



Air Tool

Pneumatic Fastening Tools	186-190
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Pneumatic Socket	192-195

3 MONTHS WARRANTY



02311A

- Small size for flexible operation
- One switch of forward and reverse for one-handed operation
- Dual hammer strike structure provides stable torque output



02312A

- Self-resetting blade design for fast and powerful start-up
- One switch of forward and reverse for one-handed operation
- Dual hammer strike structure provides stable torque output

Li-Ion Dr. Ratchet

3 MONTHS WARRANTY



02313A

02314A

02315A

- High precise cylinder ensures durability
- Forward and reverse adjustable in 3 level

Professional Straight Grip Air Screwdriver

Function	02311A	02312A	02313A	02314A	02315A
Output End Specification	1/4" hex	1/4" hex	1/4" hex	1/4" hex	1/4" hex
Working Torque ¹ (N-m)	50	100	50	40	90
Max. Reversal Torque ² (N-m)	68	120	68	68	110
Free Speed (RPM)	11000	9000	11000	11000	7000
Bolt Tightening Capacity ³	M6	M12	M6	M6	M8
Average Gas Consumption (CFM)	3.5	4.2	3.5	3.5	3.5
Noise Level ⁴ dB(A)	90	98	100	100	95
LxWxH(mm)	146x167x41	161x171x46	175x62x41	175x62x41	185x63x47
Air Inlet Size	1/4"	1/4"	1/4"	1/4"	1/4"
Min. Air Hose ID(mm)	8	8	8	8	8
Working Air Pressure ⁵ (kgf/cm ²)	6.35	6.35	6.35	6.35	6.35
Unit Weight (kg)	0.88	1.15	0.73	0.73	0.99

No.	02311A	02312A	02313A	02314A	02315A
02311A	1	10	8.9		
02312A	1	10	11		
02313A	1	16	11.4		
02314A	1	16	11.4		
02315A	1	16	15.5		

¹ For tightening capability standard for bolts, refer to bolts with strength level of 12.9 in DIN 267. ² Noise level is sound pressure of level A. ³ Working air pressure refers to the real-time dynamic air pressure measured at the air inlet of the product during idling operation. ⁴ Working torque refers to the accumulated torque actually output by the tool running forward for 5 seconds under working pressure. ⁵ Maximum reversing torque refers to the torque actually accumulated when the tool reverses for 15 seconds under operating air pressure.

3 MONTHS WARRANTY

90 PSI Air pressure

Family Familiarization



02124



02135



02136



02139



02145



02146



02160

Dr. Composite Air Impact Wrench

- Output shaft forged with SNCM616 steel imported from Japan
- Self-reset blade capable of attaching to the inner surface of the cylinder for quick startup and strong explosive force
- All series provided with 360-degree rotating intake assembly, free of pipe winding

Function	02124	02135	02136	02139	02145	02146	02160
Output End Specification	3/8"	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"
Working Torque ¹ (Nm)	450	500	800	850	850	1220	1450
Max. Reversal Torque ² (Nm)	650	650	1050	1120	1120	1700	1800
Free Speed (RPM)	7000	8000	6700	7300	7300	4000	4900
Bolt Tightening Capacity ³	M16	M18	M20	M20	M20	M24	M24
Average Gas Consumption (CFM)	4.4	4.5	5.5	5.5	5.5	7.0	15.9
Noise Level ⁴ dB(A)	89.5	90	92	92	92	97	108
LxWxH(mm)	159x178.9x60.3	159x178.9x60.3	193.5x191.5x72	174.8x184x70	174.8x184x70	220.8x220x89.2	216x216x85
Air Inlet Size	1/4"	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"
Min. Air Hose ID(mm)	10	10	10	10	10	12.5	12.5
Working Air Pressure ⁵ (kgf/cm ²)	6.35	6.35	6.35	6.35	6.35	6.35	6.35
Unit Weight (kg)	1.43	1.44	2.34	1.79	1.79	4.04	4.35

No.	02124	02135	02136	02139	02145	02146	02160
02124	-	-	10	-	-	15.1	-
02135	-	-	10	-	-	15.2	-
02136	-	-	8	-	-	20	-
02139	-	-	10	-	-	19.5	-
02145	-	-	4	-	-	16.6	-
02146	1	-	4	-	-	17.4	-
02160	-	-	4	-	-	17	-

¹ For tightening capability standard for bolts, refer to bolts with strength level of 12.9 in DIN 267. ² Noise level is sound pressure of level A. ³ Working air pressure refers to the real-time dynamic air pressure measured at the air inlet of the product during idling operation. ⁴ Working torque refers to the accumulated torque actually output by the tool running forward for 5 seconds under working pressure. ⁵ Maximum reversing torque refers to the torque actually accumulated when the tool reverses for 15 seconds under operating air pressure.



02123



02150



02144



Dr. Air Impact Wrench

• Push-rod reversing knob operated with only one hand

Function	02123	02150	02144
Output End Specification	3/8"	1/2"	3/4"
Working Torque ¹ (N-m)	350	650	1200
Max. Reversal Torque ² (N-m)	500	880	1500
Free Speed (RPM)	10500	7000	5000
Bolt Tightening Capacity ³	M16	M18	M24
Average Gas Consumption (CFM)	9.9	10.6	13.5
Noise Level ⁴ dB(A)	105	103	100
L×W×H (mm)	191×118×60	202×169×71	218×213×85
Air Inlet Size	1/4"	1/4"	3/8"
Min. Air Hose ID(mm)	10	10	12.5
Working Air Pressure ⁵ (Kgf/cm ²)	6.35	6.35	6.35
Unit Weight(kg)	1.47	2.6	4.55

No.			
02123	-	10	16.8
02150	-	6	17.8
02144	-	4	20.8

¹ For tightening capability standard for bolts, refer to bolts with strength level of 12.9 in DIN 267. ² Noise level is sound pressure of level A. ³ Working air pressure refers to the real-time dynamic air pressure measured at the air inlet of the product during idling operation. ⁴ Working torque refers to the accumulated torque actually output by the tool running forward for 5 seconds under working pressure. ⁵ Maximum reversing torque refers to the torque actually accumulated when the tool reverses for 15 seconds under operating air pressure.



01132



01132S



- Suitable for disassembly and assembly of tires of large buses as well as disassembly and assembly and maintenance of large mechanical equipment
- Main parts subjected to vacuum heat treatment and ultra-low temperature quenching for high hardness, good toughness, good wear resistance and long product life
- 8" output shaft (01123) suitable for tire disassembly and assembly of large buses
- 2" output shaft (01132S) suitable for narrow space operation



01133



- Maximum output torque 4000N-M (Reverse)
- Suitable for disassembly and assembly of tires of heavy trucks and large passenger cars, as well as disassembly and maintenance of heavy vehicle chassis and large mechanical equipment
- The main parts adopt vacuum heat treatment and ultra-low temperature quenching process, which have high hardness, good toughness, good wear resistance and long product life
- Light weight, effectively reducing labor intensity

1" Dr. Air Impact Wrench

Function	01132	01132S	01133
Output End Specification	1" Male	1" Male	1" Male
Working Torque ¹ (N-m)	2300	2300	3200
Max. Reversal Torque ² (N-m)	2900	2900	4000
Free Speed (RPM)	4700	4700	4000
Bolt Tightening Capacity ³	M30	M30	M33
Average Gas Consumption (CFM)	16	16	16
Noise Level ⁴ dB(A)	110	110	110
L×W×H (mm)	537×123.5×176	384×123.5×176	623×140×176
Air Inlet Size	1/2"	1/2"	1/2"
Min. Air Hose ID (mm)	12.5	12.5	12.5
Working Air Pressure ⁵ (Kgf/cm ²)	8	8	8
Unit Weight(kg)	12.4	11.4	16.8

No.			
01132	-	1	13.4
01132S	-	1	12.4
01133	-	1	18

¹ For tightening capability standard for bolts, refer to bolts with strength level of 12.9 in DIN 267. ² Noise level is sound pressure of level A. ³ Working air pressure refers to the real-time dynamic air pressure measured at the air inlet of the product during idling operation. ⁴ Working torque refers to the accumulated torque actually output by the tool running forward for 5 seconds under working pressure. ⁵ Maximum reversing torque refers to the torque actually accumulated when the tool reverses for 15 seconds under operating air pressure.

3 MONTHS

01111

- Compact air wrench, total length 125mm
- High speed, high impact frequency
- Net weigh 1.5kg



01118

- Compact design
- Double hammer impact structure
- Maximum reverse torque 750N.M
- Lower exhaust structure



01119

- Double hammer impact structure
- Nylon and glass fiber material shell
- Maximum reverse torque 1050N.M
- Double hammer impact structure



01113C

- Compact air wrench, total length 125mm
- High speed, high impact frequency
- Net weigh 1.5kg



01113A

- High torque output
- CVT trigger for easy initial positioning



02233

- Handle designed with hexagon ring and made with composite for comfort

Function	01111	01118	01119	01113C	01113A	02233
Output end Spec.(in.)	1/2"	1/2"	1/2"	1/2"Male	1/2"Male	3/8"Male
Idle speed (RPM)	10000	8500	8500	7500	7000	280
Working torque ¹ (N-m)	400	600	800	600	610	34
Max.reverse torque ² (N-m)	625	750	1050	800	810	41
Tighten bolt capacity ³ (DIN 12.9)	M16	M18	M20	M18	M18	M6
Air consumption						
CFM	4.7	5.4	4.8	4.2	4.2	3.5
L/min	134	153	136	-	-	-
Noise ⁴ dB(A)	110	100	89	110	102	89
LxWxH (mm)	125x58x177	161x70x186	190x73x185	192x195x69	189x191x69	177x52x40
N.W. (Kg)	1.5	2.3	2.2	2.58	2.66	0.59
Air inlet dimension (NPT)	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Inner diameter of pipe (mm)	10	10	10	10	10	10
Standard working pressure ⁵						
kgf/cm ²	6.35	6.35	6.35	6.35	6.35	6.35
PSI	90	90	90	90	90	90

No.	Product name			
01111	1/2" Compact Air Impact Wrench	-	10	17.5
01118	1/2" Air Impact Wrench	-	8	19.8
01119	1/2" Component Air Impact Wrench	-	6	19.2
01113C	1/2" Dr. Air Impact Wrench	-	6	28.5
01113A	1/2" Dr. Air Impact Wrench	-	6	18
02233	3/8" Dr. Composite Air Ratchet	-	10	7.9

¹ For tightening capability standard for bolts, refer to bolts with strength level of 12.9 in DIN 267. ² Noise level is sound pressure of level A. ³ Working air pressure refers to the real-time dynamic air pressure measured at the air inlet of the product during idling operation. ⁴ Working torque refers to the accumulated torque actually output by the tool running forward for 5 seconds under working pressure. ⁵ Maximum reversing torque refers to the torque actually accumulated when the tool reverses for 15 seconds under operating air pressure

3 MONTHS

02231 1/2" Dr. Air Ratchet

- Ratchet yoke made of chromium-molybdenum alloy steel and subjected to precision machining and special heat treatment for high precision and long service life
- Exhaust hood rotatable in 360 degrees for safety
- Precise planetary gear running in the inner ring gear tube made of nitride steel for stability and durability
- Trigger upgraded to stepless speed control
- Novel exhaust hood profile
- Reversing knob facilitating operation
- Output torque and service life increased

Function	02231
Output End Specification	1/2"Male
Working Torque ¹ (N-m)	75
Max. Reversal Torque ² (N-m)	81
Free Speed (RPM)	160
Bolt Tightening Capacity ³	M8
Average Gas Consumption (CFM)	4
Noise Level ⁴ dB(A)	92.5
LxWxH(mm)	265x60x49
Air Inlet Size	1/4"
Min. Air Hose ID(mm)	8
Working Air Pressure ⁵ (Kgf/cm ²)	6.35
Unit Weight(kg)	1.13
No.	
02231	16 20.8

¹ For tightening capability standard for bolts, refer to bolts with strength level of 12.9 in DIN 267. ² Noise level is sound pressure of level A. ³ Working air pressure refers to the real-time dynamic air pressure measured at the air inlet of the product during idling operation. ⁴ Working torque refers to the accumulated torque actually output by the tool running forward for 5 seconds under working pressure. ⁵ Maximum reversing torque refers to the torque actually accumulated when the tool reverses for 15 seconds under operating air pressure

3 MONTHS



01501

- Small size, easy to hold
- Suitable for small space operation



01503

- Stable low speed
- Special for tire grinding

02511

- Made to industrial-grade grinding machine and suitable for small production in factory and general maintenance
- Cylinder made of special cast steel for wear resistance and long service life
- Elastic clamps subjected to precision machining for smoothness and little deflection and vibration



02514

- Lightweight and compact design for comfort
- Rotary switch for safety



Function	01501	02511	01503	02514
Output End Specification	6mm Collect	6mm Chuck	10mm Quick Coupler	3mm Chuck
Free Speed(RPM)	22000	20000	2200	54000
Average Gas Consumption(CFM)	3	3	4	1
Noise Level ¹ dB(A)	91	95.1	98	78
LxWxH(mm)	122x61.2x33.5	154x70x40	210.9x70.3x40.5	135x17x17
Air Inlet Size	1/4"	1/4"	1/4"	1/4"
Min. Air Hose ID(mm)	8	10	8	10
Working Air Pressure ² (Kgf/cm ²)	6.35	6.35	6.35	6.35
Unit Weight(kg)	0.33	0.60	1.08	0.21

No.	Product name			
01501	Auto 6mm Mini Pneumatic Grinder	-	10	5.58
02511	6mm Collet Air Die Grinder	-	1	8.7
01503	Auto Pneumatic Low-speed Tire Sander	-	5	7.92
02514	Air Pencil Die Grinder	-	10	4

¹ Noise level is sound pressure of level A. ² Working air pressure refers to the real-time dynamic air pressure measured at the air inlet of the product during idling operation

02515

- Quick-release chuck facilitating replacement
- Speed control switch for accurate speed control
- Suitable for polishing, repairing, refurbishing tires and cleaning tire grooves



02521

- Suitable for quick removing of paint, rust, and bump and welding slag from castings such as brake drum, brake disc and aluminum alloy steel ring
- Fully-enclosed reversing knob for effective dust prevention
- Speed adjustment button for use with only one hand, facilitating speed control
- CVT trigger for continuous fine tuning speed



02541

- Industrial-grade tools only suitable for 4.5" or 5" grinding wheel with inner hole diameter of 22mm
- Spiral bevel gear made of nickel-chrome-molybdenum alloy steel and subjected to special heat treatment for stability and wear resistance
- Coaxial centrifugal speed controller of motor for accurate motor speed control and safety
- Exhaust hood rotatable in 360 degrees to avoid exhausting to debris and sand dust, causing injury due to debris splash



02522

- Suitable for grinding and sanding metal in small area and corners
- Eccentric sanding free of eddy grinding marks
- Eccentric mechanism for stability
- Fully-enclosed reversing knob for effective dust prevention
- Speed adjustment button for use with only one hand, facilitating speed control
- CVT trigger for continuous fine tuning speed



Function	02515	02521	02541	02522
Output End Specification	10mm Hex: Chunk	1/4"-20T Main Shaft	M14 Main Shaft	5/16"-24T Main Shaft
Grinding Disc Specification	-	2", 3"	-	3"
Eccentric Distance (mm)	-	-	-	-
Free Speed (RPM)	2500	16000	11000	15000
Average Gas Consumption (CFM)	4	2.1	5	2.1
Noise Level ¹ dB(A)	92	84.9	80.6	84.2
LxWxH(mm)	217x60x40	130x150x50	223x196x93	150x150x45
Air Inlet Size	1/4"	1/4"	1/4"	1/4"
Min. Air Hose ID(mm)	10	10	10	10
Working Air Pressure ² (Kgf/cm ²)	6.35	6.35	6.35	6.35
Unit Weight(kg)	0.97	0.63	2.13	0.80

No.	Product name		
02515	Air Tire Buffer	-	10 11.7
02521	Composite Air Pre Surface Sander Set	-	5 9.1
02541	5" Air Angle Grinder	-	8 18.4
02522	Composite Air Random Orbital Sander Set	-	5 9.9

¹ For tightening capability standard for bolts, refer to bolts with strength level of 12.9 in DIN 267. ² Noise level is sound pressure of level A. ³ Working air pressure refers to the real-time dynamic air pressure measured at the air inlet of the product during idling operation. ⁴ Working torque refers to the accumulated torque actually output by the tool running forward for 5 seconds under working pressure. ⁵ Maximum reversing torque refers to the torque actually accumulated when the tool reverses for 15 seconds under operating air pressure.

02523

- Suitable for polishing of work pieces in small or narrow area
- Capable of polishing metal, paint finish or plastic surface, such as car bumper, plastic lamp shell surface, etc
- Fully-enclosed reversing knob for effective dust prevention
- Speed adjustment button for use with only one hand, facilitating speed control
- CVT trigger for continuous fine tuning speed



02525

- Used with vacuum cleaning system for collecting impurities and dust
- Lightweight and durable composite shell for handiness and comfort
- Low vibration for smoothness and comfort
- Low grinding center of gravity for smooth polishing surface



* Applicable sandpaper

02421

- Suitable for drilling, hole grinding, reaming, and fraising
- Handle coated with composite, weighting only 0.98KG, with low noise and light weight
- Fully-enclosed reversing knob for effective dust control
- 3/8" Jacobs drill chuck for durability
- CVT trigger for easy initial positioning



02524

- Lightweight and durable composite shell for handiness and comfort
- Low vibration for smoothness and comfort
- Low grinding center of gravity for smooth polishing surface



01401

- Self-locking drill chuck
- Gear reduction mechanism, strong output



02422

- High-power industrial-grade air drill suitable for precision drilling, hole grinding, reaming, fraising and wire brush
- Cage-type planetary gear housing for sound transmission and solid spindle support
- Precisely-casted alloy steel cylinder for wear resistance and durability
- CVT trigger for easy initial positioning



Function	02523	02524	02525	01401	02421	02422
Output End Specification	5/16"-24T Main Shaft	5/16"-24(F)	5/16"-24(F)	3/8" Drill Chuck	3/8" Drill Chuck	3/8" Drill Chuck
Grinding Disc Specification	3"	Self-Adhesive Discs 5"	6-Hole Self-Adhesive Discs 5"	-	-	-
Eccentric Distance (mm)	-	5	5	-	-	-
Free Speed (RPM)	2200	11000	11000	2000	1800	1800
Average Gas Consumption (CFM)	2.2	2	2	4	1.92	5
Noise Level ¹ dB(A)	83.5	80	80	98	83.60	78
LxWxH(mm)	160x147x47	140x123x103	198x123x103	202x165.8x42	200x148x45	215x150x44
Air Inlet Size	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Min. Air Hose ID(mm)	10	10	10	8	10	10
Working Air Pressure ³ (Kgf/cm ²)	6.35	6.35	6.35	6.35	6.35	6.35
Unit Weight(kg)	0.82	0.80	0.86	1.21	0.98	1.20

No.	Product name		
02523	Composite Air Polisher Set	-	5 9.4
02524	5" Non-Vacuum Air Random Orbital Sander	-	8 9.9
02525	5" Central Vacuum Air Random Orbital Sander	-	8 10
01401	Auto 10mm Reversible Air Drill	-	10 14.76
02421	3/8" Composite Reversible Air Drill	-	10 12.3
02422	3/8" Reversible Air Drill	-	10 14.7

¹ For tightening capability standard for bolts, refer to bolts with strength level of 12.9 in DIN 267. ² Noise level is sound pressure of level A. ³ Working air pressure refers to the real-time dynamic air pressure measured at the air inlet of the product during idling operation. ⁴ Working torque refers to the accumulated torque actually output by the tool running forward for 5 seconds under working pressure. ⁵ Maximum reversing torque refers to the torque actually accumulated when the tool reverses for 15 seconds under operating air pressure.





02715

02716

Self-Suction Air-Hydro Riveter

- Self-Suction function design
- Safety mechanism Designed
- No need tools to disassemble for maintenance

Riveter Accessories

No.	Specification	Remark
P02704-2	Gripper	Standard Configuration 02704
P02705-2	Gripper	Standard Configuration 02705, 02706
P02707-2	Gripper	Standard Configuration 02707
P02704-49A	Top Tube Assembly 29MM (232)	Standard Configuration 02704
P02704-49C	Top Tube Assembly 19MM (224)	Standard Configuration 02704

No.	Specification	Remark
P02705-49A	Top Tube Assembly 39MM (248)	Standard Configuration 02705, 02706
P02705-49B	Top Tube Assembly 29MM (232)	Standard Configuration 02705
P02706-49	Top Tube Assembly 44MM (264)	Standard Configuration 02706
P02707-49A	Top Tube Assembly 50MM (264)	Standard Configuration 02707
P02707-49B	Top Tube Assembly 40MM (248)	Standard Configuration 02707

Rivet type	Rivet Material (Rivet Body - Nail Rod)	Rivet specifications available													
		02704		02705		02706		02707		02715		02716			
		Tension ≥ 5800N *		Tension ≥ 9400N *		Tension ≥ 13000N *		Tension ≥ 18900N *		Tension ≥ 9500N *		Tension ≥ 19000N *			
		Ø24	Ø32	Ø40	Ø32	Ø40	Ø48	Ø40	Ø48	Ø64	Ø48	Ø64	Ø32	Ø40	Ø48
Open-End Blind Rivet	Aluminum-Aluminum	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Aluminum/copper - Carbon steel/stainless steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Carbon steel-Carbon steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Close-End Blind Rivet	Aluminum-Aluminum	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Aluminum - Carbon steel/stainless steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Carbon steel-Carbon steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Lantern Rivet	Aluminum-Aluminum	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Carbon steel-Carbon steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Grip Rivet	Aluminum-Aluminum	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Peel-Type Blind Rivet	Aluminum - Carbon steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Self-lock Rivet	Aluminum-Aluminum	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Molobolt Rivet	Carbon steel-Carbon steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Stainless steel - Stainless steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Hemlock (Hemlock Rivet)	Carbon steel-Carbon steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Stainless steel - Stainless steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Function	02715	02716
Spec.	Ø4.8	Ø6.4
Max. rivet specifications available	Ø4.8 Close-Type Carbon Steel	Ø6.4 Close-Type Carbon Steel
Working Tension (N)	≥9500	≥19000
Effective Working Stroke (mm)	14	20.5
Max. Working Stroke (mm)	19	27
Air Consumption of Self-priming Function (L/min)	6	16.5
Single-cycle Gas Consumption (L)	2.1	6.2
Noise Level ² dB(A)	80	80
LxWxH(mm)	275x105x265	330x115x340
Working Air Pressure ³ (Kg/cm ²)	5-7	5-7
Min. Air Hose ID	Ø8	Ø8
Unit Weight (kg)	1.28	2.27

No.	1	10	-
02715	1	10	-
02716	1	4	-

▲ ¹ For tightening capability standard for bolts, refer to bolts with strength level of 12.9 in DIN 267. ² Noise level is sound pressure of level A. ³ Working air pressure refers to the real-time dynamic air pressure measured at the air inlet of the product during idling operation. ⁴ Working torque refers to the accumulated torque actually output by the tool running forward for 5 seconds under working pressure. ⁵ Maximum reversing torque refers to the torque actually accumulated when the tool reverses for 15 seconds under operating air pressure. ⁶ The tension listed refers to the tension under the working condition of 6.3 Kg/cm² at the inlet pressure of the tool. * - *: No such specification. ● ○ *: Specification recommended. ○ ○ *: Specification not recommended.



02765 Automatic Air-Hydro Rivet Nut Tool

- Automatic one-touch operation
- Adjustable riveting stroke
- Replacement of pull rod without using any tools
- Smooth operation free from stuck
- One-touch reverse button for easy operation

02765 Accessories List

No.	Specification
P02765-79	P02765-85
P02765-80	P02765-86
P02765-81	P02765-87
P02765-82	P02765-88
P02765-83	P02765-89
P02765-84	P02765-90
P02765-85	P02765-91
P02765-86	P02765-92
P02765-87	P02765-93
P02765-88	P02765-94
P02765-89	P02765-95
P02765-90	P02765-96
P02765-91	P02765-97
P02765-92	P02765-98
P02765-93	P02765-99
P02765-94	P02765-100
P02765-95	P02765-101
P02765-96	P02765-102
P02765-97	P02765-103
P02765-98	P02765-104
P02765-99	P02765-105
P02765-100	P02765-106
P02765-101	P02765-107
P02765-102	P02765-108
P02765-103	P02765-109
P02765-104	P02765-110
P02765-105	P02765-111
P02765-106	P02765-112
P02765-107	P02765-113
P02765-108	P02765-114
P02765-109	P02765-115
P02765-110	P02765-116
P02765-111	P02765-117
P02765-112	P02765-118
P02765-113	P02765-119
P02765-114	P02765-120
P02765-115	P02765-121
P02765-116	P02765-122
P02765-117	P02765-123
P02765-118	P02765-124
P02765-119	P02765-125
P02765-120	P02765-126
P02765-121	P02765-127
P02765-122	P02765-128
P02765-123	P02765-129
P02765-124	P02765-130
P02765-125	P02765-131
P02765-126	P02765-132
P02765-127	P02765-133
P02765-128	P02765-134
P02765-129	P02765-135
P02765-130	P02765-136
P02765-131	P02765-137
P02765-132	P02765-138
P02765-133	P02765-139
P02765-134	P02765-140
P02765-135	P02765-141
P02765-136	P02765-142
P02765-137	P02765-143
P02765-138	P02765-144
P02765-139	P02765-145
P02765-140	P02765-146
P02765-141	P02765-147
P02765-142	P02765-148
P02765-143	P02765-149
P02765-144	P02765-150
P02765-145	P02765-151
P02765-146	P02765-152
P02765-147	P02765-153
P02765-148	P02765-154
P02765-149	P02765-155
P02765-150	P02765-156
P02765-151	P02765-157
P02765-152	P02765-158
P02765-153	P02765-159
P02765-154	P02765-160
P02765-155	P02765-161
P02765-156	P02765-162
P02765-157	P02765-163
P02765-158	P02765-164
P02765-159	P02765-165
P02765-160	P02765-166
P02765-161	P02765-167
P02765-162	P02765-168
P02765-163	P02765-169
P02765-164	P02765-170
P02765-165	P02765-171
P02765-166	P02765-172
P02765-167	P02765-173
P02765-168	P02765-174
P02765-169	P02765-175
P02765-170	P02765-176
P02765-171	P02765-177
P02765-172	P02765-178
P02765-173	P02765-179
P02765-174	P02765-180
P02765-175	P02765-181
P02765-176	P02765-182
P02765-177	P02765-183
P02765-178	P02765-184
P02765-179	P02765-185
P02765-180	P02765-186
P02765-181	P02765-187
P02765-182	P02765-188
P02765-183	P02765-189
P02765-184	P02765-190
P02765-185	P02765-191
P02765-186	P02765-192
P02765-187	P02765-193
P02765-188	P02765-194
P02765-189	P02765-195
P02765-190	P02765-196
P02765-191	P02765-197
P02765-192	P02765-198
P02765-193	P02765-199
P02765-194	P02765-200
P02765-195	P02765-201
P02765-196	P02765-202
P02765-197	P02765-203
P02765-198	P02765-204
P02765-199	P02765-205
P02765-200	P02765-206
P02765-201	P02765-207
P02765-202	P02765-208
P02765-203	P02765-209
P02765-204	P02765-210
P02765-205	P02765-211
P02765-206	P02765-212
P02765-207	P02765-213
P02765-208	P02765-214
P02765-209	P02765-215
P02765-210	P02765-216
P02765-211	P02765-217
P02765-212	P02765-218
P02765-213	P02765-219
P02765-214	P02765-220
P02765-215	P02765-221
P02765-216	P02765-222
P02765-217	P02765-223
P02765-218	P02765-224
P02765-219	P02765-225
P02765-220	P02765-226
P02765-221	P02765-227
P02765-222	P02765-228
P02765-223	P02765-229
P02765-224	P02765-230
P02765-225	P02765-231
P02765-226	P02765-232
P02765-227	P02765-233
P02765-228	P02765-234
P02765-229	P02765-235
P02765-230	P02765-236
P02765-231	P02765-237
P02765-232	P02765-238
P02765-233	P02765-239
P02765-234	P02765-240
P02765-235	P02765-241
P02765-236	P02765-242
P02765-237	P02765-243
P02765-238	P02765-244
P02765-239	P02765-245
P02765-240	P02765-246
P02765-241	P02765-247
P02765-242	P02765-248
P02765-243	P02765-249
P02765-244	P02765-250
P02765-245	P02765-251
P02765-246	P02765-252
P02765-247	P02765-253
P02765-248	P02765-254
P02765-249	P02765-255
P02765-250	P02765-256
P02765-251	P02765-257
P02765-252	P02765-258
P02765-253	P02765-259
P02765-254	P02765-260
P02765-255	P02765-261
P02765-256	P02765-262
P02765-257	P02765-263
P02765-258	P02765-264
P02765-259	P02765-265
P02765-260	P02765-266
P02765-261	P02765-267
P02765-262	P02765-268
P02765-263	P02765-269
P02765-264	P02765-270
P02765-265	P02765-271
P02765-266	P02765-272
P02765-267	P02765-273
P02765-268	P02765-274
P02765-269	P02765-275
P02765-270	P02765-276
P02765-271	P02765-277
P02765-272	P02765-278
P02765-273	P02765-279
P02765-274	P02765-280
P02765-275	P02765-281
P02765-276	P02765-282
P02765-277	P02765-283
P02765-278	P02765-284
P02765-279	P02765-285
P02765-280	P02765-286
P02765-281	P02765-287
P02765-282	P02765-288
P02765-283	P02765-289
P02765-284	P02765-290
P02765-285	P02765-291
P02765-286	P02765-292
P02765-287	P02765-293
P02765-288	P02765-294
P02765-289	P02765-295
P02765-290	P02765-296
P02765-291	P02765-297
P02765-292	P02765-298
P02765-293	P02765-299
P02765-294	P02765-300
P02765-295	P02765-301
P02765-296	P02765-302
P02765-297	P02765-303
P02765-298	P02765-304
P02765-299	P02765-305
P02765-300	P02765-306
P02765-301	P02765-307
P02765-302	P02765-308
P02765-303	P02765-309
P02765-304	P02765-310
P02765-305	P02765-311
P02765-306	P02765-312
P02765-307	P02765-313
P02765-308	P02765-314
P02765-309	P027



Applicable to 6-Hole 6" Self-Adhesive Discs



Applicable to 6-Hole 5" Self-Adhesive Discs

6" Self Vacuum Palm Sander, 2.5mm Orbit

- Industrial-grade product for strong suction, handiness and comfort
- Low vibration for smoothness
- 5" and 6" stickup grinding disc for easy sandpaper replacement
- 2.5mm and 5.0mm eccentricities for fine grinding and common grinding respectively

Function	02515	02521	02541	02522
Output End Specification	5/16"-24(F)	5/16"-24(F)	5/16"-24(F)	5/16"-24(F)
Grinding Disc Specification	6"	6"	5"	5"
Eccentric Distance(mm)	2.5	5	2.5	5
Free Speed (RPM)	11000	11000	11000	11000
Average Gas Consumption(CFM)	2.2	2.2	2.2	2.2
Noise Level ² dB(A)	88	88	88	88
LxWxH(mm)	213.2x150x96.3	213.2x150x96.3	200.6x124.7x96.8	200.6x124.7x96.8
Air Inlet Size	1/4"	1/4"	1/4"	1/4"
Min. Air Hose ID(mm)	10	10	10	10
Working Air Pressure ³ (Kgf/cm ²)	6.35	6.35	6.35	6.35
Unit Weight(kg)	1.12	1.12	1.07	1.07

No.			
02659	-	6	11.4
02662	-	6	11.4
02665	-	6	11.4
02668	-	6	11.4

¹ For tightening capability standard for bolts, refer to bolts with strength level of 12.9 in DIN 267. ² Noise level is sound pressure of level A. ³ Working air pressure refers to the real-time dynamic air pressure measured at the air inlet of the product during idling operation. ⁴ Working torque refers to the accumulated torque actually output by the tool running forward for 5 seconds under working pressure. ⁵ Maximum reversing torque refers to the torque actually accumulated when the tool reverses for 15 seconds under operating air pressure



P02545-35A Saw Blade, 32T

P02545-35B Saw Blade, 24T

02545 Air Reciprocating Saw

- 32T saw blade available with additional one 24T saw blade and one 32T saw blade, with reciprocation of 9000BPM
- Capable of cutting iron plate with thickness of less than 1.6mm, 2mm-thick aluminum plate, glass fiber, plastic, etc
- Safety trigger with locking device provided to prevent accidental activation
- Adjustable hood for cutting depth adjustment

Function	02545
Saw Blade Specification	32T, 24 Saw Blade
Reciprocating Times(BPM)	9000
Average Gas Consumption(CFM)	9
Noise Level ² dB(A)	88
LxWxH(mm)	279x36x68
Air Inlet Size	1/4"
Min. Air Hose ID(mm)	10
Working Air Pressure ³ (Kgf/cm ²)	6.35
Unit Weight(kg)	0.65

No.			
02545	-	20	17

¹ For tightening capability standard for bolts, refer to bolts with strength level of 12.9 in DIN 267. ² Noise level is sound pressure of level A. ³ Working air pressure refers to the real-time dynamic air pressure measured at the air inlet of the product during idling operation. ⁴ Working torque refers to the accumulated torque actually output by the tool running forward for 5 seconds under working pressure. ⁵ Maximum reversing torque refers to the torque actually accumulated when the tool reverses for 15 seconds under operating air pressure



02542 2" Air Cutter

- Precise spiral bevel gear for smoothness and durability
- Rotary switch for safety
- Handiness for cutting in narrow spaces

Function	02545
Output End Specification	1/4"-28 (F) Main Shaft
Free Speed (RPM)	15000
Average Gas Consumption (CFM)	3
Noise Level ² dB(A)	90
LxWxH (mm)	160x66x60
Air Inlet Size	1/4"
Min. Air Hose ID(mm)	10
Working Air Pressure ³ (Kgf/cm ²)	6.35
Unit Weight(kg)	0.655

No.			
02542	-	10	9.3

¹ For tightening capability standard for bolts, refer to bolts with strength level of 12.9 in DIN 267. ² Noise level is sound pressure of level A. ³ Working air pressure refers to the real-time dynamic air pressure measured at the air inlet of the product during idling operation. ⁴ Working torque refers to the accumulated torque actually output by the tool running forward for 5 seconds under working pressure. ⁵ Maximum reversing torque refers to the torque actually accumulated when the tool reverses for 15 seconds under operating air pressure



01511K 12pcs Pneumatic shovel and hammer set

- Strong impact
- Variety of accessories
- Suitable for disassembly of chassis, suspension and brake system components
- Suitable for dismantling the car body

Function	01511K
Shank hole spec.(mm)	Ø10
Impact frequency(BPM)	2200
LxWxH(mm)	284x52x162
Unit Weight(kg)	2.2

No.			
01511K	-	3	17.5

¹ Three-month warranty. Accessories and wearing parts are not covered by the warranty



02571 Air Hammer Set

- The set includes: 1 pc Pneumatic Chipping Hammer, 5 pc Medium Carbon Steel Chisel of 175mm in length subjected to heat treatment, 1 pc Spring Fixator, and 1 pc Blow Mold Case
- Cylinder and piston made of alloy steel for long service life
- Power control switch for speed and power output adjustment
- Rear exhaust keeping airflow away from operator and workpiece

Function	01511K
Output End Specification	10MM Round Bar Chuck
Free Speed (RPM)	3000 BPM
Average Gas Consumption (CFM)	3
Noise Level ² dB(A)	1014
LxWxH (mm)	175x180x50
Air Inlet Size	1/4"
Min. Air Hose ID(mm)	10
Working Air Pressure ³ (Kgf/cm ²)	6.35
Unit Weight(kg)	1.58

No.			
02571	-	4	16

¹ For tightening capability standard for bolts, refer to bolts with strength level of 12.9 in DIN 267. ² Noise level is sound pressure of level A. ³ Working air pressure refers to the real-time dynamic air pressure measured at the air inlet of the product during idling operation. ⁴ Working torque refers to the accumulated torque actually output by the tool running forward for 5 seconds under working pressure. ⁵ Maximum reversing torque refers to the torque actually accumulated when the tool reverses for 15 seconds under operating air pressure



97221



97222

Air Blow Gun

- Working air pressure 5.0-8.0KGF/cm²
- Brass joint dimensions 1/4"NPT
- Gas flow
- 1/4"-inner-diameter air tube: 350L/min 3/8"-inner-diameter air tube: 430L/min
- Safety precautions
- Wear ear protection, eye protection, work gloves and other personal protective equipment for operation.

No.	Spec. (mm)			
97221	100	5	60	10.6
97222	250	5	50	12.6

▲ Excluded from lifetime warranty terms.



Air Source Processor

Note: Please note that the compressed air should pass through the filter first and then through the lubricator.

Function	29921	29931	29941
Connector Specification [PT]	1/4"	3/8"	1/2"
Filtration Accuracy (μm)	5	5	5
Maximum Flow (L/min)	2200	3000	3100
Maximum Air Inlet Pressure (psi)	215	215	215
Maximum Air Inlet Pressure (bar)	15	15	15
Maximum Air Outlet Pressure (psi)	145	145	145
Maximum Air Outlet Pressure (bar)	10	10	10
Filter Cup Capacity (ml)	55	55	55
Oil Cup Capacity (ml)	80	80	80
LxWxH (mm)	115x69x233	115x69x233	115x69x233
Unit Weight (kg)	1.5	1.5	1.5

No.			
29921	-	12	19.9
29931	-	12	19.9
29941	-	12	19.9

▲ Excluded from lifetime warranty terms.



SAE



09008 12Pc. 1/2" Dr. Impact Socket Set, SAE

- 10Pc. 1/2" Dr. SAE Impact Socket [7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"]
- 1Pc. 1/2" Dr. Impact Universal Joint
- 1Pc. 1/2" Dr. Impact Extension Bar [5"]

No.			
09008	-	8	17.9

▲ Excluded from lifetime warranty terms.



SAE



09009 12Pc. 1/2" Dr. Impact Socket Set, SAE

- 10Pc. 1/2" Dr. Impact Socket [10, 11, 13, 14, 17, 19, 21, 22, 23, 24mm]
- 1Pc. 1/2" Dr. Impact Universal Joint
- 1Pc. 1/2" Dr. Impact Extension Bar [5"]

No.			
09009	-	8	16.5

▲ Excluded from lifetime warranty terms.



1/4"



1/4" Dr. Impact Bit Socket, Torx®

- Bit made of special alloy steel for high hardness and wear resistanceSocket made of CR-Mo by cold forging process for impact resistance
- Cylindrical shank for better torsion resistance
- Special construction for tight connection between bit and socket

No.	Spec. (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)			
35203	3	12.6	11.5	35	24	6	14	10	200	4.4
35204	4	12.6	11.5	35	24	6	14	10	200	4.5
35205	5	12.6	11.5	35	24	6	14	10	200	4.6
35206	6	12.6	11.5	35	24	7	14	10	200	4.7

▲ Excluded from lifetime warranty terms.



3/8"



3/8" Dr. Impact Bit Socket, Hexagon

- Bit made of special alloy steel for high hardness and wear resistanceSocket made of CR-Mo by cold forging process for impact resistance
- Cylindrical shank for better torsion resistance
- Special construction for tight connection between bit and socket

No.	Spec. (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)			
35304	4	20	18	70	57	8	39	6	120	9.2
35305	5	20	18	70	57	8	39	6	120	9.2
35306	6	20	18	70	57	9	39	6	120	9.3
35307	7	20	18	70	57	9	39	6	120	9.5
35308	8	20	18	70	57	9.5	39	6	120	10

▲ Excluded from lifetime warranty terms.

Industrial Air Blow Gun

- POM material handle
- Industrial valve inside
- Made in Denmark
- Valve body with one million life cycles

Function	01511K	01511K
Air Outlet ID	Ø2.3	Ø2.3
Air Flow (L/MIN)	380	380
Noise Level ¹ dB(A)	85	85
LxWxH(mm)	233x122x23	414x122x23
Air Inlet Size	1/4"	1/4"
Min. Air Hose ID(mm)	6.5	6.5
Working Air Pressure ² (Kgf/cm ²)	6~8	6~8
Unit Weight(kg)	0.11	0.14

No.			
97223	-	50	9.5
97224	-	50	11.4

▲ ¹ For tightening capability standard for bolts, refer to bolts with strength level of 12.9 in DIN 267. ² Noise level is sound pressure of level A. ³ Working air pressure refers to the real-time dynamic air pressure measured at the air inlet of the product during idling operation. ⁴ Working torque refers to the accumulated torque actually output by the tool running forward for 5 seconds under working pressure. ⁵ Maximum reversing torque refers to the torque actually accumulated when the tool reverses for 15 seconds under operating air pressure

Excluded from lifetime warranty terms.



1/2" Dr. Impact Bit Socket, Hexagon

- Bit made of special alloy steel for high hardness and wear resistanceSocket made of CR-Mo by cold forging process for impact resistance
- Cylindrical shank for better torsion resistance
- Special construction for tight connection between bit and socket

No.	Spec.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)			
35404	4	24	19	75	57	8	39	6	60	6.6
35405	5	24	19	75	57	8	39	6	60	6.6
35406	6	24	19	75	57	9	39	6	60	6.7
35407	7	24	19	75	57	9	39	6	60	6.8
35408	8	24	19	75	57	9.5	39	6	60	7
35410	10	25	25	75	57	14	39	6	60	8.2
35412	12	25	25	75	57	15	39	6	60	8.9
35414	14	25	25	75	57	17	39	6	60	9.5

▲ Excluded from lifetime warranty terms.



1/2" Dr. Impact Bit Socket, Torx®

- Bit made of special alloy steel for high hardness and wear resistanceSocket made of CR-Mo by cold forging process for impact resistance
- Cylindrical shank for better torsion resistance
- Special construction for tight connection between bit and socket

No.	Spec.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)			
35425	T27	24	19	75	57	8	39	6	60	6.5
35426	T30	24	19	75	57	8	39	6	60	6.5
35427	T40	24	19	75	57	9.5	39	6	60	6.7
35428	T45	24	19	75	57	9.5	39	6	60	6.9
35429	T50	24	19	75	57	11	39	6	60	7.1
35430	T55	25	25	75	57	14	39	6	60	8.9

▲ Excluded from lifetime warranty terms.



3/8" Dr. 6Pt. Impact Socket

- Made of CR-Mo by cold forging process for impact resistance

No.	Ø (mm)			
34202	7	6	-	-
34203	8	6	-	-
34204	9	6	-	-
34205	10	6	-	-
34206	11	6	-	-
34207	12	6	-	-
34208	13	6	-	-
34209	14	6	-	-
34210	15	6	-	-
34211	16	6	-	-
34212	17	6	-	-
34213	18	6	-	-
34214	19	6	-	-



1/4" Dr. Impact Bit Socket, Torx®

- Bit made of special alloy steel for high hardness and wear resistanceSocket made of CR-Mo by cold forging process for impact resistance
- Cylindrical shank for better torsion resistance
- Special construction for tight connection between bit and socket

No.	Spec.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)			
35221	T10	12.6	11.5	35	24	6	14	10	200	4.2
35222	T15	12.6	11.5	35	24	6	14	10	200	4.3
35223	T20	12.6	11.5	35	24	6	14	10	200	4.3
35224	T25	12.6	11.5	35	24	6	14	10	200	4.3
35225	T27	12.6	11.5	35	24	6	14	10	200	4.4
35226	T30	12.6	11.5	35	24	7	14	10	200	4.4

▲ Excluded from lifetime warranty terms.



Impact Socket Adaptor

- Made of CR-Mo by cold forging process for impact resistance

No.	Male × Female			
34714	3/8"×1/4" [M×F]	20	300	5.2
34715	1/2"×3/8" [M×F]	20	200	12.7
34716	3/8"×1/2" [M×F]	20	200	13.5
34717	3/4"×1/2" [M×F]	12	60	9.4
34718	1/2"×3/4" [M×F]	12	60	20.7



Impact Universal Joint

- Made of CR-Mo by cold forging process for impact resistance

No.	L			
32902	3/8"×3/8" [M×F]	-	140	12.8
34719	1/2"×1/2" [M×F]	6	90	16
34720	3/4"×3/4" [M×F]	4	24	16.4



3/8" Dr. 6Pt. Impact Deep Socket

- Made of CR-Mo by cold forging process for impact resistance

No.	Ø (mm)			
34101	7	6	-	-
34102	8	6	-	-
34103	9	6	-	-
34104	10	6	-	-
34105	11	6	-	-
34106	12	6	-	-
34107	13	6	-	-
34108	14	6	-	-
34109	15	6	-	-
34110	16	6	-	-
34111	17	6	-	-
34112	18	6	-	-
34113	19	6	-	-



3/8" Dr. Impact Extension Bar

- Made of CR-Mo by cold forging process for impact resistance

No.	L (mm)	Material			
34701	75	Cr-Mo	12	180	15
34702	150	Cr-Mo	6	60	9.7



1/2" Dr. Impact Extension Bar

- Made of CR-Mo by cold forging process for impact resistance

No.	Spec.			
33911	3"	1	90	12.9
33901	5"	-	80	17.1



1/2" Dr. 6Pt. Impact Socket

- Made of CR-Mo by cold forging process for impact resistance

No.	Ø (mm)			
34303	10	6	-	-
34304	11	6	-	-
34305	12	6	-	-
34306	13	6	-	-
34307	14	6	-	-
34308	15	6	-	-
34309	16	6	-	-
34310	17	6	-	-
34311	18	4	-	-
34312	19	4	-	-
34314	21	4	-	-
34315	22	4	-	-
34316	23	4	-	-
34317	24	4	-	-
34320	27	4	-	-
34322	29	2	-	-
34323	30	2	-	-
34325	32	2	-	-



3/8" Dr. Impact Bit Socket, Torx®

- Bit made of special alloy steel for high hardness and wear resistanceSocket made of CR-Mo by cold forging process for impact resistance
- Cylindrical shank for better torsion resistance
- Special construction for tight connection between bit and socket

No.	Spec.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)			
35322	T15	20	18	70	57	5.2	39	6	120	8.9
35323	T20	20	18	70	57	5.2	39	6	120	8.9
35324	T25	20	18	70	57	8	39	6	120	8.9
35325	T27	20	18	70	57	8	39	6	120	9
35326	T30	20	18	70	57	8	39	6	120	9
35327	T40	20	18	70	57	9.5	39	6	120	9.4
35328	T45	20	18	70	57	9.5	39	6	120	10.2
35329	T50	20	18	70	57	11	39	6	120	10.2

▲ Excluded from lifetime warranty terms.

1/2"



1/2" Dr. 6Pt. Thin Wall Impact Socket

- Made of CR-Mo by cold forging process for impact resistance
- Thin-walled for use in narrow spaces

No.	Ø(mm)			
34303T	10	6	-	-
34304T	11	6	-	-
34305T	12	6	-	-
34306T	13	6	-	-
34307T	14	6	-	-
34308T	15	6	-	-
34309T	16	6	-	-
34310T	17	6	-	-
34311T	18	4	-	-
34312T	19	4	-	-
34314T	21	4	-	-
34315T	22	4	-	-
34316T	23	4	-	-
34317T	24	4	-	-
34320T	27	4	-	-

⚠ Excluded from lifetime warranty terms.

1/2"



1/2" Dr. 6Pt. Thin Wall Impact Deep Socket

- Made of CR-Mo by cold forging process for impact resistance
- Thin-walled for use in narrow spaces

No.	Ø(mm)			
34403T	10	6	-	-
34404T	11	6	-	-
34405T	12	6	-	-
34406T	13	6	-	-
34407T	14	6	-	-
34408T	15	6	-	-
34409T	16	6	-	-
34410T	17	6	-	-
34411T	18	6	-	-
34412T	19	4	-	-
34414T	21	4	-	-
34415T	22	4	-	-
34417T	23	4	-	-
34419T	24	4	-	-
34420T	27	4	-	-

⚠ Excluded from lifetime warranty terms.

1/2"



1/2" Dr. 6Pt. Impact Deep Socket

- Made of CR-Mo by cold forging process for impact resistance

No.	Ø(mm)			
34403	10	6	-	-
34404	11	6	-	-
34405	12	6	-	-
34406	13	6	-	-
34407	14	6	-	-
34408	15	6	-	-
34409	16	6	-	-
34410	17	6	-	-
34411	18	6	-	-
34412	19	4	-	-
34414	21	4	-	-
34415	22	4	-	-
34417	23	4	-	-
34419	24	4	-	-
34420	27	4	-	-
34422	29	2	-	-
34423	30	2	-	-
34425	32	2	-	-

1/2"



1/2" Dr. Impact Extension Bar

- Made of CR-Mo by cold forging process for impact resistance

No.	L(mm)			
34703	125	6	72	17.2
34704	150	6	72	20.1
34705	250	6	36	16.2
34706	300	6	30	16

3/4"



3/4" Dr. 6Pt. Impact Socket

- Made of CR-Mo by cold forging process for impact resistance

No.	Ø(mm)			
34505	17	6	72	17.1
34506	18	6	72	17.9
34507	19	6	72	17.8
34508	20	6	72	18.6
34509	21	6	72	19.6
34510	22	6	72	19.1
34511	23	6	54	14
34512	24	6	54	15.4
34513	25	6	54	15.4
34514	26	6	54	14.3
34515	27	6	36	10.9
34516	28	6	36	10.5
34517	29	6	36	12.1
34518	30	6	36	13.5
34519	31	6	36	15.4
34520	32	6	36	16.7
34521	33	6	36	16
34522	34	2	-	-
34523	35	6	36	16.7
34524	36	6	36	17.7
34525	37	6	36	20.3
34526	38	6	36	19.4
34527	39	6	36	21
34528	40	6	36	21.8
34529	41	6	36	21.7
34530	42	6	36	22.5
34531	43	1	18	12.8
34532	44	1	18	13
34533	45	1	18	13.6
34534	46	1	18	13.8
34535	47	1	18	15.1
34536	48	1	18	15.2
34537	49	-	18	16.5
34538	50	-	18	20.2
34540	52	1	-	-
34542	54	1	18	1.7
34543	55	1	12	14.9
34544	56	1	12	23.8
34545	57	-	12	15.5
34546	58	1	-	-
34547	59	1	12	25.7
34548	60	-	12	17.6
34549	63	-	12	18.5
34550	65	1	12	20
34551	67	1	12	21.4

3/4"



3/4" Dr. 6Pt. Impact Deep Socket

- Made of CR-Mo by cold forging process for impact resistance

No.	Ø(mm)			
34605	17	1	20	12.5
34606	18	1	20	12.7
34607	19	1	20	12.8
34608	20	1	20	20.6
34609	21	1	20	13
34610	22	1	20	13.3
34611	23	1	20	13.8
34612	24	1	20	13.9
34613	25	1	20	14.4
34614	26	1	20	22.9
34615	27	1	20	12.9
34616	28	1	-	-
34617	29	1	-	-
34618	30	1	20	14.1
34619	31	1	20	23
34620	32	1	20	14.8
34621	33	1	20	15.9
34622	34	1	20	16
34623	35	1	-	-
34624	36	1	20	17
34625	37	-	20	28.1
34626	38	1	20	18
34628	40	1	18	17.6
34629	41	1	18	17.8
34630	42	1	18	18.6
34631	43	1	-	-
34632	44	-	18	19.7
34633	45	1	18	19.9
34634	46	6	18	20.4
34635	47	1	-	-
34636	48	1	-	-
34637	49	1	-	-
34638	50	-	12	16.5
34640	55	-	12	18.7

3/4"



3/4" Dr. Impact Extension Bar

- Made of CR-Mo by cold forging process for impact resistance

No.	L(mm)			
34707	90	4	24	13.5
34708	100	4	24	14.4
34709	150	3	18	14.2
34710	175	3	18	15.9
34711	200	2	12	11.9
34712	250	-	10	12.1



1" Dr. 6Pt. Impact Socket

• Made of CR-Mo by cold forging process for impact resistance

No.	Ø(mm)			
34805	17	6	36	19.7
34806	18	6	36	19.9
34807	19	6	36	20.1
34808	20	6	36	20.1
34809	21	6	36	20.3
34810	22	6	36	20.6
34811	23	1	30	20.1
34812	24	5	30	17.6
34813	25	6	30	21.9
34814	26	6	30	22.3
34815	27	5	30	18.9
34816	28	6	30	19.2
34817	29	5	30	19.9
34818	30	4	24	16.3
34819	31	6	24	19.5
34820	32	4	24	16.7
34821	33	4	24	16.8
34822	34	4	24	17.1
34823	35	4	24	18.3
34824	36	4	24	18.6
34825	37	4	24	19.1
34826	38	4	24	19.7
34827	39	4	24	19.8
34828	40	4	24	20.2
34829	41	4	16	14.5
34830	42	4	16	14.7
34831	43	4	16	15.1
34832	44	4	16	15.5
34833	45	4	16	16.8
34834	46	4	16	17.3
34835	47	4	16	17.4
34836	48	4	16	19
34837	49	1	12	19.6
34838	50	4	12	15
34839	51	2	12	15.4
34840	52	2	12	17
34841	53	-	12	17.6
34842	54	2	12	17.9
34843	55	2	12	18.8
34844	56	2	12	37.6
34845	57	2	12	19.6
34846	58	1	8	13.7
34847	59	1	8	15
34848	60	1	8	14.8
34849	63	1	8	15.1
34850	65	1	8	16.8
34851	67	-	8	17.5
34852	68	1	8	18.2
34853	69	-	8	19.1



1" Dr. 6Pt. Impact Deep Socket

• Made of CR-Mo by cold forging process for impact resistance

No.	Ø(mm)			
34905	17	1	18	15.7
34906	18	1	18	25.4
34907	19	-	18	10.8
34908	20	1	-	-
34909	21	1	18	16
34910	22	1	18	16.2
34911	23	1	-	-
34912	24	1	18	16.4
34913	25	-	18	16.6
34914	26	1	-	-
34915	27	1	18	17
34916	28	1	18	17.1
34917	29	1	18	17.3
34918	30	-	18	17.6
34919	31	1	18	17.8
34920	32	1	18	18.7
34921	33	1	18	18.5
34922	34	-	18	18.6
34923	35	1	12	12.5
34924	36	-	12	12.7
34925	37	1	12	19.4
34926	38	-	12	13.3
34928	40	1	-	-
34929	41	1	12	14.5
34930	42	1	-	-
34931	43	1	-	-
34934	46	1	6	9.3
34937	49	1	6	10.2
34938	50	1	6	10.3
34940	55	1	6	11.4



1/4" Dr. Magnetic Nut Driver

• Made of SVCM for high hardness, wear resistance and toughness
• Cold forged and subjected to integral heat treatment for impact resistance
• Applicable to electric and pneumatic screwdrivers
• Built-in magnet for easy connection with screws and nuts

No.	Ø(mm)	L(mm)			
35106	6	65	12	144	5.5
35107	7	65	12	144	6
35108	8	65	12	144	6
35110	10	65	12	144	6.2
35112	12	65	12	144	8.2
35113	13	65	12	144	8.2



98101 Dial Tire Inflation Gun

- The measurement range is specially designed for passenger cars, with scales displayed clearer
- High-precision mechanical pressure gauge, with better stable performance
- Aluminum body with rubber sheath, better shockproof and impact-proof performance
- Stainless steel braided hose, resistant to bending with longer life
- Copper intake connector, rust-proof and durable

Function	01511K
Measurement range	0-8 bar / 117 psi
Reading accuracy	0.1 bar
Precision	JIG 927-2013 Standard Grade 1.6, Within max.range 90-100%, tolerance ±2.5% The rest of range tolerance ±1.6%
Max. inlet pressure	2.215 bar/218 psi
L×W×H (mm)	315×100× 170

No.			
98101	-	20	22

Warranty Terms for Pneumatic Tools

Warranty Scope

Subject to the provisions of "Non-Warranty Scope" in Part II below, all pneumatic tools marked with the **SATA** trademark can be repaired free of charge or replaced at the designated maintenance store of SATA within 3 months from the date of purchase in case of any malfunction during normal use. Repaired or replaced items shall be warranted for the rest of the valid period in accordance with This Clause.

Non-Warranty Scope

Pneumatic tools without the **SATA** trademark will not be warranted. Products that are damaged due to abnormal use will not be warranted.

Products that are worn due to too-much continuous use will not be warranted.

Products that are not repaired by maintenance store designated by SATA, disassembled without permission, or damaged due to the use of spare and accessory parts not authorized by SATA will not be warranted.

Products that are subjected to rust, plating peeling, surface scratches or plastic handle damage after use will not be repaired or replaced by SATA.

Products with warranty card not sent back within the specified time will not be repaired or replaced by SATA.

How to replace or repair products

Users shall, within one month from the date of purchase of SATA pneumatic tools (i.e., within 30 days from the date marked on the purchase voucher, and the final date shall be subject to the postmark of the buyer), send back to SATA a complete and valid copy of the "Return Receipt of SATA Pneumatic Tools Warranty Card". Otherwise, it shall be deemed to be a waiver of the warranty rights.

For products within free repair or free replacement scope, users can go to the nearest SATA designated sales shop to fill in the product warranty card and enjoy free repair even replacement with proof of purchase like original receipts and copies.

Service Consulting

If you have any question about warranty terms for **SATA** pneumatic tools, or if you are not satisfied with the service provided by designated sales shop, please contact SATA Tool (Shanghai) Co., Ltd.: SATAMarcom_Asia@ApexToolGroup.com.

Power of Interpretation

These Terms shall be interpreted by SATA Tools (Shanghai) Co., Ltd.