2025
2026

AUTHENTIC POWER

Cordless | Pneumatic Solutions

Tools that matter for your work



WARNING :

- All the pneumatic tools should only be used as hand operated tools.
- They are powered by compressed air and are not insulated against electric shock.
- Always turn off the air supply and disconnect the air hose before changing or replacing any inserted tool and accessory.
- Before using these tools, make sure that all couplings and plugs are securely fastened. Air hoses which are under pressure may lash out when disconnecting, that can lead to serious injury!
- High sound levels may cause hearing damage.
- Always wear hearing protection when operating this tool.
- Wearing eye/face protection can reduce the danger of high-speed materials being emitted from the tool.
- Make sure that the direction of the spark generated from the cutting wheel grinding wheel or shank stone is properly directed so as to not create a hazard..
- Always wear gloves to reduce risk.
- User must wear proper clothing.
- Loose clothing, long hair, stings, straps, belts and jewelry should not be worn when operating this tool.
- Long periods of prolong use will cause fatigue.
- Periodic breaks are recommended for user safety.
- It is recommended to stop operating the tool whenever discomfort, tingling or pain occurs during use.
- Make sure there is no gas or combustible material stored near the tool when servicing, changing insert tools, or storage.
- Wearing proper breathing protection to avoid inhale dust or handling debris from working process, which can be harmful to the health.





AUTHENTIC POWER



A complete brand experience

As a designer, manufacturer, and distributor, M7 goes beyond merely producing tools – we offer a complete brand experience tailored to the unique requirements of our clients.

Our team is dedicated to supporting our customers with seamless service and expert advice, helping them find the right tools to enhance productivity and performance.

This dedication to service is at the heart of our brand, fostering strong relationships with our global network of distributors and users.

Empowering Professionals Worldwide with Reliable Performance

M7 is a leading global supplier of high-performance pneumatic and cordless power tools, providing a comprehensive range of tools that are built for reliability, efficiency, and ergonomic design.

Our commitment to quality is driven by a deep understanding of the needs of professionals across diverse industries.

We listen closely to our customers, ensuring that our tools meet and exceed their performance expectations, from demanding construction sites to precision-driven workshops.



MIGHTY SEVEN





















Global reach & unmatched support

M7 reaches clients on every continent, supported by a robust team of international experts and a passionate group of engineers, designers, and service professionals. Our global presence allows us to quickly respond to the needs of our dealers and customers, ensuring that our high standards of quality and performance are upheld worldwide. With M7, clients have a partner they can rely on for exceptional products and unwavering support, wherever they are.

LEVEL IDENTIFICATION

LEVEL

The air tools in this section have been categorized into three distinctive levels for user convenience (for reference only).

Efficiency / Performance

Easy to use to handle tasks quickly,these tool embody efficiency and performance.

Strength

Tools provide high torque force, superior grinding power and high cutting energy.

Endurance

Built to last, product longevity and low failure rate are characteristics associated with these tools.

APPLICATION

Application icons have been designed to provide visual references that suggest industry specific features or usability. These application icons are for reference only.



Automotive | Industry | Shipbuilding | Motorcycle | Agriculture | Aviation



PNEUMATIC & CORDLESS TOOLS
GLOBAL EXPANSION

AUTHENTIC POWER

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NEW PRODUCT

DS-202

Motor BRUSHLESS

CORDLESS IMPACT DRIVER

4 pieces in one carton

- 3 forward functions designed for specific applications: wood, thin iron sheets, and thick iron sheets.
- Reverse loose stop function for added convenience.
- Compact overall length of 110 mm.
- Bare tool weight of only 1.0 kg.

Chuck Size	1/4" / 6 (mm)
Bolt Capacity	M5~M12
Max. Torque	200 (ft-lb) / 270 (Nm)
No Load Speed (RPM)	0-1200 / 0-1900 / 0-2500 / 0-3200
Impact Rate (IPM)	0-1400 / 0-1800 / 0-3500 / 0-4000
Weight (bare tool)	1.0 (kg) / 2.2 (lbs)
Rating Voltage	18 (V)
Completely Charged	20 (V)
Battery	Li-ion 5.0 / 2.5 Ah





Thick iron sheet | Thin steel sheet | Wood

DS-202A[KIT]

CORDLESS IMPACT DRIVER

4 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger







13mm

DS-203

Motor BRUSHLESS

CORDLESS IMPACT DRIVER

4 pieces in one carton

- 3 forward functions (BIT): optimized for wood, thin iron sheets, and thick iron sheets.
- Reverse loose stop function for improved control.
- Compact overall length of 125 mm.
- Bare tool weight of only 1.0 kg.
- The DS-203 is compatible with a 1/2" impact socket.

Square Drive	1/2" / 12.7 (mm)
Max. Torque	F: 400 R: 430 (ft-lb) F: 540 R: 583 (Nm)
Chuck Size	1/4" / 6 (mm)
Bolt Capacity	M5~M12
Max. Torque	200 (ft-lb) / 270 (Nm)
No Load Speed (RPM)	0-1200 / 0-1900 / 0-2500 / 0-3200
Impact Rate (IPM)	0-1400 / 0-1800 / 0-3500 / 0-4000
Weight (bare tool)	1.0 (kg) / 2.2 (lbs)
Rating Voltage	18 (V)
Completely Charged	20 (V)
Battery	Li-ion 5.0 / 2.5 Ah





Thick iron sheet | Thin steel sheet | Wood

DS-203A[KIT]

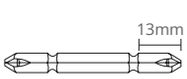
CORDLESS IMPACT DRIVER

4 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger







13mm

DDWV-104[KIT]

CORDLESS BRUSHLESS VACUUM CLEANER

1 pieces in one carton

- Automatic Stop When Full: Automatically halts operation when water reaches maximum capacity, protecting the motor.
- Switchable to Blowing Mode: Ideal for clearing debris from hard-to-reach areas.
- Extended Telescopic Hose: 3.2 meters for added reach and flexibility.
- Working Time: High Power: 20 minutes; Low Power: 35 minutes (Based on 5.0Ah battery pack).
- Shoulder Strap and Swivel Wheels: Enhances portability and ease of use.
- Capacity: Holds up to 10L of dry waste or 8L of wastewater.

Maximum Suction Power (Low Gear)	9 (kpa)
Maximum Suction Power (High Gear)	16 (kpa)
Capacity (Water)	8 (L)
Capacity (Dust)	10 (L)
Telescopic Pipe Length	3.2 (M)
Run time (Low Gear)	35 (min)
Run time (Hight Gear)	20 (min)
Weight (bare tool)	4.1 (kg) / 9.1 (lbs)
Rating voltage	18 (V)
Completely charged	20 (V)



DDWV-900F
HEPA filter



DDWV-901
4 Rotary wheels





DDWV-902
Big brush & 3 pcs plastic tubes



DDWV-903
Nozzle



DDWV-904
Soft tube



DDWV-905
Strap

NEW PRODUCT

DGS-101

CORDLESS BACKPACK SPRAYER

1 pieces in one carton

- Two-stage pressure adjustment function.
- Real-time stable atomization output ensures consistent performance.
- Carrying strap design provides lightweight and convenient usage.

Pressure	4.0 (bar) / 5.0 (bar)
Tank Capacity	12 (L)
Flow Rate	1.2 (L/min)
Weight (bare tool)	3.4 (kg) / 7.5 (lbs)
Rating Voltage	18 (V)
Completely Charged	20 (V)
Battery	Li-ion 5.0 Ah
Plastic Lance length	58 (cm)
Flexible Hose length	124 (cm)

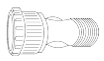


a. 1.1 L/MIL



Ø 23 x 63 mm

b. 1.7 L/MIL



Ø 27 x 50 mm

c. 1.9 L/MIL



Ø 23 x 90 mm

d. 1.2 L/MIL



Ø 23 x 71 mm

e. 1.7 L/MIL



Ø 76.5 x 65 mm

DWL-101

WORK LIGHT

2 pieces in one carton

- Battery: 5.0 Ah Li-ion
- Bulb Type: COB LED
- AC/DC Adaptor: 18V 2A
- Modes: Low / OFF / High / OFF
- Size: 250 x 140 x 300 mm
- Weight: 2400 g
- Waterproof Rating: IPX4

Max output lm and Run time	
Low mode	High mode
battery pack 1000 lm @ 6 hrs	battery pack 6000 lm @ 3 hrs
AC 900 lm	AC 3200 lm





DWL-102

WORK LIGHT

2 pieces in one carton

- Battery: 5.0 Ah Li-ion
- Bulb Type: White SMD & Warm SMD LED
- AC/DC Adaptor : 18V 2A
- Modes: Low / OFF / High / OFF
- Size : 180x145x440 mm
- Weight: 2850 g
- Waterproof Rating: IPX4

		Max output	Run time
battery pack	White	2000 lm / 7000 lm	7.5 Hrs / 2.5 Hrs
	Warm	2000 lm / 7000 lm	7.5 Hrs / 2.5 Hrs
AC	White	1000 lm / 3500 lm	---





NEW PRODUCT

NEW PRODUCT

DLB-102

CORDLESS LEAF BLOWER

2 pieces in one carton

- Two Air Ducts: Designed for easy installation and efficient airflow.
- Ergonomic Handle: Features a soft grip for enhanced comfort during use.
- Electronic Signal Switch: Provides easy and precise control.
- Versatile Applications: Suitable for lawn grooming, snow removal, and dust removal.

Air speed	45 (m/s)
Air capacity	460 (CFM)
Weight (bare tool)	2.6 (kg) / 5.7 (lbs)
Rating Voltage	18 (V)
Completely Charged	20 (V)
Battery	Li-ion 5.0 Ah



DCCS-101

CORDLESS CHAIN SAW

2 pieces in one carton

- Mechatronic Safety Trigger.
- Tool-less Adjustment: Features a double-switch safety trigger and anti-self-locking switch.
- Rubber Sleeve Design: Reduce vibration during use.
- Brushless Motor: Offers greater efficiency, durability, and performance.
- Tool-Free Chain Adjustment: Allows for quick and easy chain adjustments.
- Automatic Chain Lubrication System: Ensures smoother and more efficient cutting while extending the tool's service life.

Load Speed	9.3 (m/s)
Guard Length	10" / 254 (mm)
Cut Size	7.87" / 200 (mm)
Weight	2.7 (kg) / 6.0 (lbs)
Rating Voltage	18 (V)
Completely Charged	20 (V)
Battery	Li-ion 5.0 Ah



DHT-101

CORDLESS HEDGE TRIMMER TOOL

1 pieces in one carton

- Double-Switch Safety Trigger.
- Ergonomic design of the handle.
- Handle knob with 5 positions can be adjusted at any time to meet the user's needs.
- Maximum cutting diameter of the blade is 19 mm, blade length is 20".

No Load Speed (SPM)	1400
Blade Length	24" / 610 (mm)
Cutting Diameter	3/4" / 19 (mm)
The handle can be rotated	45° & 90°
Weight (bare tool)	2.6 (kg) / 5.7 (lbs)
Rating Voltage	18 (V)
Completely Charged	20 (V)
Battery	Li-ion 5.0 Ah



NEW PRODUCT

DST-101

CORDLESS STRING TRIMMERS

2 pieces in one carton

- 300mm cut path with 2mm dual-line bump feed.
- Adjustable Auxiliary Handle.
- Foldable pole for easier storage.

Cutting Width	300 (mm)
Line Advance System	Bump Feed
Cutting-line Type	2 (mm). Twisted nylon line
No Load Speed (RPM)	5800-7000
Weight (bare tool)	2.6 (kg) / 5.7 (lbs)
Tool length	876 (mm)
Rating Voltage	18 (V)
Completely Charged	20 (V)
Battery	Li-ion 5.0 Ah



DGM-101

CORDLESS GARDEN MULTI-HEAD TOOLS

1 pieces in one carton

- Multi-Function Quick-Change Head: Allows for versatile applications and easy tool adjustments.
- Double-Action Switch: Prevents accidental operation.
- Tool with Lifting Ring: Includes a shell installation strap for easier operation.

No Load Speed	7400 (RPM)
Cutting Brush Speed	6900 (RPM)
Grassing Speed	6900 (RPM)
High Branch Shear Speed	2400 (SPM)
Cutting Diameter	10 (mm)
Rating Voltage	36 (V): 2pcs 18V batteries
Completely Charged	40 (V): 2pcs 18V batteries
Battery	Li-ion 5.0 Ah







DGM-901
Pole saw head



DGM-902
Brush cutter head



DGM-903
Hedge trimmer head



DGM-904
String trimmer head

AD-316

TABLE DISPLAY FOR CORDLESS TOOL (2 Sets)



DC-101

18V 6A CHARGER
100~240Vac

(For DB-1850P /DB-1825)



DC-201

18V 6A CHARGER
100~240Vac

(For DB-1850P /DB-1825)



NEW PRODUCT

NC-6610Q

3/4"DRIVE AIR IMPACT WRENCH Jumbo hammer type

10 pieces in one carton





NC-488

1/2"DRIVE AIR IMPACT WRENCH Jumbo hammer type

8 pieces in one carton

Toolless: Fast and easy, select the desired angle by bare hands.
No loosening worry: Intelligent chainring design ensures the chosen angle is fixed and secured.



The Adjustable Head with Angle Lock 160°- The widest adjusting angle in the market.

Item No.	Square Drive	Bolt Capacity	Torque Range	Max Torque		No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	Inch	Inch (mm)	ft-lb (Nm)	ft-lb	Nm	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s^2	Inch
NC-488	1/2"	5/8"(16)	100-450(136-610)	500	678	9000	5.0(142)	90(6.3)	11-1/4"(284)	3.7	1.7	3/8"	93.0	4.3	1/4"
NC-6610Q	3/4"	1-1/8"(27)	150-900(203-1220)	1300	1762	7000	5.1(144)	90(6.3)	5-7/16"(138)	4.0	1.8	3/8"	85.0	3.1	1/4"

SC-9501R

1/2"Dr.Air hammer socket adaptor, round shank



SC-9502R

Air impact chisel : radius milled R9, round shank



SC-9503R

Air impact chisel : head Dia 25mm even, round shank



SC-0206R

6-Piece Air Hammer Drifts Set, Length=177mm





SC-9301R Air hammer drift punch 5.2mm, punching bag

SC-9302R Air hammer drift punch 6.5mm, punching bag

SC-9303R Air hammer drift punch 6.9mm, punching bag

SC-9304R Air hammer drift punch 7.7mm, punching bag

SC-9305R Air hammer drift punch 9.3mm, punching bag

SC-9306R Air hammer drift punch 12.3mm, punching bag

1/2"ME473M

HEX BALL DRIVE IMPACT SOCKET

M7 NO.	⬣	D2	L	⚖	📦
		mm	mm	g	
ME473M04	H4	25	78	78	---
ME473M05	H5	25	78	82	---
ME473M06	H6	25	78	86	---
ME473M07	H7	25	78	90	---
ME473M08	H8	25	78	93	---
ME473M10	H10	25	78	105	---
ME473M12	H12	25	78	118	---
ME473M14	H14	25	78	131	---
ME473M15	H15	25	78	140	---
ME473M16	H16	25	78	151	---
ME473M17	H17	25	78	161	---
ME473M18	H18	25	78	171	---
ME473M19	H19	25	78	182	---



3/4"ME673M

IMPACT HEX BALL BIT SOCKET

M7 NO.	⬣	D2	L	⚖	📦
		mm	mm	g	
ME673M14	H14	44	100	463	---
ME673M17	H17	44	100	489	---
ME673M19	H19	44	100	508	---
ME673M21	H21	44	100	540	---
ME673M22	H22	44	100	554	---
ME673M24	H24	44	100	588	---
ME673M27	H27	44	100	643	---
ME673M30	H30	44	100	701	---
ME673M32	H32	44	100	741	---



GBI-403030

1/2" Bluetooth Rechargeable Digital Torque Wrench

6 pieces in one carton Accuracy : clockwise +/- 2% counterclockwise +/- 3%

GBI-406060

1/2" Bluetooth Rechargeable Digital Torque Wrench

6 pieces in one carton Accuracy : clockwise +/- 2% counterclockwise +/- 3%

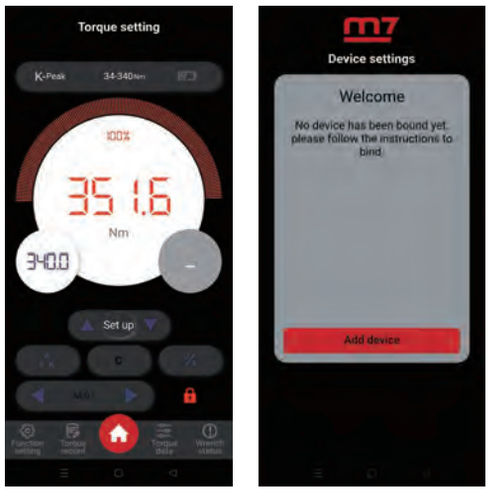
GBI-434340

1/2" Bluetooth Rechargeable Digital Torque Wrench

4 pieces in one carton Accuracy : clockwise +/- 2% counterclockwise +/- 3%

- Bluetooth app allows the transmission and assessment of torque values to be faster and more immediate.
- Interchangeable torque head for different workstations.
- Adjustable torque values for 4 types.

Apple Store Google Play



▲ Mobile app mockup



GDI-403030

1/2" Interchangeable Digital Torque Wrench

6 pieces in one carton Accuracy : clockwise +/- 2% counterclockwise +/- 3%



GDI-406060

1/2" Interchangeable Digital Torque Wrench

6 pieces in one carton Accuracy : clockwise +/- 2% counterclockwise +/- 3%



GDI-434340

1/2" Interchangeable Digital Torque Wrench

4 pieces in one carton Accuracy : clockwise +/- 2% counterclockwise +/- 3%



TI-2105025 KIT

Interchangeable Torque Wrench Tool

1 pieces in one carton

- 1pc - Torque Wrench 5~25Nm / 53.1~212.4 IN-LB
- 1pc - Open ended Insert tool: 10mm,13mm,17mm
- 1pc - Ring Insert tool: 10mm,13mm,17mm
- 1pc - 1/4"dr. 72T ratchet Insert tool



TI-4204020 KIT

Interchangeable Torque Wrench Tool

1 pieces in one carton

- 1pc - Torque Wrench 40~200Nm
- 1pc - Open ended Insert tool: 13mm,14mm,15mm,17mm,19mm,22mm,24mm,27mm,30mm
- 1pc - 1/2"dr. 72T ratchet Insert tool



Item No.	Drive	Gear	Torque Range		Indicator	Torque Adjusting	D	H	L	Weight
	Inch	T	Nm	ft-lb			mm	mm	mm	kg
GBI-403030	1/2"	72	3-30	2.22-22.13	LCD	Digital	38	40	435	1.1
GBI-406060	1/2"	72	6-60	4.4-44.3	LCD	Digital	38	40	435	1.1
GBI-434340	1/2"	72	34-340	25-250	LCD	Digital	38	40	644	1.4
GDI-403030	1/2"	72	3-30	2.22-22.13	LCD	Digital	38	40	435	1.1
GDI-406060	1/2"	72	6-60	4.4-44.3	LCD	Digital	38	40	435	1.1
GDI-434340	1/2"	72	34-340	25-250	LCD	Digital	38	40	644	1.4

NEW PRODUCT

CORDLESS TOOLS



The slide rail design can be more seamlessly integrated with the tool.

Press the button for easy disassembly and quick replacement. The button's lifespan exceeds 50,000 presses.

The lithium battery cells are sourced from a renowned manufacturer, with a charge and discharge cycle life of up to 350 times.



Equipped with a built-in BMS control system to extend battery life.

LED fuel gauge indicator.

- ● ● ● ● 80-100% Capaticy
- ● ● ● ○ 60-79% Capaticy
- ● ● ○ ○ 40-59% Capaticy
- ● ○ ○ ○ 20-39% Capaticy
- ✳ ○ ○ ○ Under 20% Capaticy
- ✳ ✳ ✳ ✳ Under Voltage protected
- ✳ ○ ✳ ○ Temperature protected

The impact-resistant Nylon+GF30 % shell enhances battery protection and has successfully passed a 1.2-meter drop test.

Compatible with all M7 DC 18V Cordless tools

The battery features protections against low voltage, overcurrent, overheating, unbalance, external shorted, and low power consumption. The terminal design by clamp reduces contact resistance and enhances tool performance.

DB-1850P
18V 5.0Ah LI-ION BATTERY

20 pieces in one carton



DB-1825
18V 2.5Ah LI-ION BATTERY

20 pieces in one carton



DC-18A
18V BATTERY CHARGER

10 pieces in one carton

18V Li-ion Battery Charger
(For DB-1825/DB-1850/DB-1850P)



DC-101 NEW
18V 6A CHARGER
100~240Vac

(For DB-1850P /DB-1825)



DC-201 NEW
18V 6A DUAL PORT
100~240Vac

(For DB-1850P /DB-1825)



SMALL . LIGHT . POWERFUL!

CORDLESS TOOLS

CORDLESS TOOLS

DW-1840
CORDLESS IMPACT WRENCH
5 pieces in one carton

- Max. torque 900 ft-lb / 1220 Nm.
- Includes 2pcs* 5.0 Ah batteries for extended usage time.
- Tool with an LED light to illuminate the working area.
- Features a braking function to prevent damage to the screwed object.

Square Drive	1/2" / 12.7 (mm)
Bolt Capacity	M6~M24
Max. Torque	900 (ft-lb) / 1220 (Nm)
No Load Speed (RPM)	0-1900
Impact Rate (IPM)	0-2200
Weight (bare tool)	3.2 (kg) / 7.0 (lbs)
Rating Voltage	18 (V)
Completely Charged	20 (V)
Battery	Li-ion 5.0 Ah



DW-18502A[KIT]
CORDLESS IMPACT WRENCH
3 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger





DW-401
Motor BRUSHLESS

CORDLESS IMPACT WRENCH
4 pieces in one carton

3 AUTO STOP MODE

- 3-speed torque selection enables users to optimize tool performance for specific applications.
- The auto-stop function automatically shuts down the tool, minimizing the risk of overdriving and material damage.
- Impact rate: 0-1,500 / 0-2,500 / 0-3,000 IPM, delivering up to 600 ft-lb of torque.

Square Drive	1/2" / 12.7 (mm)
Bolt Capacity	M16
Max. Torque	600 (ft-lb) / 813 (Nm)
No Load Speed (RPM)	0-1100 / 0-1600 / 0-2200
Impact Rate (IPM)	0-1500 / 0-2500 / 0-3000
Weight (bare tool)	1.5 (kg) / 3.3 (lbs)
Rating Voltage	18 (V)
Completely Charged	20 (V)
Battery	Li-ion 5.0 Ah



DW-401A[KIT]
CORDLESS IMPACT WRENCH
3 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger





DW-402
Motor BRUSHLESS

CORDLESS IMPACT WRENCH
3 pieces in one carton

- The BL Motor delivers a maximum torque of 1,000 ft-lbs and a breakaway torque of 1,250 ft-lbs.
- A 3-speed power selection switch (0-900 / 0-1,000 / 0-1,700 RPM & 0-1,800 / 0-2,000 / 0-2,200 IPM) provides precise fastening control.
- Features a 1/2" anvil with a friction ring for quick and easy socket changes.
- The BL Brushless Motor eliminates carbon brushes, allowing it to run cooler and more efficiently for a longer lifespan.
- The electronically controlled BL Brushless Motor optimizes battery energy usage, delivering up to 50% longer run time per charge.
- For enhanced performance, use the DB-1850P battery.

Square Drive	1/2" / 12.7 (mm)
Bolt Capacity	M10~M24
Max. Torque	1250 (ft-lb) / 1700 (Nm)
No Load Speed (RPM)	0-900 / 0-1000 / 0-1700
Impact Rate (IPM)	0-1800 / 0-2000 / 0-2200
Weight (bare tool)	3.3 (kg) / 7.3 (lbs)
Rating Voltage	18 (V)
Completely Charged	20 (V)
Battery	Li-ion 5.0 Ah



Patented
Shock Absorption Body

DW-402A[KIT]
CORDLESS IMPACT WRENCH
2 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger





DW-404

Motor BRUSHLESS

CORDLESS IMPACT WRENCH

10 pieces in one carton

- 4-speed power selection offers precise fastening control.
- Tool with a reverse loose stop mode for added convenience.
- The bare tool weighs only 1.2 kg, ensuring lightweight and easy handling.

Square Drive	1/2" / 12.7 (mm)
Bolt Capacity	M6~M16
Max. Torque	660 (ft-lb) / 900 (Nm)
No Load Speed (RPM)	0-900 / 0-1400 / 0-1800 / 0-2200
Impact Rate (IPM)	0-1150 / 0-1700 / 0-2300 / 0-2500
Overall Length	130 (mm)
Weight (bare tool)	1.2 (kg) / 2.6 (lbs)
Rating Voltage	18 (V)
Completely Charged Battery	20 (V) Li-ion 5.0 Ah



DW-404A[KIT]

CORDLESS IMPACT WRENCH

4 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger





DW-406

Motor BRUSHLESS

CORDLESS IMPACT WRENCH

8 pieces in one carton

- 3-speed power selection ensures precise fastening control.
- Features a reverse loose stop mode for added functionality.
- The bare tool weighs only 2 kg, offering a balanced and manageable design.

Square Drive	1/2" / 12.7 (mm)
Bolt Capacity	M10~M25
Max. Torque	1200 (ft-lb) / 1600 (Nm)
No Load Speed (RPM)	0-1400 / 0-1900 / 0-2400
Impact Rate (IPM)	0-1800 / 0-2000 / 0-2800
Overall Length	172 (mm)
Weight (bare tool)	2.0 (kg) / 4.4 (lbs)
Rating Voltage	18 (V)
Completely Charged Battery	20 (V) Li-ion 5.0 Ah



DW-406A[KIT]

CORDLESS IMPACT WRENCH

3 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger





DW-601

Motor BRUSHLESS

CORDLESS IMPACT WRENCH

3 pieces in one carton

- The BL Motor delivers up to 1,000 ft. lbs. of maximum torque and 1,400 ft. lbs. of breakaway torque.
- A 3-speed power selection switch (0-900 / 0-1,000 / 0-1,700 RPM & 0-1,800 / 0-2,000 / 0-2,200 IPM) provides precise fastening control.
- Features a 3/4" anvil with a friction ring for quick and easy socket changes.
- The BL Brushless Motor eliminates carbon brushes, allowing it to run cooler and more efficiently, ensuring a longer lifespan.
- The efficient BL Brushless Motor is electronically controlled to optimize battery energy use, delivering up to 50% longer run time per charge.
- For enhanced performance, use the DB-1850P battery.

Square Drive	3/4" / 19 (mm)
Bolt Capacity	M10~M27
Max. Torque	1400 (ft-lb) / 1900 (Nm)
No Load Speed (RPM)	0-900 / 0-1000 / 0-1700
Impact Rate (IPM)	0-1800 / 0-2000 / 0-2200
Weight (bare tool)	3.4 (kg) / 7.4 (lbs)
Rating Voltage	18 (V)
Completely Charged Battery	20 (V) Li-ion 5.0 Ah

1900 Nm









Patented
Shock Absorption Body

DW-601A[KIT]

CORDLESS IMPACT WRENCH

2 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger

CORDLESS TOOLS

CORDLESS TOOLS

DS-10202A
CORDLESS IMPACT DRIVER

5 pieces in one carton

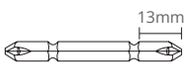
- Max Torque: 73 ft-lb / 100 Nm.
- Battery: Includes 2 pieces for extended usage time.
- LED light: Illuminates the working area for better visibility.
- Compatibility: Battery is applicable to all M7 10.8V cordless models.

Chuck Size (Hex)	1/4" / 6.35 (mm)
Bolt Capacity	M4~M12
Max. Torque	73 (ft-lb) / 100 (Nm)
No Load Speed (RPM)	0-2200
Impact Rate (IPM)	0-3000
Weight	1.0 (kg) / 2.2 (lbs)
Rating Voltage	10.8 (V)
Completely Charged	12 (V)
Battery	Li-ion 2.0 Ah









DS-201
Motor BRUSHLESS

CORDLESS IMPACT DRIVER

4 pieces in one carton

- 3-speed torque selection enables users to match the tool's performance to the application.
- The auto-stop function automatically shuts down the tool, minimizing the risk of overdriving and material damage.
- Impact rate: 0-1,200 / 0-2,350 / 0-3,300 IPM, delivering up to 150 ft. lbs. of torque.

Chuck Size (Hex)	1/4" / 6.35 (mm)
Bolt Capacity	M12
Max. Torque	150 (ft-lb) / 203 (Nm)
No Load Speed (RPM)	0-1100 / 0-1900 / 0-2800
Impact Rate (IPM)	0-1200 / 0-2350 / 0-3300
Weight (bare tool)	1.3 (kg) / 2.8 (lbs)
Rating Voltage	18 (V)
Completely Charged	20 (V)
Battery	Li-ion 5.0 Ah







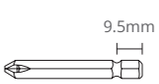
DS-201A[KIT]
CORDLESS IMPACT DRIVER

3 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger







DS-202 NEW
Motor BRUSHLESS

CORDLESS IMPACT DRIVER

4 pieces in one carton

- 3 forward functions designed for specific applications: wood, thin iron sheets, and thick iron sheets.
- Reverse loose stop function for added convenience.
- Compact overall length of 110 mm.
- Bare tool weight of only 1.0 kg.

Chuck Size (Hex)	1/4" / 6 (mm)
Bolt Capacity	M5~M12
Max. Torque	200 (ft-lb) / 270 (Nm)
No Load Speed (RPM)	0-1200 / 0-1900 / 0-2500 / 0-3200
Impact Rate (IPM)	0-1400 / 0-1800 / 0-3500 / 0-4000
Weight (bare tool)	1.0 (kg) / 2.2 (lbs)
Rating Voltage	18 (V)
Completely Charged	20 (V)
Battery	Li-ion 5.0 / 2.5 Ah





DS-202A[KIT]
CORDLESS IMPACT DRIVER

4 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger







CORDLESS TOOLS

DS-203 NEW

Motor BRUSHLESS

CORDLESS IMPACT DRIVER

4 pieces in one carton

- 3 forward functions (BIT): optimized for wood, thin iron sheets, and thick iron sheets.
- Reverse loose stop function for improved control. Compact overall length of 125 mm.
- Bare tool weight of only 1.0 kg.
- The DS-203 is compatible with a 1/2" impact socket.

Square Drive	1/2" / 12.7 (mm)
Max. Torque	F: 400 R: 430 (ft-lb) F: 540 R: 583 (Nm)
Chuck Size (Hex)	1/4" / 6 (mm)
Bolt Capacity	M5~M12
Max. Torque	200 (ft-lb) / 270 (Nm)
No Load Speed (RPM)	0-1200 / 0-1900 / 0-2500 / 0-3200
Impact Rate (IPM)	0-1400 / 0-1800 / 0-3500 / 0-4000
Weight (bare tool)	1.0 (kg) / 2.2 (lbs)
Rating Voltage	18 (V)
Completely Charged	20 (V)
Battery	Li-ion 5.0 / 2.5 Ah




Thick iron sheet


Thin steel sheet


Wood

DS-203A[KIT]

CORDLESS IMPACT DRIVER

4 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger







DD-101

Motor BRUSHLESS

CORDLESS DRILL DRIVER

3 pieces in one carton

- Impulse function is perfect for pilot drilling on glossy surfaces and removing damaged screws.
- Features a 1/2" ratcheting single-sleeve metal keyless chuck for effortless bit changes.
- LED light: Illuminates the working area for better visibility.
- Electric brake quickly halts chuck rotation for enhanced safety and efficiency.

Chuck Size	1/2" / 13 (mm)
Max. Torque	73 (ft-lb) / 90 (Nm)
Max. Drill Capacity	steel 13 / wood 60 (Nm)
No Load Speed (RPM)	0-500 / 0-2000
Torque setting	23+1+1
Weight (bare tool)	1.4 (kg) / 3.0 (lbs)
Rating Voltage	18 (V)
Completely Charged	20 (V)
Battery	Li-ion 5.0 Ah



DD-101A[KIT]

CORDLESS DRILL DRIVER

2 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger
- 1pc auxiliary handle





- Note : This tool is attached an auxiliary handle



DH-101

Motor BRUSHLESS

CORDLESS HAMMER DRILL DRIVER

3 pieces in one carton

- Impulse function is perfect for pilot drilling on glossy surfaces and removing damaged screws.
- Features a 1/2" ratcheting single-sleeve metal keyless chuck for effortless bit changes.
- LED light: Illuminates the working area for better visibility.
- The electric brake ensures rapid stopping of chuck rotation for added safety and precision.

Chuck Size	1/2" / 13 (mm)
Max. Torque	73 (ft-lb) / 90 (Nm)
Max. Drill Capacity	steel 13 / wood 50 (Nm)
No Load Speed (RPM)	0-500 / 0-2000
Torque setting	23+1
Weight (bare tool)	1.5 (kg) / 3.2 (lbs)
Rating Voltage	18 (V)
Completely Charged	20 (V)
Battery	Li-ion 5.0 Ah



DH-101A[KIT]

CORDLESS HAMMER DRILL DRIVER

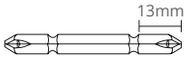
2 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger
- 1pc auxiliary handle





- Note : This tool is attached an auxiliary handle



CORDLESS TOOLS

DRH-101
CORDLESS ROTARY HAMMER

Motor BRUSHLESS

5 pieces in one carton

- Three operating modes: Drill, Impact, and Chisel.
- Rotation Stop Mode: Enhances versatility by allowing chiseling applications without rotation.
- LED light: Illuminates the working area for better visibility.
- Includes an auxiliary handle for improved control and comfort during operation.

Chuck Type	SDS Plus
Impact Energy	2.6 (J)
No Load Speed (RPM)	1150
Impact Rate (BPM)	5100
Weight (bare tool)	2.8 (kg) / 6.2 (lbs)
Rating Voltage	18 (V)
Completely Charged Battery	20 (V) Li-ion 5.0 Ah



DRH-101A[KIT]
CORDLESS ROTARY HAMMER

2 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger





DRS-101
CORDLESS RECIPROCATING SAW

Motor BRUSHLESS

3 pieces in one carton

- Blad stroke: 1-1/8" (29mm).
- LED work light with pre-light and afterglow.
- Electric brake quickly stops the blade rotation when the trigger is released.
- Bevel Gear Drive System.
- Tool-less Blade Change.

Stroke Length	1-1/8" / 29 (mm)
Strokes Per min	0-3100
Cutting Capacity	wood 200 / steel 20 (mm)
Overall Length	16-1/7" / 410 (mm)
Weight (bare tool)	2.7 (kg) / 6.0 (lbs)
Rating Voltage	18 (V)
Completely Charged Battery	20 (V) Li-ion 5.0 Ah



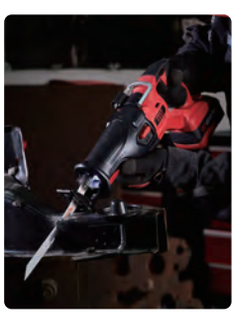




DRS-101A[KIT]
CORDLESS RECIPROCATING SAW

3 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger
- Packging: Color Box



DRS-102
CORDLESS RECIPROCATING SAW

Motor BRUSHLESS

3 pieces in one carton

- Tool-Less Shoe Adjustment: Allows for quick and easy setup, enhancing user convenience.
- LED light: Illuminates the working area for better visibility.
- Stops the blade instantly when the trigger is released, ensuring enhanced safety and control.
- Tool with a safety lock button for added operational security.

Stroke Length	25 (mm)
Strokes Per min	0-3100
Cutting Capacity	wood 160 / steel 16 (mm)
Overall Length	13-3/13" / 335 (mm)
Weight (bare tool)	1.8 (kg) / 3.9 (lbs)
Rating Voltage	18 (V)
Completely Charged Battery	20 (V) Li-ion 5.0 Ah



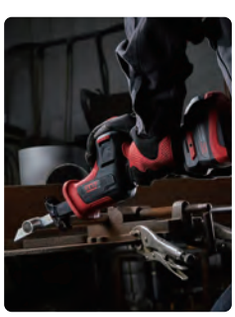




DRS-102A[KIT]
CORDLESS RECIPROCATING SAW

3 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger
- Packging: BMC



DOM-101

Motor BRUSHLESS

CORDLESS OSCILLATING MULIT-TOOL

6 pieces in one carton

- Maximum oscillations per minute: 18,000.

Minimum Oscillations	11000 (per minute)
Maximum Oscillations	18000 (per minute)
Oscillation Angle	1.8°
Tool Length	320 (mm)
Weight (bare tool)	1.0 (kg) / 2.3 (lbs)
Rating Voltage	18 (V)
Completely Charged Battery	20 (V) Li-ion 5.0 Ah





DOM-101A[KIT]

CORDLESS OSCILLATING MULIT-TOOL

3 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger



DJS-101

Motor BRUSHLESS

CORDLESS JIG SAW

3 pieces in one carton

- Variable speed trigger offers precise speed and control for various applications.
- Electric brake quickly halts blade motion for enhanced safety and efficiency.
- 4-position orbital action provides cutting versatility across a range of materials.
- Adjustable shoe bevels from 0° to 45° (left/right) for angled cuts.
- Tool-less blade change allows for quick blade swaps and supports both "T" and "U" shank jigsaw blades.
- LED light: Illuminates the working area for better visibility.

Stroke Length	25 (mm)
Strokes Per min	0-2200
Cutting Capacity	wood 2-1/2" / 63 (mm)
Cutting Capacity	steel 1/4" / 6.0 (mm)
Cutting Capacity	aluminun 3/8" / 9.53 (mm)
Overall Length	410 (mm)
Weight (bare tool)	2.7 (kg) / 5.9 (lbs)
Rating Voltage	18 (V)
Completely Charged Battery	20 (V) Li-ion 5.0 Ah





U-SHANK JIGSAW Blade

T-SHANK JIGSAW Blade

SUITABLE FOR BOTH T & U SHANK

DJS-101A[KIT]

CORDLESS JIG SAW

3 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger
- Packging: Color Box







DG-501

Motor BRUSHLESS

CORDLESS ANGLE GRINDER

6 pieces in one carton

- Tool-less adjustable guard allows for quick and convenient adjustments.
- Spindle lock enables fast and easy disc changes.
- 3-position handle provides flexibility and improved control.
- Safety trigger enhances operational safety and reduces accidental starts.
- Brushless motor delivers greater durability and extended tool life.

Pad Dia	5" / 125 (mm)
Spindle Size	M14 x P2.0
No Load Speed (RPM)	8000
Tool length	12-9/16"
Weight (bare tool)	2.2 (kg) / 4.8 (lbs)
Rating Voltage	18 (V)
Completely Charged Battery	20 (V) Li-ion 5.0 Ah



DG-501A[KIT]

CORDLESS ANGLE GRINDER

2 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger





Note : The grinding wheel is not supplied along with the tool

CORDLESS TOOLS

DG-585
CORDLESS ANGLE GRINDER
10 pieces in one carton

- Tool-less adjustable guard allows for quick and convenient adjustments.
- Spindle lock enables fast and easy disc changes.
- 2-position handle offers flexibility and enhanced control.
- Lock-on switch ensures continuous operation for prolonged tasks.

Pad Dia	5" / 125 (mm)
Spindle Size	M14 x P2.0
No Load Speed (RPM)	8000
Tool length	11-1/4"
Weight (bare tool)	2.2 (kg) / 4.8 (lbs)
Rating Voltage	18 (V)
Completely Charged Battery	20 (V) Li-ion 5.0 Ah





DG-585502A[KIT]
CORDLESS ANGLE GRINDER
2 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger
- 1pc Guard spanner
- 1pc Aux handle




Note : The grinding wheel is not supplied along with the tool

DCS-101
Motor BRUSHLESS
CORDLESS CIRCULAR SAW
2 pieces in one carton

- The heavy-duty aluminum base is engineered to be both lightweight and durable.
- Ergonomic design with soft-grip handles provides superior comfort and control.
- The electric brake ensures the blade stops quickly for enhanced safety.

Blade Arbor Size	16 (mm)
Blade Dia	7-1/4" / 185 (mm)
No Load Speed (RPM)	4500
Overall Length	13-3/8" / 340 (mm)
Bevel Capacity	0-56°
90° Cutting Capacity	2-3/8" / 60.5 (mm)
45° Cutting Capacity	1-3/4" / 46 (mm)
Weight (bare tool)	3.4 (kg) / 7.5 (lbs)
Rating Voltage	18 (V)
Completely Charged Battery	20 (V) Li-ion 5.0 Ah



DCS-101A[KIT]
CORDLESS CIRCULAR SAW
2 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger





DOS-501
CORDLESS RANDOM ORBITAL SANDER
2 pieces in one carton

- Variable speed control allows you to match speed to work piece and task at hand.
- Soft start feature ensures smooth and controlled operation.
- Soft-grip handle enhances comfort and control during use.
- Includes a 1-1/4" dust port and a 2-1/2" dust port adapter for efficient debris extraction from the work area.

Pad Dia	5" / 125 (mm)
No Load Speed (RPM)	7000-11000
Overall Length	11-13/16" / 300 (mm)
Weight (bare tool)	1.2 (kg) / 2.7 (lbs)
Orbit	3.0 (mm)
Rating Voltage	18 (V)
Completely Charged Battery	20 (V) Li-ion 5.0 Ah



DOS-501A[KIT]
CORDLESS RANDOM ORBITAL SANDER
2 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger
- Packging: Color Box





DR-102
CORDLESS RIVET GUN

Motor BRUSHLESS

10 pieces in one carton

- Maximum pulling force of 20,000 Nm.
- Compatible with rivet diameters: Ø 2.4 mm, Ø 3.2 mm, Ø 4.0 mm, Ø 4.8 mm, and Ø 6.4 mm.
- Features a rivet holding mechanism to securely hold rivets in place, preventing them from dropping out even when the tool is pointed downward.

Traction Power	4496 (lb-f) / 2040 (kg-f)
Stroke Length	27 (mm)
Capacity	2.4-6.4 (mm)
Tool Length	320 (mm)
Weight (bare tool)	1.6 (kg) / 3.6 (lbs)
Rating Voltage	18 (V)
Completely Charged	20 (V)
Battery	Li-ion 5.0 Ah



DR-102A[KIT]
CORDLESS RIVET GUN

3 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger





DGG-102
CORDLESS GREASE GUN

6 pieces in one carton

- The housing cap is compatible with DIN 1284 400g cartridges and Lube Shuttle 400g cartridges.
- Tool with a built-in relief valve, allowing overflow grease to flow back into the grease cartridge.
- Automatically prevents machine damage caused by overpressure.

Working Pressure	7000 (PSI)
Max Grease Output	94.6 (ml)
Capacity	400 (g)
Weight (bare tool)	2.4 (kg) / 5.3 (lbs)
Rating Voltage	18 (V)
Completely Charged	20 (V)
Battery	Li-ion 5.0 Ah



DGG-102A[KIT]
CORDLESS GREASE GUN

3 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger





DHG-101
CORDLESS HEAT GUN

8 pieces in one carton

- Reaches operational temperature in just 10 seconds.
- Variable speed control allows you to match speed to work piece and task at hand.
- Lock-off feature prevents accidental startups, ensuring user safety.

Airflow	200 (L/min)
Max Temperature	550 (°c)
Weight (bare tool)	0.6 (kg) / 1.4 (lbs)
Rating Voltage	18 (V)
Completely Charged	20 (V)
Battery	Li-ion 5.0 Ah



DHG-101A[KIT]
CORDLESS HEAT GUN

1 pieces in one carton

- 2pcs 5.0Ah Li-ion battery
- 1pc charger





DFL-101

CORDLESS LED FLOOD LIGHT

4 pieces in one carton

- Battery: 5.0Ah Li-ion
- Bulb Type: LED

Lumens	Runtime
180° 450 lm	18Hrs
360° - Low 550 lm	20Hrs
360° - High 850 lm	10Hrs





DWL-101 NEW

WORK LIGHT

2 pieces in one carton

- Battery: 5.0 Ah Li-ion
- Bulb Type: COB LED
- AC/DC Adaptor: 18V 2A
- Modes: Low / OFF / High / OFF
- Size: 250 x 140 x 300 mm
- Weight: 2400 g
- Waterproof Rating: IPX4

Max output lm and Run time	
Low mode	High mode
battery pack 1000 lm @ 6 hrs	battery pack 6000 lm @ 3 hrs
AC 900 lm	AC 3200 lm





DWL-102 NEW

WORK LIGHT

2 pieces in one carton

- Battery: 5.0 Ah Li-ion
- Bulb Type: White SMD & Warm SMD LED
- AC/DC Adaptor: 18V 2A
- Modes: Low / OFF / High / OFF
- Size: 180x145x440 mm
- Weight: 2850 g
- Waterproof Rating: IPX4

		Max output	Run time
battery pack	White	2000 lm / 7000 lm	7.5 Hrs / 2.5 Hrs
	Warm	2000 lm / 7000 lm	7.5 Hrs / 2.5 Hrs
AC	White	1000 lm / 3500 lm	---





DGS-101 NEW

CORDLESS BACKPACK SPRAYER

1 pieces in one carton

- Two-stage pressure adjustment function.
- Real-time stable atomization output ensures consistent performance.
- Carrying strap design provides lightweight and convenient usage.

Pressure	4.0 (bar) / 5.0 (bar)
Tank Capacity	12 (L)
Flow Rate	1.2 (L/min)
Weight (bare tool)	3.4 (kg) / 7.5 (lbs)
Rating Voltage	18 (V)
Completely Charged	20 (V)
Battery	Li-ion 5.0 Ah
Plastic Lance length	58 (cm)
Flexible Hose length	124 (cm)

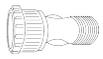


a. 1.1 L/MIL



Ø 23 x 63 mm

b. 1.7 L/MIL



Ø 27 x 50 mm

c. 1.9 L/MIL



Ø 23 x 90 mm

d. 1.2 L/MIL



Ø 23 x 71 mm

e. 1.7 L/MIL



Ø 76.5 x 65 mm

DPW-101

CORDLESS PRESSURE WASHER GUN

4 pieces in one carton

- 4-in-1 Multi-Pattern Nozzle.
- Foam Cannon.
- 4m Low-Pressure Inlet Hose.
- Easy Twist Connection for lance and nozzle.
- 2-Step Power Mode.

Flow Rate	2.8 (L/min)
Hose Length	4 (m)
Maximum Pressure	360 (PSI) / 25 (bar)
Tool Length	876 (mm)
Weight (bare tool)	1.7 (kg) / 3.7 (lbs)
Rating Voltage	18 (V)
Completely Charged	20 (V)
Battery	Li-ion 5.0 Ah





DDWV-104[KIT] NEW

CORDLESS BRUSHLESS VACUUM CLEANER

1 pieces in one carton

- Automatic Stop When Full: Automatically halts operation when water reaches maximum capacity, protecting the motor.
- Switchable to Blowing Mode: Ideal for clearing debris from hard-to-reach areas.
- Extended Telescopic Hose: 3.2 meters for added reach and flexibility.
- Working Time: High Power: 20 minutes; Low Power: 35 minutes (Based on 5.0Ah battery pack).
- Shoulder Strap and Swivel Wheels: Enhances portability and ease of use.
- Capacity: Holds up to 10L of dry waste or 8L of wastewater.

Maximum Suction Power (Low Gear)	9 (kpa)
Maximum Suction Power (High Gear)	16 (kpa)
Capacity (Water)	8 (L)
Capacity (Dust)	10 (L)
Telescopic Pipe Length	3.2 (M)
Run time (Low Gear)	35 (min)
Run time (Hight Gear)	20 (min)
Weight (bare tool)	4.1 (kg) / 9.1 (lbs)
Rating voltage	18 (V)
Completely charged	20 (V)



DDWV-900F
HEPA filter



DDWV-901
4 Rotary wheels





DDWV-902
Big brush & 3 pcs plastic tubes



DDWV-903
Nozzle



DDWV-904
Soft tube



DDWV-905
Strap

CORDLESS TOOLS

DLB-102 NEW

CORDLESS LEAF BLOWER

2 pieces in one carton

- Two Air Ducts: Designed for easy installation and efficient airflow.
- Ergonomic Handle: Features a soft grip for enhanced comfort during use.
- Electronic Signal Switch: Provides easy and precise control.
- Versatile Applications: Suitable for lawn grooming, snow removal, and dust removal.

Air speed	45 (m/s)
Air capacity	460 (CFM)
Weight (bare tool)	2.6 (kg) / 5.7 (lbs)
Rating Voltage	18 (V)
Completely Charged	20 (V)
Battery	Li-ion 5.0 Ah



DCCS-101 NEW

CORDLESS CHAIN SAW

2 pieces in one carton

- Mechatronic Safety Trigger.
- Tool-less Adjustment: Features a double-switch safety trigger and anti-self-locking switch.
- Rubber Sleeve Design: Reduce vibration during use.
- Brushless Motor: Offers greater efficiency, durability, and performance.
- Tool-Free Chain Adjustment: Allows for quick and easy chain adjustments.
- Automatic Chain Lubrication System: Ensures smoother and more efficient cutting while extending the tool's service life.

Guard Length	10" / 254 (mm)
Cut Size	7.87" / 200 (mm)
Weight (bare tool)	2.7 (kg) / 6.0 (lbs)
Rating Voltage	18 (V)
Completely Charged	20 (V)
Battery	Li-ion 5.0 Ah



DHT-101 NEW

CORDLESS HEDGE TRIMMER TOOL

1 pieces in one carton

- Double-Switch Safety Trigger.
- Ergonomic design of the handle.
- Handle knob with 5 positions can be adjusted at any time to meet the user's needs.
- Maximum cutting diameter of the blade is 19 mm, blade length is 20".

No Load Speed (SPM)	1400
Blade Length	24" / 610 (mm)
Cutting Diameter	3/4" / 19 (mm)
The handle can be rotated	45° & 90°
Weight (bare tool)	2.6 (kg) / 5.7 (lbs)
Rating Voltage	18 (V)
Completely Charged	20 (V)
Battery	Li-ion 5.0 Ah



DST-101 NEW

CORDLESS STRING TRIMMERS

2 pieces in one carton

- 300mm cut path with 2mm dual-line bump feed.
- Adjustable Auxiliary Handle.
- Foldable pole for easier storage.

Cutting Width	300 (mm)
Line Advance System	Bump Feed
Cutting-line Type	2 (mm). Twisted nylon line
No Load Speed (RPM)	5800-7000
Weight (bare tool)	3.0 (kg) / 5.7 (lbs)
Tool length	876 (mm)
Rating Voltage	18 (V)
Completely Charged Battery	20 (V) Li-ion 5.0 Ah



DGM-101 NEW

CORDLESS GARDEN MULTI-HEAD TOOLS

1 pieces in one carton

- Multi-Function Quick-Change Head: Allows for versatile applications and easy tool adjustments.
- Double-Action Switch: Prevents accidental operation.
- Tool with Lifting Ring: Includes a shell installation strap for easier operation.

No Load Speed	7400 (RPM)
Cutting Brush Speed	6900 (RPM)
Grassing Speed	6900 (RPM)
High Branch Shear Speed	2400 (SPM)
Cutting Diameter	10 (mm)
Rating Voltage	36 (V): 2pcs 18V batteries
Completely Charged Battery	40 (V): 2pcs 18V batteries Li-ion 5.0 Ah





DGM-901
Pole saw head



DGM-902
Brush cutter head



DGM-903
Hedge trimmer head



DGM-904
String trimmer head

AIR IMPACT WRENCH



NC-3210
3/8" DRIVE Twin hammer type

10 pieces in one carton



NC-3231Q
3/8" DRIVE Twin hammer type

10 pieces in one carton



NC-3410
3/8" DRIVE Rocking dog type

20 pieces in one carton



NC-3610Q
3/8" DRIVE Jumbo hammer type

10 pieces in one carton



NC-3810
3/8" DRIVE Twin dog type

20 pieces in one carton



NC-3812
3/8" DRIVE Twin dog type

10 pieces in one carton



NC-3831
3/8" DRIVE Twin dog type

10 pieces in one carton



NC-398
3/8" DRIVE Jumbo hammer type

12 pieces in one carton

- Extended handle design allows access to confined spaces.



Item No.	Square Drive	Bolt Capacity	Torque Range	Max Torque		No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	Inch	Inch (mm)	ft-lb (Nm)	ft-lb	Nm	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s²	Inch
NC-3210	3/8"	1/2"(13)	100-300(136-407)	350	474	10000	4.0(113)	90(6.3)	5-5/8"(142)	3.3	1.5	3/8"	92.1	3.6	1/4"
NC-3231Q	3/8"	1/2"(13)	200-350(271-475)	450	610	8000	4.2(129)	90(6.3)	6-5/16"(160)	2.8	1.3	3/8"	83.0	3.0	1/4"
NC-3410	3/8"	3/8"(10)	5-50(7-68)	75	102	10000	2.5(71)	90(6.3)	6-1/4"(159)	1.7	0.8	3/8"	92.1	3.6	1/4"
NC-3610Q	3/8"	1/2"(13)	100-300(136-407)	350	474	8000	4.4(124)	90(6.3)	4-9/16"(115.5)	3.3	1.5	3/8"	85.0	2.8	1/4"
NC-3810	3/8"	3/8"(10)	5-50(7-67)	75	101	11000	2.3(65)	90(6.3)	5-15/32"(139)	1.1	0.5	3/8"	91.0	3.6	1/4"
NC-3812	3/8"	M10-M12	60-120(81-162)	180	244	8000	10(283)	90(6.3)	7-31/64"(190)	2.3	1.1	3/8"	97.0	5.1	1/4"
NC-3831	3/8"	5/32"(M12)	80-120(108-162)	180	244	8000	10(283)	90(6.3)	7-9/32"(185)	2.9	1.3	3/8"	93.0	4.9	1/4"
NC-398	3/8"	9/16"(14)	50-200(68-271)	300	407	6500	4.2(119)	90(6.3)	9-3/4"(247)	3.0	1.4	3/8"	85.0	2.0	1/4"

NE-399
3/8" DRIVE Jumbo hammer type

8 pieces in one carton

- Suitable for use in confined spaces.



NE-499
1/2" DRIVE Jumbo hammer type

8 pieces in one carton

- Suitable for use in confined spaces.



NE-499N
1/2" DRIVE Jumbo hammer type

8 pieces in one carton



- 1pc - Air Angle Impact Ratchet (NE-499)
- Stubby impact sockets, 6 points :
- 9pcs - 9, 10, 11, 13, 14, 17, 19, 22, 24 mm
- 1pc - 1/4" plug

RA-111
3/8" DRIVE Twin hammer type

10 pieces in one carton



NC-4117
1/2" DRIVE Pin clutch type

8 pieces in one carton

- PIN-CLUTCH low vibration impact structure, ideal for prolonged operation on assembly lines.



NC-4130
1/2" DRIVE Pin clutch type

10 pieces in one carton

- Low-vibration impact structure, ideal for prolonged operation on assembly lines.



NC-4217
1/2" DRIVE Twin hammer type

8 pieces in one carton



NC-4210
1/2" DRIVE Twin hammer type

10 pieces in one carton



NC-4210N
1/2" DRIVE Twin hammer type

4 pieces in one carton

- Stubby impact socket, 6 points:
- 5pcs 13, 17, 19, 22, 24 mm



NC-4213
1/2" DRIVE Twin hammer type

10 pieces in one carton



NC-4223
1/2" DRIVE Twin hammer type

4 pieces in one carton

- NC-4223 is equipped
- with 2" extended anvil



Item No.	Square Drive	Bolt Capacity	Torque Range	Max Torque		No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	Inch	Inch (mm)	ft-lb (Nm)	ft-lb	Nm	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s²	Inch
NE-399	3/8"	3/8"(13)	50-130(68-176)	180	244	7500	2.45(69.4)	90(6.3)	13-3/8"(340)	4.0	1.8	3/8"	93.0	9.9	1/4"
NE-499	1/2"	9/16"(14)	50-130(68-203)	250	339	7500	2.45(69.4)	90(6.3)	13-3/8"(340)	4.0	1.8	3/8"	93.0	9.9	1/4"
RA-111	3/8"	5/16"(8)	3.7-36.9(5-50)	50	68	8500	8.5(255)	90(6.3)	8-1/4"(208)	2.2	1.0	3/8"	96.7	4.9	1/4"
NC-4117	1/2"	3/4"(18)	200-550(271-746)	700	949	7000	5.4(153)	90(6.3)	8"(205)	4.3	2.0	3/8"	90.0	2.5	1/4"
NC-4130	1/2"	5/8"(16)	180-400(244-542)	600	813	9000	4.5(127)	90(6.3)	5-9/16"(142)	3.6	1.6	3/8"	85.0	1.2	1/4"
NC-4210	1/2"	5/8"(16)	150-350(203-475)	400	542	10000	4.2(119)	90(6.3)	5-5/8"(142)	3.5	1.6	3/8"	90.6	2.8	1/4"
NC-4210N	1/2"	5/8"(16)	150-350(203-475)	400	542	10000	4.2(119)	90(6.3)	5-5/8"(142)	3.5	1.6	3/8"	90.6	2.8	1/4"
NC-4213	1/2"	5/8"(16)	180-400(244-542)	600	813	6500	4.2(119)	90(6.3)	7-3/16"(182)	6.2	2.8	3/8"	91.0	3.8	1/4"
NC-4223	1/2"	5/8"(16)	180-400(244-542)	600	813	6500	4.2(119)	90(6.3)	9-1/4"(232)	6.4	2.9	3/8"	91.0	3.8	1/4"
NC-4217	1/2"	5/8"(16)	150-320(203-434)	400	542	7000	4.2(119)	90(6.3)	7-1/4"(184)	5.6	2.5	3/8"	92.1	3.7	1/4"

AIR IMPACT WRENCH



NC-4230

1/2" DRIVE Twin hammer type

8 pieces in one carton

- Suitable for long-term, high-intensity industrial assembly.



NC-4230Q

1/2" DRIVE Twin hammer type

8 pieces in one carton

- Suitable for long-term, high-intensity industrial assembly.



NC-4240

1/2" DRIVE Twin hammer type

8 pieces in one carton

- NC-4240 is equipped with 2"
- extended anvil



NC-4232Q

1/2" DRIVE Twin hammer type

10 pieces in one carton



NC-4233Q

1/2" DRIVE Twin hammer type

8 pieces in one carton



NC-4233QH

1/2" DRIVE Twin hammer type

8 pieces in one carton

- EZ GREASE ANVIL
- For EZ grease version only



NC-4233TL

1/2" DRIVE Twin hammer type

8 pieces in one carton

- Forward operation torque is limited 50~80 Nm for vehicle tire service.
- 6 rotor-blades makes efficient starting torque.



NC-4236

1/2" DRIVE Twin hammer type

8 pieces in one carton



Item No.	Square Drive	Bolt Capacity	Torque Range	Max Torque		No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	Inch	Inch (mm)	ft-lb (Nm)	ft-lb	Nm	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s²	Inch
NC-4230	1/2"	3/4"(19)	180-500(244-678)	700	949	7500	4.5(127)	90(6.3)	6-15/32"(164)	5.5	2.5	3/8"	87.0	4.5	1/4"
NC-4230Q	1/2"	3/4"(19)	180-500(244-678)	650	881	6500	4.5(127)	90(6.3)	6-15/32"(164)	5.5	2.5	3/8"	85.0	4.5	1/4"
NC-4240	1/2"	3/4"(19)	180-500(244-678)	700	949	7500	4.5(127)	90(6.3)	8-15/32"(215)	5.7	2.6	3/8"	87.0	4.5	1/4"
NC-4232Q	1/2"	5/8"(16)	100-400(136-542)	550	746	10000	4.0(113)	90(6.3)	4-3/4"(120)	3.0	1.4	3/8"	83.0	3.7	1/4"
NC-4233Q	1/2"	3/4"(19)	200-500(271-678)	850	1152	9000	4.6(132)	90(6.3)	7-1/2"(190)	4.6	2.1	3/8"	85.0	4.4	1/4"
NC-4233QH	1/2"	3/4"(19)	200-500(271-678)	850	1152	9000	4.6(132)	90(6.3)	7-1/2"(190)	4.6	2.1	3/8"	85.0	4.4	1/4"
NC-4233TL	1/2"	3/4"(19)	37-59(50-80)	850	1152	2800	4.6(132)	90(6.3)	7-1/2"(190)	4.6	2.1	3/8"	85.0	4.4	1/4"
NC-4236	1/2"	1"(25)	200-700(271-949)	1000	1356	7500	5.5(155)	90(6.3)	6-45/64"(171)	5.7	2.6	3/8"	87.0	4.5	1/4"



NC-4236Q
1/2" DRIVE Twin hammer type

8 pieces in one carton



NC-4256
1/2" DRIVE Twin hammer type

10 pieces in one carton



NC-4256Q
1/2" DRIVE Twin hammer type

10 pieces in one carton



NC-4256Q-2
1/2" DRIVE Twin hammer type

10 pieces in one carton



NC-4255Q TOP
1/2" DRIVE Twin hammer type

8 pieces in one carton



NC-4255QH
EZ grease anvil

- EZ GREASE ANVIL
- For EZ grease version only



NC-4255QP
With protective cover inside

NC-4255PVC
Protective cover

- The NC-4255PVC protective boot can apply on NC-4255Q & NC-6255Q



NC-4265Q
1/2" DRIVE Twin hammer type

8 pieces in one carton

- NC-4256Q is equipped with 2" extended anvil



Item No.	Square Drive	Bolt Capacity	Torque Range	Max Torque		No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	Inch	Inch (mm)	ft-lb (Nm)	ft-lb	Nm	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s²	Inch
NC-4236Q	1/2"	1"(25)	200-700(271-949)	1000	1356	7500	5.5(155)	90(6.3)	6-45/64"(171)	5.7	2.6	3/8"	83.0	4.5	1/4"
NC-4256	1/2"	1"(25)	200-900(271-1220)	1100	1491	9000	5.1(144)	90(6.3)	5-9/16"(141)	4.0	1.8	3/8"	95.0	2.8	1/4"
NC-4256Q	1/2"	1"(25)	200-900(271-1220)	1000	1356	7000	5.1(144)	90(6.3)	5-9/16"(141)	4.0	1.8	3/8"	85.0	2.8	1/4"
NC-4256Q-2	1/2"	1"(25)	200-900(271-1220)	1000	1356	7000	5.1(144)	90(6.3)	7-9/16"(191)	4.2	1.9	3/8"	85.0	2.8	1/4"
NC-4255Q	1/2"	1"(25)	200-800(271-1085)	1200	1627	8500	4.8(136)	90(6.3)	7-1/32"(179)	3.7	1.7	3/8"	85.0	4.7	1/4"
NC-4255QP	1/2"	1"(25)	200-800(271-1085)	1200	1627	8500	4.8(136)	90(6.3)	7-1/32"(179)	4.0	1.8	3/8"	85.0	4.7	1/4"
NC-4255QH	1/2"	1"(25)	200-800(271-1085)	1200	1627	8500	4.8(136)	90(6.3)	7-1/32"(179)	3.7	1.7	3/8"	85.0	4.7	1/4"
NC-4265Q	1/2"	1"(25)	200-800(271-1085)	1200	1627	8500	4.8(136)	90(6.3)	9-1/32"(230.5)	3.9	1.8	3/8"	85.0	4.7	1/4"

AIR IMPACT WRENCH



NC-4258

1/2" DRIVE Twin hammer type

8 pieces in one carton

- Durable and robust with impact resistance.



NC-4277Q

1/2" DRIVE Twin hammer type

10 pieces in one carton

- Single-handed forward/reverse switch operation.



High cost-performance ratio.

NC-4299Q

1/2" DRIVE Twin hammer type

10 pieces in one carton

- Ideal for general automotive repair shops.



High cost-performance ratio.

NC-4600

1/2" DRIVE Jumbo hammer type

10 pieces in one carton

- Replaceable anvil design.



NC-4610

1/2" DRIVE Jumbo hammer type

10 pieces in one carton

- World's first mini impact wrench.



NC-4610Q

1/2" DRIVE Jumbo hammer type

10 pieces in one carton



NC-4610N

1/2" DRIVE Jumbo hammer type

4 pieces in one carton

- Stubby impact socket, 6 points:
- 5pcs 13, 17, 19, 22, 24 mm



NC-4630

1/2" DRIVE Jumbo hammer type

10 pieces in one carton



Item No.	Square Drive	Bolt Capacity	Torque Range	Max Torque		No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	Inch	Inch (mm)	ft-lb (Nm)	ft-lb	Nm	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s²	Inch
NC-4258	1/2"	5/8"(16)	150-300(203-407)	400	542	7000	4.2(119)	90(6.3)	7-1/4"(185)	5.6	2.5	3/8"	93.0	4.4	1/4"
NC-4277Q	1/2"	1"(25)	200-800(271-1088)	1150	1564	7000	4.8(136)	90(6.3)	6"(155)	4.4	2.0	3/8"	85.0	4.5	1/4"
NC-4299Q	1/2"	3/4"(19)	150-500(204-680)	800	1088	8500	4.0(113)	90(6.3)	7-1/2"(194)	4.6	2.1	3/8"	85.0	3.2	1/4"
NC-4600	1/2"	5/8"(16)	180-500(244-678)	600	813	9000	4.2(119)	90(6.3)	4"(99)	3.0	1.4	3/8"	96.0	3.7	1/4"
NC-4610	1/2"	5/8"(16)	200-350(271-475)	450	610	9000	4.4(124)	90(6.3)	4-9/16"(115.5)	3.5	1.6	3/8"	93.0	2.8	1/4"
NC-4610Q	1/2"	5/8"(16)	200-350(271-475)	400	542	9000	4.4(124)	90(6.3)	4-9/16"(115.5)	3.5	1.6	3/8"	85.0	2.8	1/4"
NC-4610N	1/2"	5/8"(16)	200-350(271-475)	450	610	9000	4.4(124)	90(6.3)	4-9/16"(115.5)	3.5	1.6	3/8"	93.0	2.8	1/4"
NC-4630	1/2"	5/8"(16)	100-400(136-542)	450	610	9000	4.4(124)	90(6.3)	3-27/32"(97)	3.3	1.5	3/8"	96.0	2.8	1/4"



NC-4630Q

1/2" DRIVE Jumbo hammer type

10 pieces in one carton



NC-4650 TOP

1/2" DRIVE Jumbo hammer type

10 pieces in one carton

104 Mini mm

650 ft-lb
900 Nm



NC-4650H

1/2" DRIVE Jumbo hammer type

10 pieces in one carton

- EZ GREASE ANVIL
- For EZ grease version only

Patent grease hole



NC-4670Q

1/2"DRIVE Jumbo hammer type

8 pieces in one carton

Composite material



SIDE TO SIDE
1.1 KG
650 ft-lb
900 Nm

NC-4811

1/2" DRIVE Twin dog type

10 pieces in one carton



NC-488 NEW

1/2"DRIVE Jumbo hammer type

8 pieces in one carton

- Toolless: Fast and easy, select the desired angle by bare hands.
- No loosening worry: Intelligent chainring design ensures the chosen angle is fixed and secured.



The Adjustable Head with Angle Lock 160°- The widest adjusting angle in the market.

NC-498

1/2" DRIVE Jumbo hammer type

12 pieces in one carton

- Extended handle design allows access to confined spaces.



400 ft-lb
542 Nm

Item No.	Square Drive	Bolt Capacity	Torque Range	Max Torque		No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	Inch	Inch (mm)	ft-lb (Nm)	ft-lb	Nm	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s²	Inch
NC-4630Q	1/2"	5/8"(16)	200-350(271-475)	450	610	9000	4.4(124)	90(6.3)	3-27/32"(97)	3.3	1.5	3/8"	85.0	2.8	1/4"
NC-4650	1/2"	5/8"(16)	180-400(244-542)	650	900	9000	4.69(132.8)	90(6.3)	4-1/16"(104)	3.3	1.4	3/8"	95.0	2.4	1/4"
NC-4650H	1/2"	5/8"(16)	180-400(244-542)	650	900	9000	4.69(132.8)	90(6.3)	4-1/16"(104)	3.3	1.4	3/8"	95.0	2.4	1/4"
NC-4670Q	1/2"	5/8"(16)	150-500(204-680)	650	884	9000	5.2(147)	90(6.3)	4"(105)	2.4	1.1	3/8"	85.0	3.3	1/4"
NC-4811	1/2"	9/16"(14)	118-140(160-189)	210	285	5500	8.5(240)	90(6.3)	10-9/32"(260)	3.7	1.7	3/8"	85.0	5.3	1/4"
NC-488	1/2"	5/8"(16)	100-450(136-610)	500	678	9000	5.0(142)	90(6.3)	11-1/4"(284)	3.7	1.7	3/8"	93.0	4.3	1/4"
NC-498	1/2"	5/8"(16)	80-300(108-407)	400	542	6500	4.2(119)	90(6.3)	9-3/4"(247)	3.0	1.4	3/8"	85.0	2.0	1/4"

AIR IMPACT WRENCH

NC-6113
3/4" DRIVE Pin clutch type

4 pieces in one carton



NC-6123
3/4" DRIVE Pin clutch type

4 pieces in one carton



NC-6201
3/4" DRIVE Twin hammer type

6 pieces in one carton



NC-6210Q
3/4" DRIVE Twin hammer type

8 pieces in one carton



NC-6215
3/4" DRIVE Twin hammer type

4 pieces in one carton



NC-6216
3/4" DRIVE New twin hammer type

4 pieces in one carton



NC-6216PVC
Protective cover



NC-6217
3/4" DRIVE Twin hammer type

4 pieces in one carton



NC-6225
3/4" DRIVE Twin hammer type

4 pieces in one carton

- NC-6225 is equipped with 6" extended anvil



NC-6226
3/4" DRIVE New twin hammer type

4 pieces in one carton

- NC-6226 is equipped with 6" extended anvil



NC-6218
3/4" DRIVE Twin hammer type

2 pieces in one carton



NC-6218-6
3/4" DRIVE Twin hammer type

2 pieces in one carton

- NC-6218-6 is equipped with 6" extended anvil



Item No.	Square Drive	Bolt Capacity	Torque Range	Max Torque		No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	Inch	Inch (mm)	ft-lb (Nm)	ft-lb	Nm	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s²	Inch
NC-6113	3/4"	1"(25)	150-600(203-814)	850	1153	4500	7.0(198)	90(6.3)	10"(252)	10.1	4.6	1/2"	94.3	7.2	1/4"
NC-6123	3/4"	1"(25)	150-600(203-814)	850	1153	4500	7.0(198)	90(6.3)	14-3/16"(360)	11.6	5.3	1/2"	94.3	7.2	1/4"
NC-6201	3/4"	1-3/16"(30)	200-1200(271-1627)	1450	1966	5700	6.4(181)	90(6.3)	8-3/4"(222)	8.1	3.7	1/2"	88.0	5.9	3/8"
NC-6210Q	3/4"	3/4"(19)	180-600(244-810)	700	949	6500	4.5(127)	90(6.3)	6-45/64"(170)	5.6	2.6	3/8"	85.0	4.5	3/8"
NC-6215	3/4"	1"(25)	180-600(244-810)	900	1220	6500	7.0(198)	90(6.3)	9-7/32"(234)	10.0	4.5	1/2"	91.5	10.8	1/4"
NC-6225	3/4"	1"(25)	180-600(244-810)	900	1220	6500	7.0(198)	90(6.3)	13-3/4"(350)	10.8	4.9	1/2"	91.5	10.8	1/4"
NC-6216	3/4"	1-1/16"(27)	200-1000(271-1356)	1200	1627	6000	6.0(170)	90(6.3)	9-1/4"(235)	9.0	4.1	1/2"	91.2	5.0	3/8"
NC-6226	3/4"	1-1/16"(27)	200-1000(271-1356)	1200	1627	6000	6.0(170)	90(6.3)	13-3/4"(350)	9.9	4.5	1/2"	91.2	5.0	3/8"
NC-6217	3/4"	1-1/4"(30)	200-1300(271-1762)	1400	1898	4800	5.4(153)	90(6.3)	8-15/32"(215)	11.0	5.0	1/2"	92.0	6.1	3/8"
NC-6218	3/4"	1-1/16"(27)	200-1400(271-1898)	1500	2034	6000	6.3(182)	90(6.3)	12-9/16"(320)	12.5	5.7	1/2"	106.0	3.3	3/8"
NC-6218-6	3/4"	1-1/16"(27)	200-1400(271-1898)	1500	2034	6000	6.3(182)	90(6.3)	18-1/2"(470)	6.1	13.4	1/2"	106.0	3.3	3/8"

NC-6233Q
3/4" DRIVE Twin hammer type

6 pieces in one carton

Composite material
2.3 KG



Exhaust

High cost-performance ratio.

NC-6236
3/4" DRIVE Twin hammer type

8 pieces in one carton



Exhaust

NC-6236Q
3/4" DRIVE Twin hammer type

8 pieces in one carton



Exhaust

NC-6255Q
3/4" DRIVE Twin hammer type

8 pieces in one carton

Composite material
1.9 KG
1400 ft-lb
1898 Nm



Exhaust

High cost-performance ratio.

NC-6255QH
3/4" DRIVE Twin hammer type

8 pieces in one carton

Patent grease hole
For EZ grease version only

Composite material



Exhaust

NC-6256Q
3/4" DRIVE Twin hammer type

6 pieces in one carton



Exhaust

1200 ft-lb
1627 Nm
SUPER mini

NC-6266
3/4" DRIVE Twin hammer type

4 pieces in one carton

· Authentic standard 3/4" model.

Composite material
3.0 KG
1500 ft-lb
2034 Nm



Exhaust

High cost-performance ratio.

NC-6266-6
3/4" DRIVE Twin hammer type

4 pieces in one carton

. NC-6266-6 is equipped with 6" extended anvil

Composite material



Exhaust

NC-6266H
3/4" DRIVE Twin hammer type

6 pieces in one carton

Patent grease hole
For EZ grease version only

Composite material



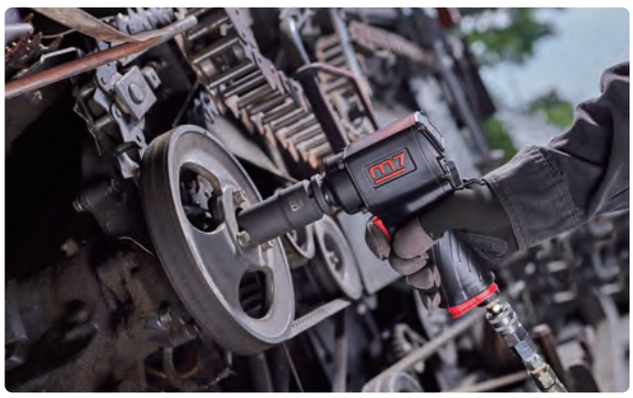
Exhaust

NC-6610Q NEW
3/4"DRIVE Jumbo hammer type

10 pieces in one carton



Exhaust



Item No.	Square Drive	Bolt Capacity	Torque Range	Max Torque		No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	Inch	Inch (mm)	ft-lb (Nm)	ft-lb	Nm	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s²	Inch
NC-6233Q	3/4"	15/16"(24)	150-1000(204-1360)	1300	1768	8500	4.6(130)	90(6.3)	7-3/4"(199)	5.1	2.3	3/8"	85.0	4.8	1/4"
NC-6236	3/4"	1"(25)	200-900(271-1220)	1200	1627	7500	5.5(155)	90(6.3)	6-45/64"(171)	5.9	2.7	3/8"	87.0	4.5	1/4"
NC-6236Q	3/4"	1"(25)	200-900(271-1220)	1200	1627	7500	5.5(155)	90(6.3)	6-45/64"(171)	5.9	2.7	3/8"	83.0	4.5	1/4"
NC-6255Q	3/4"	1"(25)	200-1100(271-1491)	1400	1898	8500	4.8(136)	90(6.3)	7-13/16"(198)	4.2	1.9	3/8"	85.0	4.7	1/4"
NC-6255QH	3/4"	1"(25)	200-1100(271-1491)	1400	1898	8500	4.8(136)	90(6.3)	7-13/16"(198)	4.2	1.9	3/8"	85.0	4.7	1/4"
NC-6256Q	3/4"	7/8"(23)	150-900(271-1220)	1200	1627	7000	5.1(144)	90(6.3)	5-11/16"(145)	4.2	1.9	3/8"	85.0	2.8	1/4"
NC-6266	3/4"	1-1/4"(30)	200-1300(271-1760)	1500	2034	6000	5.9(169)	90(6.3)	8-1/16"(205)	6.5	3.0	1/2"	88.0	5.9	3/8"
NC-6266-6	3/4"	1-1/4"(30)	200-1300(271-1760)	1500	2034	6000	5.9(167)	90(6.3)	14-9/16"(370)	7.9	3.6	3/8"	88.0	5.9	3/8"
NC-6266H	3/4"	1-1/4"(30)	200-1600(271-1760)	1500	2034	6000	5.9(169)	90(6.3)	8-1/16"(205)	6.5	3.0	1/2"	88.0	5.9	3/8"
NC-6610Q	3/4"	1-1/8"(27)	150-900(203-1220)	1300	1762	7000	5.1(144)	90(6.3)	5-7/16"(138)	4.0	1.8	3/8"	85.0	3.1	1/4"

AIR IMPACT WRENCH

NC-8211
1" DRIVE Twin hammer type

1 pieces in one carton



NC-8212
1" DRIVE Twin hammer type

4 pieces in one carton

Composite material



NC-8216
1" DRIVE Twin hammer type

2 pieces in one carton



NC-8217
1" DRIVE Twin hammer type

4 pieces in one carton



NC-8221
1" DRIVE Twin hammer type

1 pieces in one carton

· NC-8221 is equipped with 6" extended anvil



NC-8219
1" DRIVE New twin hammer type

2 pieces in one carton



NC-8226
1" DRIVE Twin hammer type

2 pieces in one carton

· NC-8226 is equipped with 6" extended anvil



NC-8226Q
1" DRIVE Twin hammer type

2 pieces in one carton



NC-8232
1" DRIVE New twin hammer type

1 pieces in one carton



NC-8237
1" DRIVE Twin hammer type

4 pieces in one carton

· Ideal for prolonged use on assembly lines.



NC-8237-6
1" DRIVE Twin hammer type

4 pieces in one carton

· NC-8237-6 is equipped with 6" extended anvil



NC-8242
1" DRIVE Twin hammer type

2 pieces in one carton



Item No.	Square Drive	Bolt Capacity	Torque Range	Max Torque		No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	Inch	Inch (mm)	ft-lb (Nm)	ft-lb	Nm	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s²	Inch
NC-8211	1"	1-3/8"(33)	200-1600(271-2170)	1800	2441	5000	10.0(284)	90(6.3)	14-9/16"(370)	22.2	10.1	1/2"	100	10.0	1/2"
NC-8212	1"	1-1/16"(27)	200-1000(271-1356)	1300	1762	6000	6.0(170)	90(6.3)	9-1/4"(235)	9.6	4.4	1/2"	91.2	5.0	3/8"
NC-8216	1"	1-3/8"(33)	200-1600(271-2170)	1800	2441	6000	9.0(254)	90(6.3)	13-1/2"(343)	15.5	7.0	1/2"	102	9.3	1/2"
NC-8217	1"	1-1/4"(30)	200-1300(271-1762)	1500	2034	4800	5.4(153)	90(6.3)	8-3/4"(222)	11.0	5.0	1/2"	92.0	6.1	3/8"
NC-8219	1"	1-7/16"(36)	200-1600(271-2170)	1800	2441	4000	11.0(311)	90(6.3)	12-13/32"(315)	21.6	9.8	1/2"	103.4	16.7	1/2"
NC-8221	1"	1-3/8"(33)	200-1600(271-2170)	1800	2441	5000	10.0(284)	90(6.3)	20-7/8"(530)	25.2	11.5	1/2"	100	10.0	1/2"
NC-8226	1"	1-3/8"(33)	200-1600(271-2170)	1800	2441	6000	9.0(254)	90(6.3)	19-3/16"(487)	18.4	8.4	1/2"	102	9.3	1/2"
NC-8226Q	1"	1-3/8"(33)	200-1600(271-2170)	1800	2441	6000	9.0(254)	90(6.3)	19-3/16"(487)	18.4	8.4	1/2"	90	9.3	1/2"
NC-8232	1"	1-7/16"(36)	200-1600(271-2170)	1800	2441	4000	11.0(311)	90(6.3)	20-13/32"(518)	24.8	11.3	1/2"	102	11.5	1/2"
NC-8237	1"	1-3/8"(33)	200-1500(271-2034)	1800	2441	4500	5.4(153)	90(6.3)	8-3/4"(222)	12.8	5.7	1/2"	92.0	6.1	3/8"
NC-8237-6	1"	1-3/8"(33)	200-1500(271-2034)	1800	2441	4500	5.4(153)	90(6.3)	15-9/16"(395)	14.3	6.5	1/2"	92.0	6.1	3/8"
NC-8242	1"	1-9/16"(40)	200-2000(271-2710)	2500	3390	5000	15.9(450)	90(6.3)	14-17/32"(370)	23.1	10.5	1/2"	100.0	6.4	1/2"

NC-8252

1" DRIVE Twin hammer type

1 pieces in one carton



NC-8262

1" DRIVE Twin hammer type

1 pieces in one carton

- NC-8262 is equipped with 6" extended anvil



NC-8260

1" DRIVE Twin hammer type

6 pieces in one carton



High cost-performance ratio.

NC-8260-6

1" DRIVE Twin hammer type

6 pieces in one carton

- NC-8260-6 is equipped with 6" extended anvil



NC-8242-8

1" DRIVE Twin hammer type

1 pieces in one carton

- NC-8242-8 is equipped with 8" extended anvil



NC-8266P

1" DRIVE Twin hammer type

2 pieces in one carton



NC-8266P-6

1" DRIVE Twin hammer type

2 pieces in one carton

- NC-8266P-6 is equipped with 6" extended anvil



NC-8266S

1" DRIVE Twin hammer type

2 pieces in one carton



NC-8266S-6

1" DRIVE Twin hammer type

2 pieces in one carton

- NC-8266S-6 is equipped with 6" extended anvil



NC-8266S-8

1" DRIVE Twin hammer type

2 pieces in one carton

- NC-8266S-8 is equipped with 8" extended anvil



NC-8311

1" DRIVE Pin less type

2 pieces in one carton

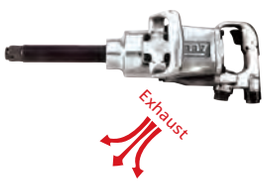


NC-8351

1" DRIVE Pin less type

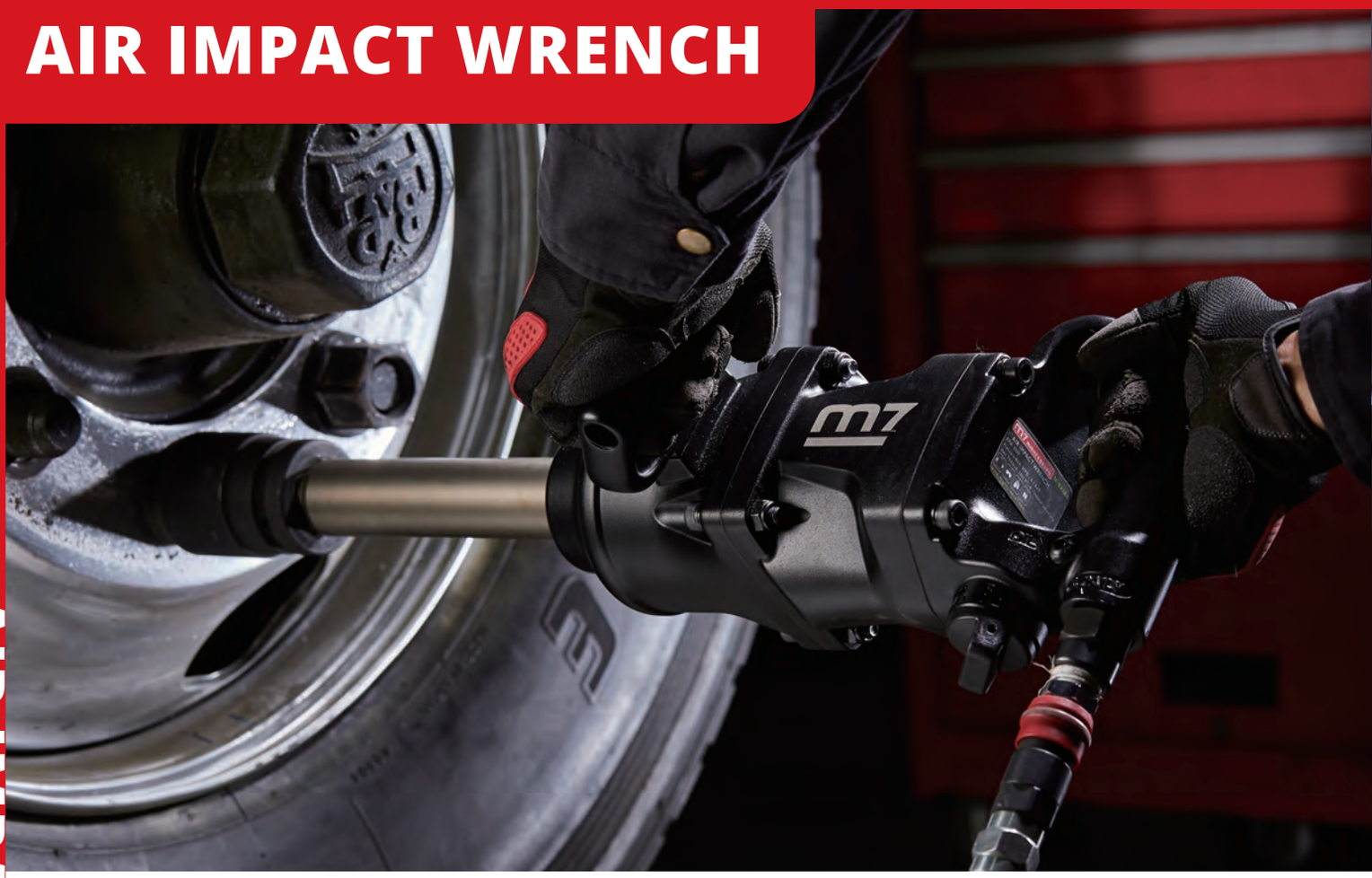
2 pieces in one carton

- NC-8351 is equipped with 6" extended anvil



Item No.	Square Drive	Bolt Capacity	Torque Range	Max Torque		No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	Inch	Inch (mm)	ft-lb (Nm)	ft-lb	Nm	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s²	Inch
NC-8242-8	1"	1-9/16"(40)	200-2000(271-2710)	2500	3390	5000	15.9(450)	90(6.3)	22-15/32"(570)	26.2	11.9	1/2"	100.0	6.4	1/2"
NC-8252	1"	1-7/16"(36)	200-2000(271-2710)	2400	3250	4000	10.0(284)	90(6.3)	15-3/8"(390)	26.6	12.1	1/2"	100.0	10.0	1/2"
NC-8262	1"	1-7/16"(36)	200-2000(271-2710)	2500	3390	3700	11.0(284)	90(6.3)	17-7/8"(155)	35.2	16.0	1/2"	93.9	8.8	1/2"
NC-8260	1"	1-1/4"(32)	200-1600(271-2169)	1750	2372	6000	7.5(212)	90(6.3)	8-1/2"(218)	6.8	3.1	1/2"	87.0	5.9	3/8"
NC-8260-6	1"	1-1/4"(32)	200-1600(271-2169)	1750	2372	6000	7.5(212)	90(6.3)	14"(355)	9.0	4.1	1/2"	87.0	5.9	3/8"
NC-8266P	1"	1-3/8"(35)	200-2000(271-2711)	2300	3118	4500	9.0(255)	90(6.3)	10"(256)	13.0	5.9	1/2"	92.0	6.1	1/2"
NC-8266P-6	1"	1-3/8"(35)	200-2000(271-2711)	2300	3118	4500	9.0(255)	90(6.3)	16"(408)	13.9	6.3	1/2"	92.0	6.1	1/2"
NC-8266S	1"	1-3/8"(35)	200-1800(271-2440)	2300	3118	4500	7.5(212)	90(6.3)	16-7/8"(430)	13.2	6.0	1/2"	92	6.1	1/2"
NC-8266S-6	1"	1-3/8"(35)	200-1800(271-2440)	2300	3118	4500	7.5(212)	90(6.3)	22-3/4"(580)	15.8	7.3	1/2"	92	6.1	1/2"
NC-8266S-8	1"	1-3/8"(35)	200-1800(271-2440)	2300	3118	4500	7.5(212)	90(6.3)	24-3/4"(630)	16.3	7.4	1/2"	92	6.1	1/2"
NC-8311	1"	1-3/8"(33)	200-1600(271-2170)	1800	2441	4000	11.5(325)	90(6.3)	15"(380)	24.0	10.9	1/2"	101	7.3	1/2"
NC-8351	1"	1-3/8"(33)	200-1600(271-2170)	1800	2441	4000	11.5(325)	90(6.3)	20"(510)	27.6	12.6	1/2"	101	7.3	1/2"

AIR IMPACT WRENCH



NC-8322

1" DRIVE Pin less type

1 pieces in one carton

Exhaust



NC-8342

1" DRIVE Pin less type

1 pieces in one carton

- NC-8342 is equipped with 8" extended anvil

Exhaust



NC-8331

1" DRIVE Pin less type

2 pieces in one carton

Exhaust



High cost-performance ratio.

NC-8331-6

1" DRIVE Pin less type

2 pieces in one carton

- NC-8331-6 is equipped with 6" extended anvil

Exhaust



NC-8332X

1" DRIVE Pin less type

2 pieces in one carton

Exhaust



NC-8332X-6

1" DRIVE Pin less type

2 pieces in one carton

- NC-8332X-6 is equipped with 6" extended anvil

Exhaust



NC-8343 TOP

1" DRIVE Pin less type

1 pieces in one carton

Exhaust



High cost-performance ratio.

NC-8343-8

1" DRIVE Pin less type

1 pieces in one carton

- NC-8343-8 is equipped with 8" extended anvil

Exhaust





NC-8362
1" DRIVE Pin less type

1 pieces in one carton



NC-8372
1" DRIVE Pin less type

1 pieces in one carton

- NC-8372 is equipped with 6" extended anvil



NC-8382
1" DRIVE Pin less type

2 pieces in one carton



NC-8382-8
1" DRIVE Pin less type

1 pieces in one carton

- NC-8382-8 is equipped with 8" extended anvil



NC-9223
1-1/2" DRIVE New twin hammer type

1 pieces in one carton



NC-9243
1-1/2" DRIVE New twin hammer type

1 pieces in one carton

- NC-9243 is equipped with 8" extended anvil



Item No.	Square Drive	Bolt Capacity	Torque Range	Max Torque		No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	Inch	Inch (mm)	ft-lb (Nm)	ft-lb	Nm	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s²	Inch
NC-8322	1"	1-7/16"(36)	200-2000(271-2710)	2500	3390	3300	11.0(311)	90(6.3)	17-5/16"(440)	34.2	15.5	1/2"	93.9	8.8	1/2"
NC-8342	1"	1-7/16"(36)	200-2000(271-2710)	2500	3390	3300	11.0(311)	90(6.3)	24-3/8"(619)	38.0	17.3	1/2"	93.9	8.8	1/2"
NC-8331	1"	1-3/8"(35)	200-2000(271-2711)	2000	2711	4800	9.0(255)	90(6.3)	13-1/2"(346)	16.5	7.5	1/2"	107	10.5	1/2"
NC-8331-6	1"	1-3/8"(35)	200-2000(271-2711)	2000	2711	4800	9.0(255)	90(6.3)	18-1/2"(473)	18.5	8.4	1/2"	107	10.5	1/2"
NC-8332X	1"	1-3/8"(25)	200-2000(271-2710)	2500	3390	4000	8.0(226.5)	90(6.3)	14-11/16"(372.6)	20.7	9.4	3/8"	103.8	8.22	1/2"
NC-8332X-6	1"	1-3/8"(25)	200-2000(271-2710)	2500	3390	4000	8.0(226.5)	90(6.3)	14-11/16"(372.6)	23.3	10.0	3/8"	103.8	8.22	1/2"
NC-8343	1"	1-3/8"(33)	200-1600(271-2170)	1800	2441	3900	11.5(325)	90(6.3)	15"(381)	27.7	12.5	1/2"	103	6.3	1/2"
NC-8343-8	1"	1-3/8"(33)	200-1600(271-2170)	1800	2441	3900	11.5(325)	90(6.3)	23"(590)	30.6	13.9	1/2"	103	6.3	1/2"
NC-8362	1"	1-7/16"(36)	200-2000(271-2710)	2500	3390	3700	11.0(284)	90(6.3)	17-7/8"(455)	35.2	16.0	1/2"	93.9	8.8	1/2"
NC-8372	1"	1-7/16"(36)	200-2000(271-2710)	2500	3390	3700	11.0(284)	90(6.3)	24-7/32"(615)	38.7	17.6	1/2"	93.9	8.8	1/2"
NC-8382	1"	1-9/16"(40)	200-2000(271-2710)	2500	3390	5000	15.9(450)	90(6.3)	14-17/32"(370)	22.0	11.0	1/2"	100.0	6.4	1/2"
NC-8382-8	1"	1-9/16"(40)	200-2000(271-2710)	2500	3390	5000	15.9(450)	90(6.3)	22-15/32"(570)	27.5	12.5	1/2"	100.0	6.4	1/2"
NC-9223	1-1/2"	2"(50)	200-3000(271-4065)	3500	4746	3000	16.0(453)	90(6.3)	17-3/4"(450)	43.2	19.7	3/4"	104.52	8.86	1/2"
NC-9243	1-1/2"	2"(50)	200-3000(271-4065)	3500	4746	3000	16.0(453)	90(6.3)	24-1/4"(616)	50.2	22.8	3/4"	104.52	8.86	1/2"

AIR IMPACT WRENCH

NC-0415-KIT

1/2" DRIVE

5 pieces in one carton



Contents 15 pcs

- 1pc - 1/2" Air Impact Wrench
- 10pcs - Impact sockets, 6 points, standard length 9, 10, 11, 13, 14, 17, 19, 22, 24, 27 mm
- 1pc - Extension bar 5"
- 1pc - Allen Key : 4mm
- 1pc - Mini Oiler 1/4" female x 1/4" male
- 1pc - 1/4" plug



NC-0415M3
NC-4277



NC-0415M4
NC-4213



NC-0415M6
NC-4217



NC-0415M9
NC-4256Q

NC-0425-KIT

1/2" DRIVE

5 pieces in one carton



Contents 15 pcs

- 1pc - 1/2" Air Impact Wrench
- 10pcs - Impact sockets, 6 points, standard length 9, 10, 11, 13, 14, 17, 19, 22, 24, 27 mm
- 1pc - Extension bar 5"
- 1pc - Allen Key : 4mm
- 1pc - Mini Oiler 1/4" female x 1/4" male
- 1pc - 1/4" plug



NC-0425M3
NC-4258



NC-0425M4
NC-4230



NC-0425M5
NC-4233



NC-0425M6
NC-4255Q

NC-0615-KIT

3/4" DRIVE

2 pieces in one carton



Contents 15 pcs

- 1pc - 3/4" Air Impact Wrench
- 8pcs - Impact sockets, 6 points, standard length 26, 27, 29, 30, 32, 35, 36, 38 mm
- 1pc - Extension bar 7"
- 1pc - Universal Joint
- 2pcs - Allen Key : 4mm, 5mm
- 1pc - Mini Oiler 1/4" - 6113,6215 , 3/8" - 6216
- 1pc - 1/4" plug - 6113, 6215, 3/8" plug - 6216
- 1pc - O-Ring&Pin



NC-0615M0
NC-6113



NC-0615M1
NC-6216



NC-0615M2
NC-6215

NC-4232Q-KIT

1/2" DRIVE

5 pieces in one carton



Contents 11 pcs

- 1pc -1/2" Air Impact Wrench
- 7pcs - Impact sockets, MA411M13, 17, 19, 21, 22, 24, 27
- 1pc - 5" Extension bar
- 1pc - Mini Lubricator SW-12
- 1pc - 1/4" plug

NC-4233Q-KIT

1/2" DRIVE

5 pieces in one carton



Contents 11 pcs

- 1pc - Air Impact Wrench
- 5pcs - Impact sockets MA411M13, 17, 19, 21, 22, 24, 27
- 1pc - 5" Extension bar
- 1pc - Mini Lubricator SW-12
- 1pc - 1/4" plug

NC-4255Q-KIT

1/2" DRIVE

5 pieces in one carton



Contents 11 pcs

- 1pc - 1/2'' Air Impact Wrench
- 7pcs - Impact sockets, MA411M13, 17, 19, 21, 22, 24, 27
- 1pc - 5 " Extension bar
- 1pc - Mini Lubricator SW-12
- 1pc - 1/4" plug

NC-4255QH-KIT

1/2" DRIVE

5 pieces in one carton



Contents 13 pcs

- 1pc - 1/2'' Air Impact Wrench
- 7pcs - Impact sockets, MA411M13L, 17L, 19L, 21L, 22L, 24L, 27L
- 1pc - 5 " Extension bar
- 1pc - Mini Lubricator SW-12
- 1pc - 1/4" plug
- 1pc - Grease
- 1pc - Syringe







NC-4255Q-41-KIT
1/2" DRIVE

2 pieces in one carton

Contents 41 pcs

- 1pc - Torque wrench : 42-210 Nm (TE-442210N)
- 3pcs - Thin wall impact socket : 17, 19, 21 mm
- 13pcs - Impact deep socket : 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 mm
- 16pcs - impact socket : 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32 mm
- 1pc - Air impact wrench : Max torque 1627 Nm / 1200 FT-LB (NC-4255Q)
- 2pcs - Extension bar : 75 mm, 125 mm (ME421-05 / ME421-03)
- 1pc - Universal joint : 1/2" drive (ME4711)
- 1pc - Air blow gun : 250 mm (JC-410)
- 1pc - Mini lubricator : 1/4" drive (SW-12)
- 2pcs - Air adapter : 1/4" plug



Can be customized

NC-4650-KIT
1/2" DRIVE

5 pieces in one carton

Contents 11 pcs

- 1pc - 1/2 Air Impact Wrench
- 7pcs - Impact sockets,MA411M13, 17, 19, 21, 22, 24, 27
- 1pc - 5" Extension bar
- 1pc - Mini Lubricator SW-12
- 1pc - 1/4" plug



NC-4600-KIT
NC-4600-14-KIT
1/2" DRIVE

6 pieces in one carton

Contents 13 pcs

- 1pc - Air Impact Wrench
- 2pcs - Square Head Drive : 3/8" & 1/2"
- 1pc - Lubricating Oil
- 1pc - Release Pin
- 4pcs - Impact Socket : 13, 17, 19, 21 mm
- 1pc - Impact Extension Bar : 14 mm
- 2pcs - Bit Holder : 8 mm & 10 mm
- 1pc - 12 mm Hex Bit
- 1pc - T60 Torx



NC-6236-KIT
NC-6236Q-KIT
3/4" DRIVE

5 pieces in one carton

Contents 11 pcs

- 1pc - 3/4" Air Impact Wrench
- 7pcs - Impact sockets,MA611M24, 27, 30, 32, 33, 34, 36
- 1pc - Extension bar
- 1pc - Mini Lubricator SW-12
- 1pc - 1/4" plug



NC-6255Q-KIT
3/4" DRIVE

2 pieces in one carton

Contents 11 pcs

- 1pc - 3/4" Air Impact Wrench
- 7pcs - Impact sockets, MA611M24, 27, 30, 32, 33, 34, 36
- 1pc - Extension bar
- 1pc - Mini Lubricator SW-12
- 1pcs - 1/4" plug



AIR RATCHET WRENCH

NE-251
1/4" DRIVE

20 pieces in one carton



NE-351
3/8" DRIVE

20 pieces in one carton



NE-451
1/2" DRIVE

20 pieces in one carton



NE-251R
1/4" DRIVE

20 pieces in one carton



Rubber handle

NE-351R
3/8" DRIVE

20 pieces in one carton



Rubber handle

NE-451R
1/2" DRIVE

20 pieces in one carton



Rubber handle

NE-261
1/4" DRIVE

20 pieces in one carton



NE-361
3/8" DRIVE

20 pieces in one carton



NE-2803
1/4" DRIVE

20 pieces in one carton

· Push-trigger design.



NE-3803
3/8" DRIVE

20 pieces in one carton

· Push-trigger design.



NE-321
3/8" DRIVE

10 pieces in one carton



NE-421
1/2" DRIVE

10 pieces in one carton



Item No.	Square Drive	Torque Range	Max Torque		No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	Inch	ft-lb (Nm)	ft-lb	Nm	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s²	Inch
NE-251	1/4"	5-15(6.7-20)	22	30	350	3.0(84.96)	90(6.3)	5"(125)	1.1	0.5	3/8"	89.0	4.4	1/4"
NE-351	3/8"	5-15(6.7-20)	22	30	350	3.0(84.96)	90(6.3)	5"(125)	1.1	0.5	3/8"	89.0	4.4	1/4"
NE-451	1/2"	5-20(6.7-27)	25	33.9	350	3.0(84.96)	90(6.3)	5"(125)	1.1	0.5	3/8"	89.0	4.4	1/4"
NE-251R	1/4"	5-15(6.7-20)	22	30	350	3.0(84.96)	90(6.3)	5"(125)	1.1	0.5	3/8"	89.0	4.4	1/4"
NE-351R	3/8"	5-15(6.7-20)	22	30	350	3.0(84.96)	90(6.3)	5"(125)	1.1	0.5	3/8"	89.0	4.4	1/4"
NE-451R	1/2"	5-20(6.7-27)	25	33.9	350	3.0(84.96)	90(6.3)	5"(125)	1.1	0.5	3/8"	89.0	4.4	1/4"
NE-261	1/4"	10-35(13.5-47)	37	50	230	4.0(130)	90(6.3)	6-5/16"(160)	1.1	0.5	3/8"	88.0	3.0	1/4"
NE-361	3/8"	10-35(13.5-47)	37	50	230	4.0(130)	90(6.3)	6-5/16"(160)	1.1	0.5	3/8"	88.0	3.0	1/4"
NE-2803	1/4"	5-15(7-20)	35	47.6	300	3.6(102)	90(6.3)	8-1/2"(220)	1.4	0.6	3/8"	92.8	3.2	1/4"
NE-3803	3/8"	5-30(7-40)	35	47.6	300	3.6(102)	90(6.3)	8-1/2"(220)	1.4	0.6	3/8"	92.0	3.2	1/4"
NE-321	3/8"	10-35(13.5-47)	50	68	160	4.0(113.28)	90(6.3)	10-3/8"(265)	2.3	1.0	3/8"	91.0	3.9	1/4"
NE-421	1/2"	10-35(13.5-47)	50	68	160	4.0(113.28)	90(6.3)	10-3/8"(265)	2.3	1.0	3/8"	92.8	4.6	1/4"

NE-2900
1/4" DRIVE NO KICK!!

20 pieces in one carton

- No force is generated when used.
- Extremely small body that can be grasped with one hand.
- Compact size allows for greater access to tight spaces.
- Lightweight design reduces fatigue.
- Features an impact mechanism; tool remains steady after tightening.



NE-3900
3/8" DRIVE NO KICK!!

20 pieces in one carton



NE-3901
3/8" DRIVE NO KICK!!

20 pieces in one carton

- Features an impact mechanism; tool remains steady after tightening.



NE-4901
1/2" DRIVE NO KICK!!

20 pieces in one carton

- Features an impact mechanism; tool remains steady after tightening.



NE-2905
1/4" DRIVE

20 pieces in one carton

- Suitable for use in confined spaces.
- Usable as a manual ratchet wrench.



NE-3310
3/8" DRIVE

6 pieces in one carton

- Suitable for use in confined spaces.
- Usable as a manual ratchet wrench.



NE-4310
1/2" DRIVE

6 pieces in one carton

- Suitable for use in confined spaces.
- Usable as a manual ratchet wrench.



NE-3305
3/8" DRIVE

10 pieces in one carton



NE-4305
1/2" DRIVE

10 pieces in one carton





Item No.	Square Drive	Torque Range	Max Torque		No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	Inch	ft-lb (Nm)	ft-lb	Nm	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s²	Inch
NE-2900	1/4"	5-35(7.0-47.0)	40	54	1000	3.4(96)	90(6.3)	6-1/4"(160)	1.4	0.7	3/8"	80.0	2.3	1/4"
NE-3900	3/8"	5-35(7.0-47.0)	40	54	1000	3.4(96)	90(6.3)	6-1/4"(160)	1.4	0.7	3/8"	80.0	2.3	1/4"
NE-3901	3/8"	5-35(6.78-47.5)	40	54.2	1100	3.1(88)	90(6.3)	6-1/4"(159)	1.3	0.6	3/8"	89.0	2.2	1/4"
NE-4901	1/2"	10-40(13.5-54)	50	68	1100	3.0(85)	90(6.3)	6-1/4"(159)	1.5	0.7	3/8"	89.0	2.0	1/4"
NE-2905	1/4"	5-15(7-20)	22	30	300	3.0(85)	90(6.3)	11-1/2"(290)	1.9	0.8	3/8"	89.0	4.4	1/4"
NE-3310	3/8"	15-55(20-75)	70	95	160	4.0(113)	90(6.3)	20-7/8"(530)	3.9	1.8	3/8"	82	1.2	1/4"
NE-4310	1/2"	15-55(20-75)	70	95	160	4.0(113)	90(6.3)	20-7/8"(530)	3.9	1.8	3/8"	82	1.2	1/4"
NE-3305	3/8"	15-55(20-75)	70	95	160	5(142)	90(6.3)	15-3/8"(390)	3.5	1.6	3/8"	82	1.2	1/4"
NE-4305	1/2"	15-55(20-75)	70	95	160	5(142)	90(6.3)	15-3/8"(390)	3.5	1.6	3/8"	82	1.2	1/4"

AIR RATCHET WRENCH

NE-332
3/8" DRIVE

10 pieces in one carton



NE-432
1/2" DRIVE

10 pieces in one carton



NE-332T
3/8" DRIVE

10 pieces in one carton

· Two step trigger.



NE-432T
1/2" DRIVE

10 pieces in one carton

· Two step trigger.



NE-343
3/8" DRIVE

10 pieces in one carton



NE-443
1/2" DRIVE

10 pieces in one carton



NE-352
3/8" DRIVE 2 in 1

20 pieces in one carton



NE-362
3/8" DRIVE 2 in 1

20 pieces in one carton



NE-3808
3/8" DRIVE

10 pieces in one carton

· Push-trigger design.



NE-4808
1/2" DRIVE

10 pieces in one carton

· Push-trigger design.



NE-383
3/8" DRIVE

10 pieces in one carton

· Two step trigger.



Stylized grip

NE-483
1/2" DRIVE

10 pieces in one carton

· Two step trigger.



Stylized grip

Item No.	Square Drive	Torque Range	Max Torque		No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	Inch	ft-lb (Nm)	ft-lb	Nm	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s²	Inch
NE-332	3/8"	10-45(13.5-61)	60	81	160	4.0(113.28)	90(6.3)	10-3/8"(265)	3.6	1.2	3/8"	90.5	4.4	1/4"
NE-432	1/2"	10-45(13.5-61)	60	81	160	4.0(113.28)	90(6.3)	10-3/8"(265)	3.6	1.2	3/8"	89.8	5.2	1/4"
NE-332T	3/8"	10-45(13.5-61)	60	81	160	4.0(113.28)	90(6.3)	10-3/8"(265)	3.6	1.2	3/8"	90.5	4.4	1/4"
NE-432T	1/2"	10-45(13.5-61)	60	81	160	4.0(113.28)	90(6.3)	10-3/8"(265)	3.6	1.2	3/8"	89.8	5.2	1/4"
NE-343	3/8"	10-55(13.5-74)	75	101.7	160	4.0(113.28)	90(6.3)	11"(280)	2.8	1.3	3/8"	84.0	4.4	1/4"
NE-443	1/2"	10-55(13.5-74)	100	135.6	160	4.0(113.28)	90(6.3)	11"(280)	2.8	1.3	3/8"	84.0	4.4	1/4"
NE-352	3/8"	5-15(6.7-20)	22	30	350	3.0(84.96)	90(6.3)	5"(125)	1.1	0.5	3/8"	89.0	4.4	1/4"
NE-362	3/8"	10-35(13.5-47)	37	50	230	4.6(130)	90(6.3)	6-5/16"(160)	1.1	0.5	3/8"	89.0	3.0	1/4"
NE-3808	3/8"	10-55(13.5-74)	80	108.8	180	4.0(113)	90(6.3)	12"(300)	2.8	1.3	3/8"	95.0	3.6	1/4"
NE-4808	1/2"	10-55(13.5-74)	80	108.8	180	4.0(113.28)	90(6.3)	12"(280)	2.8	1.3	3/8"	95.0	3.6	1/4"
NE-383	3/8"	15-65(13.5-88)	100	135.6	250	5.0(141)	90(6.3)	10-29/32"(277)	2.8	1.3	3/8"	85	2.0	1/4"
NE-483	1/2"	15-65(13.5-88)	100	135.6	250	5.0(141)	90(6.3)	10-29/32"(277)	2.8	1.3	3/8"	85	2.0	1/4"



NE-462
1/2" DRIVE Pin clutch type — NO KICK!!

10 pieces in one carton



NE-462T
1/2" DRIVE Pin clutch type — NO KICK!!

10 pieces in one carton

· Two step trigger.



Stylized grip

NE-4815
1/2" DRIVE

10 pieces in one carton

· 360° Swivel exhaust.



150 FT-LB
204 Nm

NE-488
1/2" DRIVE

12 pieces in one carton



Item No.	Square Drive	Torque Range	Max Torque		No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	Inch	ft-lb (Nm)	ft-lb	Nm	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s²	Inch
NE-462	1/2"	10-55(13.5-74)	74	100	200	4.0(113.28)	90(6.3)	13"(330)	4.1	1.9	3/8"	84.0	2.5	1/4"
NE-462T	1/2"	10-65(13.5-88)	100	135.6	200	5.0(141)	90(6.3)	13-13/32"(340)	4.0	1.8	3/8"	85.0	2.2	1/4"
NE-4815	1/2"	40-120(54-163)	150	204	170	4.8(136)	90(6.3)	12-1/4"(313)	3.4	1.5	3/8"	93	2.5	1/4"
NE-488	1/2"	10-40(13.5-54)	60	81	150	4.5(127.4)	90(6.3)	10-13/16"(275)	3.2	1.5	3/8"	85.0	3.9	1/4"

NE-0357
3/8" DRIVE

10 pieces in one carton

- 1pc - Air Ratchet Wrench (NE-352)
- 7pcs - 1/4" Dr. socket : 4, 5, 6, 7, 8, 9, 10 mm
- 6pcs - 3/8" Dr. socket : 11, 12, 13, 14, 15, 17 mm
- 40pcs - 1/4" Bits
- 1pc - 3/8" Extension Bar
- 1pc - 1/4" Hex Size shank driver
- 1pc - Plug

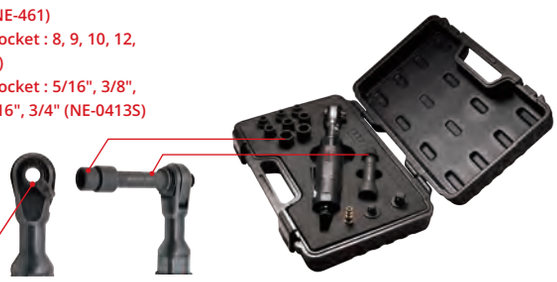


NE-0413 KIT
NE-0413S KIT
1/2" DRIVE

6 pieces in one carton



- 1pc - Air Ratchet Wrench (NE-461)
- 8pcs - 3/4" Hex Thru-hole socket : 8, 9, 10, 12, 13, 14, 17, 19 mm (NE-0413)
- 8pcs - 3/4" Hex Thru-hole socket : 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" (NE-0413S)
- 1pc - 3" Extension Bar
- 2pcs - 1/2" 3/8" Adapter
- 1pc - Plug



Item No.	Square Drive	Bolt Capacity	Torque Range	Max Torque		No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	Inch	Inch (mm)	ft-lb (Nm)	ft-lb	Nm	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s²	Inch
NE-352	3/8"	9/16"(14)	5-15(6.7-20)	22	30	350	3.0(84.96)	90(6.3)	5"(125)	1.1	0.5	3/8"	89.0	4.4	1/4"
NE-461	1/2"	9/16"(14)	10-65(13.5-88)	100	135	180	4.0(113)	90(6.3)	10-3/8"(270)	2.6	1.2	3/8"	83.0	2.3	1/4"

AIR RATCHET WRENCH



NE-0405 KIT

1/2" DRIVE 5 IN 1 MULTIPLE TOOL KIT

5 pieces in one carton

- 1pc - NE-9004
- 1pc - QA-9120
- 1pc - QA-9620
- 1pc - QB-9903
- 1pc - QE-2132



60 FT-LB / 81 Nm



- Ratchet NE-9004 1pc



- Air drill QE-2132 1pc



- Angle Grinder QB-9903





- Die Grinder QA-9120



- Angle Die Grinder QA-9620

Item No.	Cylinder Power	Chuck Capacity	No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight	Air Hose	Sound Pressure	Air Inlet
	hp(w)	Inch (mm)	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	kg	Inch	dBA	Inch
NE-9004	0.5(372)	1/2"(13)	150	5	90(6.3)	287	1.5	3/8"	82	1/4"
QA-9120	0.5(372)	1/4" & 1/8"(6 & 3)	20000	5	90(6.3)	202	0.7	3/8"	82	1/4"
QA-9620	0.5(372)	1/4" & 1/8"(6 & 3)	14000	5	90(6.3)	208	0.9	3/8"	82	1/4"
QB-9903	0.5(372)	PAD DIA 3"(76)	14000	5	90(6.3)	211	1.0	3/8"	82	1/4"
QE-2132	0.5(372)	3/8"(10)	2500	5	90(6.3)	248	1.1	3/8"	82	1/4"

AIR DIE GRINDER

QA-101 A/B

AIR DIE GRINDER

20 pieces in one carton

Mighty Mini
119 mm



Exhaust

QA-110 A/B

AIR DIE GRINDER

20 pieces in one carton

Stylized grip



Exhaust

QA-111 A/B TOP

AIR DIE GRINDER

20 pieces in one carton



Exhaust

QA-116 A/B

AIR DIE GRINDER

10 pieces in one carton

13-9/16"(345mm)



Stylized grip

Exhaust

QA-1211 A/B

AIR DIE GRINDER Safety lever type throttle

20 pieces in one carton

- Designed for continuous, long-term factory use.



Exhaust

QA-1221 A/B

AIR DIE GRINDER Safety lever type throttle

20 pieces in one carton

- Designed for continuous, long-term factory use.



Exhaust

QA-2211 A/B

AIR DIE GRINDER Safety lever type throttle

20 pieces in one carton

- Designed for continuous, long-term factory use.



Exhaust

QA-2221 A/B

AIR DIE GRINDER Safety lever type throttle

20 pieces in one carton

- Designed for continuous, long-term factory use.



Exhaust

Item No.	Collet Size	Collet Size	No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	A mm	*B* inch	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS	kg	Inch	dBA	m/s²	Inch
QA-101	6 & 3	1/4" & 1/8"	25000	6.3(178)	90(6.3)	4-11/16"(119)	0.3	0.7	0.3	3/8"	80.0	1.4	1/4"
QA-110	6 & 3	1/4" & 1/8"	22000	5.0(141)	90(6.3)	7-5/16"(186)	0.5	1.4	0.6	3/8"	85.0	1.1	1/4"
QA-111	6 & 3	1/4" & 1/8"	25000	10.0(283)	90(6.3)	6"(155)	0.3	0.8	0.4	3/8"	81.5	1.8	1/4"
QA-116	6 & 3	1/4" & 1/8"	22000	5.0(141)	90(6.3)	13-9/16"(345)	0.5	2.5	1.2	3/8"	85.0	1.8	1/4"
QA-1211	3	1/8"	25000	14	90(6.3)	7-11/16"(196)	0.4	1.1	0.5	3/8"	68	0.9	1/4"
QA-1221	6	1/4"	25000	14	90(6.3)	7-11/16"(196)	0.4	1.1	0.5	3/8"	68	0.9	1/4"
QA-2211	3	1/8"	20000	14	90(6.3)	8-7/16"(215)	0.6	1.6	0.7	3/8"	75	0.9	1/4"
QA-2221	6	1/4"	20000	14	90(6.3)	8-7/16"(215)	0.6	1.6	0.7	3/8"	75	0.9	1/4"

AIR DIE GRINDER

QA-131 A/B

AIR DIE GRINDER Roll type throttle

20 pieces in one carton

- Designed for continuous, long-term factory use.



QA-141 A/B

AIR DIE GRINDER

20 pieces in one carton

- Designed for continuous, long-term factory use.
- QA-141-Roll type throttle.



QA-141L A/B

AIR DIE GRINDER

20 pieces in one carton

- Designed for continuous, long-term factory use.
- QA-141L-Lever type throttle.



QA-143 A/B

AIR DIE GRINDER Roll type throttle

12 pieces in one carton

- Designed for continuous, long-term factory use.



QA-151 A/B

AIR DIE GRINDER Roll type throttle

20 pieces in one carton

- Designed for continuous, long-term factory use.



QA-163 A/B

AIR DIE GRINDER

12 pieces in one carton

- Designed for continuous, long-term factory use.
- QA-163-Roll type throttle.



QA-163L A/B

AIR DIE GRINDER

12 pieces in one carton

- Designed for continuous, long-term factory use.
- QA-163L-Lever type throttle.



QA-1710 A/B

EXTENDED AIR DIE GRINDER

10 pieces in one carton





Item No.	Collet Size	Collet Size	No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	A mm	*B* inch	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS	kg	Inch	dBA	m/s²	Inch
QA-131	3	1/8"	30000	14.0(396)	90(6.3)	6-11/16"(170)	0.4	1.3	0.6	3/8"	75.0	2.5	1/4"
QA-141	6	1/4"	24000	14.0(396)	90(6.3)	6-11/16"(170)	0.4	1.3	0.6	3/8"	75.0	2.5	1/4"
QA-141L	6	1/4"	24000	14.0(396)	90(6.3)	6-11/16"(170)	0.4	1.3	0.6	3/8"	75.0	2.5	1/4"
QA-143	6	1/4"	24000	14.0(396)	90(6.3)	11-11/16"(296)	0.4	2.0	0.9	3/8"	75.0	2.5	1/4"
QA-151	6	1/4"	18000	12.2(345)	90(6.3)	7"(177)	0.9	1.8	0.8	3/8"	75.0	2.1	1/4"
QA-163	6	1/4"	16000	5.0(141)	90(6.3)	12"(305)	0.9	2.7	1.3	3/8"	90.0	2.8	1/4"
QA-163L	6	1/4"	16000	5.0(141)	90(6.3)	13-25/32"(350)	0.9	2.9	1.3	3/8"	90.0	2.8	1/4"
QA-1710	6	1/4"	18000	5.0(141)	90(6.3)	18-5/16"(465)	0.4	2.4	1.1	3/8"	80.0	1.5	1/4"

QA-210 A/B
AIR DIE GRINDER

20 pieces in one carton



QA-211 A/B TOP
AIR DIE GRINDER

20 pieces in one carton



QA-231Q A/B
AIR DIE GRINDER

20 pieces in one carton



QA-241 A/B
AIR DIE GRINDER

20 pieces in one carton



QA-311 A/B
AIR DIE GRINDER

10 pieces in one carton



QA-313 A/B
AIR DIE GRINDER

10 pieces in one carton



QA-315 A/B
AIR DIE GRINDER

10 pieces in one carton



QA-611 A/B
90°AIR ANGLE DIE GRINDER

20 pieces in one carton



QA-6205 A/B
EXTENDED 90°AIR ANGLE DIE GRINDER

Safety lever type throttle

20 pieces in one carton

· Suitable for use in confined spaces.



Item No.	Collet Size	Collet Size	No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	A mm	*B* inch	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS	kg	Inch	dBA	m/s²	Inch
QA-210	6	1/4"	20000	10.0(283)	90(6.3)	7-1/2"(190)	0.9	1.4	0.7	3/8"	75.7	0.8	1/4"
QA-211	6 & 3	1/4" & 1/8"	20000	10.0(283)	90(6.3)	7-1/2"(190)	0.9	1.4	0.7	3/8"	75.7	0.8	1/4"
QA-231Q	6 & 3	1/4" & 1/8"	20000	14.8(420)	90(6.3)	5-29/32"(150)	0.45	0.8	0.4	3/8"	80.0	>2.5	1/4"
QA-241	6 & 3	1/4" & 1/8"	4000	10.6(283)	90(6.3)	8-5/8"(220)	0.5	1.6	0.8	3/8"	75.0	0.87	1/4"
QA-311	6 & 3	1/4" & 1/8"	25000	10.0(283)	90(6.3)	7-1/2"(190)	0.3	1.0	0.5	3/8"	81.5	1.8	1/4"
QA-313	6 & 3	1/4" & 1/8"	25000	10.0(283)	90(6.3)	9-1/4"(235)	0.5	1.2	0.6	3/8"	81.5	1.8	1/4"
QA-315	6 & 3	1/4" & 1/8"	25000	10.0(283)	90(6.3)	11"(280)	0.3	1.4	0.6	3/8"	81.5	1.8	1/4"
QA-611	6 & 3	1/4" & 1/8"	19000	10.0(283)	90(6.3)	6-1/8"(160)	0.3	1.1	0.5	3/8"	74.4	1.7	1/4"
QA-6205	6	1/4"	14500	3.5	90(6.3)	12-1/8"(308)	0.5	2.1	1.0	3/8"	85.0	1.8	1/4"

AIR DIE GRINDER

QA-632Q A/B
97°AIR ANGLE DIE GRINDER

20 pieces in one carton



QA-633Q A/B
97°AIR ANGLE DIE GRINDER

20 pieces in one carton



QA-681 A/B
AIR ANGLE DIE GRINDER

10 pieces in one carton



QA-688 A/B
AIR DIE GRINDER FLEX-HEAD

10 pieces in one carton

- Flexible head for accessing hard-to-reach areas.
- Small tool for spot sanding and finishing applications.
- Ideal for automotive aftermarket and light industry.





Item No.	Collet Size	Collet Size	No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	A mm	*B* inch	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS	kg	Inch	dBA	m/s²	Inch
QA-632Q	6 & 3	1/4" & 1/8"	22000	12.3(350)	90(6.3)	7"(177)	0.4	1.1	0.5	3/8"	75.0	2.5	1/4"
QA-633Q	6 & 3	1/4" & 1/8"	15000	17.2(490)	90(6.3)	7-1/8"(180)	0.6	1.5	0.7	3/8"	78	2.5	1/4"
QA-681	6 & 3	1/4" & 1/8"	20000	5.0(141)	90(6.3)	7-11/16"(195)	0.5	1.8	0.8	3/8"	85.0	1.8	1/4"
QA-688	6 & 3	1/4" & 1/8"	20000	10(283)	90(6.3)	7"(178)	0.3	1.4	0.7	3/8"	80.0	1.1	1/4"

QA-0115 A/B
QA-0215 A/B
AIR DIE GRINDER 15PCS KIT

10 pieces in one carton

- 1pc - Air Die Grinder (QA-111 / QA-211)
- 1pc - Collet (3 mm or 1/8")
- 2pcs - Spanner Wrench
- 5pcs - Grinder Stone (3 mm or 1/8")
- 5pcs - Shank Stone (6 mm or 1/4")
- 1pc - Plug (adapter)



QA-0207 A/B
AIR DIE GRINDER 7PCS KIT

10 pieces in one carton

- 1pc - Air Die Grinder (QA-210)
- 5pcs - Shank stone (6mm or 1/4")
- 1pc - Plug (adapter)



QA-0615 A/B
AIR DIE GRINDER 15PCS KIT

10 pieces in one carton

- 1pc - Air Die Grinder(QA-611)
- 1pc - Collet (3 mm or 1/8")
- 2pcs - Spanner Wrench
- 5pcs - Grinder Stone (3 mm or 1/8")
- 5pcs - Shank Stone (6 mm or 1/4")
- 1pc - Plug (adapter)




QA-111


QA-211


QA-210


QA-611

MICRO AIR DIE GRINDER

QA-441 A/B
MICRO AIR DIE GRINDER
A : 3 mm B : 1/8″

20 pieces in one carton



QA-412 A/B
MICRO AIR DIE GRINDER
A : 3 mm B : 1/8″

20 pieces in one carton



QA-421 A/B
MICRO AIR DIE GRINDER
A : 3 mm B : 1/8″

20 pieces in one carton



QA-431 A/B
MICRO AIR DIE GRINDER
A : 3 mm B : 1/8″

10 pieces in one carton



QA-432 A/B
MICRO AIR DIE GRINDER
A : 3 mm B : 1/8″

20 pieces in one carton



QA-4507 A/B
MICRO AIR DIE GRINDER
A : 6 mm B : 1/4″

10 pieces in one carton



High cost-performance ratio.

QA-511
ENGRAVING PEN

20 pieces in one carton





Item No.	Collet Size	Collet Size	No Load Speed	Blow Per Minute	Avg. Air Consumption	Air Pressure	Overall Length	Hose Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	A mm	*B* inch	R.P.M	bpm	CFM (L/min)	PSI (bar)	Inch (mm)	mm	LBS	kg	Inch	dBA	m/s²	Inch
QA-441	3	1/8″	60000	---	2.0(56)	90(6.3)	5-5/16″(135)	1500	0.4	0.2	3/8″	71.0	1.0	1/4″
QA-412	3	1/8″	60000	---	2.7(76)	90(6.3)	6-3/4″(170)	1500	0.5	0.2	3/8″	70.0	0.5	1/4″
QA-421	3	1/8″	60000	---	2.7(76)	90(6.3)	6″(150)	1500	0.5	0.2	3/8″	70.0	0.5	1/4″
QA-431	3	1/8″	54000	---	2.0(56)	90(6.3)	5-3/8″(137)	1425	0.4	0.2	3/8″	70.0	0.5	1/4″
QA-432	3	1/8″	70000	---	1.0(29)	90(6.3)	5-3/8″(137)	1425	0.4	0.2	3/8″	70.0	0.5	1/4″
QA-4507	6	1/4″	32000	---	4.0(113)	90(6.3)	14-11/32″(364)	1500	0.9	0.4	3/8″	85.0	1.2	1/4″
QA-511	---	---	---	13000	1.0(29)	90(6.3)	5-1/2″(140)	1420	0.5	0.2	3/8″	78.0	0.6	1/4″

AIR ANGLE GRINDER

- **Note : The grinding wheel is not supplied along with the tool.**

QB-1004

Roll type throttle

6 pieces in one carton



QB-104X

Roll type throttle

10 pieces in one carton



QB-105X

Roll type throttle

10 pieces in one carton



QB-114X

Roll type throttle

10 pieces in one carton



QB-115X

Roll type throttle

10 pieces in one carton



QB-117

Roll type throttle

6 pieces in one carton



QB-124

Roll type throttle

10 pieces in one carton



QB-125

Roll type throttle

10 pieces in one carton



QB-134X

Roll type throttle

10 pieces in one carton



QB-135X

Roll type throttle

10 pieces in one carton



QB-154X

Roll type throttle

10 pieces in one carton



QB-155X

Roll type throttle

10 pieces in one carton



Item No.	Pad Dia / Arbor Size	Spindle Size	No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch(mm)		R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS	kg	Inch	dBA	m/s²	Inch
QB-1004	4"(100x16)	M8x1.25	13500	4.9(138)	90(6.3)	7-3/32"(215)	0.6	2.6	1.2	3/8"	85.0	2.5	1/4"
QB-104X	4"(100x16)	3/8"-24	11000	6.0(170)	90(6.3)	8-7/8"(226)	0.78	4.0	1.8	3/8"	87.8	1.2	1/4"
QB-105X	5"(125x22)	5/8"-11	11000	6.0(170)	90(6.3)	8-7/8"(226)	0.78	4.0	1.8	3/8"	87.1	1.2	1/4"
QB-114X	4"(100x16)	3/8"-24	11000	6.0(170)	90(6.3)	9"(230)	0.78	4.0	1.8	3/8"	87.8	1.2	1/4"
QB-115X	5"(125x22)	5/8"-11	11000	6.0(170)	90(6.3)	9"(230)	0.78	4.0	1.8	3/8"	87.1	1.2	1/4"
QB-117	7"(178x22)	M14xP2.0	7000	9.0(255)	90(6.3)	13-1/2"(343)	1.0	7.1	3.2	1/2"	89.7	1.0	1/4"
QB-124	4"(100x16)	3/8"-24	11000	6.0(170)	90(6.3)	9"(230)	0.78	3.8	1.7	3/8"	85.7	3.0	1/4"
QB-125	5"(125x22)	5/8"-11	11000	6.0(170)	90(6.3)	9"(230)	0.78	3.9	1.8	3/8"	87.0	5.9	1/4"
QB-134X	4"(100x16)	M10xP1.5	11000	6.0(170)	90(6.3)	9"(230)	0.78	4.0	1.8	3/8"	89.0	1.2	1/4"
QB-135X	5"(125x22)	M14xP2.0	11000	6.0(170)	90(6.3)	9"(230)	0.78	4.0	1.8	3/8"	89.0	1.2	1/4"
QB-154X	4"(100x16)	3/8"-24	11000	6.0(170)	90(6.3)	9"(230)	0.78	3.8	1.7	3/8"	89.0	1.2	1/4"
QB-155X	5"(125x22)	5/8"-11	11000	6.0(170)	90(6.3)	9"(230)	0.78	3.8	1.7	3/8"	89.0	1.2	1/4"

- **Note : The grinding wheel is not supplied along with the tool.**

QB-144X

Roll type throttle

10 pieces in one carton



QB-145X

Roll type throttle

10 pieces in one carton



QB-164X

Roll type throttle

10 pieces in one carton



QB-165X

Roll type throttle

10 pieces in one carton



QB-177

Roll type throttle

6 pieces in one carton



QB-179

AIR VERTICAL GRINDER

Lever type throttle

4 pieces in one carton



QB-185

AIR VERTICAL GRINDER

Lever type throttle

4 pieces in one carton



QB-187

AIR VERTICAL GRINDER

Lever type throttle

4 pieces in one carton



QB-192

Roll type throttle

10 pieces in one carton



QB-192L

Lever type throttle

10 pieces in one carton



QB-193

Roll type throttle

10 pieces in one carton



QB-193L

Lever type throttle

10 pieces in one carton



Item No.	Pad Dia / Arbor Size	Spindle Size	No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch(mm)		R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS	kg	Inch	dBA	m/s²	Inch
QB-144X	4"(100x16)	M10xP1.5	11000	6.0(170)	90(6.3)	8-7/8"(225)	0.78	4.0	1.8	3/8"	89.0	1.2	1/4"
QB-145X	5"(125x22)	M14xP2.0	11000	6.0(170)	90(6.3)	8-7/8"(225)	0.78	4.0	1.8	3/8"	89.0	1.2	1/4"
QB-164X	4"(100x16)	3/8"-24	11000	6.0(170)	90(6.3)	8-7/8"(225)	0.78	4.0	1.8	3/8"	89.0	1.2	1/4"
QB-165X	5"(125x22)	5/8"-11	11000	6.0(170)	90(6.3)	8-7/8"(225)	0.78	4.0	1.8	3/8"	89.0	1.2	1/4"
QB-177	7"(178x22)	5/8"-11	7600	6.0(170)	90(6.3)	11-13/16"(300)	2.0	7.2	3.3	3/8"	92.0	2.7	1/4"
QB-179	9"(230x22)	5/8"-11	6000	7.0(198)	90(6.3)	11"(279)	3.8	13.2	6.0	3/4"	86.0	2.1	1/2"
QB-185	5"(125x22)	5/8"-11	12000	6.0(170)	90(6.3)	9-9/64"(232)	1.4	6.2	2.8	1/2"	86.0	2.1	1/4"
QB-187	7"(178x22)	5/8"-11	7000	6.0(170)	90(6.3)	9-23/32"(247)	2.0	8.8	4.0	1/2"	86.0	2.1	1/4"
QB-192	2"(50)	1/4"-28	15000	5.3(150)	90(6.3)	8-7/8"(226)	0.36	1.3	0.6	3/8"	81.0	2	3/8"
QB-192L	2"(50)	1/4"-28	15000	5.3(150)	90(6.3)	7-1/2"(190)	0.36	1.6	0.7	3/8"	81.0	2	3/8"
QB-193	3"(75)	M8	13500	5.8(164)	90(6.3)	7-1/8"(180)	0.44	2.4	1.1	3/8"	85.0	2.5	3/8"
QB-193L	3"(75)	M8	13500	5.8(164)	90(6.3)	7-3/4"(197)	0.44	2.4	1.1	3/8"	85.0	2.5	3/8"

AIR ANGLE GRINDER

- **Note : The grinding wheel is not supplied along with the tool.**

QB-194

Roll type throttle

10 pieces in one carton



QB-194L

Lever type throttle

6 pieces in one carton



QB-194CN

Roll type throttle

9 pieces in one carton



QB-195-85

Roll type throttle

10 pieces in one carton



QB-195-120

Roll type throttle

10 pieces in one carton



QB-195L-85

Lever type throttle

6 pieces in one carton



QB-195L-120

Lever type throttle

6 pieces in one carton



QB-195CN

Roll type throttle

9 pieces in one carton



QB-197Q

Lever type throttle

6 pieces in one carton



QB-199 S/M

Lever type throttle

4 pieces in one carton



QB-623

2" AIR ANGLE GRINDER

Lever type throttle

10 pieces in one carton



Item No.	Pad Dia / Arbor Size	Spindle Size	No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch(mm)		R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS	kg	Inch	dBA	m/s²	Inch
QB-194	4"(100x16)	M8x1.25	12000	4.9(138)	90(6.3)	8-15/32"(215)	0.9	4.2	1.9	3/8"	91.0	2.6	3/8"
QB-194L	4"(100x16)	M8x1.25	12000	4.9(138)	90(6.3)	10-23/32"(272)	0.9	4.6	2.1	3/8"	89.0	2.5	3/8"
QB-194CN	4"(100x16)	M8x1.25	13500	4.8(136)	90(6.3)	8-15/64"(210)	0.8	4.2	1.9	3/8"	92.0	2.8	3/8"
QB-195-85	5"(125x22)	1/2"-13	8500	4.9(138)	90(6.3)	8-15/16"(227)	1.5	5.3	2.4	3/8"	91	2.1	3/8"
QB-195-120	5"(125x22)	1/2"-13	12000	5.1(144)	90(6.3)	8-15/16"(227)	1.4	5.3	2.4	3/8"	91	2.1	3/8"
QB-195L-85	5"(125x22)	1/2"-13	8500	4.9(138)	90(6.3)	10-13/16"(275)	1.5	5.5	2.5	3/8"	91	2.1	3/8"
QB-195L-120	5"(125x22)	1/2"-13	12000	5.1(144)	90(6.3)	10-13/16"(275)	1.5	5.5	2.5	3/8"	91	2.1	3/8"
QB-195CN	5"(125x22)	M8x1.25	12000	4.9(138)	90(6.3)	8-15/32"(215)	1.3	4.4	2.0	3/8"	91	2.6	3/8"
QB-197Q	7"(178x22)	5/8"-11	7000	6.0(170)	90(6.3)	13-15/16"(353)	2.2	6.8	3.1	3/8"	77.0	2.4	3/8"
QB-199(S/M)	9"(230x22)	5/8"-11 / M14xP2.0	5900	6.8(178)	90(6.3)	14"(360)	2.5	9.9	4.5	3/8"	98.0	3.75	3/8"
QB-623	2"(50x10)	M14xP2.0	19000	6.8(178)	90(6.3)	14"(360)	2.5	9.9	4.5	3/8"	98.0	3.75	3/8"



• Note : The grinding wheel is not supplied along with the tool.

QB-2925

AIR STRAIGHT GRINDER

Roll type throttle

12 pieces in one carton



Used with straight grinding wheel

QB-2925L

AIR STRAIGHT GRINDER

Lever type throttle

12 pieces in one carton



Used with straight grinding wheel

QB-7214 S/M

100° 1.3HP AIR ANGLE GRINDER

Lever type throttle

6 pieces in one carton

· Quick-release guard design, making angle adjustments easy.



QB-7215 S/M

100° 1.3HP AIR ANGLE GRINDER

Lever type throttle

6 pieces in one carton

· Quick-release guard design, making angle adjustments easy.



QB-7245 S/M

100° 1.3HP AIR ANGLE GRINDER

Lever type throttle

6 pieces in one carton

· Quick-release guard design, making angle adjustments easy.



QB-7315 S/M

2.3HP AIR ANGLE GRINDER

Lever type throttle

6 pieces in one carton



Item No.	Pad Dia / Arbor Size	Spindle Size	No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch(mm)		R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS	kg	Inch	dBA	m/s²	Inch
QB-2925	(65x13x9.5)	3/8"-16	16000	5.0(141)	90(6.3)	10-11/16"(270)	0.9	2.9	1.3	3/8"	90	2.8	3/8"
QB-2925L	(65x13x9.5)	3/8"-16	16000	5.0(141)	90(6.3)	12-25/32"(324)	0.9	3.0	1.4	3/8"	90	2.8	3/8"
QB-7214(S/M)	4"(100)	3/8"-24 / M10xP1.5	11000	4.2(119)	90(6.3)	9-1/8"(232)	1.3	4.0	1.8	3/8"	90.0	1.2	1/4"
QB-7215(S/M)	5"(125)	5/8"-11 / M14xP2.0	11000	4.2(119)	90(6.3)	9-1/8"(232)	1.3	4.0	1.8	3/8"	90.0	1.2	1/4"
QB-7245(S/M)	4-1/2"(115)	5/8"-11 / M14xP2.0	11000	4.2(119)	90(6.3)	9-1/8"(232)	1.3	4.0	1.8	3/8"	90.0	1.2	1/4"
QB-7315(S/M)	5"(125)	5/8"-11 / M14xP2.0	10000	6.9(195)	90(6.3)	9-1/4"(234)	2.3	4.0	1.8	1/2"	88	3.8	1/4"

AIR BELT SANDER

QB-311
AIR BELT SANDER

10 pieces in one carton



QB-312
AIR BELT SANDER

10 pieces in one carton



QB-313
AIR BELT SANDER

6 pieces in one carton



QB-321
AIR BELT SANDER

10 pieces in one carton



QB-322
AIR BELT SANDER

10 pieces in one carton



QB-322C
AIR BELT SANDER

10 pieces in one carton

· Rubber pulley



QB-322RC
AIR BELT SANDER - ANGLE FELXIBLE

10 pieces in one carton



QB-324
AIR BELT SANDER

10 pieces in one carton



QB-325N [SET]
AIR BELT SANDER

4 pieces in one carton



Item No.	Belt Size Pad Dia	No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch(mm)	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s²	Inch
QB-311	3/8"x13"(10x330)	16000	8.0(226)	90(6.3)	11-1/2"(290)	1.8	0.8	3/8"	89.7	0.5	1/4"
QB-312	3/4"x20-1/2"(20x520)	16000	9.0(254)	90(6.3)	14"(360)	2.7	1.2	3/8"	91.8	0.4	1/4"
QB-313	1-3/16"x21-1/4"(30x540)	13000	10.0(283)	90(6.3)	15-3/8"(390)	5.3	2.4	3/8"	81.0	1.2	1/4"
QB-321	3/8"x13"(10x330)	16000	4.0(113)	90(6.3)	12-5/8"(320)	2.1	1.0	3/8"	88.0	1.0	1/4"
QB-322	3/4"x20-1/2"(20x520)	16000	4.0(113)	90(6.3)	17"(430)	3.1	1.4	3/8"	88.0	1.3	1/4"
QB-322C	3/4"x20-1/2"(20x520)	16000	4.0(113)	90(6.3)	17"(430)	3.1	1.4	3/8"	88.0	1.3	1/4"
QB-322RC	3/4"x20-1/2"(20x520)	16000	4.0(113)	90(6.3)	17"(430)	3.1	1.4	3/8"	88.0	1.3	1/4"
QB-324	1/2"x24"(12.7x610)	16000	4.0(113)	90(6.3)	18"(455)	2.4	1.0	3/8"	88.0	1.1	1/4"
QB-325N(P04)	3/8"x13"(10x330)	16000	4.0(113)	90(6.3)	12-5/8"(320)	2.1	1.0	3/8"	90	1.1	1/4"
QB-325N(P52)	1/4"x13"(6x330)	16000	4.0(113)	90(6.3)	12-5/8"(320)	2.1	1.0	3/8"	90	1.1	1/4"
QB-325N(P53)	3/4"x13"(20x330)	16000	4.0(113)	90(6.3)	12-5/8"(320)	2.1	1.0	3/8"	90	1.1	1/4"
QB-325N(P54)	3/4"x20-1/2"(20x520)	16000	4.0(113)	90(6.3)	12-5/8"(320)	2.1	1.0	3/8"	90	1.1	1/4"

AIR SANDER

Non-Vacuum SERIES

QB-42

AIR RANDOM ORBITAL SANDER

Non-Vacuum

8 pieces in one carton

- 5" QB-42502 5mm orbit
- 6" QB-42602 5mm orbit



QB-46

AIR RANDOM ORBITAL SANDER

Non-Vacuum

10 pieces in one carton

- 5" QB-46502 5mm orbit
- 5" QB-46512 2.5mm orbit
- 6" QB-46602 5mm orbit
- 6" QB-46612 2.5mm orbit



QB-49602

DUAL ACTION SANDER

Non-Vacuum 9.5mm orbit

10 pieces in one carton



QB-52

AIR RANDOM ORBITAL SANDER

Non-Vacuum

8 pieces in one carton

- 5" QB-52502 5mm orbit
- 6" QB-52602 5mm orbit



QB-55

AIR RANDOM ORBITAL SANDER

Non-Vacuum

12 pieces in one carton

- 3" QB-55312 2.5mm orbit
- 5" QB-55502 5mm orbit
- 6" QB-55602 5mm orbit

QB-55312





QB-58502

AIR 2-HAND RANDOM ORBITAL SANDER

Non-Vacuum 5mm orbit

6 pieces in one carton



QB-58602

AIR 2-HAND RANDOM ORBITAL SANDER

Non-Vacuum 5mm orbit

6 pieces in one carton



Non-Vacuum Sander Accessories

Velcro Or Vinyl Sanding Pad Both Available

Backing Face : velcro



ITEM NO.	SIZE	Max R.P.M
QB-9302	2"	15000
QB-9303	3"	15000
QB-9305	5"	12000
QB-9306	6"	12000

Blister+Card

Backing Face : vinyl



ITEM NO.	SIZE	Max R.P.M
QB-9345	5"	12000
QB-9307	6"	12000

Blister+Card

Item No.	Pad Dia	No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level	Orbit	Air Inlet
	inch(mm)	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS	kg	Inch	dBA	m/s²	mm	Inch
QB-42502	5"(127)	10000	3.85(109)	90(6.3)	6"(153)	0.24	1.7	0.8	3/8"	75.7	1.4	5	1/4"
QB-42602	6"(152)	10000	3.85(109)	90(6.3)	6-1/2"(166)	0.24	1.8	0.9	3/8"	74.4	1.4	5	1/4"
QB-46502	5"(127)	10000	3.85(109)	90(6.3)	6"(153)	0.24	1.7	0.8	3/8"	80.1	2.2	5	1/4"
QB-46512	5"(127)	10000	3.85(109)	90(6.3)	6"(153)	0.24	1.7	0.8	3/8"	80.1	2.2	2.5	1/4"
QB-46602	6"(152)	10000	3.85(109)	90(6.3)	6-1/2"(166)	0.24	1.7	0.8	3/8"	80.1	2.2	5	1/4"
QB-46612	6"(152)	10000	3.85(109)	90(6.3)	6-1/2"(166)	0.24	1.7	0.8	3/8"	80.1	2.2	2.5	1/4"
QB-49602	6"(152)	10000	3.60(102)	90(6.3)	8-21/32"(220)	0.75	2.0	0.9	3/8"	92.5	3.3	9.5	1/4"
QB-52502	5"(127)	10000	6.0(170)	90(6.3)	6"(153)	0.24	2.2	1.0	3/8"	87.6	1.2	5	1/4"
QB-52602	6"(152)	10000	6.0(170)	90(6.3)	6-1/2"(166)	0.24	2.7	1.2	3/8"	87.6	1.7	5	1/4"
QB-55312	3"(76)	11000	3.0(85)	90(6.3)	5-1/8"(157)	0.24	1.5	0.7	3/8"	81.6	1.5	2.5	1/4"
QB-55502	5"(127)	10000	3.0(85)	90(6.3)	6-11/16"(170)	0.24	1.5	0.7	3/8"	81.6	1.5	5	1/4"
QB-55602	6"(152)	10000	3.0(85)	90(6.3)	6-11/16"(170)	0.24	1.5	0.7	3/8"	81.6	1.5	5	1/4"
QB-58502	5"(127)	10000	3.10(88)	90(6.3)	9-7/16"(240)	0.4	2.6	1.2	3/8"	80.0	1.3	5	1/4"
QB-58602	6"(152)	10000	3.10(88)	90(6.3)	9-7/16"(240)	0.4	2.6	1.2	3/8"	80.0	1.3	5	1/4"

AIR SANDER



QB-20203

AIR RANDOM ORBITAL SANDER

Self-Vacuum

20 pieces in one carton

- Note : 2" Sanding pad & 3" Sanding is supplied along with the tool.



QB-43

AIR RANDOM ORBITAL SANDER

Self-Genertated Vacuum

6 pieces in one carton

- 5" QB-43802 5mm orbit
- 6" QB-43902 5mm orbit



QB-47

AIR RANDOM ORBITAL SANDER

Self-Genertated Vacuum

6 pieces in one carton

- 6" QB-47602 5mm orbit
- 6" QB-47612 2.5mm orbit



QB-53

AIR RANDOM ORBITAL SANDER

Self-Genertated Vacuum

8 pieces in one carton

- 5" QB-53802 5mm orbit
- 6" QB-53902 5mm orbit



QB-56

AIR RANDOM ORBITAL SANDER

Self-Genertated Vacuum

12 pieces in one carton

- 5" QB-56502 5mm orbit
- 6" QB-56602 5mm orbit



QB-59602

AIR 2-HAND RANDOM ORBITAL SANDER

Self-Genertated Vacuum

6 pieces in one carton





Air Regulator

Item No.	Pad Dia	No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level	Orbit	Air Inlet
	inch(mm)	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS	kg	Inch	dBA	m/s²	mm	Inch
QB-20203	2" + 3"	14000	3.0(85)	90(6.3)	5-1/8"(130)	---	1.1	0.5	3/8"	81.6	1.5	3.0	1/4"
QB-43802	5"(127)	10000	3.85(109)	90(6.3)	8"(206)	0.24	3.3	1.5	3/8"	83.9	1.3	5	1/4"
QB-43902	6"(152)	10000	3.85(109)	90(6.3)	8-3/4"(221)	0.24	3.4	1.5	3/8"	83.0	1.4	5	1/4"
QB-47602	6"(152)	10000	3.85(109)	90(6.3)	7-1/2"(193)	0.24	2.5	1.1	3/8"	84.7	2.2	5	1/4"
QB-47612	6"(152)	10000	3.85(109)	90(6.3)	7-1/2"(193)	0.24	2.5	1.1	3/8"	84.7	2.2	2.5	1/4"
QB-53802	5"(127)	10000	6(170)	90(6.3)	6"(153)	0.24	2.2	1.0	3/8"	86.2	1.1	5	1/4"
QB-53902	6"(152)	10000	6(170)	90(6.3)	6-1/2"(166)	0.24	2.7	1.2	3/8"	80.1	1.2	5	1/4"
QB-56502	5"(127)	10000	3.0(85)	90(6.3)	8-1/4"(210)	0.24	1.7	0.8	3/8"	81.6	1.5	5	1/4"
QB-56602	6"(152)	10000	3.0(85)	90(6.3)	8-1/4"(210)	0.24	1.7	0.8	3/8"	81.6	1.5	5	1/4"
QB-59602	6"(152)	10000	3.10(88)	90(6.3)	9-7/16"(240)	0.4	2.6	1.2	3/8"	80.0	1.3	5	1/4"



Central-Vacuum SERIES

AIR SANDER

QB-41

AIR RANDOM ORBITAL SANDER
Central-Vacuum

8 pieces in one carton

- 6" QB-41902 5mm orbit



QB-45

AIR RANDOM ORBITAL SANDER
Central-Vacuum

10 pieces in one carton

- 6" QB-45602 5mm orbit
- 6" QB-45612 2.5mm orbit



QB-54

AIR RANDOM ORBITAL SANDER
Central-Vacuum

12 pieces in one carton

- 5" QB-54502
- 6" QB-54602 (six hole pad)
- 6" QB-54702 (fifteen hole pad)



QB-51602

AIR RANDOM ORBITAL SANDER
Central-Vacuum

12 pieces in one carton

- 6" QB-51602 5mm orbit



QB-51612

AIR RANDOM ORBITAL SANDER
Central-Vacuum

12 pieces in one carton

- 6" QB-51612 2.5mm orbit



QB-57602

AIR 2-HAND RANDOM ORBITAL SANDER
Central-Vacuum 5mm orbit

6 pieces in one carton



Air Regulator

Item No.	Pad Dia	No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level	Orbit	Air Inlet
	inch(mm)	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS	kg	Inch	dBA	m/s²	mm	Inch
QB-41902	6"(152)	10000	3.85(109)	90(6.3)	8"(206)	0.24	2.0	0.9	3/8"	81.5	1.2	5	1/4"
QB-45602	6"(152)	10000	3.85(109)	90(6.3)	7-1/2"(193)	0.24	1.9	0.8	3/8"	81.6	2.2	5	1/4"
QB-45612	6"(152)	10000	3.85(109)	90(6.3)	7-1/2"(193)	0.24	1.9	0.8	3/8"	81.6	2.2	2.5	1/4"
QB-54502	5"(127)	10000	3.0(85)	90(6.3)	7-3/4"(197)	0.24	1.7	0.8	3/8"	81.6	1.5	5	1/4"
QB-54602	6"(152)	10000	3.0(85)	90(6.3)	8-1/4"(210)	0.24	1.7	0.8	3/8"	81.6	1.5	5	1/4"
QB-54702	6"(152)	10000	3.0(85)	90(6.3)	8-1/4"(210)	0.24	1.7	0.8	3/8"	81.6	1.5	5	1/4"
QB-51602	6"(152)	12000	3.0(85)	90(6.3)	8-7/8"(225)	0.24	2	0.9	3/8"	81.6	1.5	5	1/4"
QB-51612	6"(152)	12000	3.0(85)	90(6.3)	8-7/8"(225)	0.24	2	0.9	3/8"	81.6	1.5	5	1/4"
QB-57602	6"(152)	10000	3.10(88)	90(6.3)	9-7/16"(240)	0.40	2.6	1.2	3/8"	80.0	1.3	5	1/4"

AIR SANDER



QB-57642

AIR 2-HAND RANDOM ORBITAL SANDER

Central-Vacuum

6 pieces in one carton

- Low-speed, high-torque eccentric design for gravity grinding, quickly removes surface materials (paint/rust/...).



Equipped with QB-57642P39 6-hole Vacuum Pad



QB-57642P39

QB-59642

AIR 2-HAND RANDOM ORBITAL SANDER

Self-Generated Vacuum

6 pieces in one carton

- Low-speed, high-torque eccentric design for gravity grinding, quickly removes surface materials (paint/rust/...).



Equipped with QB-59642P39 6-hole Vacuum Pad



QB-59642P39

QB-58542

AIR 2-HAND RANDOM ORBITAL SANDER

Non-Vacuum 5mm orbit

6 pieces in one carton

- Low-speed, high-torque eccentric design for gravity grinding, quickly removes surface materials (paint/rust/...).



Equipped with QB-58642P39 Non-Vacuum Pad



5" QB-58542P39

QB-58642

AIR 2-HAND RANDOM ORBITAL SANDER

Non-Vacuum 5mm orbit

6 pieces in one carton

- Low-speed, high-torque eccentric design for gravity grinding, quickly removes surface materials (paint/rust/...).



Equipped with QB-58642P39 Non-Vacuum Pad



6" QB-58642P39

Item No.	Pad Dia	No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level	Orbit	Air Inlet
	inch(mm)	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS	kg	Inch	dBA	m/s²	mm	Inch
QB-57642	6"(152)	900	3.10(88)	90(6.3)	9-7/16"(240)	0.4	3.5	1.6	3/8"	82.0	<2.5	5	1/4"
QB-59642	6"(152)	900	3.10(88)	90(6.3)	9-7/16"(240)	0.4	3.5	1.6	3/8"	82.0	<2.5	5	1/4"
QB-58542	5"(127)	900	3.10(88)	90(6.3)	9-7/16"(240)	0.4	3.3	1.5	3/8"	82.0	<2.5	5	1/4"
QB-58642	6"(152)	900	3.10(88)	90(6.3)	9-7/16"(240)	0.4	3.5	1.6	3/8"	82.0	<2.5	5	1/4"

AIR SQUARE SANDER



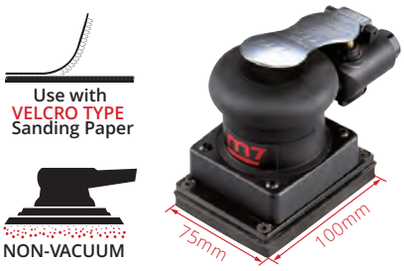
QB-48012

AIR JITTERBUG SANDER

Non-Vacuum 2.5mm orbit

12 pieces in one carton

- Mirror-finish grinding effect, ideal for the final step in painting / coating / surface polishing.



QB-48111

AIR JITTERBUG SANDER

Non-Vacuum 2.5mm orbit

12 pieces in one carton



QB-48112

AIR JITTERBUG SANDER

Non-Vacuum 2.5mm orbit

12 pieces in one carton

- Mirror-finish grinding effect, ideal for the final step in painting / coating / surface polishing.



QB-48212

AIR JITTERBUG SANDER

Non-Vacuum 2.5mm orbit

12 pieces in one carton

- Mirror-finish grinding effect, ideal for the final step in painting / coating / surface polishing.



QB-48211

AIR JITTERBUG SANDER

Non-Vacuum 2.5mm orbit

5 pieces in one carton



Item No.	Pad Dia	No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level	Orbit	Air Inlet
	inch(mm)	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS	kg	Inch	dBA	m/s²	mm	Inch
QB-48012	3"x4"(75x100)	10000	5.0(141)	90(6.3)	5-3/8"(137)	0.24	1.8	0.8	3/8"	83.0	1.5	2.5	1/4"
QB-48111	4"x4-3/8"(100x110)	11000	7.0(198)	90(6.3)	5-1/5"(130)	0.28	2.0	0.9	3/8"	83.0	1.5	2.5	1/4"
QB-48112	4"x4-3/8"(100x110)	10000	5.0(141)	90(6.3)	5-3/8"(136)	0.24	1.7	0.8	3/8"	83.0	1.5	2.5	1/4"
QB-48211	2-1/2"x15-3/4"(64x100)	2100	5.0(141)	90(6.3)	17-1/2"(144)	0.24	6.1	2.8	3/8"	83.0	1.5	2.5	1/4"
QB-48212	7"x3-1/2"(93x180)	10000	5.0(141)	90(6.3)	7"(180)	0.24	2.0	0.9	3/8"	83.0	1.5	2.5	1/4"

AIR PISTOL POLISHER



QP-111

1" AIR ANGLE SANDER

10 pieces in one carton

- PAD provides spot eccentric sanding, avoiding 360° rotation.
- Vibration frequency up to 8000 RPM, suitable for mirror polishing.



QP-113

AIR PISTOL SANDER

2.5mm orbit

10 pieces in one carton



QP-123

AIR PISTOL POLISHER

10 pieces in one carton



QP-123QP

AIR PISTOL POLISHER

10 pieces in one carton

- Air Pistol Sander, 3" Pad Dia
- QP-113 :Air Pistol Sander, 3" Pad Dia
- QP-123 :Air Pistol Polisher, 3" Pad Dia
- 1/4" Air Adaptor Couplings Male Thread Type
- 3" Sponge (Rough) & 3" Sponge (Medium)



QP-215

AIR HIGH SPEED SANDER

10 pieces in one carton



QP-307 S/M

AIR ANGLE POLISHER

6 pieces in one carton



QP-327 S/M
AIR ANGLE POLISHER

6 pieces in one carton



QP-317
AIR ANGLE POLISHER

10 pieces in one carton



QP-335
VERTICAL POLISHER

10 pieces in one carton



Item No.	Pad Dia	Spindle Size	No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level	Orbit	Air Inlet
	inch(mm)		R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS	kg	Inch	dBA	m/s^2	mm	Inch
QP-111	1"(26)	M10xP1.5	8000	2.7(152)	90(6.3)	6-3/8"(162)	0.3	1.2	0.6	3/8"	89.0	0.3	---	1/4"
QP-113	3"(76)	5/16"-24	15000	3.5(99)	90(6.3)	5"(127)	0.40	1.5	0.7	3/8"	74.0	0.3	2.5	1/4"
QP-123	3"(76)	5/16"-24	2100	3.5(99)	90(6.3)	5-5/16"(135)	0.40	1.7	0.8	3/8"	74.0	0.21	---	1/4"
QP-215	5"(127)	7/16"-20	16000	6.5(184)	90(6.3)	6-19/64"(160)	0.80	2.6	1.2	3/8"	60.0	1.8	---	1/4"
QP-307(S/M)	7"(178)	5/8"-11(M14xP2)	4500	6.0(169)	90(6.3)	16"(406)	0.40	4.0	2.0	3/8"	84.0	2.5	---	1/4"
QP-317	7"(178)	5/8"-11	2500	6.0(169)	90(6.3)	16"(406)	0.40	4.0	2.0	3/8"	84.0	2.5	---	1/4"
QP-327(S/M)	7"(178)	5/8"-11(M14xP2)	2500	6.0(169)	90(6.3)	16"(406)	0.40	4.0	2.0	3/8"	84.0	2.5	---	1/4"
QP-335	5"(127)	5/16"-24	3000	3.65(103)	90(6.3)	8"(203)	0.55	1.1	0.5	3/8"	85.0	<2.5	---	1/4"

Air chamfering tools

QC-512
MINI AIR CHAMFERING TOOLS

10 pieces in one carton

- Extreme small size and light weight air tool.
- Also have variable chamfering speed function.
- Triangle type Indexable Inserts.



Triangle Indexable Inserts











Item No.	Chamfering Capacity	No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure
		R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA
QC-512	C0.1 - C2.0	28000	2	90(6.3)	4-1/7"(105)	1.1	0.5	3/8"	85

AIR CUTTING TOOLS



QC-213

3" HEAVY DUTY AIR CUT-OFF TOOL

Available Dimension of inner hold : Ø 3/8"

10 pieces in one carton

Note : Wheel is supplied with the tool



QC-213T

3" HEAVY DUTY AIR CUT-OFF TOOL

Available Dimension of inner hold : Ø 3/8"

10 pieces in one carton

Note : Wheel is supplied with the tool

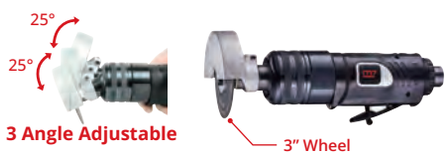


QC-333

FLEX-HEAD AIR CUT-OFF TOOL

10 pieces in one carton

Note : Wheel is supplied with the tool



QC-234

4" HEAVY DUTY AIR CUT-OFF TOOL

Available Dimension of inner hold : Ø 10mm

10 pieces in one carton



QC-234T

4" AIR CORNER CUT-OFF TOOL

Available Dimension of inner hold : Ø 10mm Ø 16mm

10 pieces in one carton

- Suitable for use in confined spaces.

Note : Wheel is supplied with the tool



QC-264

4" AIR CORNER CUT-OFF TOOL

Available Dimension of inner hold : Ø 10mm Ø 16mm

10 pieces in one carton



QC-253

3" AIR CUT-OFF TOOL

10 pieces in one carton

Note : Wheel is supplied with the tool



QC-254

4" AIR CORNER CUT-OFF TOOL

Available Dimension of inner hold : Ø 10mm

10 pieces in one carton

Note : Wheel is supplied with the tool

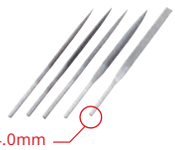


Item No.	Belt Size Pad Dia	No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch(mm)	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS	kg	Inch	dBA	m/s²	Inch
QC-213	3"(75)	20000	10.0(283)	90(6.3)	7-7/8"(200)	0.9	1.9	0.9	3/8"	80.2	10.8	1/4"
QC-213T	3"(75)	22000	5.0(141)	90(6.3)	7-7/8"(200)	0.5	1.8	0.8	3/8"	85.0	3.0	1/4"
QC-234	4"(100)	16000	10.0(283)	90(6.3)	14"(355)	0.9	3.5	1.6	3/8"	85.0	5.0	1/4"
QC-234T	4"(00)	15000	5.0(141)	90(6.3)	13-9/16"(345)	0.5	3.1	1.4	3/8"	85.0	2.2	1/4"
QC-253	3"(75)	24000	4.0(113)	90(6.3)	8"(203)	0.6	1.7	0.8	3/8"	91.0	1.2	1/4"
QC-254	4"(100)	20000	5.0(141)	90(6.3)	8-1/8"(206)	0.6	2.0	0.9	3/8"	81.0	0.8	1/4"
QC-264	4"(100)	15000	5.0(141)	90(6.3)	9-5/32"(232)	0.5	2.4	1.1	3/8"	85.0	2.2	1/4"
QC-333	3"	20000	3.6(102)	90(6.3)	9-1/16"(230)	0.6	2.4	1.1	3/8"	88.0	3.0	1/4"

QD-221
AIR SAW WITH HOSE

10 pieces in one carton

5pcs 4.0mm file set included
1pc 32T saw blade included





QD-230
AIR MINI SAW WITH HOSE

10 pieces in one carton

4pcs 5.0mm file set included
1pc 32T saw blade included





QD-242
AIR FILE WITH HOSE

10 pieces in one carton

3pcs 5.0mm file set included
Note : The air mini saw is not supplied along with the tool



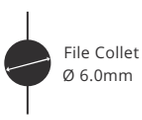




QD-260
AIR MINI SAW / FILE

20 pieces in one carton

- The length of this tool is very short.
  Note : The package contains a flat file and two saw blades







QD-291N
AIR SAW SET

10 pieces in one carton

Contents

1pc - Air saw tool (With 1pc 32T Saw Blade)
5pcs - 24T Saw Blade
5pcs - 32T Saw Blade
1pc - Allen Key : 4mm, 3mm
5pcs - 5.0 mm file set
1pc - Mini oiler 1/4"
1/4" 360° plug



QD-321
LOW VIBRATION AIR BODY SAW

15 pieces in one carton

- Extremely low vibration level.



QD-501
GEAR DRIVEN AIR SAW (3 in 1)

10 pieces in one carton

Note : The File is not supplied along with the tool.



QD-924P
24T Saw Blade Bi-Metal Material

10 pcs / box

Available with
QD-221 & QD-291





Blister+Card

QD-932P
32T Saw Blade Bi-Metal Material

10 pcs / box

Available with
QD-221 & QD-291

Blister+Card



Item No.	Storkes Length	Storkes Per min	Collet Size	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	mm	S.P.M	mm	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS	kg	Inch	dBA	m/s²	Inch
QD-221	10	5000	4.0	4.0(113)	90(6.3)	9-3/4"(250)	---	1.8	0.8	3/8"	81.9	4.1	1/4"
QD-230	5	7000	5.0	2.5(70)	90(6.3)	7"(180)	---	1.1	0.5	3/8"	78.0	2.4	1/4"
QD-242	5	7000	5.0	5.3(150)	90(6.3)	17-9/16"(700)	---	1.3	0.6	3/8"	80.0	4.5	1/4"
QD-260	8	7000	6.0	4.5(127)	90(6.3)	6-11/16"(170)	0.3	1.0	0.6	3/8"	80.0	2.4	1/4"
QD-291	10	9000	5.0	4.0(113)	90(6.3)	9-1/4"(235)	---	1.3	0.6	3/8"	83.0	2.0	1/4"
QD-321	14.5	11000	5.0	4.0(113)	90(6.3)	9-1/4"(230)	---	1.7	0.5	3/8"	88.0	3.4	1/4"
QD-501	10	7000	5.0	4.5(127)	90(6.3)	11-5/8"(296)	0.5	2.6	1.2	3/8"	78.0	4.5	1/4"

AIR CUTTING TOOLS

QG-102
AIR SHEAR Straight type

10 pieces in one carton



QG-103
AIR NIBBLER

10 pieces in one carton



QG-202
AIR SHEAR Pistol type

10 pieces in one carton



Item No.	Storkes Per min	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Cut Capacity		Air Inlet
	S.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s²	mm	mm	Inch
	S.P.M			L	lb	kg				steel	aluminum	
QG-102	2600	6.0(170)	90(6.3)	10"(254)	2.2	1.0	3/8"	85.8	2.4	1.2	1.6	1/4"
QG-103	2600	3.0(85)	90(6.3)	7-3/5"(193)	2.2	1.0	3/8"	88.0	2.8	1.2	1.6	1/4"
QG-202	2600	6.5(184)	90(6.3)	8-1/4"(210)	2.4	1.1	3/8"	89.1	2.9	1.2	1.6	1/4"

QK-111
AIR KNIFE

10 pieces in one carton



QK-111P08



QK-111P50



QK-111P51



QK-111P52



QK-111P53



QK-111P54



QK-2036



QK-2063



QK-2090



QK-111T
AIR KNIFE

10 pieces in one carton



Stylized grip

QK-121
AIR KNIFE

10 pieces in one carton



Pad

QB-9320

+



Air knife

=



Air Sander

QK-131
AIR OSCILLATING TOOL WITH UNIVERSAL ADAPTER

20 pieces in one carton

Note : Blade is not supplied along with the tool





Patented flange can share pneumatic

Item No.	Oscillation	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	per min	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s²	Inch
				L	lb	kg				
QK-111	20000	6.0(170)	90(6.3)	7-5/64"(180)	2.4	1.1	3/8"	75	3.9	1/4"
QK-111T	20000	5.0(141)	90(6.3)	8-3/16"(208)	2.0	0.9	3/8"	85	3.3	1/4"
QK-121	19000	4.3(121)	90(6.3)	6-15/16"(176)	1.3	0.6	3/8"	91	2.8	1/4"
QK-131	20000	1.9(54)	90(6.3)	7-1/8"(180)	1.5	0.7	3/8"	78	4.5	1/4"

QK-112

AIR SCRAPER

10 pieces in one carton

- Removes gaskets, paint, rust and other materials.
- Removes undercoating, seam sealers, etc.
- Built-in regulator.



QK-112N

AIR SCRAPER KIT

10 pieces in one carton

Contains Blade



QK-112N Blades included :

QK-901 : 1" Wide Blade
QK-902 : 1" Wide 45° Blade
QK-903 : 1.75" L-Shaped Blade
QK-904 : 1.77" Wide Blade



QK-901 1" | QK-902 1" | QK-903 1.75" | QK-904 1.77"

Item No.	Storkes Length	Storkes Per min	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	mm	S.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s²	Inch
QK-112	16	4200	3.0(84.9)	90(6.3)	7-23/32"(196)	1.5	0.7	3/8"	93.0	9.0	1/4"



PN-150

AIR PUNCH & FLANGE TOOL

10 pieces in one carton



PN-180

AIR PUNCH & FLANGE TOOL

10 pieces in one carton



PN-250

AIR PUNCH & FLANGE TOOL

10 pieces in one carton



PN-280

AIR PUNCH & FLANGE TOOL

10 pieces in one carton



Item No.	Punch Diameter	Capacity	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	mm		CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s²	Inch
PN-150	5	1.6mm(Steel)	4.0(113)	90(6.3)	10"(254)	2.5	1.2	3/8"	62.0	0.1	1/4"
PN-180	8	1.2mm(Steel)	4.0(113)	90(6.3)	10"(254)	2.5	1.2	3/8"	62.0	0.1	1/4"
PN-250	5	1.6mm(Steel)	4.0(113)	90(6.3)	7-15/32"(190)	2.6	1.2	3/8"	62.0	0.1	1/4"
PN-280	8	1.2mm(Steel)	4.0(113)	90(6.3)	7-15/32"(190)	2.6	1.2	3/8"	62.0	0.1	1/4"

AIR DRILL

PC-2010

ADJUSTABLE TORQUE AIR TAPPING TOOL

6 pieces in one carton



PC-901

ADUSTABLE TORQUE AIR TAPPING ADAPTER HEX : 8mm

20 pieces in one carton

For : Air drill, electricity drill, cordless drill, drill machine



CAPACITY			
	steel	copper	aluminum
PC-2010	M3~M8	M3~M12	M3~M12
PC-901	M3~M6	M3~M8	M3~M8

Item No.	Capacity			No Load Speed	Stroke Length	Avg. Air Consumption	Air Pressure	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	steel	copper	aluminum	R.P.M	inch(mm)	CFM (L/min)	PSI (bar)	LBS	kg	Inch	dBA	m/s²	Inch
PC-2010	M3~M8	M3~M12	M3~M12	150	12"(305)	6.5(184)	90(6.3)	5.4	2.5	3/8"	82	1.5	1/4"

QE-231

SPOT DRILL & HOOK

6 pieces in one carton



FEATURES

- 8 mm drill bit included.
- 6.5,8,10 mm drill are available.
- Adjustable chuck for easy control.
- Hook is easily removed or installed.
- High quality piston improves torque and efficiency.
- Common applications are remove the surface of the solder joints and will not damage steel plate.
- Maximum drill depth : 4.5 mm, steel : 3.8 mm stainless.

Item No.	Chuck Size	No Load Speed	Motor	Overall Length	Avg. Air Consumption	Air Pressure	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch(mm)	R.P.M	HP	inch(mm)	CFM (L/min)	PSI (bar)	LBS	kg	Inch	dBA	m/s²	Inch
QE-231	5/16"(8)	1600	0.50	9-1/4"(235)	6.0(170)	90(6.3)	4.4	2.0	3/8"	88.2	0.1	1/4"

QE-2130

AIR REVERSIBLE DRILL

20 pieces in one carton



QE-2133

AIR REVERSIBLE DRILL

10 pieces in one carton



QE-2137

AIR REVERSIBLE DRILL

10 pieces in one carton



QE-2143

AIR REVERSIBLE DRILL

20 pieces in one carton



Item No.	Chuck Size	No Load Speed	Motor	Overall Length	Avg. Air Consumption	Air Pressure	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch(mm)	R.P.M	HP	inch(mm)	CFM (L/min)	PSI (bar)	LBS	kg	Inch	dBA	m/s²	Inch
QE-2130	3/8"(10)	3500	0.5(372w)	7-1/8"(181)	4(113)	90(6.3)	1.8	0.8	3/8"	92	0.2	1/4"
QE-2133	3/8"(10)	2000	0.5(372w)	7-1/8"(181)	4(113)	90(6.3)	1.8	0.8	3/8"	92	0.2	1/4"
QE-2137	3/8"(10)	2800	0.5(372w)	7-1/8"(181)	4(113)	90(6.3)	1.8	0.8	3/8"	92	0.2	1/4"
QE-2143	1/2"(13)	500	0.5(372w)	9"(228)	4(113)	90(6.3)	2.6	1.2	3/8"	92	0.2	1/4"

QE-324
AIR DRILL

10 pieces in one carton



QE-331
3/8" AIR REVERSIBLE DRILL
With keyless chuck

10 pieces in one carton



3pcs Planet Gear

QE-332
3/8" AIR DRILL With keyless chuck

10 pieces in one carton



3pcs Planet Gear

QE-333
3/8" AIR REVERSIBLE DRILL
With key chuck

10 pieces in one carton



3pcs Planet Gear

QE-334
3/8" AIR DRILL With key chuck

10 pieces in one carton



3pcs Planet Gear

QE-431
3/8" AIR REVERSIBLE DRILL
With keyless chuck

10 pieces in one carton



2pcs Planet Gear
with bearing

QE-432
3/8" AIR DRILL With keyless chuck

10 pieces in one carton



2pcs Planet Gear
with bearing

QE-433
3/8" AIR REVERSIBLE DRILL
With key chuck

10 pieces in one carton



2pcs Planet Gear
with bearing

QE-434
3/8" AIR DRILL With key chuck

10 pieces in one carton



2pcs Planet Gear
with bearing

Item No.	Chuck Size	No Load Speed	Motor	Stall Torque	Overall Length	Avg. Air Consumption	Air Pressure	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch(mm)	R.P.M	HP	N.m	inch(mm)	CFM (L/min)	PSI (bar)	LBS	kg	Inch	dBA	m/s²	Inch
QE-324	1/4"(6.35)	5500	0.38	3.01	6-15/32"(164)	1.9(54)	90(6.3)	1.7	0.8	3/8"	74.0	1.2	1/4"
QE-331	3/8"(10)	1800	0.65	6.29	8"(203)	6.5(184)	90(6.3)	2.4	1.1	3/8"	96.5	0.3	1/4"
QE-332	3/8"(10)	2200	0.60	6.31	7-1/2"(190)	6.5(184)	90(6.3)	2.2	1.0	3/8"	96.5	0.3	1/4"
QE-333	3/8"(10)	1800	0.65	6.29	8"(203)	6.5(184)	90(6.3)	2.4	1.1	3/8"	92.0	0.2	1/4"
QE-334	3/8"(10)	2200	0.60	6.31	7-1/2"(190)	6.5(184)	90(6.3)	2.2	1.0	3/8"	92.0	0.2	1/4"
QE-431	3/8"(10)	1800	0.50	10.9	8-29/32"(226)	4.0(112)	90(6.3)	2.6	1.2	3/8"	90.0	3.0	1/4"
QE-432	3/8"(10)	2200	0.70	8.76	8-29/32"(226)	4.8(135)	90(6.3)	2.6	1.2	3/8"	90.0	3.0	1/4"
QE-433	3/8"(10)	1800	0.50	10.9	9-1/16"(230)	4.0(112)	90(6.3)	2.7	1.2	3/8"	90.0	3.0	1/4"
QE-434	3/8"(10)	2200	0.70	8.76	9-1/16"(230)	4.8(135)	90(6.3)	2.7	1.2	3/8"	90.0	3.0	1/4"

AIR DRILL

QE-532
3/8" AIR DRILL With keyless chuck

10 pieces in one carton



3pcs Planet Gear
with bearing

QE-533
3/8" AIR REVERSIBLE DRILL
With key chuck

10 pieces in one carton



3pcs Planet Gear
with bearing

QE-633
3/8" 90° AIR REVERSIBLE DRILL
With keyless chuck

10 pieces in one carton



2pcs Planet Gear
with bearing

QE-634
3/8" 90° AIR ANGLE DRILL
With key chuck



QE-831
3/8" AIR REVERSIBLE DRILL
With keyless chuck

10 pieces in one carton



3pcs Planet Gear

QE-833
3/8" AIR REVERSIBLE DRILL
With key chuck

10 pieces in one carton



3pcs Planet Gear

QE-933
3/8" AIR REVERSIBLE DRILL
With keyless chuck

20 pieces in one carton



2pcs Planet Gear
with bearing



QE-935
3/8" AIR STRAIGHT DRILL
With key chuck

10 pieces in one carton



2pcs Planet Gear
with bearing



Stylized grip

QE-936
3/8" AIR STRAIGHT DRILL
With key chuck

10 pieces in one carton



Stylized grip

Item No.	Chuck Size	No Load Speed	Motor	Stall Torque	Overall Length	Avg. Air Consumption	Air Pressure	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch(mm)	R.P.M	HP	N.m	inch(mm)	CFM (L/min)	PSI (bar)	LBS	kg	Inch	dBA	m/s²	Inch
QE-532	3/8"(10)	2800	0.70	8.58	9-9/16"(243)	4.8(135)	90(6.3)	2.7	1.2	3/8"	90.0	3.0	1/4"
QE-533	3/8"(10)	2200	0.50	10.58	9-13/32"(189)	4.0(112)	90(6.3)	2.7	1.2	3/8"	90.0	3.0	1/4"
QE-633	3/8"(10)	1600	0.50	6.06	8-1/4"(210)	3.0(85)	90(6.3)	2.4	1.1	3/8"	72.0	2.5	1/4"
QE-634	3/8"(10)	1900	0.50	6.06	8-1/4"(211)	5(141)	90(6.3)	2.4	1.1	3/8"	85.0	1.1	1/4"
QE-831	3/8"(10)	1800	0.45	7.33	7-1/4"(185)	4.0(113)	90(6.3)	2.5	1.1	3/8"	83.0	0.3	1/4"
QE-833	3/8"(10)	1800	0.45	7.33	7-1/4"(185)	4.0(113)	90(6.3)	2.7	1.2	3/8"	83.0	0.3	1/4"
QE-933	3/8"(10)	2600	0.50	3.85	8-15/32"(215)	3.0(85)	90(6.3)	2.0	0.9	3/8"	72.0	2.5	1/4"
QE-935	3/8"(10)	4000	0.5	2.98	9"(230)	5.0(141)	90(6.3)	1.9	0.9	3/8"	85.0	1.6	1/4"
QE-936	3/8"(10)	22000	0.5	3.03	8-9/16"(218)	5.0(141)	90(6.3)	1.6	0.7	3/8"	85.0	1.2	1/4"



QE-341

1/2" AIR REVERSIBLE DRILL
With keyless chuck

10 pieces in one carton



3pcs Planet Gear x 2Set

QE-342

1/2" AIR DRILL With keyless chuck

10 pieces in one carton



3pcs Planet Gear x 2Set

QE-343

1/2" AIR REVERSIBLE DRILL
With key chuck

10 pieces in one carton



3pcs Planet Gear x 2Set

QE-344

1/2" AIR DRILL With key chuck

10 pieces in one carton



3pcs Planet Gear x 2Set

QE-441

1/2" AIR REVERSIBLE DRILL
With keyless chuck

10 pieces in one carton



2pcs Planet Gear x 2Set bearing

QE-442

1/2" AIR DRILL With keyless chuck

10 pieces in one carton



2pcs Planet Gear x 2Set bearing

Item No.	Chuck Size	No Load Speed	Motor	Stall Torque	Overall Length	Avg. Air Consumption	Air Pressure	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch(mm)	R.P.M	HP	N.m	inch(mm)	CFM (L/min)	PSI (bar)	LBS	kg	Inch	dBA	m/s²	Inch
QE-341	1/2"(13)	800	0.65	11.15	9"(230)	6.5(184)	90(6.3)	4.0	1.8	3/8"	96.5	0.1	1/4"
QE-342	1/2"(13)	800	0.60	11.03	8-1/4"(209)	6.5(184)	90(6.3)	3.7	1.7	3/8"	96.5	0.1	1/4"
QE-343	1/2"(13)	800	0.65	11.15	9"(230)	6.5(184)	90(6.3)	4.0	1.8	3/8"	97.5	0.1	1/4"
QE-344	1/2"(13)	800	0.60	11.03	8-1/4"(209)	6.5(184)	90(6.3)	3.7	1.7	3/8"	97.5	0.1	1/4"
QE-441	1/2"(13)	1100	0.50	14.68	10-5/8"(270)	4.0(112)	90(6.3)	3.5	1.6	3/8"	90.0	3.0	1/4"
QE-442	1/2"(13)	1300	0.70	13.54	10-5/8"(270)	4.8(135)	90(6.3)	3.5	1.6	3/8"	90.0	3.0	1/4"

AIR DRILL



QE-443
1/2" AIR REVERSIBLE DRILL
With key chuck

10 pieces in one carton



2pcs Planet Gear x 2Set bearing

QE-542
1/2" AIR DRILL With keyless chuck

10 pieces in one carton



3pcs Planet Gear x 2Set bearing

QE-543
1/2" AIR REVERSIBLE DRILL
With key chuck

10 pieces in one carton



3pcs Planet Gear x 2Set bearing

QE-841
1/2" AIR REVERSIBLE DRILL
With keyless chuck

10 pieces in one carton



3pcs Planet Gear x 2Set

QE-843
1/2" AIR REVERSIBLE DRILL
With key chuck

10 pieces in one carton



3pcs Planet Gear x 2Set

QE-845
1/2" AIR REVERSIBLE DRILL
With key chuck

10 pieces in one carton



3pcs Planet Gear x 2Set

Item No.	Chuck Size	No Load Speed	Motor	Stall Torque	Overall Length	Avg. Air Consumption	Air Pressure	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch(mm)	R.P.M	HP	N.m	inch(mm)	CFM (L/min)	PSI (bar)	LBS	kg	Inch	dBA	m/s²	Inch
QE-443	1/2"(13)	1100	0.50	14.68	10-5/8"(270)	4.0(112)	90(6.3)	3.8	1.7	3/8"	90.0	3.0	1/4"
QE-542	1/2"(13)	1300	0.70	15.89	11"(280)	4.8(135)	90(6.3)	3.8	1.7	3/8"	90.0	3.0	1/4"
QE-543	1/2"(13)	1100	0.50	14.89	10-7/8"(276)	4.0(112)	90(6.3)	3.8	1.7	3/8"	90.0	3.0	1/4"
QE-841	1/2"(13)	800	0.45	12.58	8-1/4"(210)	4.0(113)	90(6.3)	3.7	1.7	3/8"	83.0	0.3	1/4"
QE-843	1/2"(13)	800	0.45	12.58	8-1/4"(210)	4.0(113)	90(6.3)	3.9	1.8	3/8"	83.0	0.3	1/4"
QE-845	1/2"(13)	500	0.45	12.83	8-1/4"(210)	4.0(113)	90(6.3)	3.9	1.8	3/8"	83.0	0.3	1/4"



QE-624

AIR DRILL

10 pieces in one carton



QE-624QA [SET]

4PCS MINI TOOLS SET

5 pieces in one carton

QE-624
QE-924
QA-101
QA-601



QE-924

AIR DRILL

10 pieces in one carton



Item No.	Chuck Size	No Load Speed	Motor	Overall Length	Avg. Air Consumption	Air Pressure	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch(mm)	R.P.M	HP	inch(mm)	CFM (L/min)	PSI (bar)	LBS	kg	Inch	dBA	m/s²	Inch
QE-624	1/4"(6)	5000	0.3	5-5/8"(143)	7.8(130)	90(6.3)	1.5	0.7	3/8"	82	1.2	1/4"
QE-924	1/4"(6)	6500	0.3	5-3/4"(146)	8.1(135)	90(6.3)	1.2	0.6	3/8"	77	1.2	1/4"
QA-101	1/4" & 1/8" (6 & 3)	25000	0.3	4-11/16"(119)	6.3(105)	90(6.3)	0.7	0.3	3/8"	80	1.4	1/4"
QA-601	1/4" & 1/8" (6 & 3)	22000	0.3	4-3/4"(120.7)	10(167)	90(6.3)	1.0	0.4	3/8"	84	1.1	1/4"

AIR DRILL

Aerospace-grade —
suitable for aircraft exterior repair.

QE-6030
AIR RIGHT ANGLE DRILL
Threaded type



QE-6030L
AIR RIGHT ANGLE DRILL
Threaded type



QE-6130
AIR RIGHT ANGLE DRILL
Threaded type



QE-6130L
AIR RIGHT ANGLE DRILL
Threaded type



QE-6010
AIR 45° ANGLE DRILL
Threaded type



QE-6010L
AIR 45° ANGLE DRILL
Threaded type



QE-6020
AIR RIGHT ANGLE DRILL
Threaded type



QE-6020L
AIR RIGHT ANGLE DRILL
Threaded type



QE-6110
AIR 45° ANGLE DRILL
Threaded type



QE-6110L
AIR 45° ANGLE DRILL
Threaded type



QE-6120
AIR RIGHT ANGLE DRILL
Threaded type



QE-6120L
AIR RIGHT ANGLE DRILL
Threaded type



QE-6011
AIR 45° ANGLE DRILL
Collect type



QE-6011L
AIR 45° ANGLE DRILL
Collect type



QE-6021
AIR RIGHT ANGLE DRILL
Collect type



QE-6021L
AIR RIGHT ANGLE DRILL
Collect type



Item No.	Spindle Size	No Load Speed	Motor	Overall Length	Avg. Air Consumption	Air Pressure	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch	R.P.M	HP	inch(mm)	CFM (L/min)	PSI (bar)	LBS	kg	Inch	dBA	m/s²	kg/cm²
QE-6010	1/4"-28	4000	0.40	10"(256)	3.0(84)	90(6.3)	1.4	0.6	3/8"	81.5	<2.5	1/4"
QE-6010L	1/4"-28	4000	0.40	13-1/8"(333)	3.0(84)	90(6.3)	1.7	0.8	3/8"	81.5	<2.5	1/4"
QE-6011	9/32"-40	4000	0.40	10"(256)	3.0(84)	90(6.3)	1.4	0.6	3/8"	81.5	<2.5	1/4"
QE-6011L	9/32"-40	4000	0.40	13-1/8"(333)	3.0(84)	90(6.3)	1.7	0.8	3/8"	81.5	<2.5	1/4"
QE-6020	1/4"-28	4000	0.40	9-1/2"(240)	3.0(84)	90(6.3)	1.4	0.6	3/8"	81.5	<2.5	1/4"
QE-6020L	1/4"-28	4000	0.40	12-1/8"(308)	3.0(84)	90(6.3)	1.7	0.8	3/8"	81.5	<2.5	1/4"
QE-6021	9/32"-40	4000	0.40	9-1/2"(240)	3.0(84)	90(6.3)	1.4	0.6	3/8"	81.5	<2.5	1/4"
QE-6021L	9/32"-40	4000	0.40	9-1/2"(240)	3.0(84)	90(6.3)	1.7	0.8	3/8"	81.5	<2.5	1/4"
QE-6030	1/4"-28	4000	0.40	9-1/2"(240)	3.0(84)	90(6.3)	1.4	0.6	3/8"	81.5	<2.5	1/4"
QE-6030L	1/4"-28	4000	0.40	12-1/8"(308)	3.0(84)	90(6.3)	1.7	0.8	3/8"	81.5	<2.5	1/4"
QE-6110	1/4"-28	3600	0.60	10-7/8"(274)	3.5(99)	90(6.3)	1.9	0.9	3/8"	82	<2.5	1/4"
QE-6110L	1/4"-28	3600	0.60	13-7/8"(351)	3.5(99)	90(6.3)	2.2	1.0	3/8"	82	<2.5	1/4"
QE-6120	1/4"-28	3600	0.60	10-1/4"(259)	3.5(99)	90(6.3)	1.9	0.9	3/8"	82	<2.5	1/4"
QE-6120L	1/4"-28	3600	0.60	12-7/8"(327)	3.5(99)	90(6.3)	2.2	1.0	3/8"	82	<2.5	1/4"
QE-6130	1/4"-28	3600	0.60	10-1/4"(259)	3.5(99)	90(6.3)	1.9	0.9	3/8"	82	<2.5	1/4"
QE-6130L	1/4"-28	3600	0.60	12-7/8"(327)	3.5(99)	90(6.3)	2.2	1.0	3/8"	82	<2.5	1/4"

Aerospace-grade —
suitable for aircraft exterior repair.

QE-6111
AIR 45° ANGLE DRILL
Collect type



QE-6111L
AIR 45° ANGLE DRILL
Collect type



QE-6121
AIR RIGHT ANGLE DRILL
Collect type



QE-6121L
AIR RIGHT ANGLE DRILL
Collect type



Item No.	Spindle Size	No Load Speed	Motor	Overall Length	Avg. Air Consumption	Air Pressure	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch	R.P.M	HP	inch(mm)	CFM (L/min)	PSI (bar)	LBS	kg	Inch	dBA	m/s²	kg/cm²
QE-6111	9/32"-40	3600	0.60	10-7/8"(274)	3.5(99)	90(6.3)	1.9	0.9	3/8"	82	<2.5	1/4"
QE-6111L	9/32"-40	3600	0.60	13-7/8"(351)	3.5(99)	90(6.3)	2.2	1.0	3/8"	82	<2.5	1/4"
QE-6121	9/32"-40	3600	0.60	10-1/4"(259)	3.5(99)	90(6.3)	1.9	0.9	3/8"	82	<2.5	1/4"
QE-6121L	9/32"-40	3600	0.60	12-7/8"(327)	3.5(99)	90(6.3)	2.2	1.0	3/8"	82	<2.5	1/4"

QE-6012
AIR 45° ANGLE DRILL
Chuck type



QE-6012L
AIR 45° ANGLE DRILL
Chuck type



QE-6022
AIR RIGHT ANGLE DRILL
Chuck type



QE-6022L
AIR RIGHT ANGLE DRILL
Chuck type



QE-6112
AIR 45° ANGLE DRILL
Chuck type



QE-6112L
AIR 45° ANGLE DRILL
Chuck type



QE-6122
AIR RIGHT ANGLE DRILL
Chuck type



QE-6122L
AIR RIGHT ANGLE DRILL
Chuck type



Item No.	Chuck Size	No Load Speed	Motor	Overall Length	Avg. Air Consumption	Air Pressure	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch(mm)	R.P.M	HP	inch(mm)	CFM (L/min)	PSI (bar)	LBS	kg	Inch	dBA	m/s²	kg/cm²
QE-6012	1/8"(3)	4000	0.40	10-1/8"(256)	3.0(84)	90(6.3)	1.4	0.6	3/8"	81.5	<2.5	1/4"
QE-6012L	1/8"(3)	4000	0.40	10-1/4"(333)	3.0(84)	90(6.3)	1.7	0.8	3/8"	81.5	<2.5	1/4"
QE-6022	1/8"(3)	4000	0.40	9-1/2"(240)	3.0(84)	90(6.3)	1.4	0.6	3/8"	81.5	<2.5	1/4"
QE-6022L	1/8"(3)	4000	0.40	12-1/8"(308)	3.0(84)	90(6.3)	1.7	0.8	3/8"	81.5	<2.5	1/4"
QE-6112	1/8"(3)	3600	0.60	10-3/4"(274)	3.5(99)	90(6.3)	1.9	0.9	3/8"	82	<2.5	1/4"
QE-6112L	1/8"(3)	3600	0.60	13-7/8"(351)	3.5(99)	90(6.3)	2.2	1.0	3/8"	82	<2.5	1/4"
QE-6122	1/8"(3)	3600	0.60	10-1/4"(259)	3.5(99)	90(6.3)	1.9	0.9	3/8"	82	<2.5	1/4"
QE-6122L	1/8"(3)	3600	0.60	12-7/8"(327)	3.5(99)	90(6.3)	2.2	1.0	3/8"	82	<2.5	1/4"

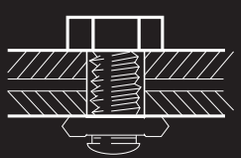
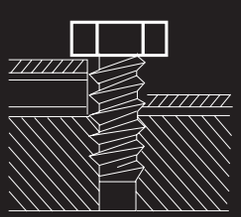
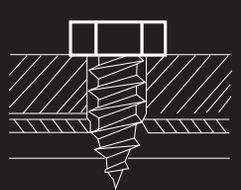
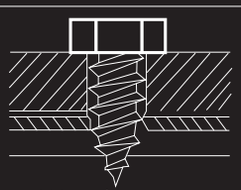
AIR SCREWDRIVER



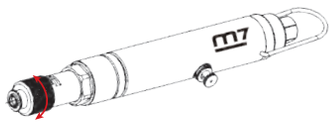


★★ Excellent

★ Good

Joint & Torque Curve	Clutch Type	Model Number					
		M3	M3.5	M4	M5	M6	M8
 Free Running / Hard stop/soft stop	★★ Shut-off Screwdriver	RA-3023	RA-3017	RA-3011	RA-4008		
			RA-3123	RA-4015	RA-5005		
				RA-4021	RA-5008		
				RA-5017	RA-4108		
				RA-3111	RA-4115		
				RA-3117	RA-5015		
				RA-4121	RA-5108		
					RA-5117		
	★ Adjustable Clutch			RA-1131	RA-1151	RA-802	
				RA-1132	RA-2161	RA-302	
				RA-1141			
				RA-1142			
				RA-1162			
				RA-301			
				RA-801			
 Self-Tapping / Thick Material Sheet Metal	★★ Adjustable Clutch			RA-1131	RA-1151	RA-802	
				RA-1132	RA-2161	RA-302	
				RA-1141			
				RA-1142			
				RA-1162			
				RA-301			
				RA-801			
	★ Twin Dog & Twin Hammer			RA-1232	RA-2242	RA-606	RA-2272
				RA-1242	RA-102	RA-201	RA-608
				RA-101			RA-1272
				RA-101C		RA-105	RA-111
 Self-Tapping / Plastic	★★ Adjustable Clutch			RA-1131	RA-1151	RA-802	
				RA-1132	RA-2161	RA-302	
				RA-1141			
				RA-1142			
				RA-1162			
				RA-301			
				RA-801			
	★ Twin Dog			RA-1232	RA-2242	RA-606	RA-2272
				RA-1242	RA-102	RA-201	RA-608
				RA-101		RA-105	RA-1272
				RA-101C			
 Wood screws	★★ Positive Clutch					RA-811	
						RA-402	
	★ Twin Dog			RA-1232	RA-2242	RA-606	RA-2272
				RA-1242	RA-102	RA-201	RA-608
				RA-101		RA-105	RA-1272
				RA-101C			

Clutch Type Series
Extmal Adjustment



RA-1131
AIR SCREWDRIVER ADJUSTABLE CLUTCH
Screw capacity : M4

10 pieces in one carton



RA-1141
AIR SCREWDRIVER ADJUSTABLE CLUTCH
Screw capacity : M4

10 pieces in one carton



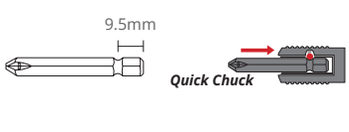
RA-1151
AIR SCREWDRIVER ADJUSTABLE CLUTCH
Screw capacity : M5

10 pieces in one carton



RA-2161
AIR SCREWDRIVER ADJUSTABLE CLUTCH
Screw capacity : M5

10 pieces in one carton





RA-801ET
AIR SCREWDRIVER EXTERNAL ADJUSTABLE
Screw capacity : M4

10 pieces in one carton





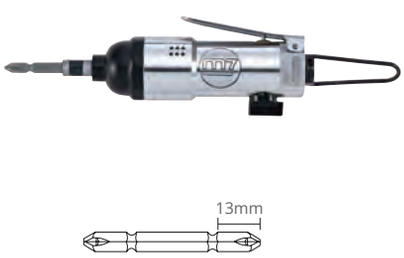


Impact Type Series
Twin Dog Type



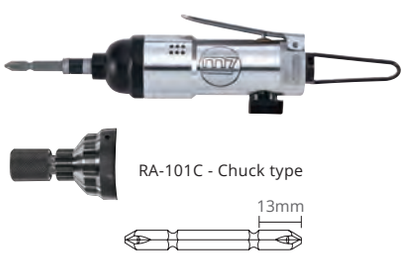
RA-101
Twin dog type
Screw capacity : M4

20 pieces in one carton



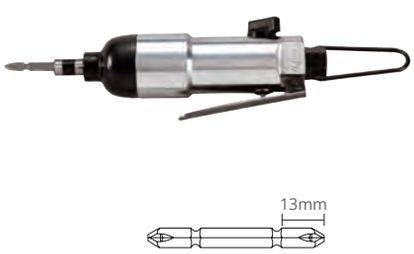
RA-101C
Twin dog type
Screw capacity : M4

20 pieces in one carton



RA-102
Twin dog type
Screw capacity : M5

20 pieces in one carton



RA-105
Twin dog type
Screw capacity : M6

12 pieces in one carton



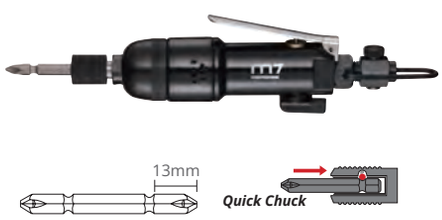
RA-1232
Twin dog type
Screw capacity : M4

10 pieces in one carton

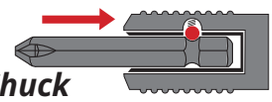


RA-1242
Twin dog type
Screw capacity : M4

10 pieces in one carton



AIR SCREWDRIVER



Quick Chuck

RA-1272

Twin dog type
Screw capacity : M8

10 pieces in one carton



RA-608

Twin dog type
Screw capacity : M8

12 pieces in one carton



RA-201

Twin dog type
Screw capacity : M8

8 pieces in one carton





RA-606

Twin dog type
Screw capacity : M6

12 pieces in one carton





RA-2242

Twin dog type
Screw capacity : M5

10 pieces in one carton





RA-2272

Twin dog type
Screw capacity : M8

10 pieces in one carton





Item No.	Bit Size	Torque Range	No Load Speed	Overall Length	Avg. Air Consumption	Air Pressure	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch(mm)	ft-lb(Nm)	R.P.M	inch(mm)	CFM (L/min)	PSI (bar)	LBS	kg	Inch	dBA	m/s²	Inch
RA-1131	1/4"(6.35)	0.7-2.9(1-4)	1800	9"(228)	4.5(127)	90(6.3)	1.6	0.8	3/8"	80.0	2.3	1/4"
RA-1141	1/4"(6.35)	0.7-2.2(1-3)	800	8-7/8"(226)	4.5(127)	90(6.3)	1.6	0.8	3/8"	80.0	2.3	1/4"
RA-1151	1/4"(6.35)	1.4-3.7(2-5)	1900	9-1/32"(229)	4.5(127)	90(6.3)	2.2	1.0	3/8"	85.0	2.3	1/4"
RA-2161	1/4"(6.35)	1.4-3.7(2-5)	750	7-15/32"(190)	7.5(212)	90(6.3)	2.0	1.0	3/8"	80.0	2.0	1/4"
RA-801ET	1/4"(6.35)	3.8-10.4(5-14)	1700	7-4/5"(198)	17.5(496)	90(6.3)	2.7	1.2	1/4"	93.6	1.35	1/4"
RA-101	1/4"(6.35)	3.7-8.9(5-12)	9000	6-1/2"(166)	6.0(170)	90(6.3)	1.3	0.6	3/8"	85.7	2.2	1/4"
RA-102	1/4"(6.35)	3.7-10.3(5-14)	9000	6-3/4"(172)	6.0(170)	90(6.3)	1.5	0.7	3/8"	86.7	3.7	1/4"
RA-105	1/4"(6.35)	3.7-16.2(5-22)	8500	8-1/4"(208)	8.5(241)	90(6.3)	2.2	1.0	3/8"	96.7	4.9	1/4"
RA-1232	1/4"(6.35)	11-22(15-30)	9000	7-11/16"(195)	4.5(127)	90(6.3)	1.5	0.7	3/8"	80.0	3.2	1/4"
RA-1242	1/4"(6.35)	14-22(19-30)	12500	6-11/16"(170)	5.0(141)	90(6.3)	1.3	0.6	3/8"	89.0	3.9	1/4"
RA-1272	1/4"(6.35)	44-177(60-240)	8000	7-27/32"(200)	9.0(255)	90(6.3)	2.3	1.1	3/8"	97.0	5.1	1/4"
RA-201	1/4"(6.35)	3.7-18.5(5-25)	10000	7"(180)	9.0(255)	90(6.3)	2.7	1.2	3/8"	93.0	5.3	1/4"
RA-606	1/4"(6.35)	3.7-33.2(5-45)	8000	7-4/5"(198)	5.6(160)	90(6.3)	2.2	1.0	3/8"	82.0	2.2	1/4"
RA-608	1/4"(6.35)	3.7-42.8(5-58)	8000	8-9/16"(217)	4.6(130)	90(6.3)	2.9	1.3	3/8"	86.0	3.5	1/4"
RA-2242	1/4"(6.35)	18-26(24.4-35.2)	13000	5-15/16"(150)	7.0(198)	90(6.3)	2.0	0.9	3/8"	88.0	2.7	1/4"
RA-2272	1/4"(6.35)	44-177(59-240)	7700	7-11/16"(195)	8.5(240)	90(6.3)	3.0	1.4	3/8"	93.0	4.9	1/4"

Clutch Type Series
Internal Adjustment



RA-1132
ADJUSTABLE CLUTCH
Screw capacity : M4

10 pieces in one carton



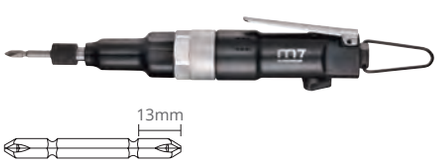
RA-1142
ADJUSTABLE CLUTCH
Screw capacity : M4

10 pieces in one carton



RA-1162
ADJUSTABLE CLUTCH
Screw capacity : M6

10 pieces in one carton



RA-301
ADJUSTABLE CLUTCH
Screw capacity : M4

10 pieces in one carton



RA-302
ADJUSTABLE CLUTCH
Screw capacity : M6

10 pieces in one carton



RA-801
ADJUSTABLE CLUTCH
Screw capacity : M4

10 pieces in one carton



RA-802
ADJUSTABLE CLUTCH
Screw capacity : M6

10 pieces in one carton



Item No.	Bit Size	Torque Range	No Load Speed	Overall Length	Avg. Air Consumption	Air Pressure	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch(mm)	ft-lb(Nm)	R.P.M	inch(mm)	CFM (L/min)	PSI (bar)	LBS	kg	Inch	dBA	m/s²	Inch
RA-1132	1/4"(6.35)	0.7-2.2(1-3)	2200	9-7/32"(235)	6.0(170)	90(6.3)	1.7	0.8	3/8"	80.0	2.3	1/4"
RA-1142	1/4"(6.35)	0.7-2.2(1-3)	1700	9-7/32"(235)	5.0(141)	90(6.3)	1.3	0.6	3/8"	80.0	2.0	1/4"
RA-1162	1/4"(6.35)	1.5-5.9(2-8)	600	10-7/16"(265)	6.0(170)	90(6.3)	2.1	1.0	3/8"	90.0	2.2	1/4"
RA-301	1/4"(6.35)	3.8-10(5-13.5)	1800	7-1/2"(190)	6.0(170)	90(6.3)	2.4	1.1	3/8"	95.3	4.2	1/4"
RA-302	1/4"(6.35)	3.8-12(5-16.3)	800	9"(226)	6.0(170)	90(6.3)	2.9	1.3	3/8"	96.5	2.2	1/4"
RA-801	1/4"(6.35)	3.8-10.4(5-14)	1800	7-3/4"(195)	4.0(113)	90(6.3)	2.7	1.2	3/8"	83.0	4.2	1/4"
RA-802	1/4"(6.35)	3.8-13.3(5-18)	800	8-9/32"(210)	4.0(113)	90(6.3)	2.8	1.3	3/8"	83.0	4.2	1/4"

AIR SCREWDRIVER

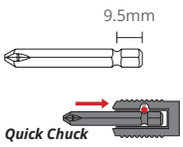
Positive Clutch Type
Non - Adjustable



RA-402
POSITIVE CLUTCH TYPE

Screw capacity : M6

10 pieces in one carton

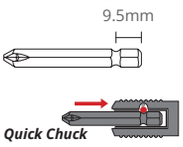




RA-811
POSITIVE CLUTCH TYPE

Screw capacity : M6

10 pieces in one carton





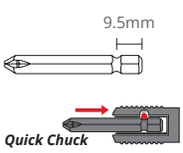
Torque Control or Shutt-off



RA-31/RA-41/RA-51 SERIES
SHUT-OFF SCREWDRIVER

12 pieces in one carton

eversible





RA-30/RA-40/RA-50 SERIES
SHUT-OFF SCREWDRIVER

12 pieces in one carton

eversible





ZT-31
DIGITAL TORQUE TESTER

Torque range 0~14.7Nm

1 pieces in one carton



Item No.	Bit Size	Torque Range	No Load Speed	Overall Length	Avg. Air Consumption	Air Pressure	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch(mm)	ft-lb(Nm)	R.P.M	inch(mm)	CFM (L/min)	PSI (bar)	LBS	kg	Inch	dBA	m/s²	Inch
RA-402	1/4"(6.35)	5-14(6-19)	2200	7-3/32"(180)	3.9(111)	90(6.3)	2.5	1.1	3/8"	91.0	2.3	1/4"
RA-811	1/4"(6.35)	5.0-13.0(6-17)	2100	7"(178)	4.0(113)	90(6.3)	2.5	1.1	3/8"	83.0	3.7	1/4"
RA-3011	1/4"(6.35)	9.7-18.6(1.1-2.1)	1100	7-3/8"(187)	3.2(90.6)	90(6.3)	0.9	0.4	1/4"	70.0	2.0	1/4"
RA-3017	1/4"(6.35)	6.2-13.3(0.7-1.5)	1700	7-3/8"(187)	3.2(90.6)	90(6.3)	0.9	0.4	1/4"	70.0	2.0	1/4"
RA-3023	1/4"(6.35)	3.5-8.8(0.4-1.0)	2300	7-3/8"(187)	3.2(90.6)	90(6.3)	0.9	0.4	1/4"	70.0	2.0	1/4"
RA-4008	1/4"(6.35)	14.1-35.4(1.6-4.0)	800	8-1/4"(209)	3.7(104.8)	90(6.3)	1.4	0.7	1/4"	74.0	2.5	1/4"
RA-4015	1/4"(6.35)	8.8-19.5(1.0-2.2)	1500	8-1/4"(209)	3.7(104.8)	90(6.3)	1.4	0.7	1/4"	74.0	2.5	1/4"
RA-4021	1/4"(6.35)	8.8-15(1.0-1.7)	2100	8-1/4"(209)	3.7(104.8)	90(6.3)	1.4	0.7	1/4"	74.0	2.5	1/4"
RA-5005	1/4"(6.35)	44.2-92.9(5.0-10.5)	480	9-1/2"(240)	4.0(113)	90(6.3)	2.2	1.0	3/8"	75.0	10	1/4"
RA-5008	1/4"(6.35)	26.5-48.7(3.0-5.5)	800	9-1/2"(240)	4.0(113)	90(6.3)	2.2	1.0	3/8"	75.0	10	1/4"
RA-5017	1/4"(6.35)	13.3-23.0(1.5-2.6)	1700	9-1/2"(240)	4.0(113)	90(6.3)	2.2	1.0	3/8"	75.0	10	1/4"
RA-3111	7/64"(2.6)	9.7-18.5(1.1-2.1)	1100	6-11/16"(170)	7.0(198)	90(6.3)	1.6	0.7	1/4"	82.0	0.73	1/4"
RA-3117	1/4"(6.35)	6.2-13.2(0.7-1.5)	1700	6-11/16"(170)	7.0(198)	90(6.3)	1.6	0.7	1/4"	84.0	1.51	1/4"
RA-3123	1/4"(6.35)	3.5-8.8(0.4-1.0)	2300	6-11/16"(170)	7.0(198)	90(6.3)	1.6	0.7	1/4"	84.0	1.34	1/4"
RA-4108	1/4"(6.35)	14.1-35.2(1.6-4.0)	800	6-15/16"(175)	10.5(297)	90(6.3)	1.9	0.9	1/4"	87.5	1.18	1/4"
RA-4115	1/4"(6.35)	8.8-19.4(1.0-2.2)	1500	6-15/16"(175)	10.5(297)	90(6.3)	1.9	0.9	1/4"	85.5	1.59	1/4"
RA-4121	1/4"(6.35)	8.8-13.2(1.0-1.7)	2100	6-15/16"(175)	10.5(297)	90(6.3)	1.9	0.9	1/4"	86.8	1.61	1/4"
RA-5105	1/4"(6.35)	44-92.4(5.0-10.5)	480	7-4/5"(198)	17.5(496)	90(6.3)	2.7	1.2	1/4"	93.1	0.48	1/4"
RA-5108	1/4"(6.35)	26.4-48.4(3.0-5.5)	800	7-4/5"(198)	17.5(496)	90(6.3)	2.7	1.2	1/4"	93.6	0.93	1/4"
RA-5117	1/4"(6.35)	13.2-23(1.5-2.6)	1700	7-4/5"(198)	17.5(496)	90(6.3)	2.7	1.2	1/4"	93.6	1.35	1/4"

SPRING BALANCER

SP-3400
SP-3500

2 pieces in one carton



SP-3600
SP-3700
SP-3900
SP-31050
SP-31200

2 pieces in one carton

SP-3600/SP-3700

1 pieces in one carton

SP-3900/SP-31050/SP-31200



SP-3030/SP-3050
SP-3070/SP-3090
SP-3150/SP-3220
SP-3300

10 pieces in one carton

SP-3030/SP-3050/SP-3070

4 pieces in one carton

SP-3090/SP-3150

2 pieces in one carton

SP-3220/SP-3300



SP-101/SP-102
SP-103/SP-104
SP-105/SP-111
SP-112/SP-113

30 pieces in one carton



SP-212
SP-213

30 pieces in one carton



Item No.	Capacity	Travel	Rope	Rope Dia	Weight
	kg	m		mm	kg
SP-3400	30-40	1.5	Cable	4.8	9.7
SP-3500	40-50	1.5	Cable	4.8	10.1
SP-3600	50-60	1.5	Cable	4.8	11.1
SP-3700	60-70	1.5	Cable	4.8	11.4
SP-3900	70-90	2	Cable	4.8	22.2
SP-31050	90-105	2	Cable	4.8	23.8
SP-31200	105-120	2	Cable	4.8	27.4
SP-3030	1.5-3.0	1.3	Cable	3.2	1.7
SP-3050	3.0-5.0	1.3	Cable	3.2	1.8
SP-3070	5.0-7.0	1.3	Cable	3.0	1.9
SP-3090	5.0-9.0	1.3	Cable	4.0	3.6
SP-3150	9.0-15.0	1.3	Cable	4.0	3.6
SP-3220	15.0-22.0	1.3	Cable	4.8	7.7
SP-3300	22.0-30.0	1.3	Cable	4.8	8.3
SP-101	0.3-0.8	1.4	Cable	2.5	0.5
SP-102	0.6-1.5	1.4	Cable	2.5	0.5
SP-103	1.0-2.0	1.4	Cable	2.5	0.5
SP-104	1.5-3.0	1.4	Cable	3.2	0.8
SP-105	3.0-5.0	1.4	Cable	3.2	0.8
SP-111	0.3-0.8	1.4	Nylon	4.0	0.5
SP-112	0.6-1.5	1.4	Nylon	4.0	0.5
SP-113	1.0-2.0	1.4	Nylon	4.0	0.5
SP-212	0.3-1.2	1.4	Nylon	4.0	0.6
SP-213	0.8-2.0	1.4	Nylon	4.0	0.6

AIR HAMMER

SC-211C
AIR HAMMER ROUND SHANK

8 pieces in one carton

- SC-4 chisel kit is provided along with the tool.



SC-221C
AIR HAMMER HEX SHANK

8 pieces in one carton

- SC-4 chisel kit is provided along with the tool.



SC-212C
AIR HAMMER ROUND SHANK

8 pieces in one carton

- SC-4 chisel kit is provided along with the tool.



SC-222C
AIR HAMMER HEX SHANK

8 pieces in one carton

- SC-4 chisel kit is provided along with the tool.



SC-331C
AIR HAMMER HEX SHANK
LOW VIBRATION AIR HAMMER

10 pieces in one carton

- Extremely low vibration level.
- SC-4 chisel kit is provided along with the tool.



SC-341C
AIR HAMMER HEX SHANK
LOW VIBRATION AIR HAMMER

10 pieces in one carton

- Extremely low vibration level.
- SC-4 chisel kit is provided along with the tool.



SC-332C
AIR HAMMER HEX SHANK
LOW VIBRATION AIR HAMMER

10 pieces in one carton

- SC-4 chisel kit is provided along with the tool.



SC-342C
AIR HAMMER HEX SHANK
LOW VIBRATION AIR HAMMER

10 pieces in one carton

- SC-4 chisel kit is provided along with the tool.



SC-371
AIR HAMMER

8 pieces in one carton

- Do not include the chisel



SC-371C
AIR HAMMER

8 pieces in one carton

- Include the chisel



HAMMER CHISEL

SC-9406R 3/16″ | SC-9405R 5/32″ | SC-9404R 1/8″ | SC-9403R 3/32″ | SC-9432R 1″





Item No.	Shank	Chunk Size	Stroke Length	Blow Minute	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
		inch(mm)	mm	b.p.m	CFM (L/min)	PSI (bar)	inch(mm)	LBS	kg	Inch	dBA	m/s²	Inch
SC-211C	●	3/8″(10.2)	67	3200	4.0(113)	90(6.3)	6-7/8″(175)	3.7	1.7	3/8″	98.0	12.3	1/4″
SC-221C	⬣	3/8″(10)	67	3200	4.0(113)	90(6.3)	6-7/8″(175)	3.7	1.7	3/8″	98.0	12.3	1/4″
SC-212C	●	3/8″(10.2)	89	2200	4.0(113)	90(6.3)	8-7/8″(225)	4.4	2.0	3/8″	94.7	13.2	1/4″
SC-222C	⬣	3/8″(10)	89	2200	4.0(113)	90(6.3)	8-7/8″(225)	4.4	2.0	3/8″	94.7	13.2	1/4″
SC-331C	●	3/8″(10.2)	71	3000	7.8(220)	90(6.3)	7-31/64″(190)	3.7	1.7	1/4″	92.0	9.5	1/4″
SC-332C	●	3/8″(10.2)	92	2200	8.2(232)	90(6.3)	8-63/64″(228)	4.4	2.0	3/8″	94.0	10.6	1/4″
SC-341C	⬣	3/8″(10)	71	3000	7.8(190)	90(6.3)	7-31/64″(190)	3.7	1.7	3/8″	92.0	9.5	1/4″
SC-342C	⬣	3/8″(10)	92	2200	8.2(232)	90(6.3)	8-63/64″(228)	4.4	2.0	3/8″	94.0	10.6	1/4″
SC-371	●	3/8″(10.2)	62.5	3000	7.8(180)	90(6.3)	7-1/8″(180)	3.7	1.7	3/8″	95.0	8.8	1/4″



SN-1032

AIR FLUX CHIPPER

12 pieces in one carton

- Include the chisel



SC-05C[SET]

5 pieces in one carton

- 1pc- Air Hammer (Various Selections)
- 5pcs-Chisel Kits
- 1pc- Spring Retainer



Item No.	Shank	Contents
SC-0517C	Round Shank	SC-211C
SC-0527C	Round Shank	SC-212C

SC-06C[SET]

5 pieces in one carton

- 1pc- Air Hammer (Various Selections)
- 5pcs-Chisel Kits
- 1pc- Spring Retainer



Item No.	Shank	Contents
SC-0617C	Hex Shank	SC-221C
SC-0627C	Hex Shank	SC-222C

SC-33C

NEEDLE SCALER ADAPTOR

FOR AIR HAMMER TOOLS USE ROUND/HEX

19pcs Ø 3 mm x 180 mm

20 pieces in one carton

- SC-33C - / Round Shank



SC-34C

NEEDLE SCALER ADAPTOR

FOR AIR HAMMER TOOLS USE ROUND/HEX

19pcs Ø 3 mm x 180 mm

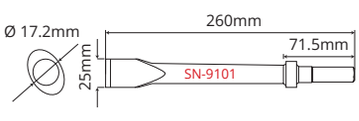
20 pieces in one carton

- SC-34C - / Hex Shank



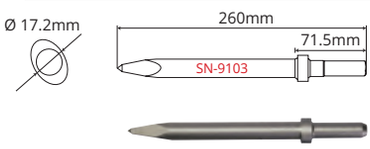
SN-9101

CHISEL FOR SN-31/SN-32 SERIES



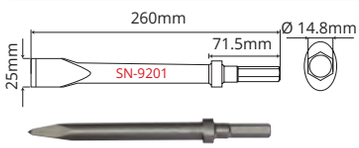
SN-9103

CHISEL FOR SN-31/SN-32 SERIES



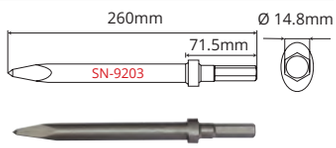
SN-9201

CHISEL FOR SN-31/SN-32 SERIES



SN-9203

CHISEL FOR SN-31/SN-32 SERIES



Item No.	Shank	Chunk Size	Stroke Length	Blow Minute	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
		inch(mm)	mm	b.p.m	CFM (L/min)	PSI (bar)	inch(mm)	LBS	kg	Inch	dBA	m/s²	Inch
SN-1032	■	0.51(13)	33	4000	4.23(120)	90(6.3)	11-1/2"(290)	2.9	1.3	3/8"	91.0	14.5	1/4"

AIR HAMMER

SN-3111C
ROUND SHANK

2 pieces in one carton
• include the chisel



SN-3112C
ROUND SHANK

2 pieces in one carton
• include the chisel



SN-3113C
ROUND SHANK

2 pieces in one carton
• include the chisel



SN-3114C
ROUND SHANK

2 pieces in one carton
• include the chisel



SN-3121C
HEX SHANK

2 pieces in one carton
• include the chisel



SN-3122C
HEX SHANK

2 pieces in one carton
• include the chisel



SN-3123C
HEX SHANK

2 pieces in one carton
• include the chisel



SN-3124C
HEX SHANK

2 pieces in one carton
• include the chisel



SN-3212C
ROUND SHANK

2 pieces in one carton
• include the chisel



SN-3213C
ROUND SHANK

2 pieces in one carton
• include the chisel



SN-3214C
ROUND SHANK

2 pieces in one carton
• include the chisel



SN-3222C
HEX SHANK

2 pieces in one carton
• include the chisel



SN-3223C
HEX SHANK

2 pieces in one carton
• include the chisel



SN-3224C
HEX SHANK

2 pieces in one carton
• include the chisel



Item No.	Shank	Chunk Size	Stroke Length	Blow Minute	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
		inch(mm)	mm	b.p.m	CFM (L/min)	PSI (bar)	inch(mm)	LBS	kg	Inch	dBA	m/s²	Inch
SN-3111C	●	0.68(17.2)	75	2500	10.0(283)	90(6.3)	15-1/2"(395)	15.4	7.0	1/2"	115.3	8.0	1/2"
SN-3121C	⬢	0.58(14.8)	75	2500	10.0(283)	90(6.3)	15-1/2"(395)	15.4	7.0	1/2"	115.3	8.0	1/2"
SN-3112C	●	0.68(17.2)	90	2300	20.0(566)	90(6.3)	16"(405)	16.1	7.3	1/2"	114.3	9.4	1/2"
SN-3122C	⬢	0.58(14.8)	90	2300	20.0(566)	90(6.3)	16"(405)	16.1	7.3	1/2"	114.3	9.4	1/2"
SN-3113C	●	0.68(17.2)	127	2000	22.0(622.6)	90(6.3)	17-3/4"(450)	17.6	8.0	1/2"	113.3	4.8	1/2"
SN-3123C	⬢	0.58(14.8)	127	2000	22.0(622.6)	90(6.3)	17-3/4"(450)	17.6	8.0	1/2"	113.3	4.8	1/2"
SN-3114C	●	0.68(17.2)	154	1600	24.0(679.2)	90(6.3)	18-1/2"(470)	18.3	8.3	1/2"	114.1	6.2	1/2"
SN-3124C	⬢	0.58(14.8)	154	1600	24.0(679.2)	90(6.3)	18-1/2"(470)	18.3	8.3	1/2"	114.1	6.2	1/2"
SN-3212C	●	0.68(17.2)	78	2300	20.0(566)	90(6.3)	14-5/8"(373)	17.2	7.8	1/2"	114.3	9.4	1/2"
SN-3222C	⬢	0.58(14.8)	78	2300	20.0(566)	90(6.3)	14-5/8"(373)	17.2	7.8	1/2"	114.3	9.4	1/2"
SN-3213C	●	0.68(17.2)	119	1900	22.0(622.6)	90(6.3)	16-1/2"(419)	18.7	8.5	1/2"	113.3	4.8	1/2"
SN-3223C	⬢	0.58(14.8)	119	1900	22.0(622.6)	90(6.3)	16-1/2"(419)	18.7	8.5	1/2"	113.3	4.8	1/2"
SN-3214C	●	0.68(17.2)	142	1700	24.0(679.2)	90(6.3)	17-1/2"(445)	19.4	8.8	1/2"	114.1	6.2	1/2"
SN-3224C	⬢	0.58(14.8)	142	1700	24.0(679.2)	90(6.3)	17-1/2"(445)	19.4	8.8	1/2"	114.1	6.2	1/2"

AIR NEEDLE SCALER



SN-1268
AIR NEEDLE SCALER

6 pieces in one carton



SN-1288 TOP
AIR NEEDLE SCALER

10 pieces in one carton



SN-1368
AIR NEEDLE SCALER

6 pieces in one carton



SN-2124
AIR PISTOL GRIP NEEDLE SCALER

6 pieces in one carton



SN-2128
AIR PISTOL GRIP NEEDLE SCALER

6 pieces in one carton



SN-2110
AIR PISTOL GRIP NEEDLE SCALER

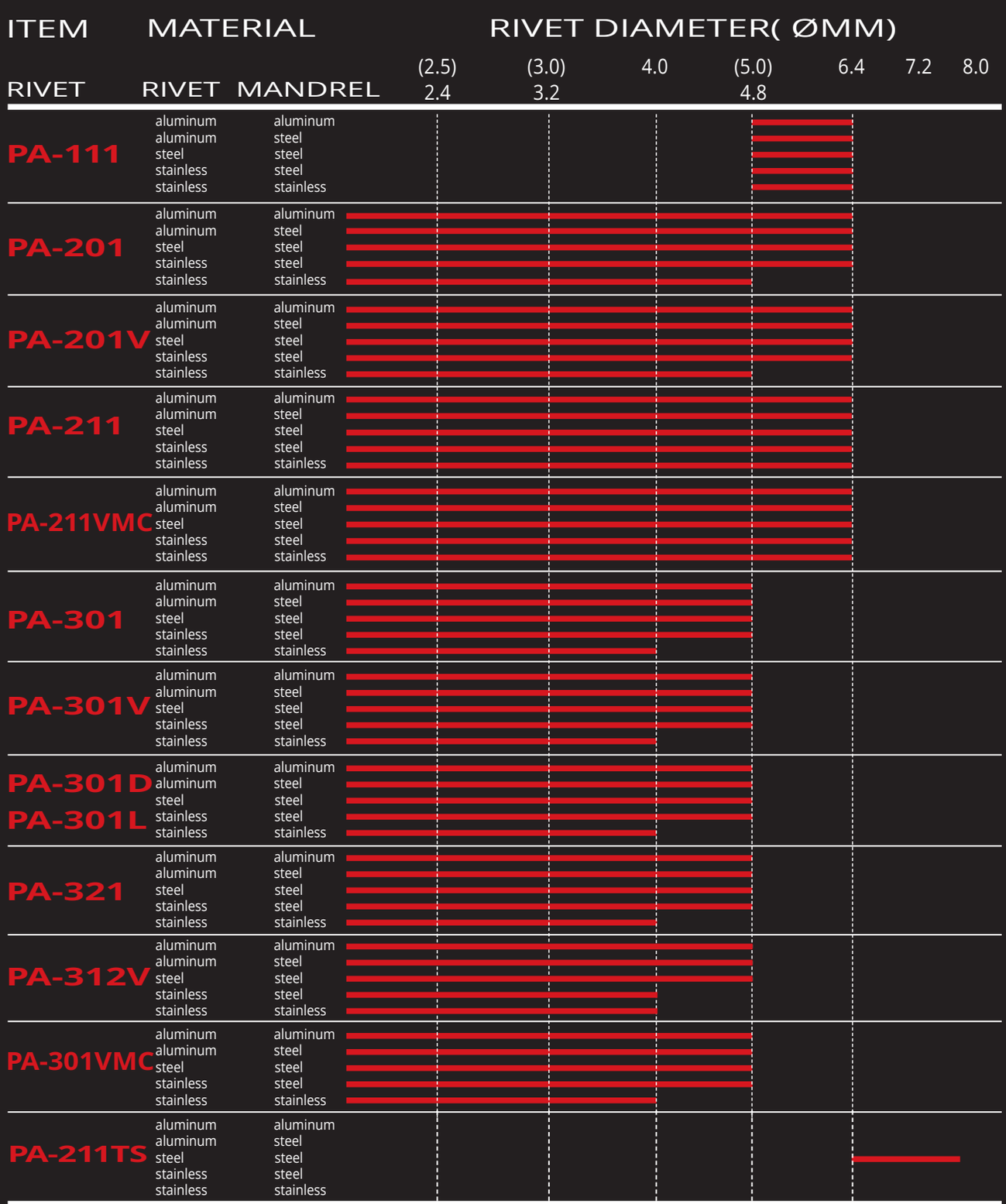
6 pieces in one carton

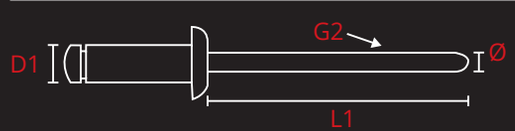


Item No.	Needle Diameter	Numbers of Needle	Stroke Length	Blow Per Minute	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	mm	inch(mm)	mm	b.p.m	CFM (L/min)	PSI (bar)	inch(mm)	LBS	kg	Inch	dBA	m/s²	Inch
				bpm			L	lb	kg				
SN-1268	3x180	19	28	4600	15(424)	90(6.3)	18-1/8"(460)	6.2	2.8	3/8"	91.0	13.7	1/4"
SN-1288	3x125	12	32	5500	3(85)	90(6.3)	11-3/8"(290)	2.9	1.3	3/8"	86.0	7.7	1/4"
SN-1368	3x180	19	27	3400	16(453)	90(6.3)	17"(430)	5.9	2.7	3/8"	91.0	13.7	1/4"
SN-2110	3x180	19	33	3700	15(424)	90(6.3)	13"(330)	6.1	2.8	3/8"	97.0	9.7	1/4"
SN-2124	3x180	23	27	4000	7.4(209)	90(6.3)	13-9/16"(350)	7.9	3.6	3/8"	99.0	14.8	3/8"
SN-2128	3x180	28	28	3500	7.4(198)	90(6.3)	13-9/16"(335)	6.2	2.8	3/8"	100.0	8.1	3/8"

AIR HYDRAULIC RIVETER

AIR HYDRAULIC RIVETER





Hydramlic cylinder Recommended Oil

SHELL Tellus NO.46
ESSO Teresso NO.46
MOBIL D.T.E 25 oil
USM Spec NO.300B Oil
CPC Circulation Oil R68

	Rivet (D1)	Mandrel (L1)	Rivet Dia. (Ø)
Blind Rivet	2.4mm	above27mm	1.42~1.51(G2)
	3.2mm	above28mm	1.83~1.92(G2)
	4.0mm	above29mm	2.28~2.42(G2)
	4.8mm	above30mm	2.64~2.91(G2)
	6.4mm	above30mm	3.84~4.15(G2)
PA-211TS	6.4mm	above40mm	3.84~4.15(G2)
	8.0mm	above40mm	4.35~4.65(G2)

PA-111

3 pieces in one carton



PA-201

6 pieces in one carton



PA-201V

Vaccum type

6 pieces in one carton



PA-211

6 pieces in one carton



PA-321

6 pieces in one carton



PA-312V

Vaccum type

6 pieces in one carton



PA-301V

Vaccum type

6 pieces in one carton



PA-301 TOP

10 pieces in one carton



PA-301D

2 pieces in one carton

Slim tube



PA-301L

Ext. tube



PA-203N

6 pieces in one carton





PA-MC

AUTOMATIC MANDREL COLLECTION

CONTENTS

- 3/32"(2.4mm) 220pcs
- 1/8" (3.2mm) 160pcs
- 5/32"(4.0mm) 110pcs
- 3/16"(4.8mm) 80pcs



PE-MC

AUTOMATIC MANDREL COLLECTION



Item No.	Traction Power	Stroke Length	Capacity	Avg. Air Consumption	Air Pressure	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	lb.-f(kg.-f)	mm	mm	L/cycle	PSI (bar)	LBS	kg	Inch	dBA	m/s^2	Inch
PA-111	4100(1860)	26	4.8-6.4	2.88	90(6.3)	6.6	3.0	3/8"	82.0	0.8	1/4"
PA-201	3534(1603)	14	2.4-6.4	2.32	90(6.3)	3.9	1.8	3/8"	79.7	0.5	1/4"
PA-201V	3534(1603)	14	2.4-6.4	2.32	90(6.3)	3.9	1.8	3/8"	79.7	0.5	1/4"
PA-211	3748(1700)	18	2.4-6.4	2.9	90(6.3)	3.8	1.8	3/8"	79.7	0.8	1/4"
PA-321	2612(1185)	22	2.4-4.8	1.48	90(6.3)	3.3	1.5	3/8"	79.7	0.4	1/4"
PA-312V	1983(900)	18	2.4-4.8	1.8	90(6.3)	3.8	1.7	3/8"	75.3	0.4	1/4"
PA-301V	2303(1045)	16	2.4-4.8	1.48	90(6.3)	3.3	1.5	3/8"	79.7	0.3	1/4"
PA-301	2303(1045)	16	2.4-4.8	1.48	90(6.3)	3.3	1.5	3/8"	79.7	0.3	1/4"
PA-301D	2303(1045)	16	2.4-4.8	1.48	90(6.3)	3.3	1.5	3/8"	79.7	0.3	1/4"
PA-301L	2303(1045)	16	2.4-4.8	1.48	90(6.3)	3.3	1.5	3/8"	79.7	0.3	1/4"
PA-203	2640(1200)	16	3.2-6.4	1.48	90(6.3)	3.3	1.5	3/8"	79.7	0.5	1/4"

AIR HYDRAULIC RIVETER



PB-2601
AIR HYDRAULIC NUT SETTER

5 pieces in one carton

- Fully automatic rivet gun functionality.





PA-211TS
AIR HYDRAULIC RIVETER

6 pieces in one carton



PB-2402
AIR HYDRAULIC RIVET NUT TOOL

6 pieces in one carton



PB-1305
AIR RIVET NUT TOOL

12 pieces in one carton



PB-1308
AIR RIVET NUT TOOL

12 pieces in one carton



PB-1310
AIR RIVET NUT TOOL

12 pieces in one carton



PB-1312
AIR RIVET NUT TOOL

12 pieces in one carton



Item No.	Traction Power	No Load Speed	Stroke Length	Capacity	Avg. Air Consumption	Air Pressure	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	lb.-f(kg.-f)	R.P.M	mm	mm	L/cycle	PSI (bar)	LBS	kg	Inch	dBA	m/s²	Inch
PB-2601	4300(594.5)	3500	0-7.0	M3-M12	7.5	90(6.3)	5.4	2.5	3/8"	80	1.2	1/4"
PA-211TS	3748(1700)	---	18	6.4&8.0	2.90	90(6.3)	3.8	1.8	3/8"	79.7	0.8	1/4"
PB-2402	3638(1650)	---	9	Steel M4.M10 Stainless M4.M8	1.50	90(6.3)	3.4	1.6	3/8"	82.0	0.8	1/4"
PB-1305	---	1200	---	M3.M4.M5	7.8	90(6.3)	2.4	1.1	3/8"	86.0	1.6	1/4"
PB-1308	---	600	---	M6.M8	7.8	90(6.3)	2.9	1.3	3/8"	86.0	1.6	1/4"
PB-1310	---	400	---	M8.M10	7.8	90(6.3)	2.8	1.3	3/8"	86.0	1.6	1/4"
PB-1312	---	400	---	M10.M12	7.8	90(6.3)	2.8	1.3	3/8"	86.0	1.6	1/4"

RIVETER ADAPTOR
RIVET NUT ADAPTOR

PB-9006
M6 RIVET NUT ADAPTOR

PA-9048
4.8mm (3/16") RIVET ADAPTOR

PB-9010
M10 RIVET NUT ADAPTOR

PA-9064
6.35mm (1/4") RIVET ADAPTOR



PA-9048PT
RIVETER ADAPTOR

PA-48PB06T
RIVETER ADAPTOR + RIVET NUT ADAPTOR

PB-9006PT
RIVET NUT ADAPTOR



PB-9006P
M6 RIVET NUT ADAPTOR

PA-9048P
4.8mm (3/16") RIVET ADAPTOR

PB-9010P
M10 RIVET NUT ADAPTOR

PA-9064P
6.35mm (1/4") RIVET ADAPTOR





Assembling And Using Before First Use

Remove the unit and the accessory out of the packaging. Keep packaging materials out of reach of children.
There is risk of suffocation.



TECHNICAL DATA

PA-9064

Dimensions	59mm x 173mm(2-11/16" x 6-3/4")
Net Weight	330g=0.73 lbs
Gross Weight	500g=1.10 lbs
Nosepiece	3.2mm(1/8"), 4.0mm(5/32")
Nosepiece	4.8mm(3/16"), 6.4mm(1/4")
Hex Shank	1/4"(6.35mm)
Cordless Drill	14.4V, 18V
Cordless Drive	14.4V, 18V
Reversible electric	1/2"Drill
Reversible pneumatic	1/2"Drill
Min. Torque Strength	50 Nm = 37 ft/lbs
Max. rpm	1000 rpm

1. Hex Shank	1/4" (6.35mm)
2. Housing	PA+GF
3. Nosepiece	3.2mm, 4.0mm, 4.8mm, 6.4mm
4. Sight Window	Blind Rivet Loading
5. Wrench	1PC
6. Handle	1PC

PB-9006

Dimensions	59mm x 172mm(2-11/32" x 6-25/32")
Net Weight	280g=0.62 lbs
Nosepiece	M3.M4.M5.M6
Hex Shank	1/4"(6.35mm)
Cordless Drill	12V, 14.4V
Cordless Drive	12V, 14.4V
Reversible electric	Drill(Advice 500W)
Reversible pneumatic	Drill(Advice 3/8")
Min. Torque Strength	15 Nm = 11 ft/lbs
Max. rpm	1000 rpm

PA-9048

Dimensions	59mm x 158mm(2-11/32" x 6-1/4")
Net Weight	318g=0.70 lbs
Gross Weight	368g=0.81 lbs
Nosepiece	2.4mm(3/32"), 3.2mm(1/8")
Nosepiece	4.0mm(5/32"), 4.8mm(3/16")
Hex Shank	1/4"(6.35mm)
Cordless Drill	12V, 14.4V, 18V
Cordless Drive	12V, 14.4V, 18V
Reversible electric	3/8"Drill
Reversible pneumatic	3/8"Drill
Min. Torque Strength	11 Nm = 8 ft/lbs
Max. rpm	1000 rpm

1. Hex Shank	1/4" (6.35mm)
2. Housing	PA+GF
3. Nosepiece	2.4mm, 3.2mm, 4.0mm, 4.8mm
4. Sight Window	Blind Rivet Loading
5. Wrench	1PC

PB-9010

Dimensions	59mm x 180mm(2-11/32" x 7-3/32")
Net Weight	350g=0.77 lbs
Nosepiece	M6.M8.M10
Hex Shank	1/4"(6.35mm)
Cordless Drill	14.4V
Cordless Drive	18V
Reversible electric	Drill(Advice 500W)
Reversible pneumatic	Drill(Advice 1/2")
Min. Torque Strength	100 Nm = 73.7 ft/lbs
Max. rpm	800 rpm

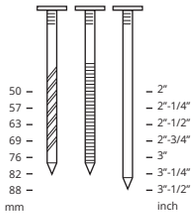
AIR NAILER & AIR STAPLER

SJ-FN90E

AIR FRAMING NAILER 34°

2 pieces in one carton



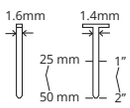


Item No.	Collated	Nail Head	Nail Length	Shank Dia		Load Capacity	Working Pressure	Weight	Air Inlet
			mm(inch)	mm	mm	Nails	PSI	kg	Inch
SJ-FN90E	Paper/Wire	Clipped Head	50-90(2"~3-1/2")	2.9	3.3	75-105	90	3.9	1/4"

SJ-1650T

AIR NAILER SAFETY TRIGGER

5 pieces in one carton

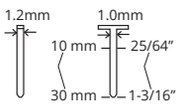




SJ-1830F

AIR NAILER SAFETY TRIGGER

10 pieces in one carton

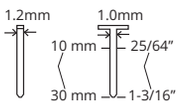




SJ-C1830F

AIR NAILER SAFETY TRIGGER

10 pieces in one carton

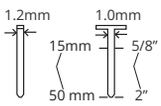




SJ-1850F

AIR NAILER SAFETY TRIGGER

10 pieces in one carton

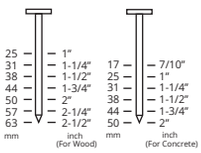




SJ-TN64

AIR CONCRETE NAILER

4 pieces in one carton

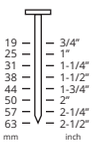




SJ-BNF1664

AIR BRAD NAILER

10 pieces in one carton

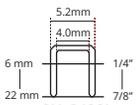




SU-C422J

AIR NAILER

10 pieces in one carton



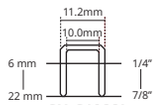
SU-C422J



SU-C1022J

AIR NAILER

10 pieces in one carton



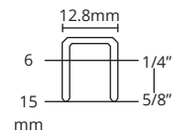
SU-C1022J



Item No.	Head Dia.	Gauge	Nail Length	Crown		Shank (Thickness/Width)		Load Capacity	Working Pressure	Weight	Air Inlet
	mm		mm(inch)	mm	mm	mm	mm	Nails	PSI	kg	Inch
SJ-1650T	2.8	16	20-50(3/4"~2")	---	---	1.4	1.60	100	90	2.4	1/4"
SJ-1830F	1.9	18	10-30(3/8"~1-2/11")	---	---	1.0	1.2	100	90	1.2	1/4"
SJ-1850F	---	18	16-50(8/5"~2")	---	---	1.0	1.2	100	90	1.4	1/4"
SJ-TN64	7.5	13	(18~64)	---	---	2.5	2.50	80	90	2.4	1/4"
SJ-BNF1664	2.8	16	(20~64)	---	---	1.4	1.60	100	90	2.4	1/4"
SU-C422J	---	20	6-22(1/4"~7/8")	4	0.6x1.2	---	---	100	90	1.2	1/4"
SU-C1022J	1.9	20	6-22(1/4"~7/8")	10	0.6x1.2	---	---	100	90	1.2	1/4"

SU-8016
AIR STAPLER
SAFETY TRIGGER

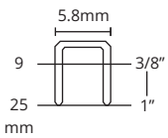
10 pieces in one carton





SU-9025
AIR STAPLER
SAFETY TRIGGER

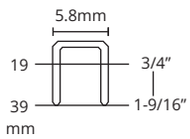
10 pieces in one carton





SU-9040
AIR STAPLER
SAFETY TRIGGER

4 pieces in one carton





Item No.	Gauge	Nail Length	Crown		Load Capacity	Working Pressure	Weight	Air Inlet
		mm(inch)	mm	mm	Nails	PSI	kg	Inch
SU-8016	21	6-16(1/4"~5/8")	12.8	0.65x0.95	100	90	0.9	1/4"
SU-9025	18	10-25(3/8"~1")	5.8	1.0x1.25	100	90	1.1	1/4"
SU-9040	18	10-40(3/4"~1-9/16")	5.8	1.2x1.25	100	90	2.2	1/4"

SU-H3218S
HAND CARTON STAPLER

5 pieces in one carton



SU-H3222S
HAND CARTON STAPLER

5 pieces in one carton



SU-H3518S
HAND CARTON STAPLER

5 pieces in one carton



SU-H3522S
HAND CARTON STAPLER

5 pieces in one carton



SU-A3218S
AIR CARTON STAPLER

5 pieces in one carton



SU-A3222S
AIR CARTON STAPLER

5 pieces in one carton



SU-A3518S
AIR CARTON STAPLER

5 pieces in one carton



SU-A3522S
AIR CARTON STAPLER

5 pieces in one carton



Item No.	Dimensions	Nail Length	Crown	Shank (Thickness/Width)		Load Capacity	Working Pressure	Weight
	mm	mm(inch)	mm	mm	mm	Nails	PSI	kg
SU-A3518S	200x102x400	15 & 18	34.8	0.9	2.2	100	90	2.5
SU-A3522S	200x102x400	22	34.8	0.9	2.2	100	90	2.5
SU-A3218S	200x102x400	15 & 18	32.1	0.9	1.9	100	90	2.5
SU-A3222S	200x102x400	22	32.1	0.9	1.9	80	90	2.5
SU-H3518S	310x102x460	15 & 18	34.8	0.9	2.2	100	---	2.2
SU-H3522S	310x102x460	22	34.8	0.9	2.2	100	---	2.2
SU-H3218S	310x102x460	15 & 18	32.1	0.9	1.9	100	---	2.2
SU-H3222S	310x102x460	22	32.1	0.9	1.9	100	---	2.2

AIR NAILER & AIR STAPLER

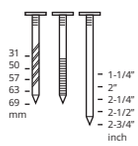


SJ-CN55

COIL NAILER SAFETY TRIGGER

4 pieces in one carton

- Ideal for pallet assembly and manufacturing.

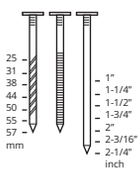




SJ-CN57

57mm AIR COIL NAILER SAFETY TRIGGER

4 pieces in one carton

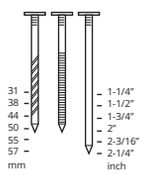




SJ-CN65

65mm AIR COIL NAILER SAFETY TRIGGER

4 pieces in one carton

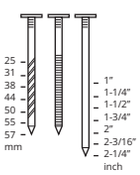




SJ-CN70

COIL NAILER SAFETY TRIGGER

4 pieces in one carton

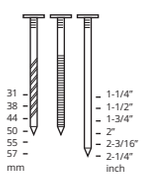




SJ-CN90

AIR COIL NAILER

4 pieces in one carton





Item No.	Shank Dia.	Head Dia.	Nail Length	Collated	Driving Power	Load Capacity	Dimensions	Working Pressure	Weight	Air Inlet
	mm	mm	mm		(ft-lb)		(HxWxL)mm	PSI	kg	Inch
SJ-CN55	2.1-2.3	5.0-5.7	25-57	Wire	36.54	300-350	283x131x270	90	2.8	1/4"
SJ-CN57	2.1-2.3	5.0-6.0	25-57	Wire/Plastic Sheet	36.40	200-300	310x130x300	90	2.2	1/4"
SJ-CN65	2.3-2.5	5.0-6.0	32-65	Wire/Plastic Sheet	39.70	200-300	330x130x300	90	2.3	1/4"
SJ-CN70	2.3-2.9	5.7-7.0	45-70	Wire	61.07	150-300	303x129x307	90	3.7	1/4"
SJ-CN90	2.5-3.3	6.0-7.2	50-90	Wire	79.43	150-300	375x125x340	90	3.7	1/4"

AIR GREASE GUN

SG-400C
COMPOSITE AIR GREASE GUN

10 pieces in one carton



SG-400
AIR GREASE GUN

10 pieces in one carton



SG-500
AIR GREASE GUN

10 pieces in one carton



SG-401
AIR GREASE GUN

Continuous type

10 pieces in one carton

- Trigger lock allows continuous grease application.



SG-501
AIR GREASE GUN

Continuous type

10 pieces in one carton

- Trigger lock allows continuous grease application.



SG-405
AIR GREASE GUN

10 pieces in one carton

- SG-400 + SG-902 400ml
- Key Spec :
- Single shot type
- 19.6mm & 33.6mm
- Thread Adapter Included



SG-407
AIR GREASE GUN

Continuous type

10 pieces in one carton

- SG-401 + SG-902 400ml
- Key Spec :
- Single shot type
- 19.6mm & 33.6mm
- Thread Adapter Included



SG-902
GREASE TUBE ADAPTER







SG-910
90° GREASE COUPLER

- 1/8 x 27 Thread



SG-910S
90° GREASE COUPLER

- 1/8 x 27 Thread



SG-911
360° SWIVEL GREASE COUPLER

- 1/8 x 27 Thread



SG-912
QUICK RELEASE GREASE COUPLER

- 1/8 x 27 Thread



SG-912L
QUICK RELEASE GREASE COUPLER

- 1/8 x 27 Thread



Item No.	Working Pressure	Proof Pressure	Capacity	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	kgf/cm²	kgf/cm²	C.C	LBS	kg	Inch	dBA	m/s²	Inch
SG-400	2.8-8.4	10.5	400	3.2	1.5	3/8"	80.2	0.7	1/4"
SG-500	2.8-8.4	10.5	500	3.5	1.6	3/8"	80.2	0.7	1/4"
SG-400C	2.8-8.4	10.5	400	2.2	1.0	3/8"	81.4	0.6	1/4"
SG-401	2.8-8.4	10.5	400	3.5	1.6	3/8"	74.0	2.0	1/4"
SG-501	2.8-8.4	10.5	500	3.7	1.7	3/8"	74.0	2.0	1/4"

AIR BLOW GUN

JC-202
AIR BLOW GUN

60 pieces in one carton



JC-405
AIR BLOW GUN

100 pieces in one carton



JC-410
AIR BLOW GUN

50 pieces in one carton



JC-412
AIR BLOW GUN

50 pieces in one carton



JC-424
AIR BLOW GUN

50 pieces in one carton



JC-435
AIR BLOW GUN

50 pieces in one carton



JC-491
STANDARD SAFETY TIP

- Available with JC-491 for JC-405, JC-410, JC-412, JC-424, JC-435



JC-602
HIGH VOLUME AIR BLOW GUN

20 pieces in one carton



JC-640
SUPER AIR BLOW GUN

30 pieces in one carton



JC-641
SUPER AIR BLOW GUN

30 pieces in one carton



JC-680
SUPER AIR BLOW GUN

30 pieces in one carton



JC-0415[SET]
AIR BLOW GUN

4 set in one carton

- Contents
  JC-405 15PCS



JC-0424[SET]
AIR BLOW GUN

4 set in one carton

- Contents
  JC-405 8PCS
  JC-410 8PCS
  JC-412 8PCS



Item No.	Nozzle Length	Working Pressure	Max Pressure	Avg. Air Consumption	Avg. Air Consumption	Net Weight		Air Hose	Sound Pressure	Air Inlet
	inch	PSI(bar)	PSI(bar)	CFM(L/min)	CFM(L/min)	LBS	kg	Inch	dBA	Inch
	L		MAX	1/4" Hous	3/8" Hous	lb	kg			
JC-202	7"-12"	90-120(6.2-8.5)	220(15.1)	---	5.10(144)	0.4	0.2	3/8"	90.0	1/4"
JC-405	5"	75-120(5.3-8.5)	150(10.6)	13.0(368)	15.0(425)	0.2	0.1	3/8"	90.0	1/4"
JC-410	10"	75-120(5.3-8.5)	150(10.6)	13.0(368)	15.0(425)	0.3	0.1	3/8"	90.0	1/4"
JC-412	12"	75-120(5.3-8.5)	150(10.6)	13.0(368)	15.0(425)	0.3	0.1	3/8"	90.0	1/4"
JC-424	24"	75-120(5.3-8.5)	150(10.6)	13.0(368)	15.0(425)	0.3	0.1	3/8"	90.0	1/4"
JC-435	35"	75-120(5.3-8.5)	150(10.6)	13.0(368)	15.0(425)	0.6	0.3	3/8"	90.0	1/4"
JC-602	2"	90-120	230	13.0(368)	15.0(425)	0.4	0.2	3/8"	90.0	1/4"
JC-640	40"	75-120(5.3-8.5)	150(10.6)	13.0(368)	15.0(425)	1.4	0.7	3/8"	90.0	1/4"
JC-641	40"	75-120(5.3-8.5)	150(10.6)	13.0(368)	15.0(425)	0.8	0.3	3/8"	90.0	1/4"
JC-680	80"	75-120(5.3-8.5)	150(10.6)	13.0(368)	15.0(425)	1.4	0.6	3/8"	90.0	1/4"

AUTO REPAIR TOOL

NC-0208[SET]

1/4" DRIVE Twin dog type

10 pieces in one carton

Contents 8 pcs

- 1pc - 1/4" Air Impact Wrench (NC-2710)
- 5pcs - Impact sockets : 8, 9, 10, 11, 12 mm
- 1pc - 1/4" Drive Universal Joint
- 1pc - 1/4" Extension Bar
- 1pc - 1/4" plug





NC-2710



NC-2210N[SET]

1/4" DRIVE Twin dog type

1 carton / **5** set **20** pieces in one carton

Contents 10 pcs

- 1pc - 1/4" Air Impact Wrench (NC-2210)
- 5pcs - Impact sockets : 8, 9, 10, 11, 12 mm
- 1pc - 1/4" Drive Universal Joint
- 2pcs - 1/4" Extension Bar (L : 50, 125mm)
- 1pc - 1/4" plug





NC-2210



Item No.	Square Drive	Bolt Capacity	Torque Range	Max Torque		No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	Inch	Inch (mm)	ft-lb (Nm)	ft-lb	Nm	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s²	Inch
NC-2710	1/4"	M8	7.4-29.5(10-40)	29	40	11000	5.3(150)	90(6.3)	5-3/8"(136)	1.8	0.8	3/8"	91.0	3.4	1/4"
NC-2210	1/4"	M5	4-45(6-61)	50	67.8	11000	1.8(51)	90(6.3)	6-17/32"(166)	1.7	0.8	3/8"	77.0	1.8	1/4"

QA-651N[SET]

AIR DIE GRINDER

1 carton / **5** set **20** pieces in one carton

Contents 16 pcs

- 1pc - Air Die Grinder (QA-651)
- 1pc - Collet : 3mm (or 1/8")
- 5pcs - Grinder Stones 3mm
- 5pcs - Grinder Stones 6mm
- 2pcs - Spanner Wrench
- 1pc - 1/4" plug
- 1pc - Oil Box





QA-651



Item No.	Collet Size	No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch(mm)	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS	kg	Inch	dBA	m/s²	Inch
QA-651	1/4"(6)	18000	2.7(76)	90(6.3)	5"(127)	0.3	1.1	0.5	3/8"	74.0	0.3	1/4"

QB-0618[SET]

90° MINI SANDER 18 PCS SET

10 pieces in one carton

Contents 18 pcs

- 1pc - QB-625
- 1pc - Disc 2" PAD
- 1pc - Disc 3" PAD
- Removal Sandering
- 1pc - 2" #80-YL
- 2pcs - 2" #150-RD
- 2pcs - 2" #300-BL
- 1pc - 2" Stripping Disc
- 1pc - 3" #80-YL
- 2pcs - 3" #150-RD
- 2pcs - 3" #300-BL
- 1pc - 3" Stripping Disc
- 1pc - Adaptor
- 1pc - Spanner
- 1pc - Oil





QB-625



Item No.	Pad Dia / Arbor Size	No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch	R.P.M	CFM	PSI (bar)	Inch (mm)	HP	LBS	kg	Inch	dBA	m/s²	Inch
QB-625	2" / 3"	15000	17.2	90(6.3)	7-1/8"(180)	0.6	1.3	0.6	3/8"	75	2.5	1/4"

QE-323N[SET]

1/4"AIR REVERSIBLE DRILL

1 carton / 5 set 20 pieces in one carton

Contents 9 pcs

- 1pc - 3.5mm Drill Bits
- 1pc - 4.0mm Drill Bits
- 1pc - 4.5mm Drill Bits
- 1pc - 5.0mm Drill Bits
- 1pc - 5.5mm Drill Bits
- 1pc - Key Wrench
- 1pc - 1/4"Plug
- 1pc - Oil Box
- 1pc - Air Reversible Drill(QE-323)





QE-323



Item No.	Chuck Size	No Load Speed	Motor	Overall Length	Avg. Air Consumption	Air Pressure	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch(mm)	R.P.M	HP	inch(mm)	CFM (L/min)	PSI (bar)	LBS	kg	Inch	dBA	m/s²	Inch
QE-323	1/4"(6.35)	1600	0.38	6-15/32"(164)	1.9(54)	90(6.3)	1.7	0.8	3/8"	74.0	1.2	1/4"

QP-212N[SET]

AIR HIGH SPEED SANDER

1 carton / 5 set 20 pieces in one carton

Contents 12 pcs

- 1pc - Air High Speed Sander
- 1pc - 2" Rubber PAD(1/4"-20)
- 1pc - 2" Pad Die#80
- 1pc - 2" Stripping Disc #80-YL(Coarse)
- 1pc - 2" Stripping Disc #150-RD(Med)
- 1pc - 3" Rubber PAD(1/4"-20)
- 1pc - 3" Pad Die#80
- 1pc - 3" Stripping Disc #80-YL(Coarse)
- 1pc - 3" Stripping Disc #150-RD(Med)
- 1pc - 1/4" Plug
- 1pc - Oil Box
- 1pc - Spanner Wrench



QP-212



QP-213N[SET]

AIR ORBIT SANDER

1 carton / 5 set 20 pieces in one carton

Contents 67 pcs

- 1pc - Air Sander
- 1pc - 2" PAD(5/16"-24)
- 1pc - 3" PAD (5/16"-24)
- 10pcs - 2" Sandpaper#180
- 10pcs - 2" Sandpaper#220
- 10pcs - 2" Sandpaper#320
- 1pc - 1/4" Plug
- 1pc - Oil Box
- 2pcs - Spanner Wrench
- 10pcs - 3" Sandpaper#180
- 10pcs - 3" Sandpaper#220
- 10pcs - 3" Sandpaper#320



QP-213



QP-223N[SET]

AIR MINI POLISHER

1 carton / 5 set 20 pieces in one carton

Contents 7 pcs

- 1pc - Air Mini Polisher(QP-223)
- 1pc - 3"PAD(5/16"-24)
- 1pc - 3"Sponge (Medlum)
- 1pc - 3"Sponge (Rough)
- 1pc - 3"Wool Bonnet
- 1pc - 1/4"Plug
- 1pc - Spanner Wrench



QP-223



QP-415

AIR ANGLE POLISHER

10 pieces in one carton



Item No.	Pad Dia	Spindle Size	No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch(mm)		R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS	kg	Inch	dBA	m/s²	Inch
QP-212	2" or 3"	1/4"-20	18000	2.1(59)	90(6.3)	4-1/4"(107)	0.3	1.1	0.5	3/8"	73.0	0.9	1/4"
QP-213	2" or 3"	5/16"-24	18000	2.1(59)	90(6.3)	4-5/8"(117)	0.3	1.1	0.5	3/8"	76.0	1.2	1/4"
QP-223	3"(76)	5/16"-24	5500	2.2(62)	90(6.3)	5-1/8"(130)	0.38	1.3	0.6	3/8"	74.0	0.9	1/4"
QP-415	5"(127)	5/16"-24	2500	5.0(141)	90(6.3)	8-11/32"(211)	0.5	2.5	1.1	3/8"	85.0	1.1	1/4"

RA-505N[SET]

AIR SCREWDRIVER

Twin dog type Screw capacity : M5

1 carton / 5 set 20 pieces in one carton

Contents 8 pcs

- 1pc Air Screwdriver
- 2pcs Bits FD(L:50mm)
- 2pcs Bits PH2(L:65mm)
- 1pcs Bits PH2(L:100mm)
- 1pc 1/4"Plug
- 1pc Oil Box





RA-505



Item No.	Bit Size	Torque Range	No Load Speed	Overall Length	Avg. Air Consumption	Air Pressure	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch(mm)	ft-lb (Nm)	R.P.M	inch(mm)	CFM (L/min)	PSI (bar)	LBS	kg	Inch	dBA	m/s²	Inch
RA-505	1/4"(6.35)	5-45(6-61)	11000	6-5/16"(161)	1.8(51)	90(6.3)	1.5	0.7	3/8"	74.0	3.3	1/4"

QT-102

AIR TYRE BUFFER

20 pieces in one carton



QT-103

AIR TYRE BUFFER

20 pieces in one carton



QT-203

AIR TYRE BUFFER

20 pieces in one carton



QT-113

QUICK CHANGE CHUCK

20 pieces in one carton



QT-112T

AIR TYRE BUFFER

10 pieces in one carton



2pcs Planet Gear with bearing



Stylized grip

QT-203T

AIR TYRE BUFFER

20 pieces in one carton



2pcs Planet Gear with bearing



Stylized grip

QT-303

QUICK CHANGE CHUCK

20 pieces in one carton



2pcs Planet Gear with bearing



Stylized grip

Item No.	Chuck Size	Collet Size	No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch(mm)	inch(mm)	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS	kg	Inch	dBA	m/s²	Inch
QT-102	---	1/4"(6)	7000	3.0(85)	90(6.3)	5-1/2"(140)	0.3	0.9	0.4	3/8"	77.0	1.3	1/4"
QT-103	---	1/4"(6)	7000	3.0(85)	90(6.3)	5-1/2"(140)	0.3	0.9	0.4	3/8"	77.0	1.3	1/4"
QT-203	Hex.7/16"(11.1)	---	4000	10.6(300)	90(6.3)	9-3/4"(250)	0.5	1.8	0.8	3/8"	75.0	0.87	1/4"
QT-113	Hex.7/16"(11.1)	---	2500	10.6(300)	90(6.3)	9-3/4"(250)	0.5	1.8	0.8	3/8"	75.0	0.87	1/4"
QT-112T	---	1/4"(6)	4000	5.0(141)	90(6.3)	8-27/32"(225)	0.5	1.7	0.8	3/8"	85.0	1.2	1/4"
QT-203T	Hex.7/16"(11.1)	---	4000	5.0(141)	90(6.3)	8-27/32"(225)	0.5	2.0	0.9	3/8"	85.0	1.6	1/4"
QT-303	Hex.7/16"(11.1)	---	22000	5.0(141)	90(6.3)	8-9/16"(217)	0.5	1.7	0.8	3/8"	85.0	1.6	1/4"

SK-1010

AIR CAULKING GUN

10 pieces in one carton



SK-1131

AIR CAULKING GUN

6 pieces in one carton





Item No.	Capacity	Overall Length	Avg. Air Consumption	Air Pressure	Net Weight		Air Hose	Air Inlet
	ml(oz)	inch(mm)	CFM (L/min)	PSI (bar)	LBS	kg	Inch	Inch
SK-1010	300(13.5)	12"(305)	4.0(113)	50-70(3.4-4.8)	2.4	1.1	3/8"	1/4"
SK-1131	300(13.5) / 600(20)	24-7/16"(620)	4.0(113)	60-90(4.1-6.2)	2.7	1.2	3/8"	1/4"

AUTO REPAIR TOOL

AUTO REPAIR TOOL

QB-0808
AIR SURFACE-CLEANING TOOL

10 pieces in one carton

Contents

- 1pc - Air Surface-Cleaning Tool (QB-802)
- 1pc - Eraser Wheel
- 1pc - Stripping Wheel
- 1pc - Wire Wheel (Coarse)
- 1pc - Wire Wheel
- 1pc - Allen Key 6mm
- 1pc - Spanner Wrench
- 1pc - 1/4" Plug
- Adapter Male UNF 5/16"-24
- 1pc - Female M6×1.0





QB-9415 QB-9414 QB-9411 QB-9412 QB-9400

QB-0808U For USA
AIR SURFACE-CLEANING TOOL

10 pieces in one carton

Contents

- 1pc - Air Surface-Cleaning Tool (QB-802)
- 1pc - Eraser Wheel
- 1pc - Stripping Wheel
- 1pc - Wire Wheel (Coarse)
- 1pc - Wire Wheel
- 1pc - Allen Key 6mm
- 1pc - Spanner Wrench
- 1pc - 1/4" Plug
- Adapter Male UNF 5/16"-24
- 1pc - Female M6×1.0





QB-9415 QB-9414U QB-9411 QB-9412 QB-9400



QB-802
AIR SURFACE-CLEANING TOOL

10 pieces in one carton



QB-802U For USA
AIR SURFACE-CLEANING TOOL

10 pieces in one carton



QB-802T
AIR ERASER

10 pieces in one carton



QB-802TU For USA
AIR ERASER

10 pieces in one carton



QB-812
AIR ERASER

10 pieces in one carton



QB-812U For USA
AIR ERASER

10 pieces in one carton



QB-812T
AIR ERASER

10 pieces in one carton



QB-812TU For USA
AIR ERASER

10 pieces in one carton



Item No.	Spindle Size	No Load Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
		R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS	kg	Inch	dBA	m/s²	Inch
QB-802	3/8"-24	3600	10.6(300)	90(6.3)	7-7/8"(200)	0.7	2.6	1.2	3/8"	86	0.3	1/4"
QB-802T	3/8"-24	4000	5.0(141)	90(6.3)	8-5/32"(212)	0.5	3.1	1.4	3/8"	85.0	1.2	1/4"
QB-812	3/8"-24	4000	10.0(283)	90(6.3)	8-7/8"(225)	0.5	1.7	0.8	3/8"	75	0.87	1/4"
QB-812T	3/8"-24	4000	5.0(141)	90(6.3)	8-15/32"(215)	0.5	1.7	0.8	3/8"	85.0	1.2	1/4"

SB-201
DIGITAL TYRE INFLATOR
20 pieces in one carton



SB-215
DIGITAL TYRE INFLATOR
12 pieces in one carton



SB-3030
DIGITAL TYRE INFLATOR
12 pieces in one carton



SB-3038
DIGITAL TYRE INFLATOR
20 pieces in one carton



SB-3130
DIGITAL TYRE INFLATOR
20 pieces in one carton



SB-422
TYRE INFLATOR
20 pieces in one carton



SB-423
TYRE INFLATOR
12 pieces in one carton



SB-710
TYRE INFLATOR
12 pieces in one carton



SB-2031
TYRE INFLATOR
20 pieces in one carton
- Dial face size : Ø3.5”
- Short piping



SB-2131
TYRE INFLATOR
20 pieces in one carton
- Dial face size : Ø3.5”
- Long piping 100cm



SB-4031
TYRE INFLATOR
20 pieces in one carton
- Dial face size : Ø3.5”
- Short piping



SB-4151
TYRE INFLATOR
20 pieces in one carton
- Dial face size : Ø3.5”
- Long piping 150cm



SB-501
TYRE INFLATOR
12 pieces in one carton



Item No.	Max Pressure	Nozzle Length	Air Consumption at 100PSI	Air Pressure	Net Weight		Air Hose	Air Inlet	Nozzle
	PSI (bar)	cm	CFM	PSI (bar)	LBS	kg	Inch	Inch	
	MAX	L			lb	kg			
SB-201	160(11.0)	30	1.41	90(6.3)	0.7	0.3	3/8”	1/4”	Tyre valve clip
SB-215	160(11.0)	150	1.41	90(6.3)	0.9	0.4	3/8”	1/4”	Tyre valve clip
SB-3030	200(14.0)	30	1.41	90(6.3)	1.1	0.5	3/8”	1/4”	Tyre valve clip
SB-3038	200(14.0)	85	1.41	90(6.3)	1.5	0.7	3/8”	1/4”	Tyre valve clip
SB-3130	200(14.0)	100	1.41	90(6.3)	1.3	0.6	3/8”	1/4”	Tyre valve clip
SB-422	160(11.0)	45	1.41	90(6.3)	1.2	0.6	3/8”	1/4”	Tyre valve clip
SB-423	220(15.0)	100	1.41	90(6.3)	2.9	1.3	3/8”	1/4”	Tyre valve clip
SB-710	200(13.8)	100	1.41	90(6.3)	1.0	0.5	3/8”	1/4”	Tyre valve clip
SB-2031	160(11.0)	30	1.41	90(6.3)	1.3	0.6	3/8”	1/4”	One touch clip
SB-2131	160(11.0)	100	1.41	90(6.3)	1.4	0.7	3/8”	1/4”	One touch clip
SB-4031	160(11.0)	30	1.41	90(6.3)	1.3	0.6	3/8”	1/4”	One touch clip
SB-4151	160(11.0)	150	1.41	90(6.3)	1.4	0.7	3/8”	1/4”	One touch clip
SB-501	160(11.0)	30	1.41	90(6.3)	2.9	1.3	3/8”	1/4”	Dual chuck

AUTO REPAIR TOOL

QM-1125

PNEUMATIC CV JOINT BOOTS FITTING TOOL

4 pieces in one carton



FEATURES

- This air powered tool is designed and constructed to be used for installing CV boots of cars, small vans, and light duty commercial vehicles. Any other not intended use is forbidden.

Item No.	Capacity	Overall Length	Max Air Pressure	Air Pressure	Net Weight		Air Hose	Air Inlet
	inch(mm)	inch(mm)	PSI (bar)	PSI (bar)	LBS	kg	Inch	Inch
QM-1125	1"~4-3/8"(25-110)	17-3/8"(442)	125(8.6)	90(6.3)	7.2	3.3	3/8"	1/4"

SM-111R

AIR DENT PULLER

4 pieces in one carton



FEATURES

- Large area and slight depression of the sheet metal can be quickly repared.
- Three sizes of suction cups can be uesd in different areas of depression.
- Simple structure and long product life.

Item No.	Pad Dia	Exhaust Direction	Maximum Pulling Force	Air Pressure	Overall Length	Avg. Air Consumption	Net Weight		Slide Hammer Weight		Air Inlet
	inch(mm)		kg	PSI (bar)	Inch (mm)	CFM (L/min)	LBS	kg	LBS	kg	Inch
SM-111R	3",4.5",6"(78,115,155)	Rear	90-100	90(6.3)	44-1/8"(1120)	8.5(240)	6.0	2.8	3.5	1.6	1/4"

SC-0320

AIR VIBRATION INJECTOR PULLER

3 pieces in one carton







FEATURES

- Design to replace the sliding hammer without hand using.
- Save the power and time to pull out the injector from engine.
- High torque and two speeds design for pull out the injector quickly.

Item No.	Piston Stroke	Stroke Speed	Max Torque	Spindle Thread	Working Pressure	Max.air Pressure	Overall Length	Air Hose	Weight	Air Inlet
	mm	bpm	Nm		PSI (bar)	PSI (bar)	mm	mm	kg	Inch
SC-0320	38	300/900	600	M18 x 1.5	87-130.5(6-9)	140.5(10)	500	12	2.7	1/4"

SM-0503

PNEUMATIC BRAKE EXTRACTOR & REFILLED KIT

1 pieces in one carton





SM-0813

MANUAL & FLUID EXTRACTOR

4 pieces in one carton



Item No.	Air Pressure	Net Weight		Capacity	Air Inlet
	PSI	LBS	kg	L	Inch
SM-0503	70-170	4.1	1.9	3.0	1/4"
SM-0813	70-170	6.8	2.7	8.0	1/4"

WG-202N[SET]
AIR SUCTION & BLOW GUN KIT

Air inlet 1/4”

10 pieces in one carton

Contents 8 pcs

- 1pc - Extension Tube
- 1pc - Small Diameter Vacuum Tube
- 1pc - Flat Tube
- 1pc - Brush
- 1pc - Flexible tube
- 1pc - Deflector
- 1pc - Clamping Ring
- 1pc - Dust Bag



WG-202

20 pieces in one carton



SR-2001 KIT
AIR BRUSH KIT

40 pieces in one carton

Contents 9 pcs

- 1pc - Airbrush
- 1pc - 22c.c. Glass Jar
- 1pc - 50c.c. Glass Jar
- 1pc - 55FT(M5 x 0.45) Air Hose
- 1pc - Adaptor
- 1pc - Holder
- 1pc - 2c.c. Cup
- 1pc - 8c.c. Cup
- 1pc - Spanner



SR-2101
AIR BRUSH SET

40 pieces in one carton

Contents 4 pcs

- 1pc - Air Brush
- 1pc - Pipette
- 1pc - Spanner
- 1pc - Air Adaptor



SC-005
BALL JOINT & TIE-ROD SPLITTER SET

10 pieces in one carton

Contents 5 pcs

- 1pc - Air Hammer Adapter
- 1pc - 1-1/8"(28.57mm) Pitman Arm
- 1pc - Striking Handle
- 1pc - 11/16"(17.46mm) Tie Rod
- 1pc - 15/16"(23.81mm) Ball Joint



SE-1025
FLEXIBLE LED LIGHT

20 pieces in one carton



SE-2012
LED WORK LIGHT

24 pieces in one carton



SE-3001
LED HEADLAMP

50 pieces in one carton



SQ-0217
AIR POWERED BRAKE CALIIPER WIND BACK TOOL-SET 17PCS

5 pieces in one carton

Air inlet 1/4”

- Not available in north America

Contents 17 pcs

- 1pc - Air Powered Brake Caliper Wind Back Tool
- 16pcs - Disk





SANDBLASTING GUN

SX-1201
AIR UNDERSEAL GUN

20 pieces in one carton



SX-1615
AIR CLEANING GUN

8 pieces in one carton



SX-1618
AIR CLEANING GUN KIT

8 pieces in one carton



SX-2101
AIR TWISTER GUN

Not available in north America

10 pieces in one carton



SX-3101
AIR SANDBLASTING GUN

20 pieces in one carton



SX-3102
AIR SANDBLASTING GUN

20 pieces in one carton



SX-3103
AIR SANDBLASTING GUN

10 pieces in one carton



SX-3111
AIR UNDERSEAL GUN

20 pieces in one carton



SX-3112
AIR UNDERSEAL GUN

50 pieces in one carton



SX-3202
SOLVENT / CLEANER SPRAY GUN

20 pieces in one carton



SX-3203
1L CLEANING GUN

10 pieces in one carton



SX-3301
AIR SOLVENT CLEANER SPRAY GUN

20 pieces in one carton



SX-4101
SODA BLASTER

10 pieces in one carton



Item No.	Cup Capacity	No Load Speed	Overall Length	Avg. Air Consumption	Air Pressure	Net Weight		Air Hose	Sound Pressure	Air Inlet
	L	R.P.M	inch(mm)	CFM (L/min)	PSI (bar)	LBS	kg	Inch	dBA	Inch
SX-1201	---	---	9-9/16"(245)	6.2	90(6.3)	1.4	0.7	3/8"	---	1/4"
SX-1615	1.0	---	11-7/16"(290)	5.0(141.5)	90(6.3)	0.9	0.4	3/8"	85.0	1/4"
SX-1618	---	---	14-15/16"(380)	5	90(6.3)	0.4	0.2	3/8"	---	1/4"
SX-2101	1.0	5500	8-7/32"x4-5/16"(210x110)	2.0(56.6)	90(6.3)	1.7	0.8	3/8"	85.0	1/4"
SX-3101	1.0	---	11"(280)	4.3(121.8)	90(6.3)	1.3	0.6	3/8"	85.0	1/4"
SX-3102	0.7	---	10-1/8"(260)	4.0(113.3)	90(6.3)	0.8	0.4	3/8"	85.0	1/4"
SX-3103	---	---	122"(3100)	3.5(99.1)	90(6.3)	2.3	1.1	3/8"	80.0	1/4"
SX-3111	1.0	---	10-1/8"(260)	3.0(84.9)	90(6.3)	1.0	0.4	3/8"	85.0	1/4"
SX-3112	---	---	10-1/8"(260)	3.0(84.9)	90(6.3)	0.5	0.2	3/8"	85.0	1/4"
SX-3202	1.0	---	20-13/16"(530)	1.0(56.6)	90(6.3)	1.0	0.5	3/8"	65.0	1/4"
SX-3203	1.0	---	18-1/2"(470)	1.0(56.6)	90(6.3)	1.2	0.5	3/8"	65.0	1/4"
SX-3301	1.0	---	11-13/16"(300)	10(300)	90(6.3)	1.5	0.7	1/4"	85.0	1/4"
SX-4101	0.6	---	7-3/4"(197)	8.0(226.5)	90(6.3)	0.8	0.4	3/8"	82.0	1/4"

FILTER REGULATOR LUBRICTOR

SV-1240
FILTER, REGULATOR



SV-1260
FILTER, REGULATOR



SV-1360
FILTER, REGULATOR



SV-1460
FILTER, REGULATOR



SV-1660
FILTER, REGULATOR



SV-1860
FILTER, REGULATOR



SV-2220
FILTER, REGULATOR, LUBRICTOR



SV-2260
FILTER, REGULATOR, LUBRICTOR



SV-2280
FILTER, REGULATOR, LUBRICTOR



SV-2360
FILTER, REGULATOR, LUBRICTOR



SV-2380
FILTER, REGULATOR, LUBRICTOR



SV-2431
FILTER, REGULATOR, LUBRICTOR



Item No.	Air in / outlet	Max Input Pressure	Max Output Pressure	Max.Flow	Working Temperature	Drain Capacity	Oil Capacity	Filter Element
	inch	PSI	PSI	L/min	°C	ml	ml	μ(micro)
SV-1240	1/4"	150	145	1100	5-60°	15	---	5μ
SV-1260	1/4"	215	145	1750	5-60°	80	---	5μ
SV-1360	3/8"	215	145	2500	5-60°	80	---	5μ
SV-1460	1/2"	215	145	3000	5-60°	80	---	5μ
SV-1660	3/4"	250	225	4600	5-60°	300	---	5μ
SV-1860	1"	250	225	5200	5-60°	300	---	5μ
SV-2220	1/4"	150	70-140	1100	5-60°	15	30	5μ
SV-2260	1/4"	215	70-150	1750	5-60°	80	150	5μ
SV-2280	1/4"	250	70-140	1750	5-60°	80	150	5μ
SV-2360	3/8"	215	7-150	2500	5-60°	80	150	5μ
SV-2380	3/8"	250	70-140	2500	5-60°	80	150	5μ
SV-2431	1/2"	285	70-140	3400	5-60°	80	200	5μ

FILTER REGULATOR LUBRICTOR

SV-2460
FILTER, REGULATOR, LUBRICTOR



SV-2660
FILTER, REGULATOR, LUBRICTOR



SV-2860
FILTER, REGULATOR, LUBRICTOR



SV-3260
FILTER, REGULATOR, LUBRICTOR



SV-3360
FILTER, REGULATOR, LUBRICTOR



SV-3460
FILTER, REGULATOR, LUBRICTOR



SV-3660
FILTER, REGULATOR, LUBRICTOR



SV-3860
FILTER, REGULATOR, LUBRICTOR



SW-12(1/4")
MINI LUBRICATOR



SW-13(3/8")
MINI LUBRICATOR



Item No.	Air in / outlet	Max Input Pressure	Max Output Pressure	Max.Flow	Working Temperature	Drain Capacity	Oil Capacity	Filter Element
	inch	PSI	PSI	L/min	°C	ml	ml	μ(micro)
SV-2460	1/2"	250	7-215	4000	5-60°	80	150	5μ
SV-2660	3/4"	250	225	4600	5-60°	300	300	5μ
SV-2860	1"	250	225	5200	5-60°	300	300	5μ
SV-3260	1/4"	215	70-150	1750	5-60°	80	150	5μ
SV-3360	3/8"	215	70-150	2500	5-60°	80	150	5μ
SV-3460	1/2"	250	7-215	4000	5-60°	80	150	5μ
SV-3660	3/4"	250	225	4600	5-60°	300	350	5μ
SV-3860	1"	250	225	5200	5-60°	300	350	5μ

AIR HOSE REEL

SA-2015
AIR HOSE REEL
Case Material : Steel

2 pieces in one carton



SA-3215
AIR HOSE REEL
Case Material : Shock-Proof Plastic

2 pieces in one carton



SA-3315
AIR HOSE REEL
Case Material : Shock-Proof Plastic

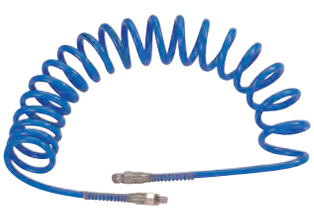
2 pieces in one carton



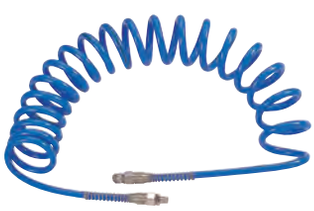
SD-22
8 x 12 AIR HOSE



SD-23
POLYURETHANE RECOIL AIR-HOSE



SD-24
POLYURETHANE RECOIL AIR-HOSE



Item No.	Hose Inside Diameter	Hose Outside Diameter	Hose Length	Working Pressure	Maximum Pressure	Male PT Fitting	Weight
	mm	mm	M	PSI(bar)	PSI(bar)	inch	kg
SA-2015	8.0	12.0	15	101.5(7.0)	284.4(17.8)	1/4"	6.2
SA-3215	8.0	12.0	15	90(6.3)	300(20.7)	1/4"	5.0
SA-3315	10.0	15.0	15	90(6.3)	300(20.7)	3/8"	6.0
SD-22107	8.0	12.0	7.5	101.5(7.0)	284.4(17.8)	1/4"	0.8
SD-22115	8.0	12.0	15	101.5(7.0)	284.4(17.8)	1/4"	1.4
SD-22130	8.0	12.0	30	101.5(7.0)	284.4(17.8)	1/4"	2.6
SD-23110	8.0	12.0	10	101.5(7.0)	284.4(17.8)	1/4"	0.8
SD-23115	8.0	12.0	15	101.5(7.0)	284.4(17.8)	1/4"	1.2
SD-23210	5.0	8.0	10	101.5(7.0)	284.4(17.8)	1/4"	0.4
SD-23215	5.0	8.0	15	101.5(7.0)	284.4(17.8)	1/4"	0.6
SD-23315	10	15.0	15	101.5(7.0)	284.4(17.8)	3/8"	1.9
SD-24415	13	18.0	15	101.5(7.0)	284.4(17.8)	1/2"	2.1

TORQUE WRENCH

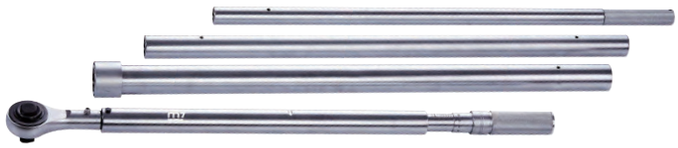
TE-81N/TE-82N TE-83N/TE-84N/TE-85N

1" TORQUE WRENCH, ENGRAVE. NM / FT-LB SCALE

±3% ACCURACY

2 pieces in one carton — TE-81N/TE-82N

1 pieces in one carton — TE-83N/TE-84N/TE-85N



Item No.	Drive	Gear	Torque Range	Indicator	Torque Adjusting	D	H	L	Weight
	Inch	T	ft-lb(Nm)			mm	mm	mm	kg
TE-815080N	1"	24	129-572(150-180)	Engraved	Rotating	---	---	1240	6.1
TE-820100N	1"	24	166-719(200-1000)	Engraved	Rotating	70.2	72.1	1240	6.4
TE-830150N	1"	24	258-1070(300-1500)	Engraved	Rotating	---	---	1850	10.6
TE-840200N	1"	36	369-1402(400-2000)	Engraved	Rotating	---	---	2300	18.3
TE-850250N	1"	36	443-1771(500-2500)	Engraved	Rotating	74.5	66.1	2755	19.6

TM-0416 TM-0418

TORQUE MULTIPLIER

2 pieces in one carton

- Works with high transmission efficiency by planet gears
- 5:1 torque multiplication
- Multiplication accuracy ±5%
- Supplied with 2 reaction bar styles



TM-0428-1 TM-0428-2

TORQUE MULTIPLIER

1 pieces in one carton

- Multiplication deviation less than ±5%
- Mechanism with high ratio gearbox 26:1
- High ratios offer benefits without using long lever arms or heavy wrenches
- Supplied with 2 different reaction bar
- Durable construction without maintenance necessary and long lifetime



TM-0618

TORQUE MULTIPLIER

2 pieces in one carton

- Planetary gear carrier mechanism makes high transmission efficiency and load capacity.
- 5:1 torque multiplication.
- Multiplication accuracy ±5%.
- Supplied with 2 reaction bars.



Item No.	Input Square	Output Square	Max Rated Output	Ratio	Net Weight	
	Inch	Inch	ft-lb(Nm)		LBS	kg
TM-0416	1/2"	3/4"	1100(1500)	5:1	14.2	6.5
TM-0418	1/2"	1"	1100(1500)	5:1	14.2	6.5
TM-0428-1	1/2"	1"	2200(3000)	15.5:1	25.4	11.5
TM-0428-2	1/2"	1"	3300(4500)	26:1	28.7	13
TM-0618	3/4"	1"	2000(2700)	5:1	14.2	6.5

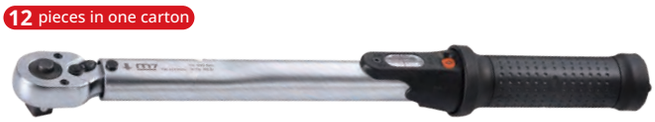
PROFESSIONAL SERISE TORQUE WRENCH

WINDOW DISPLAY. Nm / ft-lb scale, Back Turning

TW-210222/TW-310552/TW-411102/TW-412202

24 pieces in one carton | 24 pieces in one carton | 12 pieces in one carton | 12 pieces in one carton

±3% ACCURACY



CLASSIC SERIES TORQUE WRENCH

TE-205025N/TE-225250N/TE-305025N/TE-320110N/TE-442210N TE-428210N/TE-450350N

1/2" TORQUE WRENCH, 42-210 Nm, Engraved Nm / ft-lb scale

±4% ACCURACY

24 pieces in one carton — TE-205025N/TE-225250N, TE-305025N

12 pieces in one carton — TE-320110N/TE-442210N, TE-428210N/TE-450350N



MICRO-ADJUSTABLE TORQUE WRENCH SERIES
TB-205025N/TB-305025N/TB-320110N/TB-420210N/TB-450350N
TB-610060N/TB-615080N/TB-620100N

24 pieces in one carton — TB-205025N/TB-305025N
12 pieces in one carton — TB-320110N
10 pieces in one carton — TB-450350N
2 pieces in one carton — TB-610060N/TB-615080N/TB-620100N

±4% ACCURACY



PROFESSIONAL REVERSIBLE SERIES TORQUE WRENCH
TD-202025/TD-305050/TD-410100/TD-420200/TD-610060

24 pieces in one carton — TD-202025/TD-305050
12 pieces in one carton — TD-410100/TD-420200
2 pieces in one carton — TD-610060

±3% ACCURACY



PROFESSIONAL SERIES TORQUE WRENCH
TW-611602/TW-611802/TW-612102

3/4" TORQUE WRENCH, WINDOW DISPLAY. Nm / ft-lb scale, Back Turning

2 pieces in one carton

±3% ACCURACY



Item No.	Drive	Gear	Torque Range			Indicator	Torque Adjusting	D	H	L	Weight
	Inch	T	Nm	ft-lb	in-lb			mm	mm	mm	kg
TW-210222	1/4"	24	2-25	1.5-18	---	Magnifying glass	Back Turning	28.0	23	296	0.4
TW-310552	3/8"	24	5-50	3.5-37	---	Magnifying glass	Back Turning	28.0	28	333	0.5
TW-411102	1/2"	32	10-100	8-75	---	Magnifying glass	Back Turning	40.5	40	400	0.8
TW-412202	1/2"	32	20-200	10-150	---	Magnifying glass	Back Turning	40.5	40	500	1.3
TE-205025N	1/2"	24	5-25	---	53.1-212.4	Engraved	Rotating	32	31.8	275	0.6
TE-225250N	1/4"	24	2.8-28.2	---	25-250	Engraved	Rotating	32	31.8	275	0.6
TE-305025N	3/8"	24	5-25	---	53.1-212.4	Engraved	Rotating	32	31.8	370	0.8
TE-320110N	3/8"	24	20-110	14.8-81.1	---	Engraved	Rotating	32	31.8	370	0.8
TE-442210N	1/2"	24	42-210	30.6-155	---	Engraved	Rotating	46.3	33	450	1.3
TE-428210N	1/2"	24	28-210	20.7-154.9	---	Engraved	Rotating	46.3	33	570	1.7
TE-450350N	1/2"	24	50-350	36.9-258.1	---	Engraved	Rotating	46.3	33	450	1.3
TB-205025N	1/4"	24	5-25	---	53.1-212.4	Engraved	Rotating	32	31.8	281	0.5
TB-305025N	3/8"	24	5-25	---	53.1-212.4	Engraved	Rotating	32	31.8	361	0.8
TB-320110N	3/8"	24	20-110	18.5-77.5	---	Engraved	Rotating	32	31.8	361	0.8
TB-420210N	1/2"	24	20-210	18.4-151.2	---	Engraved	Rotating	40.5	40	461	1.3
TB-450350N	1/2"	24	50-350	48.0-247.2	---	Engraved	Rotating	40.5	40	553	1.6
TB-610060N	3/4"	24	100-600	92.0-424	---	Engraved	Back Turning	63	58	1010	4.7
TB-615080N	3/4"	24	150-800	129-572	---	Engraved	Rotating	63	58	1010	2.4
TB-620100N	3/4"	24	200-1000	166-719	---	Engraved	Back Turning	63	58	1200	6.0
TD-202025	1/4"	72	2-25	1.5-1.8	---	Magnifying glass	Back Turning	40.5	40	298	0.4
TD-305050	3/8"	72	5-50	3.5-37	---	Magnifying glass	Back Turning	40.5	40	363	0.5
TD-410100	1/2"	72	10-100	8-75	---	Magnifying glass	Back Turning	40.5	40	445	1.1
TD-420200	1/2"	72	20-200	10-150	---	Magnifying glass	Back Turning	40.5	40	513	1.3
TD-610060	3/4"	72	100-600	75-440	---	Magnifying glass	Back Turning	40.5	40	1040	4.7
TW-611602	3/4"	24	100-600	75-440	---	Magnifying glass	Back Turning	63	58.5	1040	4.7
TW-611802	3/4"	24	150-800	110-590	---	Magnifying glass	Back Turning	63	58.5	1240	5.5
TW-612102	3/4"	24	200-1000	150-740	---	Magnifying glass	Back Turning	63	58.5	1240	5.5

TORQUE WRENCH

CLASSIC SERIES TORQUE WRENCH
TF-310080N/TF-430250N
3/8" & 1/2" DRIVE FLEX-HEAD TORQUE WRENCH

12 pieces in one carton



With ± 15° flex. head.





Easy lock and adjustment design.

SPLIT-BEAM SERIES TORQUE WRENCH
TS-320100N/TS-440250N
3/8" & 1/2" DRIVE FLEXIBLE SPLIT-BEAM TORQUE WRENCH

12 pieces in one carton 10 pieces in one carton

With ± 15° flex. head.







Open the hinge cover, adjust setting by knob.

TI-2105025 KIT NEW
Interchangeable Torque Wrench Tool

1 pieces in one carton

- 1pc - Torque Wrench 5~25Nm / 53.1~212.4 IN-LB
- 1pc - Open ended Insert tool: 10mm,13mm,17mm
- 1pc - Ring Insert tool: 10mm,13mm,17mm
- 1pc - 1/4"DR. 72T ratchet Insert tool



TI-4204020 KIT NEW
Interchangeable Torque Wrench Tool

1 pieces in one carton

- 1pc - Torque Wrench 40~200Nm
- 1pc - Open ended Insert tool: 13mm,14mm,15mm,17mm,19mm,22mm,24mm, 27mm,30mm
- 1pc - 1/2"DR. 72T ratchet Insert tool



Item No.	Drive	Gear	Torque Range	Indicator	Torque Adjusting	D	H	L	Weight
	Inch	T	ft-lb			mm	mm	mm	kg
TF-310080N	3/8"	32	10-80	Engraved	Rotating	36.8	30.4	465	11.1
TF-430250N	1/2"	32	30-250	Engraved	Rotating	43.3	40.5	640	1.9
TS-320100N	3/8"	32	20-100	Engraved	Flexible	35.2	27.8	476	1.0
TS-440250N	1/2"	32	40-250	Engraved	Flexible	44.1	36.1	590	1.7

DIGITAL TORQUE WRENCH

GTA-201030

1/4" DIGITAL ANGLE TORQUE WRENCH Accuracy : clockwise +/- 1.5% counterclockwise +/- 2.5%

8 pieces in one carton



GTA-306135

3/8" DIGITAL ANGLE TORQUE WRENCH Accuracy : clockwise +/- 1.5% counterclockwise +/- 2.5%

6 pieces in one carton



GTA-406135

1/2" DIGITAL ANGLE TORQUE WRENCH Accuracy : clockwise +/- 1.5% counterclockwise +/- 2.5%

6 pieces in one carton



GTA-410200

1/2" DIGITAL ANGLE TORQUE WRENCH Accuracy : clockwise +/- 1.5% counterclockwise +/- 2.5%

4 pieces in one carton



GTA-417340

1/2" DIGITAL ANGLE TORQUE WRENCH Accuracy : clockwise +/- 1.5% counterclockwise +/- 2.5%

4 pieces in one carton



GTA-606060

3/4" DIGITAL ANGLE TORQUE WRENCH Accuracy : clockwise +/- 1.5% counterclockwise +/- 2.5%

1 pieces in one carton



GTA-610100

3/4" DIGITAL ANGLE TORQUE WRENCH Accuracy : clockwise +/- 1.5% counterclockwise +/- 2.5%

1 pieces in one carton



GTA-810100

1" DIGITAL ANGLE TORQUE WRENCH Accuracy : clockwise +/- 1.5% counterclockwise +/- 2.5%

1 pieces in one carton



Item No.	Drive	Gear	Torque Range		Indicator	Torque Adjusting	D	H	L	Weight
	Inch	T	Nm	ft-lb			mm	mm	mm	kg
GTA-201030	1/4"	72	1.5-30	1.11-22.13	LCD	Digital	38	40	410	0.7
GTA-306135	3/8"	72	6.8-135	5.0-99.6	LCD	Digital	38	40	432	0.8
GTA-406135	1/2"	72	6.8-135	5.0-99.6	LCD	Digital	38	40	454	1.1
GTA-410200	1/2"	72	10-200	7.4-147.5	LCD	Digital	38	40	566	1.2
GTA-417340	1/2"	72	17-340	12.5-250.8	LCD	Digital	38	40	666	1.4
GTA-606060	3/4"	24	60-600	44.3-442.5	LCD	Digital	63	60	943	3.8
GTA-610100	3/4"	24	100-1000	73.8-737.6	LCD	Digital	63	60	1235	4.8
GTA-810100	1"	24	100-1000	73.8-737.6	LCD	Digital	70	70	1235	5.1

DIGITAL TORQUE WRENCH

GTB-201030

1/4" DIGITAL FLEXIBLE & ANGLE TORQUE WRENCH

Accuracy : clockwise +/- 2% counterclockwise +/- 3%

8 pieces in one carton



GTB-306135

3/8" DIGITAL FLEXIBLE & ANGLE TORQUE WRENCH

Accuracy : clockwise +/- 2% counterclockwise +/- 3%

6 pieces in one carton



GTB-410200

1/2" DIGITAL FLEXIBLE & ANGLE TORQUE WRENCH

Accuracy : clockwise +/- 2% counterclockwise +/- 3%

4 pieces in one carton



GTB-417340

1/2" DIGITAL FLEXIBLE & ANGLE TORQUE WRENCH

Accuracy : clockwise +/- 2% counterclockwise +/- 3%

4 pieces in one carton



GTF-203030

1/4" DIGITAL FLEXIBLE TORQUE WRENCH

Accuracy : clockwise +/- 2% counterclockwise +/- 3%

8 pieces in one carton



GTF-313135

3/8" DIGITAL FLEXIBLE TORQUE WRENCH

Accuracy : clockwise +/- 2% counterclockwise +/- 3%

6 pieces in one carton



GTF-420200

1/2" DIGITAL FLEXIBLE TORQUE WRENCH

Accuracy : clockwise +/- 2% counterclockwise +/- 3%

4 pieces in one carton



GTF-434340

1/2" DIGITAL FLEXIBLE TORQUE WRENCH

Accuracy : clockwise +/- 2% counterclockwise +/- 3%

4 pieces in one carton



Item No.	Drive	Gear	Torque Range		Indicator	Torque Adjusting	D	H	L	Weight
	Inch	T	Nm	ft-lb			mm	mm	mm	kg
GTB-201030	1/4"	72	3-30	2.22-22.13	LCD	Digital	38	38	413	0.7
GTB-306135	3/8"	72	13.5-135	10-99.6	LCD	Digital	38	38	446	0.9
GTB-410200	1/2"	72	20-200	14.8-147.5	LCD	Digital	38	41	572	1.3
GTB-417340	1/2"	72	34-340	25-250	LCD	Digital	38	41	670	1.4
GTF-203030	1/4"	72	3-30	2.22-22.13	LCD	Digital	38	38	446	0.7
GTF-313135	3/8"	72	13.5-135	10-99.6	LCD	Digital	38	38	446	0.9
GTF-420200	1/2"	72	20-200	14.8-147.5	LCD	Digital	38	41	572	1.3
GTF-434340	1/2"	72	34-340	25-250	LCD	Digital	38	41	670	1.4

GMS-203006/GMS-207015/GMS-212025

1/4" MINI DIGITAL TORQUE WRENCH (SQUARE) Accuracy : clockwise +/- 3% counterclockwise +/- 4%

10 pieces in one carton



GMD-205050/GMD-210200/GMD-220400

1/4" MINI DIGITAL TORQUE SCREWDRIVER (BIT) Accuracy : clockwise +/- 3% counterclockwise +/- 4%



GMI-206006/GMI-215015/GMI-225025

1/4" MINI DIGITAL INTERCHANGEABLE TORQUE WRENCH Accuracy : clockwise +/- 3% counterclockwise +/- 4%



GTW-930/GTW-940/GTW-941

3/8" / 1/2" / 1/2" DIGITAL TORQUE ADAPTER

Accuracy : clockwise +/- 1.5% counterclockwise +/- 2.5%

10 pieces in one carton



GTA-930/GTA-940/GTA-941

3/8" / 1/2" / 1/2" DIGITAL ANGLE TORQUE ADAPTER

Accuracy : clockwise +/- 1.5% counterclockwise +/- 2.5%

10 pieces in one carton



Item No.	Drive	Gear	Torque Range		Indicator	Torque Adjusting	D	H	L	Weight
	Inch	T	Nm	ft-lb			mm	mm	mm	kg
GMS-203006	1/4"	72	0.3-6	0.221-4.424	LCD	Digital	27	27	244	0.2
GMS-207015	1/4"	72	0.75-15	0.554-11.07	LCD	Digital	27	27	244	0.2
GMS-212025	1/4"	72	1.25-25	0.923-18.45	LCD	Digital	27	27	244	0.2
GMD-205050	1/4"(BIT)	---	0.05-0.5	0.036-0.368	LCD	Digital	28	28	234	0.2
GMD-210200	1/4"(BIT)	---	0.1-2	0.0737-1.47	LCD	Digital	28	28	234	0.2
GMD-220400	1/4"(BIT)	---	0.2-4	0.147-2.95	LCD	Digital	28	28	234	0.2
GMI-206006	1/4"	72	0.6-6	0.442-4.424	LCD	Digital	27	27	255	2.5
GMI-215015	1/4"	72	1.5-15	1.108-11.07	LCD	Digital	27	27	255	2.5
GMI-225025	1/4"	72	2.5-25	1.846-18.45	LCD	Digital	27	27	255	2.5
GTW-930	3/8"	---	6.8-135	5.0-99.6	LCD	Digital	42	39	75	0.2
GTW-940	1/2"	---	10-200	7.4-147.5	LCD	Digital	42	39	75	0.2
GTW-941	1/2"	---	17-340	12.5-250.8	LCD	Digital	42	39	75	0.2
GTA-930	3/8"	---	6.8-135	5.0-99.6	LCD	Digital	50	39	75	0.2
GTA-940	1/2"	---	10-200	7.4-147.5	LCD	Digital	50	39	75	0.2
GTA-941	1/2"	---	17-340	12.5-250.8	LCD	Digital	50	39	75	0.2

DIGITAL TORQUE WRENCH

GTW-201030

1/4" DIGITAL TORQUE WRENCH Accuracy : clockwise +/- 1.5% counterclockwise +/- 2.5%

8 pieces in one carton



GTW-306135

3/8" DIGITAL TORQUE WRENCH Accuracy : clockwise +/- 1.5% counterclockwise +/- 2.5%

6 pieces in one carton



GTW-406135

1/2" DIGITAL TORQUE WRENCH Accuracy : clockwise +/- 1.5% counterclockwise +/- 2.5%

6 pieces in one carton



GTW-410200

1/2" DIGITAL TORQUE WRENCH Accuracy : clockwise +/- 1.5% counterclockwise +/- 2.5%

4 pieces in one carton



GTW-417340

1/2" DIGITAL TORQUE WRENCH Accuracy : clockwise +/- 1.5% counterclockwise +/- 2.5%

4 pieces in one carton



GTW-606060

3/4" DIGITAL TORQUE WRENCH Accuracy : clockwise +/- 1.5% counterclockwise +/- 2.5%

1 pieces in one carton



GTW-610100

3/4" DIGITAL TORQUE WRENCH Accuracy : clockwise +/- 1.5% counterclockwise +/- 2.5%

1 pieces in one carton



GTW-810100

1" DIGITAL TORQUE WRENCH Accuracy : clockwise +/- 1.5% counterclockwise +/- 2.5%

1 pieces in one carton



Item No.	Drive	Gear	Torque Range		Indicator	Torque Adjusting	D	H	L	Weight
	Inch	T	Nm	ft-lb			mm	mm	mm	kg
GTW-201030	1/4"	72	1.5-30	1.11-22.13	LCD	Digital	38	40	410	0.7
GTW-306135	3/8"	72	6.8-135	5.0-99.6	LCD	Digital	38	40	432	0.8
GTW-406135	1/2"	72	6.8-135	5.0-99.6	LCD	Digital	38	40	455	1.1
GTW-410200	1/2"	72	10-200	20.7-154.9	LCD	Digital	38	40	566	1.2
GTW-417340	1/2"	72	17-340	12.5-250.8	LCD	Digital	38	40	662	1.4
GTW-606060	3/4"	24	60-600	44.3-442.5	LCD	Digital	63	60	943	3.8
GTW-610100	3/4"	24	100-1000	73.8-737.6	LCD	Digital	63	60	1235	4.6
GTW-810100	1"	24	100-1000	73.8-737.6	LCD	Digital	70	70	1235	4.9

GBI-403030 NEW

1/2" Bluetooth Rechargeable Digital Torque Wrench

6 pieces in one carton Accuracy : clockwise +/- 2% counterclockwise +/- 3%

GBI-406060 NEW

1/2" Bluetooth Rechargeable Digital Torque Wrench

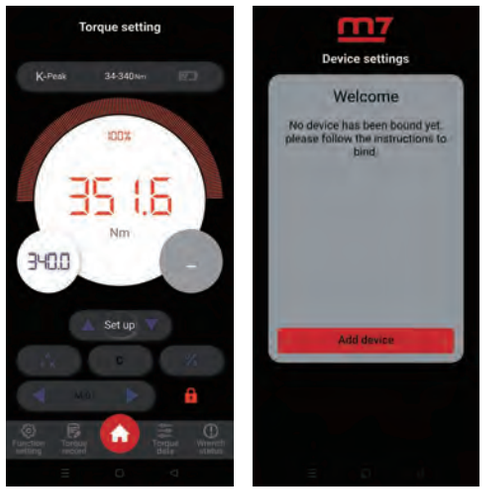
6 pieces in one carton Accuracy : clockwise +/- 2% counterclockwise +/- 3%

GBI-434340 NEW

1/2" Bluetooth Rechargeable Digital Torque Wrench

4 pieces in one carton Accuracy : clockwise +/- 2% counterclockwise +/- 3%

- Bluetooth app allows the transmission and assessment of torque values to be faster and more immediate.
- Interchangeable torque head for different workstations.
- Adjustable torque values for 4 types.



▲ Mobile app mockup

Apple Store Google Play



GDI-403030 NEW

1/2" Interchangeable Digital Torque Wrench

6 pieces in one carton Accuracy : clockwise +/- 2% counterclockwise +/- 3%



GDI-406060 NEW

1/2" Interchangeable Digital Torque Wrench

6 pieces in one carton Accuracy : clockwise +/- 2% counterclockwise +/- 3%



GDI-434340 NEW

1/2" Interchangeable Digital Torque Wrench

4 pieces in one carton Accuracy : clockwise +/- 2% counterclockwise +/- 3%



Item No.	Drive	Gear	Torque Range		Indicator	Torque Adjusting	D	H	L	Weight
	Inch	T	Nm	ft-lb			mm	mm	mm	kg
GBI-403030	1/2"	72	3-30	2.22-22.13	LCD	Digital	38	40	435	1.1
GBI-406060	1/2"	72	6-60	4.4-44.3	LCD	Digital	38	40	435	1.1
GBI-434340	1/2"	72	34-340	25-250	LCD	Digital	38	40	644	1.4
GDI-403030	1/2"	72	3-30	2.22-22.13	LCD	Digital	38	40	435	1.1
GDI-406060	1/2"	72	6-60	4.4-44.3	LCD	Digital	38	40	435	1.1
GDI-434340	1/2"	72	34-340	25-250	LCD	Digital	38	40	644	1.4

IMPACT SOCKET

MB34012S
IMPACT SOCKET SET
12pcs 3/8" Drive Inch Size
12 pieces in one carton
- Contents : 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16" ,1"



MB34013M
IMPACT SOCKET SET
13pcs 3/8" Drive Metric Size
12 pieces in one carton
- Contents : 6mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm



MB42011M
STD IMPACT SOCKET SET
11pcs 1/2" Drive Metric size
6 pieces in one carton
- Contents : 10mm, 11mm, 13mm, 17mm, 19mm, 22mm, 24mm, 27mm, 29mm, 30mm, 32mm



MB44013S
IMPACT SOCKET SET
13pcs 1/2" Drive Inch Size
6 pieces in one carton
- Contents : 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"



MB44014M
IMPACT SOCKET SET
14pcs 1/2" Drive Metric Size
8 pieces in one carton
- Contents : 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 21mm, 22mm, 26mm, 27mm



MB61008M
IMPACT SOCKET SET
8pcs 3/4" Drive
4 pieces in one carton
- Contents : M21, M22, M23, M24, M27, M30, M32, M36, M41



MB61016M
STD IMPACT SOCKET SET
16pcs 3/4" Drive
2 pieces in one carton
- Contents : M19, M21, M22, M24, M27, M28, M29, M30, M32, M33, M35, M36, M38, M41, M46, M50



MB62010M
IMPACT SOCKET SET
10pcs 3/4" Drive
4 pieces in one carton
- Contents : 19mm, 22mm, 24mm, 27mm, 30mm, 32mm, 36mm, 38mm, 40mm, 42mm



MB64008M
IMPACT SOCKET SET
8pcs 3/4" Drive Metric Size
4 pieces in one carton
- Contents : 26mm, 27mm, 29mm, 30mm, 32mm, 33mm, 35mm, 36mm



MB64008M1
IMPACT SOCKET SET
8PCS 3/4" Drive
6 pieces in one carton
- Contents : 21mm, 23mm, 24mm, 27mm, 30mm, 32mm, 36mm, 41mm



MB64008S
IMPACT SOCKET SET
8pcs 3/4" Drive Inch Size
4 pieces in one carton
- Contents : 1", 1-5/16", 1-1/16", 1-3/8", 1-1/8", 1-7/16", 1-1/4", 1-1/2"



MB64008SP
IMPACT SOCKET SET
8pcs 3/4" Drive Inch Size
4 pieces in one carton
- Contents : 3/4", 7/8", 15/16", 1-1/16", 1-3/16", 1-1/4", 1-7/16", 1-1/2"



MB35012S
IMPACT SOCKET SET
12pcs 3/8" Drive Inch Size Deep
8 pieces in one carton
- Contents : 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16" ,1"



MB35013M
DEEP IMPACT SOCKET SET
13pcs 3/8" Drive Metric Size
8 pieces in one carton
- Contents : 6mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm



MB43015M
DEEP IMPACT SOCKET SET
15pcs 1/2" Drive Metric Size
6 pieces in one carton
- Contents : 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 19mm, 21mm, 22mm, 24mm, 27mm, 30mm, 32mm



MB45010M
DEEP IMPACT SOCKET SET
10pcs 1/2" Drive Metric Size
6 pieces in one carton
- Contents : 10mm, 12mm, 13mm, 14mm, 15mm, 17mm, 19mm, 21mm, 24mm, 27mm



MB45013S
DEEP IMPACT SOCKET SET
13pcs 1/2" Drive Inch Size
4 pieces in one carton
- Contents : 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"



MB45014M
DEEP IMPACT SOCKET SET
14pcs 1/2" Drive Metric Size
4 pieces in one carton
- Contents : 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 21mm, 22mm, 26mm, 27mm



MB63008M
DEEP IMPACT SOCKET SET
8pcs 3/4" Drive
3 pieces in one carton
- Contents : M21, M22, M24, M27, M30, M32, M36, M41



MB63008S
IMPACT SOCKET SET
8pcs 3/4" Drive Inch Size
3 pieces in one carton
- Contents : 1-1/16", 1-1/8", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2"



MB65008M
DEEP IMPACT SOCKET SET
8pcs 3/4" Drive Metric Size
4 pieces in one carton
- Contents : 26mm, 27mm, 29mm, 30mm, 32mm, 33mm, 35mm, 36mm



MB65008M1
DEEP IMPACT SOCKET SET
8pcs 3/4" Drive Metric Size
4 pieces in one carton
- Contents : 21mm, 23mm, 24mm, 27mm, 30mm, 32mm, 36mm, 41mm



MB65008S
DEEP IMPACT SOCKET SET
8pcs 3/4" Drive Inch Size
2 pieces in one carton
- Contents : 1", 1-1/16", 1-1/8", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2"



MB65008S1
DEEP IMPACT SOCKET SET
8pcs 3/4" Drive Inch Size
2 pieces in one carton
- Contents : 3/4", 7/8", 15/16", 1", 1-1/16" 1-1/18", 1-3/16", 1-1/4"



IMPACT SOCKET

MB85008M
DEEP SOCKET SET
8pcs 1" Drive

2 pieces in one carton

- Contents : 27mm, 30mm, 32mm, 36mm, 38mm, 41mm, 46mm, 50mm



MB81009M/S
STD SOCKET SET
9pcs 1" Drive

2 pieces in one carton

- Contents : 27mm, 30mm, 32mm, 35mm, 36mm, 38mm, 41mm, 46mm, 50mm



MB46008R
STAR BIT SOCKET SET
8pcs 1/2" Drive

10 pieces in one carton

- Contents : T30, T40, T45, T47, T50, T55, T60, T70



MB46010R
STAR BIT SOCKET SET
10pcs 1/2" Drive

8 pieces in one carton

- Contents : T20, T25, T27, T30, T40, T45, T50, T55, T60, T70



MB47010M
IMPACT HEX BALL BIT SOCKET SET
10pcs 1/2" Drive

8 pieces in one carton

- Note : Not suitable for use with high power impact wrenches.
- Contents : H6, H7, H8, H10, H12, H14, H15, H17, H18, H19



MB67006M
IMPACT HEX BALL BIT SOCKET SET
6pcs 3/4" Drive

6 pieces in one carton

- Note : Not suitable for use with high power impact wrenches.
- Contents : H14, H17, H19, H21, H24, H27



MB44008M
IMPACT HEX DRIVE SET
8pcs 1/2" Drive Metric Size SAE (Length 78mm)

12 pieces in one carton

- Contents : H6, H7, H8, H10, H12, H14, H17, H19



MB44008S
IMPACT HEX DRIVE SET
8pcs 1/2" Drive Inch Size SAE (Length 78mm)

12 pieces in one carton

- Contents : 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4"



MB66006M
IMPACT HEX DRIVE SET
6pcs 3/4" SAE 100mm Length

5 pieces in one carton

- Contents : H12, H14, H17, H19, H22, H24



MB66006S
IMPACT HEX DRIVE SET
6pcs 3/4" SAE 100mm Length

5 pieces in one carton

- Contents : 1/2", 9/16", 5/8", 3/4", 7/8", 1"



ME011N
IMPACT ADAPTER
IMPACT UNIVERSAL JOINT

6 pieces in one carton

- IMPACT ADAPTER
- Contents : 1/4"Fx3/8"M, 3/8"Fx1/4"M, 3/8"Fx1/2"M, 1/2"Fx3/8"M, 1/2"Fx3/4"M, 3/4"Fx1/2"M, 3/4"Fx1"M, 1"Fx3/4"M
- IMPACT UNIVERSAL JOINT
- Contents : 1/4"Dr, 3/8"Dr, 1/2"Dr



MA4550M50
TWIST SOCKET SET
5PCS 1/2" Drive (50mm Length)

20 pieces in one carton

- Contents : 17mm, 19mm, 21mm, 22mm Punch Bar / 12-80L

TWIST



MA42011S
STD IMPACT SOCKET SET
11pcs 1/2" Drive

10 pieces in one carton

- Contents : 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16"



MA42026
STUBBY METRIC IMPACT SOCKET SET
26pcs 1/2'' Drive

10 pieces in one carton

- Contents :
- S : 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16"
- M : 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm



MA4030
DEEP IMPACT SOCKET SET
3pcs 1/2" Drive

24 pieces in one carton

- Contents : 17mm, 19mm, 21mm By identifying the different color coated, the operator can easily pick up the size needed.
- With the external sheath, the working object can be well protected from being rubbed, scratched,impacted...etc. With the 85mm extra long socket, to loosen or tighten bolt or nut in deeper hole become easier and convenient.
- Note : Impact socket for aluminum rim wheel nuts, with polymeric material insets.



MA4031M85
DEEP THIN WALL IMPACT SOCKET SET
3pcs 1/2" Drive

20 pieces in one carton

- 17mm, 19mm, 21mm





STRENGTHEN/ STEEL SLEEVE

MA42006M
IMPACT SOCKET SET
1/2'' Drive Stubby Metric Size

24 pieces in one carton



M7 NO.	⬡	D1	D2	ℓ	L	⚖
	mm	mm	mm	mm	mm	g
MA401M13	13	20	25	5	28	54
MA401M17	17	26	26	8	28	70
MA401M19	19	28	28	9	28	80
MA401M21	21	30	30	9	28	90
MA401M22	22	32	30	9	28	100
MA401M24	24	34	30	9	28	110

MA42006S
IMPACT SOCKET SET
1/2'' Drive Stubby Metric Size

24 pieces in one carton



M7 NO.	⬡	D1	D2	ℓ	L	⚖
	mm	mm	mm	mm	mm	g
MA401S16	1/2"	20	25	5	28	51
MA401S18	9/16"	22	25	5	28	54
MA401S20	5/8"	25	25	8	28	61
MA401S22	11/16"	26	25	8	28	90
MA401S24	3/4"	28	30	9	28	100
MA401S28	7/8"	32	30	9	28	95

MA42015M
IMPACT SOCKET SET
15pcs 1/2'' Drive Stubby Metric Size

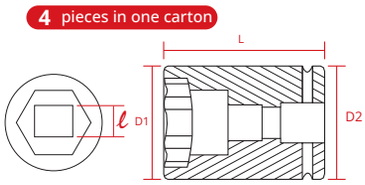
12 pieces in one carton



M7 NO.	⬡	D1	D2	T	L	⚖
	mm	mm	mm	mm	mm	g
MA401M10	10	18	25	5	28	50
MA401M11	11	18	25	5	28	50
MA401M12	12	19	25	5	28	50
MA401M13	13	20	25	5	28	52
MA401M14	14	22	25	5	28	53
MA401M15	15	23	25	5	28	55
MA401M16	16	25	25	8	28	62
MA401M17	17	26	26	8	28	67
MA401M18	18	28	28	8	28	82
MA401M19	19	28	28	9	28	75
MA401M20	20	30	30	9	28	90
MA401M21	21	30	30	9	28	86
MA401M22	22	32	30	9	28	94
MA401M23	23	34	30	9	28	102
MA401M24	24	34	30	9	28	98

MA8050
WHEEL IMPACT SOCKET SET
5pcs 1" Drive Combination Budd

4 pieces in one carton





M7 NO.	⬡	D1	D2	ℓ	L	⚖
	mm	mm	mm	mm	mm	g
MA812S4826	1-1/2"	57	57	13/16"	99	1.34
MA812M3517	35	52	54	17	94	1.10
MA812M3820	38	54	56	20	96	1.18
MA812M4121	41	54	58	21	99	1.19
MA831M33L	33	52	52	---	90	1.01
MA8050	---	---	---	---	---	6.20

IMPACT SOCKET

PROVIDE FULL RANGE
ALL SERIES HANG TAG.





IMPACT SOCKET



MALE ADAPTER



IMPACT DEEP SOCKET



UNIVERSAL JOINT



IMPACT HEX BIT

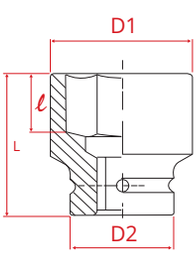


EXTENSION BAR

1/4"MA211M
IMPACT STANDARD SOCKET SET

- 1/4" Drive Standard Length
- 6 Points
- Metric Size



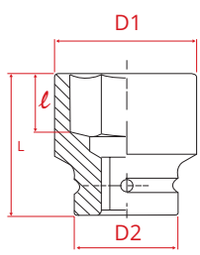


M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	mm	mm	mm	mm	mm	g	
MA211M04	4	7.5	13.0	5	23	16	50
MA211M05	5	8.7	13.0	6	23	16	50
MA211M06	6	9.9	13.0	8	23	15	50
MA211M07	7	11.1	13.0	8	23	14	50
MA211M08	8	12.3	13.0	8	23	14	50
MA211M09	9	13.8	13.0	8	23	14	50
MA211M10	10	14.5	13.0	8	23	15	50
MA211M11	11	16.0	13.0	8	23	17	50
MA211M12	12	17.0	13.0	8	23	17	50
MA211M13	13	18.8	13.0	8	23	20	50
MA211M14	14	20.0	13.0	8	23	21	50

1/4"MA211S
IMPACT STANDARD SOCKET

- 1/4" Drive Standard Length
- 6 Points
- Inch Size





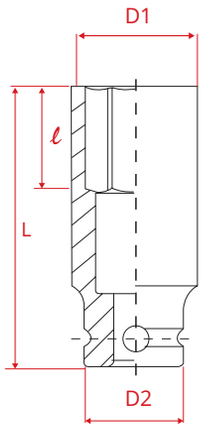
M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	inch	mm	mm	mm	mm	g	
MA211S06	3/16"	8.4	13.0	6	23	15	50
MA211S07	7/32"	9.4	13.0	6	23	16	50
MA211S08	1/4"	10.3	13.0	8	23	15	50
MA211S09	9/32"	11.3	13.0	8	23	15	50
MA211S10	5/16"	12.3	13.0	8	23	14	50
MA211S11	11/32"	13.8	13.0	8	23	14	50
MA211S12	3/8"	14.5	13.0	8	23	15	50
MA211S14	7/16"	16.0	13.0	8	23	16	50
MA211S16	1/2"	18.8	13.0	8	23	19	50
MA211S18	9/16"	19.8	13.0	8	23	21	50

1/4"MA231M

IMPACT DEEP SOCKET

- 1/4" Drive Deep Length
- 6 Points
- Metric Size





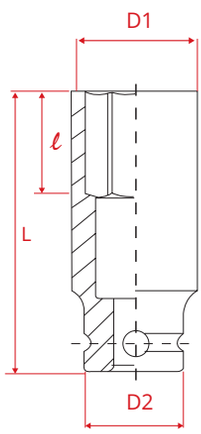
M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	mm	mm	mm	mm	mm	g	
MA231M04	4	7.5	13.0	7	50	28	50
MA231M05	5	8.7	13.0	9	50	29	50
MA231M06	6	9.9	13.0	11	50	31	50
MA231M07	7	11.1	13.0	11	50	31	50
MA231M08	8	12.3	13.0	13	50	31	50
MA231M09	9	13.8	13.0	13	50	37	50
MA231M10	10	14.5	13.0	13	50	37	50
MA231M11	11	16.0	13.0	13	50	41	50
MA231M12	12	17.0	13.0	13	50	43	50
MA231M13	13	18.8	13.0	13	50	58	50
MA231M14	14	20.0	13.0	13	50	60	50

1/4"MA231S

IMPACT DEEP SOCKET

- 1/4" Drive Deep Length
- 6 Points
- Inch Size





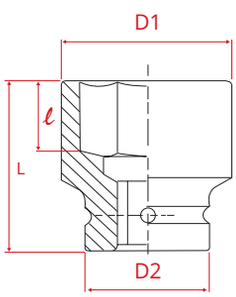
M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	inch	mm	mm	mm	mm	g	
MA231S06	3/16"	8.4	13.0	9	50	29	50
MA231S07	7/32"	9.4	13.0	9	50	30	50
MA231S08	1/4"	10.3	13.0	11	50	31	50
MA231S09	9/32"	11.3	13.0	11	50	32	50
MA231S10	5/16"	12.3	13.0	13	50	32	50
MA231S11	11/32"	13.8	13.0	13	50	37	50
MA231S12	3/8"	14.5	13.0	13	50	41	50
MA231S14	7/16"	16.0	13.0	13	50	41	50
MA231S16	1/2"	18.8	13.0	13	50	56	50
MA231S18	9/16"	19.8	13.0	13	50	61	50

3/8"MA311M

IMPACT STANDARD SOCKET

- 3/8" Drive Standard Length
- 6 Points
- Metric Size





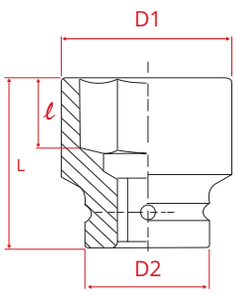
M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	mm	mm	mm	mm	mm	g	
MA311M06	6	10.0	19.0	9	29.5	31	50
MA311M07	7	11.4	19.0	9	29.5	31	50
MA311M08	8	12.7	19.0	9	29.5	31	50
MA311M09	9	14.0	19.0	10	29.5	33	50
MA311M10	10	15.2	19.0	10	29.5	33	50
MA311M11	11	17.0	19.0	11	29.5	34	50
MA311M12	12	18.0	19.0	11	29.5	35	50
MA311M13	13	19.0	19.0	11	29.5	36	50
MA311M14	14	20.0	19.0	11	29.5	37	50
MA311M15	15	21.9	19.0	13	29.5	42	50
MA311M16	16	23.5	22.0	13	30.0	57	50
MA311M17	17	25.0	22.0	13	30.0	59	50
MA311M18	18	26.0	22.0	13	30.0	61	50
MA311M19	19	27.0	22.0	15	30.0	63	50
MA311M20	20	28.0	22.0	15	30.0	79	50
MA311M21	21	30.0	22.0	15	30.0	79	50
MA311M22	22	32.0	22.0	15	30.0	98	50
MA311M23	23	33.0	22.0	15	30.0	98	50
MA311M24	24	34.0	22.0	15	30.0	98	50

3/8"MA311S

IMPACT STANDARD SOCKET

- 3/8" Drive Standard Length
- 6 Points
- Inch Size





M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	inch	mm	mm	mm	mm	g	
MA311S10	5/16"	12.6	19.0	9.0	29.5	31	50
MA311S12	3/8"	14.6	19.0	10.0	29.5	33	50
MA311S14	7/16"	17.1	19.0	11.0	29.5	33	50
MA311S16	1/2"	19.0	19.0	11.0	29.5	37	50
MA311S18	9/16"	20.0	19.0	11.0	29.5	39	50
MA311S20	5/8"	23.5	22.0	13.0	30.0	54	50
MA311S22	11/16"	25.0	22.0	13.0	30.0	56	50
MA311S24	3/4"	27.0	22.0	15.0	30.0	63	50
MA311S26	13/16"	30.0	22.0	15.0	30.0	79	50
MA311S28	7/8"	32.0	22.0	15.0	30.0	87	50
MA311S30	15/16"	34.0	22.0	15.0	30.0	98	50
MA311S32	1"	36.0	22.0	15.0	30.0	100	50

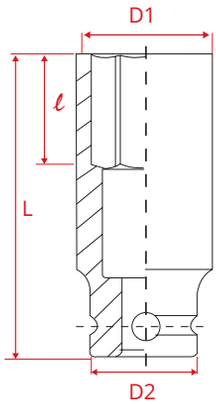
IMPACT SOCKET

3/8”MA331M

IMPACT DEEP SOCKET

- 3/8” Drive Deep Length
- 6 Points
- Metric Size





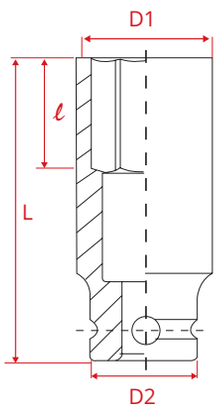
M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	mm	mm	mm	mm	mm	g	
MA331M06	6	10.1	19.0	14	63	73	50
MA331M07	7	11.4	19.0	14	63	73	50
MA331M08	8	12.7	19.0	14	63	73	50
MA331M09	9	14.0	19.0	14	63	75	50
MA331M10	10	15.2	19.0	20	63	76	50
MA331M11	11	17.0	19.0	20	63	81	50
MA331M12	12	18.0	19.0	22	63	78	50
MA331M13	13	19.0	19.0	24	63	86	50
MA331M14	14	20.0	19.0	26	63	93	50
MA331M15	15	22.2	19.0	27	63	102	50
MA331M16	16	23.5	22.0	26	63	115	50
MA331M17	17	25.0	22.0	26	63	127	50
MA331M18	18	26.0	22.0	26	63	137	50
MA331M19	19	27.0	22.0	26	63	143	50
MA331M20	20	28.0	22.0	26	63	143	50
MA331M21	21	30.0	22.0	26	63	194	50
MA331M22	22	32.0	22.0	26	63	206	50
MA331M23	23	33.0	22.0	26	63	206	50

3/8”MA331S

IMPACT DEEP SOCKET

- 3/8” Drive Deep Length
- 6 Points
- Inch Size





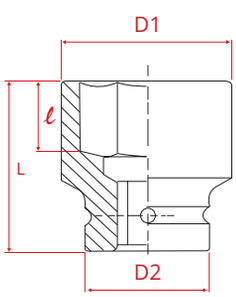
M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	inch	mm	mm	mm	mm	g	
MA331S08	1/4”	10.5	19.0	4.0	28.5	35	50
MA331S10	5/16”	12.6	19.0	14	63	73	50
MA331S12	3/8”	14.6	19.0	20	63	76	50
MA331S14	7/16”	17.1	19.0	20	63	81	50
MA331S16	1/2”	19.0	19.0	24	63	83	50
MA331S18	9/16”	20.0	19.0	26	63	87	50
MA331S20	5/8”	23.5	22.0	26	63	111	50
MA331S22	11/16”	25.0	22.0	26	63	125	50
MA331S24	3/4”	27.0	22.0	26	63	142	50
MA331S26	13/16”	30.0	22.0	26	63	178	50
MA331S28	7/8”	32.0	22.0	26	63	188	50
MA331S30	15/16”	34.0	22.0	26	63	232	50
MA331S32	1”	36.0	22.0	26	63	249	50

MA401M

IMPACT SOCKET

- 1/2”Drive Stubby Metric Size





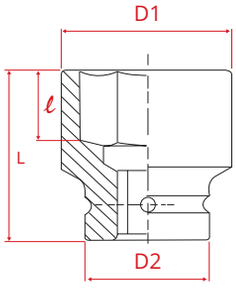
M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	mm	mm	mm	mm	mm	g	
MA401M09	9	18	25	5	28	48	100
MA401M10	10	18	25	5	28	50	100
MA401M11	11	18	25	5	28	50	100
MA401M12	12	19	25	5	28	50	100
MA401M13	13	20	25	5	28	52	100
MA401M14	14	22	25	5	28	53	100
MA401M15	15	23	25	5	28	55	100
MA401M16	16	25	25	8	28	62	100
MA401M17	17	26	26	8	28	67	100
MA401M18	18	28	28	8	28	82	100
MA401M19	19	28	28	9	28	80	100
MA401M20	20	30	30	9	28	90	100
MA401M21	21	30	30	9	28	86	100
MA401M22	22	32	30	9	28	94	100
MA401M23	23	34	30	9	28	102	100
MA401M24	24	34	30	9	28	98	100

MA401S

IMPACT SOCKET

- 1/2”Drive Stubby Inch Size

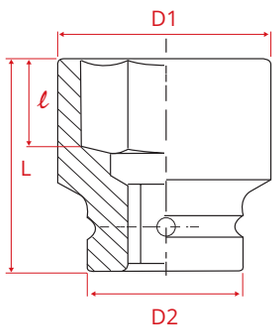




M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	inch	mm	mm	mm	mm	g	
MA401S10	5/16”	14.5	25	5	28	46	100
MA401S12	3/8”	16	25	5	28	47	100
MA401S14	7/16”	18	25	5	28	50	100
MA401S16	1/2”	20	25	5	28	51	100
MA401S18	9/16”	22	25	5	28	54	100
MA401S20	5/8”	25	25	8	28	61	100
MA401S26	13/16”	30	30	9	28	88	100
MA401S28	7/8”	32	30	9	28	95	100
MA401S30	15/16”	34	30	9	28	98	100

1/2”MA411M
IMPACT STANDARD SOCKET

- 1/2” Drive Standard Length
- 6 Points
- Metric Size

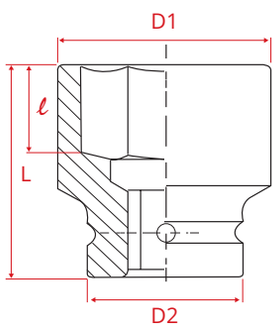




M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	mm	mm	mm	mm	mm	g	
MA411M08	8	14.5	25.0	9	38	80	75
MA411M09	9	15.6	25.0	10	38	80	75
MA411M10	10	16.7	25.0	10	38	71	75
MA411M11	11	18.0	25.0	10	38	72	75
MA411M12	12	19.0	25.0	11	38	72	75
MA411M13	13	20.2	25.0	11	38	74	75
MA411M14	14	21.5	25.0	11	38	77	75
MA411M15	15	23.0	25.0	12	38	78	75
MA411M16	16	24.9	25.0	12	38	82	75
MA411M17	17	25.9	25.0	13	38	84	75
MA411M18	18	26.9	25.0	13	38	88	75
MA411M19	19	29.9	25.0	13	38	88	50
MA411M20	20	29.9	25.0	13	38	90	50
MA411M21	21	32.0	30.0	14.5	38	93	50
MA411M22	22	32.0	30.0	14.5	38	134	50
MA411M23	23	34.0	30.0	16	42	138	20
MA411M24	24	36.0	30.0	17	42	138	20
MA411M25	25	36.0	30.0	17	42	150	20
MA411M26	26	38.0	30.0	17	42	158	20
MA411M27	27	38.0	30.0	19	46	159	20
MA411M28	28	38.0	30.0	16	46	270	20
MA411M29	29	38.0	30.0	16	46	270	20
MA411M30	30	41.9	30.0	19	46	222	20
MA411M31	31	43.9	30.0	20.5	46	244	20
MA411M32	32	43.9	30.0	20.5	46	238	20
MA411M33	33	45.9	30.0	22	46	290	20
MA411M34	34	45.9	30.0	22	46	330	20
MA411M35	35	49.9	30.0	22	50	357	20
MA411M36	36	49.9	30.0	22	50	376	20
MA411M37	37	50.9	30.0	25	50	380	20
MA411M38	38	51.9	30.0	25	50	390	20

1/2”MA411S
IMPACT STANDARD SOCKET

- 1/2” Drive Standard Length
- 6 Points
- Inch Size





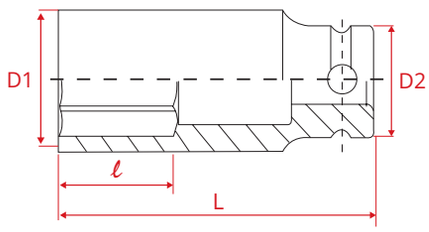
M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	inch	mm	mm	mm	mm	g	
MA411S08	1/4”	12.5	25.0	8	38	70	40
MA411S10	5/16”	14.5	25.0	8	38	70	40
MA411S12	3/8”	16.0	25.0	8	38	70	40
MA411S14	7/16”	18.0	25.0	9	38	72	40
MA411S16	1/2”	20.0	25.0	11	38	74	40
MA411S18	9/16”	22.0	25.0	11	38	76	40
MA411S20	5/8”	24.9	25.0	12	38	81	40
MA411S22	11/16”	26.0	25.0	12	38	83	40
MA411S24	3/4”	28.0	25.0	12	38	85	40
MA411S26	13/16”	30.0	25.0	13	38	94	40
MA411S28	7/8”	32.0	30.0	13	38	134	40
MA411S30	15/16”	34.0	30.0	15	38	135	40
MA411S32	1”	36.0	30.0	15	38	144	40
MA411S34	1-1/16”	38.0	30.0	17	40	203	20
MA411S36	1-1/8”	40.0	30.0	18.5	40	260	20
MA411S38	1-3/16”	42.0	30.0	18.5	40	280	20
MA411S40	1-1/4”	44.0	30.0	18.5	40	290	20
MA411S42	1-5/16”	46.0	30.0	21	43	301	20
MA411S44	1-3/8”	48.0	30.0	21	43	338	20
MA411S46	1-7/16”	50.0	30.0	21	43	357	20
MA411S48	1-1/2”	52.0	30.0	23.5	43	376	20

IMPACT SOCKET

1/2”MA431M

IMPACT DEEP SOCKET

- 1/2” Drive Deep Length
- 6 Points
- Metric Size



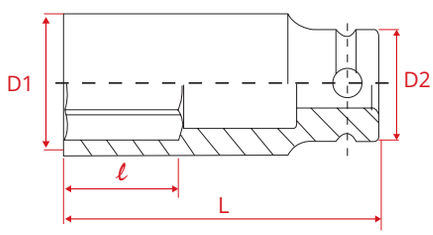


M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	mm	mm	mm	mm	mm	g	
MA431M06	6	12.0	25.0	10	82	168	50
MA431M07	7	13.0	25.0	10	82	168	50
MA431M08	8	14.5	25.0	13	82	168	50
MA431M09	9	15.6	25.0	15	82	168	50
MA431M10	10	16.7	25.0	15	82	168	50
MA431M11	11	18.0	25.0	15	82	169	50
MA431M12	12	19.0	25.0	15	82	170	50
MA431M13	13	20.2	25.0	15	82	176	50
MA431M14	14	21.5	25.0	18	82	180	50
MA431M15	15	23.0	25.0	18	82	184	50
MA431M16	16	24.9	25.0	18	82	190	50
MA431M17	17	25.9	25.0	19	82	196	50
MA431M18	18	26.9	25.0	19	82	214	50
MA431M19	19	29.9	30.0	19	82	216	50
MA431M20	20	29.9	30.0	26	82	220	50
MA431M21	21	31.9	30.0	26	82	222	50
MA431M22	22	31.9	30.0	26	82	288	50
MA431M23	23	33.9	30.0	26	82	338	20
MA431M24	24	35.9	30.0	26	82	377	20
MA431M25	25	35.9	30.0	26	82	369	20
MA431M26	26	37.9	30.0	26	82	321	20
MA431M27	27	39.9	30.0	26	82	454	20
MA431M28	28	39.9	30.0	26	82	442	20
MA431M29	29	41.9	30.0	26	82	451	20
MA431M30	30	41.9	30.0	26	82	431	20
MA431M31	31	43.9	30.0	26	90	480	20
MA431M32	32	43.9	30.0	26	90	497	20
MA431M33	33	45.9	30.0	38	90	590	20
MA431M34	34	45.9	30.0	38	90	554	20
MA431M35	35	49.9	30.0	38	93	690	20
MA431M36	36	49.9	30.0	38	93	670	20

1/2”MA431S

IMPACT DEEP SOCKET

- 1/2” Drive Deep Length
- 6 Points
- Inch Size



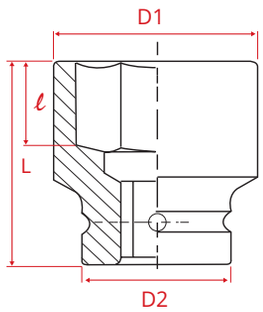


M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	inch	mm	mm	mm	mm	g	
MA431S08	1/4”	12.5	25.0	10	82	160	40
MA431S10	5/16”	14.5	25.0	13	82	160	40
MA431S12	3/8”	16.0	25.0	15	82	167	40
MA431S14	7/16”	18.0	25.0	15	82	171	40
MA431S16	1/2”	20.0	25.0	15	82	176	40
MA431S18	9/16”	22.0	25.0	17	82	181	40
MA431S20	5/8”	24.9	25.0	18	82	187	40
MA431S22	11/16”	25.9	25.0	18	82	194	40
MA431S24	3/4”	27.9	25.0	18	82	217	20
MA431S26	13/16”	29.9	25.0	26	82	227	20
MA431S28	7/8”	31.9	30.0	26	82	290	20
MA431S30	15/16”	33.9	30.0	26	82	319	20
MA431S32	1”	35.9	30.0	26	82	346	20
MA431S34	1-1/16”	37.9	30.0	26	82	450	20
MA431S36	1-1/8”	39.9	30.0	26	82	450	20
MA431S38	1-3/16”	41.9	30.0	26	82	480	20
MA431S40	1-1/4”	43.9	30.0	26	82	500	20
MA431S42	1-5/16”	45.9	30.0	34	90	565	20
MA431S44	1-3/8”	47.9	30.0	34	90	595	20
MA431S46	1-7/16”	49.9	30.0	34	90	699	20
MA431S48	1-1/2”	51.8	30.0	34	90	744	20

3/4”MA611S

IMPACT STANDARD SOCKET

- 3/4” Drive Standard Length
- 6 Points
- Inch Size



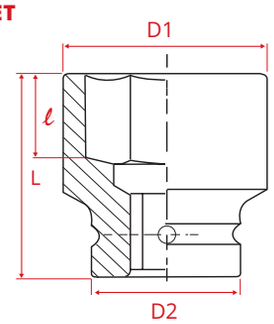


M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	inch	mm	mm	mm	mm	g	
MA611S16	1/2”	22	38	6.3	50	380	50
MA611S18	9/16”	25.5	38	6.3	50	380	50
MA611S20	5/8”	27.5	38	7.1	50	380	50
MA611S22	11/16”	29	38	8.1	50	390	50
MA611S24	3/4”	30.2	38	9	52	390	50
MA611S26	13/16”	32	38	10.6	52	400	50
MA611S28	7/8”	34	38	12.2	52	440	50
MA611S30	15/16”	36	38	12.4	52	440	50
MA611S32	1”	38	38	12.4	52	450	50
MA611S34	1-1/16”	40	40	12.4	52	510	50
MA611S36	1-1/8"	42	42	16.1	52	570	50
MA611S38	1-3/16”	44	44	16.1	52	610	35
MA611S40	1-1/4"	46	44	16.1	52	630	35
MA611S42	1-5/16”	50	44	18.8	56	660	35
MA611S44	1-3/8”	52	44	18.8	56	770	35
MA611S46	1-7/16”	54	44	18.8	56	770	35
MA611S48	1-1/2”	56	44	21.5	56	830	25
MA611S50	1-9/16”	58	44	21.5	58	860	25
MA611S52	1-5/8”	60	44	21.5	58	870	25
MA611S54	1-11/16”	63.5	44	24.6	62	1050	25
MA611S56	1-3/4”	65	44	24.9	62	1090	25
MA611S58	1-13/16”	67	44	25.1	63	1150	25
MA611S60	1-7/8”	68	44	27	68	1200	25
MA611S62	1-15/16”	70	44	27	70	1250	25
MA611S64	2”	71	44	27	72	1310	25
MA611S66	2-1/16”	74	54	29.2	72	1380	25
MA611S68	2-1/8”	77	54	30.3	72	1650	20
MA611S70	2-3/16”	77	54	30.3	74	1700	20
MA611S72	2-1/4”	80	54	32.4	74	1720	20
MA611S74	2-5/16”	82	54	32.8	75	1810	20
MA611S76	2-3/8”	84	54	33.1	80	2050	20
MA611S78	2-7/16”	85	54	34.4	80	2080	10
MA611S80	2-1/2”	86	54	34.4	80	2250	10
MA611S82	2-9/16”	88	54	35.1	80	2300	5
MA611S84	2-5/8”	88	54	35.1	80	2300	5
MA611S86	2-11/16”	88	54	36.4	80	2300	5
MA611S88	2-3/4”	96	54	37.8	85	2450	5
MA611S90	2-13/16”	96	60	38.1	88	2550	5
MA611S92	2-7/8”	98	60	39.4	90	2600	5
MA611S94	2-15/16”	100	60	46	92	2700	5
MA611S96	3”	100	60	46	92	2800	5

3/4”MA611M

IMPACT STANDARD SOCKET

- 3/4” Drive Standard Length
- 6 Points
- Metric Size





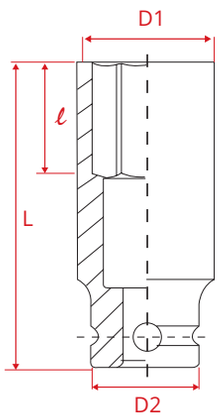
M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	mm	mm	mm	mm	mm	g	
MA611M13	13	22	38	7	50	210	50
MA611M14	14	25.5	38	7	50	210	50
MA611M15	15	26	38	7	50	220	50
MA611M16	16	27.5	38	7	50	220	50
MA611M17	17	28.5	38	9.6	50	230	50
MA611M18	18	29.5	38	10.2	52	230	50
MA611M19	19	30	38	11.1	52	230	50
MA611M20	20	31	38	11.5	52	240	50
MA611M21	21	32	38	11.7	52	240	50
MA611M22	22	34	38	12.5	52	250	50
MA611M23	23	35	38	12.7	52	250	50
MA611M24	24	36	38	14	52	250	50
MA611M25	25	38	38	14	52	270	50
MA611M26	26	38	38	14.6	52	270	50
MA611M27	27	40	40	15.8	52	280	50
MA611M28	28	42	42	16.3	52	320	50
MA611M29	29	42	42	16.7	52	320	50
MA611M30	30	46	44	16.7	52	370	50
MA611M31	31	46	44	16.7	52	370	50
MA611M32	32	48	44	18.3	52	380	30
MA611M33	33	50	44	19.1	56	410	30
MA611M34	34	51	44	20	56	410	30
MA611M35	35	52	44	20.1	56	470	25
MA611M36	36	53.5	44	21.5	56	470	25
MA611M37	37	54	44	21.5	56	470	25
MA611M38	38	56	44	22.3	56	470	25
MA611M39	39	56	44	22.3	58	480	25
MA611M40	40	58	44	22.8	58	540	25
MA611M41	41	60	44	23	58	590	25
MA611M42	42	61	44	23	58	660	25
MA611M43	43	63	44	23	62	700	25
MA611M44	44	65	44	23	62	720	25
MA611M45	45	66	44	23	63	740	25
MA611M46	46	67	44	23	63	770	25
MA611M47	47	68	44	27	68	820	20
MA611M48	48	69	44	27	68	830	20
MA611M49	49	70	44	29	70	830	20
MA611M50	50	71	54	29.8	72	970	20
MA611M51	51	71	54	29.8	72	1150	20
MA611M52	52	74	54	29.8	72	1250	20
MA611M54	54	77	54	29.8	72	1250	20
MA611M55	55	77	54	29.8	74	1250	20
MA611M56	56	77	54	31	74	1450	20
MA611M57	57	80	54	31	74	1550	20
MA611M58	58	82	54	31	74	1580	20
MA611M59	59	82	54	33	75	1600	20
MA611M60	60	84	54	33	80	1620	20
MA611M62	62	85	54	33	80	1650	10
MA611M63	63	86	54	33	80	1720	10
MA611M65	65	88	54	33	80	1790	10
MA611M67	67	90	54	35	80	1850	10
MA611M70	70	96	54	35	85	1920	10
MA611M73	73	98	54	42	88	1920	5
MA611M75	75	100	60	44	90	2340	5

IMPACT SOCKET

3/4”MA631S

IMPACT DEEP SOCKET

- 3/4” Drive Deep Length
- 6 Points
- Inch Size





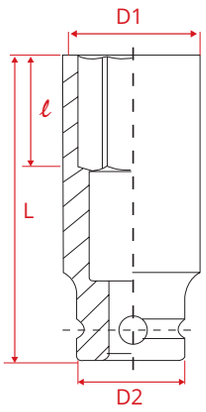
M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	inch	mm	mm	mm	mm	g	
MA631S16	1/2”	22	38	12	90	380	25
MA631S18	9/16”	25.5	38	12	90	380	25
MA631S20	5/8”	27.5	38	12	90	380	25
MA631S22	11/16”	29	38	12	90	380	25
MA631S24	3/4”	30	38	12	90	390	25
MA631S26	13/16”	32	38	12	90	390	25
MA631S28	7/8”	34	38	19	90	400	25
MA631S30	15/16”	36	38	19	90	440	25
MA631S32	1”	38	38	19	90	440	25
MA631S34	1-1/16”	40	40	19	90	450	25
MA631S36	1-1/8”	42	42	19	90	510	25
MA631S38	1-3/16”	44	44	19	90	570	20
MA631S40	1-1/4”	46	44	19	90	610	20
MA631S42	1-5/16”	50	44	19	90	630	20
MA631S44	1-3/8”	52	44	19	90	660	20
MA631S46	1-7/16”	54	44	19	90	770	20
MA631S48	1-1/2”	56	44	22	92	770	20
MA631S50	1-9/16”	58	44	40	92	830	20
MA631S52	1-5/8”	60	44	40	92	860	20
MA631S54	1-11/16”	63.5	44	40	92	870	10
MA631S56	1-3/4”	65	44	40	92	1050	10
MA631S58	1-13/16”	67	44	40	92	1090	10
MA631S60	1-7/8”	68	44	40	92	1150	10
MA631S62	1-15/16”	70	44	40	92	1200	10
MA631S64	2”	71	54	40	95	1250	10
MA631S66	2-1/16”	74	54	40	95	1310	10
MA631S68	2-1/8”	77	54	40	100	1380	10
MA631S70	2-3/16”	77	54	40	100	1650	10
MA631S72	2-1/4”	80	54	40	100	1700	10
MA631S74	2-5/16”	82	54	40	105	1720	10
MA631S76	2-3/8”	84	54	40	105	1810	6
MA631S78	2-7/16”	85	54	40	105	2050	6
MA631S80	2-1/2”	86	54	40	105	2080	6
MA631S82	2-9/16”	88	54	40	105	2250	1
MA631S84	2-5/8”	90	54	40	105	2300	1
MA631S86	2-11/16”	92	54	40	105	2350	1
MA631S88	2-3/4”	96	54	40	105	2400	1
MA631S90	2-13/16”	98	54	40	105	2450	1
MA631S92	2-7/8”	100	54	40	105	2650	1
MA631S94	2-15/16”	102	54	40	105	2850	1
MA631S96	3”	104	54	40	105	3050	1

3/4”MA631M

IMPACT DEEP SOCKET

- 3/4” Drive Deep Length
- 6 Points
- Metric Size





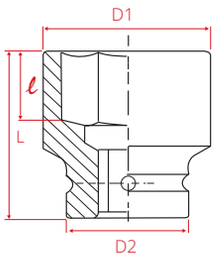
M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	mm	mm	mm	mm	mm	g	
MA631M13	13	22	38	12	90	380	25
MA631M14	14	25.5	38	12	90	380	25
MA631M15	15	26	38	12	90	380	25
MA631M16	16	27.5	38	12	90	380	25
MA631M17	17	28.5	38	12	90	390	25
MA631M18	18	29.5	38	12	90	390	25
MA631M19	19	30	38	12	90	390	25
MA631M20	20	31	38	19	90	390	25
MA631M21	21	32	38	19	90	400	25
MA631M22	22	34	38	19	90	430	25
MA631M23	23	35	38	19	90	430	25
MA631M24	24	36	38	19	90	440	25
MA631M25	25	38	38	19	90	460	25
MA631M26	26	40	40	19	90	460	25
MA631M27	27	40	40	19	90	500	25
MA631M28	28	42	42	19	90	550	25
MA631M29	29	42	42	19	90	560	25
MA631M30	30	46	44	19	90	620	25
MA631M31	31	47	44	19	90	620	25
MA631M32	32	48	44	19	90	630	25
MA631M33	33	50	44	19	90	670	25
MA631M34	34	51	44	19	90	670	25
MA631M35	35	52	44	19	90	770	25
MA631M36	36	54	44	19	90	790	20
MA631M37	37	54	44	19	90	800	20
MA631M38	38	56	44	19	92	830	20
MA631M39	39	56	44	40	92	850	20
MA631M40	40	58	44	40	92	880	20
MA631M41	41	60	44	40	92	880	20
MA631M42	42	61	44	40	92	1050	20
MA631M43	43	63	44	40	92	1050	10
MA631M44	44	64	44	40	92	1060	10
MA631M45	45	66	44	40	92	1100	10
MA631M46	46	67	44	40	92	1150	10
MA631M47	47	68	44	40	92	1160	10
MA631M48	48	69	44	40	92	1200	10
MA631M49	49	70	44	40	92	1240	10
MA631M50	50	71	54	40	95	1320	10
MA631M51	51	72	54	40	95	1420	10
MA631M52	52	54	74	40	95	1530	10
MA631M54	54	76	54	40	100	1650	10
MA631M55	55	77	54	40	100	1670	10
MA631M56	56	78	54	40	100	1720	6
MA631M57	57	80	54	40	100	1820	6
MA631M58	58	82	54	40	105	1920	6
MA631M59	59	82	54	40	105	1920	6
MA631M60	60	84	54	40	105	2020	6
MA631M62	62	85	54	40	105	2080	6
MA631M65	65	88	54	40	105	2300	6
MA631M67	67	92	54	40	105	2350	6
MA631M70	70	96	54	40	105	2450	6
MA631M73	73	98	54	56	105	2280	5
MA631M75	75	100	60	60	110	2780	5

1”MA811S

IMPACT STANDARD SOCKET

- 1” Drive Standard Length
- 6 Points
- Inch Size





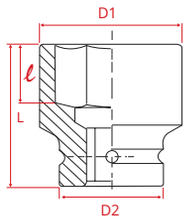
M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	inch	mm	mm	mm	mm	g	
MA811S20	5/8”	32	51	8	58	483	30
MA811S22	11/16”	34	51	8.1	58	480	24
MA811S24	3/4”	36	51	9.5	58	500	24
MA811S26	13/16”	38	51	11	58	510	24
MA811S28	7/8”	39	51	12.5	58	510	24
MA811S30	15/16”	40	51	12.5	58	510	24
MA811S32	1”	42	51	12.5	58	520	24
MA811S34	1-1/16”	44	51	12.5	58	520	24
MA811S36	1-1/8”	46	51	12.5	58	530	24
MA811S38	1-3/16”	48	51	16.5	60	550	24
MA811S40	1-1/4”	51	51	16.5	60	610	24
MA811S42	1-5/16”	52	52	19	62	620	24
MA811S44	1-3/8”	54	54	19	62	630	24
MA811S46	1-7/16”	56	54	19	62	640	24
MA811S48	1-1/2”	58	54	22	62	670	24
MA811S50	1-9/16”	60	54	22	62	870	24
MA811S52	1-5/8”	61.5	54	22	62	920	24
MA811S54	1-11/16”	65	54	25	64	920	20
MA811S56	1-3/4”	66	58	25	64	1000	20
MA811S58	1-13/16”	68	58	25.6	64	1000	20
MA811S60	1-7/8”	70	58	27	66	1080	10
MA811S62	1-15/16”	72	58	27	68	1080	10
MA811S64	2”	74	58	27	70	1100	10
MA811S66	2-1/16”	75	58	30	70	1200	10
MA811S68	2-1/8”	78	58	30	70	1250	10
MA811S70	2-3/16”	80	62	30	72	1450	10
MA811S72	2-1/4”	84	62	32.5	75	1520	10
MA811S74	2-5/16”	86	62	32.5	75	1520	10
MA811S76	2-3/8”	87	62	33.5	78	1720	10
MA811S78	2-7/16”	89	62	34	78	1890	10
MA811S80	2-1/2”	91	62	34	80	1900	10
MA811S82	2-9/16”	93	62	35	80	1900	10
MA811S84	2-5/8”	95	62	37.5	82	2000	10
MA811S86	2-11/16”	97	62	37.5	82	2200	10
MA811S88	2-3/4”	98	62	38	85	2250	5
MA811S90	2-13/16”	100	62	40	87	2380	5
MA811S92	2-7/8”	102	62	40	87	2400	5
MA811S94	2-15/16”	104	86	41	95	3190	5
MA811S96	3”	106	86	43	98	3450	5
MA811S98	3-1/16”	107	86	43.5	100	3550	5
MA811S100	3-1/8”	109	86	43.5	100	3620	5
MA811S104	3-1/4”	113	86	43.5	100	3800	5
MA811S108	3-3/8”	115	86	47.5	100	4050	5
MA811S112	3-1/2”	125	86	49	105	5170	2
MA811S116	3-5/8”	127	86	51	105	5200	2
MA811S120	3-3/4”	130	86	51	105	5250	2
MA811S124	3-7/8”	136	95	55	105	5990	2
MA811S126	3-15/16”	137	95	55	105	6000	2
MA811S128	4”	140	95	56	105	6000	2
MA811S132	4-1/8”	143	95	57.5	105	6500	2
MA811S136	4-1/4”	147	95	58.5	105	7200	2
MA811S144	4-1/2”	152	95	61	105	10000	2

1”MA811M

IMPACT STANDARD SOCKET

- 1” Drive Standard Length
- 6 Points
- Metric Size





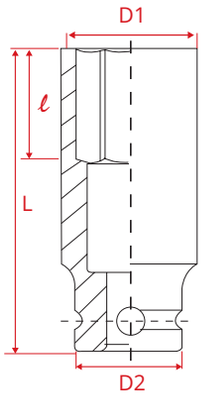
M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	mm	mm	mm	mm	mm	g	
MA811M17	17	34	51	11.5	58	490	25
MA811M18	18	35	51	11.5	58	500	25
MA811M19	19	36	51	11.5	58	500	25
MA811M20	20	37	51	11.5	58	500	25
MA811M21	21	38	51	11.5	58	500	25
MA811M22	22	39	51	12.5	58	510	25
MA811M23	23	40	51	13	58	510	25
MA811M24	24	40.5	51	14	58	510	25
MA811M25	25	41	51	14.5	58	510	25
MA811M26	26	42.5	51	15	58	520	25
MA811M27	27	44	51	16	58	520	25
MA811M28	28	45	51	16	58	530	25
MA811M29	29	46	51	16.5	60	530	25
MA811M30	30	48	51	17	60	530	25
MA811M31	31	49	49	17	60	545	20
MA811M32	32	51	51	18.5	62	590	25
MA811M33	33	52	52	19.5	62	620	25
MA811M34	34	54	54	19.5	62	640	20
MA811M35	35	54	54	20.5	62	650	20
MA811M36	36	56	54	21.5	62	670	20
MA811M37	37	57	54	22	62	670	20
MA811M38	38	58	54	22.5	62	680	20
MA811M39	39	58.7	54	23	62	770	20
MA811M40	40	60	54	23	62	870	20
MA811M41	41	61.5	54	23	62	920	15
MA811M42	42	63	54	23	64	980	15
MA811M43	43	65	54	23	64	1000	15
MA811M44	44	65	54	23	64	1000	15
MA811M45	45	66	54	23	64	1000	15
MA811M46	46	68	54	23	64	1000	15
MA811M47	47	69	54	24	66	1000	10
MA811M48	48	70	54	27	66	1050	10
MA811M49	49	72	58	27	68	1050	10
MA811M50	50	73	54	26	70	1070	10
MA811M51	51	74	58	27	70	1070	10
MA811M52	52	75	58	30	70	1200	10
MA811M53	53	75	54	27	70	1200	10
MA811M54	54	78	58	31	70	1200	10
MA811M55	55	79	54	28	72	1440	10
MA811M56	56	80	62	31	72	1350	10
MA811M57	57	84	62	32.5	75	1350	10
MA811M58	58	85	54	30	75	1620	10
MA811M59	59	86	62	32.5	75	1620	10
MA811M60	60	87	54	31	78	1730	10
MA811M61	61	87	54	36	78	1730	10
MA811M62	62	89	62	35.5	78	1900	10
MA811M63	63	91	54	36	80	1730	10
MA811M65	65	93	54	35	80	1900	7
MA811M70	70	98	54	35	85	2190	7
MA811M73	73	102	62	40	87	2800	7
MA811M75	75	104	86	40	95	3200	5
MA811M76	76	106	86	43	98	3480	5
MA811M80	80	109	86	47	100	3650	5
MA811M85	85	115	86	47	100	4100	5
MA811M90	90	125	86	47	105	5200	5
MA811M95	95	130	86	50	105	5250	2
MA811M100	100	137	95	55	105	6050	2
MA811M105	105	143	95	55	105	6550	2
MA811M110	110	147	95	55	105	7250	2
MA811M115	115	152	95	55	105	10000	2
MA811M120	120	160	95	60	110	14000	2
MA811M125	125	165	95	63	115	19000	2

IMPACT SOCKET

1"MA831S
IMPACT DEEP SOCKET

- 1" Drive Deep Length
- 6 Points
- Inch Size



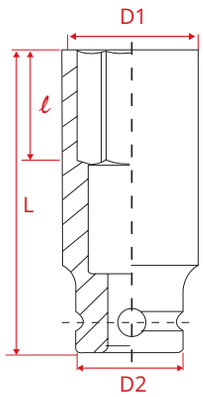


M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	inch	mm	mm	mm	mm	g	
MA831S22	11/16"	34	51	16	90	620	20
MA831S24	3/4"	36	51	16	90	700	20
MA831S26	13/16"	38	51	16	90	700	20
MA831S28	7/8"	39	51	16	90	710	20
MA831S30	15/16"	40	51	16	90	720	20
MA831S32	1"	42	51	19	90	760	20
MA831S34	1-1/16"	44	51	19	90	800	20
MA831S36	1-1/8"	46	51	19	90	800	20
MA831S38	1-3/16"	48	51	19	90	820	20
MA831S40	1-1/4"	51	51	19	90	910	20
MA831S42	1-5/16"	52	52	23	90	910	20
MA831S44	1-3/8"	54	54	23	90	910	20
MA831S46	1-7/16"	56	54	23	90	950	20
MA831S48	1-1/2"	58	54	23	92	1000	20
MA831S50	1-9/16"	60	54	40	92	1200	5
MA831S52	1-5/8"	61.5	54	40	92	1200	5
MA831S54	1-11/16"	65	54	40	92	1200	5
MA831S56	1-3/4"	66	58	40	92	1350	5
MA831S58	1-13/16"	68	58	40	92	1350	5
MA831S60	1-7/8"	70	58	40	92	1500	5
MA831S62	1-15/16"	72	58	40	92	1560	5
MA831S64	2"	74	58	40	95	1560	5
MA831S66	2-1/16"	75	58	52	95	1600	5
MA831S68	2-1/8"	78	58	52	100	1750	5
MA831S70	2-3/16"	80	62	52	100	2000	5
MA831S72	2-1/4"	84	62	52	100	2200	5
MA831S74	2-5/16"	86	62	52	105	2260	5
MA831S76	2-3/8"	87	62	52	105	2350	5
MA831S78	2-7/16"	89	62	60	110	2500	5
MA831S80	2-1/2"	91	62	60	110	2580	5
MA831S82	2-9/16"	93	62	60	120	3000	5
MA831S84	2-5/8"	95	62	60	120	3220	5
MA831S86	2-11/16"	97	62	60	124	3250	5
MA831S88	2-3/4"	98	62	60	124	3280	5
MA831S90	2-13/16"	100	62	60	128	3700	5
MA831S92	2-7/8"	102	62	60	128	4150	5
MA831S94	2-15/16"	104	86	60	135	4550	5
MA831S96	3"	106	86	60	135	4550	4
MA831S98	3-1/16"	107	86	60	135	4850	4
MA831S100	3-1/8"	109	86	75	135	4850	4
MA831S104	3-1/4"	113	86	75	135	5150	4
MA831S108	3-3/8"	115	86	75	140	5250	2
MA831S112	3-1/2"	125	86	75	140	5750	2
MA831S116	3-5/8"	127	86	75	140	6050	2
MA831S120	3-3/4"	130	86	75	140	6320	2
MA831S124	3-7/8"	136	95	75	140	7400	2
MA831S126	3-15/16"	137	95	75	140	7500	2
MA831S128	4"	140	95	75	155	7500	2
MA831S132	4-1/8"	143	95	75	155	9800	2
MA831S136	4-1/4"	147	95	75	155	10000	2
MA831S144	4-1/2"	152	95	75	155	10000	2

1"MA831M
IMPACT DEEP SOCKET

- 1" Drive Deep Length
- 6 Points
- Metric Size





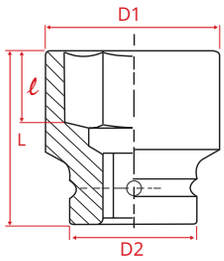
M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	mm	mm	mm	mm	mm	g	
MA831M17	17	34	51	16	90	620	20
MA831M18	18	35	51	16	90	630	20
MA831M19	19	36	51	16	90	700	20
MA831M20	20	37	51	16	90	700	20
MA831M21	21	38	51	16	90	710	20
MA831M22	22	39	51	16	90	710	20
MA831M23	23	40	51	16	90	710	20
MA831M24	24	40.5	51	16	90	720	20
MA831M25	25	41	51	19	90	720	20
MA831M26	26	42.5	51	19	90	750	20
MA831M27	27	44	51	19	90	800	20
MA831M28	28	45	51	19	90	800	20
MA831M29	29	46	51	19	90	800	20
MA831M30	30	48	51	19	90	800	20
MA831M32	32	51	51	19	90	910	20
MA831M33	33	52	52	30	90	910	20
MA831M34	34	54	54	30	90	950	10
MA831M35	35	54	54	30	90	950	10
MA831M36	36	56	54	30	90	950	10
MA831M37	37	57	54	30	90	960	10
MA831M38	38	58	54	30	92	990	10
MA831M39	39	58.7	54	40	92	1060	10
MA831M40	40	60	54	40	92	1200	10
MA831M41	41	61.5	54	40	92	1200	10
MA831M42	42	63	54	40	92	1200	10
MA831M43	43	65	54	40	92	1200	10
MA831M44	44	65	54	40	92	1380	10
MA831M45	45	66	54	40	92	1390	10
MA831M46	46	68	54	40	92	1400	10
MA831M47	47	69	54	40	92	1410	10
MA831M48	48	70	54	40	92	1450	10
MA831M49	49	72	58	40	92	1430	10
MA831M50	50	73	54	40	95	1570	10
MA831M51	51	74	58	40	95	1570	10
MA831M52	52	75	58	52	95	1600	10
MA831M54	54	78	58	52	100	1750	10
MA831M55	55	79	54	52	100	1950	10
MA831M56	56	80	62	52	100	2150	10
MA831M57	57	84	62	52	100	2200	10
MA831M58	58	85	54	52	100	2100	10
MA831M59	59	86	62	52	105	2350	10
MA831M60	60	87	54	52	105	2350	10
MA831M62	62	89	62	60	110	2450	10
MA831M63	63	91	54	60	110	2550	10
MA831M65	65	93	54	60	120	2950	10
MA831M70	70	98	54	60	124	3300	5
MA831M73	73	102	62	60	128	4150	5
MA831M75	75	104	86	60	135	4650	5
MA831M76	76	106	86	60	135	4950	5
MA831M78	78	107	86	60	135	5450	5
MA831M80	80	109	86	75	135	6000	5
MA831M85	85	115	86	75	140	7500	5
MA831M90	90	125	86	75	140	9000	5
MA831M95	95	130	86	75	140	10500	2
MA831M100	100	137	95	75	140	12000	2
MA831M105	105	143	95	75	155	13500	2
MA831M110	110	147	95	75	155	15000	2
MA831M115	115	152	95	75	155	16500	2

1-1/2”MA911S

IMPACT STANDARD SOCKET

- 1-1/2” Drive Standard Length
- 6 Points
- Inch Size





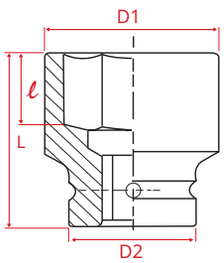
M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	inch	mm	mm	mm	mm	g	
MA911S38	1-3/16”	56	86	16.5	78	2200	1
MA911S40	1-1/4”	58	86	16.5	78	2200	1
MA911S42	1-5/16”	60	86	19	78	2200	1
MA911S44	1-3/8”	62	86	19.5	78	2200	1
MA911S46	1-7/16”	64	86	22.5	78	2000	1
MA911S48	1-1/2”	66	86	24	78	2200	1
MA911S50	1-9/16”	68	86	25.5	78	2200	1
MA911S52	1-5/8”	70	86	27	80	2200	1
MA911S54	1-11/16”	71	86	27	80	2200	1
MA911S56	1-3/4”	75	86	28.5	84	2300	1
MA911S58	1-13/16”	76	86	29	84	2300	1
MA911S60	1-7/8”	78	86	30	84	2300	1
MA911S62	1-15/16”	80	86	31	87	2400	1
MA911S64	2”	82	86	32	87	2400	1
MA911S66	2-1/16”	83	86	33	87	2400	1
MA911S68	2-1/8”	86	86	34.5	90	2500	1
MA911S70	2-3/16”	86	86	35	90	2500	1
MA911S72	2-1/4”	86	86	36	92	2800	1
MA911S74	2-5/16”	92	86	37	92	3100	1
MA911S76	2-3/8”	93	86	38.5	92	3100	1
MA911S78	2-7/16”	96	86	39.5	95	3400	1
MA911S80	2-1/2”	97	86	40.5	95	3400	1
MA911S82	2-9/16”	97	86	41	95	3400	1
MA911S84	2-5/8”	103	86	42.5	100	3600	1
MA911S86	2-11/16”	104	86	43	100	3800	1
MA911S88	2-3/4”	105	86	44.5	100	3800	1
MA911S90	2-13/16”	108	86	45.3	103	4000	1
MA911S92	2-7/8”	108	86	46.5	103	4100	1
MA911S94	2-15/16”	110	86	47	103	4200	1
MA911S96	3”	110	86	48	103	4300	1
MA911S98	3-1/16”	115	86	49.5	110	4400	1
MA911S100	3-1/8”	116	86	51	110	4500	1
MA911S102	3-3/16”	125	86	51	110	4800	1
MA911S104	3-1/4”	125	86	52	110	5500	1
MA911S106	3-5/16”	125	86	53.5	118	5500	1
MA911S108	3-3/8”	125	86	54	118	5500	1
MA911S110	3-7/16”	128	86	55	118	5700	1
MA911S112	3-1/2”	130	86	57.5	118	5800	1
MA911S114	3-9/16”	132	86	57.5	118	6000	1
MA911S116	3-5/8”	134	86	58	118	6200	1
MA911S118	3-11/16”	136	86	59.5	118	6400	1
MA911S120	3-3/4”	137	95	60.5	118	6600	1
MA911S122	3-13/16”	140	95	61.5	125	8600	1
MA911S124	3-7/8”	142	95	63.5	125	8900	1
MA911S126	3-15/16”	144	95	63.5	125	9300	1
MA911S128	4”	145	95	63.5	125	9450	1
MA911S130	4-1/16”	146	95	66	125	9450	1
MA911S132	4-1/8”	150	95	66	125	9500	1
MA911S134	4-3/16”	151	95	67	125	9500	1
MA911S136	4-1/4”	153	95	70	125	10300	1
MA911S138	4-5/16”	156	95	70	125	10700	1
MA911S140	4-3/8”	160	95	70	125	11500	1
MA911S142	4-7/16”	162	95	71.5	125	11800	1
MA911S144	4-1/2”	163	95	72	135	12000	1
MA911S148	4-5/8”	165	95	76.5	135	12600	1
MA911S152	4-3/4”	168	95	76.5	135	13500	1
MA911S160	5”	179	127	77	140	14500	1

1-1/2”MA911M

IMPACT STANDARD SOCKET

- 1-1/2" Drive Standard Length
- 6 Points
- Metric Size





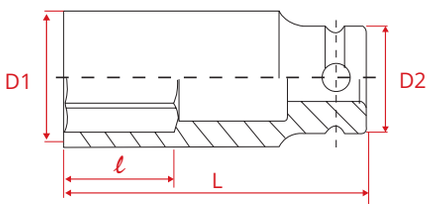
M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	mm	mm	mm	mm	mm	g	
MA911M30	30	56	86	17	78	2200	1
MA911M32	32	58	86	19	78	2200	1
MA911M34	34	61	86	20	78	2200	1
MA911M35	35	61	86	20	78	2200	1
MA911M36	36	64	86	22	78	2200	1
MA911M38	38	66	86	23	78	2200	1
MA911M40	40	68	86	23	78	2200	1
MA911M41	41	70	86	25	80	2200	1
MA911M42	42	70	86	25	80	2200	1
MA911M46	46	76	86	29	84	2200	1
MA911M50	50	81	86	30	87	2400	1
MA911M51	51	81	86	30	87	2400	1
MA911M52	52	87	86	30	88	2400	1
MA911M53	53	87	86	30	88	2400	1
MA911M54	54	87	86	30	88	2400	1
MA911M55	55	87	86	34	90	2500	1
MA911M57	57	87	86	34	90	2500	1
MA911M58	58	87	86	34	90	2500	1
MA911M60	60	93	86	35	92	3100	1
MA911M62	62	93	86	35	92	3100	1
MA911M63	63	93	86	35	92	3100	1
MA911M65	65	97	86	35	95	3400	1
MA911M66	66	97	86	35	95	3400	1
MA911M67	67	97	86	35	95	3400	1
MA911M68	68	104	86	35	100	3800	1
MA911M70	70	105	86	35	100	3800	1
MA911M72	72	105	86	35	100	3800	1
MA911M73	73	108	86	35	103	4100	1
MA911M75	75	110	86	35	103	4200	1
MA911M76	76	110	86	35	103	4300	1
MA911M78	78	115	86	38	110	4400	1
MA911M80	80	116	86	38	110	4650	1
MA911M85	85	125	86	41	118	5500	1
MA911M90	90	130	86	44	118	5800	1
MA911M95	95	137	95	46	118	6600	1
MA911M100	100	144	95	48	125	9300	1
MA911M105	105	150	95	51	125	9500	1
MA911M110	110	156	95	54	125	10500	1
MA911M115	115	160	95	56	135	12100	1
MA911M120	120	168	95	58	135	13200	1
MA911M125	125	175	95	61	135	14000	1
MA911M130	130	180	127	64	145	18000	1
MA911M135	135	186	127	68	150	19000	1
MA911M140	140	192	127	70	150	20000	1
MA911M145	145	198	127	74	150	21000	1
MA911M150	150	203	127	78	150	22000	1
MA911M155	155	209	127	78	150	24500	1
MA911M160	160	222	127	82	175	29800	1
MA911M165	165	228	127	90	175	32000	1
MA911M175	175	235	127	94	175	34500	1

IMPACT SOCKET

1-1/2”MA931S
IMPACT DEEP SOCKET

- 1-1/2” Drive Deep Length
- 6 Points
- Inch Size



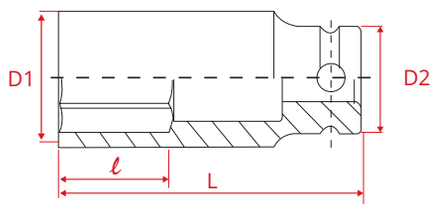


M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	inch	mm	mm	mm	mm	g	
MA931S48	1-1/2”	68	86	27	115	3200	1
MA931S52	1-5/8”	70	86	27	115	3200	1
MA931S54	1-11/16”	73	86	27	115	3200	1
MA931S56	1-3/4”	75	86	28.5	115	3200	1
MA931S58	1-13/16”	76	86	29	115	3200	1
MA931S60	1-7/8”	78	86	30	115	3200	1
MA931S62	1-15/16”	80	86	31	115	3600	1
MA931S64	2”	82	86	32	135	3800	1
MA931S66	2-1/16”	83	86	33	140	3900	1
MA931S68	2-1/8”	86	86	35	140	3900	1
MA931S70	2-3/16”	86	86	35	140	3900	1
MA931S72	2-1/4”	86	86	36	150	4700	1
MA931S74	2-5/16”	92	86	37	150	4700	1
MA931S76	2-3/8”	93	86	38.5	150	5200	1
MA931S78	2-7/16”	96	86	39.5	150	5200	1
MA931S80	2-1/2”	97	86	40.5	150	5200	1
MA931S82	2-9/16”	97	86	41	150	5700	1
MA931S84	2-5/8”	103	86	42.5	150	5700	1
MA931S86	2-11/16”	104	86	43	150	6300	1
MA931S88	2-3/4”	105	86	45	160	6700	1
MA931S90	2-13/16”	108	86	45.5	160	6700	1
MA931S92	2-7/8”	108	86	46.5	160	7320	1
MA931S94	2-15/16”	110	86	47	170	7800	1
MA931S96	3”	110	86	48	170	8500	1
MA931S98	3-1/16”	115	86	49.5	170	8500	1
MA931S100	3-1/8”	116	86	51	170	8500	1
MA931S102	3-3/16”	125	86	51	170	9900	1
MA931S104	3-1/4”	125	86	52	170	9900	1
MA931S106	3-5/16”	125	86	53.5	170	9900	1
MA931S108	3-3/8”	125	86	54	170	9900	1
MA931S110	3-7/16”	128	86	55	170	10300	1
MA931S112	3-1/2”	130	86	57.5	170	10700	1
MA931S114	3-9/16”	132	86	57.5	170	10700	1
MA931S116	3-5/8”	134	86	58	170	11000	1
MA931S118	3-11/16”	136	86	59.5	170	11200	1
MA931S120	3-3/4”	137	95	60.5	180	12200	1
MA931S122	3-13/16”	140	95	61.5	180	12500	1
MA931S124	3-7/8”	142	95	63.5	180	13100	1
MA931S126	3-15/16”	144	95	63.5	190	14100	1
MA931S128	4”	145	95	63.5	190	14900	1
MA931S130	4-1/16”	146	95	66	190	15200	1
MA931S132	4-1/8”	150	95	66	190	15800	1
MA931S134	4-3/16”	151	95	67	190	16500	1
MA931S136	4-1/4”	153	95	70	190	16800	1
MA931S138	4-5/16”	156	95	70	200	17000	1
MA931S140	4-3/8”	160	95	70	200	18200	1
MA931S142	4-7/16”	162	95	71.5	200	19100	1
MA931S144	4-1/2”	163	95	72	210	20100	1
MA931S148	4-5/8”	165	95	76.5	210	20900	1
MA931S152	4-3/4”	168	95	76.5	210	21500	1

1-1/2”MA931M
IMPACT DEEP SOCKET

- 1-1/2” Drive Deep Length
- 6 Points
- Metric Size





M7 NO.	⬡	D1	D2	ℓ	L	⚖	📦
	mm	mm	mm	mm	mm	g	
MA931M38	38	66	86	23.6	110	2760	5
MA931M41	41	70	86	25	115	3200	1
MA931M42	42	73	86	27	115	3200	1
MA931M46	46	76	86	29	115	3200	1
MA931M49	49	80	86	30	115	3200	1
MA931M50	50	81	86	30	135	3200	1
MA931M54	54	86	86	34	140	3900	1
MA931M55	55	87	86	34	140	3900	1
MA931M57	57	86	86	35	150	4300	1
MA931M58	58	93	86	35	150	4600	1
MA931M60	60	96	86	35	150	5150	1
MA931M62	62	97	86	35	150	5150	1
MA931M65	65	105	86	35	150	5700	1
MA931M70	70	108	86	35	160	6700	1
MA931M73	73	110	86	35	170	7800	1
MA931M75	75	110	86	35	170	7800	1
MA931M76	76	115	86	35	170	8200	1
MA931M78	78	116	86	38	170	8200	1
MA931M80	80	125	86	41	170	8600	1
MA931M85	85	130	86	44	170	9900	1
MA931M90	90	130	86	44	170	8400	1
MA931M95	95	137	95	46	180	12200	1
MA931M100	100	144	95	48	190	14100	1
MA931M105	105	150	95	51	190	15800	1
MA931M110	110	156	95	54	200	17000	1
MA931M115	115	160	95	56	200	20400	1
MA931M120	120	168	95	58	210	21500	1
MA931M125	125	168	95	80	210	13200	1

AD-22/23/24
MAGNETIC ALUMINUM RAIL

48 pieces in one carton



M7 NO.	Drive	Total Length		⚖	📦
	inch	inch	mm	g	
AD-2212	1/4”	12”	300	25	10
AD-2312	3/8”	12”	300	25	10
AD-2412	1/2”	12”	300	25	10
AD-2218	1/4”	18”	457	26	10
AD-2318	3/8”	18”	457	26	10
AD-2418	1/2”	18”	457	26	10

3/4”MA641M

4 POINT SQUARE IMPACT SOCKET

- 3/4” Drive Deep Length
- 4 Points
- Metric Size




M7 NO.	▢	D1	D2	L	⚖
	mm	mm	mm	mm	g
MA641M17	17	37	44	52	320
MA641M19	19	39	44	52	320
MA641M20	20	41	44	52	350
MA641M21	21	42	44	52	350

3/4”MA643M

4 POINT SQUARE IMPACT SOCKET

- 3/4” Drive Deep Length
- 4 Points
- Metric Size




M7 NO.	▢	D1	D2	L	⚖
	mm	mm	mm	mm	g
MA643M17	17	37	44	90	600
MA643M19	19	39	44	90	620
MA643M20	20	41	44	90	660
MA643M21	21	42	44	90	670
MA643M22	22	42	44	90	670

1”MA841S

4 POINT SQUARE IMPACT SOCKET

- 1” Drive Deep Length
- 4 Points
- Inch Size




M7 NO.	▢	D1	D2	L	⚖
	inch	mm	mm	mm	g
MA841S24	3/4”	43	54	57	380
MA841S26	13/16”	47	54	57	390
MA841S30	15/16”	48	54	57	430

3/4”MA641S

4 POINT SQUARE IMPACT SOCKET

- 3/4” Drive Deep Length
- 4 Points
- Inch Size




M7 NO.	▢	D1	D2	L	⚖
	inch	mm	mm	mm	g
MA641S24	3/4”	37	44	52	320
MA641S26	13/16”	39	44	52	320

1”MA841M

4 POINT SQUARE IMPACT SOCKET

- 1” Drive Deep Length
- 4 Points
- Metric Size




M7 NO.	▢	D1	D2	L	⚖
	mm	mm	mm	mm	g
MA841M17	17	40	54	57	360
MA841M19	19	43	54	57	360
MA841M20	20	45	54	57	390
MA841M21	21	47	54	57	390
MA841M22	22	47	54	57	390

1”MA843M

4 POINT SQUARE IMPACT SOCKET

- 1” Drive Deep Length
- 4 Points
- Metric Size




M7 NO.	▢	D1	D2	L	⚖
	mm	mm	mm	mm	g
MA843M17	17	40	54	76	680
MA843M19	19	43	54	76	700
MA843M20	20	45	54	76	720
MA843M21	21	47	54	76	740
MA843M22	22	47	54	76	740

IMPACT SOCKET

MA412M1719
DOUBLE SIDED SOCKET



2"Extended Anvil matching special double sided socket 17mm & 19mm specifically for automotive tyres.

MA412M2122
DOUBLE SIDED SOCKET



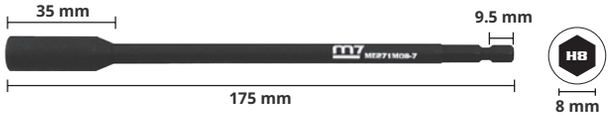
2"Extended Anvil matching special double sided socket 21mm & 22mm specifically for automotive tyres.

MA412S2426
DOUBLE SIDED SOCKET

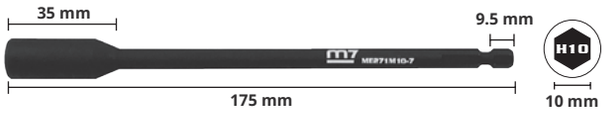


2"Extended Anvil matching special double sided socket 24mm & 26mm specifically for automotive tyres.

ME271M08-7
EXTENSION BIT SOCKET



ME271M10-7
EXTENSION BIT SOCKET



SOCKET PACK
100 pieces in one carton

M7 NO.	Drive
	inch
8702-1	1/4"
8703-1	3/8"
8704-1	1/2"
8706-1	3/4"
8708-1	1"



SOCKET STICKERS PACK
100 pieces in one carton

M7 NO.	Drive
	inch
8702	1/4"
8703	3/8"
8704	1/2"
8706	3/4"
8708	1"



MALE ADAPTER
Without Ball : ME486H, ME688H, ME684H, ME886H

M7 NO.	Spec	D	L		
	inch	mm	mm	g	
ME382	3/8"F x 1/4"M	22	32	12	50
ME384	3/8"F x 1/2"M	22	32	50	50
ME483	1/2"F x 3/8"M	25	38	65	50
ME486	1/2"F x 3/4"M	30	48	161	50
ME486H	1/2"F x 3/4"M	30	48	161	50
ME684	3/4"F x 1/2"M	44	60	343	50
ME684H	3/4"F x 1/2"M	44	60	343	50
ME688	3/4"F x 1"M	46	68	437	50
ME688H	3/4"F x 1"M	46	46	437	50
ME886	1"F x 3/4"M	56	80	653	25
ME886H	1"F x 3/4"M	56	80	653	25
ME889	1"F x 1-1/2"M	54	90	1078	25



UNIVERSAL JOINT
Without Ball : ME6711H, ME8711H

M7 NO.	Size	D	Total Length			
	inch	mm	inch	mm	g	
ME2711	1/4"	20	1-3/4"	65	42	10
ME3711	3/8"	27	2"	51	102	10
ME4711	1/2"	34	2-7/16"	61	208	10
ME6711	3/4"	49	3-1/2"	90.4	641	10
ME6711H	3/4"	49	3-1/2"	90.4	641	10
ME8711	1"	59	4-1/2"	114	1199	10
ME8711H	1"	59	4-1/2"	114	1199	10
ME9711	1-1/2"	90	6-11/16"	170	1312	10



1/4"ME221
EXTENSION BAR

M7 NO.	Total Length			
	inch	mm	g	
ME221-02	2"	50	26	10
ME221-04	4"	100	46	10
ME221-06	6"	150	67	10



3/8"ME321
EXTENSION BAR

M7 NO.	Total Length			
	inch	mm	g	
ME321-03	3"	75	79	10
ME321-05	5"	125	124	10
ME321-06	6"	150	140	10
ME321-10	10"	250	242	10
ME321-12	12"	300	288	10
ME321-15	15"	375	354	10



1/2"ME421

EXTENSION BAR

Without Ball : ME421-05H, ME421-10H

M7 NO.	Total Length			
	inch	mm	g	
ME421-03	3"	75	142	10
ME421-05	5"	125	228	10
ME421-05H	5"	125	228	10
ME421-06	6"	150	269	10
ME421-07	7"	175	310	10
ME421-08	8"	200	345	10
ME421-10	10"	250	653	10
ME421-10H	10"	250	653	10
ME421-15	15"	375	1041	10



1"ME821

EXTENSION BAR

Without Ball : ME821-07H, ME821-10H, ME821-13H

M7 NO.	Total Length			
	inch	mm	g	
ME821-03	3"	75	727	10
ME821-06	6"	150	1330	10
ME821-07	7"	175	1520	10
ME821-07H	7"	175	1520	10
ME821-08	8"	200	1705	10
ME821-10	10"	250	2050	10
ME821-10H	10"	250	2050	10
ME821-12	12"	300	2382	10
ME821-13	13"	330	2550	10
ME821-13H	13"	330	2550	10



ME422

EXTENSION BAR

1/2" Drive torque



M7 NO.	Color	Total Length	D	Torque		
		mm	mm	FT / Nm	g	
ME422-090	Yellow	194	9	65/90	236	10
ME422-110	Blue	194	11	80/110	231	10
ME422-122	Gray	194	12.2	100/135	258	10
ME422-137	White	194	13.7	120/160	300	10
ME422-151	Sky nature	194	15.1	140/190	306	10
ME422-103	Black	194	10.3	75/100	224	10
ME422-114	Beige	194	11.4	90/120	242	10
ME422-128	Orange	194	12.8	110/150	269	10

3/4"ME906

3/4" DRIVE LOCKING RING
3/4" DRIVE LOCKING PIN



M7 NO.	Desp.	Ø	d2	ℓ	Applied to socket sizes
		mm	mm	mm	
ME90627	Ring	3.5	33		17~30mm
ME90627	Pin	3		30	(11/16"~1-3/16")
ME90646	Ring	5.5	37		17~46mm
ME90646	Pin	4		35	(1-1/16"~1-13/16")
ME90650	Ring	5.5	44		48mm~65mm
ME90650	Pin	4		45	(1-7/8"~2-3/8")

3/4"ME621

EXTENSION BAR

Without Ball : ME621-04H, ME621-06H, ME621-07H, ME621-10H, ME621-13H

M7 NO.	Total Length			
	inch	mm	g	
ME621-04	4"	100	609	10
ME621-04H	4"	100	609	10
ME621-06	6"	150	813	10
ME621-06H	6"	150	813	10
ME621-07	7"	175	911	10
ME621-07H	7"	175	911	10
ME621-08	8"	200	929	10
ME621-10	10"	250	1200	10
ME621-10H	10"	250	1200	10
ME621-13	13"	330	1480	10
ME621-13H	13"	330	1480	10



ME4050

EXTENSION BAR

Contents :
ME422-090, ME422-110, ME422-122, ME422-137, ME422-151



1/2"ME904

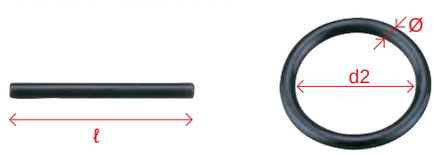
1/2" DRIVE LOCKING RING
1/2" DRIVE LOCKING PIN



M7 NO.	Desp.	Ø	d2	ℓ	Applied to socket sizes
		mm	mm	mm	
ME90424	Ring	3.5	19		8~19mm
ME90424	Pin	3		20	(3/16"~9/16")
ME90436	Ring	3.5	23		15~46mm
ME90436	Pin	3		25	(5/8"~1-1/4")

1"ME908

1" DRIVE LOCKING RING
1" DRIVE LOCKING PIN



M7 NO.	Desp.	Ø	d2	ℓ	Applied to socket sizes
		mm	mm	mm	
ME90836	Ring	5.5	48		19~70mm
ME90836	Pin	5		45	(3/4"~2-3/4")
ME90860	Ring	10	75		71~90mm
ME90860	Pin	5		75	(2-13/16"~3-1/2")

IMPACT SOCKET

3/8”ME371S

IMPACT HEX BITS

M7 NO.	⬣	D2	L	⚖	📦
	inch	mm	mm	g	
ME371S06	3/16”	19	60	50	300
ME371S07	7/32”	19	60	52	300
ME371S08	1/4”	19	60	70	300
ME371S09	9/32”	19	60	75	300
ME371S10	5/16”	19	60	80	300
ME371S12	3/8”	19	60	90	300
ME371S14	7/16”	19	60	90	300
ME371S16	1/2”	19	60	100	300
ME371S18	9/16”	19	60	115	300
ME371S20	5/8”	19	60	120	300



3/8”ME371M

IMPACT HEX BITS

M7 NO.	⬣	D2	L	⚖	📦
	mm	mm	mm	g	
ME371M04	4	19	60	50	300
ME371M05	5	19	60	50	300
ME371M06	6	19	60	65	300
ME371M07	7	19	60	75	300
ME371M08	8	19	60	80	300
ME371M09	9	19	60	85	300
ME371M10	10	19	60	90	300
ME371M11	11	19	60	90	300
ME371M12	12	19	60	95	300
ME371M13	13	19	60	100	300
ME371M14	14	19	60	110	300
ME371M15	15	19	60	115	300
ME371M16	16	19	60	120	300
ME371M17	17	19	60	150	300
ME371M19	19	19	60	170	300



1/2”ME471S

IMPACT HEX BIT 1/2” Drive inch size SAE

M7 NO.	⬣	Total Length	⚖	📦
	inch	mm	g	
ME471S06	3/16”	78	90	10
ME471S07	7/32”	78	90	10
ME471S08	1/4”	78	69	10
ME471S09	9/32”	78	95	10
ME471S10	5/16”	78	94	10
ME471S11	11/32”	78	100	10
ME471S12	3/8”	78	105	10
ME471S14	7/16”	78	119	10
ME471S16	1/2”	78	134	10
ME471S18	9/16”	78	151	10
ME471S20	5/8”	78	173	10
ME471S22	11/16”	78	194	10
ME471S24	3/4”	78	215	10
ME471S26	13/16”	78	229	10



1/2”ME471M

IMPACT HEX BIT 1/2” Drive metric size

M7 NO.	⬣	Total Length	⚖	📦
	mm	mm	g	
ME471M04	4	78	71	100
ME471M05	5	78	77	100
ME471M06	6	78	81	100
ME471M07	7	78	87	100
ME471M08	8	78	95	100
ME471M09	9	78	102	100
ME471M10	10	78	108	100
ME471M11	11	78	118	100
ME471M12	12	78	128	100
ME471M13	13	78	140	100
ME471M14	14	78	149	100
ME471M15	15	78	166	100
ME471M16	16	78	177	100
ME471M17	17	78	188	100
ME471M18	18	78	202	100
ME471M19	19	78	215	100
ME471M20	20	78	173	100
ME471M21	21	78	233	100
ME471M22	22	78	194	50



3/4”ME671S

IMPACT HEX BITS SOCKET

3/4” Drive inch size

M7 NO.	⬣	Total Length	⚖	📦
	inch	mm	g	
ME671S12	3/8”	480	480	35
ME671S14	7/16”	500	500	35
ME671S16	1/2”	510	510	35
ME671S18	9/16”	520	520	35
ME671S20	5/8”	530	530	35
ME671S22	11/16”	540	540	35
ME671S24	3/4”	600	600	30
ME671S26	13/16”	610	610	30
ME671S28	7/8”	620	620	30
ME671S30	15/16”	690	690	30
ME671S32	1”	680	680	25
ME671S34	1-1/16”	720	720	15
ME671S36	1-1/8”	740	740	15
ME671S38	1-3/16”	830	830	10
ME671S40	1-1/4”	850	850	10



3/4”ME671M

IMPACT HEX BITS SOCKET

3/4” Drive metric size

M7 NO.	⬣	Total Length	⚖	📦
	mm	mm	g	
ME671M10	10	100	490	35
ME671M12	12	100	510	35
ME671M14	14	100	520	35
ME671M17	17	100	540	35
ME671M19	19	100	600	35
ME671M21	21	100	610	25
ME671M22	22	100	620	25
ME671M24	24	100	690	25
ME671M27	27	100	720	20
ME671M30	30	100	830	20
ME671M32	32	100	850	20



1”ME871M
IMPACT HEX BITS SOCKET

M7 NO.	⬣	Total Length	⚖	📦
	mm	mm	g	
ME871M14	14	78	81	10
ME871M17	17	78	87	10
ME871M19	19	78	95	10
ME871M22	22	78	102	10
ME871M24	24	78	108	10
ME871M27	27	78	118	10
ME871M30	30	78	128	10
ME871M32	32	78	140	10
ME871M36	36	78	1100	10
ME871M41	41	78	---	10



1/2”ME473M NEW
HEX BALL DRIVE IMPACT SOCKET

M7 NO.	⬣	D2	L	⚖	📦
		mm	mm	g	
ME473M04	H4	25	78	78	---
ME473M05	H5	25	78	82	---
ME473M06	H6	25	78	86	---
ME473M07	H7	25	78	90	---
ME473M08	H8	25	78	93	---
ME473M10	H10	25	78	105	---
ME473M12	H12	25	78	118	---
ME473M14	H14	25	78	131	---
ME473M15	H15	25	78	140	---
ME473M16	H16	25	78	151	---
ME473M17	H17	25	78	161	---
ME473M18	H18	25	78	171	---
ME473M19	H19	25	78	182	---



3/4”ME673M NEW
IMPACT HEX BALL BIT SOCKET

M7 NO.	⬣	D2	L	⚖	📦
		mm	mm	g	
ME673M14	H14	44	100	463	---
ME673M17	H17	44	100	489	---
ME673M19	H19	44	100	508	---
ME673M21	H21	44	100	540	---
ME673M22	H22	44	100	554	---
ME673M24	H24	44	100	588	---
ME673M27	H27	44	100	643	---
ME673M30	H30	44	100	701	---
ME673M32	H32	44	100	741	---



3/8”ME371T
STAR BIT SOCKET

M7 NO.	✶	D2	L	⚖	📦
	T	mm	mm	g	
ME371T10	T10	19	60	71	300
ME371T15	T15	19	60	71	300
ME371T20	T20	19	60	68	300
ME371T25	T25	19	60	74	300
ME371T27	T27	19	60	76	300
ME371T30	T30	19	60	76	300
ME371T40	T40	19	60	81	300
ME371T45	T45	19	60	85	300
ME371T47	T47	19	60	85	300
ME371T50	T50	19	60	87	300
ME371T55	T55	19	60	106	300
ME371T60	T60	19	60	118	300
ME371T70	T70	19	60	135	300



1/2”ME471T
STAR BIT SOCKET

1/2” Drive Deep Length
6 Points
Inch Size

M7 NO.	✶	D2	L	⚖	📦
	T	mm	mm	g	
ME471T10	T10	25	78	71	1
ME471T15	T15	25	78	71	1
ME471T20	T20	25	78	68	1
ME471T25	T25	25	78	74	1
ME471T27	T27	25	78	76	1
ME471T30	T30	25	78	76	1
ME471T40	T40	25	78	81	1
ME471T45	T45	25	78	85	1
ME471T47	T47	25	78	85	1
ME471T50	T50	25	78	87	1
ME471T55	T55	25	78	106	1
ME471T60	T60	25	78	118	1
ME471T70	T70	25	78	135	1
ME471T80	T80	25	78	155	1
ME471T90	T90	25	78	155	1
ME471T100	T100	25	78	155	1



DRIVE BIT HOLDER

M7 NO.	Drive	Hex	⚖	📦
	inch		g	
MB371S08	3/8”	1/4”	43	10
MB471S08	1/2”	1/4”	76	10
MB471S10	1/2”	5/16”	78	10
MB471M10	1/2”	10 mm	80	10



1/2”ME472S
1/2” DRIVE BIT HOLDER QUICK CHANGE

M7 NO.	Drive	Hex	⚖	📦
	inch		g	
ME472S08	1/2”	1/4”	118	50



AFTER MARKET SUPPORT

AD-3511P
AD-3511T

Display security steel wire rope

Hook type base

HOOK TYPE BASE WITH CARD DISPLAY & DISPLAY SECURITY STEEL WIRE ROPE

Contents :

AD-3511P :
1 x Display security steel wire rope
2 x L Hex wrench
1 x Hex socket screws
AD-3511T :
1 x Acrylic card case hook type base







AD-3511P **AD-3511T**

Item No.	Adaptor Type	Contents				
 AD-3511	Europe	 SY-211M	 AD-3521			AD-3511T
 AD-3512	Japan	 SY-221M	 AD-3522			AD-3511T
 AD-3513	U.S.A	 SY-231M	 AD-3523			AD-3511T

AD-35

COMPLETE SET OF TOOL BASE

Item No.	Adaptor Type	Contents				
 AD-3501	Europe	 SY-211M	 AD-3521			AD-351
 AD-3502	Japan	 SY-221M	 AD-3522			AD-351
 AD-3501	U.S.A	 SY-231M	 AD-3521			AD-351

AD-36

COMPLETE SET OF TOOL BASE

Item No.	Adaptor Type	Contents				
 AD-3601	Europe	 SY-211M	 AD-3521			AD-305-41
AD-3602	Japan	SY-221M	AD-3522			AD-305-41
AD-3601	U.S.A	SY-231M	AD-3521			AD-305-41

AD-309
DISPLAY BOARD

1 pieces in one carton

Nice m7 brand image is conducive to small space display hanging tools.
Can also be used as a gift to the user to hang the tools.

Overall Size(mm) Width x Depth x Height
725 x 14 x 900 weight : 11.5 kg



AD-307
WALL TYPE DISPLAY STAND

Powder Coating
Attachment
1pc Brand Plate
2pcs Angled Steel Frame
2pcs Shelf
1pc Bottom Shelf
4pcs Steel Plate With Hole

Overall Size(mm) Width x Depth x Height
900 x 500 x 2230

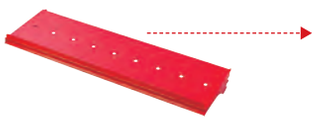
AD-303-41
Hooks



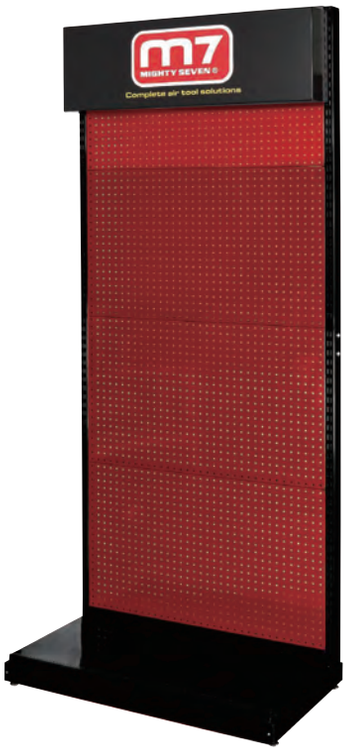
AD-351
OPTIONAL ITEM



AD-361
OPTIONAL ITEM



Overall Size(mm) Width x Depth
280 x 910



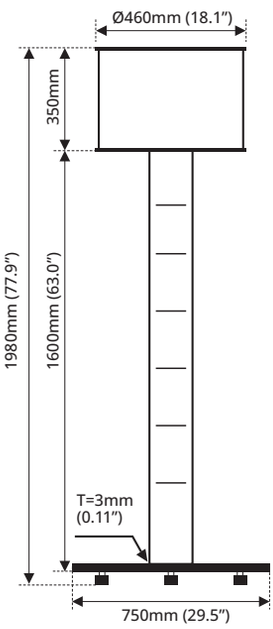
AD-308
TOWER TYPE DISPLAY STAND

1pc Transparent DM Shelf
2pcs Support Frame
1pc Bottom Shelf



AD-305-41
OPTIONAL ITEM





Package					
Contains	Net Weight	Gross Weight	Length		Width
	kg	kg	mm		mm
Lamp Case Set	10.6	11.6	760	750	20
Display Pillar	16.5	17.5	860	310	150
Display Stand Bottom Plate	5.6	6.2	500	460	90

ST-10C521
ST-10C522S
USER DIY ASSEMBLED MOBILE WORKING CHAIR

Color : red/black anti scratch paint
Seat cushion materials : high graded artificial PVC leather with sponge
Product sizes : long 350mm width 260mm height 240mm, excl. Wheels drawer height : 70mm
Product feature : storage daily needed tools reduce squatting fatigue, movable willingly.



ST-10C521



ST-10C522
1 Drawer Design

DISPLAY CASE

SF-306/SF-604/SF-605

SPARE PARTS BOX

greasy-resisting
wearproof

	Overall Size(mm) Width x Depth x Height
SF-306	303 x 106 x 253 (11.8"x4.1"x1")
SF-604	603 x 167 x 203 (23.7"x6.5"x8")
SF-605	603 x 123 x 153 (23.7"x4.8"x6")



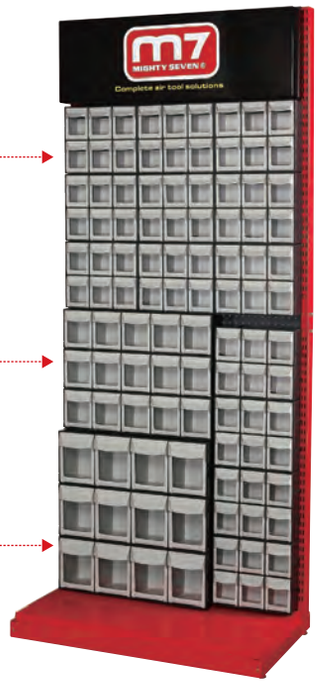
SF-306



SF-604



SF-605



AD-101

CORDLESS TOOLS DISPLAY



AD-306

TABLE TYPE DISPLAY STAND

1 pc Transparent DM shelf
2 pcs support frame
1 pc Bottom shelf
3 set (AD-3521/3522/3523)

Overall Size(mm) Width x Depth x Height
300 x 140 x 340



AD-306DB

TABLE DISPLAY FOR CORDLESS TOOL



AD-316 NEW

TABLE DISPLAY FOR CORDLESS TOOL (2 Sets)



AD-431

1/2" DR. SOCKET SHELF SET



AD-201

1/2" DR. SOCKET SHELF SET



SH-1001

AIR TOOL HOLDER



DISPLAY CASE

ACCESSORIES

NC-REPAIR KIT

Replacement Parts



NE-REPAIR KIT

Replacement Parts



PA-MC

Automatic Mandrel Collection

3/32"(2.4mm) 220pcs
1/8" (3.2mm) 160pcs
5/32"(4.0mm) 110pcs
3/16"(4.8mm) 80pcs



PE-MC

Standard Safety Tip



PC-901

Adjustable Toeque Air Tapping Adapter

HEX:8mm

For : Air Drill / Electricity DrillCordless Drill / Drill Machine

Blister+Card



NON-VACCUM VELCRO

Backing Face : velcro



Blister+Card

ITEM NO.	SIZE	Max R.P.M
QB-9302	2"	15000
QB-9303	3"	15000
QB-9305	5"	12000
QB-9306	6"	12000



SIX HOLE

Backing Face : velcro
velcro & vinyl are both available





Blister+Card

ITEM NO.	SIZE	Max R.P.M
QB-9315 (velcro)	5"	12000
QB-9355 (vinyl)	5"	10000
QB-9316 (velcro)	6"	12000
QB-9356 (vinyl)	6"	12000



NON-VACCUM VINYL

Backing Face : vinyl



Blister+Card

ITEM NO.	SIZE	Max R.P.M
QB-9345	5"	12000
QB-9346	6"	12000



FIFTEEN HOLE

Backing Face : velcro
velcro & vinyl are both available





Blister+Card

ITEM NO.	SIZE	Max R.P.M
QB-9327 (velcro)	6"	12000
QB-9366 (vinyl)	6"	12000



ACCESSORIES

QB-9303
3" Sanding Pad



QB-9320
PAD
FOR QK-111 QK-121



QB-9337M
7" Sanding Pad



QB-9337S
7" Sanding Pad



ITEM NO.	Size	Max R.P.M	Thread Size	For M7 Item No.
QB-9337M	7"	15,000	M14 x 2.0	QP-307 QP-327
QB-9337S	7"	15,000	5/8" x 11	QP-317

QB-922
2" Roll On Holder



QB-923
3" Roll On Holder



ITEM NO.	Size	Max R.P.M	For M7 Item No.
QB-922	2"	30,000	QP-212 QP-213
QB-923	3"	20,000	QP-223 QB-625

QB-9802
QB-9803
Stripping Disc



ITEM NO.	SIZE	R.P.M
QB-9802	2"	15,000
QB-9803	3"	15,000

QB-9712K
QB-9713K
Stripping Disc
Use on QB-922 & QB-923
Roll-on holder





5 pcs / 1 SET Bag+Card

ITEM NO.	SIZE	R.P.M
QB-9712K	2"	15,000
QB-9713K	3"	15,000

QB-801
Eraser Wheel



QB-9401
Wire Wheel



QB-9434 FOR GLOBAL
QB-9434U FOR USA ONLY
Eraser Wheel
Available with QB-812T



QB-9444 FOR GLOBAL
QB-9444U FOR USA ONLY
Eraser Wheel
Available with QB-802 & QB-812



QB-904/QB-905/QB-907
Grinding Wheel Materials:Aluminum Oxide



ITEM NO.	Specification	
0QB-904	100 x 6 x 16 4" x 1/4" x 5/8" 102mm	25 / 200
0QB-905	125 x 6 x 22 5" x 1/4" x 7/8" 127mm	25 / 200
0QB-907	180 x 6 x 22 7" x 1/4" x 7/8" 128mm	25 / 200

QB-913/QB-914
Cut-off Wheel



ITEM NO.	Specification	
0QB-913	75 x 1.5 x 10 3" x 1/16" x 3/8" 76mm	50 / 200
0QB-914	100 x 1.5 x 10 4" x 1/16" x 3/8" 102mm	50 / 200

QB-95 SERIES

Wool Bonnet PAD







Bag+Card

ITEM NO.	Size	PS.
0QB-9512	2″	Velcro
0QB-9513	3″	Velcro
0QB-9515	5″	Velcro
0QB-9517	7″	Velcro
0QB-9507	7″	Tie Cords

QB-94 SERIES

Sponge







Bag+Card

ITEM NO.	Size	PS.	Thickness	PS.
0QB-9402	2″	Yellow / Rough	25mm	Velcro
0QB-9422	2″	White / Medium	25mm	
0QB-9403	3″	Yellow / Rough	25mm	
0QB-9413	3″	White / Medium	25mm	
0QB-9404	4″	Yellow / Rough	25mm	
0QB-9414	4″	White / Medium	25mm	
0QB-9405	5″	Yellow / Rough	25mm	
0QB-9415	5″	White / Medium	25mm	
0QB-9406	6″	Yellow / Rough	25mm	
0QB-9416	6″	White / Medium	25mm	
0QB-9407	7″	Yellow / Rough	25mm	
0QB-9417	7″	White / Medium	25mm	

PAD DIE Series

5 pcs / 1 SET

Use on QB-922 & QB-923



Blister+Card



ITEM NO.	Size	PS.	Max R.P.M
QB-9702k-24	2″	Grit:#24	30,000
QB-9702k-40		Grit:#40	
QB-9702k-60		Grit:#60	
QB-9702k-80		Grit:#80	
QB-9702k-100		Grit:#100	
QB-9702k-120		Grit:#120	
QB-9702k-150		Grit:#150	
QB-9702k-180		Grit:#180	
QB-9702k-240		Grit:#240	
QB-9703k-24	3″	Grit:#24	25,000
QB-9703k-40		Grit:#40	
QB-9703k-60		Grit:#60	
QB-9703k-80		Grit:#80	
QB-9703k-100		Grit:#100	
QB-9703k-120		Grit:#120	
QB-9703k-150		Grit:#150	
QB-9703k-180		Grit:#180	
QB-9703k-320		Grit:#320	

PAD DIE Series

5 pcs / SET

Use on QB-922 & QB-923



Blister+Card



ITEM NO.	Size	PS.	Max R.P.M
QB-9712-YL	2″	Yellow-Coarse #80	30,000
QB-9712-RD	2″	Red-Medium #150	
QB-9712-BL	2″	Blue-Fine #300	
QB-9713-YL	3″	Yellow-Coarse #80	
QB-9713-RD	3″	Red-Medium #150	
QB-9713-BL	3″	Blue-Fine #300	

ACCESSORIES

QB-9303K04

3" Sander / Buffer Versatility Kit

Thread : 5/16" x 24
MAX : 15,000 R.P.M

For QP-113 / QP-123 / QP-213 / QP-223



CONTENTS :

3" Sanding Pad x 1PC
3" Foam Yellow x 1PC
3" Foam White x 1PC
3" Wool Bonnet x 1PC

Max R.P.M : 15,000

Backing Face :
Velcro Available

Blister+Card

QB-974K12

2" & 3" Surface Sanding Kit

2" Max : 30,000 R.P.M
3" Max : 20,000 R.P.M

For QA Series Die Grinder



SHANK TYPE
QB-974K12A : 6mm
QB-974K12B : 1/4"

CONTENTS :

Shank x 2 PC (A or B)
2" Rollon Holder x 1PC
3" Rollon Holder x 1PC
2" Sanding Disc x 4PCS
3" Sanding Disc x 4PCS

Blister+Card

QB-9743K20

3" Surface Sanding Kit

MAX : 20,000 R.P.M

For QA Series Die Grinder



SHANK TYPE
QB-9743K20A : 6mm
QB-9743K20B : 1/4"

CONTENTS :

Shank x 1 PC (A or B)
3" Rollon Holder x 1PC
3" Pad Die x 15PCS
3" Sanding Disc x 3PCS

Blister+Card

QB-9742K20

2" Surface Sanding Kit

MAX : 30,000 R.P.M

For QA Series Die Grinder



SHANK TYPE
QB-9742K20A : 6mm
QB-9742K12B : 1/4"

CONTENTS :

Shank x 1 PC (A or B)
2" Rollon Holder x 1PC
2" Pad Die x 15PCS
2" Sanding Disc x 3PCS

Blister+Card

QB-9742K12

2" Surface Sanding Kit

MAX : 30,000 R.P.M

For QA Series Die Grinder



CONTENTS :

Shank x 1 PC (A or B)
2" Rollon Holder x 1PC
2" Pad Die x 6PCS
2" Sanding Disc x 3PCS
2" Stripping Disc x 1PC

Blister+Card

QB-9743K12

3" Surface Sanding Kit

MAX : 20,000 R.P.M

For QA Series Die Grinder



SHANK TYPE
QB-9743K12A : 6mm
QB-9743K12B : 1/4"

CONTENTS :

Shank x 1 PC (A or B)
3" Rollon Holder x 1PC
3" Pad Die x 6PCS
3" Sanding Disc x 3PCS
3" Stripping Disc x 1PC

Blister+Card

QB-9773K19

3" Polishing Sponge Kit

MAX : 15,000 R.P.M

For QA Series Die Grinder



SHANK TYPE
QB-9773K19A : 6mm
QB-9773K19B : 1/4"

CONTENTS :

Shank x 1 PC (A or B)
3" Sanding Pad x 1PC
3" Sanding Sponge x 6PCS
3" Sanding Paper x 10PCS
3" Polishing Sponge x 2PCS

Blister+Card

QB-9752K07

2" Felt Pad Conditioning Disc Kit

MAX : 20,000 R.P.M

For QA Series Die Grinder



SHANK TYPE
QB-9752K07A : 6mm
QB-9752K07B : 1/4"

CONTENTS :

2" Felt Pad x 6PCS

Blister+Card

QB-9762K07

2" Surface Pad Conditioning Disc Kit

MAX : 20,000 R.P.M

For QA Series Die Grinder



SHANK TYPE
QB-9762K07A : 6mm
QB-9762K07B : 1/4"

CONTENTS :

Shank x 1 PC (A or B)
2"Stripping Disc x 2PCS

2" CONDITIONING DISC :

Red x 2PCS
Grey x 2PCS

Blister+Card

QB-911 [SET]
QB-912 [SET]

Abrasive Cloth Belt

QB-91108
QB-91208
Available with
For QB-311 / QB-321

QB-91110
QB-91210
Available with
For QB-312 / QB-322 / QB-322C





Blister+Card

ITEM NO.	Belt Size		For M7 Item NO.
QB-91108	10mm x 330mm #80	10Pcs/1 Set	QB-311 QB-321
QB-91110	10mm x 330mm #100	10Pcs/1 Set	
QB-91208	20mm x 520mm #80	10Pcs/1 Set	QB-322 QB-322C QB-312
QB-91210	20mm x 520mm #100	10Pcs/1 Set	

QB-9211A/B [SET]

Grinder Stone Set
A(3mm shank)B(1/8" shank)

Available with
QA-633Q, QA-611, QA-632Q, QA-111, QA-211, QA-231Q, QA-311, QA-313, QA-315





Blister+Card

QB-9933V

Velcro Triangular Sandpaper Set



QB-9213A/B [SET]

Grinder Stone Set
A(6mm shank)B(1/4" shank)

Available with
M7 All Air Die Grinder





Blister+Card

ITEM NO.	Size	PS.	Item NO.	pcs / set
0QB-9933V-04K50	3-1/5" (81.6mm)	Grit:#40	DOM-101 QK-131	50
0QB-9933V-06K10		Grit:#60		10
0QB-9933V-06K50		Grit:#60		50
0QB-9933V-08K50		Grit:#80		50
0QB-9933V-10K10		Grit:#100		10
0QB-9933V-10K50		Grit:#100		50

SANDING PAPER SERIES

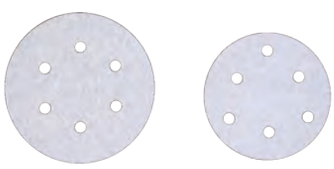
Velcro / Self-Adhesive
Six hole / Non-Vacuum

5 pcs or 10 pcs / 1 SET



Self-Adhesive

ITEM NO.	Size	PS.	Velcro / Self-AD	For M7 Item NO.	Holes	pcs / set	MOQ
0QB-9913S-08K10	3"	Grit:#80	Self-Adhesive	QP-113 QP-123	Non	10	100 Set
0QB-9913S-15K10		Grit:#150					
0QB-9913S-18K10		Grit:#180					
0QB-9913S-32K10		Grit:#320					
0QB-9913S-40K10		Grit:#400					
0QB-9915S-08K5	5"	Grit:#80		QB-41 QB-42 QB-43 QB-45 QB-46 QB-47 QB-51 QB-52 QB-53 QB-54 QB-56 QB-57 QB-58 QB-59		5	
0QB-9915S-15K5		Grit:#150					
0QB-9915S-18K5		Grit:#180					
0QB-9915S-32K5		Grit:#320					
0QB-9915S-40K5		Grit:#400					
0QB-9916S-08K5	6"	Grit:#80					
0QB-9916S-15K5		Grit:#150					
0QB-9916S-18K5		Grit:#180					
0QB-9916S-32K5		Grit:#320					
0QB-9916S-40K5		Grit:#400					
0QB-9905S-08K5	5"	Grit:#80			6		
0QB-9905S-15K5		Grit:#150					
0QB-9905S-18K5		Grit:#180					
0QB-9905S-32K5		Grit:#320					
0QB-9905S-40K5		Grit:#400					
0QB-9906S-08K5	6"	Grit:#80					
0QB-9906S-15K5		Grit:#150					
0QB-9906S-18K5		Grit:#180					
0QB-9906S-32K5		Grit:#320					
0QB-9906S-40K5		Grit:#400					



Velcro

ITEM NO.	Size	PS.	Velcro / Self-AD	For M7 Item NO.	Holes	pcs / set	MOQ
0QB-9913V-08K10	3"	Grit:#80	Velcro	QP-113 QP-123	Non	10	100 Set
0QB-9913V-15K10		Grit:#150					
0QB-9913V-18K10		Grit:#180					
0QB-9913V-32K10		Grit:#320					
0QB-9913V-40K10		Grit:#400					
0QB-9915V-08K5	5"	Grit:#80		QB-41 QB-42 QB-43 QB-45 QB-46 QB-47 QB-51 QB-52 QB-53 QB-54 QB-56 QB-57 QB-58 QB-59		5	
0QB-9915V-15K5		Grit:#150					
0QB-9915V-18K5		Grit:#180					
0QB-9915V-32K5		Grit:#320					
0QB-9915V-40K5		Grit:#400					
0QB-9916V-08K5	6"	Grit:#80					
0QB-9916V-15K5		Grit:#150					
0QB-9916V-18K5		Grit:#180					
0QB-9916V-32K5		Grit:#320					
0QB-9916V-40K5		Grit:#400					
0QB-9905V-08K5	5"	Grit:#80			6		
0QB-9905V-15K5		Grit:#150					
0QB-9905V-18K5		Grit:#180					
0QB-9905V-32K5		Grit:#320					
0QB-9905V-40K5		Grit:#400					
0QB-9906V-08K5	6"	Grit:#80					
0QB-9906V-15K5		Grit:#150					
0QB-9906V-18K5		Grit:#180					
0QB-9906V-32K5		Grit:#320					
0QB-9906V-40K5		Grit:#400					

ACCESSORIES

QD-905P

4 Pieces File Set clamshell pack
For QD-291 / 230
Blister+Card

20 pieces in one carton

Ø5.0mm



QD-906P

5 Pieces File Set clamshell pack
For QD-221
Blister+Card

20 pieces in one carton

Ø4.0mm





Blister+Card

QD-9209

9"-10T/14T:Reciprocating blade(slope)
For QD-501 / DRS-101 / DRS-102





QD-924P

24T Saw Blade Bi-Metal Material

10 pcs / box

Available with
QD-221 & QD-291





Blister+Card

QD-932P

32T Saw Blade Bi-Metal Material

10 pcs / box

Available with
QD-221 & QD-291

Blister+Card



QK-Series

Air Knife Blade

For QK-111 / QK-121 / QK-131 / PN-250 / PN-280

QK-111P51 QK-111P52 QK-111P53 QK-111P54 QK-111P50



QK-111P08 QK-2090 QK-2063 QK-2036





Blister

0QK-2030P - QK-111P08
0QK-1057P - QK-111P50
0QK-3018P - QK-111P51
0QK-3036P - QK-111P52
0QK-1008P - QK-111P54

SB-901

Auto Airchuck
One Touch Chuck Adaptor



SB-902

0-90° Angle Adjustable
One Touch Chuck Adaptor

Available with SB Series TYRE INFLATOR



SB-912

0-90° Angle Adjustable
One Touch Chuck Adaptor

Available with SB Series TYRE INFLATOR



SC-2A

Retainer



SC-2B

Quick Change Retainer

Available with
For SC-21 / SC-22 / SC-31 /
SC-34 SERIES



SC-415P CHISEL SET
SC-425P CHISEL SET

SC-415 - Chisel Set / 175mmL / Round
SC-425 - Chisel Set / 175mmL / Hex

Available with
SC-331C / SC-341C / SC-332C / SC-342C / SC-211C /
SC-221C / SC-212C / SC-222C



Flat Chisel
SC-4101 Round / SC-4201 Hex



Cutting Chisel
SC-4102 Round / SC-4202 Hex



Tapered Punch
SC-4103 Round / SC-4203 Hex



Ripping Chisel
SC-4104 Round / SC-4204 Hex



Tail Pipe Cutter
SC-4105 Round / SC-4205 Hex



Blister+Card

SC-0206R NEW

6-Piece Air Hammer Drifts Set,
Length=177mm



SC-9501R NEW

1/2"Dr.Air hammer socket
adaptor, round shank



SC-9502R NEW

Air impact chisel : radius
milled R9, round shank



SC-9503R NEW

Air impact chisel : head Dia
25mm even, round shank





SC-9301R Air hammer drift punch
5.2mm, punching bag

SC-9302R Air hammer drift punch
6.5mm, punching bag

SC-9303R Air hammer drift punch
6.9mm, punching bag

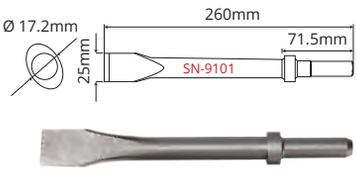
SC-9304R Air hammer drift punch
7.7mm, punching bag

SC-9305R Air hammer drift punch
9.3mm, punching bag

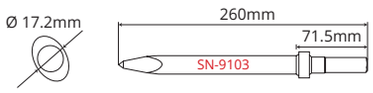
SC-9306R Air hammer drift punch
12.3mm, punching bag

ACCESSORIES

SN-9101
CHISEL FOR SN-31/SN-32 SERIES

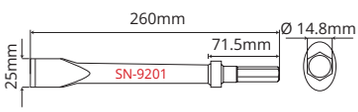


SN-9103
CHISEL FOR SN-31/SN-32 SERIES



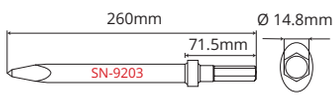


SN-9201
CHISEL FOR SN-31/SN-32 SERIES





SN-9203
CHISEL FOR SN-31/SN-32 SERIES





SG-101
Lubrication Kit



SO-10
Lubrication



SO-10T
Lubrication Kit



SW-12(1/4")

Mini Lubricator
Install on the air inlet to provide automatic lubrication8c.c. lubricating oil capacity



SW-13(3/8")

Mini Lubricator
Install on the air inlet to provide automatic lubrication8c.c. lubricating oil capacity





Box



Blister

SN-124

Needle Set

- SN-124
- (24 Needle Set) 3 x 180mm
- Available with SN-2124



SN-128

Needle Set

- SN-128
- (28 Needle Set) 3 x 180mm
- Available with SN-2128





BOX

SN-268

Needle Set

- SN-268
- (19 Needle Set) 3 x 180mm
- Available with SN-1268 / 2110 / 1368



SN-288

Needle Set

- SN-288
- (12 Needle Set) 3 x 125mm
- Available with SN-1288





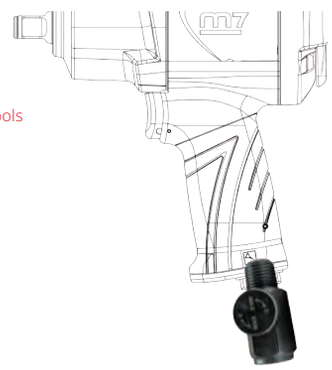
SZ-212A

AIR REGULATOR

FEATURES

- Used to adjust the air inlet flow of pneumatic tools
- Easy to mount

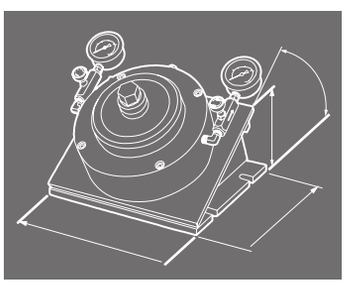




ZT-13-1 Forward
ZT-13-2 Reverse

TORQUE TEST MACHINE

Torque testing for maintaining pneumatic impact wrenches





- Applicable Range : 50 ft-lb～2000 ft-lb(70Nm～2700Nm)
- Max. Torque : 3500 ft-lb(5000Nm)
- Applicable Size : SQ.DR-1/2"～3/4"
- Measuring Direction : ZT-13-1Forward/ZT-13-2Reverse
- Screw Size : M32
- Length x Width : 35cm x 30cm
- Weight : 49KG

AIR ADAPTOR QUICK COUPLINGS

SY-2001M

360° Rotatable Adaptor

Air Inlet 1/4"



SY-2002M

Air Regulator & 360° Rotatable Adaptor

Air Inlet 1/4"



SY-2011M

360° Rotatable Adaptor

Air Inlet 1/4"

High cost-performance ratio.





Blister+Card

SY-M SY-F Air Adaptor / Quick Couplings

Item No.	Thread Type	Thread Size	Type	Picture
SY-211M SY-211F	Male Female	1/4" PT	Europe	 
SY-311M SY-311F	Male Female	3/8" PT		
SY-221M SY-321M	Male	1/4" PT 3/8" PT	Japan	 
SY-221F SY-321F	Female	1/4" PT 3/8" PT		
SY-231M SY-231F	Male Female	1/4" NPT	U.S.A	 
SY-331M SY-331F	Male Female	3/8" PT		
SY-251M SY-351M	Male	1/4" PT 3/8" PT	France	 
SY-251F SY-351F	Female	1/4" PT 3/8" PT		

Item No.	Thread Type	Thread Size	Type	Picture
SY-210M SY-210F	Male Female	1/4" PT	Europe	 Male  Female
SY-220M SY-320M	Male	1/4" PT 3/8" PT	Japan	 Male  Female
SY-220F SY-320F	Female	1/4" PT 3/8" PT		
SY-230M SY-230F	Male Female	1/4" NPT	U.S.A	 Male  Female

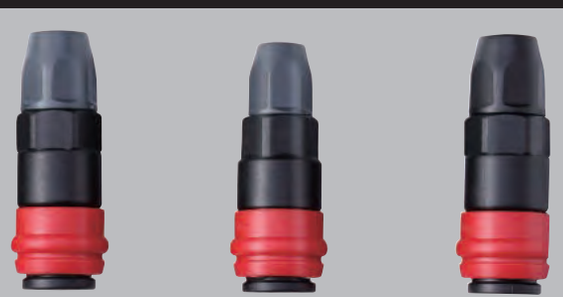


Blister+Card

Composite Quick Coupling

Item No.	Thread Type	Thread Size	Type	Picture
SY-0213M SY-0313M SY-0413M	Male	1/4" PT 3/8" PT 1/2" PT	Europe	
SY-0223M SY-0323M SY-0423M	Male	1/4" PT 3/8" PT 1/2" PT	Japan	
SY-0233M SY-0333M SY-0433M	Male	1/4" PT 3/8" PT 1/2" PT	U.S.A France	

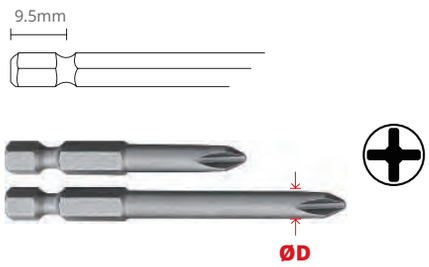
Item No.	Thread Type	Thread Size	Type	Picture
SY-1213F SY-1313F SY-1413F	Female	1/4" PT 3/8" PT 1/2" PT	Europe	
SY-1223F SY-1323F SY-1423F	Female	1/4" PT 3/8" PT 1/2" PT	Japan	
SY-1233F SY-1333F SY-1433F	Female	1/4" PT 3/8" PT 1/2" PT	U.S.A France	

Item No.	Thread Type	Thread Size	Type	Picture
SY-2213P SY-2313P SY-2413P	---	5x8 mm 6.5x10 mm 8x12 mm	Europe	
SY-2223P SY-2323P SY-2423P	---	5x8 mm 6.5x10 mm 8x12 mm	Japan	
SY-2233P SY-2333P SY-2433P	---	5x8 mm 6.5x10 mm 8x12 mm	U.S.A France	

Item No.	Thread Type	Thread Size	Type	Picture
SY-3113H SY-3213H SY-3313H SY-3413H	---	10SH 1/4" 20SH 5/16" 30SH 3/8" 40SH 1/2"	Europe	
SY-3123H SY-3223H SY-3323H SY-3423H	---	10SH 1/4" 20SH 5/16" 30SH 3/8" 40SH 1/2"	Japan	
SY-3133H SY-3233H SY-3333H SY-3433H	---	10SH 1/4" 20SH 5/16" 30SH 3/8" 40SH 1/2"	U.S.A France	

POWER BIT

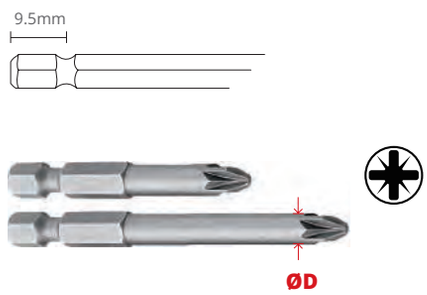
1/4” POWER BIT
(PHILLIPS HEAD)





“OVERALL LENGTH(mm)”	SIZE	ITEM NO.	ØD(mm)	MOQ
25	2	MD50125P2A	6	300 Set
	2	MD50125P2R	6	
50	0	MD10150P0A	3	
	1	MD10150P1A	4.5	
	2	MD10150P2A	6	
	3	MD10150P3A	6	
70	1	MD10170P1A	4.5	
	2	MD10170P2A	6	
	3	MD10170P3A	6	

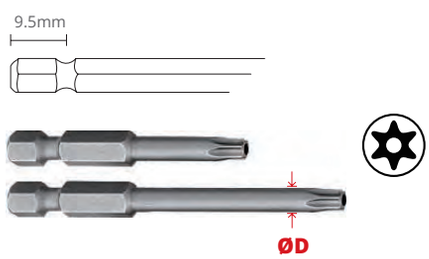
1/4” POWER BIT
(POZIDRIV HEAD)





“OVERALL LENGTH(mm)”	SIZE	ITEM NO.	ØD(mm)	MOQ
25	2	MD50125Z2A	6	300 Set
50	0	MD10150Z0A	3	
	1	MD10150Z1A	4.5	
	2	MD10150Z2A	6	
	3	MD10150Z3A	6	
70	1	MD10170Z1A	4.5	
	2	MD10170Z2A	6	
	3	MD10170Z3A	6	

1/4” POWER BIT
(STAR TAMPER HEAD)



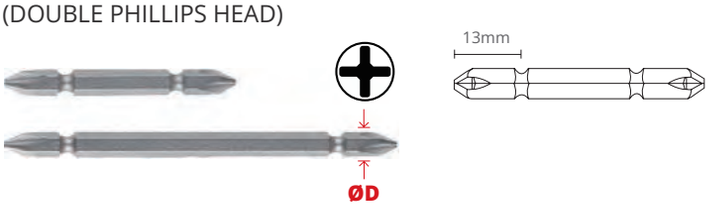


“OVERALL LENGTH(mm)”	SIZE	ITEM NO.	ØD(mm)	MOQ
90	10	MD10190TT10A	4	300 Set
	15	MD10190TT15A	4	
	20	MD10190TT20A	4.8	
	25	MD10190TT25A	4.8	
	30	MD10190TT30A	6	

“OVERALL LENGTH(mm)”	SIZE	ITEM NO.	ØD(mm)	MOQ
50	6	MD10150TT06A	3.2	300 Set
	7	MD10150TT07A	3.2	
	8	MD10150TT08A	3.2	
	9	MD10150TT09A	3.2	
	10	MD10150TT10A	4	
	15	MD10150TT15A	4	
	20	MD10150TT20A	4.8	
	25	MD10150TT25A	4.8	
	27	MD10150TT27A	6	
	30	MD10150TT30A	6	
	40	MD10150TT40F	6.3	
70	6	MD10170TT06A	3.2	
	7	MD10170TT07A	3.2	
	8	MD10170TT08A	3.2	
	9	MD10170TT09A	3.2	
	10	MD10170TT10A	4	
	15	MD10170TT15A	4	
	20	MD10170TT20A	4.8	
	25	MD10170TT25A	4.8	
	27	MD10170TT27A	6	
	30	MD10170TT30A	6	
	40	MD10170TT40F	6.3	
	45	MD10170TT45E	8	
	50	MD05170TT50E	9.1	

1/4" POWER BIT

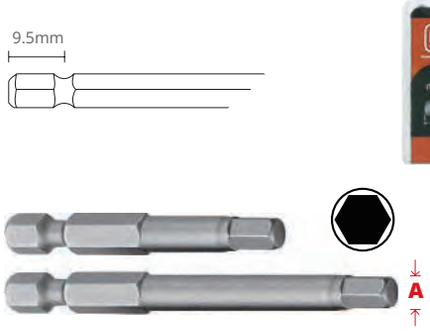
(DOUBLE PHILLIPS HEAD)



"OVERALL LENGTH(mm)"	SIZE	ITEM NO.	MOQ
65	1	MD10165P1P1A	300 Set
	2	MD10165P2P2A	
	3	MD10165P3P3A	
110	1	MD101110P1P1A	
	2	MD101110P2P2A	
	3	MD101110P3P3A	

1/4" POWER BIT

(HEX HEAD)



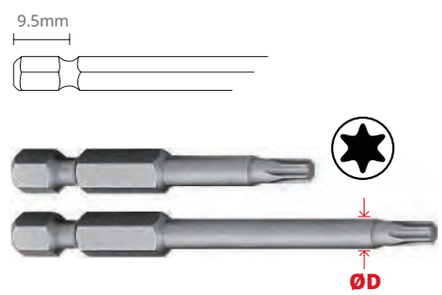


"OVERALL LENGTH(mm)"	A(mm)	ITEM NO.	MOQ
150	2.5	MD101150H025A	300 Set
	3	MD101150H030A	
	4	MD101150H040A	
	5	MD101150H050A	
	6	MD101150H060A	

"OVERALL LENGTH(mm)"	A(mm)	ITEM NO.	MOQ
50	1.5	MD10150H015A	300 Set
	2	MD10150H020A	
	2.5	MD10150H025A	
	3	MD10150H030A	
	4	MD10150H040A	
	5	MD10150H050A	
	6	MD10150H060F	
	7	MD10150H070E	
	8	MD10150H080E	
	10	MD10150H100E	
70	1.5	MD10170H015A	
	2	MD10170H020A	
	2.5	MD10170H025A	
	3	MD10170H030A	
	4	MD10170H040A	
	5	MD10170H050A	
	6	MD10170H060F	
	7	MD10170H070E	
	8	MD10170H080E	
	10	MD05170H100E	

1/4" POWER BIT

(STAR HEAD)





"OVERALL LENGTH(mm)"	SIZE	ITEM NO.	ØD(mm)	MOQ
25	20	MD10125T20A	4.8	300 Set

"OVERALL LENGTH(mm)"	SIZE	ITEM NO.	ØD(mm)	MOQ
50	6	MD10150T06A	3.2	300 Set
	7	MD10150T07A	3.2	
	8	MD10150T08A	3.2	
	9	MD10150T09A	3.2	
	10	MD10150T10A	4	
	15	MD10150T15A	4	
	20	MD10150T20A	4.8	
	25	MD10150T25A	4.8	
	27	MD10150T27A	6	
	30	MD10150T30A	6	
	40	MD10150T40F	7	
	45	MD10150T45E	8	
	50	MD05150T50E	9.1	
70	6	MD10170T06A	3.2	
	7	MD10170T07A	3.2	
	8	MD10170T08A	3.2	
	9	MD10170T09A	3.2	
	10	MD10170T10A	4	
	15	MD10170T15A	4	
	20	MD10170T20A	4.8	
	25	MD10170T25A	4.8	
	27	MD10170T27A	6	
	30	MD10170T30A	6	
	40	MD10170T40F	7	
	45	MD10170T45E	8	
	50	MD10170T50E	9.1	
	45	MD08170T45E	8	
	50	MD05170T50E	9.1	

MERCHANDISE

ZC-201R
T-SHIRT



SIZE	S	M	L	XL	2XL
	3XL	4XL	3L	4L	5L

ZC-201B
T-SHIRT



SIZE	S	M	L	XL	2XL
	3XL	4XL	3L	4L	5L

ZC-501
T-SHIRT



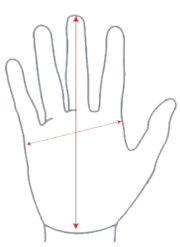
SIZE	S	M	L	XL	2XL
	3XL	4XL	3L	4L	5L

ZB-812
ANTI-VIBRATION GLOVE





- Palm length :
- Distance between middle finger to bottom of the palm
- Palm width :
- Distance between left side and right side of the palm
- CE EN388 2121X



Item Description	length(cm)	wide(cm)
M	21.3	10.5
L	22	11
XL	22.7	11.5
XXL	23.4	12

ZB-814
HALF FINGER BLADE CUT RESISTANCE GLOVE



ZC-202-1
BASEBALL CAP



ZB-9156
LED PEN LIGHT

- LED x 4pcs
- No. 4 battery x 3pcs included



YA-0303
QUICK ASSEMBLY TENT

- Size : 3.3m
- Area : 9m²
- Weight : 22.5kg
- Top high : 3.5m



ZB-307
PEN



ZB-306
PEN(STYLUS)

- Pen with touch function



SE-1001
LED SLIM LIGHT



ZC-111
TOOL BAG
- 37 x 24 x 23cm



ZC-112
TOOL BAG(RUBBER BASE)
- 40 x 22 x 30cm



ZC-108
BAG



ZF-02
WING PROTECTOR COVER



ZF-01
WING PROTECTOR COVER



ZE-03
KNEELING PAD



ZC-301
STICKERS
- 100 x 112mm



ZB-211
MUG



ZM-101
27" AUTOMATIC UMBRELLA



ZC-302
STICKERS
- 200 x 110mm



ZC-303
STICKERS
- 199 x 106mm



ZC-304
STICKERS
- 288 x 156mm



User's Manual of Air Impact Wrench

Working environment:

- Using these tools in any potentially explosive environment is strictly prohibited.
- It is always recommended that these types of tools must be operated when standing on a solid or firm location.
- Always use these tools in a well ventilated area.
- Slipping, stumbling and falling are the major causes of potential serious injury, therefore, a clean and clutter free surface in the working area before operating the tools is strongly recommended.

Air supply and connection requirements:

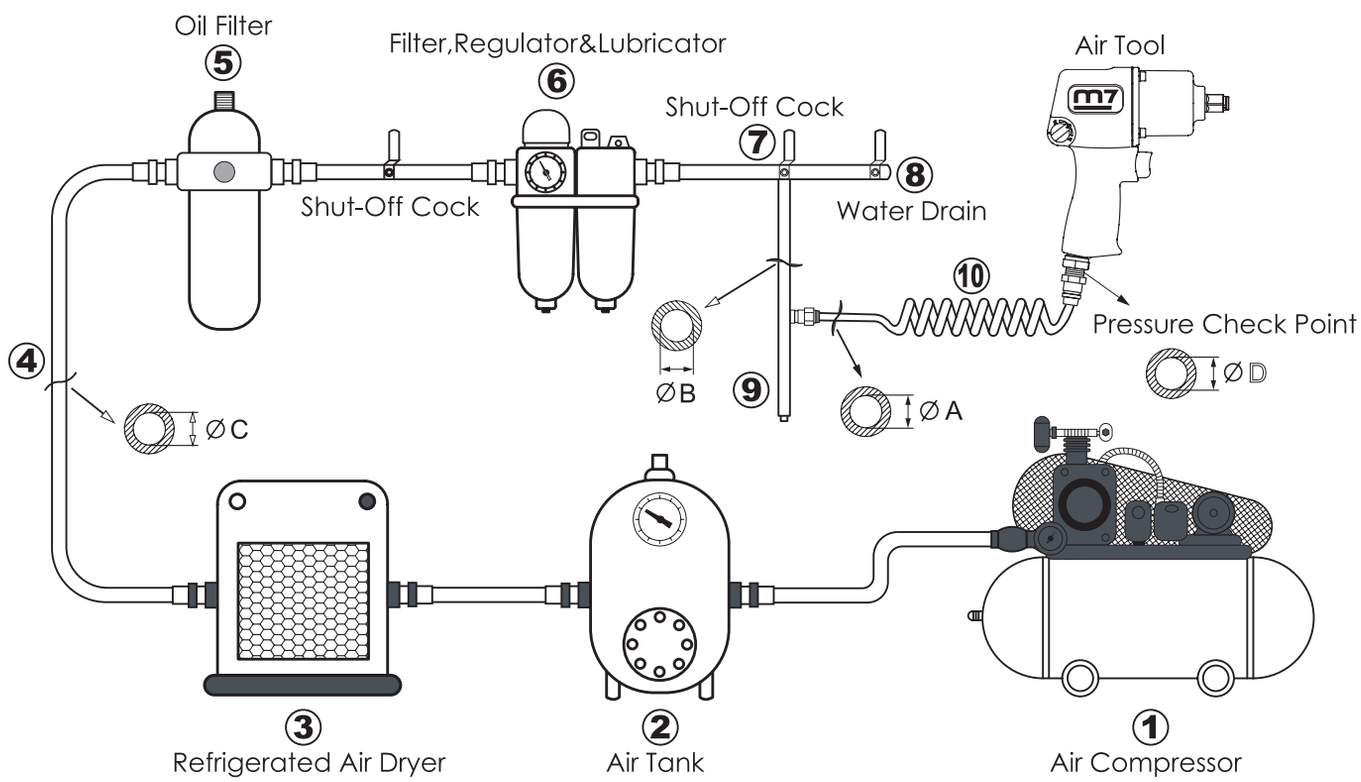
- The maximum recommended air pressure during operation must not exceed 90 psi (6.3bar). Higher air pressure may create unsafe operating conditions for the tool and the user.
- The compressed air should be cooled and have a water filter installed at the outlet end of the compressor. Even with a water filter installed, some water may still condense in the piping or hose and will enter the tool mechanism causing premature damage to the tool. Therefore, it is recommended to install an air filter-lubricator device somewhere between the tool and the compressor.
- Always use an air compressor of the proper capacity to operate each tool.
- Clean the hose with a blast of compressed air before connecting the hose to the air tool. This will prevent both moisture and dust inside the hose from entering the tool and causing possible rust or malfunction.

Air Tool Repair Kits



M7 provides specialized repairing tools for your after market need

Ideal system connection



Piping diameters and length requirement:

- The diameter ΦA required for the inlet pipe ⑩ is recommended on the specification table.
- The diameter ΦB required for the branch pipe (from ⑦ to ⑨) should be 2 times as large as ΦA. ΦB = 2 x ΦA
- The diameter ΦC required for the primary air supply (from ① to ⑧) should be 3 times as large as ΦA. ΦC = 3 x ΦA
- The length for the inlet pipe ⑩ should be less than 15 feet (4.5m).

Impact Wrench

Problem (phenomenon)	Possible Cause	Recommended solution
1. The tool runs automatically or tool will not shut off. 2. Torque decreases slightly. 3. Sound of air leaking.	1. Dust jam.	1. Clean and remove the dust from the air inlet. 2. Clean the throttle valve. 3. Apply a few drops of recommended pneumatic oil into the air inlet. 4. Pull the trigger and run for several seconds to get rid of the dust.
1. Severe torque loss, but will still run at full free speed, 2. Tool will not run.	1. The rotor blades may be damaged, 2. The screws may be loose. 3. The reverse button (knob) may be out off position. 4. Some component(s) in motor housing or hammer housing may be worn off.	1. Check and replace new ones, if necessary. 2. Tighten all loose screws. 3. Adjust the button. 4. Check and replace them, if necessary.
1. Air leaks from hammer housing or rear cover.	1. The screws may be loose. 2. The gasket seal may be broken.	1. Tighten all loose screws. 2. Replace it.
Note: The consumable parts are the rotor blades, anvil and hammer.		

Ratchet Wrench

Problem (phenomenon)	Possible Cause	Recommended solution
1. The tool runs automatically or tool will not shut off. 2. Torque decreases slightly. 3. Sound of air leaking.	1. Dust jam.	1. Clean and remove the dust from the air inlet. 2. Clean the throttle valve. 3. Apply a few drops of recommended pneumatic oil into the air inlet. 4. Pull the trigger and run for several seconds to get rid of the dust.
1. Severe torque loss, but will still run at full free speed, 2. Tool will not run.	1. The rotor blades may be damaged, 2. The screws may be loose. 3. The reverse button (knob) may be out off position. 4. Some component(s) in motor housing or hammer housing may be worn off.	1. Check and replace new ones, if necessary. 2. Tighten all loose screws. 3. Adjust the button. 4. Check and replace them, if necessary.
Note: The consumable parts are the rotor blades, gears and ratchet anvil.		

Die Grinder

Problem (phenomenon)	Possible Cause	Recommended solution
1. The tool runs automatically or tool will not shut off. 2. Torque decreases slightly. 3. Sound of air leaking.	1. Dust jam. 2. Trigger may be damaged!	1. Clean to remove the dust from the air inlet. 2. Clean the throttle valve. 3. Apply a few drops of recommended pneumatic oil into the air inlet. 4. Push trigger and run for several seconds to get rid of the dust. 5. Inspect the trigger, correct or replace the related component when necessary.
1. Severe torque loss, but will still run at full free speed, 2. Tool will not run.	1. The rotor blades may be damaged, 2. The screws may be loose. 3. The Air Regulator may not be in correct position. 4. The Collet Nut may be loose.	1. Check and replace with new ones, if necessary. 2. Tighten all loose screws. 3. Check and correct. 4. Check and tighten.
Note: The consumable parts are the rotor blades, bearings and collet.		

Air Cutting Off Tool

Problem (phenomenon)	Possible Cause	Recommended solution
1. The tool runs automatically or tool will not shut off. 2. Torque decreases slightly. 3. Sound of air leaking.	1. Dust jam. 2. Trigger may be damaged!	1. Clean and remove the dust from the air inlet. 2. Clean the throttle valve. 3. Apply a few drops of recommended pneumatic oil into the air inlet. 4. Push trigger and run for several seconds to get rid of the dust. 5. Inspect the trigger, correct or replace the related component when necessary.
1. Severe torque loss, but will still run at full free speed, 2. Tool will not run.	1. The rotor blades may be damaged, 2. The screws may be loose. 3. The Air Regulator may not be in correct position.	1. Check and replace with new ones, if necessary. 2. Tighten all loose screws. 3. Check and correct.
Note: The consumable parts are the rotor blades and bearings.		

Air angle Grinder

Problem (phenomenon)	Possible Cause	Recommended solution
1. The tool runs automatically or tool will not shut off. 2. Torque decreases slightly. 3. Sound of air leaking.	1. Dust jam. 2. Trigger may be damaged!	1. Clean and remove the dust from the air inlet. 2. Clean the throttle valve. 3. Apply a few drops of recommended pneumatic oil into the air inlet. 4. Push trigger and run for several seconds to get rid of the dust. 5. Inspect the trigger, correct or replace the related component when necessary.
1. Severe torque loss, but will still run at full free speed. 2. Tool will not run.	1. The rotor blades may be damaged, 2. The screws may be loose. 3. The bevel gears may not have enough grease. 4. The bevel gears may be worn off.	1. Check and replace new ones, if necessary. 2. Tighten all loose screws. 3. Apply some multiple-purpose grease. 4. Replace them.
Note: The consumable parts are the rotor blades and bearings.		

Belt Sander

Problem (phenomenon)	Possible Cause	Recommended solution
1. The tool runs automatically or tool will not shut off. 2. Torque decreases slightly. 3. Sound of air leaking.	1. Dust jam.	1. Clean and remove the dust from the air inlet. 2. Clean the throttle valve. 3. Apply a few drops of recommended pneumatic oil into the air inlet. 4. Pull the trigger and run for several seconds to get rid of the dust.
1. Severe torque loss, but will still run at full free speed. 2. Tool will not run.	1. The rotor blades may be damaged. 2. The screws may be loose. 3. The belt may not be seated correctly. 4. The bearings may be damaged.	1. Check and replace with new ones, if necessary. 2. Tighten all loose screws. 3. Adjust it. 4. Replace them.
Note: The consumable parts are the rotor blades and bearings.		

Air Sander

Problem (phenomenon)	Possible Cause	Recommended solution
1. The tool runs automatically or tool will not shut off. 2. Torque decreases slightly. 3. Sound of air leaking.	1. Dust jam. 2. Trigger may be damaged!	1. Clean and remove the dust from the air inlet. 2. Clean the throttle valve. 3. Apply a few drops of recommended pneumatic oil into the air inlet. 4. Pull the trigger and run for several seconds to get rid of the dust.
1. Severe torque loss, but will still run at full free speed. 2. Tool will not run.	1. The rotor blades may be damaged, 2. The pad may not be correct. 3. The screws may be loose.	1. Check and replace with new ones, if necessary. 2. Check and replace with the correct one. 3. Tighten all loose screws.
Note: The consumable parts are the rotor blades and bearings.		

Air Shear

Problem (phenomenon)	Possible Cause	Recommended solution
1. The tool runs automatically or tool will not shut off. 2. Torque decreases slightly. 3. Sound of air leaking.	1. Dust jam.	1. Clean and remove the dust from the air inlet. 2. Clean the throttle valve. 3. Apply a few drops of recommended pneumatic oil into the air inlet. 4. Pull the trigger and run for several seconds to get rid of the dust.
1. Severe torque loss, but will still run at full free speed, 2. Tool will not run.	1. The rotor blades may be damaged, 2. The cutting blades may not be sharp enough. 3. The cutting blades may not be in the correct position. 4. The lock screws for cutting blades may be loose.	1. Check and replace with new ones, if necessary. 2. Check and replace with new ones, if necessary. 3. Check and adjust them. 4. Check and tighten.
Note: The consumable parts are the rotor blades and bearings.		

Air Saw

Problem (phenomenon)	Possible Cause	Recommended solution
1. The tool runs automatically or tool will not shut off. 2. Torque decreases slightly. 3. Sound of air leaking.	1. Dust jam. 2. Trigger may be damaged!	1. Clean and remove the dust from the air inlet. 2. Clean the throttle valve. 3. Apply a few drops of recommended pneumatic oil into the air inlet. 4. Pull the trigger and run for several seconds to get rid of the dust.
1. Severe torque loss, but will still run at full free speed. 2. Tool will not run.	1. The rotor blades may be damaged.	1. Check and replace with new ones, if necessary.
1. Severe decrease in reciprocating speed.	1. The drive motor may be dirty.	1. Cleaning required.
Note: The consumable parts are the rotor blades and bearings.		

Problem (phenomenon)	Possible Cause	Recommended solution
Air Drill 1. The tool runs automatically or tool will not shut off. 2. Torque decreases slightly. 3. Sound of air leaking.	1. Dust jam.	1. Clean and remove the dust from the air inlet. 2. Clean the throttle valve. 3. Apply a few drops of recommended pneumatic oil into the air inlet. 4. Pull the trigger and run for several seconds to get rid of the dust.
1. Severe torque loss, but will still run at full free speed. 2. Tool will not run.	1. The rotor blades may be damaged, 2. The keyless chuck may be damaged.	1. Check both possibilities and replace with new ones, if necessary.
Note: The consumable parts are the rotor blades and bearings.		
Air Screwdriver 1. The tool runs automatically or tool will not shut off. 2. Torque decreases slightly. 3. Sound of air leaking.	1. Dust jam.	1. Clean and remove the dust from the air inlet. 2. Clean the throttle valve. 3. Apply a few drops of recommended pneumatic oil into the air inlet. 4. Pull the trigger and run for several seconds to get rid of the dust.
1. Severe torque loss, but will still run at full free speed, 2. Tool will not run.	1. The rotor blades may be damaged, 2. The screws may be loose. 3. The Reverse Knob may be damaged or not in the right position. 4. The impact mechanism may be damaged.	1. Check both possibilities and replace with new ones, if necessary. 2. Tighten all the loose screws. 3. Check and adjust, or replace with a new one if necessary. 4. Check and replace with a new set, if necessary.
Note: The consumable parts are the rotor blades and bearings.		
Air Hammer 1. The tool runs automatically or tool will not shut off. 2. Torque decreases slightly. 3. Sound of air leaking.	1. Dust jam.	1. Clean and remove the dust from the air inlet. 2. Clean the throttle valve. 3. Apply a few drops of recommended pneumatic oil into the air inlet. 4. Pull the trigger and run for several seconds to get rid of the dust.
1. The tool doesn't work	1. The piston may be jammed or damaged. 2. The size of chisel may not be correct.	1. Check and replace the related component when necessary. 2. Check and replace with the correct one.
Note: The consumable parts are the throttle valve and piston.		
Hydraulic Riveter 1. The tool runs automatically or tool will not shut off. 2. Power decreases slightly. 3. Sound of air leaking.	1. Dust jam.	1. Clean and remove the dust from the air inlet. 2. Clean the throttle valve. 3. Apply a few drops of recommended pneumatic oil into the air inlet. 4. Pull the trigger and run for several seconds to get rid of the dust.
1. The tool doesn't work	1. The size of rivet may not be suitable. 2. The size of rivet nose may not be correct.	1. Check and use the correct ones. 2. Check and replace with the correct one!
Note: The consumable parts are the rivet nose, jaw housing, front housing and spring.		

Note:

For more details about the above recommended solutions, please refer to the use'r Manual attached along with each product.

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