8 Pcs 1" Deep Impact Socket Metric Size : 21, 24, 26, 27, 29, 32, 38, Metal Box Packing : 4 set/31 kg/0.62'

AIR IMPACT SCREWDRIVER (PISTOL TYPE)

AT-4071
Air impact screwdriver



AT-4077
Air impact screwdriver



AT-4078
Air impact screwdriver



AT-4079
Air impact screwdriver



AT-4175
Air impact screwdriver



AT-4176
Air impact screwdriver



Model No.	Hex. Shank Size		Capacity bolt Size		Free Speed RPM	Working Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G. Wt/Cuft (kg)	Sug. Air Comp. (MP)
	Inch	mm	Inch	mm		ft-lb	N.m	Inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-4071	1/4	6.35	1/4	6-8	10000	65	88	6.10	155	1/4"	3/8"	7.5	212	3.04	1.38	90	6.3	10/Ctn/17 kg/1.3'	2
AT-4077	1/4	6.35	1/4	6-8	8000	70	95	6.10	155	1/4"	3/8"	12.0	340	2.51	1.14	90	6.3	10/Ctn/13 kg/0.6'	3
AT-4078	1/4	6.35	5/16	8-10	8000	85	115	6.38	162	1/4"	3/8"	12.0	340	2.56	1.16	90	6.3	10/Ctn/13 kg/0.6'	3
AT-4079	1/4	6.35	3/8	10	7500	100	136	6.54	185	1/4"	3/8"	12.0	340	2.60	1.18	90	6.3	10/Ctn/14 kg/0.6'	3
AT-4175	1/4	6.35	5/16	8	9500	80	108	6.10	155	1/4"	3/8"	9.0	255	3.13	1.42	90	6.3	10/Ctn/16 kg/1.26'	3
AT-4176	1/4	6.35	1/2	12	12000	140	190	5.71	145	1/4"	3/8"	10.0	283	3.13	1.60	90	6.3	10/Ctn/17.5 kg/0.83'	3

AIR IMPACT SCREWDRIVER (PISTOL TYPE)

AT-4069
Air impact screwdriver



AT-4171
Air impact screwdriver



AT-4174
Composite air impact screwdriver



AT-4074
Air impact screwdriver



AT-4076
Air impact screwdriver



AT-4172B
Air impact screwdriver



AT-4068
Air impact screwdriver



Model No.	Hex. Shank Size		Capacity bolt Size		Free Speed RPM	Working Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
	inch	mm	inch	mm		ft-lb	N.m.	inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-4068	1/4	6.35	3/16	4-5	10000	30	41	6.10	155	1/4"	3/8"	7	198	1.98	0.90	90	6.3	15/Ctn/16kg/1.3'	2
AT-4069	1/4	6.35	1/4	6-8	7000	50	68	7.09	180	1/4"	3/8"	7	198	2.64	1.20	90	6.3	10/Ctn/14kg/0.9'	2
AT-4074	1/4	6.35	3/16	4-5	11000	30	41	6.10	155	1/4"	3/8"	7	198	1.98	0.90	90	6.3	15/Ctn/16kg/1.3'	2
AT-4076	1/4	6.35	1/4	5-6	8500	40	54	6.93	176	1/4"	3/8"	9	255	2.53	1.15	90	6.3	10/Ctn/13.9kg/1.2'	2
AT-4171	1/4	6.35	5/16	8	7700	80	108	7.68	195	1/4"	3/8"	7	198	2.87	1.30	90	6.3	10/Ctn/15kg/0.9'	2
AT-4172B	1/4	6.35	3/16	4-5	10000	30	41	6.10	155	1/4"	3/8"	7	198	1.96	0.89	90	6.3	10/Ctn/11kg/0.7'	2
AT-4174	1/4	6.35	3/16	5	16000	40	55	7.28	185	1/4"	3/8"	9	255	1.76	0.88	90	6.3	10/Ctn/11kg/0.9'	2

AIR IMPACT SCREWDRIVER (STRAIGHT TYPE)

AT-4165
Air Impact screwdriver



AT-4166
Air Impact screwdriver



AT-4167
Air Impact screwdriver



AT-4161
Air Impact screwdriver



AT-4263
Air Impact screwdriver



AT-4264
Air Impact screwdriver



AT-4170
Air Impact screwdriver



AT-4070A
Air Impact screwdriver



AT-4060A
Air Impact screwdriver



AT-4060
Air Impact screwdriver



AT-4067
Angle Impact screwdriver



AT-4262
Angle Impact screwdriver



Model No.	Hex. Shank Size		Capacity bolt Size		Free Speed RPM	Working Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
	Inch	mm	Inch	mm		ft-lb	N.m.	Inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-4060	1/4	6.35	3/16	4-5	11000	25	34	7.00	178	1/4"	5/16"	5.0	142	1.54	0.70	90	6.3	20/Ctn/16kg/1.1'	2
AT-4060A	1/4	6.35	3/16	4-5	11000	25	34	7.28	185	1/4"	5/16"	5.0	142	1.59	0.72	90	6.3	20/Ctn/16kg/1.1'	2
AT-4067	1/4	6.35	3/16	5	6500	30	41	10.24	260	1/4"	5/16"	7.3	207	3.20	1.45	90	6.3	20/Ctn/31kg/1.4'	2
AT-4070A	1/4	6.35	1/4	6	7000	50	68	8.86	220	1/4"	5/16"	7.5	212	2.34	1.06	90	6.3	20/Ctn/25kg/1.1'	2
AT-4161	1/4	6.35	5/16	6-8	9500	60	81	6.50	165	1/4"	5/16"	8.5	241	2.30	1.05	90	6.3	20/Ctn/25kg/1.72'	2
AT-4165	1/4	6.35	3/16	5	9000	25	34	7.17	182	1/4"	5/16"	6.0	170	1.65	0.75	90	6.3	20/Ctn/20kg/0.85'	2
AT-4166	1/4	6.35	1/4	6	8000	55	75	7.83	199	1/4"	5/16"	7.0	198	2.09	0.95	90	6.3	20/Ctn/24kg/0.85'	2
AT-4167	1/4	6.35	5/16	8	8000	65	88	7.87	200	1/4"	5/16"	7.0	198	2.18	0.99	90	6.3	20/Ctn/25kg/0.85'	2
AT-4170	1/4	6.35	5/16	8	8000	80	108	8.07	205	1/4"	5/16"	7.0	198	2.20	1.00	90	6.3	20/Ctn/25kg/1.1'	2
AT-4262	1/4	6.35	3/16	4-5	7500	20	27.1	9.17	233	1/4"	5/16"	6.0	170	2.69	1.22	90	6.3	20/Ctn/26 kg /1.9'	2
AT-4263	1/4	6.35	1/4	6-8	8500	70	95	9.06	230	1/4"	5/16"	7.0	198	2.62	1.19	90	6.3	20/Ctn/27Kg/0.88'	2
AT-4264	1/4	6.35	5/16	8	8500	85	115	9.06	230	1/4"	5/16"	7.0	198	2.67	1.21	90	6.3	20/Ctn/27Kg/0.88'	2

CUSHION CLUTCH AIR SCREWDRIVER



AT-4184

External adjustable clutch
air screwdriver (2500rpm)



AT-4083

External adjustable clutch
air screwdriver (1800rpm)



AT-4084

External adjustable clutch
air screwdriver (800rpm)



AT-4181

External adjustable clutch
air screwdriver (2400rpm)



AT-4086

Adjustable clutch
air screwdriver (1800rpm)



AT-4087

Adjustable clutch
air screwdriver (800rpm)



AT-4080

Adjustable clutch
air screwdriver (1800rpm)



AT-4080A

Adjustable clutch
air screwdriver (800rpm)



AT-4182

Adjustable clutch
air screwdriver (1800rpm)



AT-4183

Adjustable clutch
air screwdriver (800rpm)



Model No.	Hex. Shank Size		Capacity bolt Size		Free Speed RPM	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
	inch	mm	inch	mm		in-lb	N.m.	inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-4080	1/4	6.35	3/16	5	1800	45-115	5.1~13	8.27	210	1/4"	3/8"	12.0	340	2.51	1.14	90	6.3	10/Ctn/14Kg/0.91'	3
AT-4080A	1/4	6.35	1/4	6	800	45-145	5.1~16.4	8.86	225	1/4"	3/8"	12.0	340	2.91	1.32	90	6.3	10/Ctn/15Kg/0.91'	3
AT-4083	1/4	6.35	3/16	5	1800	22-80	2.5~9	8.86	225	1/4"	3/8"	9.5	269	2.82	1.28	90	6.3	10/Ctn/14Kg/1'	3
AT-4084	1/4	6.35	3/16	5	800	22-106	2.5~12	9.61	244	1/4"	3/8"	9.5	269	3.15	1.43	90	6.3	10/Ctn/15Kg/1'	3
AT-4086	1/4	6.35	3/16	5	1800	45-115	5.1~13	8.27	210	1/4"	3/8"	12.0	340	2.56	1.16	90	6.3	10/Ctn/14Kg/0.91'	3
AT-4087	1/4	6.35	1/4	6	800	45-145	5.1~16.4	9.25	230	1/4"	3/8"	12.0	340	2.91	1.32	90	6.3	10/Ctn/15Kg/0.91'	3
AT-4181	1/4	6.35	3/16	5	2400	106	12.0	8.66	220	1/4"	3/8"	6.5	184	2.64	1.20	90	6.3	10/Ctn/14Kg/0.91'	3
AT-4182	1/4	6.35	3/16	5	1800	45-115	5.1~13	7.68	195	1/4"	3/8"	10.0	283	2.65	1.20	90	6.3	10/Ctn/14Kg/0.91'	3
AT-4183	1/4	6.35	1/4	6	800	45-145	5.1~16.4	8.27	210	1/4"	3/8"	10.0	283	2.98	1.35	90	6.3	10/Ctn/15Kg/0.91'	3
AT-4184	1/4	6.35	1/4	6	2500	150	17.0	8.34	212	1/4"	3/8"	10.0	283	2.38	1.08	90	6.3	10/Ctn/13Kg/0.91'	3

CUSHION CLUTCH AIR SCREWDRIVER

AT-4057
External adjustable clutch
air screwdriver (800rpm)



AT-4058
External adjustable clutch
air screwdriver (800 rpm)



AT-4059
External adjustable clutch
air screwdriver (1400 rpm)



AT-4151
External adjustable clutch
air screwdriver (800 rpm)



AT-4152
External adjustable clutch
air screwdriver (1400 rpm)



AT-4053
External adjustable clutch
air screwdriver (1800rpm)



AT-4054
External adjustable clutch
air screwdriver (800rpm)



AT-4051A
Cushion clutch air screwdriver



AT-4050 Clutch air screwdriver
AT-4050A Clutch air screwdriver



AT-4085
Cushion clutch air screwdriver



AT-4052
Cushion clutch angle air screwdriver



Model No.	Hex. Shank Size		Capacity bolt Size		Free Speed RPM	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W./Cnft (kg)	Sug. Air Comp. (HP)
	Inch	mm	Inch	mm		in-lb	N.m.	Inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-4050	1/4	6.35	1/8	3	1700	30	3.4	9.25	235	1/4"	1/4"	5.5	156	1.34	0.61	90	6.3	20/Ctn/14Kg/1.1'	1.5
AT-4050A	1/4	6.35	1/8	3	1700	30	3.4	9.25	235	1/4"	1/4"	5.5	156	1.34	0.61	90	6.3	20/Ctn/14Kg/1.1'	1.5
AT-4051A	1/4	6.35	5/32	4	1800	36	4	8.66	220	1/4"	1/4"	4.5	127	1.37	0.62	90	6.3	20/Ctn/14Kg/1.1'	1.5
AT-4052	1/4	6.35	5/32	4	1600	36	4	9.25	230	1/4"	1/4"	5.0	142	1.68	0.76	90	6.3	20/Ctn/19Kg/1.4'	1.5
AT-4053	1/4	6.35	3/16	5	1800	22-71	2.5-8	10.43	265	1/4"	3/8"	8.2	232	2.51	1.14	90	6.3	20/Ctn/24Kg/1.4'	2
AT-4054	1/4	6.35	3/16	5	800	22-97	2.5-11	11.14	283	1/4"	3/8"	8.2	232	2.69	1.22	90	6.3	20/Ctn/26Kg/1.4'	2
AT-4057	1/4	6.35	3/32	2.5	800	26	3	8.90	226	1/4"	1/4"	4.0	113	1.68	0.76	90	6.3	20/Ctn/17Kg/1.1'	1.5
AT-4058	1/4	6.35	5/32	4	800	44	5	10.98	279	1/4"	1/4"	5.0	141	2.14	0.97	90	6.3	20/Ctn/22Kg/1.4'	1.5
AT-4059	1/4	6.35	5/32	4	1450	44	5	10.98	279	1/4"	1/4"	5.0	141	2.14	0.97	90	6.3	20/Ctn/22Kg/1.4'	1.5
AT-4085	1/4	6.35	3/16	5	1800	115	13	10.43	265	1/4"	3/8"	10.0	283	2.56	1.16	90	6.3	10/Ctn/14Kg/0.6'	2
AT-4151	1/4	6.35	5/32	4	800	62	7	13.15	334	1/4"	1/4"	5.0	141	2.76	1.25	90	6.3	10/Ctn/16Kg/0.8'	1.5
AT-4152	1/4	6.35	5/32	4	1400	62	7	13.15	334	1/4"	1/4"	5.0	141	2.76	1.25	90	6.3	10/Ctn/16Kg/0.8'	1.5

AIR SHUT-OFF CLUTCH SCREWDRIVER



AT-4110

Straight type lever to start shut-off air screwdriver
(800 rpm)

AT-4111

Straight type lever to start shut-off air screwdriver
(1450 rpm)



AT-4112

Pistol type shut-off air screwdriver
(800 rpm)

AT-4113

Pistol type shut-off air screwdriver
(1450 rpm)



AT-4114

Angle type shut-off air screwdriver
(800 rpm)

AT-4115

Angle type shut-off air screwdriver
(1450 rpm)



AT-4010

Push to start shut-off air screwdriver
(750 rpm)

AT-4011

Push to start shut-off air screwdriver
(2500 rpm)



AT-4010H

Push to start shut-off air screwdriver
(750 rpm)

AT-4011H

Push to start shut-off air screwdriver
(2500 rpm)



AT-4013

Push to start shut-off air screwdriver
(1000 rpm)



AT-4014

Push to start shut-off air screwdriver
(950 rpm)

AT-4015

Push to start shut-off air screwdriver
(650 rpm)



Model No.	Hex. Shank Size		Capacity bolt Size mm	Free Speed RPM	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W./Ctn (kg)	Sug. Air Comp. (HP)
	inch	mm			in-lb	N-m	inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-4010	5/32	4	2	2500	1.8-3.1	0.2-0.35	7.00	178	1/4"	1/4"	4.0	113	0.77	0.35	90	6.3	10/Ctn/7Kg/0.9'	1.5
AT-4010H	1/4	6.35	2	2500	1.8-3.1	0.2-0.35	7.28	185	1/4"	1/4"	4.0	113	0.55	0.25	90	6.3	20/Ctn/8Kg/0.9'	1.5
AT-4011	5/32	4	2.5	750	3.1~8.9	0.35~1.0	7.48	190	1/4"	1/4"	4.0	113	0.82	0.37	90	6.3	10/Ctn/7Kg/0.9'	1.5
AT-4011H	1/4	6.35	2.5	750	3.1~8.9	0.35~1.0	7.60	192	1/4"	1/4"	4.0	113	0.60	0.27	90	6.3	20/Ctn/8.5Kg/0.9'	1.5
AT-4013	1/4	6.35	3.5	1000	10.6~19.5	1.2~2.2	9.02	229	1/4"	1/4"	5.0	142	1.56	0.71	90	6.3	20/Ctn/14Kg/1.4'	2
AT-4014	1/4	6.35	4~5	950	17.7~42.5	2.0~4.8	9.84	250	1/4"	1/4"	5.5	156	2.05	0.93	90	6.3	10/Ctn/12Kg/1.2'	2
AT-4015	1/4	6.35	5~6	650	26.6~62	3.0~7.0	9.84	250	1/4"	1/4"	5.5	156	2.05	0.93	90	6.3	10/Ctn/12Kg/1.2'	2
AT-4110	1/4	6.35	4	800	14.2~27.5	1.6~3.1	11.22	285	1/4"	1/4"	7.0	198	2.09	0.95	90	6.3	10/Ctn/12Kg/1.2'	2
AT-4111	1/4	6.35	4	1450	10.6~21.3	1.2~2.4	11.22	285	1/4"	1/4"	7.0	198	2.09	0.95	90	6.3	10/Ctn/12Kg/1.2'	2
AT-4112	1/4	6.35	4	800	14.2~27.5	1.6~3.1	7.68	195	1/4"	1/4"	7.0	198	2.16	0.98	90	6.3	10/Ctn/12Kg/1.2'	2
AT-4113	1/4	6.35	4	1450	10.6~21.3	1.2~2.4	7.68	195	1/4"	1/4"	7.0	198	2.16	0.98	90	6.3	10/Ctn/12Kg/1.2'	2
AT-4114	1/4	6.35	5	800	19.5~38.1	2.2~4.3	13.39	340	1/4"	1/4"	7.0	198	2.69	1.22	90	6.3	10/Ctn/14Kg/1.2'	2
AT-4115	1/4	6.35	4	1450	10.6~21.3	1.2~2.4	13.39	340	1/4"	1/4"	7.0	198	2.69	1.22	90	6.3	10/Ctn/14Kg/1.2'	2

● Recommended Air Pressure : 90 psi (6.3 kg/cm²)

AIR SHUT-OFF CLUTCH SCREWDRIVER PISTOL TYPE

AT-4016P15
Shut-off clutch air screwdriver (1,500 rpm)
AT-4016P11
Shut-off clutch air screwdriver (1,100 rpm)



AT-4017P16
Shut-off clutch air screwdriver (1,600 rpm)
AT-4017P09
Shut-off clutch air screwdriver (900 rpm)



AT-4018P17
Shut-off clutch air screwdriver (1,700 rpm)
AT-4018P11
Shut-off clutch air screwdriver (1,100 rpm)
AT-4018P07
Shut-off clutch air screwdriver (700 rpm)



AT-4019P17
Shut-off clutch air screwdriver (1,700 rpm)
AT-4019P11
Shut-off clutch air screwdriver (1,100 rpm)
AT-4019P07
Shut-off clutch air screwdriver (700 rpm)
AT-4019P05
Shut-off clutch air screwdriver (550 rpm)



Model No.	Hex. Shank Size		Capacity bolt Size	Free Speed RPM	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Sug. Air Comp. (HP)
	inch	mm			in-lb	N-m	inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²	
AT-4016P15	1/4	6.35	M2	1500	2.7~7	0.3~0.8	8.4	214	1/4"	1/4"	5	142	1.54	0.7	70	5.0	2
AT-4016P11	1/4	6.35	M2	1100	3.6~8.8	0.4~1	8.4	214	1/4"	1/4"	5	142	1.54	0.7	70	5.0	2
AT-4017P16	1/4	6.35	M2~M3	1600	6.2~12	0.7~1.4	8.2	209	1/4"	1/4"	7	198	1.76	0.8	70	5.0	2
AT-4017P09	1/4	6.35	M3	900	9.7~18	1.1~2.1	8.2	209	1/4"	1/4"	7	198	1.76	0.8	70	5.0	2
AT-4018P17	1/4	6.35	M3	1700	8.8~25	1~2.8	9	228	1/4"	1/4"	8	226	2.42	1.1	85	6.0	2
AT-4018P11	1/4	6.35	M3~M4	1100	8.8~30	1~3.4	9	228	1/4"	1/4"	8	226	2.42	1.1	85	6.0	2
AT-4018P07	1/4	6.35	M3~M4	700	8.8~40	1~4.5	9	228	1/4"	1/4"	8	226	2.42	1.1	85	6.0	2
AT-4019P17	1/4	6.35	M4	1700	17.6~38	2~4.3	9	228	1/4"	1/4"	9	255	2.42	1.1	85	6.0	2
AT-4019P11	1/4	6.35	M4~M5	1100	22~52	2.6~5.9	9	228	1/4"	1/4"	9	255	2.42	1.1	85	6.0	2
AT-4019P07	1/4	6.35	M5	700	26.4~70	3~8	9	228	1/4"	1/4"	9	255	2.42	1.1	85	6.0	2
AT-4019P05	1/4	6.35	M6	550	26.4~96	3~10.9	9	228	1/4"	1/4"	9	255	2.42	1.1	85	6.0	2

AIR SHUT-OFF CLUTCH SCREWDRIVER STRAIGHT TYPE / PUSH START



AT-4016S15

Shut-off clutch air screwdriver (1,500 rpm)

AT-4016S11

Shut-off clutch air screwdriver (1,100 rpm)



AT-4017S16

Shut-off clutch air screwdriver (1,600 rpm)

AT-4017S09

Shut-off clutch air screwdriver (900 rpm)



AT-4018S17

Shut-off clutch air screwdriver (1,700 rpm)

AT-4018S11

Shut-off clutch air screwdriver (1,100 rpm)

AT-4018S07

Shut-off clutch air screwdriver (700 rpm)



AT-4019S17

Shut-off clutch air screwdriver (1,700 rpm)

AT-4019S11

Shut-off clutch air screwdriver (1,100 rpm)

AT-4019S07

Shut-off clutch air screwdriver (700 rpm)

AT-4019S05

Shut-off clutch air screwdriver (550 rpm)



Model No.	Hex. Shank Size		Capacity bolt Size	Free Speed RPM	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Sug. Air Comp. (HP)
	inch	mm			in-lb	N-m	inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²	
AT-4016S15	1/4	6.35	M2	1500	2.7~7	0.3~0.8	8.5	216	1/8"	1/4"	5	142	0.66	0.3	70	5.0	2
AT-4016S11	1/4	6.35	M2	1100	3.5~8.8	0.4~1	8.5	216	1/8"	1/4"	5	142	0.66	0.3	70	5.0	2
AT-4017S16	1/4	6.35	M2~M3	1600	6.2~12	0.7~1.4	9	229	1/8"	1/4"	7	198	1.32	0.6	70	5.0	2
AT-4017S09	1/4	6.35	M3	900	9.7~18	1.1~2.1	9	229	1/8"	1/4"	7	198	1.32	0.6	70	5.0	2
AT-4018S17	1/4	6.35	M3	1700	8.8~25	1~2.8	10	254	1/4"	1/4"	8	226	1.76	0.8	85	6.0	2
AT-4018S11	1/4	6.35	M3~M4	1100	8.8~30	1~3.4	10	254	1/4"	1/4"	8	226	1.76	0.8	85	6.0	2
AT-4018S07	1/4	6.35	M3~M4	700	8.8~40	1~4.5	10	254	1/4"	1/4"	8	226	1.76	0.8	85	6.0	2
AT-4019S17	1/4	6.35	M4	1700	17.6~38	2~4.3	10.1	256	1/4"	1/4"	9	255	1.76	0.8	85	6.0	2
AT-4019S11	1/4	6.35	M4~M5	1100	22~52	2.5~5.9	10.1	256	1/4"	1/4"	9	255	1.76	0.8	85	6.0	2
AT-4019S07	1/4	6.35	M5	700	26.4~70	3~8	10.1	256	1/4"	1/4"	9	255	1.76	0.8	85	6.0	2
AT-4019S05	1/4	6.35	M6	550	26.4~96	3~10.9	10.1	256	1/4"	1/4"	9	255	1.76	0.8	85	6.0	2

AIR SHUT-OFF CLUTCH SCREWDRIVER STRAIGHT TYPE / LEVER START

AT-4016L15
Shut-off clutch air screwdriver (1,500 rpm)
AT-4016L11
Shut-off clutch air screwdriver (1,100 rpm)



AT-4017L16
Shut-off clutch air screwdriver (1,600 rpm)
AT-4017L09
Shut-off clutch air screwdriver (900 rpm)



AT-4018L17
Shut-off clutch air screwdriver (1,700 rpm)
AT-4018L11
Shut-off clutch air screwdriver (1,100 rpm)
AT-4018L07
Shut-off clutch air screwdriver (700 rpm)



AT-4019L17
Shut-off clutch air screwdriver (1,700 rpm)
AT-4019L11
Shut-off clutch air screwdriver (1,100 rpm)
AT-4019L07
Shut-off clutch air screwdriver (700 rpm)
AT-4019L05
Shut-off clutch air screwdriver (550 rpm)



Model No.	Hex. Shank Size		Capacity bolt Size	Free Speed RPM	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Sug. Air Comp. (HP)
	inch	mm			in-lb	N-m	inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²	
AT-4016L15	1/4	6.35	M2	1500	2.7~7	0.3~0.8	9.29	236	1/8"	1/4"	5	142	0.66	0.3	70	5.0	2
AT-4016L11	1/4	6.35	M2	1100	3.5~8.8	0.4~1	9.29	236	1/8"	1/4"	5	142	0.66	0.3	70	5.0	2
AT-4017L16	1/4	6.35	M2~M3	1600	6.2~12	0.7~1.4	9.61	244	1/8"	1/4"	7	198	1.32	0.6	70	5.0	2
AT-4017L09	1/4	6.35	M3	900	9.7~18	1.1~2.1	9.61	244	1/8"	1/4"	7	198	1.32	0.6	70	5.0	2
AT-4018L17	1/4	6.35	M3	1700	8.8~25	1~2.8	10.79	274	1/4"	1/4"	8	226	1.76	0.8	85	6.0	2
AT-4018L11	1/4	6.35	M3~M4	1100	8.8~30	1~3.4	10.79	274	1/4"	1/4"	8	226	1.76	0.8	85	6.0	2
AT-4018L07	1/4	6.35	M3~M4	700	8.8~40	1~4.5	10.79	274	1/4"	1/4"	8	226	1.76	0.8	85	6.0	2
AT-4019L17	1/4	6.35	M4	1700	17.6~38	2~4.3	10.67	271	1/4"	1/4"	9	255	1.76	0.8	85	6.0	2
AT-4019L11	1/4	6.35	M4~M5	1100	22~52	2.5~5.9	10.67	271	1/4"	1/4"	9	255	1.76	0.8	85	6.0	2
AT-4019L07	1/4	6.35	M5	700	26.4~70	3~8	10.67	271	1/4"	1/4"	9	255	1.76	0.8	85	6.0	2
AT-4019L05	1/4	6.35	M6	550	26.4~96	3~10.9	10.67	271	1/4"	1/4"	9	255	1.76	0.8	85	6.0	2

AIR SHUT-OFF CLUTCH SCREWDRIVER ANGLE TYPE



AT-4016A15

Shut-off clutch air screwdriver (1,500 rpm)

AT-4016A11

Shut-off clutch air screwdriver (1,100 rpm)



AT-4017A16

Shut-off clutch air screwdriver (1,600 rpm)

AT-4017A09

Shut-off clutch air screwdriver (900 rpm)



AT-4018A17

Shut-off clutch air screwdriver (1,700 rpm)

AT-4018A11

Shut-off clutch air screwdriver (1,100 rpm)

AT-4018A07

Shut-off clutch air screwdriver (700 rpm)



AT-4019A11

Shut-off clutch air screwdriver (1,100 rpm)

AT-4019A07

Shut-off clutch air screwdriver (700 rpm)

AT-4019A05

Shut-off clutch air screwdriver (550 rpm)



Model No.	Hex. Shank Size		Capacity bolt Size	Free Speed RPM	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Sug. Air Comp. (HP)
	inch	mm			in-lb	N-m	inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²	
AT-4016A15	1/4	6.35	M2	1500	2.7~7	0.3~0.8	11.18	284	1/8"	1/4"	5	142	0.88	0.4	70	5.0	2
AT-4016A11	1/4	6.35	M2	1100	3.5~8.8	0.4~1	11.18	284	1/8"	1/4"	5	142	0.88	0.4	70	5.0	2
AT-4017A16	1/4	6.35	M2-M3	1600	6.2~12	0.7~1.4	11.46	291	1/8"	1/4"	7	198	1.76	0.8	70	5.0	2
AT-4017A09	1/4	6.35	M3	900	9.7~18	1.1~2.1	11.46	291	1/8"	1/4"	7	198	1.76	0.8	70	5.0	2
AT-4018A17	1/4	6.35	M3	1700	8.8~25	1~2.8	12.64	321	1/4"	1/4"	8	226	2.42	1.1	85	6.0	2
AT-4018A11	1/4	6.35	M3-M4	1100	8.8~30	1~3.4	12.64	321	1/4"	1/4"	8	226	2.42	1.1	85	6.0	2
AT-4018A07	1/4	6.35	M3-M4	700	8.8~40	1~4.5	12.64	321	1/4"	1/4"	8	226	2.42	1.1	85	6.0	2
AT-4019A11	1/4	6.35	M4-M5	1100	22~52	2.6~5.9	12.68	322	1/4"	1/4"	9	255	2.42	1.1	85	6.0	2
AT-4019A07	1/4	6.35	M5	700	26.4~70	3~8	12.68	322	1/4"	1/4"	9	255	2.42	1.1	85	6.0	2
AT-4019A05	1/4	6.35	M6	550	26.4~96	3~10.9	12.68	322	1/4"	1/4"	9	255	2.42	1.1	85	6.0	2

CORDLESS SHUT-OFF WRENCH / SCREWDRIVER

Brushless Motor

PT-4010P06
PT-4010P09
PT-4010P12



PT-4010A15
PT-5010A15
PT-5010A20



PT-5010A30
PT-5010A35



PTBC-18
Battery charger

Input: 100~240 VAC
Output: 18 VDC
for Li-Ion



PTBP-1825
Li-ion battery pack
(18V 2.5 A.h)



FEATURES :

- Brushless motor – remarkable cycle time of longer life, accompany with maintenance free.
- Precise torque control – compliance with screwdriver according to ISO5393, CMK > 1.67 at ±10%
- Easy torque adjusting and setting system.
- High performance Lithium-ion battery pack – low self-discharge, also no memory effect.

SPECIFICATIONS (at 90psi-6.2bar)

Model No.	Drive Size inch	Volt. V	Free Speed RPM	Capacity Bolt Size mm	MAX. Torque N-m	Overall Length mm	Net Weight w/o Battery		Net Weight W/ Battery		Noise Level (dBA)	Vibration m/s ²
							lbs	kgs	lbs	kgs		
PT-4010P06	1/4" Hex.	18V	900	M3~M5	1~6	190	2.05	0.93	2.93	1.33	<75	<2.5
PT-4010P09	1/4" Hex.	18V	700	M3~M5	1.5~9	190	2.05	0.93	2.93	1.33	<75	<2.5
PT-4010P12	1/4" Hex.	18V	500	M4~M6	2~12	190	2.05	0.93	2.93	1.33	<75	<2.5
PT-4010A15	1/4" Hex.	18V	450	M4~M6	4~15	445	2.84	1.29	3.72	1.69	<75	<2.5
PT-5010A15	3/8" Sq.	18V	450	M4~M6	4~15	445	2.84	1.29	3.72	1.69	<75	<2.5
PT-5010A20	3/8" Sq.	18V	360	M5~M6	6~20	445	2.84	1.29	3.72	1.69	<75	<2.5
PT-5010A30	3/8" Sq.	18V	260	M6~M8	12~30	530	3.72	1.69	4.61	2.09	<75	<2.5
PT-5010A35	3/8" Sq.	18V	200	M6~M8	15~35	530	3.72	1.69	4.61	2.09	<75	<2.5

ANGLE HEAD DRILL



AT-4520A

90° angle head air drill-0.3HP, 4500 rpm

AT-4521A

90° angle head air drill-0.3HP, 3200 rpm



AT-4520B

45° angle head air drill-0.3HP, 4500 rpm

AT-4521B

45° angle head air drill-0.3HP, 3200 rpm



AT-4520C

360° offset angle head air drill-0.3HP, 4500 rpm

AT-4521C

360° offset angle head air drill-0.3HP, 3200 rpm



AT-4522A

90° angle head air drill-0.45HP, 4200 rpm

AT-4523A

90° angle head air drill-0.45HP, 2800 rpm



AT-4522B

45° angle head air drill-0.45HP, 4200 rpm

AT-4523B

45° angle head air drill-0.45HP, 2800 rpm



AT-4522C

360° offset angle head air drill-0.45HP, 4200 rpm

AT-4523C

360° offset angle head air drill-0.45HP, 2800 rpm



TP-4520A

90° angle head



TP-4520B

45° angle head



TP-4520C

360° offset angle head



- Motor housing milled from solid bar for precision motor alignment.
- Motor cylinder & rotor are hardened alloy steel to ensure proper alignment and long life.
- Smooth quiet operation.

SPECIFICATIONS (at 90psi-6.2bar)

Model No.	Free Speed RPM	Threaded Drill Bits	Power		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Packing Pcs/Ctn/G.W/CuFt (kg)	Sug. Air Comp. (HP)
			hp	W	Inch	mm			scfm	l/min	lb	kg		
AT-4520A	4500	1/4"-28	0.30	225	10.24	260	1/4"	3/8"	8	226	1.81	0.82	20/Ctn/18.2Kg/0.8'	2
AT-4520B	4500	1/4"-28	0.30	225	10.71	272	1/4"	3/8"	8	226	1.81	0.82	20/Ctn/18.2Kg/0.8'	2
AT-4520C	4500	1/4"-28	0.30	225	10.55	268	1/4"	3/8"	8	226	2.03	0.92	20/Ctn/21.8Kg/1.3'	2
AT-4521A	3200	1/4"-28	0.30	225	10.24	260	1/4"	3/8"	8	226	1.81	0.82	20/Ctn/18.2Kg/0.8'	2
AT-4521B	3200	1/4"-28	0.30	225	10.71	272	1/4"	3/8"	8	226	1.81	0.82	20/Ctn/18.2Kg/0.8'	2
AT-4521C	3200	1/4"-28	0.30	225	10.55	268	1/4"	3/8"	8	226	2.03	0.92	20/Ctn/21.8Kg/1.3'	2
AT-4522A	4200	1/4"-28	0.45	335	10.71	272	1/4"	3/8"	9	255	1.92	0.87	20/Ctn/19.2Kg/0.8'	2
AT-4522B	4200	1/4"-28	0.45	335	11.18	284	1/4"	3/8"	9	255	1.92	0.87	20/Ctn/20.6Kg/1.3'	2
AT-4522C	4200	1/4"-28	0.45	335	11.00	280	1/4"	3/8"	9	255	2.14	0.97	20/Ctn/22.8Kg/1.3'	2
AT-4523A	2800	1/4"-28	0.45	335	10.71	272	1/4"	3/8"	9	255	1.92	0.87	20/Ctn/19.2Kg/0.8'	2
AT-4523B	2800	1/4"-28	0.45	335	11.18	284	1/4"	3/8"	9	255	1.92	0.87	20/Ctn/20.6Kg/1.3'	2
AT-4523C	2800	1/4"-28	0.45	335	11.00	280	1/4"	3/8"	9	255	2.14	0.97	20/Ctn/22.8Kg/1.3'	2

3/8" AIR DRILL

AT-4330
2800 rpm 3/8" Air drill



AT-4331R
2000 rpm 3/8" Reversible air drill



AT-4332
5600 rpm 3/8" Air drill



AT-4333
2600 rpm 3/8" Air drill



AT-4334R
2800 rpm 3/8" Reversible air drill



AT-4135
2300 rpm 3/8" Air drill
AT-4237
3000 rpm 3/8" air drill



AT-4136
2300 rpm 3/8" Reversible air drill
AT-4237R
3000 rpm 3/8" Reversible air drill



AT-4130
2300 rpm 3/8" Air drill
AT-4130S
2300 rpm 3/8" Air drill with keyless chuck



AT-4131
2300 rpm 3/8" Reversible air drill
AT-4131S
2300 rpm 3/8" Reversible air drill with keyless chuck



SPECIFICATIONS (at 90psi-6.2bar)

Model No.	Chuck Size		Free Speed RPM	Spindle	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Packing Pcs/Ctn/G. W/Cuft (kg)	Sug. Air Comp. (HP)
	inch	mm			inch	mm			scfm	l/min	lb	kg		
AT-4130(S)	3/8	10	2300	3/8"-24	7.56	192	1/4"	3/8"	10	283	2.76	1.25	10/Ctn/15kg/0.8'	3
AT-4131(S)	3/8	10	2300	3/8"-24	7.56	192	1/4"	3/8"	10	283	2.76	1.25	10/Ctn/15kg/0.8'	3
AT-4135(S)	3/8	10	2300	3/8"-24	7.68	195	1/4"	3/8"	10	283	2.87	1.30	10/Ctn/15kg/0.8'	3
AT-4136(S)	3/8	10	2300	3/8"-24	7.68	195	1/4"	3/8"	10	283	2.87	1.30	10/Ctn/15kg/0.8'	3
AT-4237	3/8	10	3000	3/8"-24	7.68	195	1/4"	3/8"	10	283	2.87	1.30	10/Ctn/15kg/0.8'	3
AT-4237R	3/8	10	3000	3/8"-24	7.68	195	1/4"	3/8"	10	283	2.87	1.30	10/Ctn/15kg/0.8'	3
AT-4330	3/8	10	2800	3/8"-24	7.87	200	1/4"	3/8"	12	340	2.20	1.00	10/Ctn/12kg/0.8'	3
AT-4331R	3/8	10	2000	3/8"-24	8.46	215	1/4"	3/8"	12	340	2.29	1.04	10/Ctn/12.5kg/0.8'	3
AT-4332	3/8	10	5600	3/8"-24	7.87	200	1/4"	3/8"	12	340	2.09	0.95	10/Ctn/11.5kg/0.8'	3
AT-4333	3/8	10	2600	3/8"-24	8.58	218	1/4"	3/8"	13	368	2.42	1.10	10/Ctn/13kg/0.8'	3
AT-4334R	3/8	10	2800	3/8"-24	9.21	234	1/4"	3/8"	13	283	2.42	1.10	10/Ctn/13kg/0.8'	3

S : with keyless chuck

1/4" & 3/8" AIR DRILL



AT-4023

2600 rpm 1/4" Composite air drill



AT-4022

2600 rpm 1/4" Composite reversible air drill



AT-4020

4500 rpm 1/4" Air drill



AT-4232

2000 rpm 3/8" composite air drill

AT-4232S

2000 rpm 3/8" composite air drill with keyless chuck



AT-4233

1800 rpm 3/8" composite reversible air drill

AT-4233S

1800 rpm 3/8" composite reversible air drill with keyless chuck



AT-4037

4500 rpm 3/8" Air drill

AT-4037S

4500 rpm 3/8" Air drill with keyless chuck



AT-4032

2300 rpm 3/8" reversible air drill



AT-4236

1650 rpm 3/8" reversible air drill



AT-4134

1500 rpm 3/8" Reversible air drill

AT-4134S

1500 rpm 3/8" Reversible air drill with keyless chuck



SPECIFICATIONS (at 90psi-6.2bar)

Model No.	Chuck Size		Free Speed RPM	Spindle	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cwt (kg)	Sug. Air Comp. (HP)
	inch	mm			inch	mm			scfm	l/min	lb	kg		
AT-4020	1/4	6.5	4500	3/8"-24	6.22	158	1/4"	3/8"	8	226	1.50	0.68	20/Ctn/16 kg /1'	3
AT-4022	1/4	6.5	2600	3/8"-24	6.1	155	1/4"	3/8"	8	226	1.19	0.54	20/Ctn/15 kg /1'	3
AT-4023	1/4	6.5	2600	3/8"-24	6.1	155	1/4"	3/8"	8	226	1.19	0.54	20/Ctn/15 kg /1'	3
AT-4032	3/8	10	2600	3/8"-24	6.5	165	1/4"	3/8"	7	198	2.20	1.00	10/Ctn/12.9 kg /1'	3
AT-4037(S)	3/8	10	4500	3/8"-24	7.72	196	1/4"	3/8"	11	311	2.53	1.15	10/Ctn/13 kg /0.8'	3
AT-4134(S)	3/8	10	1500	3/8"-24	8.66	220	1/4"	3/8"	14	396	2.73	1.24	10/Ctn/15 kg /1'	3
AT-4232(S)	3/8	10	2000	3/8"-24	7.56	192	1/4"	3/8"	8.5	240	2.09	0.95	10/Ctn/11 kg /0.8'	3
AT-4233(S)	3/8	10	1800	3/8"-24	7.56	192	1/4"	3/8"	8.5	240	2.09	0.95	10/Ctn/11 kg /0.8'	3
AT-4236	3/8	10	1650	-	6.69	170	1/4"	3/8"	9	255	3.20	1.45	10/Ctn/18.5 kg /1.1'	3

S : with keyless chuck

3/8" AIR DRILL

AT-4030
1800 RPM 3/8" air drill
AT-4030S
1800 RPM 3/8" air drill
with keyless chuck



AT-4031
1800 RPM 3/8" air drill
AT-4031S
1800 RPM 3/8" reversible air drill
with keyless chuck



AT-4034
3/8" reversible air drill
AT-4034S
3/8" reversible air drill
with keyless chuck



AT-4234
3/8" Air drill
AT-4234S
3/8" Air drill with keyless chuck



AT-4235
3/8" reversible air drill
AT-4235S
3/8" reversible air drill
with keyless chuck



AT-4238
4500 rpm 3/8" straight air drill
AT-4238S
4500 rpm 3/8" straight air drill
with keyless chuck



AT-4038
3/8" straight air drill
AT-4038S
3/8" straight air drill
with keyless chuck



AT-4139
3/8" straight air drill
AT-4139S
3/8" straight air drill
with keyless chuck



AT-4035
3/8" angle air drill
AT-4035S
3/8" angle air drill
with keyless chuck



AT-4036
3/8" reversible angle air drill
AT-4036S
3/8" reversible angle air drill
with key less chuck



SPECIFICATIONS (at 90psi-6.2bar)

Model No.	Chuck Size		Free Speed RPM	Spindle	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
	inch	mm			inch	mm			scfm	l/min	lb	kg		
AT-4030(S)	3/8	10	1800	3/8"-24	6.89	176	1/4"	3/8"	10	283	2.34	1.06	10/Ctn/13 kg /0.8"	3
AT-4031(S)	3/8	10	1800	3/8"-24	7.68	195	1/4"	3/8"	10	283	2.36	1.07	10/Ctn/13 kg /0.8"	3
AT-4034(S)	3/8	10	1800	3/8"-24	7.48	190	1/4"	3/8"	13	368	2.51	1.14	10/Ctn/13.3 kg /1"	3
AT-4035(S)	3/8	10	1900	3/8"-24	7.68	195	1/4"	3/8"	9	255	2.36	1.07	10/Ctn/13kg/0.73"	3
AT-4036(S)	3/8	10	1700	3/8"-24	8.46	215	1/4"	3/8"	9	255	2.47	1.12	10/Ctn/16 kg /1.36"	3
AT-4038(S)	3/8	10	2600	3/8"-24	8.46	215	1/4"	3/8"	10.5	297	2.03	0.92	20/Ctn/20 kg /0.85"	3
AT-4139(S)	3/8	10	4500	3/8"-24	8.74	222	1/4"	3/8"	10	283	2.05	0.93	20/Ctn/22 kg /0.85"	3
AT-4234(S)	3/8	10	1800	3/8"-24	7.28	185	1/4"	3/8"	10	283	2.53	1.15	10/Ctn/13 kg /0.8"	3
AT-4235(S)	3/8	10	1800	3/8"-24	7.28	185	1/4"	3/8"	10	283	2.53	1.15	10/Ctn/13 kg /0.8"	3
AT-4238(S)	3/8	10	4500	3/8"-24	9.45	240	1/4"	3/8"	12	340	2.38	1.08	20/Ctn/23 kg /0.85"	3

S : with keyless chuck

1/2" & 5/8" AIR DRILL

AT-4340
700 rpm 1/2" air drill-0.6hp



AT-4341R
700 rpm 1/2" reversible air drill-0.6hp



AT-4342
500 rpm 1/2" air drill-0.6hp



AT-4049
1000 rpm 5/8" Reversible air drill



AT-4343
600 rpm 1/2" air drill-1hp



AT-4344R
500 rpm 1/2" reversible air drill-1hp



AT-4142
350 rpm 1/2" Air drill
AT-4145
500 rpm 1/2" Air drill
AT-4147
800 rpm 1/2" Air drill



AT-4142R
350 rpm 1/2" Reversible air drill
AT-4146
500 rpm 1/2" Reversible air drill
AT-4147R
800 rpm 1/2" Reversible air drill



AT-4144
600 rpm 1/2" Reversible air drill
AT-4144S
600 rpm 1/2" Reversible air drill
with keyless chuck



SPECIFICATIONS (at 90psi-6.2bar)

Model No.	Chuck Size		Free Speed RPM	Spindle	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
	Inch	mm			Inch	mm			scfm	l/min	lb	kg		
AT-4049	5/8	16	1000	—	16.14	410	3/8"	1/2"	19	538	13.7	6.22	4/Ctn/26 kg /1.5'	5
AT-4142(S)	1/2	13	350	3/8"-24	9.13	232	1/4"	3/8"	10	283	3.90	1.77	10/Ctn/20kg/0.98'	3
AT-4142R(S)	1/2	13	350	3/8"-24	9.13	232	1/4"	3/8"	10	283	3.88	1.76	10/Ctn/20kg/0.98'	3
AT-4144(S)	1/2	13	600	3/8"-24	9.84	250	1/4"	3/8"	14	396	3.59	1.63	10/Ctn/18 kg /1'	3
AT-4145(S)	1/2	13	500	3/8"-24	9.13	232	1/4"	3/8"	10	283	3.90	1.77	10/Ctn/20kg/0.98'	3
AT-4146(S)	1/2	13	500	3/8"-24	9.13	232	1/4"	3/8"	10	283	3.88	1.76	10/Ctn/20kg/0.98'	3
AT-4147(S)	1/2	13	800	3/8"-24	9.13	232	1/4"	3/8"	10	283	3.90	1.77	10/Ctn/20kg/0.98'	3
AT-4147R(S)	1/2	13	800	3/8"-24	9.13	232	1/4"	3/8"	10	283	3.88	1.76	10/Ctn/20kg/0.98'	3
AT-4340	1/2	13	700	1/2"-20	9.45	240	1/4"	3/8"	12	340	3.09	1.40	10/Ctn/16.5kg/0.98'	3
AT-4341R	1/2	13	700	1/2"-20	9.92	252	1/4"	3/8"	12	340	3.09	1.40	10/Ctn/16.5kg/0.98'	3
AT-4342	1/2	13	500	1/2"-20	9.45	240	1/4"	3/8"	12	340	3.09	1.40	10/Ctn/16.5kg/0.98'	3
AT-4343	1/2	13	600	1/2"-20	10.16	258	1/4"	3/8"	13	368	3.31	1.50	10/Ctn/17.5kg/1'	3
AT-4344R	1/2	13	500	1/2"-20	10.71	272	1/4"	3/8"	13	368	3.52	1.60	10/Ctn/18.5kg/1.1'	3

S : with keyless chuck

1/2" AIR DRILL



AT-4242
800 rpm 1/2" composite air drill
AT-4242S
800rpm 1/2" composite air drill
with keyless chuck



AT-4140
500 rpm 1/2" Air drill
AT-4140S
500 rpm 1/2" Air drill with keyless chuck



AT-4040
800 rpm 1/2" air drill
AT-4040S
800 rpm 1/2" air drill with keyless chuck



AT-4243
800 rpm 1/2" composite reversible air drill
AT-4243S
800 rpm 1/2" composite reversible air drill
with keyless chuck



AT-4141
500 rpm 1/2" Reversible air drill
AT-4141S
500 rpm 1/2" Reversible air drill
with keyless chuck



AT-4041
800 rpm 1/2" reversible air drill
AT-4041S
800 rpm 1/2" reversible air drill
with keyless chuck



AT-4044
800 rpm 1/2" reversible air drill
AT-4044S
800 rpm 1/2" reversible air drill
with keyless chuck



AT-4244
800 rpm 1/2" air drill
AT-4244S
800 rpm 1/2" air drill with keyless chuck



AT-4245
800 rpm 1/2" Reversible air drill
AT-4245S
800 rpm 1/2" Reversible air drill
with keyless chuck



SPECIFICATIONS (at 90psi-6.2bar)

Model No.	Chuck Size		Free Speed RPM	Spindle	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
	inch	mm			inch	mm			scfm	l/min	lb	kg		
AT-4040(S)	1/2	13	800	3/8"-24	8.74	222	1/4"	3/8"	10	283	3.26	1.48	10/Ctn/19kg/1'	3
AT-4041(S)	1/2	13	800	3/8"-24	8.98	228	1/4"	3/8"	12	340	3.37	1.53	10/Ctn/18.2kg/1.3'	3
AT-4044(S)	1/2	13	800	3/8"-24	8.94	227	1/4"	3/8"	12	340	3.46	1.57	10/Ctn/18.7kg/1'	3
AT-4140(S)	1/2	13	500	3/8"-24	8.86	225	1/4"	3/8"	10	283	3.96	1.80	10/Ctn/19kg/0.98'	3
AT-4141(S)	1/2	13	500	3/8"-24	8.86	225	1/4"	3/8"	10	283	3.96	1.80	10/Ctn/19kg/0.98'	3
AT-4242(S)	1/2	13	800	3/8"-24	9.65	245	1/4"	3/8"	8.5	240	3.09	1.40	10/Ctn/16kg/1'	3
AT-4243(S)	1/2	13	800	3/8"-24	9.65	245	1/4"	3/8"	8.5	240	3.09	1.40	10/Ctn/16kg/1'	3
AT-4244(S)	1/2	13	800	3/8"-24	8.27	210	1/4"	3/8"	10	283	3.09	1.40	10/Ctn/17kg/1'	3
AT-4245(S)	1/2	13	800	3/8"-24	8.27	210	1/4"	3/8"	10	283	3.17	1.44	10/Ctn/17.5kg/1'	3

S : with keyless chuck

Double End Phillips Power Bit



Model No.	Size	Hex. Shank (mm)	Length (mm)
PH145	PH1	6.35	45
PH165	PH1	6.35	65
PH1110	PH1	6.35	110
PH245	PH2	6.35	45
PH265	PH2	6.35	65
PH2110	PH2	6.35	110
PH345	PH3	6.35	45
PH365	PH3	6.35	65
PH3110	Ph3	6.35	110

Slotted Power Bit



Model No.	Width (mm)	Thickness (mm)	Length (mm)
SL405050	4.0	0.5	50
SL456050	4.5	0.6	50
SL558050	5.5	0.8	50
SL5510050	5.5	1.0	50
SL6512050	6.5	1.2	50
SL456075	4.5	0.6	75
SL558075	5.5	0.8	75
SL6010075	6.0	1.0	75
SL4560100	4.5	0.6	100
SL5580100	5.5	0.8	100
SL60100100	6.0	1.0	100
SL4560150	4.5	0.6	150
SL5580150	5.5	0.8	150
SL60100150	6.0	1.0	150

Hexagon Power Bit



Model No.	Size (mm)	Hex. Shank (mm)	Length (mm)
HX3050	3	6.35	50
HX4050	4	6.35	50
HX5050	5	6.35	50
HX6050	6	6.35	50
HX7050	7	6.35	50
HX8050	8	6.35	50
HX3075	3	6.35	75
HX4075	4	6.35	75
HX5075	5	6.35	75
HX6075	6	6.35	75
HX7075	7	6.35	75
HX8075	8	6.35	75
HX30100	3	6.35	100
HX40100	4	6.35	100
HX50100	5	6.35	100
HX60100	6	6.35	100

Phillips Power Bit



Model No.	Size	Hex. Shank (mm)	Length (mm)
PH14550	PH1	6.35	50
PH14575	PH1	6.35	75
PH145100	PH1	6.35	100
PH24550	PH2	6.35	50
PH24575	PH2	6.35	75
PH245100	PH2	6.35	100
PH36050	PH3	6.35	50
PH36075	PH3	6.35	75
PH360100	Ph3	6.35	100

Torx Power Bit



Model No.	Size	Hex. Shank (mm)	Length (mm)
TX104550	T-10	6.35	50
TX154550	T-15	6.35	50
TX205050	T-20	6.35	50
TX255050	T-25	6.35	50
TX275550	T-27	6.35	50
TX306050	T-30	6.35	50
TX407050	T-40	6.35	50
TX104575	T-10	6.35	75
TX154575	T-15	6.35	75
TX205075	T-20	6.35	75
TX255075	T-25	6.35	75
TX275575	T-27	6.35	75
TX306075	T-30	6.35	75
TX407075	T-40	6.35	75

Socket Bit



Model No.	Size (mm)	Hex. Shank (mm)	Length (mm)
SN502565	5	6.35	65
SN602565	6	6.35	65
SN803065	8	6.35	65
SN1003065	10	6.35	65
SN1103065	11	6.35	65
SN1203065	12	6.35	65
SN1303065	13	6.35	65
SN1403065	14	6.35	65
SN5025100	5	6.35	100
SN6025100	6	6.35	100
SN8030100	8	6.35	100
SN10030100	10	6.35	100
SN11030100	11	6.35	100
SN12030100	12	6.35	100
SN13030100	13	6.35	100
SN14030100	14	6.35	100

	Part No.	Description	For Tools
	TP-4001	10mm Chuck & key	AT-4030 AT-4031 AT-4032 AT-4034 AT-4035 AT-4036 AT-4037 AT-4038 AT-4130 AT-4131 AT-4133 AT-4134 AT-4135 AT-4136 AT-4139 AT-4232 AT-4233
	TP-4002	10mm Chuck & key (steel)	
	TP-4017	10mm Keyless chuck	
	TP-4007	13mm Chuck & key	AT-4040 AT-4041 AT-4042 AT-4044 AT-4140 AT-4141 AT-4143 AT-4144 AT-4145 AT-4146 AT-4242 AT-4243
	TP-4008	13mm Chuck & key (steel)	
	TP-4020	13mm Keyless chuck	
	TP-4110	TORQUE ARM Clamp dia.:32~40mm	AT-4014 AT-4015 AT-4110 AT-4111 AT-4016 AT-4017 AT-4018 AT-4019
	TP-4111	TORQUE ARM Clamp dia.:34~40mm	AT-4014 AT-4015 AT-4110 AT-4111 AT-4016 AT-4017 AT-4018 AT-4019
	TP-4032	Air valve control (1/4"PT)	AT-4068 AT-4069 AT-4077 AT-4078 AT-4079 AT-4162 AT-4165 AT-4166 AT-4167
	TP-4032N	Air valve control (1/4"NPT)	

AIR SANDER



AT-7108C/S

Non-vacuum orbital air sander (Oil Free)



- Oil-Free motor designed, use wearproof materials, the motor lifespan can promote more than 2 times.
- 3 in 1 innovation design, easily switch to vacuum / non-vacuum / central vacuum modes.
- Durable, lightweight and ergonomic composite design



AT-7108DC/DS

3 in 1 Orbital air sander (Oil Free)



AT-7102C/S

Non-vacuum orbital air sander



AT-7102DC/DS

3 in 1 Orbital air sander



AT-7004C/S

Non-vacuum orbital air sander



AT-7004DC/DS

Self-generated vacuum orbital air sander



AT-7004VC/VS

Central vacuum orbital air sander



Working Air Pressure : 6.3 kg/cm² (90 psi)

Air Inlet : 1/4" PT (NPT)

Air Hose (I.D.) : 5/16" (8mm)

Model No.	Orbit Dia. mm	Free Speed RPM	Sanding Pad Size		Overall Length		Avg. Air Consumption		Net Weight				Packing Pcs/Ctn/G.W./Cult (kg)	Sug. Air Comp. (HP)
			Inch	mm	Inch	mm	scfm	l/min	5" Pad		6" Pad			
									lb	kg	lb	kg		
AT-7102CF/SF	2.5	10000	5/8	125/150	6.5	165	8.5	240	1.81	0.82	1.85	0.84	12/Ctn/13 kg/1.8'	3
AT-7102C/S	5	10000	5/8	125/150	6.5	165	8.5	240	1.85	0.84	1.92	0.87	12/Ctn/13 kg/1.8'	3
AT-7102CR/SR	9.5	10000	5/8	125/150	6.5	165	8.5	240	1.92	0.87	2.0	0.91	12/Ctn/13 kg/1.8'	3
AT-7102DCF/DSF	2.5	10000	5/8	125/150	7.28	185	8.5	240	1.81	0.82	1.9	0.86	12/Ctn/14.5 kg/1.8'	3
AT-7102DC/DS	5	10000	5/8	125/150	7.28	185	8.5	240	1.85	0.84	1.96	0.89	12/Ctn/14.5 kg/1.8'	3
AT-7102DCR/DSR	9.5	10000	5/8	125/150	7.28	185	8.5	240	1.92	0.87	2.05	0.93	12/Ctn/14.5 kg/1.8'	3
AT-7108CF/SF	2.5	10000	5/8	125/150	6.5	165	8.5	240	1.56	0.71	1.65	0.75	12/Ctn/13 kg/1.8'	3
AT-7108C/S	5	10000	5/8	125/150	6.5	165	8.5	240	1.61	0.73	1.72	0.78	12/Ctn/13 kg/1.8'	3
AT-7108CR/SR	9.5	10000	5/8	125/150	6.5	165	8.5	240	1.68	0.76	1.81	0.82	12/Ctn/13 kg/1.8'	3
AT-7108DCF/DSF	2.5	10000	5/8	125/150	7.28	185	8.5	240	1.54	0.7	1.7	0.77	12/Ctn/14.5 kg/1.8'	3
AT-7108DC/DS	5	10000	5/8	125/150	7.28	185	8.5	240	1.54	0.7	1.7	0.77	12/Ctn/14.5 kg/1.8'	3
AT-7108DCR/DSR	9.5	10000	5/8	125/150	7.28	185	8.5	240	1.72	0.78	1.85	0.84	12/Ctn/14.5 kg/1.8'	3
AT-7004C/S	5	10000	5/8	125/150	6.69	170	5.5	156	1.83	0.83	1.87	0.85	10/Ctn/18.5 kg/2.4'	3
AT-7004DC/DS	5	10000	5/8	125/150	9.84	250	5.5	156	1.94	0.88	1.98	0.90	10/Ctn/18.5 kg/3.1'	3
AT-7004VC/VS	5	10000	5/8	125/150	9.06	230	5.5	156	1.87	0.85	1.92	0.87	10/Ctn/18.5 kg/2.4'	3

D : with self-generated vacuum V : with central vacuum C : with velcro pad S : with stick pad
F : orbit dia. : 2.5mm (for ultra fine sanding) R : orbit dia. : 9.5mm (for aggressive sanding)

AIR SANDER

AT-7203C/S
Non-vacuum orbital air sander



AT-7203DC/DS
Self-generated vacuum air sander



AT-7203VC/VS
Central vacuum orbital air sander



AT-7107C/S
Non-vacuum orbital air sander



AT-7107DC/DS
Self-generated vacuum orbital air sander



AT-7107VC/VS
Central vacuum orbital air sander



AT-7002C/S
Non-vacuum orbital air sander



AT-7002DC/DS
Self-generated vacuum orbital air sander



AT-7002VC/VS
Central vacuum orbital air sander



* Working Air Pressure : 6.3 kg/cm² (90 psi) * Air Inlet : 1/4" PT (NPT) * Air Hose (I.D.) : 5/16" (8mm)

Model No.	Orbit Dia. mm	Free Speed RPM	Sanding Pad Size		Overall Length		Avg. Air Consumption		Net Weight				Packing Pcs/Ctn/G.W./Cwt (kg)	Sug. Air Comp. (HP)
			inch	mm	inch	mm	scfm	l/min	5" Pad		6" Pad			
AT-7002C/S	5	10000	5/6	125/150	6.61	168	7.5	212	2.20	1.00	2.25	1.02	10/Ctn/18.5 kg/2.4'	3
AT-7002DC/DS	5	10000	5/6	125/150	9.06	230	7.5	212	2.40	1.09	2.45	1.11	10/Ctn/18.5 kg/3.1'	3
AT-7002VC/VS	5	10000	5/6	125/150	8.27	210	7.5	212	2.36	1.07	2.4	1.09	10/Ctn/18.5 kg/2.4'	3
AT-7107C/S	5	10000	5/6	125/150	6.10	155	6.5	184	1.90	0.86	1.94	0.88	12/Ctn/17 kg/2.1'	3
AT-7107DC/DS	5	10000	5/6	125/150	9.45	240	6.5	184	2.12	0.96	2.16	0.98	6/Ctn/14.6 kg/2.2'	3
AT-7107VC/VS	5	10000	5/6	125/150	8.46	215	6.5	184	2.07	0.94	2.12	0.96	12/Ctn/17 kg/2.1'	3
AT-7203C/S	5	10000	5/6	125/150	5.59	142	7.5	212	1.70	0.77	1.74	0.79	10/Ctn/10 kg/1.8'	3
AT-7203DC/DS	5	10000	5/6	125/150	8.58	218	7.5	212	1.74	0.79	1.79	0.81	10/Ctn/12 kg/2.12'	3
AT-7203VC/VS	5	10000	5/6	125/150	8.58	218	7.5	212	1.74	0.79	1.79	0.81	10/Ctn/12 kg/2.12'	3

D : with self-generated vacuum V : with central vacuum C : with velcro pad S : with stick pad

AIR SANDER

AT-7205C/S
Non-vacuum orbital air sander



AT-7205DC/DS
Self-generated vacuum air sander



AT-7205VC/VS
Central vacuum orbital air sander



AT-7207C/S
Non-vacuum orbital air sander
AT-7207DC/DS
Self-generated vacuum air sander



AT-7043DC/DS
Self-generated vacuum orbital air sander



AT-7027
Non-vacuum orbital air sander
AT-7028
Self-generated vacuum air sander



AT-7023C/S
Self-generated vacuum orbital air sander



AT-7204C/S
Non-vacuum orbital air sander



AT-7015P
6" Dia air sander



* Working Air Pressure : 6.3 kg/cm² (90 psi) * Air Inlet : 1/4" PT (NPT) * Air Hose (I.D.) : 5/16" (8mm)

Working Air Pressure: 6.5 kg/cm ² (95 psi) Air Inlet: 1/4" PT (NPT) Air Hose (ID.): 3/8" (5mm)														
Model No.	Orbit Dia. mm	Free Speed RPM	Sanding Pad Size		Overall Length		Avg. Air Consumption		Net Weight				Packing Pos/Ctn/G.W./Cult (kg)	Sug. Air Comp. (HP)
			inch	mm	inch	mm	scfm	l/min	5" Pad		6" Pad			
AT-7015P	5	10000	5/6	125/150	9.45	240	7	198	3.92	1.78	3.97	1.8	10/Ctn/22 kg/1.3'	3
AT-7023C/S	10	10000	5/6	125/150	11.89	302	9	255	4.01	1.82	4.06	1.84	6/Ctn/17.3 kg/2.3'	3
AT-7027	5	9000	5/6	125/150	6.10	155	6	170	2.38	1.08	2.42	1.1	12/Ctn/19.5 kg/1.9'	3
AT-7028	5	9000	5/6	125/150	6.10	155	6	170	2.47	1.12	2.51	1.14	12/Ctn/20.5 kg/1.9'	3
AT-7043DC/DS	5	10000	5/6	125/150	7.00	178	10.5	297	3.26	1.48	3.3	1.5	10/Ctn/20 kg/3.01'	3
AT-7204C/S	5	10000	5/6	125/150	5.51	140	8	226	1.45	0.66	1.5	0.68	10/Ctn/10.2 kg/1.7'	3
AT-7205C/S	5	10000	5/6	125/150	6.38	162	7	198	1.81	0.82	1.85	0.84	10/Ctn/18.5 kg/2.4'	3
AT-7205DC/DS	5	10000	5/6	125/150	9.57	243	7	198	2.03	0.92	2.07	0.94	10/Ctn/18.5 kg/3.1'	3
AT-7205VC/VS	5	10000	5/6	125/150	8.31	211	7	198	2.03	0.92	2.07	0.94	10/Ctn/18.5 kg/2.4'	3
AT-7207C/S	5	10000	5/6	125/150	9.84	250	9	255	2.34	1.06	2.38	1.08	6/Ctn/10.0 kg/1.9'	3
AT-7207DC/DS	5	10000	5/6	125/150	9.84	250	9	255	2.34	1.06	2.38	1.08	6/Ctn/10.0 kg/1.9'	3

D : with self-generated vacuum V : with central vacuum C : with velcro pad S : with stick pad

AT-7106
Non-vacuum orbital air sander (Clip type)
AT-7106DC
Self-generated vacuum orbital air sander
AT-7106VC
Central vacuum orbital air sander



AT-7025DC/DS
Air jitterbug sander



AT-7206C
Non-vacuum orbital air sander (Clip type)
AT-7206DC
Self-generated vacuum orbital air sander



AT-7029
Non-vacuum jitterbug sander
AT-7030
Self-generated vacuum jitterbug sander



AT-7104F
Non-vacuum jitterbug sander (Clip type)
AT-7104C
Non-vacuum jitterbug sander



AT-7105C
Non-vacuum triangle sander



AT-7018
Air jitterbug sander



AT-7017
Air palm sander



AT-7017S
Air palm sander



AT-7019
Twin-piston straight line sander



* Working Air Pressure : 6.3 kg/cm² (90 psi) * Air Inlet : 1/4" PT (NPT) * Air Hose (LD.) : 5/16" (8mm)

Model No.	Orbit Dia. mm	Free Speed RPM	Sanding Pad Size		Overall Length		Avg. Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cubt (kg)	Sug. Air Comp. (HP)
			Inch	mm	Inch	mm	scfm	l/min	lb	kg		
AT-7017	1.60	20000	4x4.33	100x110	5.51	140	4	113	1.06	0.48	20/Ctn/18 kg/2.3'	2
AT-7017S	1.20	15000	3x3.23	75x82	6.10	155	3	85	0.93	0.42	20/Ctn/17 kg/2.3'	2
AT-7018	5.00	8000	3.7x7	93x176	7.28	185	7	198	4.19	1.90	10/Ctn/23 kg/1.3'	3
AT-7019	25.40	2500	2.5x16	63.5x400	15.75	400	6	170	6.13	2.78	6/Ctn/18.7 kg/1.4'	3
AT-7025	5.00	7000	3.7x7	93x176	8.66	220	8	226	4.23	1.92	10/Ctn/23 kg/1.44'	3
AT-7029	5.00	8000	3x6	75x145	6.30	160	6	170	2.69	1.22	12/Ctn/19.5 kg/1.9'	3
AT-7030	5.00	8000	3x6	75x145	6.69	170	6	170	2.73	1.24	12/Ctn/20.5 kg/1.9'	3
AT-7104F	2.50	10000	4x4.33	100x110	5.16	131	7	198	2.00	0.91	12/Ctn/13.9 kg/1.8'	3
AT-7104C	5.00	10000	4x4.33	100x110	5.16	131	7	198	1.79	0.81	12/Ctn/13.9 kg/1.8'	3
AT-7105C	5.00	10000	5x3.74	125x95	6.26	159	7	198	1.79	0.81	12/Ctn/13.9 kg/1.8'	3
AT-7106	2.50	9000	3.7x7	93x176	7.09	180	6	170	2.45	1.11	10/Ctn/18.5 kg/2.4'	3
AT-7106DC	2.50	9000	3.7x7	93x176	10.08	256	6	170	2.42	1.10	10/Ctn/18.5 kg/3.1'	3
AT-7106VC	2.50	9000	3.7x7	93x176	8.78	223	6	170	2.40	1.09	10/Ctn/18.5 kg/2.4'	3
AT-7206C	5.00	9000	3.7x7	93x176	11.34	288	9.5	269	2.82	1.28	6/Ctn/10 kg/1.9'	3
AT-7206DC	5.00	9000	3.7x7	93x176	11.34	288	9.5	269	2.82	1.28	6/Ctn/10 kg/1.9'	3

D : with self-generated vacuum V : with central vacuum C : with velcro pad S : with stick pad

MIN AIR SANDER



AT-7215A
3" Composite orbital air Sander
AT-7215B
2" Composite orbital air Sander



AT-7315B
2" orbital air Sander
AT-7315C
1-1/4" orbital air Sander
AT-7315D
1" orbital air Sander



AT-7218A
3" Orbital air Sander



AT-7116A
3" micro orbital sander
AT-7116B
2" micro orbital sander



AT-7316C
1-1/4" orbital air Sander



AT-7118A
3" Orbital air sander
AT-7118B
2" Orbital air sander



AT-7117
3" micro sander



AT-7214
3" Surface Preparation Tool



AT-7119
3" angle sander



* Working Air Pressure : 6.3 kg/cm² (90 psi) * Air Inlet : 1/4" PT (NPT) * Air Hose (I.D.) : 5/16" (8mm)

Model No.	Orbit Dia. mm	Spindle Thread	Free Speed RPM	Sanding Pad Size		Overall Length		Avg. Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kg)	Sug. Air Comp. (HP)
				inch	mm	inch	mm	scfm	l/min	lb	kg		
AT-7116A	3	M6×P1.0	15000	3	75	4.05	103	9	255	1.63	0.74	20/Ctn/15 kg/1.28'	3
AT-7116B	3	M6×P1.0	15000	2	50	4.05	103	9	255	1.63	0.74	20/Ctn/15 kg/1.28'	3
AT-7118A	3	5/16"-24UNF	16000	3	75	6.3	160	8	226	1.65	0.75	20/Ctn/18 kg/1.0'	3
AT-7118B	3	5/16"-24UNF	16000	2	50	6.3	160	8	226	1.65	0.75	20/Ctn/18 kg/1.0'	3
AT-7215A	3	5/16"-24UNF	15000	3	75	5.98	152	8.5	240	1.76	0.8	10/Ctn/9 kg/1.0'	3
AT-7215B	3	5/16"-24UNF	15000	2	50	5.98	152	8.5	240	1.76	0.8	10/Ctn/9 kg/1.0'	3
AT-7218A	3	5/16"-24UNF	16000	3	75	9.84	250	10	283	2.4	1.09	20/Ctn/22 kg/1.6'	3
AT-7315B	2.5	M6×P1.0	10000	2	50	4.72	120	8	226	1.15	0.52	20/Ctn/11 kg/1.0'	3
AT-7315C	2.5	M6×P1.0	10000	1-1/4	30	4.72	120	8	226	1.15	0.52	20/Ctn/11 kg/1.0'	3
AT-7315D	2.5	M6×P1.0	10000	1	25	4.72	120	8	226	1.15	0.52	20/Ctn/11 kg/1.0'	3
AT-7316C	2.5	M6×P1.0	8000	1-1/4	30	6.3	160	8	226	1.21	0.55	20/Ctn/11 kg/1.0'	3

Model No.	Spindle Thread	Free Speed RPM	Sanding Pad Size		Overall Length		Avg. Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kg)	Sug. Air Comp. (HP)
			inch	mm	inch	mm	scfm	l/min	lb	kg		
AT-7117	1/4"-20UNC	15000	3	75	4.72	120	8	226	1.45	0.66	20/Ctn/13.5 kg/1.28'	3
AT-7119	1/4"-20UNC	18000	3	75	6.30	160	8	226	1.23	0.56	20/Ctn/18 kg/1.0'	3
AT-7214	1/4"-20UNC	15000	3	75	5.28	134	8.5	240	1.54	0.70	10/Ctn/8 kg/1'	3

HIGH SPEED SANDER & POLISHER

AT-7213
5" high speed air sander
(rear exhaust)



AT-7112
5" high speed air sander
(front exhaust)



AT-7113
5" high speed air sander
(rear exhaust)



AT-7012
5" high speed air sander
(front exhaust)



AT-7170
5" vertical air polisher



AT-7172
7" vertical air polisher



AT-7070
7" vertical air polisher
AT-7070S
7" vertical air sander



AT-7078
7" vertical air sander
AT-7079
7" vertical air polisher



AT-7173
7" air angle polisher



AT-7071
3" Air Composite Polisher



AT-7171
3" micro polisher



AT-7072
3" Air Polisher



Model No.	Sanding Pad Size		Spindle Thread	Free Speed RPM	Overall Length		Avg. Air Consumption		Net Weight		Packing Pcs/Ctn/G.W/Cu.ft (kg)	Sug. Air Comp. (HP)
	inch	mm			inch	mm	scfm	l/min	lb	kg		
AT-7012	5	125	7/16"-20NF	18000	4.92	125	8	226	2.07	0.94	10/Ctn/12.2 kg/0.95'	3
AT-7112	5	125	7/16"-20NF	16000	5.91	150	8	226	2.16	0.98	10/Ctn/12 kg/0.8'	3
AT-7113	5	125	7/16"-20NF	18000	5.91	150	8	226	2.20	1.00	10/Ctn/12 kg/0.8'	3
AT-7213	5	125	7/16"-20NF	18000	5.71	145	8.5	241	2.87	1.30	10/Ctn/14 kg/1'	3
AT-7070	7	178	5/8"-11 UNC	2000	7.09	180	14	396	4.10	1.86	8/Ctn/21.3 kg/1.34'	5
AT-7070S	7	178	5/8"-11 UNC	4000	7.09	180	14	396	4.10	1.86	8/Ctn/21.6 kg/1.34'	5
AT-7071	3	75	5/16"-24	2100	6.34	161	8.5	240	1.70	0.77	10/Ctn/9 kg/1'	3
AT-7072	3	75	5/16"-24	3200	8.66	220	8	226	2.38	1.08	10/Ctn/12/1.7'	3
AT-7078	7	178	5/8"-11 UNC	4500	13.0	330	8	226	4.01	1.82	10/Ctn/23 kg/1.6'	3
AT-7079	7	178	5/8"-11 UNC	2500	13.0	330	8	226	4.01	1.82	10/Ctn/23 kg/1.6'	3
AT-7170	5	125	5/8"-11 / 5/16"-24	3000	8.07	205	8	226	2.47	1.12	10/Ctn/13.5 kg/1.7'	3
AT-7171	3	75	M6xP1.0	2500	4.45	113	9	255	1.86	0.82	20/Ctn/18 kg/1.28'	3
AT-7172	7	178	5/8"-11 UNC	4000	10.63	270	15	425	4.08	1.85	6/Ctn/14 kg/2'	5
AT-7173	7	178	5/8"-11 UNC	2800	11.50	290	14	396	3.26	1.48	10/Ctn/16 kg/1.8'	5

AIR BELT SANDER

AT-7220
Air belt sander (6x457mm)
 



AT-7221
Air belt sander (10x330mm)
 



AT-7222
Air belt sander w/steel pulley (20x520mm)
AT-7222P
Air belt sander w/pu pulley (20x520mm)
 



AT-7223
Air belt sander w/steel pulley (30x540mm)
AT-7223P
Air belt sander w/pu pulley (30x540mm)
 



AT-7224
Air belt sander (30 x 640mm)




AT-7109
Air belt sander (30x540mm)
 



AT-7122
Air belt sander (50x235mm)
 



AT-7110
Air belt sander (60x260mm)
 



Model No.	Sanding Belt Size		Free Speed RPM	Overall Length		Avg. Air Consumption		Net Weight		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
	Inch	mm		Inch	mm	scfm	l/min	lb	kg		
AT-7109	1-3/16x21-1/4	30x540	12000	14.96	380	13	368	4.41	2.00	6/Ctn/15 kg/2.5'	3
AT-7110	2-3/8x10-1/4	60x260	6000	7.28	185	8	226	3.09	1.40	10/Ctn/15 kg/2.0'	3
AT-7122	2x9-1/4	50x235	8500	8.80	223	8	226	1.68	0.76	10/Ctn/9 kg/1.0'	3
AT-7220	1/4x18	6x457	17000	15.35	390	8	226	2.20	1.00	10/Ctn/12 kg/2.0'	3
AT-7221	25/64x13	10x330	17000	12.83	326	8	226	1.94	0.88	20/Ctn/18.6 kg/1.4'	3
AT-7222	25/32x20	20x520	16000	16.02	407	8	226	2.87	1.30	10/Ctn/14 kg/2.0'	3
AT-7222P	25/32x20	20x520	16000	16.02	407	8	226	2.87	1.30	10/Ctn/14 kg/2.0'	3
AT-7223	1-3/16x21-1/4	30x540	13000	16.38	416	14	396	3.09	1.40	10/Ctn/16 kg/2.0'	5
AT-7223P	1-3/16x21-1/4	30x540	13000	16.38	416	14	396	3.09	1.40	10/Ctn/16 kg/2.0'	5
AT-7224	1-3/16x25-3/16	30x640	13000	15.35	390	14	396	4.23	1.92	6/Ctn/13 kg/2.0'	5

AT-7126
Air belt sander (20×520mm)



AT-7129
Air belt sander (20×520mm)



AT-7124
Air belt sander (6×330mm)



AT-7125
Air belt sander (10×330mm)



AT-7127
Air belt sander (12.7×610mm)



AT-7009
Air belt sander (10×330mm)



AT-7010
Air belt sander (20×520mm)



AT-7111
Air belt sander (12.7×610mm)



Model No.	Sanding Belt Size		Free Speed RPM	Overall Length		Avg. Air Consumption		Net Weight		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
	Inch	mm		Inch	mm	scfm	l/min	lb	kg		
AT-7009	25/64×13	10×330	16000	11.42	290	8	226	1.94	0.88	20/Ctn/17 kg/1.4'	3
AT-7010	25/32×20	20×520	16000	14.17	360	8	226	2.56	1.16	10/Ctn/13 kg/1.8'	3
AT-7111	1/2×24	12.7×610	16000	16.93	430	8	226	2.29	1.04	10/Ctn/10.6 kg/1.1'	3
AT-7124	1/4×13	6×330	16000	12.6	320	8	226	2.09	0.95	10/Ctn/11 kg/1.4'	3
AT-7125	25/64×13	10×330	16000	12.6	320	8	226	2.09	0.95	10/Ctn/11 kg/1.4'	3
AT-7126	25/32×20	20×520	16000	16.93	430	8	226	3.09	1.4	10/Ctn/15 kg/1.4'	3
AT-7127	1/2×24	12.7×610	16000	17.91	455	8	226	2.42	1.1	10/Ctn/13 kg/1.4'	3
AT-7129	25/32×20	20×520	16000	15.35	390	8	226	3.02	1.37	10/Ctn/15 kg/1.4'	3

INDUSTRIAL AIR ANGLE GRINDER

AT-7056
2" Angle grinder
AT-7056R
2" Angle grinder (roll type throttle)



AT-7042
4" Angle grinder



AT-7042R
4" Angle grinder (roll type throttle)



AT-7043
5" Angle grinder



AT-7044
7" Angle grinder



AT-7045
9" Angle grinder



AT-7043R
5" Angle grinder (roll type throttle)



AT-7044R
7" Angle grinder (roll type throttle)



AT-7045R
9" Angle grinder (roll type throttle)



Model No.	Free Speed RPM	Grinding Wheel Size		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Packing Pcs/Ctn/G. Wt/Cuft (kg)	Sug. Air Comp. (HP)
		inch	mm	inch	mm			scfm	l/min	lb	kg		
AT-7042	13600	4	100	9.70	246	1/4"	3/8"	15	425	4.01	1.82	10/Ctn/25kg/2.37'	5
AT-7042R	13600	4	100	8.20	208	1/4"	3/8"	15	425	3.77	1.71	10/Ctn/25kg/2.37'	5
AT-7043	10900	5	125	9.70	246	1/4"	3/8"	15	425	4.10	1.88	10/Ctn/26kg/2.37'	5
AT-7043R	10900	5	125	8.20	208	1/4"	3/8"	15	425	3.86	1.76	10/Ctn/26kg/2.37'	5
AT-7044	7600	7	180	11.80	300	3/8"	1/2"	20	566	7.32	3.32	6/Ctn/27kg/3.13'	7.5
AT-7044R	7600	7	180	10.00	253	3/8"	1/2"	20	566	6.80	3.10	6/Ctn/27kg/3.13'	7.5
AT-7045	5900	9	230	13.00	330	3/8"	1/2"	25	707	8.82	4.00	4/Ctn/21.7kg/2.34'	7.5
AT-7045R	5900	9	230	11.22	285	3/8"	1/2"	25	707	8.38	3.80	4/Ctn/21.7kg/2.34'	7.5
AT-7056	15000	2	50	7.68	195	1/4"	3/8"	7.5	212	1.63	0.74	10/Ctn/10 kg/0.92'	3
AT-7056R	15000	2	50	6.20	157	1/4"	3/8"	7.5	212	1.41	0.66	10/Ctn/10 kg/0.92'	3

R : Roll type throttle

AIR ANGLE GRINDER

AT-7147
5" Angle grinder



AT-7144
4" 120° Angle grinder



AT-7145
5" 120° Angle grinder



AT-7049
2" angle grinder (side exhaust)



AT-7048
4" angle grinder (safety lever)
AT-7048R
4" angle grinder (roll type throttle)



AT-7050
4" angle grinder (safety lever)
AT-7050R
4" angle grinder (roll type throttle)
AT-7051
5" angle grinder (safety lever)
AT-7051R
5" angle grinder (roll type throttle)



AT-7036
4" angle grinder
(safety lever)
AT-7036R
4" angle grinder
(roll type throttle)



AT-7037
5" angle grinder
(safety lever)
AT-7037R
5" angle grinder
(roll type throttle)



AT-7041
7" Air grinder



AT-7012G
4" Air grinder



Model No.	Free Speed RPM	Spindle Thread	Grinding wheel Size		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cubt (kg)	Sug. Air Comp. (HP)
			inch	mm	inch	mm			scfm	l/min	lb	kg		
AT-7012G	16000	7/16"-20UNF	4	100	5.12	130	1/4"	3/8"	8	226	2.2	1.00	10/Ctn/14 kg/1.23'	3
AT-7036	11000	3/8"-24UNF	4	100	9.06	230	1/4"	3/8"	12	340	3.75	1.70	10/Ctn/22.1 kg/1.43'	3
AT-7036R	11000	3/8"-24UNF	4	100	8.86	225	1/4"	3/8"	12	340	3.75	1.70	10/Ctn/22.9 kg/1.43'	3
AT-7037	11000	3/8"-24UNF	5	125	9.06	230	1/4"	3/8"	12	340	3.83	1.74	10/Ctn/22.5 kg/1.43'	3
AT-7037R	11000	3/8"-24UNF	5	125	8.86	225	1/4"	3/8"	12	340	3.83	1.74	10/Ctn/23.3 kg/1.43'	3
AT-7041	7000	—	7	180	13.39	340	3/8"	3/8"	16.5	467	7.06	3.20	6/Ctn/24.5 kg/2.5'	7.5
AT-7048	13000	M8 × P1.25	4	100	7.09	180	1/4"	3/8"	9	255	2.12	0.96	10/Ctn/13.2 kg/1.3'	3
AT-7048R	13000	M8 × P1.25	4	100	7.09	180	1/4"	3/8"	9	255	2.12	0.96	10/Ctn/12 kg/1.2'	3
AT-7049	22000	M6 × P1.0	2	50	5.51	140	1/4"	3/8"	8	226	1.17	0.53	20/Ctn/13.5 kg/1.5'	3
AT-7050	12000	M8 × P1.25	4	100	8.66	220	1/4"	3/8"	11.5	325	3.53	1.60	10/Ctn/16 kg/1.4'	3
AT-7050R	12000	M8 × P1.25	4	100	8.66	220	1/4"	3/8"	11.5	325	3.53	1.60	10/Ctn/16 kg/1.4'	3
AT-7051	12000	M8 × P1.25	5	125	8.66	220	1/4"	3/8"	11.5	325	3.53	1.60	10/Ctn/16 kg/1.4'	3
AT-7051R	12000	M8 × P1.25	5	125	8.66	220	1/4"	3/8"	11.5	325	3.53	1.60	10/Ctn/16 kg/1.4'	3
AT-7144	9300	M10 × 1.5P	4	100	10.24	260	1/4"	3/8"	9	255	3.42	1.55	10/Ctn/20 kg/1.8'	3
AT-7145	9300	M14 × 2.0P	5	125	10.43	265	1/4"	3/8"	9	255	3.53	1.60	10/Ctn/20.5 kg/1.8'	3
AT-7147	11500	M14 × 2.0P	5	125	10.40	265	3/8"	3/8"	15	425	3.30	1.50	10/Ctn/20 kg/1.5'	5

R : Roll type throttle

INDUSTRIAL STRAIGHT GRINDER & VERTICAL GRINDER

AT-7158
Cone wheel grinder



AT-7256
2" Straight grinder



AT-7256L
2" Straight grinder



AT-7157
3" Straight grinder



AT-7159
4" Straight grinder



AT-7058
5" Straight grinder



AT-7059
6" Straight grinder



AT-7052
5" Air vertical grinder



AT-7053
7" Air vertical grinder



AT-7054
9" Air vertical grinder



AT-7055
6" Air vertical cup wheel grinder



* Working Air Pressure : 6.3 kg/cm² (90 psi)

Model No.	Free Speed RPM	Grinding Wheel Size		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
		Inch	mm	Inch	mm			scfm	l/min	lb	kg		
AT-7052	12000	5	125	9.4	240	3/8"	1/2"	24	679	6.8	3.1	6/Ctn/24.1 kg/2.8'	7.5
AT-7053	8400	7	180	10.2	260	3/8"	1/2"	28	792	9.7	4.4	4/Ctn/22 kg/2.5'	7.5
AT-7054	6000	9	230	11.0	279	1/2"	3/4"	35	889	13.7	6.2	4/Ctn/30 kg/2.6'	10
AT-7055	4500	6	150	7.40	188	1/2"	3/4"	35	889	13.0	5.9	4/Ctn/30 kg/2.6'	10

Model No.	Free Speed RPM	Spindle Thread	Grinding wheel Size		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
			Inch	mm	Inch	mm			scfm	l/min	lb	kg		
AT-7058	7600	1/2"-12	5	125	19.7	501	3/8"	1/2"	20	566	6.55	2.97	4/Ctn/15kg/1.7'	5
AT-7059	6900	5/8"-11	6	150	20.5	521	3/8"	1/2"	24	679	9.13	4.14	4/Ctn/20.6kg/1.7'	7.5
AT-7157	14600	3/8"-16	3	75	15.4	390	3/8"	3/8"	15	425	3.80	1.72	10/Ctn/19kg/1.6'	5
AT-7158	6900	5/8"-11	1.77	45	20.1	510	3/8"	1/2"	24	679	7.27	3.30	6/Ctn/21kg/1.0'	7.5
AT-7159	9000	1/2"-12	4	100	41.34	1050	3/8"	1/2"	20	566	11.9	5.40	1/Ctn/7kg/1.6'	5
AT-7256	18000	3/8"-16	2	50	12.44	316	1/4"	3/8"	9	255	3.09	1.40	10/Ctn/15.5kg/1.2'	3
AT-7256L	18000	3/8"-16	2	50	20.94	532	1/4"	3/8"	9	255	4.41	2.00	10/Ctn/22kg/1.7'	3

AT-7238
1/4" die grinder
AT-7238M
6mm die grinder



(Side exhaust)

AT-7238R
1/4" die grinder
AT-7238RM
6mm die grinder



(Side exhaust)

AT-7333
0.9HP 1/4" die grinder
AT-7333M
0.9HP 6mm die grinder



(Rear exhaust)

AT-7339
0.49HP 1/4" die grinder
AT-7339M
0.49HP 6mm die grinder



(Rear exhaust)

AT-7238L
1/4" extended die grinder
AT-7238LM
6mm extended die grinder



(Side exhaust)

AT-7238LR
1/4" extended die grinder
AT-7238LRM
6mm extended die grinder



(Side exhaust)

AT-7333L
0.9HP 1/4" extended die grinder
AT-7333LM
0.9HP 6mm extended die grinder



(Rear exhaust)

AT-7339L
1/4" extended die grinder
AT-7339LM
6mm extended die grinder



(Rear exhaust)

AT-7430
0.35 HP 1/4" die grinder
AT-7430M
0.35 HP 6mm die grinder



(Rear exhaust)

AT-7431
0.35 HP 1/4" die grinder
AT-7431M
0.35 HP 6mm die grinder



(Front exhaust)

AT-7432
0.45 HP 1/4" die grinder
AT-7432M
0.45 HP 6mm die grinder



(Rear exhaust)

AT-7433
0.45 HP 1/4" die grinder
AT-7433M
0.45 HP 6mm die grinder



(Front exhaust)

Model No.	Free Speed RPM	Collet Size		Max Output		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Packing Pcs/Ctn/G.W/Cuft	Sug. Air Comp. (HP)
		inch	mm	kw	hp	inch	mm			scfm	l/min	lb	kg		
AT-7238(M)	24000	1/4	6	0.30	0.40	7.05	179	1/4"	3/8"	10	280	1.70	0.77	10/Ctn/11 kg/0.92'	3
AT-7238L(M)	24000	1/4	6	0.30	0.40	12.05	306	1/4"	3/8"	10	280	1.98	0.90	10/Ctn/11 kg/0.92'	3
AT-7238LR(M)	24000	1/4	6	0.30	0.40	11.69	297	1/4"	3/8"	10	280	1.76	0.80	10/Ctn/11 kg/0.92'	3
AT-7238R(M)	24000	1/4	6	0.30	0.40	6.69	170	1/4"	3/8"	10	280	1.46	0.66	10/Ctn/11 kg/0.92'	3
AT-7333(M)	18000	1/4	6	0.67	0.90	7.68	195	1/4"	3/8"	9	255	1.63	0.76	20/Ctn/18 kg/1'	3
AT-7333L(M)	18000	1/4	6	0.67	0.90	14.37	365	1/4"	3/8"	9	255	3.13	1.42	10/Ctn/15 kg/1'	3
AT-7339(M)	28000	1/4	6	0.36	0.49	7.87	200	1/4"	3/8"	12	340	1.54	0.70	10/Ctn/9 kg/1.5'	3
AT-7339L(M)	28000	1/4	6	0.36	0.49	12.99	330	1/4"	3/8"	12	340	1.98	0.90	10/Ctn/10 kg/1.5'	3
AT-7430(M)	24000	1/4	6	0.26	0.35	8.00	203	1/4"	5/16"	9	255	1.10	0.50	10/Ctn/14.4 kg/1.55'	3
AT-7431(M)	24000	1/4	6	0.26	0.35	7.87	200	1/4"	5/16"	9	255	1.54	0.70	10/Ctn/10.7 kg/0.7'	3
AT-7432(M)	18000	1/4	6	0.33	0.45	8.43	214	1/4"	5/16"	9	255	1.76	0.80	10/Ctn/15.6 kg/1.55'	3
AT-7433(M)	18000	1/4	6	0.33	0.45	8.35	212	1/4"	5/16"	9	255	1.76	0.80	10/Ctn/11.6 kg/0.7'	3

M : metric size

AIR DIE GRINDER

AT-7032
1/4" mini die grinder
AT-7032M
6mm mini die grinder



(Rear exhaust)

AT-7033
1/4" medium die grinder
AT-7033M
6mm medium die grinder



(Rear exhaust)

AT-7035
1/4" die grinder
AT-7035M
6mm die grinder



(Front exhaust)

AT-7033L
1/4" extended die grinder
AT-7033LM
6mm extended die grinder



(Rear exhaust)

AT-7330
1/4" mini die grinder
AT-7330M
6mm mini die grinder



(Rear exhaust)

AT-7331
1/4" mini die grinder
AT-7331M
6mm mini die grinder



(Front exhaust)

AT-7132
1/4" die grinder
AT-7132M
6mm die grinder



(Rear exhaust)

AT-7133L
1/4" extended die grinder
AT-7133LM
6mm extended die grinder



(Rear exhaust)

AT-7235
1/4" low speed die grinder
AT-7235M
6mm low speed die grinder



(Rear exhaust)

AT-7336R
1/4" extended die grinder
AT-7336RM
6mm extended die grinder



(Side exhaust)

AT-7032K(MK)
1/4" (6mm) die grinder kit
AT-7132K(MK)
1/4" (6mm) die grinder kit



AT-7033K(MK)
1/4" (6mm) die grinder kit



SPECIFICATIONS (at 90psi-6.2bar)

Model No.	Free Speed RPM	Collet Size		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Packing Pcs/Ctn/G. Wt/Cuft (kg)	Sug. Air Comp. (HP)
		Inch	mm	Inch	mm			scfm	l/min	lb	kg		
AT-7032(M)	25000	1/4	6	6.30	160	1/4"	3/8"	6.5	184	0.79	0.36	25/Ctn/14 kg/0.75'	2
AT-7033(M)	22000	1/4	6	6.69	170	1/4"	3/8"	8	226	1.32	0.6	25/Ctn/21.7kg/0.8'	2
AT-7033L(M)	25000	1/4	6	9.84	250	1/4"	3/8"	6.5	184	1.41	0.64	25/Ctn/17 kg/0.75'	2
AT-7035(M)	22000	1/4	6	5.71	145	1/4"	3/8"	10	280	1.23	0.56	10/Ctn/21 kg/1.43'	3
AT-7132(M)	25000	1/4	6	6.30	160	1/4"	3/8"	7	198	0.84	0.38	20/Ctn/11 kg/0.8'	2
AT-7133L(M)	25000	1/4	6	11.22	285	1/4"	3/8"	7	198	1.37	0.62	20/Ctn/15.5 kg/1.1'	2
AT-7235(M)	4000	1/4	6	8.27	210	1/4"	3/8"	10	280	1.85	0.84	20/Ctn/21 kg/0.88'	2
AT-7330(M)	25000	1/4	6	4.84	123	1/4"	3/8"	6.5	184	0.73	0.33	20/Ctn/11 kg/0.6'	2
AT-7331(M)	25000	1/4	6	4.84	123	1/4"	3/8"	6.5	184	0.73	0.33	20/Ctn/11 kg/0.6'	2
AT-7336R(M)	14000	1/4	6	13.58	345	3/8"	3/8"	11	311	3.09	1.4	15/Ctn/25 kg/2.19'	3

Model No.	AT-7032K(MK)	AT-7033K(MK)	AT-7132K(MK)
Contents	1 Pc AT-7032(M) Die Grinder 1 Pc Blow Case 2 Pcs Wrench 5 Pcs 1/8" (3mm) Shank Grinding Stone 5 Pcs 1/4" (6mm) Shank Grinding Stone 1 Pc 1/8" (3mm) Collet 1 Pc Nipple Packing : 20/Ctn/23 kg/2.3'	1 Pc AT-7033(M) Die Grinder 1 Pc Blow Case 2 Pcs Wrench 5 Pcs 1/8" (3mm) Shank Grinding Stone 5 Pcs 1/4" (6mm) Shank Grinding Stone 1 Pc 1/8" (3mm) Collet 1 Pc Nipple Packing : 20/Ctn/28.5 kg/2.3'	1 Pc AT-7132(M) Die Grinder 1 Pc Blow Case 2 Pcs Wrench 5 Pcs 1/8" (3mm) Shank Grinding Stone 5 Pcs 1/4" (6mm) Shank Grinding Stone 1 Pc 1/8" (3mm) Collet 1 Pc Nipple Packing : 10/Ctn/14 kg/1.2'

M : metric size K : kit

AIR ANGLE DIE GRINDER

AT-7435
1/4" angle die grinder
AT-7435M
6mm angle die grinder



AT-7334
1/4" Angle die grinder (no gear)
AT-7334M
6mm Angle die grinder (no gear)



AT-7335
1/4" Angle die grinder (no gear)
AT-7335M
6mm Angle die grinder (no gear)



AT-7434
0.6HP 1/4" Angle die grinder
AT-7434M
0.6HP 6mm Angle die grinder



AT-7239
1/4" Angle die grinder (no gear)
AT-7239M
6mm Angle die grinder (no gear)



AT-7234
1/4" Angle die grinder (no gear)
AT-7234M
6mm Angle die grinder (no gear)



AT-7034
1/4" angle die grinder
AT-7034M
6mm angle die grinder



AT-7134
1/4" angle die grinder
AT-7134M
6mm angle die grinder



AT-7136
115 degree 1/4" angle die grinder
AT-7136M
115 degree 6mm angle die



SPECIFICATIONS (at 90psi-6.2bar)

Model No.	Free Speed RPM	Collet Size		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Packing Pcs/Ctn/0.5 Cuft (kg)	Sug. Air Comp. (HP)
		Inch	mm	Inch	mm			scfm	l/min	lb	kg		
AT-7034(M)	18000	1/4	6	6.30	160	1/4"	3/8"	6.5	184	1.10	0.50	25/Ctn/19 kg/0.75'	2
AT-7134(M)	20000	1/4	6	6.30	160	1/4"	3/8"	7	198	1.10	0.50	20/Ctn/13.5 kg/1'	2
AT-7136(M)	20000	1/4	6	6.61	168	1/4"	5/16"	6.5	184	1.10	0.50	20/Ctn/14.6 kg/0.74'	2
AT-7234(M)	20000	1/4	6	5.90	150	1/4"	5/16"	6.5	184	1.10	0.50	25/Ctn/19 kg/0.75'	2
AT-7239(M)	20000	1/4	6	6.30	160	1/4"	3/8"	8	226	1.32	0.60	20/Ctn/15 kg/1'	3
AT-7334(M)	25000	1/4	6	8.10	205	1/4"	3/8"	8	226	1.37	0.62	20/Ctn/15 kg/1.2'	3
AT-7335(M)	18000	1/4	6	8.30	212	1/4"	3/8"	10	283	1.96	0.89	20/Ctn/17 kg/1.4'	3
AT-7434(M)	12000	1/4	6	6.90	175	1/4"	3/8"	8	226	1.81	0.82	20/Ctn/18 kg/1'	3
AT-7435(M)	30000	1/4	6	4.72	120	1/4"	3/8"	8	226	0.97	0.44	20/Ctn/10.5 kg/1'	3

M : metric size

AIR MICRO DIE GRINDER

AT-3170
1/8" 54000rpm micro die grinder
AT-3170M
3mm 54000 rpm micro die grinder



AT-3172
1/8" 60000rpm micro die grinder
AT-3172M
3mm 60000rpm micro die grinder



AT-3180
1/8" 70000rpm micro die grinder
AT-3180M
3mm 70000rpm micro die grinder



AT-3181
1/8" 70000 rpm micro die grinder
AT-3181M
3mm 70000 rpm micro die grinder



AT-7230
1/8" 70000 rpm micro die grinder
AT-7230M
3mm 70000 rpm micro die grinder



AT-3193
1/8" 120° Air angle die grinder
AT-3193M
3mm 120° Air angle die grinder



AT-3190
120° 30mm Air angle grinder



AT-3191
90° 30mm Air angle grinder



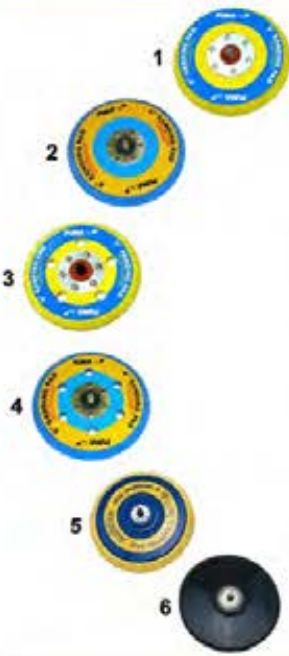
AT-3192
120° 20mm Air angle grinder



Model No.	Free Speed RPM	Collet Size		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
		Inch	mm	Inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-3170(M)	54000	1/8	3	5.20	132	1/4"	1/4"	5	142	0.50	0.23	90	6.3	20/Ctn/13.8 kg/1.38'	1.5
AT-3172(M)	60000	1/8	3	5.55	141	1/4"	1/4"	5	142	0.50	0.23	90	6.3	20/Ctn/13.8 kg/1.38'	1.5
AT-3180(M)	70000	1/8	3	5.20	132	1/4"	1/4"	5	142	0.50	0.23	90	6.3	20/Ctn/12.6kg/1.38'	1.5
AT-3181(M)	70000	1/8	3	5.31	135	1/4"	1/4"	5	142	0.50	0.23	90	6.3	20/Ctn/14 kg/1.38'	1.5
AT-3193(M)	52000	1/8	3	5.00	128	1/4"	1/4"	5	142	0.28	0.13	90	6.3	50/Ctn/20 kg/2.19'	1.5
AT-7230(M)	35000	1/8	3	6.89	150	1/4"	1/4"	6	170	0.77	0.35	90	6.3	20/Ctn/16 kg/1.38'	2

Model No.	Free Speed RPM	Cup Wheel Size (mm)	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
			Inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-3190	23000	30	5.3	135	1/4"	1/4"	5	142	0.39	0.18	90	6.3	50/Ctn/21 kg/2.19'	1.5
AT-3191	23000	30	4.8	123	1/4"	1/4"	5	142	0.34	0.15	90	6.3	50/Ctn/21 kg/2.19'	1.5
AT-3192	35000	20	5.2	132	1/4"	1/4"	5	142	0.30	0.14	90	6.3	50/Ctn/20 kg/2.19'	1.5

M : metric size

	Part No.	Description	For Air Tools
	TP-7012	Backing plate 3", 4", 5-1/2" (paper)	AT-7012 AT-7212
	TP-7002	Sanding belt 10x330mm, #80	AT-7009
	TP-7003	Sanding belt 10x330mm, #100	AT-7120
	TP-7004	Sanding belt 10x330mm, #120	AT-7125
	TP-7005	Sanding belt 20x520mm, #80	AT-7221
	TP-7006	Sanding belt 20x520mm, #100	AT-7010 AT-7121
	TP-7020	Sanding belt 12.7x610mm, #80	AT-7126 AT-7129
	TP-7021	Sanding belt 12.7x610mm, #100	AT-7222 AT-7222P
	TP-7022	Sanding belt 12.7x610mm, #120	AT-7111 AT-7127
	TP-7023	Sanding belt 30x540mm, #80	AT-7109
	TP-7024	Sanding belt 30x540mm, #100	AT-7223
	TP-7025	Sanding belt 30x540mm, #120	AT-7223P
	TP-7026	Sanding belt 60x260mm, #80	AT-7224
	TP-7027	Sanding belt 60x260mm, #100	AT-7110
	TP-7028	Sanding belt 60x260mm, #120	
	P-A5C	1 5" velcro face sanding pad, normal type	AT-7002 AT-7004
	P-A5S	1 5" stick face sanding pad, normal type	AT-7027 AT-7102
	P-B6C	2 6" velcro face sanding pad, normal type	AT-7107 AT-7108
	P-B6S	2 6" stick face sanding pad, normal type	AT-7203 AT-7204
	P-A5VC	3 5" velcro face sanding pad, 5 hole vacuum type	AT-7205 AT-7207
	P-A5VS	3 5" stick face sanding pad, 5 hole vacuum type	AT-7002D AT-7002V
	P-B5VC	3 5" velcro face sanding pad, 6 hole vacuum type	AT-7004D AT-7004V
	P-B5VS	3 5" stick face sanding pad, 6 hole vacuum type	AT-7028 AT-7023
	P-B6VC	4 6" velcro face sanding pad, 6 hole vacuum type	AT-7043D AT-7102D
	P-B6VS	4 6" stick face sanding pad, 6 hole vacuum type	AT-7107D AT-7107V
	P-C5C	5 5" velcro face sanding pad, normal type	AT-7108D AT-7205D
	P-C5S	5 5" stick face sanding pad, normal type	AT-7205V AT-7207D
	P-C6C	5 6" velcro face sanding pad, normal type	
	P-C6S	5 6" stick face sanding pad, normal type	AT-7014 AT-7016P
	P-D6S	6 6" stick face sanding pad, normal type	
	TP-7100	6" velcro face polishing sponge, #60, yellow color	AT-7002C AT-7004C
	TP-7101	6" velcro face polishing sponge, #70, grey color	AT-7027 AT-7102C
	TP-7102	6" velcro face polishing sponge, #100, blue color	AT-7107C AT-7108C
	TP-7133A(M)	2" surface conditioning disc kit, #80, yellow color	AT-7204C AT-7205C
	TP-7133B(M)	2" surface conditioning disc kit, #150, red color	AT-7207C
	TP-7133C(M)	2" surface conditioning disc kit, #320, green color	
	TP-7133D(M)	3" surface conditioning disc kit, #80, yellow color	AT-7034(M)
	TP-7133E(M)	3" surface conditioning disc kit, #150, red color	AT-7134(M)
	TP-7133F(M)	3" surface conditioning disc kit, #320, green color	AT-7136(M)

	Part No.	Description	For Air Tools
	TP-7032A	1/8" Collet	AT-7032(M) AT-7033L(M) AT-7034(M) AT-7132(M) AT-7133(M) AT-7134(M) AT-7133L(M) AT-7234(M)
	TP-7032B	3mm Collet	
	TP-7032C	1/4" Collet	
	TP-7032D	6mm Collet	
	TP-7033A	1/8" Collet	AT-7033(M)
	TP-7033B	3mm Collet	
	TP-7033C	1/4" Collet	
	TP-7033D	6mm Collet	
	GS10M	10 pcs Grinder stone (6mm)	AT-7032M AT-7033M AT-7033LM AT-7034M AT-7035M AT-7234M AT-7236M AT-7237M AT-7238M AT-7239M AT-7333M AT-7333LM
	TP-7134AM	2" Rubber pad X 1 2" Sanding paper X 4	AT-7034(M) AT-7134(M) AT-7234(M) AT-7239(M) AT-7334(M)
	TP-7134BM	3" Rubber pad X 1 3" Sanding paper X 4	
	TP-7132M	4 pcs Sanding drum (1", 3/4", 1/2", 3/8" each) 12 pcs Abrasive sleeve (1", 3/4", 1/2", 3/8" 3 pcs of each size)	AT-7032M AT-7033M AT-7033LM AT-7236M AT-7237M AT-7238M AT-7333M AT-7233LM
	TP-7036F	Flange & Flange nut	AT-7036
	TP-7037F	Flange & Flange nut	AT-7037
	TP-7041F	Flange & Flange nut	AT-7041
	TP-7036G	4" Center wheel guard	AT-7036
	TP-7037G	5" Center wheel guard	AT-7037
	TP-7041G	7" Center wheel guard	AT-7041

M : metric size (optional)

AT-2023Q/H
190mm air hammer W/Built In Chuck (hex.)
AT-2023Q/R
190mm air hammer W/Built In Chuck (round)



AT-2024Q/H
250mm air hammer W/Built In Chuck (hex.)
AT-2024Q/R
250mm air hammer W/Built In Chuck (round)



AT-2035/H
250mm air hammer (hex.)
AT-2035/R
250mm air hammer (round)



AT-2038/H
Vibration-damped 190mm air hammer (hex)
AT-2038/R
Vibration-damped 190mm air hammer (round)



AT-2039/H
Vibration-damped 250mm air hammer (hex)
AT-2039/R
Vibration-damped 250mm air hammer (round)



AT-2038K
Vibration-damped 190mm air hammer kit
AT-2039K
Vibration-damped 250mm air hammer kit



AT-2014/H
135mm air hammer(hex.)
AT-2014/R
135mm air hammer(round)



AT-2017/H
190mm air hammer(hex.)
AT-2017/R
190mm air hammer(round)



AT-2018/H
250mm air hammer(hex.)
AT-2018/R
250mm air hammer(round)

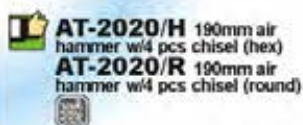


Model No.	Chisel Shank (inch)		Bore Diameter (I.D)		Piston Stroke Length		Blow per min. (B.P.M.)	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/Cut (kg)	Sug. Air Comp. (HP)
	Round	Hex.	inch	mm	inch	mm		inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-2014	0.401	0.410	45/64	17.08	2.00	51	4500	6.10	155	1/4"	3/8"	10	283	3.09	1.40	90	6.3	10/Ctn/16 kg/0.65'	2
AT-2017	0.401	0.410	3/4	19.05	2.72	69	3000	7.00	280	1/4"	3/8"	10	283	3.74	1.70	90	6.3	10/Ctn/19 kg/0.8'	2
AT-2018	0.401	0.410	3/4	19.05	3.78	96	2100	10.00	255	1/4"	3/8"	10	283	6.29	2.40	90	6.3	10/Ctn/26 kg/1.0'	2
AT-2023Q	0.401	0.410	3/4	19.05	2.80	71	3000	9.65	245	1/4"	3/8"	8.5	241	4.41	2.00	90	6.3	10/Ctn/21 kg/1.0'	2
AT-2024Q	0.401	0.410	3/4	19.05	3.62	92	2200	10.39	264	1/4"	3/8"	8.5	241	5.29	2.40	90	6.3	8/Ctn/20 kg/1.3'	2
AT-2035	0.401	0.410	3/4	19.05	3.62	92	2100	9.45	240	1/4"	3/8"	10	283	4.96	2.25	90	6.3	10/Ctn/24.5 kg/1.6'	2
AT-2038	0.401	0.410	3/4	19.05	2.80	71	3000	8.46	215	1/4"	3/8"	8.5	241	3.53	1.60	90	6.3	10/Ctn/19 kg/1.6'	2
AT-2039	0.401	0.410	3/4	19.05	3.62	92	2100	10.24	260	1/4"	3/8"	8.5	241	4.19	1.90	90	6.3	10/Ctn/22.5 kg/1.6'	2

Model No.	AT-2038K/H	AT-2038K/R	AT-2039K/H	AT-2039K/R
Contents	1 Pc Air Hammer, AT-2038/H 1 Pc Retainer Spring 1 Pc Quick Change Retainer 5 Pcs 7" Chisels 1 Pc Blow Case 1 Pc Nipple Net Weight : 3.5 kg Packing : 5 Set/Ctn/19 kg/1.7'	1 Pc Air Hammer, AT-2038/R 1 Pc Retainer Spring 1 Pc Quick Change Retainer 5 Pcs 7" Chisels 1 Pc Blow Case 1 Pc Nipple Net Weight : 3.5 kg Packing : 5 Set/Ctn/19 kg/1.7'	1 Pc Air Hammer, AT-2039/H 1 Pc Retainer Spring 1 Pc Quick Change Retainer 5 Pcs 7" Chisels 1 Pc Blow Case 1 Pc Nipple Net Weight : 3.8 kg Packing : 5 Set/Ctn/21 kg/1.7'	1 Pc Air Hammer, AT-2039/R 1 Pc Retainer Spring 1 Pc Quick Change Retainer 5 Pcs 7" Chisels 1 Pc Blow Case 1 Pc Nipple Net Weight : 3.8 kg Packing : 5 Set/Ctn/21 kg/1.7'

R : for round chisel shank H : for hex. chisel shank

AIR HAMMER



Model No.	Chisel Shank (inch)		Bore Diameter (I.D)		Piston Stroke Length		Blow per min (B.P.M.)	Overall Length		Air Inlet (P.T)	Air Hose (I.D)	Avg. Air Consumption		Net Weight		Packing Pos/Ctn W/Cuft (kg)	Sug. Air Comp. (HP)
	Round	Hex.	inch	mm	inch	mm		inch	mm			scfm	l/min	lb	kg		
AT-2010	0.401	0.410	3/4	19.05	1-5/8	41	4500	5.24	133	1/4"	3/8"	10	283	3.09	1.40	10/Ctn/17.6 kg/0.88'	2
AT-2011	0.401	0.410	3/4	19.05	1-5/8	41	4500	5.24	133	1/4"	3/8"	10	283	3.09	1.40	10/Ctn/14.2 kg/0.88'	2
AT-2012	0.401	0.410	3/4	19.05	2-5/8	66	3000	7.00	178	1/4"	3/8"	10	283	3.53	1.60	10/Ctn/17.6 kg/0.9'	2
AT-2013	0.401	0.410	3/4	19.05	3-5/8	92	2200	8.50	216	1/4"	3/8"	10	283	4.50	2.04	10/Ctn/20 kg/1.2'	2
AT-2015	0.401	0.410	3/4	19.05	2-5/8	66	3000	7.00	178	1/4"	3/8"	10	283	3.53	1.60	10/Ctn/18 kg/0.9'	2
AT-2016	0.401	0.410	3/4	19.05	3-5/8	92	2200	10.00	255	1/4"	3/8"	10	283	5.29	2.40	10/Ctn/21 kg/1.2'	2
AT-2020	0.401	0.410	3/4	19.05	2-5/8	66	3000	7.00	178	1/4"	3/8"	10	283	3.53	1.60	10/Ctn/21 kg/0.9'	2
AT-2030	0.401	0.410	3/4	19.05	3-5/8	92	2200	8.50	216	1/4"	3/8"	10	283	4.50	2.04	10/Ctn/25.4 kg/1.2'	2
AT-2036	0.401	0.401	3/4	19.05	2-5/8	66	3200	6.93	176	1/4"	3/8"	7	198	3.70	1.68	5/Ctn/12.2 kg/0.5'	2
AT-2037	0.401	0.401	3/4	19.05	3-3/4	97	2200	8.86	225	1/4"	3/8"	7	198	4.45	2.02	5/Ctn/14 kg/0.63'	2

R : for round chisel shank H : for hex. chisel shank

RIVETING HAMMER

AT-2213
Vibration-damped Air riveting hammer



AT-2211
Vibration-damped Air riveting hammer



AT-2212
Vibration-damped Air riveting hammer



AT-2201
Air riveting hammer



AT-2202
Air riveting hammer



AT-2203
Air riveting hammer



AT-2204
Air riveting hammer



AT-2205
Air riveting hammer



AT-2207
Air riveting hammer



AT-2209
Air riveting hammer



Model No.	Chisel Shank		Piston Diameter		Piston Stroke		Blow per min. (B.P.M.)	Riveting capacity	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Work Air Pressure		Packing Pcs/Ctn/G.W./Cubft (kg)	Sug. Air Comp (HP)
	inch	mm	inch	mm	inch	mm			inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-2201	0.401	10.2	0.56	14.30	1.97	50.0	2850	2.4	4.49	115	1/4"	3/8"	10	283	2.51	1.14	90	6.3	10/Ctn/15.5 kg/1.16'	3
AT-2202	0.401	10.2	0.60	12.70	2.25	57.2	2580	2.4	6.7	170	1/4"	3/8"	10	283	2.78	1.26	90	6.3	10/Ctn/15.5 kg/1.16'	3
AT-2203	0.401	10.2	0.60	12.70	2.87	73.0	2160	4	7.3	186	1/4"	3/8"	10	283	3.00	1.36	90	6.3	10/Ctn/16.5 kg/1.16'	3
AT-2204	0.401	10.2	0.60	12.70	3.06	77.8	1740	4.8	8.3	211	1/4"	3/8"	10	283	3.31	1.50	90	6.3	10/Ctn/17.5 kg/1.16'	3
AT-2205	0.498	12.6	0.75	19.10	2.69	68.3	1600	4.8	9.1	230	1/4"	3/8"	10	283	4.74	2.15	90	6.3	10/Ctn/26 kg/1.6'	3
AT-2207	0.498	12.6	0.75	19.10	3.87	98.4	1140	6.4	10.1	256	1/4"	1/4"	10	283	5.11	2.32	90	6.3	10/Ctn/28 kg/1.6'	3
AT-2209	0.498	12.6	0.75	19.10	5.81	147.6	900	8	11.2	284	1/4"	3/8"	10	283	5.99	2.72	90	6.3	10/Ctn/30.5 kg/1.6'	3
AT-2211	0.401	10.2	0.60	15.24	4.00	102.0	2160	3-6	8.9	225	1/4"	3/8"	9	255	2.93	1.33	90	6.3	10/Ctn/16.5 kg/1.4'	3
AT-2212	0.401	10.2	0.60	15.24	5.39	137.0	1440	4-7	10.4	260	1/4"	3/8"	9	255	3.22	1.46	90	6.3	10/Ctn/17.8 kg/1.4'	3
AT-2213	0.401	10.2	0.60	15.24	1.00	25.0	3960	1-4	6.5	165	1/4"	3/8"	9	255	2.40	1.09	90	6.3	10/Ctn/14.5 kg/0.82'	3

RIVETING HAMMER

AT-2210
Air riveting hammer



AT-2290
One shot hammer



AT-2291
One shot hammer



AT-2214
Air riveting hammer



AT-2215
Air riveting hammer



AT-2216
Air riveting hammer



AT-2217
Air riveting hammer



Model No.	Chisel Shank		Piston Diameter		Piston Stroke		Blow per min. (B.P.M.)	Riveting capacity	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Work Air Pressure		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp (HP)
	inch	mm	inch	mm	inch	mm			inch	mm			scfm	l/min	lb	kg	psi	kg/cm²		
AT-2210	0.315	8.0	0.39	10.0	1.22	31.0	5400	1.5	5.90	165	1/4"	1/4"	3	85	0.88	0.40	90	6.3	12/Ctn/5.3 kg/0.3'	1.5
AT-2214	0.401	10.2	0.56	14.3	1.97	50.0	2850	2.0	6.30	160	1/4"	3/8"	10	283	2.03	0.92	90	6.3	10/Ctn/14.5 kg/1.16'	3
AT-2215	0.401	10.2	0.50	12.7	2.25	57.2	2580	2.4	8.46	215	1/4"	3/8"	10	283	2.34	1.06	90	6.3	10/Ctn/15.5 kg/1.16'	3
AT-2216	0.401	10.2	0.50	12.7	2.87	73.0	2160	4.0	9.09	231	1/4"	3/8"	10	283	2.56	1.16	90	6.3	10/Ctn/16.5 kg/1.16'	3
AT-2217	0.401	10.2	0.50	12.7	3.06	77.8	1740	4.8	10.08	256	1/4"	3/8"	10	283	2.80	1.27	90	6.3	10/Ctn/17.5 kg/1.16'	3
AT-2290	HEX. 7.9mm	1.18	30.0	1.00	25.0	—	—	—	10.00	254	1/4"	1/4"	0.65L/stroke	2.86	1.30	90	6.3	10/Ctn/14.5 kg/0.82'	1	
AT-2291	HEX. 7.9mm	1.18	30.0	1.00	25.0	—	—	—	8.39	213	1/4"	1/4"	0.25L/stroke	1.98	0.90	90	6.3	10/Ctn/10.5 kg/0.82'	1	

AIR CHIPPING HAMMER

AT-2104/H
4" chipping hammer (hex.)
AT-2104/R
4" chipping hammer (round)



AT-2103/H
3" chipping hammer (hex.)
AT-2103/R
3" chipping hammer (round)



AT-2102/H
2" chipping hammer (hex.)
AT-2102/R
2" chipping hammer (round)



AT-2101/H
1" chipping hammer (hex.)
AT-2101/R
1" chipping hammer (round)



AT-2100/H
Mini chipping hammer (hex.)
AT-2100/R
Mini chipping hammer (round)



AT-2110/H
Mini chipping hammer (hex.)
AT-2110/R
Mini chipping hammer (round)



Model No.	Chisel Shank (mm)		Piston Diameter		Piston Stroke		Blow per min. (B.P.M.)	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Work Air Pressure		Packing Pcs/Ctn/G W/Cuft (kg)	Sug. Air Comp. (HP)
	Hex.	Round	inch	mm	inch	mm		inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-2100H/R	12	14	25/32	20.0	1.77	45.0	3000	12.4	310	1/4"	3/8"	12	360	5.7	2.6	90	6.3	10/Ctn/31.5 kg/1.45'	3
AT-2110H/R	12	14	25/32	20.0	1.77	45.0	3000	12.4	310	1/4"	3/8"	12	360	5.7	2.6	90	6.3	10/Ctn/31.5 kg/1.45'	3
AT-2101H/R	14.7	17.3	1 1/8	28.5	1.00	25.4	2820	15.2	385	3/8"	1/2"	16	453	12.0	5.5	90	6.3	2/Ctn/15.7 kg/0.87'	5
AT-2102H/R	14.7	17.3	1 1/8	28.5	2.00	51.0	2150	16.1	410	3/8"	1/2"	18	515	13.0	5.9	90	6.3	2/Ctn/15.9 kg/1.0'	5
AT-2103H/R	14.7	17.3	1 1/8	28.5	3.00	76.0	1920	16.9	430	3/8"	1/2"	20	566	14.3	6.5	90	6.3	2/Ctn/16.9 kg/1.06'	5
AT-2104H/R	14.7	17.3	1 1/8	28.5	4.00	102.0	1500	18.1	460	3/8"	1/2"	22	629	15.5	7.0	90	6.3	2/Ctn/17 kg/1.08'	5

R : for round chisel shank H : for hex. chisel shank

AIR CHIPPING HAMMER & CONCRETE BREAKER

AT-2109/H
4" chipping hammer (hex.)
AT-2109/R
4" chipping hammer (round)



AT-2108/H
3" chipping hammer (hex.)
AT-2108/R
3" chipping hammer (round)



AT-2107/H
2" chipping hammer (hex.)
AT-2107/R
2" chipping hammer (round)



AT-2115
Concrete Breaker



AT-2116
Concrete Breaker



Model No.	Chisel Shank (mm)		Piston Diameter		Piston Stroke		Blow per min. (B.P.M.)	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Work Air Pressure		Packing Pcs/Ctn/3 W/Cuft (kg)	Sug. Air Comp. (HP)
	Hex.	Round	inch	mm	inch	mm		inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-2107H/R	14.7	17.3	1 1/8	28.5	2.00	51	2200	14.4	365	3/8"	1/2"	18	515	17.7	8.04	90	6.3	2/Ctn/17.6 kg/0.95'	5
AT-2108H/R	14.7	17.3	1 1/8	28.5	3.00	76	1900	15.8	400	3/8"	1/2"	20	566	18.7	8.50	90	6.3	2/Ctn/18.5 kg/1.01'	5
AT-2109H/R	14.7	17.3	1 1/8	28.5	4.00	102	1500	16.7	425	3/8"	1/2"	22	629	19.6	8.88	90	6.3	2/Ctn/19.6 kg/1.07'	5
AT-2115	30mm		1.57"	40.0	9.25	235	1000	23.2	590	-	3/4"	35	990	54.2	24.60	90	6.3	1/Ctn/26.5 kg/0.9'	10
AT-2116	26mm		1.38"	35.0	5.94	151	1300	17.2	438	-	1/2"	28	792	31.1	14.10	90	6.3	1/Ctn/15.6 kg/0.7'	7.5

R : for round chisel shank H : for hex. chisel shank

AT-2402
Sand rammer



AT-2403
Sand rammer



AT-2404
Sand rammer



AT-2403L
Sand rammer



AT-2404L
Sand rammer



AT-2405L
Sand rammer



Model No.	Piston Diameter		Piston Stroke		Blow per min. (B.P.M.)	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Work Air Pressure		Packing Pcs/Ctn/3.0 W/Cuft (kg)	Sug. Air Comp. (HP)
	inch	mm	inch	mm		inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-2402	0.71	18.0	2.28	58	1500	11~14.2	280~360	1/4"	5/16"	6	170	3.53	1.60	90	6.3	10/Ctn/20 kg/0.76'	2
AT-2403	0.87	22.0	3.35	85	1000	15~18.5	380~470	3/8"	3/8"	8	226	6.50	2.95	90	6.3	6/Ctn/14.2 kg/1.39'	3
AT-2403L	0.87	22.0	3.35	85	1000	34.3~38.6	870~980	3/8"	3/8"	8	226	8.27	3.75	90	6.3	6/Ctn/25 kg/1.39'	3
AT-2404	1.00	25.4	4.84	123	800	19.7~26	500~660	3/8"	3/8"	12	340	13.22	6.00	90	6.3	4/Ctn/31.2 kg/1.6'	3
AT-2404L	1.00	25.4	4.84	123	800	41.7~47.6	1060~1210	1/2"	1/2"	12	340	17.63	8.00	90	6.3	2/Ctn/17.3 kg/1.08'	3
AT-2405L	1.26	32.0	5.67	144	800	42.5~49.2	1080~1250	1/2"	1/2"	16	453	21.58	9.79	90	6.3	2/Ctn/20.7 kg/1.08'	5

FLUX CHIPPERS



AT-2507
Air scaling hammer (single head)



AT-2508
Air scaling hammer (three heads)



AT-2510
Air gasket scraper



AT-2514
Air shovel



AT-2506
Long reach scraper



AT-2506L
Long reach scraper



AT-2501
Air flux chipper



AT-2511
Air flux chipper



AT-2512
Air flux chipper



AT-2680F
Air flux chipper



AT-2502
Air flux chipper



AT-2513
Air flux chipper



AT-2681F
Air flux chipper



Model No.	Piston Size (mm)	Blow per min. (B.P.M.)	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pos/Ctn/3. W/Cuft (kg)	Sug. Air Comp. (HP)
			inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-2501	23.5×20×73	3000	13.20	335	1/4"	3/8"	4	113	4.85	2.20	90	6.3	10/Ctn/24 kg/0.6'	1.5
AT-2502	23.5×20×73	2820	9.80	250	1/4"	3/8"	4	113	4.85	2.20	90	6.3	10/Ctn/24 kg/0.8'	1.5
AT-2506	28.5×23.8×90	2200	24.40	620	3/8"	3/8"	4	113	10.58	4.80	90	6.3	4/Ctn/22 kg/1.7'	1.5
AT-2506L	28.5×23.8×90	2200	48.00	1220	3/8"	3/8"	4	113	14.33	6.50	90	6.3	4/Ctn/29 kg/1.7'	1.5
AT-2507	30×24×75	7200	18.90	480	3/8"	3/8"	5	142	4.20	1.90	90	6.3	6/Ctn/10 kg/1.5'	1.5
AT-2508	27×21×69	2800	19.50	496	3/8"	3/8"	8	226	8.60	3.90	90	6.3	2/Ctn/9 kg/1.5'	2
AT-2510	12.7	5500	9.61	244	1/4"	3/8"	3.5	99	1.63	0.74	90	6.3	10/Ctn/10 kg/0.5'	1.5
AT-2511	18×14×47	4800	13.00	330	1/4"	3/8"	4	113	2.62	1.19	90	6.3	10/Ctn/12 kg/0.6'	1.5
AT-2512	25×50.5	4400	11.40	290	1/4"	3/8"	8	226	5.73	2.60	90	6.3	10/Ctn/27 kg/0.7'	2
AT-2513	33×28.5×94	2000	15.70	400	1/4"	3/8"	8	226	11.00	5.00	90	6.3	4/Ctn/22 kg/2.3'	2
AT-2514	35	1700	36.60	930	3/8"	1/2"	14	396	12.10	5.50	90	6.3	2/Ctn/15 kg/2.3'	5
AT-2680F	25.4×43.5	4000	13.00	330	1/4"	3/8"	8	226	5.50	2.50	90	6.3	10/Ctn/26 kg/1.2'	2
AT-2681F	20	4000	7.80	198	1/4"	3/8"	7	198	3.86	1.75	90	6.3	10/Ctn/21 kg/0.8'	2

F : flux chipper

AT-2503
Air needle scaler



AT-2504
Air needle scaler



AT-2505
Air needle scaler



AT-2523
Air needle scaler



AT-2524
Low vibration air needle scaler



AT-2525
Low vibration air needle scaler



AT-2681N
Air needle scaler



AT-2500
Air needle scaler



AT-2680N
Air needle scaler



AT-2520
Air needle scaler



AT-2521
Air needle scaler



AT-2522
Air needle scaler



Model No.	Standard Needles	Optional Needles	Blow per min. (B.P.M.)	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W./Cwt (kg)	Sug. Air Comp. (HP)
				inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-2500	Ø3×180×19pcs	Ø2×180×29pcs	3000	12.5	318	1/4"	3/8"	4	113	6.17	2.80	90	6.3	10/Ctn/28 kg/0.7'	2
AT-2503	Ø3×180×28pcs	Ø4×180×14pcs Ø2×180×66pcs	3500	14.2	360	3/8"	3/8"	8	226	7.70	3.50	90	6.3	6/Ctn/27 kg/2.1'	3
AT-2504	Ø4×180×36pcs	Ø2×180×66pcs Ø3×180×49pcs	2500	20.0	508	1/4"	3/8"	6	170	13.0	5.90	90	6.3	6/Ctn/21 kg/1.2'	3
AT-2505	Ø3×180×19pcs	Ø2×180×29pcs	3000	13.1	332	1/4"	3/8"	4	113	5.70	2.60	90	6.3	6/Ctn/21 kg/1.2'	2
AT-2520	Ø3×180×12pcs	-	4000	12.6	320	3/8"	3/8"	4	113	5.30	2.40	90	6.3	6/Ctn/16 kg/0.4'	2
AT-2521	Ø3×125×12pcs	-	4800	11.4	290	1/4"	3/8"	4	113	2.60	1.19	90	6.3	10/Ctn/15 kg/0.5'	2
AT-2522	Ø3×180×19pcs	-	4400	9.1	230	1/4"	3/8"	8	226	5.95	2.70	90	6.3	6/Ctn/18 kg/0.6'	3
AT-2523	Ø2×150×29pcs	-	4000	8.3	210	3/8"	3/8"	4	113	3.46	1.57	90	6.3	6/Ctn/11 kg/0.8'	2
AT-2524	Ø3×180×19 pcs	-	4500	14.5	368	1/4"	3/8"	5	142	5.50	2.50	90	6.3	6/Ctn/19 kg/1.2'	2
AT-2525	Ø3×180×19 pcs	-	4500	15.4	392	1/4"	3/8"	5	142	5.62	2.55	90	6.3	6/Ctn/19.5 kg/1.2'	2
AT-2680N	Ø3×180×19 pcs	-	4000	16.1	410	1/4"	3/8"	8	226	5.70	2.60	90	6.3	10/Ctn/29 kg/1.2'	3
AT-2681N	Ø3×180×13 pcs	-	4000	15.6	395	1/4"	3/8"	7	198	5.62	2.55	90	6.3	6/Ctn/18.5 kg/1.2'	2

N : needle scaler

COMPRESSION RIVETER

AT-2701

Alligator jaw type compression riveter (single cylinder)



AT-2702

Alligator jaw type compression riveter (tandem cylinder)



AT-2701L

Alligator jaw type compression riveter (single cylinder)



AT-2702L

Alligator jaw type compression riveter (tandem cylinder)



AT-2703

C-Yoke type compression riveter (single cylinder)



(w/o yoke)

AT-2704

C-Yoke type compression riveter (tandem cylinder)



(w/o yoke)



A TYPE



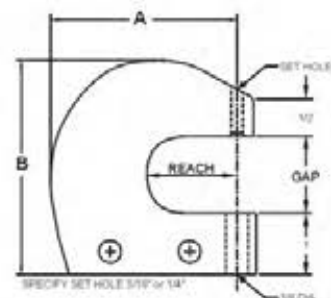
B TYPE



C TYPE



D TYPE
(Longeron Yoke)



* Above four types of yoke are optional for AT-2703 and AT-2704

Model No.	Rivet Capacity Diameter		Standard Yoke Dimensions		Max force with 90psi (6.2 bar) air pressure	Set Holder		Overall length	Weight with Yokes
	Alum	Steel	Reach	Gap		Max Travel	Stroke at Max power		
AT-2701	3.2mm	2.4mm	38.1	-	3000 lb	15.90mm	1.3mm	230mm	1.70 kg
AT-2701L	2.4mm	1.6mm	76.2	-	1800 lb	19.05mm	1.3mm	270mm	2.10 kg
AT-2702	4.8mm	4.0mm	38.1	-	6000 lb	15.90mm	1.3mm	240mm	2.20 kg
AT-2702L	3.2mm	2.4mm	76.2	-	4100 lb	19.05mm	1.3mm	280mm	2.50 kg
AT-2703	3.2mm	2.4mm	38.1	32	3000 lb	14.30mm	1.3mm	260mm	2.04 kg
AT-2704	4.8mm	4.0mm	76.2	32	6000 lb	14.30mm	1.3mm	356mm	2.49 kg

Model No.	Reach	Gap	"A"	"B"
A TYPE	1.5"	1-1/4	3-1/4	3-3/4
B TYPE	3"	1-1/4	4-3/4	3-3/4
C TYPE	4"	1-1/4	6-1/4	3-3/4
D TYPE	2.5"	1-1/4	4	4

L : long reach alligator jaw type

TP-2700A 3/32" Dimple Punch & Die Set



TP-2700B 1/8" Dimple Punch & Die Set



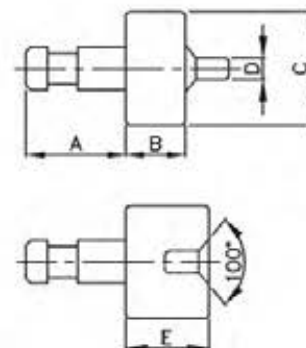
TP-2700C 5/32" Dimple Punch & Die Set



TP-2701A #6 Dimple Punch & Die Set



TP-2701B #8 Dimple Punch & Die Set

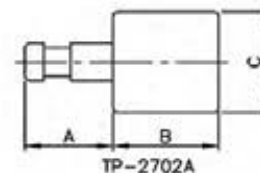


Model No.	Shank Size		A		B		C		D		E	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
TP-2700A	0.187	4.75	0.433	11	0.264	6.7	0.5	12.7	0.094	2.40	0.37	9.4
TP-2700B	0.187	4.75	0.433	11	0.264	6.7	0.5	12.7	0.125	3.10	0.37	9.4
TP-2700C	0.187	4.75	0.433	11	0.264	6.7	0.5	12.7	0.156	3.95	0.37	9.4
TP-2701A	0.187	4.75	0.433	11	0.268	6.8	0.625	15.9	0.134	3.40	0.38	9.6
TP-2701B	0.187	4.75	0.433	11	0.268	6.8	0.625	15.9	0.161	4.10	0.38	9.6

TP-2702A Flush set



TP-2702B Tubular roll die

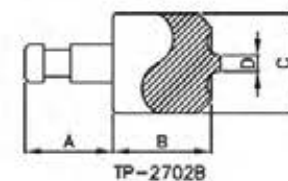


TP-2702A

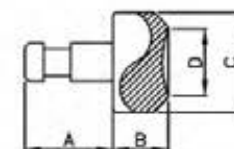
TP-2702C 5/32" cupped set



TP-2702D 3/16" cupped set



TP-2702B

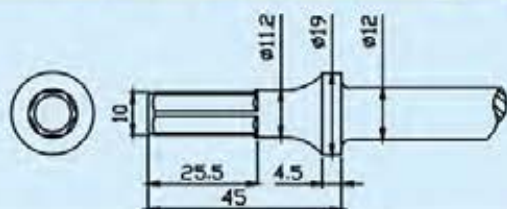


TP-2702C / TP-2702D

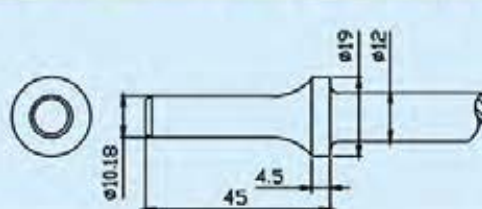
Model No.	Shank Size		A		B		C		D	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
TP-2702A	3/16	4.75	0.433	11	0.39	10.0	0.5	12.7	-	-
TP-2702B	3/16	4.75	0.433	11	0.49	12.5	0.5	12.7	0.08	2.1
TP-2702C	3/16	4.75	0.433	11	0.28	7.1	0.5	12.7	0.32	8.0
TP-2702D	3/16	4.75	0.433	11	0.36	9.2	0.5	12.7	0.39	9.8

FOR AIR HAMMER

Chisel Shank : Hexagonal 10mm for H type



Chisel Shank : Round 10.1mm for R type



TP-2021 Point chisel



Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2021HA	TP-2021HB	TP-2021HC	TP-2021HD
Round	TP-2021RA	TP-2021RB	TP-2021RC	TP-2021RD

TP-2022 Flat chisel



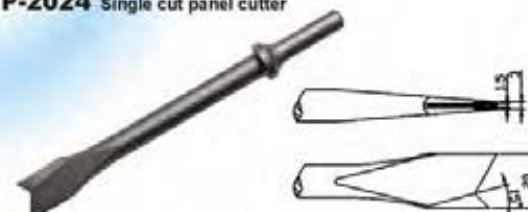
Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2022HA	TP-2022HB	TP-2022HC	TP-2022HD
Round	TP-2022RA	TP-2022RB	TP-2022RC	TP-2022RD

TP-2023 Edging chisel



Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2023HA	TP-2023HB	TP-2023HC	TP-2023HD
Round	TP-2023RA	TP-2023RB	TP-2023RC	TP-2023RD

TP-2024 Single cut panel cutter



Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2024HA	TP-2024HB	TP-2024HC	TP-2024HD
Round	TP-2024RA	TP-2024RB	TP-2024RC	TP-2024RD

TP-2025 Spot Weld Bracket



Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2025HA	TP-2025HB	TP-2025HC	TP-2025HD
Round	TP-2025RA	TP-2025RB	TP-2025RC	TP-2025RD

TP-2026 Tail Pipe Cutter



Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2026HA	TP-2026HB	TP-2026HC	TP-2026HD
Round	TP-2026RA	TP-2026RB	TP-2026RC	TP-2026RD

TP-2027 Tapered Punch



Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2027HA	TP-2027HB	TP-2027HC	TP-2027HD
Round	TP-2027RA	TP-2027RB	TP-2027RC	TP-2027RD

TP-2028 Muffler Cutter

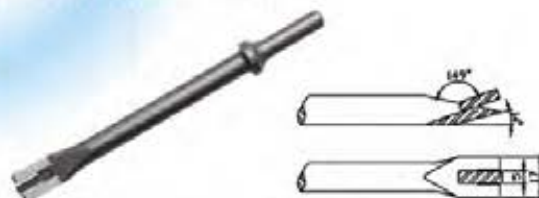


Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2028HA	TP-2028HB	TP-2028HC	TP-2028HD
Round	TP-2028RA	TP-2028RB	TP-2028RC	TP-2028RD

R : for round chisel shank H : for hex. chisel shank

FOR AIR HAMMER

TP-2029 Sheet Metal Trimmer



Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2029HA	TP-2029HB	TP-2029HC	TP-2029HD
Round	TP-2029RA	TP-2029RB	TP-2029RC	TP-2029RD

TP-2031 30mm Wide Bent Chisel



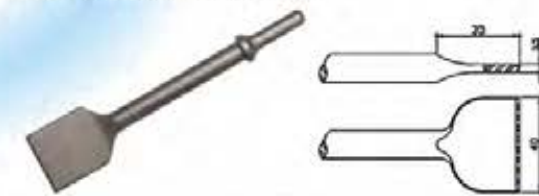
Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2031HA	TP-2031HB	TP-2031HC	TP-2031HD
Round	TP-2031RA	TP-2031RB	TP-2031RC	TP-2031RD

TP-2034 Sheet Metal Cutter



Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2034HA	TP-2034HB	TP-2034HC	TP-2034HD
Round	TP-2034RA	TP-2034RB	TP-2034RC	TP-2034RD

TP-2036 40mm Moon-shape chisel



Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2036HA	TP-2036HB	TP-2036HC	TP-2036HD
Round	TP-2036RA	TP-2036RB	TP-2036RC	TP-2036RD

TP-2038 40mm Wide Cutting Chisel



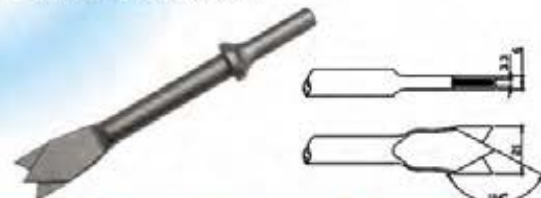
Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2038HA	TP-2038HB	TP-2038HC	TP-2038HD
Round	TP-2038RA	TP-2038RB	TP-2038RC	TP-2038RD

TP-2030 30mm Wide Flat Chisel



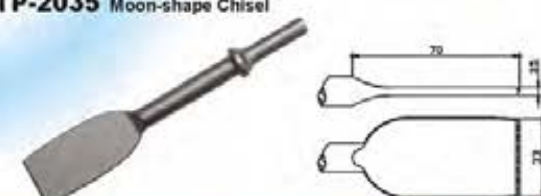
Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2030HA	TP-2030HB	TP-2030HC	TP-2030HD
Round	TP-2030RA	TP-2030RB	TP-2030RC	TP-2030RD

TP-2033 Double Edge Cutter



Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2033HA	TP-2033HB	TP-2033HC	TP-2033HD
Round	TP-2033RA	TP-2033RB	TP-2033RC	TP-2033RD

TP-2035 Moon-shape Chisel



Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2035HA	TP-2035HB	TP-2035HC	TP-2035HD
Round	TP-2035RA	TP-2035RB	TP-2035RC	TP-2035RD

TP-2037 Sheet Metal Cutter



Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2037HA	TP-2037HB	TP-2037HC	TP-2037HD
Round	TP-2037RA	TP-2037RB	TP-2037RC	TP-2037RD

TP-2039 50mm Wide Cutting Chisel



Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2039HA	TP-2039HB	TP-2039HC	TP-2039HD
Round	TP-2039RA	TP-2039RB	TP-2039RC	TP-2039RD

R : for round chisel shank H : for hex. chisel shank

FOR AIR HAMMER

TP-2040 Hammer Chisel



Length Shank	5" 125mm	7" 175mm
Hexagonal	TP-2040HA	TP-2040HB
Round	TP-2040RA	TP-2040RB

TP-2042 Tapered Punch



Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2042HA	TP-2042HB	TP-2042HC	TP-2042HD
Round	TP-2042RA	TP-2042RB	TP-2042RC	TP-2042RD

TP-2044 16mm Cutting Chisel, Ling Blade, Bent



Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2044HA	TP-2044HB	TP-2044HC	TP-2044HD
Round	TP-2044RA	TP-2044RB	TP-2044RC	TP-2044RD

TP-2046 Hollow Gouge



Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2046HA	TP-2046HB	TP-2046HC	TP-2046HD
Round	TP-2046RA	TP-2046RB	TP-2046RC	TP-2046RD

TP-2048 Moll Point Chisel



Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2048HA	TP-2048HB	TP-2048HC	TP-2048HD
Round	TP-2048RA	TP-2048RB	TP-2048RC	TP-2048RD

TP-2041 Wide Guide Driver Tool



Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2041HA	TP-2041HB	TP-2041HC	TP-2041HD
Round	TP-2041RA	TP-2041RB	TP-2041RC	TP-2041RD

TP-2043 Spot Bracket Bent



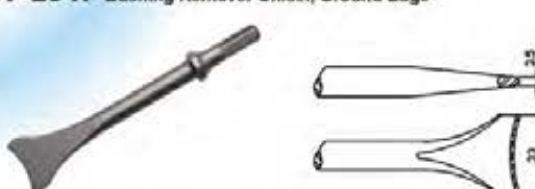
Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2043HA	TP-2043HB	TP-2043HC	TP-2043HD
Round	TP-2043RA	TP-2043RB	TP-2043RC	TP-2043RD

TP-2045 Shred Metal Trimmer



Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2045HA	TP-2045HB	TP-2045HC	TP-2045HD
Round	TP-2045RA	TP-2045RB	TP-2045RC	TP-2045RD

TP-2047 Bushing Remover Chisel, Ground Edge



Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2047HA	TP-2047HB	TP-2047HC	TP-2047HD
Round	TP-2047RA	TP-2047RB	TP-2047RC	TP-2047RD

TP-2049 Hollow Gouge



Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2049HA	TP-2049HB	TP-2049HC	TP-2049HD
Round	TP-2049RA	TP-2049RB	TP-2049RC	TP-2049RD

R : for round chisel shank **H** : for hex. chisel shank

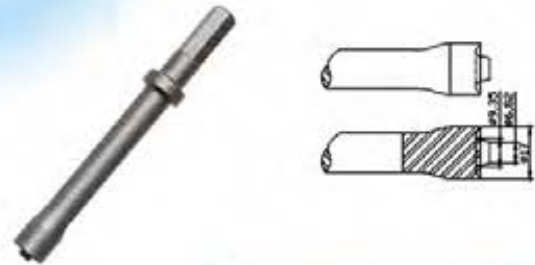
FOR AIR HAMMER

TP-2050 12mm Wide Cutting Chisel



Length Shank	5" 125mm	7" 175mm	10" 250mm	16" 400mm
Hexagonal	TP-2050HA	TP-2050HB	TP-2050HC	TP-2050HD
Round	TP-2050RA	TP-2050RB	TP-2050RC	TP-2050RD

TP-2051 Hollow rivet Chisel 10mm



Length Shank	5" 125mm	7" 175mm
Hexagonal	TP-2051HA	TP-2051HB
Round	TP-2051RA	TP-2051RB

TP-2052 Hollow rivet Chisel 8mm



Length Shank	5" 125mm	7" 175mm
Hexagonal	TP-2052HA	TP-2052HB
Round	TP-2052RA	TP-2052RB

TP-2053 Hollow rivet Chisel 6mm



Length Shank	5" 125mm	7" 175mm
Hexagonal	TP-2053HA	TP-2053HB
Round	TP-2053RA	TP-2053RB

TP-2054 Universal Joint



Length Shank	5" 125mm	7" 175mm
Hexagonal	TP-2054HA	TP-2054HB
Round	TP-2054RA	TP-2054RB

TP-2055 Rivet Removing Punch



Length Shank	5" 125mm	7" 175mm
Hexagonal	TP-2055HA	TP-2055HB
Round	TP-2055RA	TP-2055RB

TP-2056 Panel Crimper
Bending sheet metal :
external body plates, doors, fenders, etc.



TP-2057 5/8" Fork Chisel
Disconnecting tie rod ends and ball joints.



FOR MINI CHIPPING HAMMER

Chisel Shank
Hexagonal 11.8mm for H type

Chisel Shank
Round 13.8mm for R type



TP-2121 Moll Point



Length	10"	16"	24"
Shank	250mm	400mm	600mm
Hexagonal	TP-2121HA	TP-2121HB	TP-2121HC
Round	TP-2121RA	TP-2121RB	TP-2121RC

TP-2122 16mm Wide Cutting Chisel



Length	10"	16"	24"
Shank	250mm	400mm	600mm
Hexagonal	TP-2122HA	TP-2122HB	TP-2122HC
Round	TP-2122RA	TP-2122RB	TP-2122RC

TP-2123 20mm Wide Cutting Chisel



Length	10"	16"	24"
Shank	250mm	400mm	600mm
Hexagonal	TP-2123HA	TP-2123HB	TP-2123HC
Round	TP-2123RA	TP-2123RB	TP-2123RC

TP-2124 30mm Wide Cutting Chisel



Length	10"	16"	24"
Shank	250mm	400mm	600mm
Hexagonal	TP-2124HA	TP-2124HB	TP-2124HC
Round	TP-2124RA	TP-2124RB	TP-2124RC

TP-2125 40mm Wide Cutting Chisel



Length	10"	16"	24"
Shank	250mm	400mm	600mm
Hexagonal	TP-2125HA	TP-2125HB	TP-2125HC
Round	TP-2125RA	TP-2125RB	TP-2125RC

TP-2126 50mm Wide Cutting Chisel

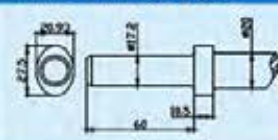
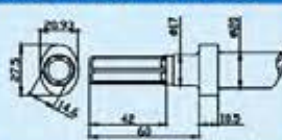


Length	10"	16"	24"
Shank	250mm	400mm	600mm
Hexagonal	TP-2126HA	TP-2126HB	TP-2126HC
Round	TP-2126RA	TP-2126RB	TP-2126RC

FOR CHIPPING HAMMER

Chisel Shank
Hexagonal 14.6mm for H type

Chisel Shank
Round 17.2mm for R type



TP-2101 Moll Point



Length	10"	16"	24"
Shank	250mm	400mm	600mm
Hexagonal	TP-2101HA	TP-2101HB	TP-2101HC
Round	TP-2101RA	TP-2101RB	TP-2101RC

TP-2102 20mm Wide Cutting Chisel



Length	10"	16"	24"
Shank	250mm	400mm	600mm
Hexagonal	TP-2102HA	TP-2102HB	TP-2102HC
Round	TP-2102RA	TP-2102RB	TP-2102RC

TP-2103 25mm Wide Cutting Chisel



Length	10"	16"	24"
Shank	250mm	400mm	600mm
Hexagonal	TP-2103HA	TP-2103HB	TP-2103HC
Round	TP-2103RA	TP-2103RB	TP-2103RC

TP-2104 30mm Wide Cutting Chisel



Length	10"	16"	24"
Shank	250mm	400mm	600mm
Hexagonal	TP-2104HA	TP-2104HB	TP-2104HC
Round	TP-2104RA	TP-2104RB	TP-2104RC

TP-2105 40mm Wide Cutting Chisel



Length	10"	16"	24"
Shank	250mm	400mm	600mm
Hexagonal	TP-2105HA	TP-2105HB	TP-2105HC
Round	TP-2105RA	TP-2105RB	TP-2105RC

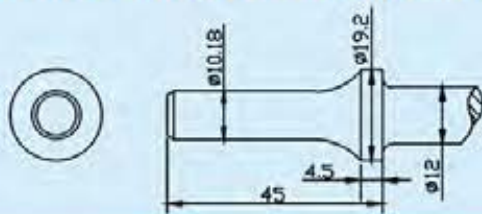
TP-2106 50mm Wide Cutting Chisel



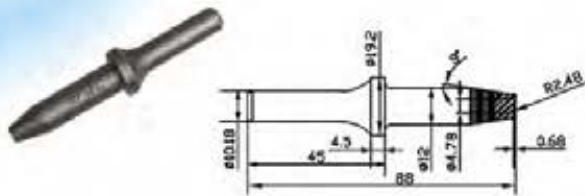
Length	10"	16"	24"
Shank	250mm	400mm	600mm
Hexagonal	TP-2106HA	TP-2106HB	TP-2106HC
Round	TP-2106RA	TP-2106RB	TP-2106RC

FOR RIVETING HAMMER

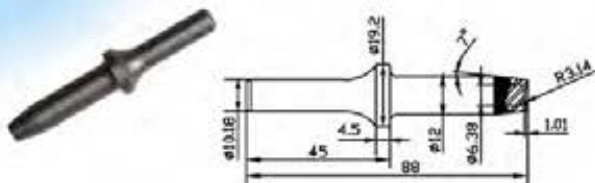
Chisel Shank :
Round 10.18mm for AT-2201, AT-2202, AT-2203, AT-2204



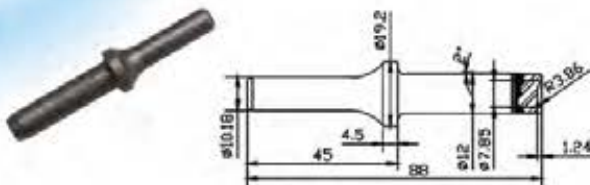
TP-2201 3/32" Rivet Caulking Chisel (Chisel Shank 10.18mm)



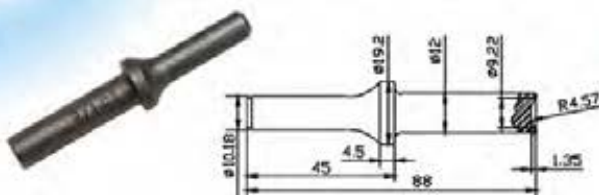
TP-2202 1/8" Rivet Caulking Chisel (Chisel Shank 10.18mm)



TP-2203 5/32" Rivet Caulking Chisel (Chisel Shank 10.18mm)



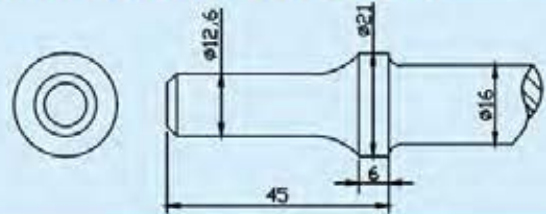
TP-2204 3/16" Rivet Caulking Chisel (Chisel Shank 10.18mm)



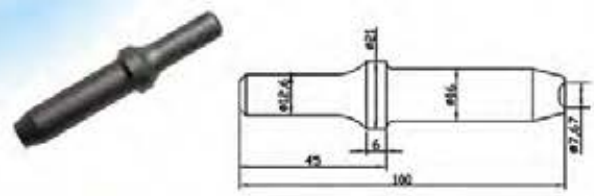
TP-2205 1" Rivet Caulking Chisel (Chisel Shank 10.18mm)



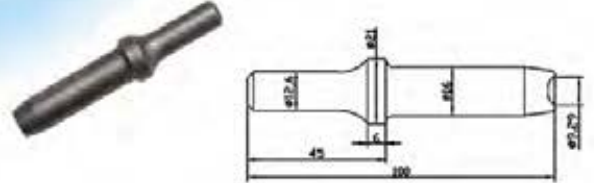
Chisel Shank :
Round 12.6mm for AT-2205, AT-2207, AT-2209



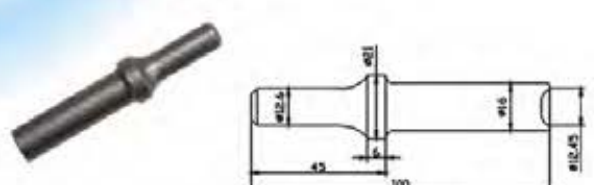
TP-2211 5/32" Rivet Caulking Chisel (Chisel Shank 12.6mm)



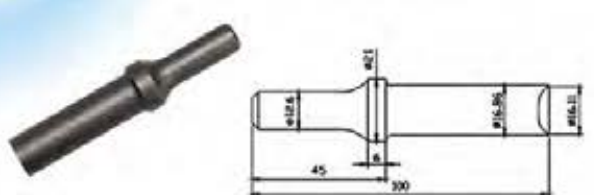
TP-2212 3/16" Rivet Caulking Chisel (Chisel Shank 12.6mm)



TP-2213 1/4" Rivet Caulking Chisel (Chisel Shank 12.6mm)



TP-2214 5/16" Rivet Caulking Chisel (Chisel Shank 12.6mm)

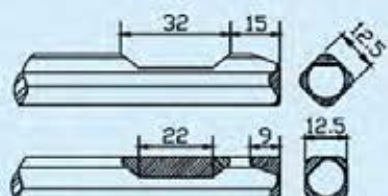


TP-2215 1-1/4" Rivet Caulking Chisel (Chisel Shank 12.6mm)

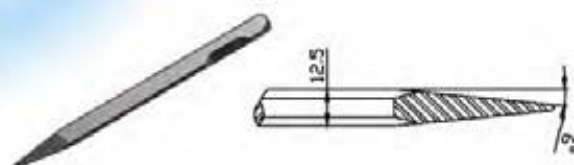


FOR FLUX CHIPPER

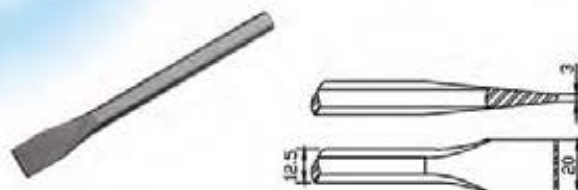
Chisel for AT-2501, AT-2502, AT-2512



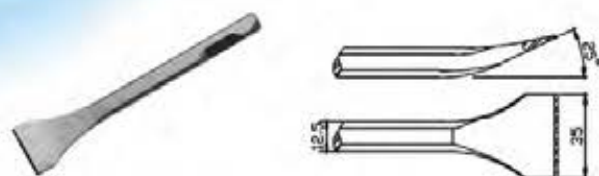
TP-2501 Moll Point Chisel



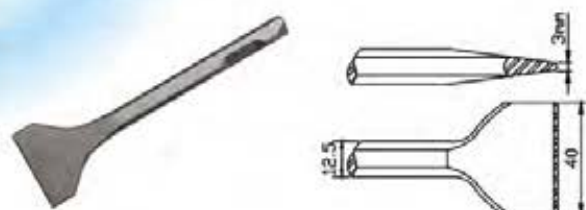
TP-2502 20mm Wide Cutting Chisel



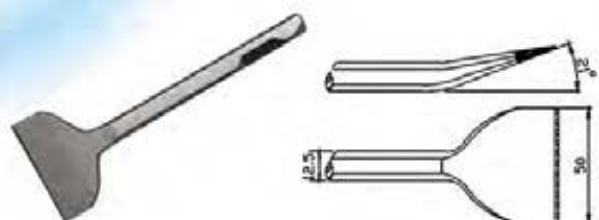
TP-2503 35mm Wide Bent Chisel



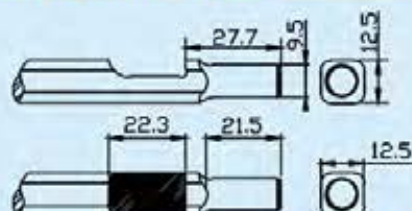
TP-2504 40mm Wide Cutting Chisel



TP-2505 50mm Wide Bent Chisel



Chisel for AT-2680, AT-2680F



TP-2681 Moll Point Chisel



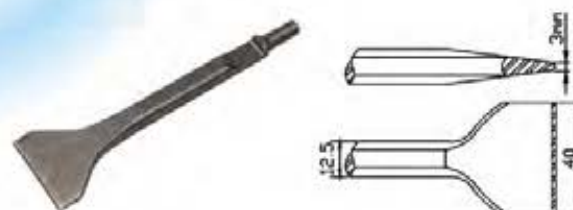
TP-2682 20mm Wide Cutting Chisel



TP-2683 35mm Wide Bent Chisel

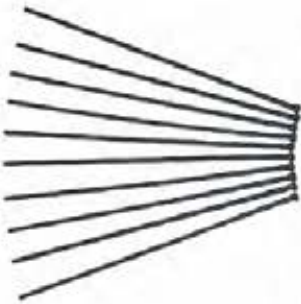


TP-2684 40mm Wide Cutting Chisel



TP-2685 50mm Wide Bent Chisel



	Part No.	Index	Description	For Air Tools
	AT-2001	1	Retainer spring	AT-2010 AT-2011 AT-2012 AT-2013 AT-2014 AT-2015 AT-2016 AT-2017 AT-2018 AT-2020 AT-2027 AT-2028 AT-2030 AT-2031 AT-2032 AT-2033 AT-2034 AT-2036 AT-2037
	AT-2002	2	Quick change retainer	
	AT-2005	3	Quick change retainer	
	AT-2006	4	2 ply universal retainer spring	
	TP-2291	5	Quick change retainer	AT-2205 AT-2207 AT-2209
	TP-2292	6	Quick change retainer	AT-2202 AT-2203 AT-2204
	TP-2191		Quick change retainer	AT-2101 AT-2102 AT-2103 AT-2104 AT-2107 AT-2108 AT-2109
	AT-2305C	1	Retainer spring open type	AT-2110/R AT-2110/H
	AT-2306C	2	Retainer spring close type	
	AT-2305R	1	Retainer spring open type	AT-2205 to AT-2209
	AT-2306R	2	Retainer spring close type	
	AT-2305A	1	Retainer spring open type	AT-2202 to AT-2204
	AT-2306A	2	Retainer spring close type	
	TP-2680		Needle scaler attachment	AT-2680
	AT-2071		Needle scaler attachment	AT-2011/H AT-2012/H AT-2013/H AT-2014/H AT-2015/H AT-2016/H AT-2017/H AT-2018/H AT-2027/H AT-2028/H AT-2031/H AT-2032/H AT-2033/H AT-2034/H AT-2036/H
	TP-2229		Replacement needle 2mm×180mm×29pcs	AT-2500 AT-2505
	TP-2229A		Replacement needle 2mm×150mm×29pcs	AT-2523
	TP-2266		Replacement needle 2mm×180mm×66pcs	AT-2503 AT-2504
	TP-2312		Replacement needle 3mm×180mm×12pcs	AT-2520
	TP-2312B		Replacement needle 3mm×125mm×12pcs	AT-2521
	TP-2319		Replacement needle 3mm×180mm×19pcs	AT-2500 AT-2505 AT-2680N AT-2522 AT-2524 AT-2525
	TP-2328		Replacement needle 3mm×180mm×28pcs	AT-2503
	TP-2349		Replacement needle 4mm×180mm×49pcs	AT-2504
	TP-2414		Replacement needle 4mm×180mm×14pcs	AT-2503
	TP-2435		Replacement needle 4mm×180mm×35pcs	AT-2504

AT-6317
3/16" Air riveter (vacuum type)



AT-6318
3/16" Air riveter (vacuum type)



AT-6319
1/4" Air riveter (vacuum type)



AT-6016
3/16" Air riveter



AT-6017
9/32" Air riveter



AT-6217
1/4" Air riveter



AT-6315
3/16" Air riveter



AT-6216
3/16" Air riveter



AT-6013
5/32" Air riveter
AT-6013A
3/16" Air riveter



Model No.	Blind Rivet Setting Capacity (inch)	Traction Power		Stroke Length		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption Per Rivet Cycle		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
		lb	kg	inch	mm	inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-6013	5/32	900	410	0.79	20	6.5	165	1/4"	3/8"	0.021	0.60	2.00	0.90	90	6.3	10/Ctn/15 kg/1.5'	1
AT-6013A	3/16	2000	910	0.83	21	8.5	216	1/4"	3/8"	0.034	0.95	3.00	1.40	90	6.3	10/Ctn/20 kg/2.0'	1
AT-6016	3/16	1983	900	0.67	17	11.8	300	1/4"	3/8"	0.030	0.85	3.30	1.50	90	6.3	10/Ctn/22 kg/2.8'	1
AT-6017	9/32	3124	1420	0.71	18	12.6	320	1/4"	3/8"	0.037	1.05	5.29	2.40	90	6.3	6/Ctn/22 kg/2.1'	1
AT-6216	3/16	1983	900	0.63	16	8.9	225	1/4"	3/8"	0.030	0.85	3.20	1.47	90	6.3	10/Ctn/22 kg/3'	1
AT-6217	1/4	3100	1413	0.75	19	10.2	260	1/4"	3/8"	0.035	1.00	4.40	2.00	90	6.3	6/Ctn/17 kg/2'	1
AT-6315	3/16	1686	720	0.55	14	9.1	230	1/4"	3/8"	0.030	0.85	3.30	1.50	90	6.3	10/Ctn/19 kg/2.2'	1
AT-6317	3/16	2000	910	0.59	15	11.4	290	1/4"	3/8"	4	113	3.26	1.48	90	6.3	10/Ctn/16 kg/3.3'	1.5
AT-6318	3/16	2000	910	0.93	23.5	11.4	290	1/4"	3/8"	4	113	3.41	1.55	90	6.3	10/Ctn/17 kg/3.3'	1.5
AT-6319	1/4	3800	1723	0.89	22.5	12.0	305	1/4"	3/8"	4	113	3.97	1.80	90	6.3	10/Ctn/19.5 kg/3.3'	1.5

AIR SPIN PULL TOOL

AT-6105M Air hydraulic spin pull tool (M4-M12)
AT-6105 Air hydraulic spin pull tool (#6-1/2")



AT-6206M Air hydraulic spin pull tool (M3-M12)
AT-6206 Air hydraulic spin pull tool (#6-1/2")



AT-6300
2100rpm air riveting nut tool



AT-6301
800rpm air riveting nut tool



AT-6302
500rpm air riveting nut tool



AT-6303
350rpm air riveting nut tool



AT-6300NB
4mm bolt riveting nut tool
AT-6300NC
5mm bolt riveting nut tool



AT-6301ND
6mm bolt riveting nut tool
AT-6301NE
8mm bolt riveting nut tool



Model No.	Riveting Nut Capacity	Traction Power		Stroke Length		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption Per Rivet Cycle		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
		lb	kg	inch	mm	inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-6105	#6-1/2"	6000	2722	0.276	7	10.94	278	1/4"	3/8"	0.074	2.1	5.07	2.30	85-95	6-6.7	5/Ctn/20 kg/2.8'	1
AT-6105M	M4-M12	6000	2722	0.276	7	10.94	278	1/4"	3/8"	0.074	2.1	5.07	2.30	85-95	6-6.7	5/Ctn/20 kg/2.8'	1
AT-6206	#6-1/2"	4520	2050	0.256	6.5	12.20	310	1/4"	3/8"	0.265	7.5	5.29	2.40	70-100	5-7	2/Ctn/10.8 kg/2'	1
AT-6206M	M3-M12	4520	2050	0.256	6.5	12.20	310	1/4"	3/8"	0.265	7.5	5.29	2.40	70-100	5-7	2/Ctn/10.8 kg/2'	1

Model No.	Rivet Nut Setting Capacity	Free Speed (RPM)	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
			inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-6300A	M3	2100	7.95	202	1/4"	3/8"	10	283	2.45	1.11	35-45	2.5-3.2	10/Ctn/13.8 kg /1.32'	2
AT-6300B	M4	2100	7.95	202	1/4"	3/8"	10	283	2.45	1.11	45-55	3.2-3.9	10/Ctn/13.8 kg /1.32'	2
AT-6300C	M5	2100	7.95	202	1/4"	3/8"	10	283	2.45	1.11	80-90	5.6-6.3	10/Ctn/13.8 kg /1.32'	2
AT-6301C	M5	800	9.17	233	1/4"	3/8"	10	283	2.89	1.31	45-55	3.2-3.9	10/Ctn/15.8 kg /1.32'	2
AT-6301D	M6	800	9.17	233	1/4"	3/8"	10	283	2.89	1.31	70-80	4.9-5.6	10/Ctn/15.8 kg /1.32'	2
AT-6301E	M8	800	9.17	233	1/4"	3/8"	10	283	2.89	1.31	80-90	5.6-6.3	10/Ctn/15.8 kg /1.32'	2
AT-6302D	M6	500	9.17	233	1/4"	3/8"	10	283	2.91	1.32	45-55	3.2-3.9	10/Ctn/15.8 kg /1.32'	2
AT-6302E	M8	500	9.17	233	1/4"	3/8"	10	283	2.91	1.32	60-70	4.2-4.9	10/Ctn/15.8 kg /1.32'	2
AT-6302F	M10	500	9.17	233	1/4"	3/8"	10	283	2.91	1.32	80-90	5.6-6.3	10/Ctn/15.8 kg /1.32'	2
AT-6303F	M10	350	9.17	233	1/4"	3/8"	10	283	2.91	1.32	65-75	4.6-5.3	10/Ctn/15.8 kg /1.32'	2
AT-6303G	M12	350	9.84	250	1/4"	3/8"	10	283	3.20	1.45	90-100	6.3-7.0	10/Ctn/17.3 kg /1.32'	2
AT-6300NB	M4	2100	7.05	179	1/4"	3/8"	10	283	2.45	1.11	40-60	2.8-4.2	10/Ctn/13.8 kg /1.32'	2
AT-6300NC	M5	2100	7.05	179	1/4"	3/8"	10	283	2.45	1.11	65-90	4.6-6.3	10/Ctn/13.8 kg /1.32'	2
AT-6301ND	M6	800	8.27	210	1/4"	3/8"	10	283	2.89	1.31	60-70	4.2-5.0	10/Ctn/15.8 kg /1.32'	2
AT-6301NE	M8	800	8.27	210	1/4"	3/8"	10	283	2.89	1.31	65-90	4.6-6.3	10/Ctn/15.8 kg /1.32'	2

AT-6069A
Turbo lap linear (stroke:0.3mm)



AT-6069B
Turbo lap linear (stroke:0.7mm)



AT-6069C
Turbo lap linear (stroke:1.2mm)



AT-6070A
Turbo lap swing (stroke:0.3mm)



AT-6070B
Turbo lap swing (stroke:0.7mm)



AT-6070C
Turbo lap swing (stroke:1.2mm)



AT-6066
Vibration reduced super fine air lapper



AT-6067
Vibration reduced finishing air file



AT-6068
Vibration reduced air file



Model No.	Shank Size (mm)	Stroke Length (mm)	Stroke Per Minute (B.P.M.)	Overall Length		Air Inlet (PT)	Air Hose (ID)	Hose Ass'y Length (M)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
				Inch	mm				scfm	l/min	lb	kg	psi	kg/cm ²		
AT-6066	Ø3	0.5~1	21000	8.07	205	1/4"	1/4"	1.5	6	170	1.19	0.54	90	6.3	20/Ctn/16 kg/1.85'	2
AT-6067	Ø5	3~5	12000	8.07	205	1/4"	1/4"	1.5	5	142	1.19	0.54	90	6.3	20/Ctn/16.6 kg/1.85'	2
AT-6068	Ø5	7~10	10000	7.68	195	1/4"	1/4"	1.5	4	113	1.41	0.64	90	6.3	20/Ctn/19.7 kg/1.85'	2
AT-6069A	Ø3	0.3	50000	8.27	210	1/4"	1/4"	1.5	4	113	0.42	0.19	90	6.3	38/Ctn/18 kg/2.19'	2
AT-6069B	Ø3	0.7	22000	8.27	210	1/4"	1/4"	1.5	4	113	0.42	0.19	90	6.3	38/Ctn/18 kg/2.19'	2
AT-6069C	Ø3	1.2	15000	8.27	210	1/4"	1/4"	1.5	4	113	0.42	0.19	90	6.3	38/Ctn/18 kg/2.19'	2
AT-6070A	Ø3	0.3	50000	8.27	210	1/4"	1/4"	1.5	4	113	0.42	0.19	90	6.3	38/Ctn/18 kg/2.19'	2
AT-6070B	Ø3	0.7	22000	8.27	210	1/4"	1/4"	1.5	4	113	0.42	0.19	90	6.3	38/Ctn/18 kg/2.19'	2
AT-6070C	Ø3	1.2	15000	8.27	210	1/4"	1/4"	1.5	4	113	0.42	0.19	90	6.3	38/Ctn/18 kg/2.19'	2



AT-6214

Vibration reduced industrial air saw



AT-6207

Air body saw (Rotor type)



AT-6208

Air body saw



AT-6110

Vibration reduced air body saw



AT-6113

Vibration reduced air pipe saw



AT-6108

Vibration reduced air body saw



Rear Exhaust :
360°exhaust diffuser



AT-6109

Vibration reduced air body saw



Rear Exhaust :
360°exhaust diffuser



AT-6011

Air body saw



AT-6008

Air body saw



AT-6111

Air body saw & file



AT-6112

Air body saw



Model No.	Cutting Capacity (mm)		Stroke Length (mm)	Stroke Per Minute (B.P.M.)	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
	Steel	Alum.			inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-6008	1.6	2.5	10	9000	9.25	235	1/4"	3/8"	5.0	142	1.65	0.75	90	6.3	20/Ctn/16 kg/1.0'	2
AT-6011	1.6	2.5	10	10000	9.06	230	1/4"	3/8"	5.0	142	1.37	0.62	90	6.3	20/Ctn/16.6 kg/1.0'	2
AT-6108	1.6	2.5	10	12000	7.2	183	1/4"	3/8"	5.0	142	0.88	0.40	90	6.3	20/Ctn/10 kg/1.0'	2
AT-6109	2.0	3.0	10	10000	8.46	215	1/4"	3/8"	5.0	142	1.21	0.55	90	6.3	20/Ctn/17 kg/1.2'	2
AT-6110	2.9	3.3	10	10000	10.35	263	1/4"	3/8"	4.5	127	1.12	0.51	90	6.3	20/Ctn/16 kg/1.17'	2
AT-6111	1.6	2.5	10	5000	9.06	230	1/4"	3/8"	5.0	142	2.16	0.98	90	6.3	10/Ctn/13 kg/1.3'	2
AT-6112	1.6	2.5	10	5000	9.45	240	1/4"	3/8"	5.0	142	2.38	1.08	90	6.3	10/Ctn/14 kg/1.4'	2
AT-6113	5	8	25	5000	13.58	345	1/4"	3/8"	4.5	127	1.68	0.76	90	6.3	10/Ctn/13 kg/1.45'	2
AT-6207	1.6	2.5	10	6000	9.06	230	1/4"	3/8"	7.0	198	1.76	0.80	90	6.3	20/Ctn/18 kg/1.2'	3
AT-6208	1.6	2.5	10	10000	10.23	260	1/4"	3/8"	5.0	142	1.65	0.75	90	6.3	20/Ctn/17 kg/1.2'	2
AT-6214	20	25	45	1200	15.75	400	1/4"	3/8"	8.0	226	6.17	2.80	90	6.3	5/Ctn/18 kg/1.44'	3

AT-6220
3" Air cut-off tool



AT-6221
4" Air cut-off tool



AT-6222
4.5" Air cut-off tool



AT-6027
Air cut off tool



AT-6126
3" Air cut-off tool



AT-6127
4" Air cut-off tool



AT-6128
4" air mini circular saw



AT-6025
Air nibbler (push type)



AT-6026
Air nibbler (pull type)



AT-6123
Air nibbler (pull type)



Model No.	Cutting Wheel Dia.		Free Speed (RPM)	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
	inch	mm		inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-6027	3x1/16x3/8	75x1.6x9.5	20000	9.36	187	1/4"	3/8"	10	283	1.72	0.78	90	6.3	20/Ctn/18 kg /1.34'	2
AT-6126	3x1/16x3/8	75x1.6x9.5	20000	7.09	180	1/4"	3/8"	10	283	1.85	0.84	90	6.3	10/Ctn/10 kg /1.0'	2
AT-6127	4x1/16x3/8	100x1.6x9.5	15000	16.7	420	1/4"	3/8"	10	283	3.70	1.68	90	6.3	10/Ctn/18 kg /1.7'	2
AT-6128	4x5/64x51/64	100x2x20	8000	9.37	238	1/4"	3/8"	9	255	2.71	1.23	90	6.3	10/Ctn/17 kg /2.0'	2
AT-6220	3x1/16x3/8	75x1.6x9.5	18000	8.86	225	1/4"	3/8"	10	283	1.83	0.83	90	6.3	20/Ctn/18 kg /1.4'	2
AT-6221	4x1/16x3/8	100x1.6x9.5	13000	9.45	240	1/4"	3/8"	12	340	2.05	0.93	90	6.3	20/Ctn/19.6 kg /2.0'	3
AT-6222	4.5x1/16x7/8	115x1.6x22.2	13000	9.45	240	1/4"	3/8"	12	340	2.05	0.93	90	6.3	20/Ctn/19.6 kg /2.0'	3

Model No.	Cutting Capacity (mm)		Stroke Per Minute (B.P.M.)	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
	Steel	Alum.		inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-6025	1.4	1.6	2900	7.09	180	1/4"	3/8"	9.5	269	2.16	0.98	90	6.3	20/Ctn/21 kg/1'	2
AT-6026	1.4	1.6	3200	8.27	210	1/4"	3/8"	8.5	241	1.76	0.80	90	6.3	20/Ctn/20 kg/1.2'	2
AT-6123	1.4	1.6	3500	7.68	195	1/4"	3/8"	10	283	2.05	0.93	90	6.3	20/Ctn/21 kg/1.2'	2

AIR METAL SHEAR / NIPPER

AT-6121
Air metal shear



AT-6021
Air metal shear



AT-6020
Air metal shear



AT-6023
Air scissor shear



AT-6024
Air scissor shear



AT-6075
Air nipper



AT-6072
Air nipper



AT-6073
Air nipper



AT-6074
Air nipper



Model No.	Cutting Capacity (mm)		Width Of Cut (mm)	Free Speed (RPM)	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
	Steel	Alum.			inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-6020	1.2	1.4	5.6	2500	10.04	255	1/4"	3/8"	8	226	2.42	1.10	90	6.3	20/Ctn/24 kg/0.85'	2
AT-6021	1.2	1.4	5.6	2500	8.46	215	1/4"	3/8"	7	198	2.51	1.14	90	6.3	10/Ctn/13.5 kg/1.06'	2
AT-6023	1.2	1.4	-	2500	10.04	255	1/4"	3/8"	8	226	3.03	1.35	90	6.3	10/Ctn/16.5 kg/1.44'	2
AT-6024	1.2	1.4	-	2500	11.81	300	1/4"	3/8"	8	226	2.58	1.16	90	6.3	10/Ctn/14.5 kg/1.44'	2
AT-6121	1.2	1.4	5.6	2200	8.46	215	1/4"	3/8"	8	226	2.64	1.20	90	6.3	10/Ctn/14 kg/1.06'	2

Model No.	Cutting Capacity (mm)		Body Dia. (mm)	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption	Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
	copper	iron		inch	mm				lb	kg	psi	kg/cm ²		
AT-6072	Ø1.0	Ø0.5	30	4.72	120	1/4"	1/4"	0.06	0.37	0.17	57-70	4-5	30/Ctn/10 kg /0.9'	1
AT-6073	Ø1.6	Ø1.0	36	5.35	136	1/4"	1/4"	0.12	0.58	0.26	70-85	5-6	30/Ctn/12 kg /0.9'	1
AT-6074	Ø2.6	Ø2.0	45	6.69	170	1/4"	1/4"	0.23	0.75	0.34	70-85	5-6	20/Ctn/11 kg /0.9'	1
AT-6075	Ø3.3	Ø2.8	56	8.15	207	1/4"	1/4"	0.58	1.23	0.56	70-85	5-6	20/Ctn/15 kg /0.9'	1

AT-6057
Air rivet shaver



AT-6054
Air spot drill



AT-6154
Air spot drill w/ hook



AT-6052
Air punch & flange



AT-6151
Air oval punch tool
(Punch die 6x20mm)



AT-6053
Air punch & flange



AT-6054K
Air spot drill kit



AT-6154K
Air spot drill kit



Model No.	Capacity (mm)	Punch Hole (mm)	Flange Width (mm)	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
				inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-6052	1.4	Ø5	12	9.76	248	1/4"	5/16"	4	110	2.90	1.30	90	6.3	10/Ctn/15 kg/0.82'	1
AT-6053	1.4	Ø5	12	7.28	185	1/4"	5/16"	4	110	2.20	1.00	90	6.3	10/Ctn/12 kg/1'	1
AT-6151	1.2	6x20	-	10.24	260	1/4"	5/16"	4	110	3.72	1.69	90	6.3	10/Ctn/18 kg/1.5'	1

Model No.	Drill Size (mm)	Free Speed (RPM)	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
			inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-6054	8	1800	10.24	260	1/4"	3/8"	12	340	2.91	1.32	90	6.3	10/Ctn/17 kg/1.4'	2
AT-6154	8	1600	11.61	295	1/4"	3/8"	7.5	212	4.67	2.12	90	6.3	5/Ctn/13 kg/1'	2

Model No.	Cutter dia. (mm)	Free Speed (RPM)	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
			inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-6057	1/2"	21000	10.24	260	1/4"	3/8"	12	340	2.64	1.2	90	6.3	10/Ctn/13 kg /1.2'	3

Model No.	AT-6054K	AT-6154K
Contents	1 Pc AT-6054 2 Pcs 6.5mm bits 2 Pcs 8mm bits 1 Pc swivel connector 1 Pc 2.5mm hex. wrench 1 Pc Mini Oiler 1 Pc Plastic Case Packing : 8 Sets/Ctn/22 kgs/1.7'	1 Pc AT-6154 2 Pcs 6.5mm bits 2 Pcs 8mm bits 1 Pc 2.5mm hex. wrench 1 Pc Mini Oiler 1 Pc Plastic Case Packing : 8 Sets/Ctn/22 kgs/1.7'

K : kit

AT-6081
Air tapping tool



AT-6092
Hand chamfering tool



AT-6125
2 in 1 oscillating multi-tool



AT-6060
Air engraving pen



AT-6061
Air engraving pen



AT-6062
Air engraving pen



AT-6014
Air knife



AT-6055
Tire buffer



AT-6033
4000 RPM Smart eraser w/pad



AT-6034
2500 RPM Smart eraser w/pad



AT-6014K
Air knife kit



Contents :
1 pc AT-6014
1 pc 5mm hex. Wrench
3 pcs Knife blades
1 Pc Plastic Case
Packing : 10/Ctn/18.2 kg /1.4'

Model No.	Free Speed (RPM)	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/CuFt (kg)	Sug. Air Comp. (HP)
		inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-6033	4000	7.87	200	1/4"	3/8"	8	226	1.72	0.78	90	6.3	20/Ctn/20 kg/0.96'	2
AT-6034	2500	7.87	200	1/4"	3/8"	8	226	1.72	0.78	90	6.3	20/Ctn/20 kg/0.96'	2
AT-6055	2500	8.27	210	1/4"	3/8"	8	226	2.16	0.98	90	6.3	20/Ctn/23 kg/0.96'	2
AT-6092	30000	4.72	120	1/4"	3/8"	7	198	0.93	0.42	90	6.3	20/Ctn/11 kg/1'	2

Model No.	Blow Per Minute (B.P.M.)	Overall Length		Air Inlet (PT)	Air Hose (ID)	Hose Ass'y Length (M)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/CuFt (kg)	Sug. Air Comp. (HP)
		inch	mm				scfm	l/min	lb	kg	psi	kg/cm ²		
AT-6060	3300	5.43	138	1/4"	3/16"	1.5	2.6	74	0.40	0.18	90	6.3	30/Ctn/7 kg/0.9'	1
AT-6061	2300	6.70	170	1/4"	3/16"	1.5	3.0	85	0.51	0.23	90	6.3	20/Ctn/6.7 kg/1.1'	1
AT-6062	13000	5.50	140	1/4"	3/16"	1.5	2.6	74	0.48	0.22	90	6.3	20/Ctn/6.0 kg/1.1'	1

Model No.	Knife Oscillation (per/min.)	Cutting Distance (mm)	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/CuFt (kg)	Sug. Air Comp. (HP)
			inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-6014	20000	3	7.87	200	1/4"	3/8"	8	226	2.34	1.06	90	6.3	10/Ctn/16 kg/1.4'	2
AT-6125	20000	3	7.09	180	1/4"	3/8"	8	226	1.50	0.88	90	6.3	20/Ctn/15.5 kg/1'	2

Model No.	Capacity			Free Speed (RPM)	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/CuFt (kg)	Sug. Air Comp. (HP)
	Iron	Copper	Alum.		inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-6081	6-8	6-12	6-12	350	7.87	200	1/4"	3/8"	8	226	2.34	1.06	90	6.3	10/Ctn/16 kg/1.4'	2

AT-6038
Composite air grease gun
(400cc/14oz)



AT-6138
Composite continuous shot air grease gun
(400cc/14oz)



AT-6036
Air grease gun (400cc/14oz)
AT-6036L
Air grease gun (500cc/16oz)



AT-6038L
Composite air grease gun
(500cc/16oz)



AT-6138L
Composite continuous shot air grease gun
(500cc/16oz)



AT-6037
Continuous shot air grease gun
(400cc/14oz)



AT-6039
continuous shot air grease gun
(400cc/14oz)



HT-6037
Mini grease gun



HT-6038
Mini grease gun



AT-6036K
Air grease gun kit (400cc/14oz)



Model No.	Capacity		Grease Port Outlet PT(NPT)	Air Inlet (PT)	Air Hose (ID)	Output Pressure (psi)	Output Volume (ml/min.)	Net Weight		Working Air Pressure		Packing (Pcs/Ctn/G.W./Cuft)	Sug. Air Comp. (HP)
	Bulk	Cartridge						lb	kg	psi	kg/cm ²		
AT-6036	400 cc	14 oz	1/8"	1/4"	3/8"	3600	-	3.09	1.4	90	6.3	10/Ctn/17.7 kg/2.2'	1
AT-6036L	500 cc	16 oz	1/8"	1/4"	3/8"	3600	-	3.31	1.5	90	6.3	10/Ctn/18.0 kg/2.6'	1
AT-6037	400 cc	14 oz	1/8"	1/4"	3/8"	3600	200	3.53	1.6	90	6.3	10/Ctn/18.9 kg/2.2'	1
AT-6038	400 ml	14 oz	1/8"	1/4"	3/8"	3600	-	2.20	1.0	90	6.3	10/Ctn/14 kg/2.5'	1
AT-6038L	500 ml	16 oz	1/8"	1/4"	3/8"	3600	-	2.20	1.0	90	6.3	10/Ctn/14 kg/2.5'	1
AT-6138	400 ml	14 oz	1/8"	1/4"	3/8"	3600	200	2.20	1.0	90	6.3	10/Ctn/14 kg/2.5'	1
AT-6138L	500 ml	16 oz	1/8"	1/4"	3/8"	3600	200	2.20	1.0	90	6.3	10/Ctn/14 kg/2.5'	1
AT-6039	400 ml	14 oz	1/8"	1/4"	3/8"	6000	200-400	7.05	3.2	90	6.3	5/Ctn/21 kg/3'	1

Model No.	Capacity		Grease Port Outlet PT(NPT)	Output Pressure (psi)	Net Weight		Packing (Pcs/Ctn/G.W./Cuft)
	Bulk	Cartridge			lb	kg	
HT-6037	80 ml	-	1/8"	1000	0.62	0.28	50/Ctn/15 kg/1.4'
HT-6038	-	100 ml	1/8"	1000	0.22	0.10	50/Ctn/12 kg/1.8'

Model No.	AT-6036K
Contents	1 Pc AT-6036 Grease Gun 1 Pc Manual Operated Gun head 1 Pc 1/4" Quick Coupler 1 Pc Hose Fitting 1 Pc Metallic Bend Spout 1 Pc 2" High Pressure Nylon Hose

AIR CAULKING GUN



AT-6040

Air caulking gun (for cartridge)



AT-6042

2 in 1 air caulking gun (for cartridge & sachet)



AT-6044

Air caulking gun (for sachet)

AT-6046

Air caulking gun (for sachet)



AT-6047

Air caulking gun (for sachet)



AT-6048

Air caulking gun (for cartridge)



AT-6049

Air caulking gun (for cartridge & sachet)



Model No.	Bore x Tube Length	Capacity ml	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing (Pcs/Ctn/G.W./Cuft)	Sug. Air Comp. (HP)
			Inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-6040	Ø2" x 9"	310	12	305	1/4"	1/4"	2	56	2.40	1.10	30~40	2~3	10/Ctn/14.5 kg/1.6'	0.5
AT-6042	Ø2" x 9"	310	13.78	350	1/4"	1/4"	2	56	2.12	0.96	30~40	2~3	10/Ctn/14.5 kg/1.6'	0.5
AT-6044	Ø2" x 9"	310	13.56	345	1/4"	1/4"	2	56	3.31	1.50	30~60	2~4	10/Ctn/17 kg/1.4'	0.5
AT-6046	Ø2" x 13"	600	17.72	450	1/4"	1/4"	2	56	4.19	1.90	30~60	2~4	6/Ctn/14 kg/1.3'	0.5
AT-6047	Ø2" x 13"	310~600	17.20	437	1/4"	1/4"	2	56	2.05	0.93	45~70	3~5	10/Ctn/11 kg/2.9'	0.5
AT-6048	Ø2" x 9"	310	13.19	335	1/4"	1/4"	2	56	1.32	0.60	30~60	2~4	10/Ctn/8 kg/1.8'	0.5
AT-6049	Ø2" x 9"	310~400	15.16	385	1/4"	1/4"	2	56	2.65	1.20	35~70	2.5~5	10/Ctn/15 kg/2.43'	0.5

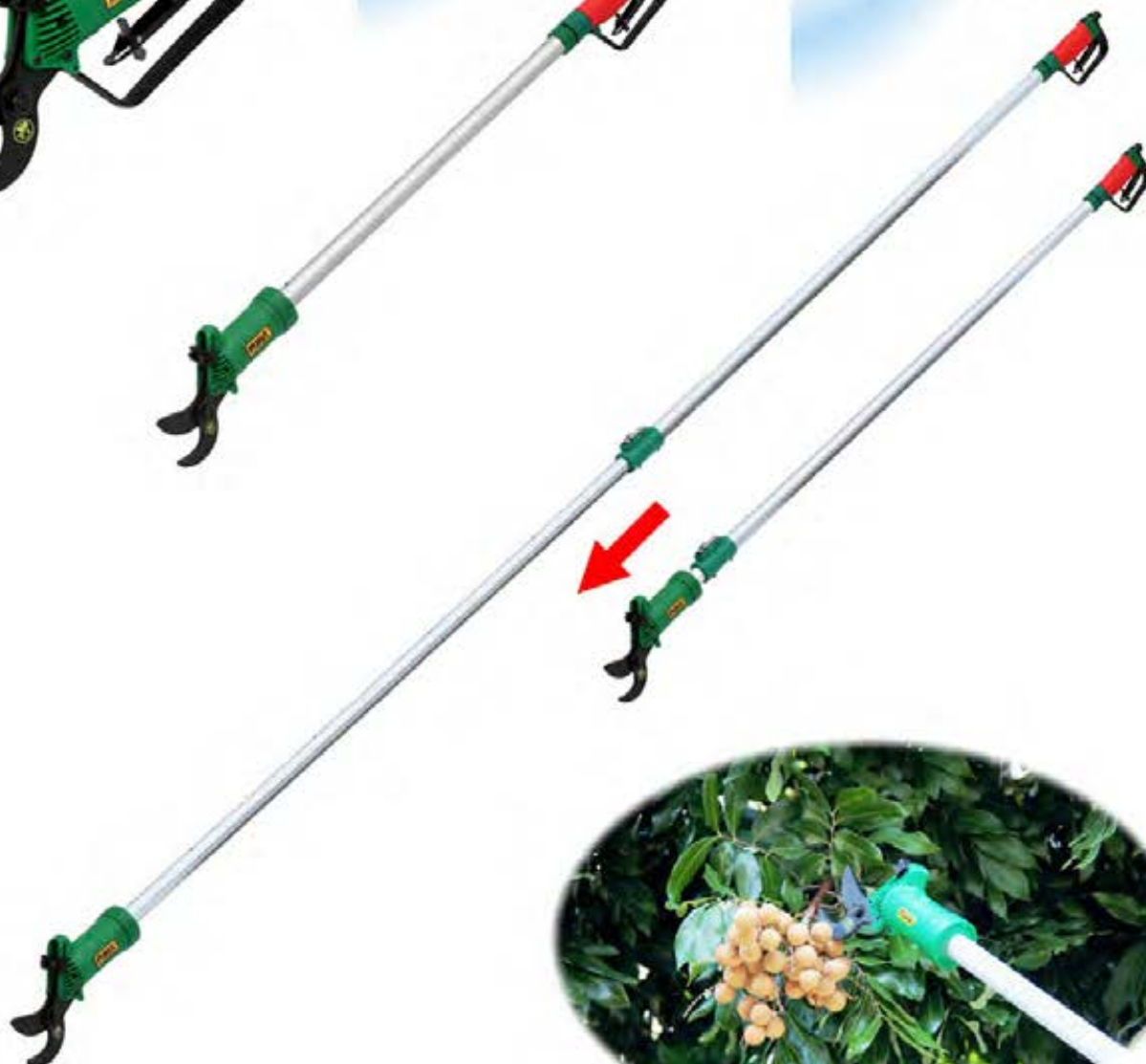
AT-6001
Air Pruning Shear



AT-6001M
Extendable Air Pruning Shear



AT-6001L
Telescopic Air Pruning Shear

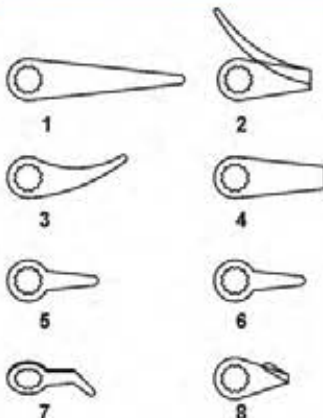


Features:

- Durable construction delivers long hours of cutting power.
- Light weight and easy operation.
- An unique safety lock associated with safety trigger preventing accident start-up.
- Forged blades for long last cutting.
- Telescopic extension pole for longer reach.

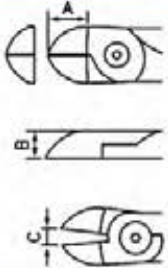
SPECIFICATIONS (at 90psi-6.2bar)

Model No.	Cutting Capacity		Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption L/cycle	Net Weight		Packing Pcs/Ctn/G.W/Cult (kg)	Sug. Air Comp. (HP)
	inch	mm	inch	mm				lb	kg		
AT-6001	1	25	10.63	270	1/4"	1/4"	0.073	1.50	0.68	10/Ctn/9 kg/1.0'	1
AT-6001M	1	25	39.37	1000	1/4"	1/4"	0.073	2.56	1.16	4/Ctn/8 kg/1.8'	1
AT-6001L	1	25	71.65~118.1	1820~3000	1/4"	1/4"	0.073	3.75	1.70	4/Ctn/10.5 kg/3.4'	1

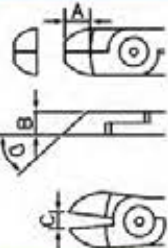
		Part No.	Index	Description	For Air Tools
		TP-6014-1A	1	Knife Blade (57mm)	AT-6014 AT-6125
		TP-6014-1B	1	Knife Blade (90mm)	
		TP-6014-2A	2	Knife Blade (18mm)	
		TP-6014-2B	2	Knife Blade (36mm)	
		TP-6014-2C	2	Knife Blade (63mm)	
		TP-6014-2D	2	Knife Blade (90mm)	
		TP-6014-3A	3	Knife Blade (30mm)	
		TP-6014-4A	4	Knife Blade (8mm)	
		TP-6014-5A	5	Knife Blade (35mm)	
		TP-6014-6A	6	Knife Blade (35mm)	
		TP-6014-7A	7	Knife Blade (35mm)	
		TP-6014-8A	8	Knife Blade (24mm)	
		TP-6027B	2 Pcs Aluminum Oxide Disk For use with Cut-Off Tool. Maximum safe speed 20000 RPM. Size: 3" Dia. by 1/16" with 3/8" hole.		AT-6027 AT-6028 AT-6029 AT-6126 AT-6220
		TP-6027C	4 Pcs Aluminum Oxide Disk For use with Cut-Off Tool. Maximum safe speed 20000 RPM. Size: 3" Dia. by 1/16" with 3/8" hole.		
		TP-6011A	1	Saw Blade (24T)	AT-6008 AT-6011 AT-6012 AT-6108 AT-6109 AT-6110 AT-6111 AT-6112 AT-6207 AT-6208
		TP-6011B	2	Saw Blade (32T)	
		TP-6011C	3	Saw Blade (18T)	
		TP-6011D	4	Saw blade (14T)	
		TP-6011A-5	1	5 pcs Saw Blade (24T)	
		TP-6011B-5	2	5 pcs Saw Blade (32T)	
		TP-6011C-5	3	5 pcs Saw Blade (18T)	
		TP-6011D-5	4	5 pcs Saw blade (14T)	
		TP-6113A	5 pcs Saw Blade (14T)		AT-6113
		TP-6113B	5 pcs Saw Blade (18T)		
		TP-6113C	5 pcs Saw Blade (24T)		
		TP-6113D	5 pcs Saw Blade (32T)		
		TP-6114A	Saw blade (8/12T)		AT-6214
		TP-6114B	Saw blade E (14T)		
		TP-6066	3 pcs diamond file set- 3mm shank		AT-6066
		TP-6066A	1	2mm rectangular diamond file	
		TP-6066B	2	4mm rectangular diamond file	
		TP-6066C	3	6mm rectangular diamond file	
		TP-6067	4 pcs file set- 5mm shank		AT-6067 AT-6068
		TP-6067NF	1	5mm shank rectangular file	
		TP-6067NR	2	5mm shank round file	
		TP-6067NH	3	5mm shank half round file	
		TP-6067NT	4	5mm shank triangular file	

		Part No.	Index	Description	For Air Tools
		TP-6036		9" Flexible Nylon Hose	AT-6036 AT-6036L AT-6037 AT-6037L AT-6038 AT-6038L AT-6039 AT-6039L AT-6138 AT-6138L
		TP-6036A		10" Flexible Nylon Hose	
		TP-6036B		12" Flexible Nylon Hose	
		TP-6036C		18" Flexible Nylon Hose	
		TP-6036D		30" Flexible Nylon Hose	
		TP-6037		Grease Coupler	
 TP-6037A TP-6037B		TP-6037A		Metallic Rigid Spout W/needle Tip	
		TP-6037B		Metallic Rigid Spout	
 1 2 3 4 5 6		TP-6300A	1	3 mm pull-setter head kit	AT-6300
		TP-6300B	1	4 mm pull-setter head kit	
		TP-6300P	1	#6-32 pull-setter head kit	
		TP-6300Q	1	#8-32 pull-setter head kit	
		TP-6301C	2	5 mm pull-setter head kit	AT-6300 AT-6301
		TP-6301R	2	#10-32 pull-setter head kit	
		TP-6301S	2	#10-24 pull-setter head kit	
		TP-6301D	3	6 mm pull-setter head kit	
		TP-6301T	3	1/4"-20 pull-setter head kit	AT-6301 AT-6302
		TP-6302E	4	8 mm pull-setter head kit	
		TP-6302U	4	5/16"-18 pull-setter head kit	
		TP-6303F	5	10 mm pull-setter head kit	
		TP-6303V	5	3/8" pull-setter head kit	AT-6302 AT-6303
		TP-6303G	6	12 mm pull-setter head kit	AT-6303
		TP-6303W	6	1/2" pull-setter head kit	
		TP-6034		4" eraser rubber pad (5/16"-24T)	AT-6034 AT-6035
		TP-6020		Cutter head	AT-6020 AT-6021 AT-6121
		TP-6023		Cutter head	AT-6023 AT-6024

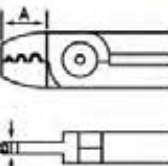
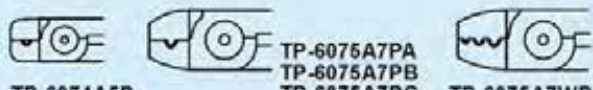
WIRE CUTTING BLADE

	Blade Model	Capacity (mm)		For Tools	Size		
		Copper	Iron		A (mm)	B (mm)	C (mm)
	TP-6072	Ø1.0	Ø0.5	AT-6072	11.0	6.9	1.8
	TP-6073	Ø1.6	Ø1.0	AT-6073	13.5	9.6	6.0
	TP-6074	Ø2.5	Ø2.0	AT-6074	19.0	11.8	7.5
	TP-6075	Ø3.3	Ø2.8	AT-6075	24.0	17.0	8.5
							
		TP-6072 TP-6073 TP-6074 TP-6075					

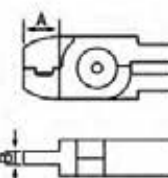
PLASTIC CUTTING BLADE

	Blade Model	Capacity (mm)		For Tools	Size			
		Soft plastic	Hard plastic		A (mm)	B (mm)	C (mm)	D
	TP-6074FD6	Ø5	Ø4.0	AT-6074	11	11.8	7.5	42°
	TP-6075FD8P	Ø10	Ø6.5	AT-6075	14	17.0	11.2	30°
								
		TP-6074FD6 TP-6075FD8P						

NON-INSULATED TERMINAL CRIMPING BLADE

	Blade Model	Capacity (sq)	For Tools	Size	
				A (mm)	B (mm)
	TP-6074A5P	1.25	AT-6074	11	5.7
	TP-6075A7PA	1.25	AT-6075	11.5	6.5
	TP-6075A7PB	2.0	AT-6075	11.5	6.5
	TP-6075A7PC	5.5	AT-6075	11.5	6.5
	TP-6075A7WP-3	1.25-5.5	AT-6075	28	6
					
		TP-6074A5P TP-6075A7PA TP-6075A7PB TP-6075A7PC TP-6075A7WP-3			

INSULATED TERMINAL CRIMPING BLADE

	Blade Model	Capacity (sq)	For Tools	Size	
				A (mm)	B (mm)
	TP-6075AR7PA	1.25	AT-6075	17	6
	TP-6075AR7PB	2.0	AT-6075	17	6
	TP-6075AR7PC	5.5	AT-6075	17	6
	TP-6075AR7WP	2.0-5.5	AT-6075	22	5.8
					
		TP-6075AR7PA TP-6075AR7PB TP-6075AR7PC TP-6075AR7WP			

FRAMING NAILER

AT-3095PH 21" Round head framing nailer



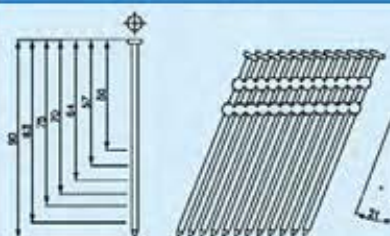
AT-3095 28" Clipped head framing nailer



AT-3095PA 34" Clipped head framing nailer

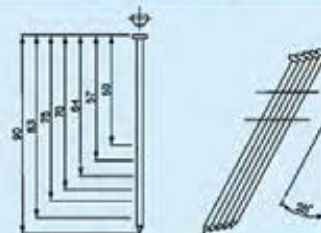


Plastic strip nails



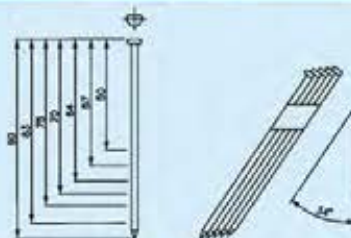
Smooth Shank	H2.87mm × Nail Length	50-75S
	H3.05mm × Nail Length	70-90S
	H3.33mm × Nail Length	75-90S
Ring Shank	H2.87mm × Nail Length	50-75R
	H3.05mm × Nail Length	70-83R
	H3.33mm × Nail Length	75-83R
Screw Shank	H2.87mm × Nail Length	50-75C
	H3.05mm × Nail Length	70-83C
	H3.33mm × Nail Length	75-83C

Paper strip nails



Smooth Shank :	2.87mm x Nail Length :	50-75S
	3.05mm x Nail Length :	70-90S
	3.33mm x Nail Length :	75-90S
Ring Shank :	2.87mm x Nail Length :	50-75R
	3.05mm x Nail Length :	70-83R
	3.33mm x Nail Length :	75-83R
Screw Shank :	2.87mm x Nail Length :	50-75C
	3.05mm x Nail Length :	70-83C
	3.33mm x Nail Length :	75-83C

Paper strip nails



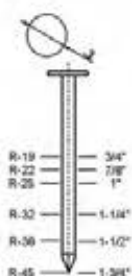
Smooth Shank	A2.87mm x Nail Length	50-75S
	A3.05mm x Nail Length	70-90S
	A3.33mm x Nail Length	75-90S
Ring Shank	A2.87mm x Nail Length	50-75R
	A3.05mm x Nail Length	70-83R
	A3.33mm x Nail Length	75-83R
Screw Shank	A2.87mm x Nail Length	50-75C
	A3.05mm x Nail Length	70-83C
	A3.33mm x Nail Length	75-83C

Features	Application
1. Narrow nose for accurate fastener placement.	1. Framing
2. Strong and lightweight magnesium die casting body.	2. Decking
3. Contact trip safety.	3. Strapping
4. Ergonomic/ overmolded cushion handle grip.	4. Subflooring
5. Fast Top loading.	5. Sheathing & exterior
	6. Trusses & bridging

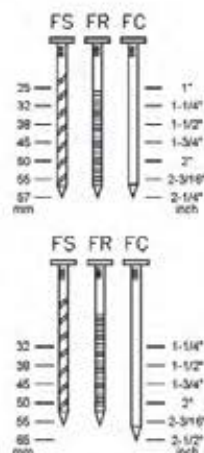
Model No.	Fastener				Tool Specification								Load Capacity
	Head	Shank Dia. inch (mm)	Length inch (mm)	Angle	Length		Height		Weight		Pressure		
					mm	inch	mm	inch	kg	lb	psi	kg/cm ²	
AT-3095PH	Round	0.113(2.87)~0.131(3.33)	2"(50)~3-1/2"(90)	21°	645	21.48	350	13.78	3.7	8.14	70-110	5-7.5	56~70
AT-3095	Clipped	0.113(2.87)~0.131(3.33)	2"(50)~3-1/2"(90)	28°	478	18.82	350	13.78	3.7	8.14	70-110	5-7.5	75~105
AT-3095PA	Clipped	0.113(2.87)~0.131(3.33)	2"(50)~3-1/2"(90)	34°	468	18.43	350	13.78	3.7	8.14	70-110	5-7.5	75~105

COIL NAILER

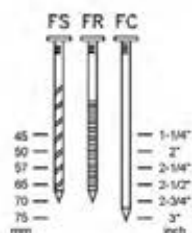
AT-3090
Roofing coil nailer



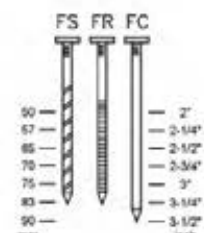
AT-3091
23/57 Coil nailer
AT-3093
25/65 Coil nailer



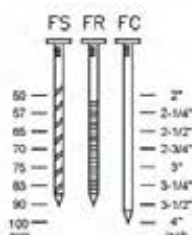
AT-3092
29/75 Coil nailer



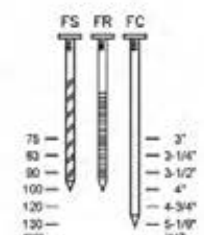
AT-3094
33/90 Coil nailer



AT-3291
33/100 Coil nailer



AT-3292
38/130 Coil nailer



Features

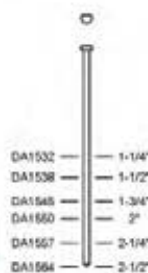
1. Strong and lightweight die casting body.
2. 360° adjustable exhaust port.
3. Fast, Easy top loading.
4. Contact trip safety

Application

1. Roofing felt
2. Tar paper
3. Upholstery panels
4. Create pallet
5. Sheathing
6. Wood assembly

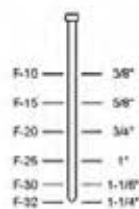
Model No.	Fastener			Tool Specification								Load Capacity
	Head Dia. mm	Shank Dia. inch (mm)	Length inch (mm)	Length mm	Length inch	Height mm	Height inch	Weight kg	Weight lb	Pressure psi	Pressure kg/cm ²	
AT-3090	10	0.122"(3.1)	3/4"(19)~1-3/4"(45)	300	11.8	255	10.0	2.40	5.3	70-110	5-7.5	200-300
AT-3091	5.0~6.0	0.083"(2.1)~0.091"(2.3)	1"(25)~2-1/4"(57)	300	11.8	310	12.2	2.20	4.9	70-110	5-7.5	200-300
AT-3092	5.7~7.0	0.091"(2.3)~0.11"(2.9)	1-3/4"(45)~3"(75)	315	12.4	340	13.4	3.86	8.5	70-110	5-7.5	150-300
AT-3093	5.0~6.0	0.091"(2.3)~0.099"(2.5)	1-1/4"(32)~2-1/2"(65)	300	11.8	330	13.0	2.30	5.1	70-110	5-7.5	200-300
AT-3094	6.0~7.2	0.099"(2.5)~0.131"(3.3)	2"(50)~3-1/2"(90)	320	12.6	370	14.6	4.10	9.0	70-110	5-7.5	150-300
AT-3291	6.0~7.2	0.099"(2.5)~0.131"(3.3)	2"(50)~4"(100)	380	15.0	390	15.4	5.30	11.7	70-110	5-7.5	200-300
AT-3292	7.5~8.6	0.12"(3.05)~0.15"(3.8)	3"(75)~5-1/8"(130)	360	14.2	467	18.4	6.40	14.1	70-110	5-7.5	120-225

AT-3075S 15GA., 2-1/2" Angle finish nailer



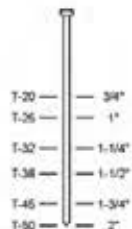
Features	Application
1. Strong and lightweight die casting body.	1. Furniture manufacturing
2. 360° adjustable exhaust port.	2. Paneling
3. Quick-released cover for easy jam removal.	3. Window & door manufacturing
4. Adjustable depth of drive for precision nailing.	4. Trim work
	5. Hardwood flooring

AT-3011 18GA., 1-1/4" Brad nailer



Features	Application
1. Strong and lightweight die casting body.	1. Book cases
2. 360° adjustable exhaust port.	2. Picture frames
	3. Furniture repair
	4. Paneling
	5. Cabinets

AT-3020 16GA., 2" Finish nailer



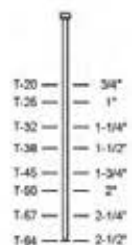
Features	Application
1. Strong and lightweight die casting body.	1. Window & door casing
2. 360° adjustable exhaust port.	2. Exterior finish trim
3. Quick-released cover for easy jam removal.	3. Crown moulding
4. Adjustable depth control.	4. Decorative trim
	5. Cabinet face frames

AT-3012 18GA., 2" Brad nailer



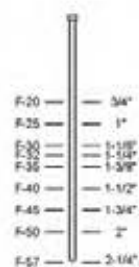
Features	Application
1. Strong and lightweight die casting body.	1. Book cases
2. 360° adjustable exhaust port.	2. Drawers
3. Quick released cover for easy jam removal.	3. Window bedding
4. Adjustable depth control.	4. Paneling
	5. Cabinets

AT-3070 16GA., 2-1/2" Finish nailer



Features	Application
1. Strong and lightweight die casting body.	1. Window & door casing
2. 360° adjustable exhaust port.	2. Exterior finish trim
3. Quick-released cover for easy jam removal.	3. Crown moulding
4. Adjustable depth control.	4. Decorative trim
	5. Cabinet face frames

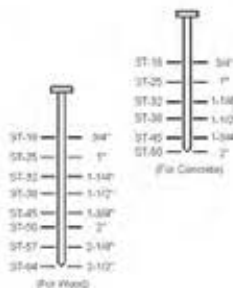
AT-3014 Air Corrugated Nail



Features	Application
1. Strong and lightweight die casting body.	1. Book cases
2. 360° adjustable exhaust port.	2. Drawers
3. Comfortable handle with rubber	3. Window bedding
4. Adjustable depth control.	4. Paneling
	5. Cabinets

Model No.	Fastener							Tool Specification								Magazine Capacity
	Gauge	Thickness		Width		Length		Length		Height		Weight		Pressure		
		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	lb	psi	kg/cm²	
AT-3011	18	1.0	0.040	1.25	0.05	10-32	3/8 ~ 1-1/4	235	9.3	190	7.5	1.10	2.42	60-100	4-7	100
AT-3012	18	1.0	0.040	1.25	0.05	15-50	5/8 ~ 2	243	9.6	247	9.7	1.42	3.13	60-100	4-7	100
AT-3014	18	1.0	0.040	1.25	0.05	20-57	3/4 ~ 2-1/4	250	9.8	247	9.7	1.50	3.31	60-100	4-7	100
AT-3020	16	1.4	0.055	1.6	0.063	20-50	3/4 ~ 2	310	12.2	260	10.2	2.18	4.80	60-100	4-7	100
AT-3070	16	1.4	0.055	1.6	0.063	20-64	3/4 ~ 2-1/2	330	13.0	317	12.5	2.56	5.64	60-100	4-7.5	100
AT-3075S	15	1.8	0.070	1.8	0.07	32-64	1-1/4 ~ 2-1/2	300	11.8	310	12.2	2.29	5.00	70-110	5-7.5	100

AT-3080 13GA., Concrete Nailer



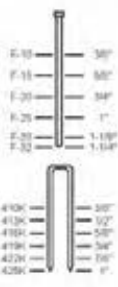
Features	Application
1. 360° adjustable exhaust port.	1. Concrete
2. Fast and easy side loading	2. Trackless carpet strip
3. Comfortable handle with rubber.	3. Floor underlay
4. Strong & lightweight die cast body.	4. Installation of metal drywall track
	5. Carpet edge moulding

AT-3084 23GA., 7/8" Headless pinner



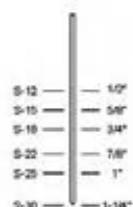
Features	Application
1. Strong and lightweight die casting body.	1. Book cases
2. 360° adjustable exhaust port.	2. Picture frames
	3. Furniture repair
	4. Paneling
	5. Cabinets

AT-3016 18GA., 1-1/4" 2 in 1 Brad nailer & stapler



Features	Application
1. Fast and easy side loading	1. Furniture repair
2. 360° adjustable exhaust port.	2. Cabinets
3. No mar pad and thin nose	3. Small trim
4. Adjustable driver length.	4. Chair rail
	5. Baseboards

AT-3086 23GA., 1-1/4" Headless pinner



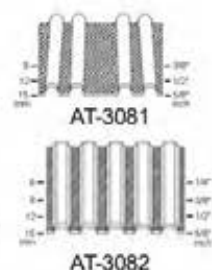
Features	Application
1. Strong and lightweight die casting body.	1. Book cases
2. 360° adjustable exhaust port.	2. Drawers
3. Quick released cover for easy jam removal.	3. Window bedding
4. Adjustable depth control.	4. Paneling
	5. Cabinets

AT-3015 18GA., 2" 2 in 1 Brad nailer & staple

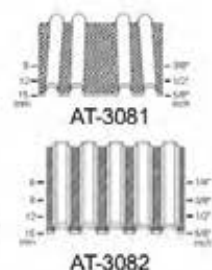


Features	Application
1. Fast and easy side loading	1. Furniture repair
2. 360° adjustable exhaust port.	2. Cabinets
3. No mar pad and thin nose	3. Small trim
4. Adjustable driver length.	4. Chair rail
	5. Baseboards

AT-3081 Corrugate Nailer



AT-3082 Corrugate Nailer



Features	Application
1. Strong and lightweight die casting body.	1. Furniture, Bedding,
2. 360° adjustable exhaust port.	2. Ticking (Flange) to Innerspring
3. Adjustable depth control.	3. Novelty
	4. Components

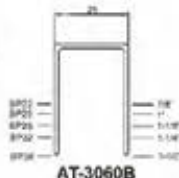
Model No.	Fastener							Tool Specification							Magazine Capacity	
	Gauge	Thickness		Width		Length		Length		Height		Weight		Pressure		
		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	lb	psi		kg/cm²
AT-3015	18	1.0	0.040	1.25	0.050	20-50	3/4-2	265	10.4	247	9.70	1.40	3.09	60-100	4-7	100
AT-3016	18	1.0	0.040	1.25	0.050	10-32	3/8-1-1/4	263	10.4	200	7.90	1.16	2.56	60-100	4-7	100
AT-3080	13	2.5	0.098	2.50	0.098	25-64	1-2-1/2	305	12.0	305	12.00	2.35	5.18	60-100	4-7	80
AT-3081	-	2.2	0.087	26.4	1.040	9-15	3/8-5/8	380	15.0	288	11.30	2.74	6.04	60-100	4-7	180
AT-3082	-	2.2	0.087	26.4	1.000	9-15	3/8-5/8	380	15.0	288	11.30	2.74	6.04	60-100	4-7	160
AT-3084	23	0.64	0.025	0.64	0.025	12-22	1/2-7/8	225	8.86	152	5.98	1.00	2.20	60-90	4-6.3	200
AT-3086	23	0.64	0.025	0.64	0.025	12-30	1/2-1-1/4	227	8.90	186	7.30	0.86	1.90	60-100	4-7	200

16GA., Wide crown stapler

16GA., Wide crown stapler



AT-3060S

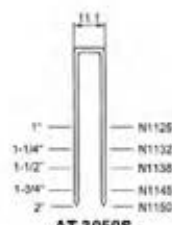


AT-3060B

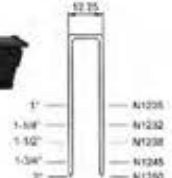
Features	Application
1. Strong and lightweight die casting body.	1. Drawer assembly
2. 360 degree adjustable exhaust port.	2. Cabinets
3. Fast easy top loading.	3. Casebacks
4. Adjustable driver length.	4. Crafts
	5. Bed frames
	6. Picture frames

16GA., 7/16" Medium crown stapler

16GA., 1/2" Medium crown stapler



AT-3050S

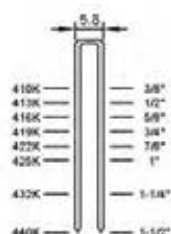


三三

Features	Application
1. Strong and lightweight die casting body.	1. Drawer assembly
2. 360 degree adjustable exhaust port.	2. Cabinets
3. Fast easy top loading.	3. Picture frames
4. Adjustable driver length.	4. Crafts
	5. Bed frames

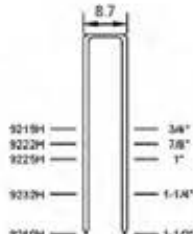
AT-3030
18GA., 1/4" Narrow crown stapler

18GA, 1/4" Narrow crown stapler



Features	Application
1. 360° adjustable exhaust port.	1. Drawers
2. Combination trigger.	2. Paneling
3. Quick top loading magazine.	3. Flower boxes
4. Comfortable handle with rubber.	4. Cabinet work
5. Strong & lightweight die cast body.	5. Door & window casting
	6. Book case
	7. Wooden toys

AT-3038
18 GA., 1/3" Crown Stapler



Features	Application
1. 360 degree adjustable exhaust port.	1. Drawer assembly
2. Fast and easy Upper loading.	2. Cabinet
3. Comfortable handle with rubber.	3. Casebacks
4. Strong & lightweight die cast body.	4. Picture frames
5. Adjustable driver length	5. Bed frames
	6. Crafts

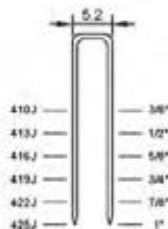
Model No.	Fastener									Tool Specification								Magazine Capacity
	Gauge	Thickness		Width		Crown		Length		Length		Height		Weight		Pressure		
		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	lb	psi	kg/cm²	
AT-3030	18	1.0	0.04	1.25	0.05	5.80	0.23	16~40	5/8~1-1/2	330	13.0	262	10.3	2.0	4.4	60-100	4-7	160
AT-3038	18	1.0	0.04	1.25	0.05	8.70	0.34	19~40	3/4~1-1/2	330	13.0	262	10.3	2.0	4.4	60-100	4-7	160
AT-3041	18	1.0	0.04	1.25	0.05	5.80	0.23	10~25	3/8~1	250	9.80	174	6.85	1.2	2.64	60-100	4-7	100
AT-3050S	16	1.4	0.06	1.60	0.06	11.10	0.44	20~50	3/4~2	385	15.2	289	11.4	2.4	5.3	60-100	4-7	150
AT-3050B	16	1.4	0.06	1.60	0.06	12.25	0.5	20~50	3/4~2	385	15.2	289	11.4	2.4	5.3	60-100	4-7	150
AT-3060S	16	1.4	0.06	1.60	0.06	26.40	1.04	22~38	7/8~1-1/2	325	12.8	300	11.8	2.5	5.5	60-100	4-7	140
AT-3060B	16	1.4	0.06	1.60	0.06	25.00	0.98	22~38	7/8~1-1/2	325	12.8	300	11.8	2.5	5.5	60-100	4-7	140

AT-3000

20GA., Narrow crown stapler

AT-3025

20GA., Narrow crown stapler

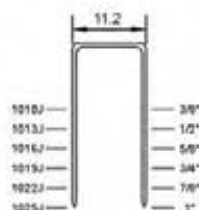


AT-3001

20GA., Medium crown stapler

AT-3007

20GA., Medium crown stapler

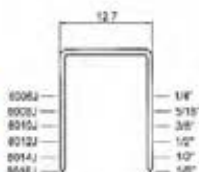


Features	Application
1. Combination trigger.	1. Drawers
2. Easy loading magazine.	2. Paneling
3. Comfortable handle with rubber.	3. Flower boxes
4. Strong & lightweight die cast body.	4. Cabinet work
	5. Door & window casting
	6. Book case
	7. Wooden toys

Features	Application
1. Combination trigger.	1. Drawers
2. Easy loading magazine.	2. Paneling
3. Comfortable handle with rubber.	3. Flower boxes
4. Strong & lightweight die cast body.	4. Cabinet work
	5. Door & window casting
	6. Book case
	7. Wooden toys

AT-3033

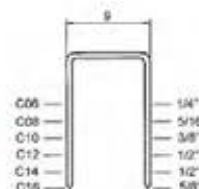
21GA., Fine wire stapler



Features	Application
1. Extra large cylinder design more powerful.	1. Cabinet
2. Easy loading magazine.	2. Furniture
3. High capacity magazine means less time is spent on reloading.	3. Construction
4. Ergonomically design for continuous operation.	4. Upholstery work
	5. Other kinds of fastening work.

AT-3008

22GA., Fine wire stapler



Features	Application
1. Extra large cylinder design more powerful.	1. Cabinet
2. Easy loading magazine.	2. Furniture
3. High capacity magazine means less time is spent on reloading.	3. Construction
4. Ergonomically design for continuous operation.	4. Upholstery work
	5. Other kinds of fastening work.

Model No.	Fastener									Tool Specification								Magazine Capacity
	Gauge	Thickness		Width		Crown		Length		Length		Height		Weight		Pressure		
		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	lb	psi	kg/cm²	
AT-3000	20	0.6	0.024	1.20	0.050	5.2	0.21	10-22	3/8-7/8	225	8.9	181	7.1	1.0	2.2	60-100	4-7	100
AT-3001	20	0.6	0.020	1.20	0.030	11.2	0.44	10-22	3/8-7/8	223	8.8	180	7.1	1.16	2.56	60-100	4-7	100
AT-3007	20	0.6	0.020	1.20	0.050	11.2	0.44	10-25	3/8-1	230	9.1	180	7.1	1.2	2.6	60-100	4-7	100
AT-3008	22	0.6	0.024	0.75	0.030	9.1	0.358	4-16	5/32-5/8	224	8.8	156	6.1	0.84	1.85	60-100	4-7	200
AT-3025	20	0.6	0.024	1.20	0.050	5.2	0.21	10-25	3/8-1	230	9.1	181	7.1	1.1	2.42	60-100	4-7	100
AT-3033	21	0.65	0.026	0.95	0.037	12.9	0.508	6-16	1/4-5/8	224	8.8	156	6.1	0.84	1.85	60-100	4-7	160

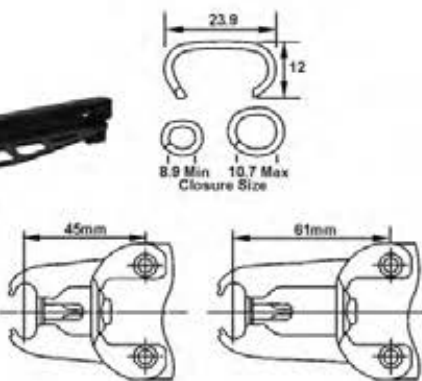
AT-3301
15 GA., Air C-ring tool



AT-3302
15 GA., Air C-ring tool



AT-3303
15 GA., Air C-ring tool
AT-3303L
15 GA., Long nose Air C-ring tool



Application

- Automotive Seating
- Auto Control Cables
- Upholstery, Bagging, Bungee
- Bedding - Ticking to Inner Spring/Border Wire
- Pocketed Coils, Caging, Insulation
- Silt Fence, Rope Tying

AT-3311
16 GA., Air C-ring tool



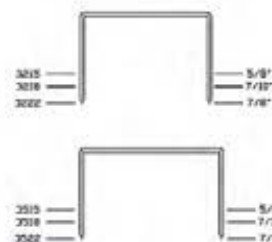
AT-3316
16 GA., Air C-ring tool



Model No.	Fastener					Tool Specification								Magazine Capacity
	Gauge	Shank Dia. (mm)	Crown (mm)	Height (mm)	Closure Dia. (mm)	Length		Height		Weight		Pressure		
						mm	inch	mm	inch	kg	lb	psi	kg/cm²	
AT-3301	15	1.8	23.9	12	5.5-6.5	320	12.6	187	7.4	1.45	3.2	70-100	5-7	100
AT-3302	15	1.8	23.9	12	4.8-8.7	374	14.7	187	7.4	1.45	3.2	70-100	5-7	100
AT-3303	15	1.8	23.9	12	8.9-10.7	374	14.7	187	7.4	1.45	3.2	70-100	5-7	100
AT-3303L	15	1.8	23.9	12	8.9-10.7	389	15.3	187	7.4	1.60	3.5	70-100	5-7	100
AT-3311	16	1.6	16.8	9	3.2-5.6	374	14.7	187	7.4	1.45	3.2	70-100	5-7	150
AT-3316	16	1.6	23.5	12	4.8-8.7	374	14.7	187	7.4	1.45	3.2	70-100	5-7	150

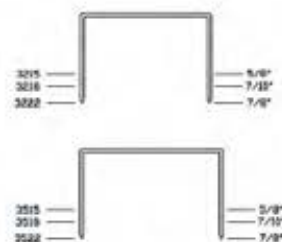
CARTON STAPLER & SPEED NAILER

- AT-3103A** 32mm crown air carton stapler (nail length:18mm)
AT-3103B 32mm crown air carton stapler (nail length:22mm)
AT-3104A 35mm crown air carton stapler (nail length:18mm)
AT-3104B 35mm crown air carton stapler (nail length:22mm)



Features	Application
1. Efficient 2. Saving energy 3. Easy to operate and hand carry 4. The tightness and penetration depth of staple is adjustable	For fast and secure closing of transport packaging, such as folding boxes, overlap cartons, board wrappings and similar packaging.

- HT-3103A** 32mm crown manual drive carton stapler (nail length:18mm)
HT-3103B 32mm crown manual drive carton stapler (nail length:22mm)
HT-3104A 35mm crown manual drive carton stapler (nail length:18mm)
HT-3104B 35mm crown manual drive carton stapler (nail length:22mm)



Features	Application
1. Efficient 2. Saving energy 3. Easy to operate and hand carry 4. The tightness and penetration depth of staple is adjustable	For fast and secure closing of transport packaging, such as folding boxes, overlap cartons, board wrappings and similar packaging.

AT-3100 Air speed nailer



AT-3110 Air speed hammer



Model No.	Fastener				Tool Specification								Magazine Capacity
	Crown (mm)	Thickness (mm)	Width (mm)	Length (mm)	Length		Height		Weight		Pressure		
					mm	inch	mm	inch	kg	lb	psi	kg/cm²	
AT-3103A	32	0.9	1.9	15 & 18	400	15.7	200	7.9	2.0	4.4	70-100	6-7	100
AT-3103B	32	0.9	1.9	22	400	15.7	200	7.9	2.0	4.4	70-100	6-7	100
AT-3104A	35	0.9	2.2	15 & 18	400	15.7	200	7.9	2.0	4.4	70-100	6-7	100
AT-3104B	35	0.9	2.2	22	400	15.7	200	7.9	2.0	4.4	70-100	6-7	100
HT-3103A	32	0.9	1.9	15 & 18	460	18.1	310	12.2	1.67	3.68	-	-	100
HT-3103B	32	0.9	1.9	22	460	18.1	310	12.2	1.67	3.68	-	-	100
HT-3104A	35	0.9	2.2	15 & 18	460	18.1	310	12.2	1.67	3.68	-	-	100
HT-3104B	35	0.9	2.2	22	460	18.1	310	12.2	1.67	3.68	-	-	100

Model No.	Blow per min. (BPM)	Overall Length		Air Inlet (PT)	Air Hose (ID)	Avg. Air Consumption		Net Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp. (HP)
		inch	mm			scfm	l/min	lb	kg	psi	kg/cm ²		
AT-3100	1000	4.7	120	1/4"	3/8"	5	140	2.69	1.22	90	6.3	10/Ctn/14 kg/0.8'	2
AT-3110	1000	4.0	100	1/4"	3/8"	5	140	2.20	1.00	90	6.3	10/Ctn/12 kg/0.8'	2

AS-1007
H.V.L.P. air spray gun



AS-1005
H.V.L.P. air spray gun



AS-1014HG
H.V.L.P. air spray gun



AS-1015HG
H.V.L.P. air spray gun



AS-1016HG
H.V.L.P. air spray gun



AS-1017HS
H.V.L.P. air spray gun



AS-1015LG
L.V.L.P. air spray gun



AS-1016HS
H.V.L.P. air spray gun



AS-1136
H.V.L.P. air spray gun



Model No.	Feed Type	Standard Nozzle (mm)	Optional Nozzle (mm)	Pattern Width (mm)	Capacity of Cup (c.c.)	Air Inlet (NPS)	Fluid Inlet	Avg. Air Consumption		Gun Weight		Working Air Pressure		Packing Pcs/Ctn/G. Wt/Cuft (kg)	Sug. Air Comp (HP)
								scfm	l/min	lb	kg	psi	kg/cm ²		
AS-1005	Gravity	1.5	1.3, 1.7, 1.9, 2.2	250~310	600	1/4"	M16x1.5P	10	283	1.37	0.62	20-45	1.5-3	10/Ctn/14 kg/2.2'	3
AS-1007	Gravity	0.8	0.5, 1.0	130~140	125	1/4"	M14x1.0P	4	114	0.62	0.28	20-45	1.5-3	20/Ctn/14 kg/1.2'	2
AS-1014HG	Gravity	1.4	1.7, 2.0	300~320	600	1/4"	M16x1.5P	10	283	1.32	0.60	20-45	1.5-3	10/Ctn/14 kg/2.2'	3
AS-1015HG	Gravity	1.4	1.3, 1.7, 2.0	300~320	600	1/4"	M16x1.5P	9	255	1.37	0.62	20-35	1.5-2.5	10/Ctn/14 kg/2.2'	3
AS-1015LG	Gravity	1.4	1.3, 1.7, 2.0	300~320	600	1/4"	M16x1.5P	9	255	1.37	0.62	15-28	1-2	10/Ctn/14 kg/2.2'	3
AS-1016HG	Gravity	1.4	0.8, 1.1, 1.8, 2.0	275~320	250	1/4"	1/4"NPS	8.5	240	0.71	0.32	20-35	1.5-2.5	10/Ctn/9 kg/2.2'	3
AS-1016HS	Suction	1.4	0.8, 1.1, 1.8, 2.0	270~320	1000	1/4"	3/8"NPS	8.5	240	0.71	0.32	20-35	1.5-2.5	10/Ctn/10 kg/2.5'	3
AS-1017HS	Suction	1.4	1.2, 1.6, 1.8, 2.0	290~320	1000	1/4"	3/8"NPS	8	226	1.12	0.51	20-35	1.5-2.5	10/Ctn/10 kg/1.7'	3
AS-1136	Suction	1.5	1.3, 1.7, 1.9, 2.2	290~320	1000	1/4"	3/8"NPS	12	340	2.30	1.06	20-45	1.5-3	10/Ctn/14 kg/2.5'	3

AIR SPRAY GUN

AS-1001
Air spray gun



AS-1002
Air spray gun



AS-1015CG
Air spray gun



AS-1022CG
Air spray gun



AS-1016CG
Air spray gun



AS-1003
Gravity type air spray gun



AS-1022CS
Air spray gun



AS-1016CS
Air spray gun



AS-1017CS
Air spray gun



Model No.	Feed Type	Standard Nozzle (mm)	Optional Nozzle (mm)	Pattern Width (mm)	Capacity of Cup (c.c.)	Air Inlet (NPS)	Fluid Inlet	Avg. Air Consumption		Gun Weight		Working Air Pressure		Packing Pcs/Ctn/G.W/Cuft (kg)	Sug. Air Comp (HP)
								scfm	l/min	lb	kg	psi	kg/cm ²		
AS-1001	Gravity	0.8	0.5, 1.0	130~140	125	1/4"	M14x1.0P	4	114	0.62	0.28	35-50	2.5-3.5	20/Ctn/14 kg/1.2'	2
AS-1002	Gravity	1.4	1.7, 2.0	250~300	600	1/4"	M16x1.6P	10	283	1.37	0.62	35-50	2.5-3.5	10/Ctn/11 kg/2.2'	3
AS-1003	Gravity	1.5	1.3	270	250	1/4"	1/4"NPS	7	198	1.01	0.46	35-50	2.5-3.5	20/Ctn/18 kg/2'	3
AS-1015CG	Gravity	1.4	1.3, 1.7, 2.0	270~280	600	1/4"	M16x1.6P	10	283	1.37	0.62	35-50	2.5-3.5	10/Ctn/11 kg/2.2'	3
AS-1016CG	Gravity	1.4	1.1, 1.8, 2.0	290~310	250	1/4"	1/4"NPS	9	255	0.71	0.32	35-50	2.5-3.5	10/Ctn/9 kg/2.2'	3
AS-1016CS	Suction	1.4	1.8, 2.0	300~320	1000	1/4"	3/8"NPS	8.5	240	0.71	0.32	35-50	2.5-3.5	10/Ctn/10 kg/2.5'	3
AS-1017CS	Suction	1.4	1.2, 1.6, 1.8, 2.0	300~340	1000	1/4"	3/8"NPS	8	226	1.12	0.51	35-50	2.5-3.5	10/Ctn/10 kg/2.5'	3
AS-1022CG	Gravity	1.5	—	200	400	1/4"	1/4"NPS	8	226	1.04	0.47	35-50	2.5-3.5	10/Ctn/9 kg/2.2'	3
AS-1022CS	Suction	1.5	—	200	750	1/4"	1/4"NPS	8	226	1.15	0.52	35-50	2.5-3.5	10/Ctn/11 kg/2.2'	3

AS-1040
High pressure spray gun



AS-1040R
High pressure spray gun
w/simple control valve



AS-1031
Suction type air spray gun



AS-1050
Suction type air spray gun



AS-1016P
Pressure type air spray gun



AS-1017P
Pressure type air spray gun



SP-1006
Pressure type air spray gun



SP-1005
Pressure type air spray gun



AS-1070
2 liters paint tank with spray gun



AS-1080
2-1/4 gallons paint tank with spray gun
AS-1180
2-1/4 gallons paint tank with spray gun



Model No.	Feed Type	Standard Nozzle (mm)	Optional Nozzle (mm)	Pattern Width (mm)	Capacity of Cup (c.c.)	Air Inlet (NPS)	Fluid Inlet	Avg. Air Consumption		Gun Weight		Working Air Pressure		Packing Pcs/Ctn/G.W./Cwt (kg)	Sug. Air Comp. (HP)
								scfm	l/min	lb	kg	psi	kg/cm ²		
AS-1016P	Pressure	1.1	0.8	150	-	1/4"	3/8"NPS	7.5	212	0.71	0.32	35-50	2.5-3.5	20/Ctn/12 kg/1.5'	3
AS-1017P	Pressure	1.2	1.4	300	-	1/4"	3/8"NPS	7.5	212	1.12	0.51	35-50	2.5-3.5	20/Ctn/13.5 kg/1.7'	3
AS-1031	Suction	1.5	1.3	270	700	1/4"	1/4"NPS	7	198	1.01	0.46	35-50	2.5-3.5	10/Ctn/12 kg/1.6'	3
AS-1040	Suction	1.6	1.8, 2.0	270-290	1000	1/4"	3/8"NPS	10	283	2.42	1.10	50-70	3.5-5.0	10/Ctn/15.2 kg/2.6'	3
AS-1040R	Suction	1.6	1.8, 2.0	270-290	1000	1/4"	3/8"NPS	10	283	2.42	1.10	50-70	3.5-5.0	10/Ctn/15.2 kg/2.6'	3
AS-1050	Suction	1.8	-	280	1000	1/4"	3/8"NPS	10	283	1.54	0.70	35-50	2.5-3.5	10/Ctn/15 kg/2.7'	3
AS-1070	Pressure	1.0	-	250	2000	1/4"	3/8"NPS	10	283	1.54	0.70	35-50	2.5-3.5	4/Ctn/15 kg/2.5'	3
AS-1080	Pressure	1.0	-	250	10000	1/4"	3/8"NPS	10	283	1.54	0.70	35-50	2.5-3.5	2/Ctn/21 kg/2.9'	3
AS-1180	Pressure	1.0	-	250	10000	1/4"	3/8"NPS	10	283	1.54	0.70	35-50	2.5-3.5	2/Ctn/21 kg/2.9'	3
SP-1005	Pressure	1.0	-	250	-	1/4"	3/8"NPS	6	170	1.37	0.62	35-50	2.5-3.5	20/Ctn/15 kg/1.7'	3
SP-1006	Pressure	1.0	1.3	280	-	1/4"	1/4"NPS	7	198	1.01	0.46	35-50	2.5-3.5	20/Ctn/12 kg/1.5'	3

PRESSURE TANK

SP-1500

10L Auto agitating pressure tank

SP-1501

20L Auto agitating pressure tank

SP-1502

40L Auto agitating pressure tank

SP-1503

60L Auto agitating pressure tank

SP-1504

80L Auto agitating pressure tank



SP-1505

10L Manual agitating pressure tank

SP-1506

20L Manual agitating pressure tank

SP-1507

40L Manual agitating pressure tank

SP-1508

60L Manual agitating pressure tank

SP-1509

80L Manual agitating pressure tank



SP-1510

10L Auto agitating stainless steel pressure tank

SP-1511

20L Auto agitating stainless steel pressure tank

SP-1512

50L Auto agitating stainless steel pressure tank



SP-1515

10L Manual agitating stainless steel pressure tank

SP-1516

20L Manual agitating stainless steel pressure tank

SP-1517

50L Manual agitating stainless steel pressure tank



AS-1070T

2L Pressure tank



AS-1080T

10L Pressure tank



SP-1535A

10L Stainless steel pressure tank w/dual larger regulator



Model No.	Capacity (liter)	Agitating Style	Tank Thickness (mm)	Air Inlet (NPS)	Net Weight		Max. Air Pressure		Packing Pcs/Ctn/G.W./Cwt (kg)
					lb	kg	psi	kg/cm ²	
AS-1070T	2	Non	0.8	1/4"	1.90	0.86	50	3.5	10/ Ctn/13 kg/2.7'
AS-1080T	10	Non	1.4	1/4"	14.54	6.60	60	4.2	2/ Ctn/20 kg/3.0'
SP-1500	10	Air Motor	2.0	1/4"	36.37	16.5	60	4.2	1/ Ctn/17.7 kg/1.8'
SP-1501	20	Air Motor	2.0	1/4"	54.00	24.5	60	4.2	1/ Ctn/27 kg/3.7'
SP-1502	40	Air Motor	2.0	1/4"	60.17	27.3	60	4.2	1/ Ctn/30 kg/4.5'
SP-1503	60	Air Motor	2.0	1/4"	72.73	33.0	60	4.2	1/ Ctn/36.4 kg/7.5'
SP-1504	80	Air Motor	2.0	1/4"	88.16	40.0	60	4.2	1/ Ctn/43.4 kg/8.5'
SP-1505	10	Manual	2.0	1/4"	33.06	15.0	60	4.2	1/ Ctn/16.2 kg/1.8'
SP-1506	20	Manual	2.0	1/4"	50.91	23.1	60	4.2	1/ Ctn/25.7 kg/3.7'
SP-1507	40	Manual	2.0	1/4"	57.30	26.0	60	4.2	1/ Ctn/28.8 kg/4.5'
SP-1508	60	Manual	2.0	1/4"	69.65	31.6	60	4.2	1/ Ctn/35 kg/7.5'
SP-1509	80	Manual	2.0	1/4"	85.29	38.7	60	4.2	1/ Ctn/42.1 kg/8.5'
SP-1510	10	Air Motor	2.0	1/4"	34.82	15.8	60	4.2	1/ Ctn/17 kg/1.8'
SP-1511	20	Air Motor	2.0	1/4"	50.25	22.8	60	4.2	1/ Ctn/24.7 kg/3.7'
SP-1512	50	Air Motor	2.0	1/4"	60.61	27.5	60	4.2	1/ Ctn/30.3 kg/6.8'
SP-1515	10	Manual	2.0	1/4"	31.30	14.2	60	4.2	1/ Ctn/15.4 kg/1.8'
SP-1516	20	Manual	2.0	1/4"	47.61	21.6	60	4.2	1/ Ctn/23.6 kg/3.7'
SP-1517	50	Manual	2.0	1/4"	56.20	25.5	60	4.2	1/ Ctn/28.3 kg/6.8'
SP-1535A	10	Non	2.0	1/4"	25.13	11.4	60	4.2	1/ Ctn/12.6 kg/1.6'

Part No.	Description	Part No.	Description
	SP-1580 Double diaphragm pump Pressure Ratio : 1:1 Delivery : 5L/min (0.4 kg/cm ²) 7.5 L/min (1 kg/cm ²) 10.5 L/min (2 kg/cm ²) Air Pressure : 1-5 kg/cm ² Max. Pump Speed : 160 times/min Min. Pump Speed : 80 times/min		SP-1400 Frame type agitator Free Speed : 3000 RPM Air Consumption : 11cfm
	SP-1020 Twin paint hose Air Hose : 6.5×10mm×100M Paint Hose : 8×11mm×100M		SP-2001 Air regulator
	SP-1021 Twin paint hose Air Hose : 6.5×10mm×10M Paint Hose : 8×11mm×10M		AA-2002 Oil & water separator
	SP-1022 Twin paint hose Air Hose : 6.5×10mm×5M Paint Hose : 8×11mm×5M		R-2000 In-line air regulator
	SP-2020 Paint viscosity cup		R-3000 Air control valve
			RS-1000 Refillable aerosol spray gun Max. Pressure : 14kg/cm ² Capacity : 0.6L

AB-1002

General air brush kit



Specification

Fluid nozzle	: 0.3 mm
Control	: Double-action trigger
Glass jar	: 1x22cc & 1x60cc
Working pressure	: 15-35 psi
Air inlet	: M5-P0.45
Cup fix	: detachable
packing*	: 50 set/Ctn/25 kg/2.4'

AB-1005

All purpose air brush kit



Specification

Fluid nozzle	: 0.2 mm
Control	: Double-action trigger
Cup capacity	: 1x7cc & 1x15cc
Working pressure	: 15-35 psi
Air inlet	: 1/8" PF
Cup fix	: Side screw fix
Spray control	: Back stop screw
packing*	: 30 set/Ctn/13 kg/1.6'

AB-1003

Professional air brush kit



Specification

Fluid nozzle	: 0.3 mm
Control	: Double-action trigger
Cup capacity	: 7cc
Working pressure	: 15-35 psi
Air inlet	: 1/8" PF
Spray control	: Back stop screw
packing*	: 40 set/Ctn/14 kg/1.8'

AB-1007

Professional air brush kit



Specification

Fluid nozzle	: 0.3 mm
Control	: Double-action trigger
Cup capacity	: 7cc
Working pressure	: 15-35 psi
Air inlet	: 1/8" PF
Cup fix	: Side screw fix
Spray control	: Back stop screw
packing*	: 40 set/Ctn/14 kg/1.8'

AB-1004

Standard air brush kit



Specification

Fluid nozzle	: 0.3 mm
Control	: Double-action trigger
Cup capacity	: 7cc
Working pressure	: 15-35 psi
Air inlet	: 1/8" PF
packing*	: 40 set/Ctn/14 kg/1.8'

AB-1008

Standard air brush kit



Specification

Fluid nozzle	: 0.2 mm
Control	: Double-action trigger
Cup capacity	: 1.5cc
Working pressure	: 15-35 psi
Air inlet	: 1/8" PF
packing*	: 40 set/Ctn/12 kg/1.8'

AB-1009

Air brush kit



Specification

Fluid nozzle	: 0.3 mm
Control	: Double-action trigger
Capacity for pigment	: 90cc
Working pressure	: 15-35 psi
Air inlet	: 1/8" PF
Cup fix	: detachable
packing	: 40 set/Ctn/14.5 kg/1.9'

AB-1012

Air brush kit



Specification

Fluid nozzle	: 0.2 mm
Control	: Double-action trigger
Capacity for pigment	: 0.4cc
Working pressure	: 15-35 psi
Air inlet	: 1/8" PF
Spray control	: Back stop screw
packing	: 40 set/Ctn/13 kg/1.9'

AB-1010

Air brush kit



Specification

Fluid nozzle	: 0.3 mm
Control	: Double-action trigger
Capacity for pigment	: 90cc
Working pressure	: 15-35 psi
Air inlet	: 1/8" PF
Cup fix	: detachable
packing	: 40 set/Ctn/14.5 kg/1.9'

AB-1013

Air brush kit



Specification

Fluid nozzle	: 0.3 mm
Control	: Double-action trigger
Cup capacity	: 2cc - 5cc - 13cc
Working pressure	: 15-35 psi
Air inlet	: 1/8" PF
Spray control	: Back stop screw
packing	: 40 set/Ctn/14.5 kg/1.9'

AB-1011

Air brush kit



Specification

Fluid nozzle	: 0.2 mm
Control	: Double-action trigger
Capacity for pigment	: 0.4cc
Working pressure	: 15-35 psi
Air inlet	: 1/8" PF
packing	: 40 set/Ctn/13 kg/1.8'

AB-1001

Air brush kit



Specification

Glass jar	: 1x22cc & 1x60cc
Working pressure	: 15-35 psi
Air inlet	: M5-0.45P
Cup fix	: detachable
packing	: 20 set/Ctn/8 kg/1.4'

PROFESSIONAL MINI AIR COMPRESSOR

Features:

- Oil less piston air compressor, maintenance free.
- Powerful, compact, reliable and quiet.
- Able to start with pressure and work continuously.
- Built-in airbrush holder.
- Moisture filter with gauge (and regulator for some models).
- Thermally protected.

Usage:

- Occasional and professional art airbrush applications.
- Cosmetics, tanning, fingernail painting.
- Bakery.
- General airbrushing.



WS01H



WS01



WS014L



WS013A

MODEL	HP	Kw	50Hz / 60Hz	l/min / CFM	bar / psi	l/Gal.	dB(A)	kg/Lbs.	cm
WS01	1/8	0.6	1420 / 1720	18 / 0.6 22 / 0.8	4.2 / 60	-	49	4.2 / 9.3	25x15x22
WS013A	1/8	0.6	1420 / 1720	18 / 0.6 22 / 0.8	4.2 / 60	3 / 0.8	49	12.0 / 26.4	42x19x42
WS01H	1/8	0.6	1420 / 1720	18 / 0.6 22 / 0.8	4.2 / 60	-	48	6.6 / 14.5	33x19x28
WS014L	1/8	0.6	1420 / 1720	18 / 0.6 22 / 0.8	4.2 / 60	4 / 1.0	50	8.8 / 19.5	38x31x31

- Option of above model. Voltage: 100~250 V , Frequency: 50 or 60 Hz

Part No.	Description	Part No.	Description
	BP-1001 Air brush holder The HOLDER will bring much convenience on using air brush. The well-designed stands are good for holding all kinds of air brush and filter/regulator.		AA-2021FR Air filter/regulator Port size : 1/8" Range of pressure : 0.5~9.9 kg/cm ² Filter element : 20 μ Operating temp. range : 5~60°C
	AA-1310 Rubber soft braid hose Length : 6.5FT Fitting : 1/4" × 1/8"PS		AA-46004A PU air hose Length : 13FT Fitting : 1/4" × 1/8"PS
	AA-1311 Rubber soft braid hose Length : 6.5FT Fitting : 1/8" × 1/8"PS		AA-46004B PU air hose Length : 13FT Fitting : 1/8PS
	AA-1312 Rubber soft braid hose Length : 6.5FT Fitting : 1/8" × M5-P0.45		BP-1014 Adapter 1/8" × M5-P0.45
	BP-1011 Adapter 1/4"PT × M5-P0.45		BP-1015 Connector 1/8"
	BP-1012 Adapter 1/4"NPT × M5-P0.45		BP-1016 Adapter 1/8" × M5-P0.45
	BP-1013 Adapter 1/4"NPT × 1/8"		BP-1017 Air hose connector 1/8"

HIGH PRESSURE TYPE & STANDARD PRESSURE TYPE

AA-2251-02
1/4" High pressure F.R.L unit
AA-2251-03
3/8" High pressure F.R.L unit
AA-2251-04
1/2" High pressure F.R.L unit



AA-2351-02
1/4" High pressure F.R.L unit
AA-2351-03
3/8" High pressure F.R.L unit
AA-2351-04
1/2" High pressure F.R.L unit



AA-2050-02
1/4" F.R.L unit
AA-2050-03
3/8" F.R.L unit



AA-2150-02
1/4" F.R.L unit
AA-2150-03
3/8" F.R.L unit



AA-2251FR-02
1/4" High pressure Regulator/Filter
AA-2251FR-03
3/8" High pressure Regulator/Filter
AA-2251FR-04
1/2" High pressure Regulator/Filter



AA-2351F-02
1/4" High pressure Filter
AA-2351F-03
3/8" High pressure Filter
AA-2351F-04
1/2" High pressure Filter



AA-2351L-02
1/4" High pressure Lubricator
AA-2351L-03
3/8" High pressure Lubricator
AA-2351L-04
1/2" High pressure Lubricator



AA-2351R-02
1/4" High pressure Regulator
AA-2351R-03
3/8" High pressure Regulator
AA-2351R-04
1/2" High pressure Regulator



AA-2050FR-02
1/4" Regulator/Filter
AA-2050FR-03
3/8" Regulator/Filter



AA-2150F-02
1/4" Filter
AA-2150F-03
3/8" Filter



AA-2150L-02
1/4" Lubricator
AA-2150L-03
3/8" Lubricator



AA-2150R-02
1/4" Regulator
AA-2150R-03
3/8" Regulator



Model No.	Port Size	Range Of Pressure (kg/cm ²)	Standard Filter Element (μm)	Max. Flow Rate (l/min)	Temp. Range	Standard Drain	Lubricator oil	Weight		Packing Pcs/Ctn/G.W./Cuft (kg)	Lubricator Bowl Capacity (cc)
								lb	kg		
AA-2050-02	1/4"	0.5~8.5	5	1900	-5~60°C	Semi-auto drain	ISO VG-32	1.59	0.72	40/Ctn/34 kg/3.68'	55
AA-2050-03	3/8"	0.5~8.5	5	2100	-5~60°C	Semi-auto drain	ISO VG-32	1.59	0.72	40/Ctn/34 kg/3.68'	55
AA-2150-02	1/4"	0.5~8.5	5	1900	-5~60°C	Semi-auto drain	ISO VG-32	2.20	1.0	30/Ctn/33.5 kg/3.68'	55
AA-2150-03	3/8"	0.5~8.5	5	2100	-5~60°C	Semi-auto drain	ISO VG-32	2.20	1.0	30/Ctn/33.5 kg/3.68'	55
AA-2251-02	1/4"	1.0~15.0	40	2500	-5~60°C	Semi-auto drain	ISO VG-32	3.35	1.52	20/Ctn/35 kg/3.68'	200
AA-2251-03	3/8"	1.0~15.0	40	2700	-5~60°C	Semi-auto drain	ISO VG-32	3.35	1.52	20/Ctn/35 kg/3.68'	200
AA-2251-04	1/2"	1.0~15.0	40	3200	-5~60°C	Semi-auto drain	ISO VG-32	3.35	1.52	20/Ctn/35 kg/3.68'	200
AA-2351-02	1/4"	1.0~15.0	40	2500	-5~60°C	Semi-auto drain	ISO VG-32	4.01	1.82	12/Ctn/28 kg/3.68'	200
AA-2351-03	3/8"	1.0~15.0	40	2700	-5~60°C	Semi-auto drain	ISO VG-32	4.01	1.82	12/Ctn/28 kg/3.68'	200
AA-2351-04	1/2"	1.0~15.0	40	3200	-5~60°C	Semi-auto drain	ISO VG-32	4.01	1.82	12/Ctn/28 kg/3.68'	200

(Standard unit contains semi-auto-drain function when operating pressure below 0.5kg/cm².)

AA-2080A
1" F.R.L unit



AA-2040A
1/2" F.R.L unit
AA-2060A
3/4" F.R.L unit



AA-2030A2
1/4" F.R.L unit
AA-2030A3
3/8" F.R.L unit



AA-2020A2
1/4" F.R.L unit
AA-2020A3
3/8" F.R.L unit



AP-2081
1" Regulator/Filter
AP-2061
3/4" Regulator/Filter
AP-2041
1/2" Regulator/Filter
AP-2031
3/8" Regulator/Filter
AP-2021
1/4" Regulator/Filter



AP-2082
1" Filter
AP-2062
3/4" Filter
AP-2042
1/2" Filter
AP-2032
3/8" Filter
AP-2022
1/4" Filter



AP-2083
1" Lubricator
AP-2063
3/4" Lubricator
AP-2043
1/2" Lubricator
AP-2033
3/8" Lubricator
AP-2023
1/4" Lubricator



AP-2084
1" Regulator
AP-2064
3/4" Regulator
AP-2044
1/2" Regulator
AP-2034
3/8" Regulator
AP-2024
1/4" Regulator



Model No.	Port Size	Range of Pressure (kg/cm ²)	Standard Filter Element (μm)	Optional Filter Element (μm)	Max. Flow Rate (l/min)	Temp. Range	Standard Drain	Lubricator oil	Weight		Packing Pcs/Ctn/G.W/Cuft (kg)	Lubricator Bowl Capacity (cc)
									lb	kg		
AA-2020A2	1/4"	0.5-8.5	30	5,20,30	2000	5~60°C	Semi-automatic drain	ISO VG-32	2.4	1.09	10/Ctn/9 kg /0.84'	125
AA-2020A3	3/8"	0.5-8.5	30	5,20,30	2000	5~60°C	Semi-automatic drain	ISO VG-32	2.4	1.09	10/Ctn/11.5 kg /1.01'	125
AA-2030A2	1/4"	0.5-8.5	30	5,20,30	1700	5~60°C	Semi-automatic drain	ISO VG-32	1.91	0.87	10/Ctn/9 kg /0.84'	130
AA-2030A3	3/8"	0.5-8.5	30	5,20,30	1700	5~60°C	Semi-automatic drain	ISO VG-32	1.91	0.87	10/Ctn/9 kg /0.84'	130
AA-2040A	1/2"	0.5-8.5	30	5,20,30	4000	5~60°C	Semi-automatic drain	ISO VG-32	4.4	2.0	4/Ctn/11.5 kg /0.8'	130
AA-2060A	3/4"	0.5-8.5	30	5,20,30	4500	5~60°C	Semi-automatic drain	ISO VG-32	4.4	2.0	4/Ctn/11.5 kg /0.8'	130
AA-2080A	1"	0.5-8.5	30	5,20,30	5000	5~60°C	Semi-automatic drain	ISO VG-32	8.8	4.0	4/Ctn/18.5 kg /2.4'	130

(Standard unit contains semi-auto-drain function when operating pressure below 0.5kg/cm².)

AIR CONTROL UNIT

AA-2021
1/8" F.R.L unit
AA-2121
1/4" F.R.L unit



AA-2031
1/8" F.R.L unit
AA-2131
1/4" F.R.L unit



AA-2022
1/4" F.R.L unit
AA-2023
3/8" F.R.L unit
AA-2024
1/2" F.R.L unit



AA-2032
1/4" F.R.L unit
AA-2033
3/8" F.R.L unit
AA-2034
1/2" F.R.L unit



AA-2021FR
1/8" Regulator/Filter
AA-2121FR
1/4" Regulator/Filter



AA-2021F
1/8" Filter
AA-2121F
1/4" Filter



AA-2022FR
1/4" Regulator/Filter
AA-2023FR
3/8" Regulator/Filter
AA-2024FR
1/2" Regulator/Filter



AA-2022F
1/4" Filter
AA-2023F
3/8" Filter
AA-2024F
1/2" Filter



AA-2021L
1/4" Lubricator
AA-2121L
3/8" Lubricator



AA-2021R
1/8" Regulator
AA-2121R
1/4" Regulator



AA-2022L
1/4" Lubricator
AA-2023L
3/8" Lubricator
AA-2024L
1/2" Lubricator



AA-2022R
1/4" Regulator
AA-2023R
3/8" Regulator
AA-2024R
1/2" Regulator

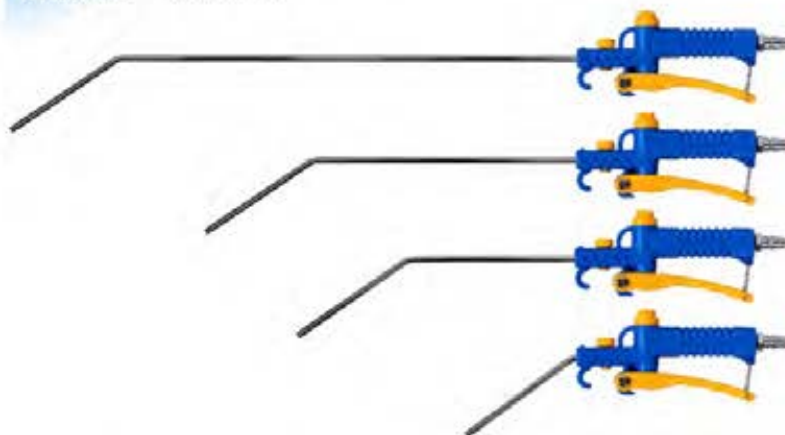


Model No.	Port Size	Range Of Pressure (kg/cm ²)	Standard Filter Element (mm)	Max. Flow Rate (l/min)	Temp. Range	Standard Drain	Lubricator oil	Weight		Packing Pcs/Ctn/Wt/Cuft (kg)	Lubricator Bowl Capacity (cc)
								lb	kg		
AA-2021	1/8"	0.5~9.9	20	1000	5-60°C	Semi-automatic drain	ISO VG-32	1.43	0.65	30/Ctn/20 kg /1.3'	40
AA-2022	1/4"	0.5~9.9	20	1750	5-60°C	Semi-automatic drain	ISO VG-32	3.75	1.7	12/Ctn/22 kg /1.7'	125
AA-2023	3/8"	0.5~9.9	20	1950	5-60°C	Semi-automatic drain	ISO VG-32	3.75	1.7	12/Ctn/22 kg /1.7'	125
AA-2024	1/2"	0.5~9.9	20	2200	5-60°C	Semi-automatic drain	ISO VG-32	3.75	1.7	12/Ctn/22 kg /1.7'	125
AA-2031	1/8"	0.5~9.9	20	1000	5-60°C	Semi-automatic drain	ISO VG-32	1.76	0.8	24/Ctn/23 kg /1.36'	40
AA-2032	1/4"	0.5~9.9	20	1750	5-60°C	Semi-automatic drain	ISO VG-32	4.52	2.05	12/Ctn/25 kg /2.2'	125
AA-2033	3/8"	0.5~9.9	20	1950	5-60°C	Semi-automatic drain	ISO VG-32	4.52	2.05	12/Ctn/25 kg /2.2'	125
AA-2034	1/2"	0.5~9.9	20	2200	5-60°C	Semi-automatic drain	ISO VG-32	4.52	2.05	12/Ctn/25 kg /2.2'	125
AA-2121	1/4"	0.5~9.9	20	1000	5-60°C	Semi-automatic drain	ISO VG-32	1.43	0.65	30/Ctn/20 kg /1.3'	40
AA-2131	1/4"	0.5~9.9	20	1000	5-60°C	Semi-automatic drain	ISO VG-32	1.76	0.8	24/Ctn/23 kg /1.36'	40

(Standard unit contains semi-auto-drain function when operating pressure below 0.5kg/cm².)

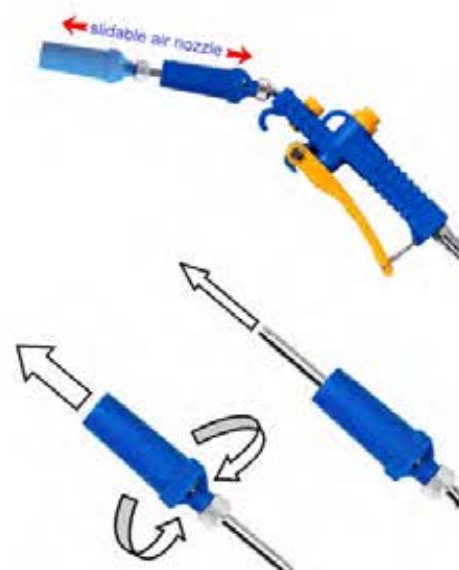
MULTI-FUNCTIONAL AIR BLOW GUN

- AA-5018-5** 515mm nozzle
- AA-5018-3** 340mm nozzle
- AA-5018-2** 265mm nozzle
- AA-5018** 110mm nozzle



MULTI-FUNCTIONAL AIR BLOW GUN W/ SLIDABLE AIR NOZZLE

- AA-5018A-5** 515mm nozzle
- AA-5018A-3** 340mm nozzle
- AA-5018A-2** 265mm nozzle
- AA-5018A** 110mm nozzle



Features:

1. Energy Saving • Environment Friendly.
Enhance air volume without unnecessary power consumption.
2. With the air volume regulator to make easy adjustment of air flow.
3. Moving slidable air nozzle to gain triple air volume instantly.
4. With specialized throttle valve design, suitable for long time operation.
5. Retaining ring design prevents trouble of long press.
6. Simple valve design, easy maintenance.

Model No.	Body Material	Nozzle Material	Nozzle Length		Air Inlet (PT)	Air Hose (I.D.)	Working Air Pressure		Max. Air Pressure		Packing Pcs/Ctn/G.W./Cuf (kg)
			inch	mm			psi	kg/cm ²	psi	kg/cm ²	
AA-5018	Plastic P.O.M	Steel	4.3	110	1/4"	1/4"	116	8	160	11	60/Ctn/14.8kg/3.6'
AA-5018A	Plastic P.O.M	Steel	4.3	110	1/4"	1/4"	116	8	160	11	60/Ctn/16kg/3.6'
AA-5018-2	Plastic P.O.M	Steel	10.4	265	1/4"	1/4"	116	8	160	11	50/Ctn/15.3kg/4.0'
AA-5018A-2	Plastic P.O.M	Steel	10.4	265	1/4"	1/4"	116	8	160	11	50/Ctn/16.5kg/4.0'
AA-5018-3	Plastic P.O.M	Steel	13.4	340	1/4"	1/4"	116	8	160	11	40/Ctn/13.4kg/4.4'
AA-5018A-3	Plastic P.O.M	Steel	13.4	340	1/4"	1/4"	116	8	160	11	40/Ctn/14.6kg/4.4'
AA-5018-5	Plastic P.O.M	Steel	20.3	515	1/4"	1/4"	116	8	160	11	40/Ctn/17kg/5.6'
AA-5018A-5	Plastic P.O.M	Steel	20.3	515	1/4"	1/4"	116	8	160	11	40/Ctn/18.2kg/5.6'

AIR BLOW GUN

AA-5006
Air blow gun (100mm nozzle)
AA-5006-3
Air blow gun (300mm nozzle)



AA-5004
Air blow gun



AA-5023
High flow air blow gun



TPA-5018
Slidable air nozzle



AA-3020
Air blow gun



AA-3011
Air duster



AA-1713K
4 IN 1 Air tool kit



Tire inflator



cleaning gun



air blow gun with slidable air nozzle



Air blow gun

Model No.	Body Material	Nozzle Material	Nozzle Length		Air Inlet (PT)	Air Hose (I.D.)	Working Air Pressure		Max. Air Pressure		Air Inlet Material	Packing Pcs/Ctn/G.W/Cuft (kg)
			inch	mm			psi	kg/cm ²	psi	kg/cm ²		
AA-3011	Aluminum	Zinc	0.63	16	1/4"	1/4"	115	8	213	15	Zinc	100/Ctn/19.8kg/2.67'
AA-3020	Zinc	Zinc	0.63	16	1/4"	1/4"	115	8	213	15	Zinc	100/Ctn/15.7kg/1.2'
AA-5004	Aluminum	Brass	0.67	17	1/4"	1/4"	115	8	213	15	Aluminum	100/Ctn/21.5kg/1.6'
AA-5006	Plastic	Steel	4	100	1/4"	1/4"	115	8	156	11	Plastic	100/Ctn/14.5kg/3'
AA-5006-3	Plastic	Steel	12	300	1/4"	1/4"	115	8	156	11	Plastic	50/Ctn/11.3kg/2.8'
AA-5023	Aluminum	Steel	1.8	45	3/8"	3/8"	115	8	213	15	Aluminum	40/Ctn/13.5kg/1.5'

TIRE INFLATOR

AA-6007D

3 in 1 tire inflator w/dual head auto air chuck

AA-6007DD

Digital tire inflator w/dual head auto air chuck



AA-6007S

3 in 1 tire inflator w/straight shape auto air chuck

AA-6007DS

Digital tire inflator w/straight shape auto air chuck



AA-6007L

3 in 1 tire inflator w/L shape auto air chuck

AA-6007DL

Digital tire inflator w/L shape auto air chuck



AA-6007B

3 in 1 tire inflator w/L shape air chuck for bikes (suitable for both Presta valve and Schrader valve)

AA-6007DB

Digital tire inflator w/L shape air chuck for bikes



AA-6003

Professional 3 function tire gauge



Port size: 1/4" PT(NPT)
Max. pressure: 10kg/cm² (140 psi)
Hose length: 30 cm

AA-6006

3 function tire gauge



Port size: 1/4" PT(NPT)
Max. pressure: 14kg/cm² (200 psi)
Hose length: 30 cm

AA-6008

3 function tire gauge



Port size: 1/4" PT(NPT)
Max. pressure: 14kg/cm² (200 psi)
Hose length: 30 cm

Model No.	Adapter	Overall Length		Pressure Range		Air Inlet (PT)	Hose Length		Net Weight	
		inch.	mm	psi	kg/cm ²		inch.	mm	lb	kg
AA-6003	straight chuck	18.5	470	140	10	1/4"	12	300	1.01	0.46
AA-6006	Dual head chuck & straight chuck	22.0	560	230	16	1/4"	12	300	1.06	0.48
AA-6007D	dual head auto air chuck	22.2	565	160	11	1/4"	12	300	1.04	0.47
AA-6007S	straight shape auto air chuck	18.0	458	160	11	1/4"	12	300	0.95	0.43
AA-6007L	L shape auto air chuck	18.0	458	160	11	1/4"	12	300	0.95	0.43
AA-6007B	L shape air chuck for bikes	17.6	446	160	11	1/4"	12	300	0.88	0.40
AA-6007DD	dual head auto air chuck	22.2	565	150	10.5	1/4"	12	300	1.15	0.52
AA-6007DS	straight shape auto air chuck	18.0	458	150	10.5	1/4"	12	300	1.06	0.48
AA-6007DL	L shape auto air chuck	18.0	458	150	10.5	1/4"	12	300	1.08	0.49
AA-6007DB	L shape air chuck for bikes	17.6	446	150	10.5	1/4"	12	300	0.99	0.45
AA-6008	Dual head chuck	20.5	520	200	14	1/4"	12	300	1.04	0.47

AIR CLEANING GUN / MINI OILER

AA-5051

Tornador cleaning gun



Air pressure: 6.3 kg/cm²
Free speed: 5,500 rpm
Cup capacity: 1.0 liter
Port size: 1/4" PT (NPT)
6/ctn/9 kg/3'

AA-5000

Air engine cleaning gun



AA-5001

Air engine cleaning gun



AA-5071

Air spume cleaning gun



Air pressure: 6.3 kg/cm²
Cup capacity: 1.0 liter
Port size: 1/4" PT (NPT)
6/ctn/11 kg/3'

AA-3080

Air engine cleaning gun



AA-5005

Air wonder gun kit



AA-3071

Air sand blasting kit



AA-5011

Air under coating gun



AA-5015

Air wonder gun kit



AA-1301

5/16" x 2.5' Swivel Whip Air Hose



Max. pressure : 15 kg/cm²
Hose length : 2.5 ft.
Port size : 1/4-PT (NPT)

AA-1302

5/16" x 5' Swivel Whip Air Hose



Max. pressure : 15 kg/cm²
Hose length : 5 ft.
Port size : 1/4-PT (NPT)

AR-3010

1/4" Swivel connector



AA-3030

3/8" mini oiler (copper)

AA-3040

1/4" mini oiler (copper)



AA-2015
Spring balancer (9~15 kg)



AA-2019
Spring balancer (5~9 kg)



AA-2013
Spring balancer (5~7 kg)
AA-2016
Spring balancer (3~5 kg)
AA-2017
Spring balancer (1.5~3 kg)



AA-2107
Spring balancer (0.5~1.2 kg)
AA-2108
Spring balancer (1.0~2.0 kg)
AA-2109
Spring balancer (2.0~3.0 kg)
AA-2201
Spring balancer (3.0~4.5 kg)



AA-2018
Spring balancer (0.5~1.5 kg)



AA-2003
Spring balancer (0.6~1.5 kg)
AA-2004
Spring balancer (1.5~3 kg)



AA-2007
Spring balancer (3~5 kg)



Model	Capacity		Travel (m)	Rope Dia. (mm)	Weight		Packing Pcs/Ctn/G.W/Cu.ft (kg)
	kg	lb			lb	kg	
AA-2003	0.6~1.5	1.3~3.3	1.6	2.6	1.15	0.52	40/Ctn/21.0 kg/1.7'
AA-2004	1.5~3	3.3~6.6	1.6	2.6	1.68	0.76	30/Ctn/22.8 kg/1.6'
AA-2007	3~5	6.6~11	1.5	3.2	1.79	0.81	30/Ctn/24.1 kg/1.6'
AA-2013	5~7	11~15.4	1.3	3.2	4.08	1.85	10/Ctn/19.5 kg/1.7'
AA-2015	9~15	19.8~33	1.3	4.0	7.96	3.61	4/Ctn/15.6 kg/1.9'
AA-2016	3~5	6.6~11	1.3	3.2	4.01	1.82	10/Ctn/19.2 kg/1.7'
AA-2017	1.5~3	3.3~6.6	1.3	3.2	3.81	1.73	10/Ctn/18.3 kg/1.7'
AA-2018	0.5~1.5	1.1~3.3	1.3	2.0	1.61	0.73	20/Ctn/15.6 kg/1.9'
AA-2019	5~9	11~19.8	1.3	4.0	7.91	3.59	4/Ctn/15.4 kg/1.9'
AA-2107	0.5~1.2	1.1~2.6	1.6	1.6	1.23	0.56	12/Ctn/9 kg/1.1'
AA-2108	1.0~2.0	2.2~4.4	1.6	1.6	1.23	0.56	12/Ctn/9 kg/1.1'
AA-2109	2.0~3.0	4.4~6.6	1.6	1.6	1.23	0.56	12/Ctn/9 kg/1.1'
AA-2201	3.0~4.5	6.6~9.9	1.6	1.8	1.43	0.65	12/Ctn/9.5 kg/1.1'

AIR HOSE REEL

AA-2103A
PU braid hose reel (6.5×10mm×10M)
AA-2103B
PU braid hose reel (8×12mm×8M)



AA-2104A
PU braid hose reel (6.5×10mm×10M)
AA-2104B
PU braid hose reel (8×12mm×8M)



AA-2115A
PU braid hose reel (8×12mm×10M)
AA-2115B
PU braid hose reel (8×12mm×12M)
AA-2115C
PU braid hose reel (8×12mm×15M)
AA-2115D
PU braid hose reel (10×15mm×10M)



AA-2204A
PU braid hose reel (6.5×10mm×10M)
AA-2204B
PU braid hose reel (8×12mm×9M)



AA-2206B
PU braid hose reel (8×12mm×15M)
AA-2206C
PU braid hose reel (9.5×13.5mm×12M)



AA-2207A
PU braid hose reel (6.5×10mm×20M)
AA-2207B
PU braid hose reel (8×12mm×20M)
AA-2207C
PU braid hose reel (9.5×13.5mm×15M)



AA-2005
PU hose reel



AA-2006
PU hose reel



AA-2110
PU braid hose reel
AA-2111
PU braid hose reel
AA-2112
PU braid hose reel
AA-2113
PU braid hose reel



Model	Hose Type	Hose Size (I.D.×O.D.) mm	Hose Length (Outlet)		Hose Length (Inlet)		Max. Pressure		Fitting (NPT) Brass	Case material
			meter	ft	meter	ft	psi	kg/cm ²		
AA-2005	PU	5×8	1.2	4	—	—	110	8	1/4" MALE/FEMALE	Plastic
AA-2006	PU	5×8	7.5	25	—	—	110	8	1/4" MALE/FEMALE	Plastic
AA-2103A	PU braid	6.5×10	10	33	0.5	1.65	140	10	1/4" MALE	Plastic
AA-2103B	PU braid	8×12	8	26	0.5	1.65	140	10	1/4" MALE	Plastic
AA-2104A	PU braid	6.5×10	10	33	0.5	1.65	140	10	1/4" MALE	Plastic
AA-2104B	PU braid	8×12	8	26	0.5	1.65	140	10	1/4" MALE	Plastic
AA-2110	PU braid	6.5×10	30	100	1.1	3.6	140	10	1/4" MALE	Steel
AA-2111	PU braid	6.5×10	50	165	1.1	3.6	140	10	1/4" MALE	Steel
AA-2112	PU braid	8.5×12.5	30	100	1.1	3.6	140	10	1/4" MALE	Steel
AA-2113	PU braid	8.5×12.5	40	132	1.1	3.6	140	10	1/4" MALE	Steel
AA-2204A	PU braid	6.5×10	10	33	0.5	1.65	110	8	1/4" MALE	Steel
AA-2204B	PU braid	8×12	9	30	0.5	1.65	110	8	1/4" MALE	Steel
AA-2206B	PU braid	8×12	15	50	0.5	1.65	110	8	1/4" MALE	Steel
AA-2206C	PU braid	9.5×13.5	12	40	0.5	1.65	110	8	3/8" MALE	Steel
AA-2207A	PU braid	6.5×10	20	66	1.0	3.3	110	8	1/4" MALE	Steel
AA-2207B	PU braid	8×12	20	66	1.0	3.3	110	8	1/4" MALE	Steel
AA-2207C	PU braid	9.5×13.5	15	50	1.0	3.3	110	8	3/8" MALE	Steel
AA-2115A	PU braid	8×12	10	33	0.5	1.65	140	10	1/4" MALE	Steel
AA-2115B	PU braid	8×12	12	40	0.5	1.65	140	10	1/4" MALE	Steel
AA-2115C	PU braid	8×12	15	50	0.5	1.65	140	10	1/4" MALE	Steel
AA-2115D	PU braid	10×15	10	33	0.5	1.65	140	10	3/8" MALE	Steel

NITTO STYLE AIR QUICK COUPLER

	Model	Description
	QSM2A	1/4" Male Thread
	QSM3A	3/8" Male Thread
	QSM4A	1/2" Male Thread
	QSF2A	1/4" Female Thread
	QSF3A	3/8" Female Thread
	QSF4A	1/2" Female Thread
	QSH2A	1/4" Hose Tube
	QSH2B	5/16" Hose Tube
	QSH3A	3/8" Hose Tube
	QSH4A	1/2" Hose Tube
	QSA5x8	5x8 mm
	QSA6.5x10	6.5x10 mm
	QSA8x12	8x12 mm

	Model	Description
	QPM2A	1/4" Male Thread
	QPM3A	3/8" Male Thread
	QPM4A	1/2" Male Thread
	QPF2A	1/4" Female Thread
	QPF3A	3/8" Female Thread
	QPF4A	1/2" Female Thread
	QPH2A	1/4" Hose Tube
	QPH2B	5/16" Hose Tube
	QPH3A	3/8" Hose Tube
	QPH4A	1/2" Hose Tube
	QPA5x8	5x8 mm
	QPA6.5x10	6.5x10 mm
	QPA8x12	8x12 mm

ONE TOUCH NITTO STYLE AIR QUICK COUPLER

	Model	Description
	QSMO2A	1/4" Male Thread
	QSMO3A	3/8" Male Thread
	QSMO4A	1/2" Male Thread
	QSHO2A	1/4" Hose Tube
	QSHO2B	5/16" Hose Tube
	QSHO3A	3/8" Hose Tube
	QSHO4A	1/2" Hose Tube

	Model	Description
	QSF02A	1/4" Female Thread
	QSF03A	3/8" Female Thread
	QSF04A	1/2" Female Thread
	QSA05x8	5x8 mm
	QSA06.5x10	6.5x10 mm
	QSA08x12	8x12 mm

3-IN-1 UNIVERSAL AIR QUICK COUPLER

	Model	Description
	QS-1/4M	1/4" Male Thread
	QS-3/8M	3/8" Male Thread
	QS-1/2M	1/2" Male Thread
	QS-1/4F	1/4" Female Thread
	QS-3/8F	3/8" Female Thread
	QS-1/2F	1/2" Female Thread
	QS-1/4H	1/4" Hose Tube
	QS-3/8H	3/8" Hose Tube
	QS-1/2H	1/2" Hose Tube

	Type	Model	Description
	QM QA QO	P-1/4M	1/4" Male Thread
Milton System (M)		P-3/8M	3/8" Male Thread
		P-1/2M	1/2" Male Thread
		P-1/4F	1/4" Female Thread
Aro System (A)		P-3/8F	3/8" Female Thread
		P-1/2F	1/2" Female Thread
		P-1/4H	1/4" Hose Tube
Orion System (O)		P-3/8H	3/8" Hose Tube
		P-1/2H	1/2" Hose Tube

ORION STYLE AIR QUICK COUPLER

	Model	Description
	QOSG-1/4M	1/4" Male Thread
	QOSG-3/8M	3/8" Male Thread
	QOSG-1/2M	1/2" Male Thread
	QOSG-1/4F	1/4" Female Thread
	QOSG-3/8F	3/8" Female Thread
	QOSG-1/2F	1/2" Female Thread
	QOSG-1/4H	1/4" Hose Tube
	QOSG-3/8H	3/8" Hose Tube
	QOSG-1/2H	1/2" Hose Tube

	Model	Description
	QOP-1/4M	1/4" Male Thread
	QOP-3/8M	3/8" Male Thread
	QOP-1/2M	1/2" Male Thread
	QOP-1/4F	1/4" Female Thread
	QOP-3/8F	3/8" Female Thread
	QOP-1/2F	1/2" Female Thread
	QOP-1/4H	1/4" Hose Tube
	QOP-3/8H	3/8" Hose Tube
	QOP-1/2H	1/2" Hose Tube

MILTON STYLE AIR QUICK COUPLER

	Model	Description
	QMS-1/4M	1/4" Male Thread
	QMS-3/8M	3/8" Male Thread
	QMS-1/2M	1/2" Male Thread
	QMS-1/4F	1/4" Female Thread
	QMS-3/8F	3/8" Female Thread
	QMS-1/2F	1/2" Female Thread
	QMS-1/4H	1/4" Hose Tube
	QMS-5/16H	5/16" Hose Tube
	QMS-3/8H	3/8" Hose Tube
	QMS-1/2H	1/2" Hose Tube

	Model	Description
	QMP-1/4M	1/4" Male Thread
	QMP-3/8M	3/8" Male Thread
	QMP-1/2M	1/2" Male Thread
	QMP-1/4F	1/4" Female Thread
	QMP-3/8F	3/8" Female Thread
	QMP-1/2F	1/2" Female Thread
	QMP-1/4H	1/4" Hose Tube
	QMP-5/16H	5/16" Hose Tube
	QMP-3/8H	3/8" Hose Tube
	QMP-1/2H	1/2" Hose Tube

ONE TOUCH MILTON STYLE AIR QUICK COUPLER

	Model	Description
	QMSO-1/4M	1/4" Male Thread
	QMSO-3/8M	3/8" Male Thread
	QMSO-1/4F	1/4" Female Thread
	QMSO-3/8F	3/8" Female Thread
	QMSO-1/4H	1/4" Hose Tube
	QMSO-5/16H	5/16" Hose Tube
	QMSO-3/8H	3/8" Hose Tube

	Model	Description
	QMP-1/4M	1/4" Male Thread
	QMP-3/8M	3/8" Male Thread
	QMP-1/2M	1/2" Male Thread
	QMP-1/4F	1/4" Female Thread
	QMP-3/8F	3/8" Female Thread
	QMP-1/2F	1/2" Female Thread
	QMP-1/4H	1/4" Hose Tube
	QMP-5/16H	5/16" Hose Tube
	QMP-3/8H	3/8" Hose Tube
	QMP-1/2H	1/2" Hose Tube

TRU-FLATE STYLE AIR QUICK COUPLER

	Model	Description
	QTS-1/4M	1/4" Male Thread
	QTS-3/8M	3/8" Male Thread
	QTS-1/4F	1/4" Female Thread
	QTS-3/8F	3/8" Female Thread
	QTS-1/4H	1/4" Hose Tube
	QTS-3/8H	3/8" Hose Tube

	Model	Description
	QTP-1/4M	1/4" Male Thread
	QTP-3/8M	3/8" Male Thread
	QTP-1/4F	1/4" Female Thread
	QTP-3/8F	3/8" Female Thread
	QTP-1/4H	1/4" Hose Tube
	QTP-3/8H	3/8" Hose Tube

3/8" BODY MILTON STYLE AIR QUICK COUPLER

	Model	Description
	QGMS-1/4M	1/4" Male Thread
	QGMS-3/8M	3/8" Male Thread
	QGMS-1/2M	1/2" Male Thread
	QGMS-1/4F	1/4" Female Thread
	QGMS-3/8F	3/8" Female Thread
	QGMS-1/2F	1/2" Female Thread

	Model	Description
	QGMP-1/4M	1/4" Male Thread
	QGMP-3/8M	3/8" Male Thread
	QGMP-1/2M	1/2" Male Thread
	QGMP-1/4F	1/4" Female Thread
	QGMP-3/8F	3/8" Female Thread
	QGMP-1/2F	1/2" Female Thread

QC-2B
Nitto type
AQC-2B
3 in 1 type
MQC-2B
Milton type



QC-3B
Nitto type
AQC-3B
3 in 1 type
MQC-3B
Milton type



QC-3A
Nitto type
AQC-3A
3 in 1 type
MQC-3A
Milton type



QC-4L
Nitto type
AQC-4BL
3 in 1 type



SPECIFYING STANDARD ITEMS :

Please specify : 1.Model

2.Tube Length.

Example of a request : 50' of 3/8" single layer braided rubber hose

Order : **AH-13A130**50

Tube Length.
Model

PU BRAID HOSE



Model No .	Tubing ID (mm)	Tubing OD (mm)	Fitting PT (NPT)	Working Pressure at 23°C (kg/cm ²)	Burst Pressure at 23°C (kg/cm ²)	Temp. Range °C	Tube Length (FT)
AH-0150	5.0	8.0	1/4"	15	60	-20~65	25,50,100,300
AH-0165	6.5	10	1/4"	15	60	-20~65	25,50,100,300
AH-0180	8.0	12.0	1/4"	15	60	-20~65	25,50,100,300

HIGH PRESSURE PU BRAID HOSE



Model No .	Tubing ID (mm)	Tubing OD (mm)	Fitting PT (NPT)	Working Pressure at 23°C (kg/cm ²)	Burst Pressure at 23°C (kg/cm ²)	Temp. Range °C	Tube Length (FT)
AH-0260	6.0	10	1/4"	35	105	-20~65	25,50,100

PU BRAID RE-COIL HOSE



Model No .	Tubing ID (mm)	Tubing OD (mm)	Fitting PT (NPT)	Working Pressure at 23°C (kg/cm ²)	Burst Pressure at 23°C (kg/cm ²)	Temp. Range °C	Tube Length (FT)
AH-0350	5.0	8.0	1/4"	15	60	-20~65	15,25,30,50
AH-0365	6.5	10	1/4"	15	60	-20~65	15,25,30,50
AH-0380	8.0	12.0	1/4"	15	60	-20~65	15,25,30,50

PU HOSE



Model No .	Tubing ID (mm)	Tubing OD (mm)	Working Pressure at 23°C (kg/cm ²)	Burst Pressure at 23°C (kg/cm ²)	Temp. Range °C	Tube Length (FT)
AH-0540	4.0	6.0	8	24	-20~65	300,600
AH-0550	5.0	8.0	8	24	-20~65	300,600
AH-0565	6.5	10.0	8	24	-20~65	300
AH-0580	8.0	12.0	8	24	-20~65	300

PU RE-COIL HOSE



Model No .	Tubing ID (mm)	Tubing OD (mm)	Fitting PT (NPT)	Working Pressure at 23°C (kg/cm ²)	Burst Pressure at 23°C (kg/cm ²)	Temp. Range °C	Tube Length (FT)
AH-0750	5.0	8.0	1/4"	8	24	-20~65	25,50
AH-0765	6.5	1.00	1/4"	8	24	-20~65	25,50
AH-0780	8.0	12.0	1/4"	8	24	-20~65	25,50

NYLON RE-COIL HOSE



Model No .	Tubing ID (inch)	Tubing OD (inch)	Fitting PT (NPT)	Working Pressure at 23°C (kg/cm ²)	Burst Pressure at 23°C (kg/cm ²)	Temp. Range °C	Tube Length (FT)
AH-09A20	1/4"	5/16"	1/4"	14	56	0~80	15,25,50
AH-09A30	3/8"	1/2"	1/4"	14	56	0~80	25,50

PVC BRAID HOSE



Model No .	Tubing ID (inch)	Tubing OD (inch)	Fitting PT (NPT)	Working Pressure at 23°C (kg/cm ²)	Burst Pressure at 23°C (kg/cm ²)	Temp. Range °C	Tube Length (FT)
AH-11A20	1/4"	7/16"	1/4"	15	45	0~60	25,50,100
AH-11A25	5/16"	17/32"	1/4"	15	45	0~60	25,50,100
AH-11A30	3/8"	19/32"	1/4", 3/8"	15	45	0~60	25,50,100
AH-11A40	1/2"	3/4"	3/8", 1/2"	15	45	0~60	25,50

SUPER FLEXIBLE PVC AIR HOSE



Model No .	Tubing ID (inch)	Tubing OD (inch)	Fitting PT (NPT)	Working Pressure at 23°C (kg/cm ²)	Burst Pressure at 23°C (kg/cm ²)	Temp. Range °C	Tube Length (FT)
AH-12A20	1/4"	0.465"	1/4"	15	45	-20~60	25,50,100
AH-12A25	5/16"	0.492"	1/4"	15	45	-20~60	25,50,100
AH-12A30	3/8"	0.594"	1/4", 3/8"	15	45	-20~60	25,50,100
AH-12A40	1/2"	0.728"	3/8", 1/2"	15	45	-20~60	25,50

RUBBER BRAID HOSE



Model No .	Tubing ID (inch)	Tubing OD (inch)	Braid	Fitting PT (NPT)	Working Pressure at 23°C (kg/cm ²)	Burst Pressure at 23°C (kg/cm ²)	Temp. Range °C	Tube Length (FT)
AH-13A120	1/4"	1/2"	1	1/4"	14	56	-20~65	25,50,100,300
AH-13A220	1/4"	9/16"	2	1/4"	20	80	-20~65	25,50,100,300
AH-13A130	3/8"	21/32"	1	1/4", 3/8"	14	56	-20~65	25,50,100,300
AH-13A230	3/8"	23/32"	2	1/4", 3/8"	20	80	-20~65	25,50,100,300
AH-13A240	1/2"	13/16"	2	1/2"	15	60	-20~65	25,50,100,300

AIR PRESSURE CONVERSION TABLE

Kgf/cm ²	Mpa	Bar	KPa	mBar	psi
1	0.0981	0.9807	98.067	980.665	14.223
10.197	1	10	1,000	10,000	145.036
1.01972	0.1000	1	100	1,000	14.504
0.01020	0.0010	0.01	1	10	0.145
0.00102	0.0001	0.001	0.1	1	0.0145
0.07031	0.0069	0.069	6.895	68.95	1

AIR CONSUMPTION CONVERSION COMPARISON TABLE

M ³ /min	SCFM(ft ³ /min)	1CFM=1SCFM x K
1	35.317	K=0.1404
0.0283	1	-

TORQUE CONVERSION TABLE

Kg.cm	N.m	Ft-lb	Kg.m	In-lb
1	0.09801	0.0723	0.01	0.8677
0.7376	1	8.8507	0.1019	106.2084
13.83	1.3558	1	0.1383	12
100	9.8067	7.233	1	86.77

COMMON TORQUE CONVERSION TABLE

Ft.lb	Kg.m	N.m	Ft.lb	Kg.m	N.m	Ft.lb	Kg.m	N.m	Ft.lb	Kg.m	N.m
200	27.66	271.16	950	131.39	122.03	1700	235.11	2304.89	2450	338.84	3321.76
250	34.58	338.96	1000	138.30	1355.82	1750	242.03	2372.69	2500	345.75	3389.55
300	41.49	406.75	1050	145.22	1423.61	1800	248.94	2440.48	2550	352.67	3457.34
350	48.41	474.54	1100	152.13	1491.40	1850	255.86	2508.27	2600	359.58	3525.13
400	55.32	542.33	1150	159.05	1559.19	1900	262.77	2576.06	2650	366.50	3592.92
450	62.24	610.12	1200	165.96	1626.98	1950	269.69	2643.85	2700	373.41	3660.71
500	69.15	677.91	1250	172.88	1694.78	2000	276.60	2711.64	2750	380.33	3728.51
550	76.07	745.70	1300	179.79	1762.57	2050	283.52	2779.43	2800	387.24	3796.30
600	82.98	813.49	1350	186.71	1830.36	2100	290.43	2847.22	2850	394.16	3864.09
650	89.90	881.28	1400	193.62	1898.15	2150	297.35	2915.01	2900	401.07	3931.88
700	96.81	949.07	1450	200.54	1965.94	2200	304.26	2982.80	2950	407.99	3999.67
750	103.73	1016.87	1500	207.45	2033.73	2250	311.18	3050.60	3000	414.90	4067.46
800	110.64	1084.66	1550	214.37	2101.52	2300	318.09	3118.39			
850	117.56	1152.45	1600	221.28	2169.31	2350	325.01	3186.18			
900	124.47	1220.24	1650	228.20	2237.10	2400	331.92	3253.97			

WEIGHT CONVERSION TABLE

磅 lb	盎司 ons	公斤 kg	台斤	台兩	台錢
1	16	0.454	0.756	12.096	120.96
2.205	35.274	1	1.667	26.667	266.672
1.323	21.161	0.6	1	16	160

LENGTH CONVERSION TABLE

公尺 m	英尺 ft	英寸 inch	台尺	台寸
1	3.281	39.371	3.3	33.003
0.305	1	12	1.006	10.06
0.303	0.994	11.930	1	10

SCALE CONVERSION TABLE

inch	mm	inch	mm	inch	mm	inch	mm
1/64	0.397	17/64	6.747	33/64	13.097	49/64	19.447
1/32	0.794	9/32	7.144	17/32	13.494	25/32	19.844
3/64	1.191	19/64	7.541	35/64	13.891	51/64	20.241
1/16	1.588	5/16	7.938	9/16	14.288	13/16	20.638
5/64	1.984	21/64	8.334	37/64	14.684	53/64	21.034
3/32	2.381	11/32	8.731	19/32	15.081	27/32	21.431
7/64	2.778	23/64	9.128	39/64	15.478	55/64	21.828
1/8	3.175	3/8	9.525	5/8	15.875	7/8	22.225
9/64	3.572	25/64	9.922	41/64	16.272	57/64	22.622
5/32	3.969	13/32	10.319	21/32	16.669	29/32	23.019
11/64	4.366	27/64	10.716	43/64	17.066	59/64	23.416
3/16	4.762	7/16	11.112	11/16	17.462	15/16	23.812
13/64	5.159	29/64	11.509	45/64	17.859	61/64	24.209
7/32	5.556	15/32	11.906	23/32	18.256	31/32	24.606
15/64	5.953	31/64	12.303	47/64	18.653	63/64	25.003
1/4	6.350	1/2	12.700	3/4	19.050	1	25.400

FLOW CHART

Flow Conversion Chart

LPM l/min	CMH m ³ /hr	CFM ft ³ /min	GPM(U.K.) Gal/min	GPM(U.S.A.) Gal/min
1	0.06	0.03532	0.220	0.2642
16.667	1	0.5887	3.667	4.404
28.3153	1.699	1	6.229	7.481
4.5455	0.2727	0.1605	1	1.2011
3.785	0.2271	0.1337	0.8325	1

Conversion Factors

1. TORQUE	1 ft-lb = 1.356 nm = 0.138 kg-m 1 nm = 0.738ft-lb = 0.102 kg-m
2. LENGTH	1 m = 39.371 in = 3.281 ft 1 ft = 12 in = 0.305 m 1 in = 25.4mm
3. WEIGHT	1 lb = 0.454 kg = 16 oz 1 kg = 2.205 lb = 35.274 oz 1 oz = 28.35 g = 0.063 lb
4. POWER	1 kw = 1.341 hp 1 hp = 0.746 kw 1 CV = 1 PS = 0.735 kw
5. CONCENTRATION	1 mg/m ³ = 0.001 mg/L = 0.001 ppm 1 ppm = 1000 mg/m ³ = 1 mg/L

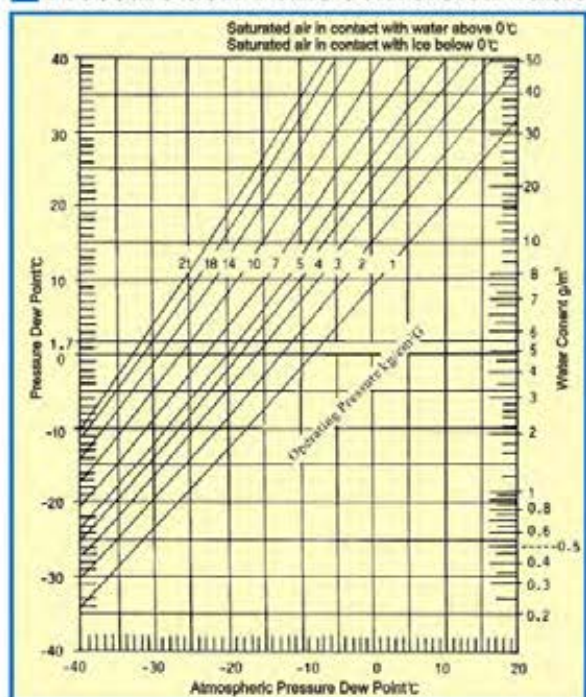
Vacuum Conversion Chart

mbar	Pa (N/m ²)	Torr (mmHg)	mmAq (H ₂ O)	atm
1	100	0.75	10.2	9.87x10 ⁻⁴
0.01	1	7.5x10 ⁻³	0.102	9.87x10 ⁻⁶
1.33	133	1	13.6	1.32x10 ⁻³
9.81x10 ⁻²	9.81	7.36x10 ⁻²	1	9.68x10 ⁻⁵
1013	101325	760	10332	1

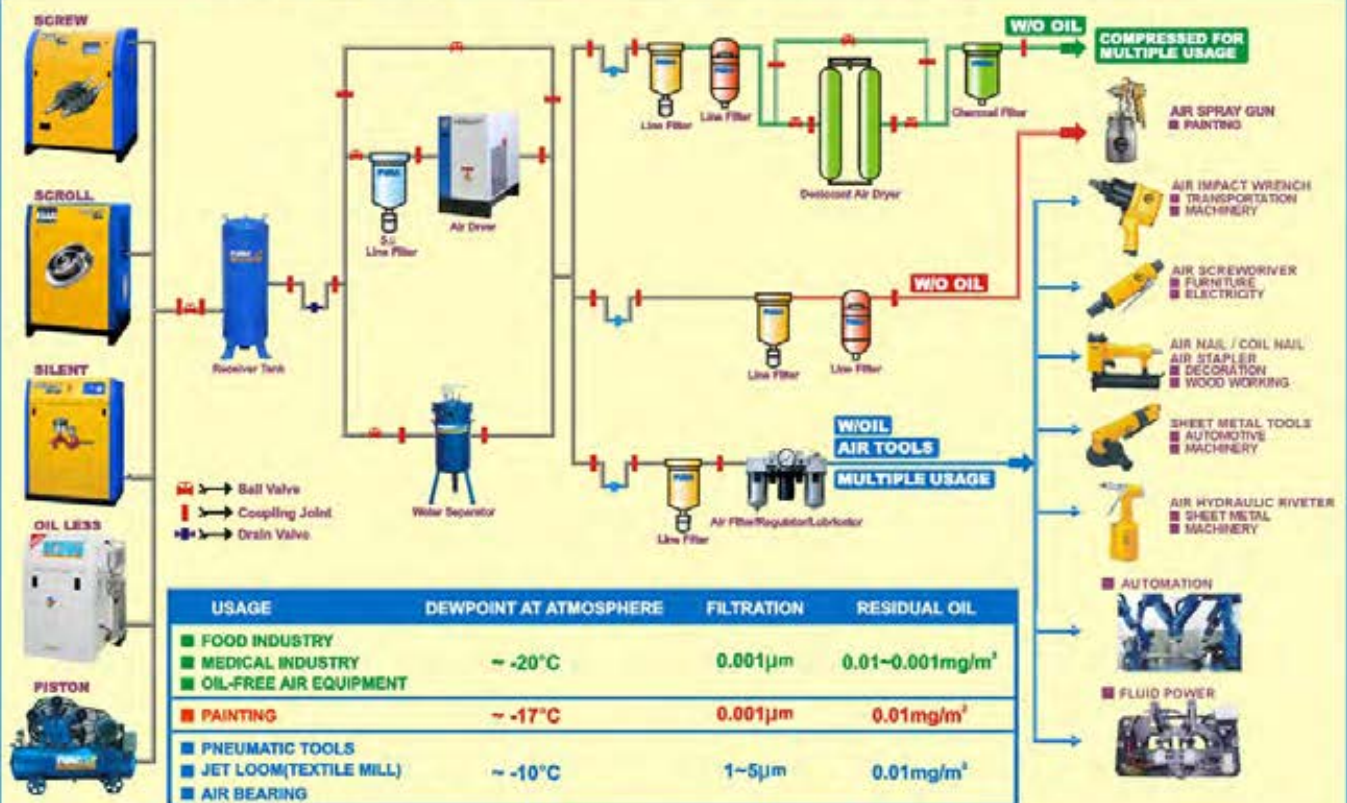
Pressure Conversion Chart

Bar	kPa	kg/cm ²	MPa	Psi
1	100	1.02	0.1	14.5
0.981	98.1	1	0.098	14.22
10	1000	10.197	1	145.036

Pressure-dew Point Conversion Table



PUMA PRODUCTS UTILITY & FLOW CHART





PUMA products, reliable quality

PUMA INDUSTRIAL CO., LTD.

● **OFFICE & FACTORY:**

NO. 427, Sec. 2, Doujiong Rd., Tianjhong Township, Changhua County 520, Taiwan(R.O.C.)

TEL : 886-4-8761811 e-mail:sales@pumaair.com

FAX : 886-4-8752211 <http://www.pumaair.com>



(SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE.)