

2024
2025



Universal Products
Global Partnerships
Localized Support

Tools that matter for your work

Cordless | Pneumatic Solutions

CONSTRUCTION | CARPENTRY | AUTO MAINTENANCE | METAL 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.



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 tools 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

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NEW PRODUCT



DRH-101 *BRUSHLESS*
CORDLESS ROTARY HAMMER



DRH-101A *BRUSHLESS*
CORDLESS ROTARY HAMMER



Item No.	Chuck Type	Impact Energy	Free Speed	Blows Per Minute	Max. Drilling Capacity			Net Weight	
		J	R.P.M	B.P.M	mm			LBS	kg
				bpm	Wood	steel	Concrete		
DRH-101	SDS Plus	2.6	1150	5100	30	13	26	6.17	2.8

DOM-101 *BRUSHLESS*
CORDLESS OSCILLATING MULTIT-TOOL



DOM-101A *BRUSHLESS*
CORDLESS OSCILLATING MULTIT-TOOL



Item No.	Minimum Oscillations	Maximum Oscillations	Oscillation Angle	Tool Length	Net Weight	
	per minute	per minute	B.P.M	mm	LBS	kg
						
DOM-101	11000	18000	1.8°	320	2.29	1.04

DR-102 *BRUSHLESS* CORDLESS RIVET GUN



DR-102A *BRUSHLESS* CORDLESS RIVET GUN



Item No.	Traction Power	Stroke Length	Capacity	Battery	Rating Voltage	Completely Charged	Tool Length	Weight
	lb-f / kg-f	mm	mm	Li-ion Ah	V	V	mm	kg
DR-102	4496 / 2040	27	2.4-6.4	5.0	18	20	320	1.63

DGG-102 CORDLESS GREASE GUN



DGG-102A CORDLESS GREASE GUN



Item No.	Working Pressure	Grease Output	Capacity	Battery	Rating voltage	Completely charged	Net Weight	
	PSI	ml	g	Li-ion Ah	V	V	LBS	kg
DGG-102	7000	94.6	400	5.0	18	20	5.3	2.4

DHG-101 CORDLESS HEAT GUN



Item No.	Max Temperature	Airflow	Battery	Rating voltage	Completely charged	Net Weight	
		L/min	Li-ion Ah	V	V	LBS	kg
DHG-101	550 °c	200	5.0	18	20	1.38	0.63

NEW PRODUCT

NEW PRODUCT

DW-404 *BRUSHLESS* CORDLESS IMPACT WRENCH



DW-404A/DW-404K *BRUSHLESS* CORDLESS IMPACT WRENCH



DW-404A

DW-404K



Item No.	Square Drive	Bolt Capacity	Max Torque		No Load Speed		Impact Rate	Rating Voltage	Completely Charged	Net Weight
	Inch (mm)		FT-LB	Nm	R.P.M		ipm	V	V	kg
DW-404	1/2"(12.7)	M6-M16	660	900	0-900/0-1400/0-1800/0-2200		0-1150/0-1700/0-2300/0-2500	18	20	1.16

DW-406 *BRUSHLESS* CORDLESS IMPACT WRENCH



DW-406A *BRUSHLESS* CORDLESS IMPACT WRENCH



Item No.	Square Drive	Bolt Capacity	Max Torque		No Load Speed		Impact Rate	Rating Voltage	Completely Charged	Net Weight
	Inch (mm)		FT-LB	Nm	R.P.M		ipm	V	V	kg
DW-406	1/2"(12.7)	M10-M25	1200	1600	0-1400/0-1900/0-2400		0-1800/0-2200/0-2800	18	20	2.0

DPW-101

CORDLESS PRESSURE WASHER GUN



Item No.	Flow Rate	Hose Length	Maximum Pressure	Tool Length	Rating voltage	Completely charged	Net Weight
	L/min	m	PSI(bar)	mm	V	V	kg
DPW-101	2.8	4	360(25)	876	18	20	1.72

NC-4670Q

1/2" DRIVE AIR IMPACT WRENCH Jumbo hammer type



SIDE TO SIDE
1.1 KG
650 FT-LB



Item No.	Square Drive	Bolt Capacity	Torque Range		Max Torque		Free 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-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"		

NE-2900/NE-3900

1/4" & 3/8" DRIVE



FEATURES

- 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.

Item No.	Square Drive	Torque Range	Max Torque		Free 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/s ²	Inch
														
NE-2900	1/4"	5-35(7.0-47.0)	40	54.0	1000	3.4(96)	90(6.3)	6-1/4"(160)	1.43	0.65	3/8"	80.0	2.3	1/4"
NE-3900	3/8"	5-35(7.0-47.0)	40	54.0	1000	3.4(96)	90(6.3)	6-1/4"(160)	1.43	0.65	3/8"	80.0	2.3	1/4"

NEW PRODUCT



GTA-930/GTA-940/GTA-941

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

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



Item No.	Drive	Torque Range		Indicator	Torque Adjusting	D	H	L	Weight
	Inch	Nm	FT-LB	LCD		mm	mm	mm	kg
GTA-930	3/8"	6.8-135	5.0-99.6	LCD	Digital	32	31.8	361	0.77
GTA-940	1/2"	10-200	7.4-147.5	LCD	Digital	32	31.8	361	0.77
GTA-941	1/2"	17-340	12.5-250.8	LCD	Digital	32	31.8	361	0.77

MB47010M HEX BALL BIT SOCKET SET

10pcs 1/2" Drive

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



MB61008M IMPACT SOCKET SET

8pcs 3/4" Drive

- Contents : M21, M22, M23, M24, M27, M30, M32, M36, M41



MB61016M STD IMPACT SOCKET SET

16pcs 3/4" Drive

- Contents : M19, M21, M22, M24, M27, M28, M29, M30, M32, M33, M35, M36, M38, M41, M46, M50



MB63008S IMPACT SOCKET SET

8pcs 3/4" Drive Inch Size

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



MB63008M DEEP IMPACT SOCKET SET

8pcs 3/4" Drive

- Contents : M21, M22, M24, M27, M30, M32, M36, M41



MB67006M IMPACT HEX BALL BIT SOCKET SET

6pcs 3/4" Drive

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



MB81009M STD SOCKET SET

9pcs 1" Drive

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



MB85008M DEEP SOCKET SET

8pcs 1" Drive

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



QA-688

AIR DIE GRINDER FLEX-HEAD



Exhaust



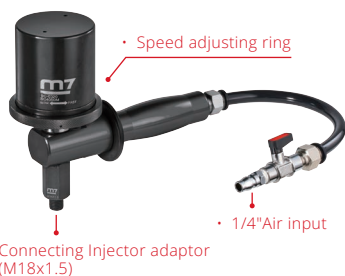
FEATURES

- 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	Free 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/s ²	Inch
QA-688	6 & 3	1/4" & 1/8"	20000	10(283)	90(6.3)	7"(178)	0.3	1.4	0.65	3/8"	80.0	1.1	1/4"

SC-0320

AIR VIBRATION INJECTOR PULLER



- Connecting Injector adaptor (M18x1.5)

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"

SE-1001

LED SLIM LIGHT



FEATURES

- Magnet on back and bottom.
- Type-C charging port.

Item No.	Size	Max output (Boost mode)	Beam distance	Run time	Short press	battery	Weight
	mm	lm	m			v (mAh)	kg
SE-1001	60 x 27.5 x 15	5 / 50 / 150 / 400	8 / 20 / 30 / 55	8 hrs / 2 hrs / 0.5 hr / 30 seconds	Low / Mid / High / OFF	3.7 (300)	0.34

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

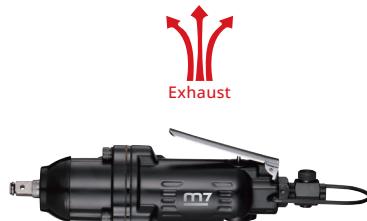


NC-3812

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-3910

3/8" DRIVE Twin dog type



10 pieces in one carton



Item No.	Square Drive	Bolt Capacity	Torque Range		Max Torque		Free 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-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	0.80	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	1.50	3/8"	85.0	2.8	1/4"
NC-3810	3/8"	3/8"(10)	5-50(7-67)		75	101	11000	2.3(6.5)	90(6.3)	5-15/32"(139)	1.1	0.50	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	1.06	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	1.34	3/8"	93.0	4.9	1/4"
NC-3910	3/8"	5-16"(8)	5-37(7-50)		66	89	8500	8.5(240)	90(6.3)	10-7/16"(265)	3.5	1.60	3/8"	90.0	5.1	1/4"

NC-3911

3/8" DRIVE Twin dog type



10 pieces in one carton



NC-398

3/8" DRIVE Jumbo hammer type



12 pieces in one carton



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



NC-4130

1/2" DRIVE Pin clutch type



10 pieces in one carton



NC-4210/NC-4210N

1/2" DRIVE Twin hammer type



10 pieces in one carton



NC-4210N

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

NC-4213/NC-4223

1/2" DRIVE Twin hammer type



10 pieces in one carton

4 pieces in one carton



NC-4223

• NC-4223 is equipped with
2" extended anvil

NC-4217

1/2" DRIVE Twin hammer type



8 pieces in one carton



NC-4230/NC-4230Q/NC-4240

1/2" DRIVE Twin hammer type



8 pieces in one carton



NC-4240

• NC-4240 is equipped with
2" extended anvil



Item No.	Square Drive	Bolt Capacity	Torque Range		Max Torque		Free 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-3911	3/8"	3/8"(10)	5-44(7-60)	96	130	7000	7.0(198)	90(6.3)	9-7/16"(240)	3.5	1.60	3/8"	92.0	5.1	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	1.37	3/8"	85.0	2.0	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	1.95	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)	3.55	1.61	3/8"	93.0	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	1.60	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	1.60	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	2.80	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	2.90	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	2.50	3/8"	92.1	3.7	1/4"		
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	2.50	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	2.50	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	2.60	3/8"	87.0	4.5	1/4"		

AIR IMPACT WRENCH

NC-4232Q

1/2" DRIVE Twin hammer type



10 pieces in one carton



NC-4233Q/NC-4233QH

1/2" DRIVE Twin hammer type



8 pieces in one carton

NC-4233QH

- EZ GREASE ANVIL
- For EZ grease version only



Patent grease hole



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/NC-4236Q

1/2" DRIVE Twin hammer type



8 pieces in one carton



NC-4256/NC-4256Q/NC-4256Q-2

1/2" DRIVE Twin hammer type



10 pieces in one carton



NC-4256Q-2

NC-4255Q/NC-4265Q

1/2" DRIVE Twin hammer type



8 pieces in one carton

Patent grease hole
For EZ grease version only



NC-4265Q

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

NC-4255QP

With protective cover inside

8 pieces in one carton



NC-4255QH

EZ grease anvil



NC-4255PVC

Protective cover



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

Item No.	Square Drive	Bolt Capacity	Torque Range	Max Torque		Free 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-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	1.38	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	2.10	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	2.10	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	2.10	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	2.60	3/8"	87.0	4.5	1/4"
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	2.60	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	1.80	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	1.80	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	1.90	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	1.70	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	1.80	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	1.70	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)	3.85	1.75	3/8"	85.0	4.7	1/4"

NC-4258

1/2" DRIVE Twin hammer type



8 pieces in one carton



NC-4277Q

1/2" DRIVE Twin hammer type



10 pieces in one carton



NC-4299Q

1/2" DRIVE Twin hammer type



10 pieces in one carton



NC-4600

1/2" DRIVE Jumbo hammer type



10 pieces in one carton



NC-4610/NC-4610Q/NC-4610N

1/2" DRIVE Jumbo hammer type



10 pieces in one carton



NC-4610N

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

NC-4630/NC-4630Q

1/2" DRIVE Jumbo hammer type



10 pieces in one carton



NC-4650 NC-4650H

1/2" DRIVE Jumbo hammer type



10 pieces in one carton

Patent grease hole
For EZ grease version only



NC-4811

1/2" DRIVE Twin dog type



10 pieces in one carton



NC-498

1/2" DRIVE Jumbo hammer type



12 pieces in one carton



Item No.	Square Drive	Bolt Capacity	Torque Range	Max Torque		Free 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	2.50	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	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)	2.97	1.35	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	1.60	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	1.60	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	1.60	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	1.50	3/8"	96.0	2.8	1/4"
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	1.50	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	1.40	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	1.40	3/8"	95.0	2.4	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	1.70	3/8"	85.0	5.3	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	1.37	3/8"	85.0	2.0	1/4"

AIR IMPACT WRENCH

NC-6113/NC-6123

3/4" DRIVE Pin clutch type



4 pieces in one carton



NC-6123

NC-6215/NC-6225

3/4" DRIVE Twin hammer type



4 pieces in one carton

- NC-6225 is equipped with 6" extended anvil



NC-6225

NC-6217

3/4" DRIVE Twin hammer type



4 pieces in one carton



NC-6218/NC-6218-6

3/4" DRIVE Twin hammer type



2 pieces in one carton

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



NC-6201

3/4" DRIVE Twin hammer type



6 pieces in one carton



NC-6216/NC-6226

3/4" DRIVE New twin hammer type



4 pieces in one carton

- NC-6226 is equipped with 6" extended anvil
- Composite material



NC-6226



NC-6216PVC

- Protective cover

NC-6233Q

3/4" DRIVE Twin hammer type



6 pieces in one carton



Item No.	Square Drive	Bolt Capacity	Torque Range	Max Torque		Free 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-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	5.30	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)	8.14	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)	5.61	2.55	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	4.50	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	4.90	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	13.42	1/2"	106.0	3.3	3/8"
NC-6233Q	3/4"	15/16"(24)	150-1000(204-1360)	1300	1768	8500	4.6(130)	90(6.3)	7-3/4"(199)	5.06	2.3	3/8"	85.0	4.8	1/4"

NC-6236 NC-6236Q

3/4" DRIVE Twin hammer type



8 pieces in one carton



NC-6255Q/NC-6255QH

3/4" DRIVE Twin hammer type



8 pieces in one carton

NC-6255QH

Patent grease hole
For EZ grease version only



NC-6256Q

3/4" DRIVE Twin hammer type



6 pieces in one carton



1627 N.m
SUPER MINI

NC-6266/NC-6266-6

3/4" DRIVE Twin hammer type



4 pieces in one carton

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



NC-6266-6

NC-6266H

3/4" DRIVE Twin hammer type



6 pieces in one carton

Patent grease hole
For EZ grease version only



NC-8211/NC-8221

1" DRIVE Twin hammer type



1 pieces in one carton

• NC-8221 is equipped with 6" extended anvil



NC-8221

NC-8212

1" DRIVE Twin hammer type



4 pieces in one carton



NC-8216 NC-8226 NC-8226Q

1" DRIVE Twin hammer type



2 pieces in one carton

• NC-8226 is equipped with 6" extended anvil



NC-8226

Item No.	Square Drive	Bolt Capacity	Torque Range	Max Torque		Free 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-6236	3/4"	1"(25)	200-900(271-1220)	1200	1627	7500	5.5(155)	90(6.3)	6-45/64"(171)	5.9	2.68	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	2.68	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(203-1220)	1200	1627	7000	5.1(144)	90(6.3)	5-11/16"(145)	4.18	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	2.95	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	3.60	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	1/2"	88.0	5.9	3/8"
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-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-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	4.40	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-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"

AIR IMPACT WRENCH

NC-8217

1" DRIVE Twin hammer type



4 pieces in one carton

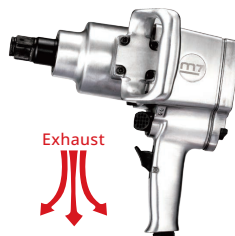


NC-8219

1" DRIVE New twin hammer type



2 pieces in one carton

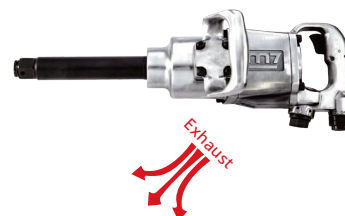


NC-8232

1" DRIVE New twin hammer type



1 pieces in one carton



NC-8237 NC-8237-6

1" DRIVE Twin hammer type



4 pieces in one carton

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



NC-8242 NC-8242-8

1" DRIVE Twin hammer type



2 pieces in one carton

1 pieces in one carton

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



NC-8252 NC-8262

1" DRIVE Twin hammer type



1 pieces in one carton

- NC-8262 is equipped with 6" extended anvil



NC-8260 NC-8260-6

1" DRIVE Twin hammer type



6 pieces in one carton

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



NC-8266P NC-8266P-6

1" DRIVE Twin hammer type



2 pieces in one carton

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



NC-8266S NC-8266S-6 NC-8266S-8

1" DRIVE Twin hammer type



2 pieces in one carton

- NC-8266S-6 is equipped with 6" extended anvil
- NC-8266S-8 is equipped with 8" extended anvil



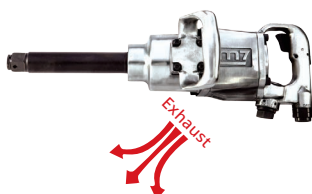
NC-8311 NC-8351

1" DRIVE Pin less type



2 pieces in one carton

- NC-8351 is equipped with 6" extended anvil



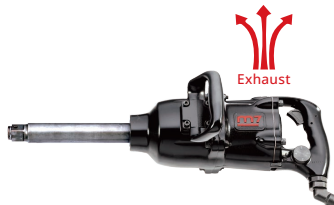
NC-8322 NC-8342

1" DRIVE Pin less type



1 pieces in one carton

- NC-8342 is equipped with 8" extended anvil



NC-8331 NC-8331-6

1" DRIVE Pin less type



2 pieces in one carton

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



NC-8332X NC-8332X-6

1" DRIVE Pin less type



2 pieces in one carton

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



NC-8343 NC-8343-8

1" DRIVE Pin less type



1 pieces in one carton

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



NC-8362 NC-8372

1" DRIVE Pin less type



1 pieces in one carton

- NC-8372 is equipped with 6" extended anvil



NC-8382/NC-8382-8

1" DRIVE Pin less type



2 pieces in one carton

1 pieces in one carton

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



NC-9223/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		Free 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-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	5.00	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	9.84	1/2"	103.4	16.7	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	5.70	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	6.50	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-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)	6.82	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)	9.02	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)	12.98	5.90	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)	13.86	6.30	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)	15.84	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)	16.28	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	12.5	1/2"	101	7.3	1/2"
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)	16.50	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)	18.48	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	12.56	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-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-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-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-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-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-4255QH-KIT

1/2" DRIVE

5 pieces in one carton

Contents 11 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



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-310)
- 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
- 1pc - 1/4" plug



NEW PRODUCT

NC-4670Q

1/2" DRIVE Jumbo hammer type



8 pieces in one carton



SIDE TO SIDE
1.1 KG
650 FT-LB



Item No.	Square Drive	Bolt Capacity	Torque Range		Max Torque		Free 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-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"

AIR RATCHET WRENCH

NE-251/NE-351/NE-451

1/4" & 3/8" & 1/2" DRIVE



20 pieces in one carton



NE-251R/NE-351R/NE-451R

1/4" & 3/8" & 1/2" DRIVE



20 pieces in one carton



Robber handle

NE-261/NE-361

1/4" & 3/8" DRIVE



20 pieces in one carton



NE-2803/NE-3803

1/4" & 3/8" DRIVE



20 pieces in one carton



NE-2905

1/4" DRIVE



20 pieces in one carton



NE-321/NE-421

3/8" & 1/2" DRIVE



10 pieces in one carton



NE-3305/NE-4305

3/8" & 1/2" DRIVE



10 pieces in one carton



NE-3310/NE-4310

3/8" & 1/2" DRIVE



6 pieces in one carton



NE-332/NE-432

3/8" & 1/2" DRIVE



10 pieces in one carton



NE-332T/NE-432T

3/8" & 1/2" DRIVE



10 pieces in one carton

• Two step trigger



NE-343/NE-443

3/8" & 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/NE-4808

3/8" & 1/2" DRIVE



10 pieces in one carton



NE-383/NE-483

3/8" & 1/2" DRIVE



10 pieces in one carton

• Two step trigger



Stylized grip

NE-3901/NE-4901

3/8" & 1/2" DRIVE



20 pieces in one carton



Item No.	Square Drive	Torque Range	Max Torque		Free 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/s ²	Inch
														
NE-251	1/4"	5-15(6.7-20)	22	30	350	3.0(84.96)	90(6.3)	5"(125)	1.1	0.50	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	0.50	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	0.50	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	0.50	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	0.50	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	0.50	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	0.50	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	0.50	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)	1.39	0.63	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)	1.39	0.63	3/8"	92.0	3.2	1/4"
NE-2905	1/4"	5-15(7-20)	22	30	300	3.0(85)	90(6.3)	11-1/2"(290)	1.85	0.84	3/8"	89.0	4.4	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	1.04	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	1.04	3/8"	92.8	4.6	1/4"
NE-3305	3/8"	15-55(20-75)	70	95	160	5(142)	90(6.3)	15-3/8"(390)	3.52	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)	3.52	1.6	3/8"	82	1.2	1/4"
NE-3310	3/8"	15-55(20-75)	70	95	160	4.0(113)	90(6.3)	20-7/8"(530)	3.85	1.75	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)	3.85	1.75	3/8"	82	1.2	1/4"
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	1.22	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	1.22	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	1.22	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	1.22	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	1.30	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	1.30	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	0.50	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	0.50	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)	2.77	1.26	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)	2.77	1.26	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)	2.82	1.28	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)	2.82	1.28	3/8"	85	2.0	1/4"
NE-4901	1/2"	10-40(13.5-54)	50	68	1100	3.0(85)	90(6.3)	6-1/4"(159)	1.48	0.67	3/8"	89.0	2.2	1/4"

AIR RATCHET WRENCH



INE-399/NE-499

3/8" & 1/2" DRIVE Jumbo hammer type



8 pieces in one carton



INE-499N

1/2" DRIVE



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



Item No.	Square Drive	Bolt Capacity	Torque Range	Max Torque		Free 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
															
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	1.83	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	1.83	3/8"	93.0	9.9	1/4"

INE-462

1/2" DRIVE Pin clutch type



10 pieces in one carton



INE-462T

1/2" DRIVE Pin clutch type



10 pieces in one carton

- Two step trigger



INE-4815

1/2" DRIVE



10 pieces in one carton

- 360° Swivel exhaust



INE-488

1/2" DRIVE



12 pieces in one carton



Stylized grip

Swivel Exhaust

Item No.	Square Drive	Torque Range	Max Torque		Free 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/s ²	Inch
														
NE-462	1/2"	10-55(13.5-74)	74	100	200	4.0(113.28)	90(6.3)	13"(330)	4.1	1.88	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	1.83	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)	3.39	1.54	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	1.45	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	Free 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
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 0.50	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 1.20	3/8"	83.0	2.3	1/4"

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	Free 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	1.488	3/8"	82	1/4"
QA-9120	0.5(372)	1/4" & 1/8"(6 & 3)	20000	5	90(6.3)	202	0.73	3/8"	82	1/4"
QA-9620	0.5(372)	1/4" & 1/8"(6 & 3)	14000	5	90(6.3)	208	0.89	3/8"	82	1/4"
QB-9903	0.5(372)	PAD DIA 3"(76)	14000	5	90(6.3)	211	0.976	3/8"	82	1/4"
QE-2132	0.5(372)	3/8"(10)	2500	5	90(6.3)	248	1.143	3/8"	82	1/4"

NEW PRODUCT

NE-2900/NE-3900

1/4" & 3/8" DRIVE



20 pieces in one carton



FEATURES

- 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.

Item No.	Square Drive	Torque Range	Max Torque	Free 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/s ²	Inch
NE-2900	1/4"	5-35(7.0-47.0)	40 54.0	1000	3.4(96)	90(6.3)	6-1/4"(160)	1.43 0.65	3/8"	80.0	2.3	1/4"
NE-3900	3/8"	5-35(7.0-47.0)	40 54.0	1000	3.4(96)	90(6.3)	6-1/4"(160)	1.43 0.65	3/8"	80.0	2.3	1/4"

AIR DIE GRINDER

QA-101 A/B

AIR DIE GRINDER



20 pieces in one carton

Mighty Mini
119 mm



QA-111 A/B

AIR DIE GRINDER



20 pieces in one carton



QA-1211/QA-1221 A/B QA-2211/QA-2221 A/B

AIR DIE GRINDER Safety lever type throttle



20 pieces in one carton

QA-1211 / QA-1221



QA-2211 / QA-2221



QA-141 A/B QA-141L A/B

AIR DIE GRINDER



20 pieces in one carton

- QA-141-Roll type throttle
- QA-141L-Lever type throttle



QA-141



QA-141L

QA-151 A/B

AIR DIE GRINDER Roll type throttle



20 pieces in one carton



QA-110 A/B

AIR DIE GRINDER



20 pieces in one carton

Stylized grip



QA-116 A/B

AIR DIE GRINDER



10 pieces in one carton

Stylized grip



QA-131 A/B

AIR DIE GRINDER Roll type throttle



20 pieces in one carton



QA-143 A/B

AIR DIE GRINDER Roll type throttle



12 pieces in one carton



QA-163 A/B QA-163L A/B

AIR DIE GRINDER



12 pieces in one carton

- QA-163-Roll type throttle
- QA-163L-Lever type throttle



QA-163



QA-163L

QA-1710 A/B

EXTENDED AIR DIE GRINDER



10 pieces in one carton



QA-210 A/B

AIR DIE GRINDER



20 pieces in one carton

Keyless Collet



QA-211 A/B

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



Item No.	Collet Size A mm	Collet Size B inch	Free Speed R.P.M	Avg. Air Consumption CFM (L/min)	Air Pressure PSI (bar)	Overall Length Inch (mm)	Motor HP	Net Weight LBS kg	Air Hose Inch	Sound Pressure dBA	Vibration Level m/s ²	Air Inlet Inch
QA-101	6 & 3	1/4" & 1/8"	25000	6.3(178)	90(6.3)	4-11/16"(119)	0.3	0.71 0.32	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	1.36 0.62	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 0.38	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	2.53 1.15	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 0.49	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 0.49	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 0.71	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 0.71	3/8"	75	0.9	1/4"
QA-131	3	1/8"	30000	14.0(396)	90(6.3)	6-11/16"(170)	0.4	1.3 0.60	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 0.60	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 0.60	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 0.90	3/8"	75.0	2.5	1/4"
QA-151	6	1/4"	18000	12.2(345)	90(6.3)	7"(177)	0.9	1.76 0.80	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 1.25	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 1.31	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	2.36 1.07	3/8"	80.0	1.5	1/4"
QA-210	6	1/4"	20000	10.0(283)	90(6.3)	7-1/2"(190)	0.9	1.4 0.65	3/8"	75.7	0.8	1/4"
QA-211	6 & 3	1/8" & 1/4"	20000	10.0(283)	90(6.3)	7-1/2"(190)	0.9	1.4 0.65	3/8"	75.7	0.8	1/4"
QA-231Q	6 & 3	1/8" & 1/4"	20000	14.8(420)	90(6.3)	5-29/32"(150)	0.45	0.8 0.35	3/8"	80.0	>2.5	1/4"
QA-241	6 & 3	1/8" & 1/4"	4000	10.6(283)	90(6.3)	8-5/8"(220)	0.5	1.6 0.75	3/8"	75.0	0.87	1/4"

AIR DIE GRINDER

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



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-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

Item No.	Collet Size A mm	Collet Size B inch	Free Speed R.P.M	Avg. Air Consumption CFM (L/min)	Air Pressure PSI (bar)	Overall Length Inch (mm)	Motor HP	Net Weight LBS kg	Air Hose Inch	Sound Pressure dBA	Vibration Level m/s ²	Air Inlet Inch
QA-311	6 & 3	1/4" & 1/8"	25000	10.0(283)	90(6.3)	7-1/2"(190)	0.3	1.0 0.48	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 0.58	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 0.63	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	1.12 0.51	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	2.09 0.95	3/8"	---	---	1/4"
QA-632Q	6 & 3	1/4" & 1/8"	22000	12.3(350)	90(6.3)	7"(177)	0.4	1.12 0.51	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	1.54 0.70	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	1.76 0.8	3/8"	85.0	1.8	1/4"

NEW PRODUCT

QA-688

AIR DIE GRINDER FLEX-HEAD



10 pieces in one carton



FEATURES

- 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 A mm	Collet Size B inch	Free Speed R.P.M	Avg. Air Consumption CFM (L/min)	Air Pressure PSI (bar)	Overall Length Inch (mm)	Motor HP	Net Weight LBS kg	Air Hose Inch	Sound Pressure dBA	Vibration Level m/s ²	Air Inlet Inch
QA-688	6 & 3	1/4" & 1/8"	20000	10(283)	90(6.3)	7"(178)	0.3	1.4 0.65	3/8"	80.0	1.1	1/4"

MICRO AIR DIE GRINDER

QA-441

MICRO AIR DIE GRINDER

A : 3 mm B : 1/8"



20 pieces in one carton



QA-412

MICRO AIR DIE GRINDER

A : 3 mm B : 1/8"



20 pieces in one carton



QA-421

MICRO AIR DIE GRINDER

A : 3 mm B : 1/8"



20 pieces in one carton



QA-431

MICRO AIR DIE GRINDER

A : 3 mm B : 1/8"



10 pieces in one carton



QA-432

MICRO AIR DIE GRINDER

A : 3 mm B : 1/8"



20 pieces in one carton



QA-4507

MICRO AIR DIE GRINDER

A : 6 mm B : 1/4"



10 pieces in one carton



QA-511

ENGRAVING PEN



20 pieces in one carton



Item No.	Collet Size	Free Speed	Blow Per Minute	Avg. Air Consumption	Air Pressure	Overall Length	Hose Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	inch (mm)	R.P.M	bpm	CFM (L/min)	PSI (bar)	Inch (mm)	mm	LBS	kg	Inch	dBA	m/s ²	Inch
QA-441	1/8"(3)	60000	---	2.0(56)	90(6.3)	5-5/16"(135)	1500	0.40	0.18	3/8"	71.0	1.0	1/4"
QA-412	1/8"(3)	60000	---	2.7(76)	90(6.3)	6-3/4"(170)	1500	0.50	0.22	3/8"	70.0	0.5	1/4"
QA-421	1/8"(3)	60000	---	2.7(76)	90(6.3)	6"(150)	1500	0.50	0.22	3/8"	70.0	0.5	1/4"
QA-431	1/8"(3)	54000	---	2.0(56)	90(6.3)	5-3/8"(137)	1425	0.40	0.18	3/8"	70.0	0.5	1/4"
QA-432	1/8"(3)	70000	---	1.0(29)	90(6.3)	5-3/8"(137)	1425	0.40	0.18	3/8"	70.0	0.5	1/4"
QA-4507	1/4"(6)	32000	---	4.0(113)	90(6.3)	14-11/32"(364)	1500	0.88	0.40	3/8"	85.0	1.2	1/4"
QA-511	---	---	13000	1.0(29)	90(6.3)	5-1/2"(140)	1420	0.50	0.22	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/QB-105X

Roll type throttle



10 pieces in one carton



QB-114X/QB-115X

Roll type throttle



10 pieces in one carton



QB-117

Roll type throttle



6 pieces in one carton



QB-124/QB-125

Roll type throttle



10 pieces in one carton



QB-134X/QB-135X QB-154X/QB-155X

Roll type throttle



10 pieces in one carton



QB-144X/QB-145X QB-164X/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



Item No.	Pad Dia / Arbor Size	Spindle Size	Free 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/s ²	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	1.81	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	1.81	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	1.81	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	1.81	3/8"	87.1	1.2	1/4"
QB-117	7"(178x22)	---	7000	9.0(255)	90(6.3)	13-1/2"(343)	1.0	7.1	3.24	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	1.73	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	1.78	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	3.7	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"
QB-144X	4"(100x16)	M10xP1.5	11000	6.0(170)	90(6.3)	8-7/8"(225)	0.78	3.9	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	3.9	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"

AIR ANGLE GRINDER

AIR ANGLE GRINDER

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

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/QB-192L

Roll type throttle / Lever type throttle



10 pieces in one carton



QA-192

QA-192L

QB-193/QB-193L

Roll type throttle / Lever type throttle



10 pieces in one carton



QA-193

QA-193L

QB-194/QB-194L

Roll type throttle / Lever type throttle



10 pieces in one carton

6 pieces in one carton



QA-194

QA-194L

QB-194CN

Roll type throttle



9 pieces in one carton



QB-195-85

QB-195-120

Roll type throttle



10 pieces in one carton



QB-195L-85

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



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

QB-2925

AIR STRAIGHT GRINDER

Roll type throttle



12 pieces in one carton



Exhaust

Used with straight grinding wheel

QB-2925L

AIR STRAIGHT GRINDER

Lever type throttle



12 pieces in one carton



Exhaust

Used with straight grinding wheel

QB-7114 S/M QB-7115 S/M QB-7145 S/M

100° 1.3HP AIR ANGLE GRINDER

Lever type throttle



6 pieces in one carton



QB-7215M QB-7245M

100° 1.3HP AIR ANGLE GRINDER

Lever type throttle



6 pieces in one carton



QB-7315 S/M

2.3HP AIR ANGLE GRINDER

Lever type throttle



6 pieces in one carton



MIGHTY 2.3 HP

Item No.	Pad Dia / Arbor Size	Spindle Size	Free 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/s ²	Inch
													
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	0.73	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"
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)	1.4	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)	1.4	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)	1.4	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)	1.0	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" / 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"
QB-2925	(65x13x9.5)	3/8"-16	16000	5.0(141)	90(6.3)	10-11/16"(270)	0.9	2.9	1.33	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	1.39	3/8"	90	2.8	3/8"
QB-7114(S/M)	4"(100)	3/8"-24 / M10xP1.5	11000	4.2(119)	90(6.3)	9-1/8"(232)	1.30	4.0	1.81	3/8"	90.0	1.2	1/4"
QB-7115(S/M)	5"(125)	5/8"-11 / M14xP2.0	11000	4.2(119)	90(6.3)	9-1/8"(232)	1.30	4.0	1.81	3/8"	90.0	1.2	1/4"
QB-7145(S/M)	4-1/2"(114)	5/8"-11 / M14xP2.0	11000	4.2(119)	90(6.3)	9-1/8"(232)	1.30	4.0	1.81	3/8"	90.0	1.2	1/4"
QB-7215M	5"(125)	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-7245M	4-1/2"(115)	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 QB-322C AIR BELT SANDER



10 pieces in one carton

• QB-322C : 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



QB-325P54



QB-325P53



QB-325P04



QB-325P52



Item No.	Belt Size Pad Dia	Free 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/s ²	Inch
QB-311	3/8"x13"(10x330)	16000	8.0(226)	90(6.3)	11-1/2"(290)	1.76	0.80	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)	2.65	1.20	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)	5.28	2.40	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	0.95	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	1.40	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	1.40	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	1.40	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	0.95	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	0.95	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	0.95	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	0.95	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	0.95	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 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



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

Backing Face : vinyl



Blister+Card

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

Item No.	Pad Dia	Free 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
QB-42502	5"(127)	10000	3.85(109)	90(6.3)	6"(153)	0.24	1.7	0.81	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	0.85	3/8"	74.4	1.4	5	1/4"
QB-46502	5"(127)	10000	3.85(109)	90(6.3)	6"(153)	0.24	1.74	0.79	3/8"	80.1	2.2	5	1/4"
QB-46512	5"(127)	10000	3.85(109)	90(6.3)	6"(153)	0.24	1.74	0.79	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	1.74	0.79	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	1.74	0.79	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	1.00	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	2.65	1.20	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	1.45	0.66	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	0.68	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	0.68	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

Self-Generated Vacuum

SERIES



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-Generated Vacuum



6 pieces in one carton

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



QB-47

AIR RANDOM ORBITAL SANDER
Self-Generated Vacuum



6 pieces in one carton

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



QB-53

AIR RANDOM ORBITAL SANDER
Self-Generated Vacuum



8 pieces in one carton

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



QB-56

AIR RANDOM ORBITAL SANDER
Self-Generated 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-Generated Vacuum



6 pieces in one carton



Air Regulator

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 QB-51612

AIR RANDOM ORBITAL SANDER
Central-Vacuum



12 pieces in one carton



QB-57602

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



6 pieces in one carton



Air Regulator

Central-Vacuum

SERIES





Air Gear Driven Sander



QB-57642

**AIR 2-HAND
RANDOM ORBITAL SANDER**
Central-Vacuum



6 pieces in one carton



QB-57642P39

QB-59642

**AIR 2-HAND
RANDOM ORBITAL SANDER**
Self-Generated Vacuum



6 pieces in one carton



QB-59642P39

QB-58542 QB-58642

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



6 pieces in one carton



5" QB-58542P39
6" QB-58642P39

**Equipped with QB-57642P39
6-hole Vacuum Pad**

**Equipped with QB-59642P39
6-hole Vacuum Pad**

**Equipped with QB-58642P39
Non-Vacuum Pad**

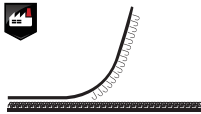
Item No.	Pad Dia	Free Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level	Orbit	Air Inlet
	inch(mm)	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS	kg	Inch	dBA	m/s ²	mm	Inch
QB-20203	2" + 3"	14000	3.0(85)	90(6.3)	5-1/8"(130)	---	1.1	0.5	3/8"	81.6	1.5	3.0	1/4"
QB-43802	5"(127)	10000	3.85(109)	90(6.3)	8"(206)	0.24	3.28	1.49	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	3.39	1.54	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	2.49	1.13	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	2.49	1.13	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	1.00	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	2.65	1.20	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	0.78	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	0.78	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"
QB-41902	6"(152)	10000	3.85(109)	90(6.3)	8"(206)	0.24	2.0	0.91	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	1.85	0.84	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	1.85	0.84	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	1.65	0.78	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	0.78	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	0.78	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"
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



Use with
VELCRO TYPE
Sanding Paper



NON-VACUUM



QB-48111

AIR JITTERBUG SANDER
Non-Vacuum 2.5mm orbit

12 pieces in one carton



Sanding paper
mounted by **CLIP**



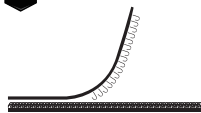
NON-VACUUM



QB-48112

AIR JITTERBUG SANDER
Non-Vacuum 2.5mm orbit

12 pieces in one carton



Use with
VELCRO TYPE
Sanding Paper



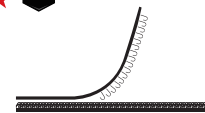
NON-VACUUM



QB-48212

AIR JITTERBUG SANDER
Non-Vacuum 2.5mm orbit

12 pieces in one carton



Use with
VELCRO TYPE
Sanding Paper



NON-VACUUM



QB-48211

AIR JITTERBUG SANDER
Non-Vacuum 2.5mm orbit

5 pieces in one carton



Sanding paper
mounted by **CLIP**



NON-VACUUM



Item No.	Pad Dia	Free 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
QB-48012	3"x4"(75x100)	10000	5.0(141)	90(6.3)	5-3/8"(137)	0.24	1.83 0.83	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 0.91	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 0.78	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 0.94	3/8"	83.0	1.5	2.5	1/4"

QP-111

1" AIR ANGLE SANDER

10 pieces in one carton



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 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	Free 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	0.55	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	0.72	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	1.69	0.77	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	1.20	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	2.04	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	2.04	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	2.04	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	1.12	0.53	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 Indexable Inserts



Item No.	Chamfering Capacity	Free 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



3" Wheel

QC-234

4" HEAVY DUTY AIR CUT-OFF TOOL

Available Dimension of inner hold : Ø 10mm



10 pieces in one carton



4" Wheel

QC-253

3" AIR CUT-OFF TOOL



10 pieces in one carton

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



4" Wheel Stylized grip

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



3" Wheel Stylized grip

QC-234T

4" AIR CORNER CUT-OFF TOOL

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



10 pieces in one carton

Note : Wheel is supplied with the tool



4" Wheel Stylized grip

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



QC-333

FLEX-HEAD AIR CUT-OFF TOOL



10 pieces in one carton

Note : Wheel is supplied with the tool



3" Wheel



3 Angle Adjustable

Item No.	Belt Size Pad Dia	Free 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/s ²	Inch
QC-213	3"(75)	20000	10.0(283)	90(6.3)	7-7/8"(200)	0.9	1.9	0.86		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	0.82		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	1.59		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	1.41		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)	---	2.42	1.1		3/8"	---	---	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

- Note : The air mini saw is not supplied along with the tool
- 5pcs 5.0mm file set included



Air Mini Saw Can Also Be Installed

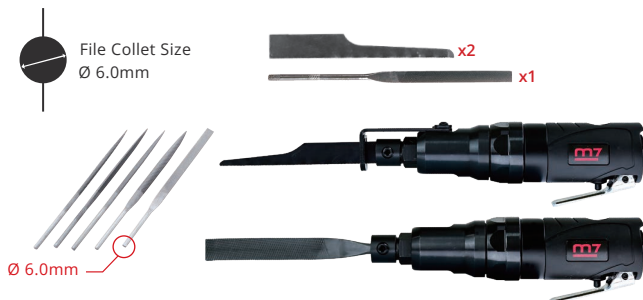
QD-260

AIR MINI SAW / FILE



20 pieces in one carton

Note : The package contains a flat file and two saw blades



QD-291N

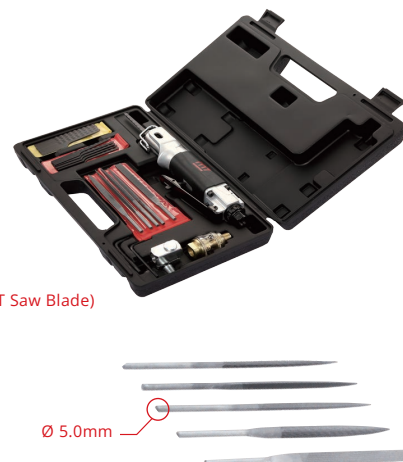
AIR SAW SET



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
- 1/4" 360° plug
- 5 pcs - 5 mm file set
- 1pc - Mini oiler 1/4"



QD-321

LOW VIBRATION AIR BODY SAW



15 pieces in one carton



QD-501

GEAR DRIVEN AIR SAW (3 in 1)



10 pieces in one carton

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



Item No.	Strokes Length mm	Strokes Per min S.P.M	Collet Size mm	Avg. Air Consumption CFM (L/min)	Air Pressure PSI (bar)	Overall Length Inch (mm)	Motor HP	Net Weight LBS kg	Air Hose Inch	Sound Pressure dBA	Vibration Level m/s ²	Air Inlet Inch
		S.P.M					hp					
QD-221	10	5000	4.0	4.0(113)	90(6.3)	9-3/4"(250)	---	1.76 0.8	3/8"	81.9	4.1	1/4"
QD-230	5	7000	5.0	2.5(70)	90(6.3)	7"(180)	---	1.10 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)	---	1.28 0.58	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 0.6	3/8"	80.0	2.4	1/4"
QD-291	10	9000	5.0	4.0(113)	90(6.3)	9-1/4"(235)	---	1.30 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

I QG-102

AIR SHEAR Straight type



10 pieces in one carton



I QG-103

AIR NIBBLER



10 pieces in one carton



I QG-202

AIR SHEAR Pistol type



10 pieces in one carton



Item No.	Strokes 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/s ²	mm	mm	Inch	
	S.P.M									steel	aluminum		
QG-102	2600	6.0(170)	90(6.3)	10"(254)	2.2	1.00	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	1.00	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	1.10	3/8"	89.1	2.9	1.2	1.6	1/4"	

I QK-111

AIR KNIFE 10 pieces in one carton



I QK-111T

AIR KNIFE 10 pieces in one carton



Stylized grip

I QK-121

AIR KNIFE 10 pieces in one carton



QK-111P51 QK-111P52 QK-111P53 QK-2090



QK-2063 QK-2036 QK-111P08 QK-111P54 QK-111P50



I QK-131

AIR OSCILLATING TOOL WITH UNIVERSAL ADAPTER



20 pieces in one carton



Patented flange can share pneumatic

Note : Blade is not supplied along with the tool

I QK-112/QK-112N

AIR SCRAPER KIT

Contains Blade



10 pieces in one carton



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



QK-112



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

Item No.	Strokes Length	Strokes Per min	Oscillation	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	mm	S.P.M	per min	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s ²	Inch
		S.P.M										
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	0.92	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	16	4200	---	3.0(84.9)	90(6.3)	7-23/32"(196)	1.52	0.69	3/8"	93.0	9.0	1/4"

PN-150 PN-180

AIR PUNCH & FLANGE TOOL



10 pieces in one carton



PN-250 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/s ²	Inch
PN-150	5	1.6mm(Steel)	4.0(113)	90(6.3)	10"(254)	2.5	1.15	3/8"	62.0	0.1	1/4"
PN-180	8	1.2mm(Steel)	4.0(113)	90(6.3)	10"(254)	2.5	1.15	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

ADJUSTABLE TORQUE AIR TAPPING ADAPTER HEX : 8mm

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

20 pieces in one carton



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

Item No.	Capacity			Free 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/s ²	Inch
PC-2010	M3-M8	M3-M12	M3-M12	150	12"(305)	6.5(184)	90(6.3)	5.4	2.45	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	Free 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/s ²	Inch
QE-231	5/16"(8)	1600	0.50	9-1/4"(235)	6.0(170)	90(6.3)	4.4	2.00	3/8"	88.2	0.1	1/4"

AIR DRILL

3/8" QE-2130/QE-2133/QE-2137 1/2" QE-2143

AIR REVERSIBLE DRILL



20 pieces in one carton QE-2130/QE-2143

10 pieces in one carton QE-2133/QE-2137

- 4 Running speeds identified by different colour rings for multiple applications.



QE-2130



QE-2143



QE-2137



QE-2133

Item No.	Chuck Size	Free 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/s ²	Inch
QE-2130	3/8"(10)	3500	0.5(372w)	7-1/8"(181)	4(113)	90(6.3)	1.76	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)	1.76	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)	1.76	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)	2.64	1.2	3/8"	92	0.2	1/4"

QE-324

AIR DRILL

10 pieces in one carton



QE-331/QE-332

With keyless chuck

10 pieces in one carton

- QE-331 3/8" AIR REVERSIBLE DRILL
- QE-332 3/8" AIR DRILL



3pcs Planet Gear

QE-333/QE-334

With key chuck

10 pieces in one carton

- QE-333 3/8" AIR REVERSIBLE DRILL
- QE-334 3/8" AIR DRILL



3pcs Planet Gear

QE-431/QE-432

With keyless chuck



10 pieces in one carton

- QE-431 3/8" AIR REVERSIBLE DRILL
- QE-432 3/8" AIR DRILL



2pcs Planet Gear with bearing

QE-433/QE-434

With key chuck



10 pieces in one carton

- QE-433 3/8" AIR REVERSIBLE DRILL
- QE-434 3/8" AIR DRILL



2pcs Planet Gear with bearing

QE-532

3/8" AIR DRILL With keyless chuck



10 pieces in one carton



3pcs Planet Gear with bearing

QE-533

3/8" AIR 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	Free 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/s ²	Inch
QE-324	1/4"(6.35)	5500	0.38	3.01	6-15/32"(164)	1.9(54)	90(6.3)	1.7 0.78	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)	2.42 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)	2.20 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)	2.42 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)	2.20 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 1.18	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 1.18	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 1.23	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 1.23	3/8"	90.0	3.0	1/4"
QE-532	3/8"(10)	2800	0.70	8.58	9-9/16"(243)	4.8(135)	90(6.3)	2.7 1.23	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 1.23	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 1.10	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)	2.35 1.07	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 1.10	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 1.23	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 0.90	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)	1.89 0.86	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)	1.62 0.74	3/8"	85.0	1.2	1/4"

AIR DRILL

QE-341/QE-342

With keyless chuck



10 pieces in one carton

- QE-341 1/2" AIR REVERSIBLE DRILL
- QE-342 1/2" AIR DRILL



3pcs Planet Gear x 2Set

QE-343/QE-344

With key chuck



10 pieces in one carton

- QE-343 1/2" AIR REVERSIBLE DRILL
- QE-344 1/2" AIR DRILL



3pcs Planet Gear x 2Set

QE-441/QE-442

With keyless chuck



10 pieces in one carton

- QE-441 1/2" AIR REVERSIBLE DRILL
- QE-442 1/2" AIR DRILL



2pcs Planet Gear x 2Set bearing

QE-443

10 pieces in one carton

1/2" AIR REVERSIBLE DRILL

With key chuck



2pcs Planet Gear x 2Set bearing

QE-542

10 pieces in one carton

1/2" AIR DRILL With keyless chuck



3pcs Planet Gear x 2Set bearing

QE-543

10 pieces in one carton

1/2" AIR REVERSIBLE DRILL

With key chuck



3pcs Planet Gear x 2Set bearing

QE-841

10 pieces in one carton

1/2" AIR REVERSIBLE DRILL

With keyless chuck



3pcs Planet Gear x 2Set

QE-843

10 pieces in one carton

1/2" AIR REVERSIBLE DRILL

With key chuck



3pcs Planet Gear x 2Set

QE-845

10 pieces in one carton

1/2" AIR REVERSIBLE DRILL

With key chuck



3pcs Planet Gear x 2Set

Item No.	Chuck Size	Free 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/s ²	Inch
QE-341	1/2"(13)	800	0.65	11.15	9"(230)	6.5(184)	90(6.3)	3.96	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)	3.74	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)	3.96	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)	3.74	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	1.58	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	1.58	3/8"	90.0	3.0	1/4"
QE-443	1/2"(13)	1100	0.50	14.68	10-5/8"(270)	4.0(112)	90(6.3)	3.8	1.73	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	1.73	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	1.73	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 inch(mm)	Free Speed R.P.M	Motor HP	Overall Length inch(mm)	Avg. Air Consumption CFM (L/min)	Air Pressure PSI (bar)	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
												
QE-624	1/4"(6)	5000	0.3	5-5/8"(143)	7.8(130)	90(6.3)	1.47	0.67	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	0.55	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	0.32	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)	0.97	0.44	3/8"	84	1.1	1/4"

AIR DRILL

QE-6030 QE-6030L

AIR RIGHT ANGLE DRILL
Threaded type



QE-6130 QE-6130L

AIR RIGHT ANGLE DRILL
Threaded type



QE-6010 QE-6010L

AIR 45° ANGLE DRILL
Threaded type



QE-6020 QE-6020L

AIR RIGHT ANGLE DRILL
Threaded type



QE-6120 QE-6120L

AIR RIGHT ANGLE DRILL
Threaded type



QE-6110 QE-6110L

AIR 45° ANGLE DRILL
Threaded type



Item No.	Spindle Size	Free 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/s ²	kg/cm ²
QE-6030	1/4"-28	4000	0.40	9-1/2"(240)	3.0(84)	90(6.3)	1.4	0.64	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)	1.65	0.75	3/8"	81.5	<2.5	1/4"
QE-6130	1/4"-28	3600	0.60	10-1/4"(259)	3.5(99)	90(6.3)	2.2	1.0	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"
QE-6010	1/4"-28	4000	0.40	10"(256)	3.0(84)	90(6.3)	1.4	0.64	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)	1.65	0.75	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	0.64	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)	1.65	0.75	3/8"	81.5	<2.5	1/4"
QE-6120	1/4"-28	3600	0.60	10-1/4"(259)	3.5(99)	90(6.3)	2.2	1.0	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-6110	1/4"-28	3600	0.60	10-7/8"(274)	3.5(99)	90(6.3)	1.9	0.86	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-6021 QE-6021L

AIR RIGHT ANGLE DRILL

Collect type



QE-6011 QE-6011L

AIR 45° ANGLE DRILL

Collect type



QE-6121 QE-6121L

AIR RIGHT ANGLE DRILL

Collect type



QE-6111 QE-6111L

AIR 45° ANGLE DRILL

Collect type



Item No.	Spindle Size	Free 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/s ²	kg/cm ²
QE-6021	9/32"-40	4000	0.40	9-1/2"(240)	3.0(84)	90(6.3)	1.4	0.64	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)	1.65	0.75	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	0.64	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)	1.65	0.75	3/8"	81.5	<2.5	1/4"
QE-6121	9/32"-40	3600	0.60	10-1/4"(259)	3.5(99)	90(6.3)	1.9	0.86	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-6111	9/32"-40	3600	0.60	10-7/8"(274)	3.5(99)	90(6.3)	1.9	0.86	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-6022 QE-6022L

AIR RIGHT ANGLE DRILL

Chuck type



QE-6112 QE-6112L

AIR 45° ANGLE DRILL

Chuck type



QE-6012 QE-6012L

AIR 45° ANGLE DRILL

Chuck type



QE-6122 QE-6122L

AIR RIGHT ANGLE DRILL

Chuck type



Item No.	Chuck Size	Free 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/s ²	kg/cm ²
QE-6022	1/8"(3)	4000	0.40	9-1/2"(240)	3.0(84)	90(6.3)	1.4	0.64	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)	1.65	0.75	3/8"	81.5	<2.5	1/4"
QE-6012	1/8"(3)	4000	0.40	10-1/8"(256)	3.0(84)	90(6.3)	1.4	0.64	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)	1.65	0.75	3/8"	81.5	<2.5	1/4"
QE-6122	1/8"(3)	3600	0.60	10-1/4"(259)	3.5(99)	90(6.3)	1.9	0.86	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"
QE-6112	1/8"(3)	3600	0.60	10-3/4"(274)	3.5(99)	90(6.3)	1.9	0.86	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"

AIR SCREWDRIVER



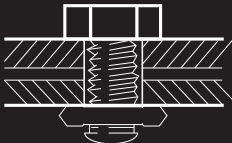
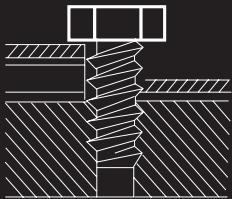
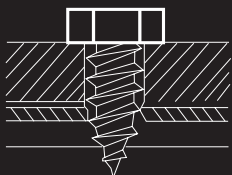
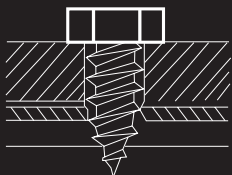
Pistol Type

★★
Excellent



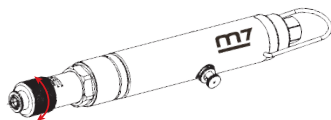
Straight Type

★
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		
				RA-1131	RA-1151	RA-802	
				RA-1132	RA-2161	RA-302	
 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			
				RA-1232	RA-2242	RA-606	RA-2272
				RA-1242	RA-102	RA-201	RA-608
				RA-101		RA-110	RA-1272
 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			
				RA-1232	RA-2242	RA-606	RA-2272
				RA-1242	RA-102	RA-201	RA-608
				RA-101		RA-105	RA-1272
 Wood screws	★★ Positive Clutch ★ Twin Dog					RA-811	
						RA-402	
				RA-1232	RA-2242	RA-606	RA-2272
				RA-1242	RA-102	RA-201	RA-608
				RA-101		RA-105	RA-1272
				RA-101 C			

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



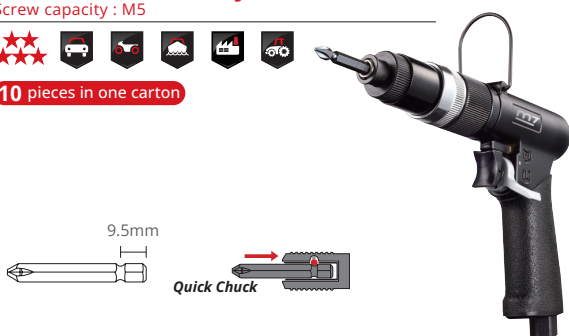
RA-2161

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

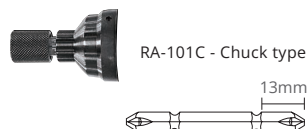


RA-101 RA-101C

Twin dog type
Screw capacity : M4



20 pieces in one carton



RA-102

Twin dog type
Screw capacity : M5



20 pieces in one carton

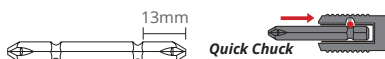


RA-110

Twin hammer type
Screw capacity : M6



12 pieces in one carton



RA-1232

Twin dog type
Screw capacity : M4



10 pieces in one carton



RA-105

Twin dog type
Screw capacity : M6



12 pieces in one carton



RA-1242

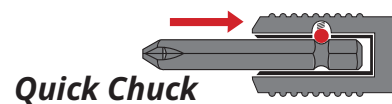
Twin dog type
Screw capacity : M4



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	Free 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/s ²	Inch
RA-1131	1/4"(6.35)	0.7-2.9(1-4)	1800	9"(228)	4.5(127)	90(6.3)	1.6	0.76	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	0.76	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	1.01	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	1.00	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)	2.65	1.20	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)	1.32	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)	1.54	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)	2.20	1.0	3/8"	96.7	4.9	1/4"
RA-110	1/4"(6.35)	3.7-29.5(5-40)	8500	8-1/4"(208)	8.5(241)	90(6.3)	2.20	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)	1.47	0.67	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)	1.25	0.57	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)	2.30	1.06	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)	2.65	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)	2.86	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	1.38	3/8"	93.0	4.9	1/4"

Clutch Type Series

Internal Adjustment

Quick Chuck



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



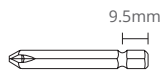
RA-301

ADJUSTABLE CLUTCH

Screw capacity : M4



10 pieces in one carton



Quick Chuck

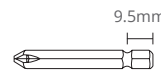
RA-302

ADJUSTABLE CLUTCH

Screw capacity : M6



10 pieces in one carton



Quick Chuck

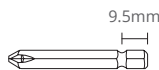
RA-801

ADJUSTABLE CLUTCH

Screw capacity : M4



10 pieces in one carton



Quick Chuck

RA-802

ADJUSTABLE CLUTCH

Screw capacity : M6



10 pieces in one carton



Quick Chuck

Item No.	Bit Size	Torque Range	Free 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/s ²	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)	1.34	0.61	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	0.95	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)	2.40	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)	2.87	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)	2.70	1.22	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)	2.80	1.30	3/8"	83.0	4.2	1/4"

AIR SCREWDRIVER

Positive Clutch Type Non - Adjustable

RA-402

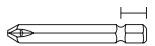
POSITIVE CLUTCH TYPE

Screw capacity : M6



10 pieces in one carton

9.5mm



RA-811

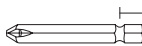
POSITIVE CLUTCH TYPE

Screw capacity : M6



10 pieces in one carton

9.5mm



Torque Control or Shutt-off

RA-31/RA-41/RA-51 SERIES

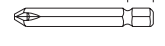
SHUT-OFF SCREWDRIVER



12 pieces in one carton



9.5mm



RA-30/RA-40/RA-50 SERIES

SHUT-OFF SCREWDRIVER



12 pieces in one carton



9.5mm



ZT-31

DIGITAL TORQUE TESTER

Torque range 0~14.7Nm

1 pieces in one carton



Item No.	Bit Size	Torque Range	Free 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/s ²	Inch
RA-402	1/4"(6.35)	5-14(6-19)	2200	7-3/32"(180)	3.9(111)	90(6.3)	2.47	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)	2.50	1.13	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)	0.94	0.42	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)	0.94	0.42	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)	0.94	0.42	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)	1.43	0.65	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)	1.43	0.65	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)	1.43	0.65	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)	1.57	0.71	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)	1.57	0.71	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)	1.57	0.71	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)	1.92	0.87	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)	1.92	0.87	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)	1.92	0.87	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)	2.65	1.20	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)	2.65	1.20	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)	2.65	1.20	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-3050/SP-3070 SP-3090/SP-3150 SP-3220/SP-3300

10 pieces in one carton

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-3050	3.0-5.0	1.3	Cable	3.2	1.82
SP-3070	5.0-7.0	1.3	Cable	3.0	1.85
SP-3090	5.0-9.0	1.3	Cable	4.0	3.59
SP-3150	9.0-15.0	1.3	Cable	4.0	3.61
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	0.49
SP-102	0.6-1.5	1.4	Cable	2.5	0.52
SP-103	1.0-2.0	1.4	Cable	2.5	0.53
SP-104	1.5-3.0	1.4	Cable	3.2	0.76
SP-105	3.0-5.0	1.4	Cable	3.2	0.81
SP-111	0.3-0.8	1.4	Nylon	4.0	0.49
SP-112	0.6-1.5	1.4	Nylon	4.0	0.52
SP-113	1.0-2.0	1.4	Nylon	4.0	0.53
SP-212	0.3-1.2	1.4	Nylon	4.0	0.57
SP-213	0.8-2.0	1.4	Nylon	4.0	0.57

AIR HAMMER

SC-331C AIR HAMMER ROUND SHANK

★★ ★ 10 pieces in one carton



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

★★ ★ 10 pieces in one carton

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

SC-211C AIR HAMMER ROUND SHANK

★★ ★ 8 pieces in one carton



SC-221C AIR HAMMER HEX SHANK

★★ ★ 8 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

SC-332C AIR HAMMER ROUND SHANK

★★ ★ 10 pieces in one carton



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-212C AIR HAMMER ROUND SHANK

★★ ★ 8 pieces in one carton



SC-222C AIR HAMMER HEX SHANK

★★ ★ 8 pieces in one carton

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

HAMMER CHISEL



SC-05C[SET]/SC-06C[SET]

- 1pc- Air Hammer (Various Selections) 5 pieces in one carton
- 5pcs-Chisel Kits
- 1pc- Spring Retainer

Item No.	Shank	Contents
SC-0517C	Round Shank	SC-211C
SC-0527C	Round Shank	SC-212C
Item No.	Shank	Contents
SC-0617C	Hex Shank	SC-221C
SC-0627C	Hex Shank	SC-222C



SC-33C/SC-34C

NEEDLE SCALER ADAPTOR
FOR AIR HAMMER TOOLS USE ROUND/HEX
19pcs Ø 3 mm x 180 mm

20 pieces in one carton	Item No.	Shank
	SC-33C	Round Shank
	SC-34C	Hex Shank



● SC-33C - / Round ● SC-34C - / Hex

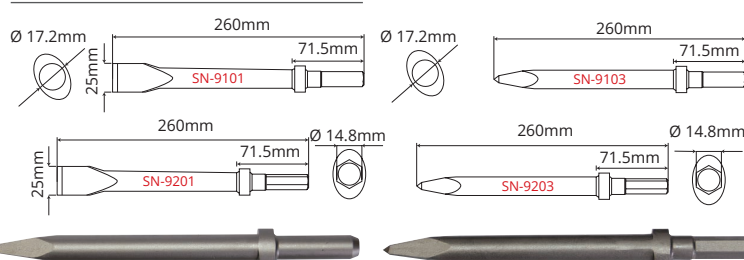
SN-1032 AIR FLUX CHIPPER

★★ ★ 12 pieces in one carton

- Include the chisel



SN-9101/SN-9103 SN-9201/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/s ²	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-3111C/SN-3112C SN-3113C/SN-3114C

ROUND SHANK



2 pieces in one carton

SN-3121C/SN-3122C SN-3123C/SN-3124C

HEX SHANK



2 pieces in one carton



SN-3212C/SN-3213C SN-3214C

ROUND SHANK



2 pieces in one carton

SN-3222C/SN-3223C SN-3224C

HEX SHANK



2 pieces in one carton



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/s ²	Inch
SN-1032		0.51(13)	33	4000	4.23(120)	90(6.3)	11-1/2"(290)	2.9	1.33	3/8"	91.0	14.5	1/4"
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 HAMMER



SN-1268 AIR NEEDLE SCALER



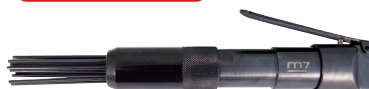
6 pieces in one carton



SN-1288 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

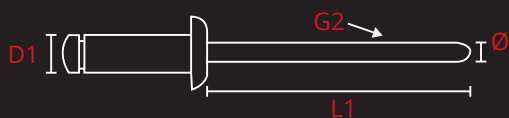


Item No.	Needle Diameter	Numbers of Needle	Stroke Length	Blow Per Minute	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	Air Inlet
	mm	inch(mm)	mm	b.p.m	CFM (L/min)	PSI (bar)	inch(mm)	LBS	kg	Inch	dBA	m/s ²	Inch
SN-1268	3x180	19	28	4600	15(424)	90(6.3)	18-1/8"(460)	6.2	2.80	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	1.30	3/8"	86.0	7.7	1/4"
SN-1368	3x180	19	27	3400	16(453)	90(6.3)	17"(430)	5.9	2.70	3/8"	91.0	13.7	1/4"
SN-2110	3x180	19	33	3700	15(424)	90(6.3)	13"(330)	6.1	2.80	3/8"	97.0	9.7	1/4"
SN-2128	3x180	28	28	3500	7.4(198)	90(6.3)	13-9/16"(335)	6.2	2.80	3/8"	100.0	8.1	3/8"
SN-2124	3x180	23	27	4000	7.4(209)	90(6.3)	13-9/16"(350)	7.9	3.60	3/8"	99.0	14.8	3/8"

AIR HYDRAULIC RIVETER

AIR HYDRAULIC RIVETER

ITEM	MATERIAL		RIVET DIAMETER(ØMM)						
			(2.5) 2.4	(3.0) 3.2	4.0	(5.0) 4.8	6.4	7.2	8.0
PA-111	aluminum	aluminum							
	aluminum	steel							
	steel	steel							
	stainless	steel							
PA-201	stainless	stainless							
	aluminum	aluminum							
	aluminum	steel							
	steel	steel							
PA-201V	stainless	steel							
	stainless	steel							
	steel	steel							
	stainless	stainless							
PA-211	aluminum	aluminum							
	aluminum	steel							
	steel	steel							
	stainless	steel							
PA-211VMC	stainless	stainless							
	aluminum	aluminum							
	aluminum	steel							
	steel	steel							
PA-301	stainless	stainless							
	aluminum	aluminum							
	aluminum	steel							
	steel	steel							
PA-301V	stainless	steel							
	stainless	steel							
	steel	steel							
	stainless	stainless							
PA-301D	aluminum	aluminum							
	aluminum	steel							
	steel	steel							
	stainless	steel							
PA-301L	stainless	stainless							
	aluminum	aluminum							
	aluminum	steel							
	steel	steel							
PA-321	stainless	stainless							
	aluminum	aluminum							
	aluminum	steel							
	steel	steel							
PA-312V	stainless	steel							
	stainless	steel							
	steel	steel							
	stainless	stainless							
PA-301VMC	aluminum	aluminum							
	aluminum	steel							
	steel	steel							
	stainless	steel							
PA-211TS	stainless	stainless							
	aluminum	aluminum							
	aluminum	steel							
	steel	steel							



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)

AIR HYDRAULIC RIVETER

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



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



10 pieces in one carton



PA-301D



2 pieces in one carton



PA-301L



PA-203N



6 pieces in one carton



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	3.00	3/8"	82.0	0.8	1/4"
PA-201	3534(1603)	14	2.4-6.4	2.32	90(6.3)	3.9	1.80	3/8"	79.7	0.5	1/4"
PA-201V	3534(1603)	14	2.4-6.4	2.32	90(6.3)	3.9	1.80	3/8"	79.7	0.5	1/4"
PA-211	3748(1700)	18	2.4-6.4	2.9	90(6.3)	3.8	1.75	3/8"	79.7	0.8	1/4"
PA-321	2612(1185)	22	2.4-4.8	1.48	90(6.3)	3.3	1.50	3/8"	79.7	0.4	1/4"
PA-312V	1983(900)	18	2.4-4.8	1.8	90(6.3)	3.8	1.74	3/8"	75.3	0.4	1/4"
PA-301V	2303(1045)	16	2.4-4.8	1.48	90(6.3)	3.3	1.50	3/8"	79.7	0.3	1/4"
PA-301	2303(1045)	16	2.4-4.8	1.48	90(6.3)	3.3	1.50	3/8"	79.7	0.3	1/4"
PA-301D	2303(1045)	16	2.4-4.8	1.48	90(6.3)	3.3	1.50	3/8"	79.7	0.3	1/4"
PA-301L	2303(1045)	16	2.4-4.8	1.48	90(6.3)	3.3	1.50	3/8"	79.7	0.3	1/4"
PA-203	2640(1200)	16	3.2-6.4	1.48	90(6.3)	3.3	1.50	3/8"	79.7	0.5	1/4"

PB-2601

AIR HYDRAULIC NUT SETTER



5 pieces in one carton



PA-211TS

AIR HYDRAULIC RIVETER



6 pieces in one carton



PB-2402

AIR HYDRAULIC RIVET NUT TOOL



6 pieces in one carton



PB-1305/PB-1308/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	Free 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/s ²	Inch
												
PB-2601	4300(594.5)	3500	0-7.0	M3-M12	7.5	90(6.3)	5.4	2.46	3/8"	80	1.2	1/4"
PA-211TS	3748(1700)	---	18	6.4&8.0	2.90	90(6.3)	3.80	1.75	3/8"	79.7	0.8	1/4"
PB-2402	3638(1650)	---	9	Steel M4.M10 Stainless M4.M8	1.50	90(6.3)	3.40	1.55	3/8"	82.0	0.8	1/4"
PB-1305	---	1200	---	M3.M4.M5	7.8	90(6.3)	2.42	1.10	3/8"	86.0	1.6	1/4"
PB-1308	---	600	---	M6.M8	7.8	90(6.3)	2.86	1.30	3/8"	86.0	1.6	1/4"
PB-1310	---	400	---	M8.M10	7.8	90(6.3)	2.80	1.30	3/8"	86.0	1.6	1/4"
PB-1312	---	400	---	M10.M12	7.8	90(6.3)	2.80	1.27	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

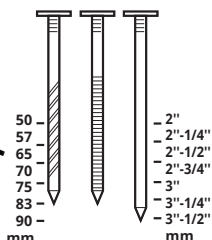
AIR NAILER & AIR STAPLER

SJ-FN90E

AIR FRAMING NAILER 34°



2 pieces in one carton

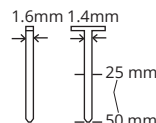


SJ-1650T

AIR NAILER SAFETY TRIGGER



5 pieces in one carton



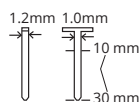
Item No.	Collated	Nail Head	Nail Length		Shank Dia		Load Capacity		Working Pressure		Weight		Air Inlet	
			mm(inch)	mm	mm	Nails	PSI	kg	Inch					
SJ-FN90E	Paper/Wire	Clipped Head	50-90(2"-3-1/2")	2.9	3.3	75-105	90	3.9	1/4"					

SJ-1830F SJ-C1830F

AIR NAILER SAFETY TRIGGER



10 pieces in one carton

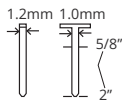


SJ-1850F

AIR NAILER SAFETY TRIGGER



10 pieces in one carton

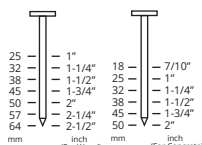


SJ-TN64

AIR CONCRETE NAILER



4 pieces in one carton

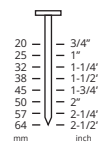


SJ-BNF1664

AIR BRAD NAILER

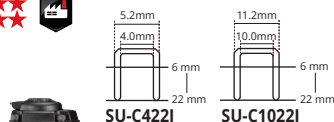


10 pieces in one carton



SU-C422J SU-C1022J

AIR NAILER 10 pieces in one carton

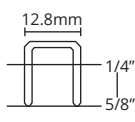


SU-8016

AIR STAPLER SAFETY TRIGGER



10 pieces in one carton

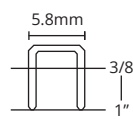


SU-9025

AIR STAPLER SAFETY TRIGGER



10 pieces in one carton

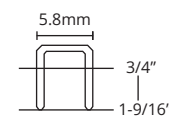


SU-9040

AIR STAPLER SAFETY TRIGGER



4 pieces in one carton



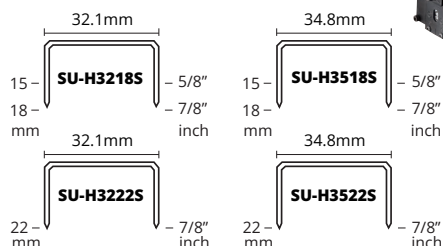
Item No.	Head Dia.	Gauge	Nail Length		Crown		Shank (Thickness/Width)		Load Capacity	Working Pressure	Weight	Air Inlet	
	mm		mm(inch)	mm	mm	mm	mm	mm				kg	Inch
SJ-1650T	2.8	16	20-50(3/4"-2")	---	---	1.4	1.60	100	90	2.35	1/4"		
SJ-1830F	1.9	18	10-30(3/8"-1-2/11")	---	---	1.0	1.2	100	90	1.2	1/4"		
SJ-1850F	---	18	20-50(3/4"-2")	---	---	1.0	1.2	100	90	1.4	1/4"		
SJ-TN64	7.5	13	(18-64)	---	---	2.5	2.50	80	90	2.35	1/4"		
SJ-BNF1664	2.8	16	(20-64)	---	---	1.4	1.60	100	90	2.35	1/4"		
SU-C422J	---	20	6-22(1/4"-7/8")	4	0.6x1.2	---	---	100	90	1.15	1/4"		
SU-C1022J	1.9	20	6-22(1/4"-7/8")	10	0.6x1.2	---	---	100	90	1.20	1/4"		
SU-8016	---	21	6-16(1/4"-5/8")	12.8	0.65x0.95	---	---	100	90	0.90	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	2.20	1/4"		

AIR NAILER & AIR STAPLER

SU-H3518S SU-H3522S SU-H3218S SU-H3222S

HAND CARTON STAPLER

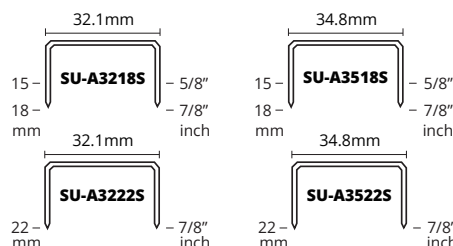
★★  5 pieces in one carton



SU-A3518S SU-A3522S SU-A3218S SU-A3222S

AIR CARTON STAPLER

★★  5 pieces in one carton

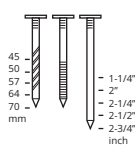


Item No.	Dimensions	Nail Length	Crown	Shank (Thickness/Width)		Load Capacity	Working Pressure	Weight
	mm 			mm	mm			
SU-A3518S	200x102x400	15 & 18	34.8	0.9	2.2	100	90	2.53
SU-A3522S	200x102x400	22	34.8	0.9	2.2	100	90	2.53
SU-A3218S	200x102x400	15 & 18	32.1	0.9	1.9	100	90	2.53
SU-A3222S	200x102x400	22	32.1	0.9	1.9	80	90	2.53
SU-H3518S	310x102x460	15 & 18	34.8	0.9	2.2	100	---	2.18
SU-H3522S	310x102x460	22	34.8	0.9	2.2	100	---	2.18
SU-H3218S	310x102x460	15 & 18	32.1	0.9	1.9	100	---	2.18
SU-H3222S	310x102x460	22	32.1	0.9	1.9	100	---	2.18

SJ-CN55

COIL NAILER SAFETY TRIGGER

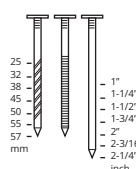
★★  4 pieces in one carton



SJ-CN57

57mm AIR COIL NAILER SAFETY TRIGGER

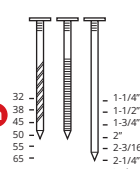
★★  4 pieces in one carton



SJ-CN65

65mm AIR COIL NAILER SAFETY TRIGGER

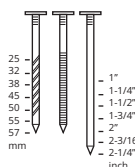
★★  4 pieces in one carton



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 					(HxWxL)mm 			
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/SG-500 AIR GREASE GUN



10 pieces in one carton



SG-401/SG-501 AIR GREASE GUN

Continuous type



10 pieces in one carton



SG-405 AIR GREASE GUN



10 pieces in one carton

• SG-400 + SG-902 400ml



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-911 360° SWIVEL GREASE COUPLER

- 1/8 x 27 Thread



SG-910 90° GREASE COUPLER

- 1/8 x 27 Thread



SG-910S 90° 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/cm ²	kgf/cm ²	C.C	LBS	kg	Inch	dBA	m/s ²	Inch
SG-400	2.8-8.4	10.5	400	3.2	1.46	3/8"	80.2	0.7	1/4"
SG-500	2.8-8.4	10.5	500	3.52	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	3.52	1.6	3/8"	74.0	2.0	1/4"
SG-501	2.8-8.4	10.5	500	3.74	1.7	3/8"	74.0	2.0	1/4"

AIR BLOW GUN

JC-202

AIR BLOW GUN

60 pieces in one carton



Extendable tube.
Revolvable nozzle.

JC-602

HIGH VOLUME AIR BLOW GUN

20 pieces in one carton

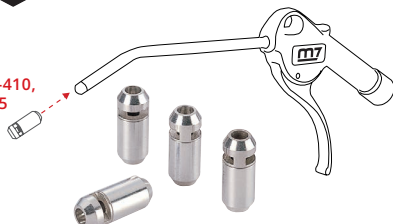


JC-491

STANDARD SAFETY TIP



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



JC-405/JC-410/JC412 JC-424/JC-435

AIR BLOW GUN



100 pieces in one carton

JC-405

50 pieces in one carton

JC-410/JC412/JC-424/JC-435



lathing (safe tenon)

JC-640/JC-641/JC-680

SUPER AIR BLOW GUN

30 pieces in one carton

- JC-640 / JC-641 40"
- JC-680 80"



JC-0424[SET]

AIR BLOW GUN

4 set in one carton

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



JC-0415[SET]

AIR BLOW GUN

4 set in one carton

- Contents JC-405 15PCS



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
JC-202	7"-12"	90-120(6.2-8.5)	220(15.1)	---	5.10(144)	0.38	0.17	3/8"	90.0	1/4"
JC-405	5"	75-120(5.3-8.5)	150(10.6)	13.0(368)	15.0(425)	0.24	0.11	3/8"	90.0	1/4"
JC-410	10"	75-120(5.3-8.5)	150(10.6)	13.0(368)	15.0(425)	0.26	0.12	3/8"	90.0	1/4"
JC-412	12"	75-120(5.3-8.5)	150(10.6)	13.0(368)	15.0(425)	0.28	0.13	3/8"	90.0	1/4"
JC-424	24"	75-120(5.3-8.5)	150(10.6)	13.0(368)	15.0(425)	0.31	0.14	3/8"	90.0	1/4"
JC-435	35"	75-120(5.3-8.5)	150(10.6)	13.0(368)	15.0(425)	0.55	0.25	3/8"	90.0	1/4"
JC-602	2"	90-120	230	13.0(368)	15.0(425)	0.44	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)	1.43	0.65	3/8"	90.0	1/4"
JC-641	40"	75-120(5.3-8.5)	150(10.6)	13.0(368)	15.0(425)	0.75	0.34	3/8"	90.0	1/4"
JC-680	80"	75-120(5.3-8.5)	150(10.6)	13.0(368)	15.0(425)	1.41	0.64	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-2210[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		Free 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	kg	Inch	dBA	m/s ²	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)	1.76	0.8	3/8"		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)	1.69	0.77	3/8"		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	Free 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/s ²	Inch
QA-651	1/4"(6)	18000	2.7(76)	90(6.3)	5"(127)	0.3	1.10	0.5	3/8"	74.0	0.3	1/4"

QB-0618[SET]

90° MINI SANDER 18 PCS SET



10 pieces in one carton

- 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 - Stripping Disc
- 1pc - Adaptor
- 1pc - Spanner
- 1pc - Oil



QB-625



Item No.	Pad Dia / Arbor Size	Free 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/s ²	Inch
QB-625	2" / 3"	15000	17.2	90(6.3)	7-1/8"(180)	0.6	1.3	0.61	3/8"	75	2.5	1/4"

AUTO REPAIR TOOL

IQE-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	Free 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/s ²	Inch
QE-323	1/4"(6.35)	1600	0.38	6-15/32"(164)	1.9(54)	90(6.3)	1.7	0.78	3/8"	74.0	1.2	1/4"

IQP-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



QE-212



IQP-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



QE-212



IQP-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 (Medium)
- 1pc - 3"Sponge (Rough)
- 1pc - 3"Wool Bonnet
- 1pc - 1/4" Plug
- 1pc - Spanner Wrench



QE-223



IQP-415

AIR ANGLE POLISHER



10 pieces in one carton



Item No.	Pad Dia	Spindle Size	Free 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/s ²	Inch
QP-212	2" or 3"	1/4"-20	18000	2.1(59)	90(6.3)	4-1/4"(107)	0.3	1.1	0.50	3/8"	73.0	0.9	1/4"
QP-213	3"(76)	5/16"-24	18000	2.1(59)	90(6.3)	4-5/8"(117)	0.3	1.1	0.50	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	1.14	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	Free 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/s ²	Inch
RA-505	1/4"(6.35)	5-45(6-61)	11000	6-5/16"(161)	1.8(51)	90(6.3)	1.54	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/QT-113

AIR TYRE BUFFER/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/QT-303

AIR TYRE BUFFER/QUICK CHANGE CHUCK



20 pieces in one carton

2pcs Planet Gear with bearing

Stylized grip



Item No.	Chuck Size	Collet Size	Free 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/s ²	Inch
QT-102	---	1/4"(6)	7500	3.0(85)	90(6.3)	5-1/2"(140)	0.3	0.9	0.41	3/8"	77.0	1.3	1/4"
QT-103	---	1/4"(6)	7500	3.0(85)	90(6.3)	5-1/2"(140)	0.3	0.9	0.41	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	1.76	0.80	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	1.76	0.80	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	1.72	0.78	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	1.98	0.90	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	1.74	0.79	3/8"	85.0	1.6	1/4"

SK-1010

AIR CAULKING GUN

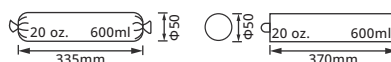
10 pieces in one carton



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)	2.66	1.21	3/8"	1/4"

AUTO REPAIR TOOL

QB-0808 QB-0808U

For USA

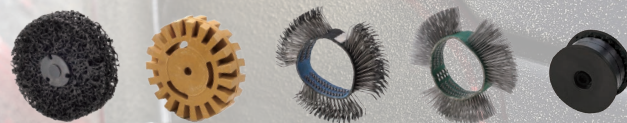
AIR SURFACE-CLEANING TOOL



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 M6x1.0



QB-9415

QB-9414
QB-9414U For USA

QB-9411

QB-9412

QB-9400

QB-802 QB-802U

For USA

AIR SURFACE-CLEANING TOOL



10 pieces in one carton



QB-802T QB-802TU

For USA

AIR ERASER



10 pieces in one carton



QB-812 QB-812U

For USA

AIR ERASER



10 pieces in one carton



QB-812T QB-812TU

For USA

AIR ERASER



10 pieces in one carton



Item No.	Spindle Size	Free 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/s ²	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	3.08	1.40	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	1.67	0.76	3/8"	85.0	1.2	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 repaired.
- Three sizes of suction cups can be used 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
SM-111R	3",4.5",6"(78,115,155)	Rear	90-100	90(6.3)	44-1/8"(1120)	8.5(240)	6.0	2.75	3.5	1.6

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)	7.15	3.25	3/8"	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

SB-2131

TYRE INFLATOR

20 pieces in one carton



SB-4031

SB-4151

TYRE INFLATOR

20 pieces in one carton

- Dial face size : Ø3.5"
- SB-4031 : Short piping
- SB-4151 : 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	
SB-201	160(11.0)	30	1.41	90(6.3)	0.70	0.32	3/8"	1/4"	Tyre valve clip
SB-215	160(11.0)	150	1.41	90(6.3)	0.88	0.40	3/8"	1/4"	Tyre valve clip
SB-3030	200(14.0)	30	1.41	90(6.3)	1.08	0.49	3/8"	1/4"	Tyre valve clip
SB-3038	200(14.0)	100	1.41	90(6.3)	1.49	0.68	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)	1.21	0.55	3/8"	1/4"	Tyre valve clip
SB-423	220(15.0)	100	1.41	90(6.3)	2.92	1.33	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)	1.32	0.6	3/8"	1/4"	One touch clip
SB-2131	160(11.0)	150	1.41	90(6.3)	1.43	0.65	3/8"	1/4"	One touch clip
SB-4031	160(11.0)	30	1.41	90(6.3)	1.32	0.6	3/8"	1/4"	One touch clip
SB-4151	160(11.0)	150	1.41	90(6.3)	1.43	0.65	3/8"	1/4"	One touch clip
SB-501	160(11.0)	30	1.41	90(6.3)	2.92	1.33	3/8"	1/4"	Dual chuck

AUTO REPAIR TOOL

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	4.12	1.86	3.0	1/4"
SM-0813	70-170	6.80	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

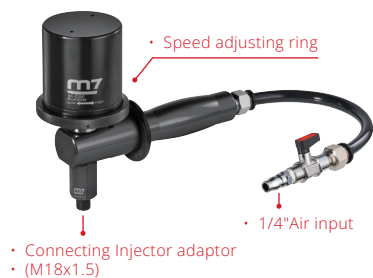
- 1pc - Air Powered Brake Caliper Wind Back Tool
- 16pcs - Disk



NEW PRODUCT

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"

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

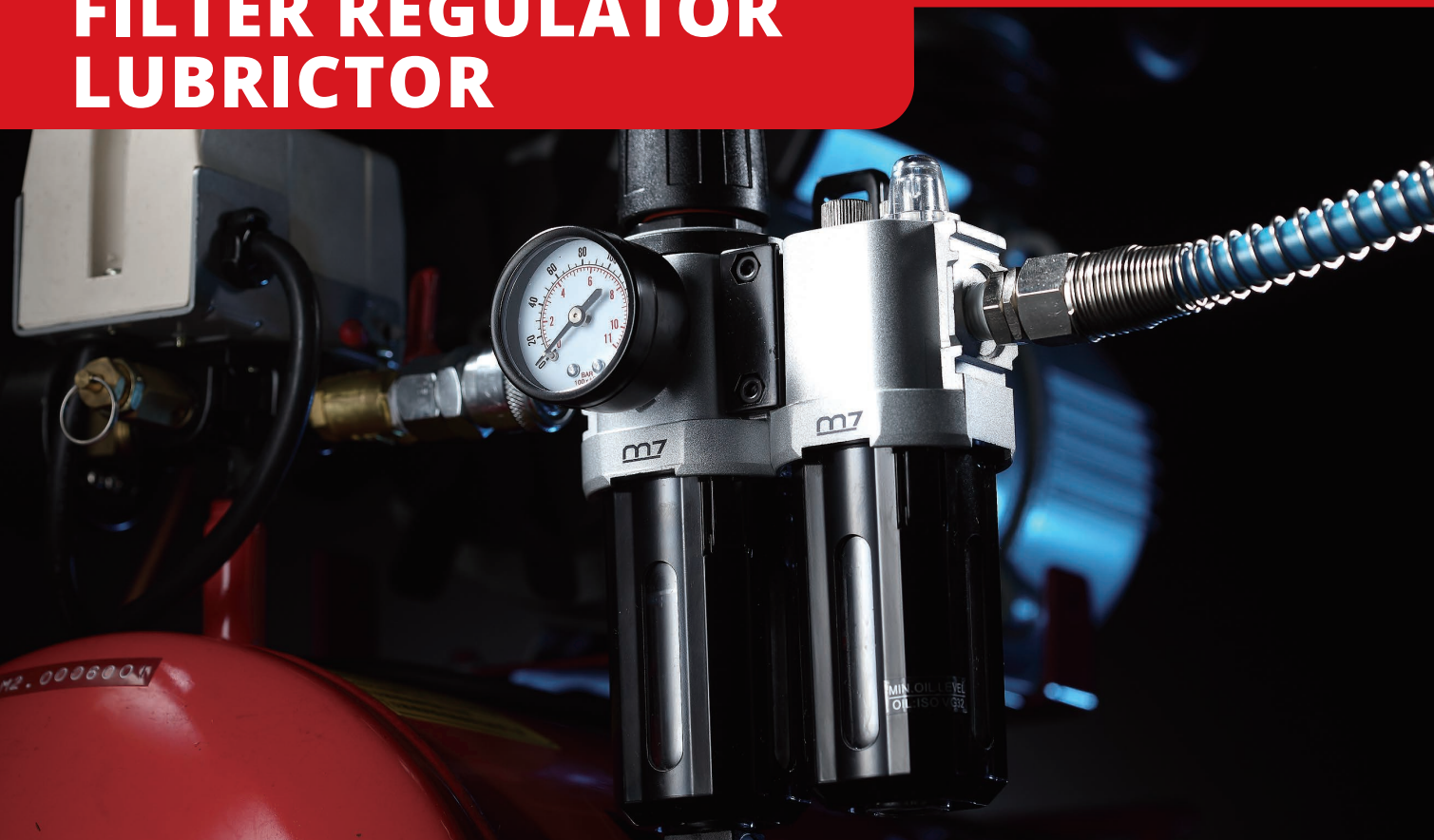


10 pieces in one carton



Item No.	Cup Capacity	Free 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)	1.43	0.65	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)	0.44	0.19	3/8"	---	1/4"
SX-2101	1.0	5500	8-7/32"x4-5/16"(210x110)	2.0(56.6)	90(6.3)	1.71	0.78	3/8"	85.0	1/4"
SX-3101	1.0	---	11"(280)	4.3(121.8)	90(6.3)	1.26	0.57	3/8"	85.0	1/4"
SX-3102	0.7	---	10-1/8"(260)	4.0(113.3)	90(6.3)	0.77	0.35	3/8"	85.0	1/4"
SX-3103	---	---	122"(3100)	3.5(99.1)	90(6.3)	2.31	10.5	3/8"	80.0	1/4"
SX-3111	1.0	---	10-1/8"(260)	3.0(84.9)	90(6.3)	0.97	0.44	3/8"	85.0	1/4"
SX-3112	---	---	10-1/8"(260)	3.0(84.9)	90(6.3)	0.48	0.22	3/8"	85.0	1/4"
SX-3202	1.0	---	20-13/16"(530)	1.0(56.6)	90(6.3)	1.04	0.47	3/8"	65.0	1/4"
SX-3203	1.0	---	18-1/2"(470)	1.0(56.6)	90(6.3)	1.17	0.53	3/8"	65.0	1/4"
SX-3301	1.0	---	11-13/16"(300)	10(300)	90(6.3)	1.52	0.69	1/4"	85.0	1/4"
SX-4101	0.6	---	7-3/4"(197)	8.0(226.5)	90(6.3)	0.8	0.36	3/8"	82.0	1/4"

FILTER REGULATOR LUBRICTOR



SV-1240
FILTER, REGULATOR



SV-2220
FILTER, REGULATOR,
LUBRICTOR



**SV-1260
SV-1360**
FILTER, REGULATOR



**SV-2260/SV-2280
SV-2360/SV-2380**
FILTER, REGULATOR, LUBRICTOR



SV-1460
FILTER, REGULATOR



**SV-1660
SV-1860**
FILTER, REGULATOR



SV-2431
FILTER, REGULATOR,
LUBRICTOR



FILTER REGULATOR LUBRICTOR

FILTER REGULATOR LUBRICATOR

SV-2460 FILTER, REGULATOR, LUBRICATOR



SV-2660 SV-2860 FILTER, REGULATOR, LUBRICATOR



SV-3260 SV-3360 FILTER, REGULATOR, LUBRICATOR



SV-3460 FILTER, REGULATOR, LUBRICATOR



SV-3660/SV-3860 FILTER, REGULATOR, LUBRICATOR



SV-3660



SV-3860

SW-12(1/4")/SW-13(3/8") MINI LUBRICATOR



SW-12



SW-13

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/SV-2360	1/4" / 3/8"	215	70-150	1750 / 2500	5-60°	80	150	5μ
SV-2280/SV-2380	1/4" / 3/8"	250	70-140	1750 / 2500	5-60°	80	150	5μ
SV-2431	1/2"	285	70-140	3400	5-60°	80	200	5μ
SV-2460	1/2"	250	7-215	4000	5-60°	80	150	5μ
SV-2660/SV-2860	3/4" / 1"	250	225	4600 / 5200	5-60°	300	300	5μ
SV-3260/SV-3360	1/4" / 3/8"	215	70-150	1750 / 2500	5-60°	80	150	5μ
SV-3460	1/2"	250	7-215	4000	5-60°	80	150	5μ
SV-3660/SV-3860	3/4" / 1"	250	225	4600 / 5200	5-60°	300	350	5μ

AIR HOSE REEL

SA-2015

AIR HOSE REEL
Case Material : Steel

2 pieces in one carton



SA-3215 SA-3315

AIR HOSE REEL
Case Material : Shock-Proof Plastic

2 pieces in one carton



SA-4320

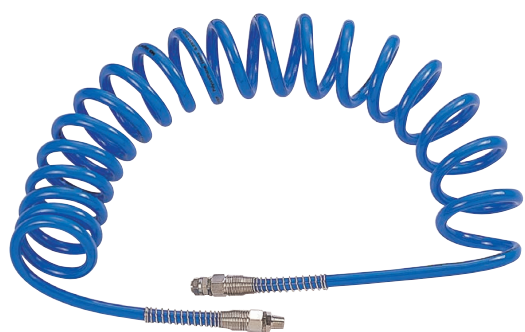
AIR HOSE REEL

1 pieces in one carton



SD-23/SD-24

POLYURETHANE RECOIL AIR-HOSE



SD-22

8 x 12 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
SA-4320	10.0	18.0	20	90(6.3)	300(20.7)	3/8"	24.0
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

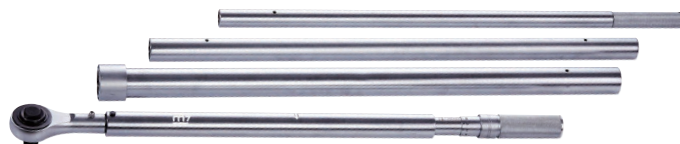


2 pieces in one carton

1 pieces in one carton

TE-81N/TE-82N

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 $\pm 5\%$
- Supplied with 2 reaction bar styles



★★ TM-0428-1 TM-0428-2 TORQUE MULTIPLIER

1 pieces in one carton

- Multiplication deviation less than $\pm 5\%$
- 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 $\pm 5\%$.
- 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	6.48
TM-0418	1/2"	1"	1100(1500)	5:1	14.2	6.48
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	6.48

★★ 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



★★ 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



24 pieces in one carton

12 pieces in one carton

TE-205025N/TE-225250N
TE-305025N

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



☆☆ 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



☆☆ 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



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	0.41
TW-310552	3/8"	24	5-50	3.5-37	---	Magnifying glass	Back Turning	28.0	28	333	0.47
TW-411102	1/2"	32	10-100	8-75	---	Magnifying glass	Back Turning	40.5	40	400	0.82
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	0.59
TE-225250N	1/4"	24	2.8-28.2	---	25-250	Engraved	Rotating	32	31.8	275	0.59
TE-305025N	3/8"	24	5-25	---	53.1-212.4	Engraved	Rotating	32	31.8	370	0.83
TE-320110N	3/8"	24	20-110	14.8-81.1	---	Engraved	Rotating	32	31.8	370	0.83
TE-442210N	1/2"	24	42-210	30.6-155	---	Engraved	Rotating	46.3	33	450	1.32
TE-428210N	1/2"	24	28-210	20.7-154.9	---	Engraved	Rotating	46.3	33	570	1.65
TE-450350N	1/2"	24	50-350	36.9-258.1	---	Engraved	Rotating	46.3	33	450	1.31
TB-205025N	1/4"	24	5-25	---	53.1-212.4	Engraved	Rotating	32	31.8	281	0.53
TB-305025N	3/8"	24	5-25	---	53.1-212.4	Engraved	Rotating	32	31.8	361	0.77
TB-320110N	3/8"	24	20-110	18.5-77.5	---	Engraved	Rotating	32	31.8	361	0.77
TB-420210N	1/2"	24	20-210	18.4-151.2	---	Engraved	Rotating	40.5	40	461	1.25
TB-450350N	1/2"	24	50-350	48.0-247.2	---	Engraved	Rotating	40.5	40	553	1.59
TB-610060N	3/4"	24	100-600	92.0-424	---	Engraved	Back Turning	63	58	1010	4.73
TB-615080N	3/4"	24	150-800	129-572	---	Engraved	Rotating	63	58	1010	2.41
TB-620100N	3/4"	24	200-1000	166-719	---	Engraved	Back Turning	63	58	1200	5.99
TD-202025	1/4"	72	2-25	1.5-1.8	---	Magnifying glass	Back Turning	40.5	40	298	0.41
TD-305050	3/8"	72	5-50	3.5-37	---	Magnifying glass	Back Turning	40.5	40	363	0.47
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	1.28
TD-610060	3/4"	72	100-600	75-440	---	Magnifying glass	Back Turning	40.5	40	1040	4.65
TW-611602	3/4"	24	100-600	75-440	---	Magnifying glass	Back Turning	63	58.5	1040	4.65
TW-611802	3/4"	24	150-800	110-590	---	Magnifying glass	Back Turning	63	58.5	1240	5.45
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 $\pm 15^\circ$ 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 $\pm 15^\circ$ flex. head.



Open the hinge cover, adjust setting by knob.

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	1.94
TS-320100N	3/8"	32	20-100	Engraved	Flexible	35.2	27.8	476	0.95
TS-440250N	1/2"	32	40-250	Engraved	Flexible	44.1	36.1	590	1.7

DIGITAL TORQUE WRENCH

★★ **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/GTF-434340**

1/2" DIGITAL FLEXIBLE TORQUE WRENCH

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

4 pieces in one carton



★★ **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/GTA-410200**

1/2" DIGITAL ANGLE TORQUE WRENCH

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

6 pieces in one carton

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/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



★★ **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



DIGITAL TORQUE WRENCH

★★ **GTB-410200/GTB-417340**

1/2" DIGITAL FLEXIBLE TORQUE WRENCH Accuracy : clockwise +/- 2% counterclockwise +/- 3%

4 pieces in one carton



★★ **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 INTERCHANGABLE TORQUE WRENCH Accuracy : clockwise +/- 3% counterclockwise +/- 4%



Item No.	Drive	Gear	Torque Range		Indicator	Torque Adjusting	D	H	L	Weight
	Inch	T	Nm	FT-LB	LCD		mm	mm	mm	kg
										
GTF-203030	1/4"	72	3-30	2.2-22.13	LCD	Digital	38	38	446	0.74
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	25-250.8	LCD	Digital	38	41	670	1.44
GTA-201030	1/4"	72	1.5-30	1.11-22.13	LCD	Digital	38	38	410	0.71
GTA-306135	3/8"	72	6.8-135	5.0-99.6	LCD	Digital	38	38	432	0.84
GTA-406135	1/2"	72	6.8-135	5.0-99.6	LCD	Digital	38	41	296	0.41
GTA-410200	1/2"	72	10-200	7.4-147.5	LCD	Digital	38	41	566	1.2
GTA-417340	1/2"	72	17-340	12.5-250.8	LCD	Digital	38	41	622	1.4
GTA-606060	3/4"	24	60-600	44.3-442.5	LCD	Digital	63	58	943	3.8
GTA-610100	3/4"	24	100-1000	73.8-737.6	LCD	Digital	63	58	1235	4.6
GTA-810100	1"	24	100-1000	73.8-737.6	LCD	Digital	69.3	70	1235	4.9
GTB-201030	1/4"	72	3-30	2.22-22.13	LCD	Digital	38	38	413	0.74
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	14.8-174.5	LCD	Digital	38	41	572	1.3
GTB-417340	1/2"	72	34-340	25-250	LCD	Digital	38	41	670	1.4
GMS-203006	1/4"	72	0.3-6	---	LCD	Digital	27	27	243	0.19
GMS-207015	1/4"	72	0.75-15	---	LCD	Digital	27	27	243	0.19
GMS-212025	1/4"	72	1.25-25	---	LCD	Digital	27	27	243	0.19
GMD-205050	1/4"(BIT)	72	0.05-0.5	---	LCD	Digital	28	28	234	0.18
GMD-210200	1/4"(BIT)	72	0.1-2	---	LCD	Digital	28	28	234	0.18
GMD-220400	1/4"(BIT)	72	0.2-4	---	LCD	Digital	28	28	234	0.18
GMI-206006	1/4"	72	0.6-6	---	LCD	Digital	27	27	243	2.5
GMI-215015	1/4"	72	1.5-15	---	LCD	Digital	27	27	243	2.5
GMI-225025	1/4"	72	2.5-25	---	LCD	Digital	27	27	243	2.5

★★ 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/GTW-410200

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

6 pieces in one carton

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/GTW-810100

3/4" / 1" DIGITAL TORQUE WRENCH Accuracy : clockwise +/- 1.5% counterclockwise +/- 2.5%

1 pieces in one carton



★★ 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



NEW PRODUCT

★★ 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	LCD		mm	mm	mm	kg
GTW-201030	1/4"	72	1.5-30	1.11-22.13	LCD	Digital	38	38	410	0.71
GTW-306135	3/8"	72	6.8-135	5.0-99.6	LCD	Digital	38	38	432	0.84
GTW-406135	1/2"	72	6.8-135	5.0-99.6	LCD	Digital	38	41	455	1.07
GTW-410200	1/2"	72	10-200	20.7-154.9	LCD	Digital	38	41	566	1.2
GTW-417340	1/2"	72	17-340	12.5-250.8	LCD	Digital	38	41	662	1.4
GTW-606060	3/4"	24	60-600	44.3-442.5	LCD	Digital	63	58	943	3.8
GTW-610100	3/4"	24	100-1000	73.8-737.6	LCD	Digital	63	58	1235	4.6
GTW-810100	1"	24	100-1000	73.8-737.6	LCD	Digital	69.5	70	1235	4.9
GTW-930	3/8"	---	6.8-135	5.0-99.6	LCD	Digital	42.5	40.3	57.6	0.77
GTW-940	1/2"	---	10-200	7.4-147.5	LCD	Digital	42.5	40.3	57.6	0.77
GTW-941	1/2"	---	17-340	12.5-250.8	LCD	Digital	42.5	40.3	57.6	0.77
GTA-930	3/8"	---	6.8-135	5.0-99.6	LCD	Digital	42.5	40.3	57.6	0.77
GTA-940	1/2"	---	10-200	7.4-147.5	LCD	Digital	42.5	40.3	57.6	0.77
GTA-941	1/2"	---	17-340	12.5-250.8	LCD	Digital	42.5	40.3	57.6	0.77

IMPACT SOCKET

MA4550M50

TWIST SOCKET SET

5PCS 1/2" Drive (50mm Length)

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

20 pieces in one carton



MB34012S

IMPACT SOCKET SET

12pcs 3/8" Drive Inch Size

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

12 pieces in one carton



MB34013M

IMPACT SOCKET SET

13pcs 3/8" Drive Metric Size

- Contents : 6mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm

12 pieces in one carton



MB35012S

IMPACT SOCKET SET

12pcs 3/8" Drive Inch Size Deep

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

8 pieces in one carton



MB35013M

DEEP IMPACT SOCKET SET

13pcs 3/8" Drive Metric Size

- Contents : 6mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm

8 pieces in one carton



MB43015M

DEEP IMPACT SOCKET SET

15pcs 1/2" Drive Metric Size

- Contents : 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 19mm, 21mm, 22mm, 24mm, 27mm, 30mm, 32mm

6 pieces in one carton



MB44008M

IMPACT HEX DRIVE SET

8pcs 1/2" Drive Metric Size SAE (Length 78mm)

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

12 pieces in one carton



MB44008S

IMPACT HEX DRIVE SET

8pcs 1/2" Drive Inch Size SAE (Length 78mm)

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

12 pieces in one carton



MB44013S

IMPACT SOCKET SET

13pcs 1/2" Drive Inch Size

- 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"

6 pieces in one carton



MB44014M

IMPACT SOCKET SET

14pcs 1/2" Drive Metric Size

- Contents : 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 21mm, 22mm, 26mm, 27mm

8 pieces in one carton



MB45010M

DEEP IMPACT SOCKET SET

10pcs 1/2" Drive Metric Size

- Contents : 10mm, 12mm, 13mm, 14mm, 15mm, 17mm, 19mm, 21mm, 24mm, 27mm

6 pieces in one carton



MB45013S

DEEP IMPACT SOCKET SET

13pcs 1/2" Drive Inch Size

- 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"

4 pieces in one carton



MB45014M

DEEP IMPACT SOCKET SET

14pcs 1/2" Drive Metric Size

- Contents : 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 21mm, 22mm, 26mm, 27mm

4 pieces in one carton



MB46008R

STAR BIT SOCKET SET

8pcs 1/2" Drive

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

10 pieces in one carton



MB46010R

STAR BIT SOCKET SET

10pcs 1/2" Drive

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

8 pieces in one carton



MB64008M

IMPACT SOCKET SET

8pcs 3/4" Drive Metric Size

- Contents : 26mm, 27mm, 29mm, 30mm, 32mm, 33mm, 35mm, 36mm

4 pieces in one carton



MB64008M1

IMPACT SOCKET SET

8PCS 3/4" Drive

- Contents : 21mm, 23mm, 24mm, 27mm, 30mm, 32mm, 36mm, 41mm

6 pieces in one carton



MB64008S

IMPACT SOCKET SET

8pcs 3/4" Drive Inch Size

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

4 pieces in one carton



MB64008SP

IMPACT SOCKET SET

8pcs 3/4" Drive Inch Size

- Contents : 3/4", 7/8", 15/16", 1-1/16", 1-3/16", 1-1/4", 1-7/16", 1-1/2"

4 pieces in one carton



MB65008M

DEEP IMPACT SOCKET SET

8pcs 3/4" Drive Metric Size

- Contents : 26mm, 27mm, 29mm, 30mm, 32mm, 33mm, 35mm, 36mm

4 pieces in one carton



MB65008M1

DEEP IMPACT SOCKET SET

8pcs 3/4" Drive Metric Size

- Contents : 21mm, 23mm, 24mm, 27mm, 30mm, 32mm, 36mm, 41mm

4 pieces in one carton



MB65008S

DEEP IMPACT SOCKET SET

8pcs 3/4" Drive Inch Size

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

2 pieces in one carton



MB65008S1

DEEP IMPACT SOCKET SET

8pcs 3/4" Drive Inch Size

- Contents : 3/4", 7/8", 15/16", 1", 1-1/16", 1-1/18", 1-3/16", 1-1/4"

2 pieces in one carton



MB66006S

MB66006M

IMPACT HEX DRIVE SET

6pcs 3/4" SAE 100mm Length

- Contents :
 - S : 1/2", 9/16", 5/8", 3/4", 7/8", 1"
 - M : H12, H14, H17, H19, H22, H24

5 pieces in one carton



IMPACT SOCKET

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



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.



MA42006M IMPACT SOCKET SET

1/2" Drive Stubby Metric Size

24 pieces in one carton



MA42006S IMPACT SOCKET SET

1/2" Drive Stubby Metric Size

24 pieces in one carton



MA42015M IMPACT SOCKET SET

15pcs 1/2" Drive Stubby Metric Size

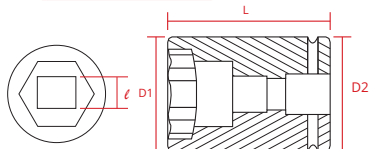
12 pieces in one carton



MA8050 WHEEL IMPACT SOCKET SET

5pcs 1" Drive Combination Budd

4 pieces in one carton



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



MA4031M85 DEEP THIN WALL IMPACT SOCKET SET

3pcs 1/2" Drive

20 pieces in one carton



**STRENGTHEN/
STEEL
SLEEVE**



• 3PCS 17mm, 19mm, 21mm

M7 NO.	Ø	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

M7 NO.	Ø	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

M7 NO.	Ø	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

M7 NO.	Ø	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

MB42011M

STD IMPACT SOCKET SET

11pcs 1/2" Drive Metric size

- Contents : 10mm, 11mm, 13mm, 17mm, 19mm, 22mm, 24mm, 27mm, 29mm, 30mm, 32mm

6 pieces in one carton



MA42011S

STD IMPACT SOCKET SET

11pcs 1/2" Drive

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

10 pieces in one carton



NEW PRODUCT

MB47010M

IMPACT HEX BALL BIT SOCKET SET

10pcs 1/2" Drive

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

8 pieces in one carton



MB61008M

IMPACT SOCKET SET

8pcs 3/4" Drive

- Contents : M21, M22, M23, M24, M27, M30, M32, M36, M41

4 pieces in one carton



MB61016M

STD IMPACT SOCKET SET

16pcs 3/4" Drive

- Contents : M19, M21, M22, M24, M27, M28, M29, M30, M32, M33, M35, M36, M38, M41, M46, M50

2 pieces in one carton



MB63008S

IMPACT SOCKET SET

8pcs 3/4" Drive Inch Size

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

3 pieces in one carton



MB63008M

DEEP IMPACT SOCKET SET

8pcs 3/4" Drive

- Contents : M21, M22, M24, M27, M30, M32, M36, M41

3 pieces in one carton



MB67006M

IMPACT HEX BALL BIT SOCKET SET

6pcs 3/4" Drive

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

6 pieces in one carton



MB81009M

STD SOCKET SET

9pcs 1" Drive

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

2 pieces in one carton



MB85008M

DEEP SOCKET SET

8pcs 1" Drive

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

2 pieces in one carton



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.	Ø	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

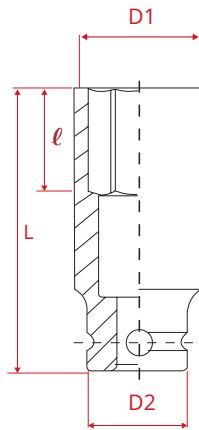


M7 NO.	Ø	D1	D2	ℓ	L	⚖	📦
	inch	mm	mm	mm	mm	g	
MA211S06	3/16"	8.4	13.0	6	23	15	50
MA211S07	7/32"	9.4	13.0	6	23	16	50
MA211S08	1/4"	10.3	13.0	8	23	15	50
MA211S09	9/32"	11.3	13.0	8	23	15	50
MA211S10	5/16"	12.3	13.0	8	23	14	50
MA211S11	11/32"	13.8	13.0	8	23	14	50
MA211S12	3/8"	14.5	13.0	8	23	15	50
MA211S14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

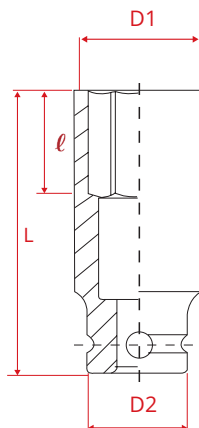


M7 NO.	⌀	D1	D2	ℓ	L	⚖	📦
	mm	mm	mm	mm	mm	g	
MA231M04	4	7.5	13.0	7	50	28	50
MA231M05	5	8.7	13.0	9	50	29	50
MA231M06	6	9.9	13.0	11	50	31	50
MA231M07	7	11.1	13.0	11	50	31	50
MA231M08	8	12.3	13.0	13	50	31	50
MA231M09	9	13.8	13.0	13	50	37	50
MA231M10	10	14.5	13.0	13	50	37	50
MA231M11	11	16.0	13.0	13	50	41	50
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

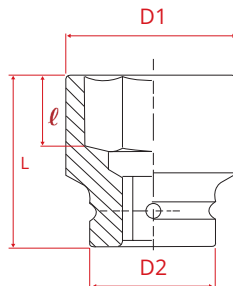


M7 NO.	⌀	D1	D2	ℓ	L	⚖	📦
	inch	mm	mm	mm	mm	g	
MA231S06	3/16"	8.4	13.0	9	50	29	50
MA231S07	7/32"	9.4	13.0	9	50	30	50
MA231S08	1/4"	10.3	13.0	11	50	31	50
MA231S09	9/32"	11.3	13.0	11	50	32	50
MA231S10	5/16"	12.3	13.0	13	50	32	50
MA231S11	11/32"	13.8	13.0	13	50	37	50
MA231S12	3/8"	14.5	13.0	13	50	41	50
MA231S14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

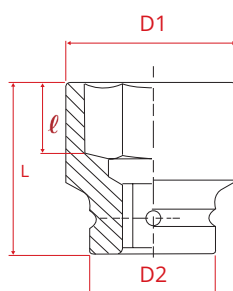


M7 NO.	⌀	D1	D2	ℓ	L	⚖	📦
	mm	mm	mm	mm	mm	g	
MA311M06	6	10.0	19.0	9	29.5	31	50
MA311M07	7	11.4	19.0	9	29.5	31	50
MA311M08	8	12.7	19.0	9	29.5	31	50
MA311M09	9	14.0	19.0	10	29.5	33	50
MA311M10	10	15.2	19.0	10	29.5	33	50
MA311M11	11	17.0	19.0	11	29.5	34	50
MA311M12	12	18.0	19.0	11	29.5	35	50
MA311M13	13	19.0	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



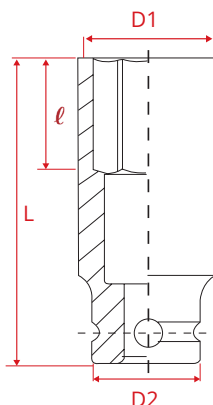
M7 NO.	⌀	D1	D2	ℓ	L	⚖	📦
	inch	mm	mm	mm	mm	g	
MA311S10	5/16"	12.6	19.0	9.0	29.5	31	50
MA311S12	3/8"	14.6	19.0	10.0	29.5	33	50
MA311S14	7/16"	17.1	19.0	11.0	29.5	33	50
MA311S16	1/2"	19.0	19.0	11.0	29.5	37	50
MA311S18	9/16"	20.0	19.0	11.0	29.5	39	50
MA311S20	5/8"	23.5	22.0	13.0	30.0	54	50
MA311S22	11/16"	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

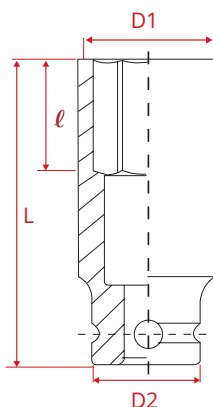


M7 NO.	Ø	D1	D2	l	L	g	
MA331M06	6	10.1	19.0	14	63	73	50
MA331M07	7	11.4	19.0	14	63	73	50
MA331M08	8	12.7	19.0	14	63	73	50
MA331M09	9	14.0	19.0	14	63	75	50
MA331M10	10	15.2	19.0	20	63	76	50
MA331M11	11	17.0	19.0	20	63	81	50
MA331M12	12	18.0	19.0	22	63	78	50
MA331M13	13	19.0	19.0	24	63	86	50
MA331M14	14	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

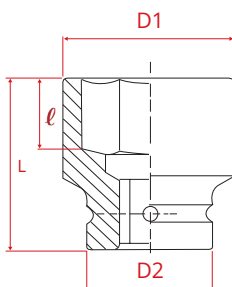


M7 NO.	Ø	D1	D2	l	L	g	
MA331S08	1/4"	10.5	19.0	4.0	28.5	35	50
MA331S10	5/16"	12.6	19.0	14	63	73	50
MA331S12	3/8"	14.6	19.0	20	63	76	50
MA331S14	7/16"	17.1	19.0	20	63	81	50
MA331S16	1/2"	19.0	19.0	24	63	83	50
MA331S18	9/16"	20.0	19.0	26	63	87	50
MA331S20	5/8"	23.5	22.0	26	63	111	50
MA331S22	11/16"	25.0	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

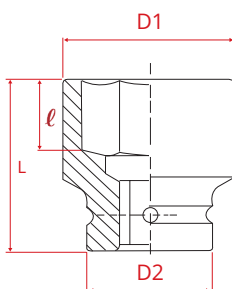


M7 NO.	Ø	D1	D2	l	L	g	
MA401M09	9	18	25	5	28	48	100
MA401M10	10	18	25	5	28	50	100
MA401M11	11	18	25	5	28	50	100
MA401M12	12	19	25	5	28	50	100
MA401M13	13	20	25	5	28	52	100
MA401M14	14	22	25	5	28	53	100
MA401M15	15	23	25	5	28	55	100
MA401M16	16	25	25	8	28	62	100
MA401M17	17	26	26	8	28	67	100
MA401M18	18	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

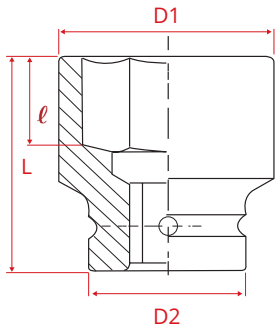


M7 NO.	Ø	D1	D2	l	L	g	
MA401S10	5/16"	14.5	25	5	28	46	100
MA401S12	3/8"	16	25	5	28	47	100
MA401S14	7/16"	18	25	5	28	50	100
MA401S16	1/2"	20	25	5	28	51	100
MA401S18	9/16"	22	25	5	28	54	100
MA401S20	5/8"	25	25	8	28	61	100
MA401S26	13/16"	30	30	9	28	88	100
MA401S28	7/8"	32	30	9	28	95	100
MA401S30	15/16"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

1/2"MA411M

IMPACT STANDARD SOCKET

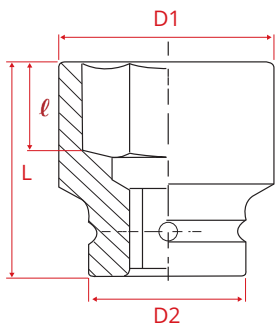
- 1/2" Drive Standard Length
- 6 Points
- Metric Size



1/2"MA411S

IMPACT STANDARD SOCKET

- 1/2" Drive Standard Length
- 6 Points
- Inch 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	40.0	30.0	19	46	159	20
MA411M28	28	38.0	40.0	16	46	270	20
MA411M29	29	38.0	40.0	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	35.0	22	46	290	20
MA411M34	34	45.9	35.0	22	46	330	20
MA411M35	35	49.9	35.0	22	50	357	20
MA411M36	36	49.9	35.0	22	50	376	20
MA411M37	37	50.9	35.0	25	50	380	20
MA411M38	38	51.9	35.0	25	50	390	20

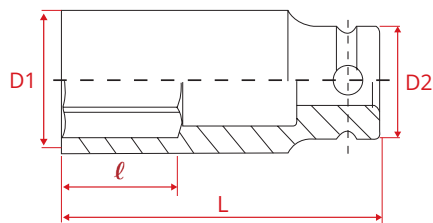
M7 NO.	⌀	D1	D2	ℓ	L	⚖	📦
	inch	mm	mm	mm	mm	g	
MA411S08	1/4"	12.5	25.0	8	38	70	40
MA411S10	5/16"	14.5	25.0	8	38	70	40
MA411S12	3/8"	16.0	25.0	8	38	70	40
MA411S14	7/16"	18.0	25.0	9	38	72	40
MA411S16	1/2"	20.0	25.0	11	38	74	40
MA411S18	9/16"	22.0	25.0	11	38	76	40
MA411S20	5/8"	24.9	25.0	12	38	81	40
MA411S22	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	35.0	21	43	301	20
MA411S44	1-3/8"	48.0	35.0	21	43	338	20
MA411S46	1-7/16"	50.0	44.0	21	43	357	20
MA411S48	1-1/2"	52.0	44.0	23.5	43	376	20

IMPACT SOCKET

1/2" MA431M

IMPACT DEEP SOCKET

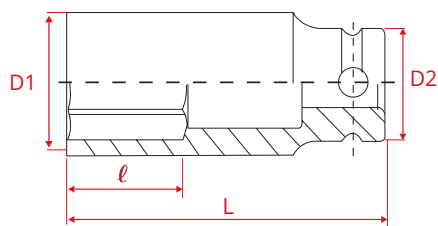
- 1/2" Drive Deep Length
- 6 Points
- Metric Size



1/2" MA431S

IMPACT DEEP SOCKET

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



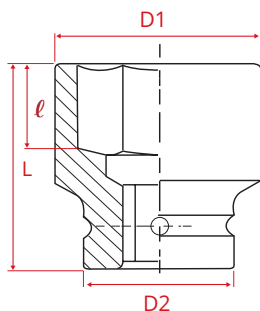
M7 NO.	Ø	D1	D2	l	L	⚖️	📦
	mm	mm	mm	mm	mm	g	
MA431M06	6	12.0	25.0	10	82	168	50
MA431M07	7	13.0	25.0	10	82	168	50
MA431M08	8	14.5	25.0	13	82	168	50
MA431M09	9	15.6	25.0	15	82	168	50
MA431M10	10	16.7	25.0	15	82	168	50
MA431M11	11	18.0	25.0	15	82	169	50
MA431M12	12	19.0	25.0	15	82	170	50
MA431M13	13	20.2	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	35.0	26	90	480	20
MA431M32	32	43.9	35.0	26	90	497	20
MA431M33	33	45.9	35.0	38	90	590	20
MA431M34	34	45.9	35.0	38	90	554	20
MA431M35	35	49.9	40.0	38	93	690	20
MA431M36	36	49.9	40.0	38	93	670	20

M7 NO.	Ø	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	35.0	34	90	565	20
MA431S44	1-3/8"	47.9	35.0	34	90	595	20
MA431S46	1-7/16"	49.9	44.0	34	90	699	20
MA431S48	1-1/2"	51.8	44.0	34	90	744	20

3/4"MA611S

IMPACT STANDARD SOCKET

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

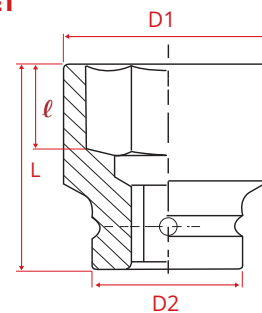


M7 NO.	⌀	D1	D2	ℓ	L	⚖	📦
	inch	mm	mm	mm	mm	g	
MA611S16	1/2"	22	38	6.3	50	380	50
MA611S18	9/16"	25.5	38	6.3	50	380	50
MA611S20	5/8"	27.5	38	7.1	50	380	50
MA611S22	11/16"	29	38	8.1	50	390	50
MA611S24	3/4"	30.2	38	9	52	390	50
MA611S26	13/16"	32	38	10.6	52	400	50
MA611S28	7/8"	34	38	12.2	52	440	50
MA611S30	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

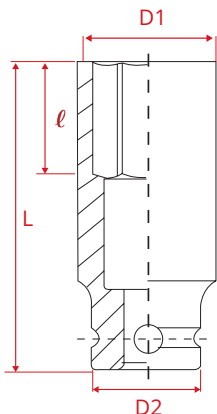


M7 NO.	⌀	D1	D2	ℓ	L	⚖	📦
	mm	mm	mm	mm	mm	g	
MA611M13	13	22	38	7	50	210	50
MA611M14	14	25.5	38	7	50	210	50
MA611M15	15	26	38	7	50	220	50
MA611M16	16	27.5	38	7	50	220	50
MA611M17	17	28.5	38	9.6	50	230	50
MA611M18	18	29.5	38	10.2	52	230	50
MA611M19	19	30	38	11.1	52	230	50
MA611M20	20	31	38	11.5	52	240	50
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

IMPACT SOCKET

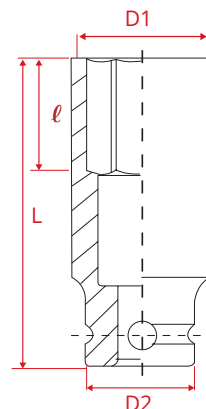
3/4" MA631S IMPACT DEEP SOCKET

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



3/4" MA631M IMPACT DEEP SOCKET

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



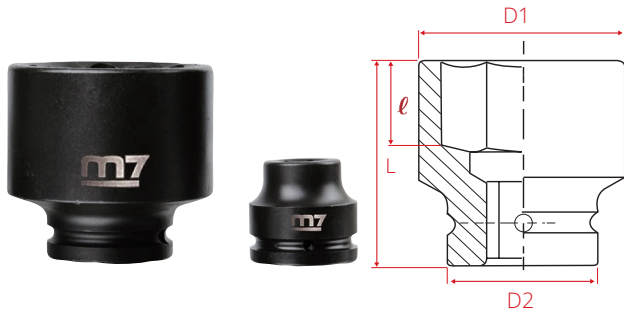
M7 NO.	⌀	D1	D2	ℓ	L	⚖	📦
	inch	mm	mm	mm	mm	g	
MA631S16	1/2"	22	38	12	90	380	25
MA631S18	9/16"	25.5	38	12	90	380	25
MA631S20	5/8"	27.5	38	12	90	380	25
MA631S22	11/16"	29	38	12	90	380	25
MA631S24	3/4"	30	38	12	90	390	25
MA631S26	13/16"	32	38	12	90	390	25
MA631S28	7/8"	34	38	19	90	400	25
MA631S30	15/16"	36	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

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	92	620	25
MA631M31	31	47	44	19	92	620	25
MA631M32	32	48	44	19	92	630	25
MA631M33	33	50	44	19	92	670	25
MA631M34	34	51	44	19	92	670	25
MA631M35	35	52	44	19	92	770	25
MA631M36	36	54	44	19	92	790	20
MA631M37	37	54	44	19	92	800	20
MA631M38	38	56	44	19	95	830	20
MA631M39	39	56	44	40	95	850	20
MA631M40	40	58	44	40	100	880	20
MA631M41	41	60	44	40	100	880	20
MA631M42	42	61	44	40	100	1050	20
MA631M43	43	63	44	40	105	1050	10
MA631M44	44	64	44	40	105	1060	10
MA631M45	45	66	44	40	105	1100	10
MA631M46	46	67	44	40	105	1150	10
MA631M47	47	68	44	40	105	1160	10
MA631M48	48	69	44	40	105	1200	10
MA631M49	49	70	44	40	105	1240	10
MA631M50	50	71	54	40	105	1320	10
MA631M51	51	72	54	40	105	1420	10
MA631M52	52	54	74	40	105	1530	10
MA631M54	54	76	54	40	105	1650	10
MA631M55	55	77	54	40	105	1670	10
MA631M56	56	78	54	40	105	1720	6
MA631M57	57	80	54	40	105	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

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	
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

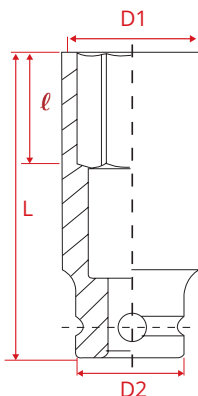


M7 NO.	⌀	D1	D2	ℓ	L	⚖	📦
	mm	mm	mm	mm	mm	g	
MA811M17	17	34	51	11.5	58	490	25
MA811M18	18	35	51	11.5	58	500	25
MA811M19	19	35	51	11.5	58	500	25
MA811M20	20	37	51	11.5	58	500	25
MA811M21	21	38	51	11.5	58	500	25
MA811M22	22	39	51	12.5	58	510	25
MA811M23	23	40	51	13	58	510	25
MA811M24	24	40.5	51	14	58	510	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
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	70	54	27	66	1050	10
MA811M50	50	73	54	27	70	1070	10
MA811M51	51	73	54	27	70	1070	10
MA811M52	52	75	54	27	70	1200	10
MA811M53	53	75	54	27	70	1200	10
MA811M54	54	75	54	28	70	1200	10
MA811M55	55	79	54	28	72	1440	10
MA811M56	56	80	54	32	72	1350	10
MA811M57	57	80	54	32	72	1350	10
MA811M58	58	85	54	32	75	1620	10
MA811M59	59	85	54	36	75	1620	10
MA811M60	60	87	54	36	78	1730	10
MA811M61	61	87	54	36	78	1730	10
MA811M62	62	91	54	36	80	1900	10
MA811M65	65	93	54	36	80	1900	7
MA811M70	70	104	86	40	85	2190	7
MA811M73	73	104	86	40	90	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

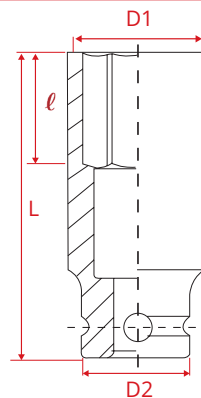
- 1" Drive Deep Length
- 6 Points
- Inch Size



M7 NO.	Ø	D1	D2	ℓ	L	g	
	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

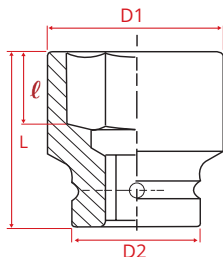


M7 NO.	Ø	D1	D2	ℓ	L	g	
	mm	mm	mm	mm	mm	g	
MA831M17	17	34	51	16	90	620	20
MA831M18	18	35	51	16	90	630	20
MA831M19	19	36	51	16	90	700	20
MA831M20	20	37	51	16	90	700	20
MA831M21	21	38	51	16	90	710	20
MA831M22	22	39	51	16	90	710	20
MA831M23	23	40	51	16	90	710	20
MA831M24	24	40.5	51	16	90	720	20
MA831M25	25	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	54	40	92	1430	10
MA831M50	50	73	54	40	95	1570	10
MA831M51	51	74	54	40	95	1570	10
MA831M52	52	75	54	52	95	1600	10
MA831M54	54	78	54	52	100	1750	10
MA831M55	55	79	54	52	100	1950	10
MA831M56	56	80	54	52	100	2150	10
MA831M57	57	84	54	52	100	2200	10
MA831M58	58	85	54	52	100	2100	10
MA831M59	59	86	54	52	105	2350	10
MA831M60	60	87	54	52	105	2350	10
MA831M62	62	89	54	60	110	2450	10
MA831M63	63	91	54	60	110	2550	10
MA831M65	65	93	54	60	120	2950	10
MA831M70	70	98	86	60	124	3300	5
MA831M73	73	102	86	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

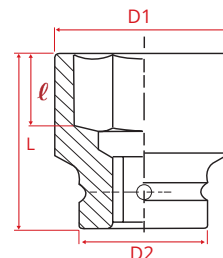


M7 NO.	Ø	D1	D2	ℓ	L	⚖	📦
	inch	mm	mm	mm	mm	g	
MA911S38	1-3/16"	56	86	16.5	78	2200	1
MA911S40	1-1/4"	58	86	16.5	78	2200	1
MA911S42	1-5/16"	60	86	19	78	2200	1
MA911S44	1-3/8"	62	86	19.5	78	2200	1
MA911S46	1-7/16"	64	86	22.5	78	2000	1
MA911S48	1-1/2"	66	86	24	78	2200	1
MA911S50	1-9/16"	68	86	25.5	78	2200	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	45.5	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
MA911S146	4-5/8"	165	95	76.5	135	12600	1
MA911S148	4-3/4"	168	95	76.5	135	13500	1
MA911S150	5"	179	127	77	140	14500	1

1-1/2"MA911M

IMPACT STANDARD SOCKET

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

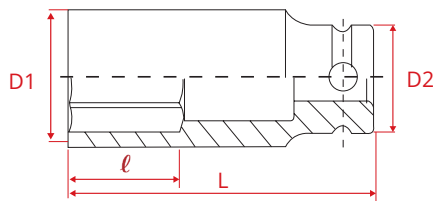


M7 NO.	Ø	D1	D2	ℓ	L	⚖	📦
	mm	mm	mm	mm	mm	g	
MA911M30	30	56	86	17	78	2200	1
MA911M32	32	58	86	19	78	2200	1
MA911M34	34	61	86	20	78	2200	1
MA911M35	35	61	86	20	78	2200	1
MA911M36	36	64	86	22	78	2200	1
MA911M38	38	66	86	23	78	2200	1
MA911M40	40	68	86	23	78	2200	1
MA911M41	41	70	86	25	80	2200	1
MA911M42	42	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

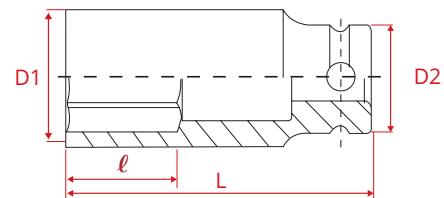
1-1/2" MA931S IMPACT DEEP SOCKET

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



1-1/2" MA931M IMPACT DEEP SOCKET

- 1-1/2" Drive Deep Length
- 6 Points
- Metric 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	41	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

M7 NO.	○	D1	D2	ℓ	L	⚖	📦
	mm	mm	mm	mm	mm	g	
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
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
AD-2312	3/8"	12"	300	25
AD-2412	1/2"	12"	300	25
AD-2218	1/4"	18"	457	26
AD-2318	3/8"	18"	457	26
AD-2418	1/2"	18"	457	26

3/4"MA641M

4 POINT SQUARE IMPACT SOCKET

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



M7 NO.	Ø	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"MA641S

4 POINT SQUARE IMPACT SOCKET

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



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

3/4"MA643M

4 POINT SQUARE IMPACT SOCKET

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



M7 NO.	Ø	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"MA841M

4 POINT SQUARE IMPACT SOCKET

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



M7 NO.	Ø	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"MA841S

4 POINT SQUARE IMPACT SOCKET

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



M7 NO.	Ø	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

1"MA843M

4 POINT SQUARE IMPACT SOCKET

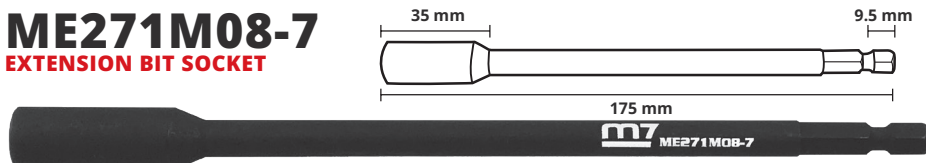
- 1" Drive Deep Length
- 4 Points
- Metric Size



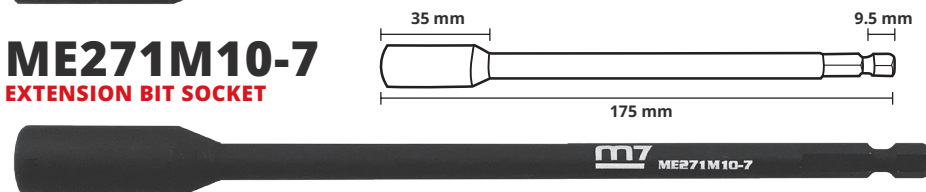
M7 NO.	Ø	D1	D2	L	⚖
	mm	mm	mm	mm	g
MA843M17	17	40	54	76	680
MA843M19	19	43	54	76	700
MA843M20	20	45	54	76	720
MA843M21	21	47	54	76	740
MA843M22	22	47	54	76	740

IMPACT SOCKET

ME271M08-7 EXTENSION BIT SOCKET



ME271M10-7 EXTENSION BIT SOCKET



SOCKET STICKERS PACK

100 pieces in one carton



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



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

Male Adapter



M7 NO.	Spec	D	L	g	
	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
ME688	3/4" F x 1" M	46	68	437	50
ME688H	3/4" F x 1" M	46	46	437	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
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

1/4" ME221 EXTENSION BAR

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



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

M7 NO.	Drive	Hex	g	
	inch		g	
ME472S08	1/2"	1/4"	118	50

Universal Joint

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



DRIVE BIT HOLDER

M7 NO.	Drive	Hex	g	
	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

3/8" ME321 EXTENSION BAR

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





3/8"ME371S

IMPACT HEX BITS

M7 NO.	inch	D2 mm	L 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

1/2"ME471M

IMPACT HEX BIT 1/2" Drive metric size

M7 NO.	mm	Total Length 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



3/8"ME371T

STAR BIT SOCKET

M7 NO.	T	D2 mm	L 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



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



3/8"ME371M

IMPACT HEX BITS

M7 NO.	mm	D2 mm	L 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.	inch	Total Length 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"ME471T

STAR BIT SOCKET

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

M7 NO.	T	D2 mm	L 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

1/2"ME421

EXTENSION BAR

- Without Ball : ME421-05H, MEN421-10H

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
ME421-10	10"	250	653	10
ME421-10H	10"	250	653	10
ME421-15	15"	375	1041	10

IMPACT SOCKET

3/4"ME671M

IMPACT HEX BITS SOCKET
3/4" Drive metric size



M7 NO.	Size	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

3/4"ME671S

IMPACT HEX BITS SOCKET
3/4" Drive inch size

M7 NO.	Size	Total Length		
	inch	mm	g	
ME671S12	3/8"	100	480	35
ME671S14	7/16"	100	500	35
ME671S16	1/2"	100	510	35
ME671S18	9/16"	100	520	35
ME671S20	5/8"	100	530	35
ME671S22	11/16"	100	540	35
ME671S24	3/4"	100	600	30
ME671S26	13/16"	100	610	30
ME671S28	7/8"	100	620	30
ME671S30	15/16"	100	690	30
ME671S32	1"	100	680	25
ME671S34	1-1/16"	100	720	15
ME671S36	1-1/8"	100	740	15
ME671S38	1-3/16"	100	830	10
ME671S40	1-1/4"	100	850	10

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"ME821

EXTENSION BAR

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

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

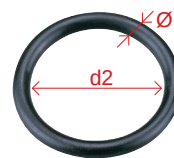
ME4050

EXTENSION BAR

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

1/2"ME904

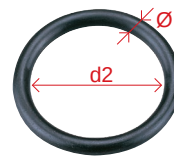
**1/2" DRIVE LOCKING RING
1/2" DRIVE LOCKING PIN**



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")

3/4"ME906

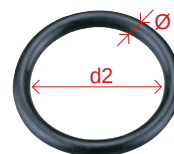
**3/4" DRIVE LOCKING RING
3/4" DRIVE LOCKING PIN**



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")

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")



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

AFTER MARKET SUPPORT

AD-3511P Display security steel wire rope AD-3511T 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



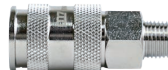
AD-3511P



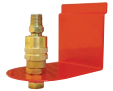
AD-3511T

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

AFTER MARKET SUPPORT

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

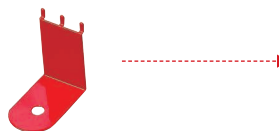
Overall Size(mm)
Width x Depth x Height

900 x 500 x 2230

AD-303-41 Hooks



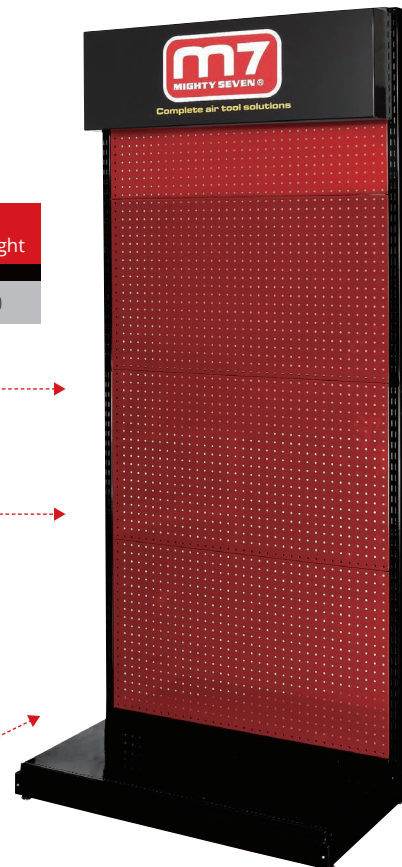
AD-351 OPTIONAL ITEM



AD-361 OPTIONAL ITEM

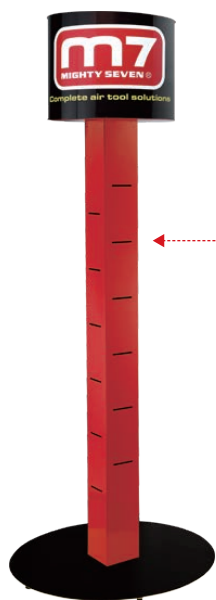
Overall Size(mm)
Width x Depth

280 x 910

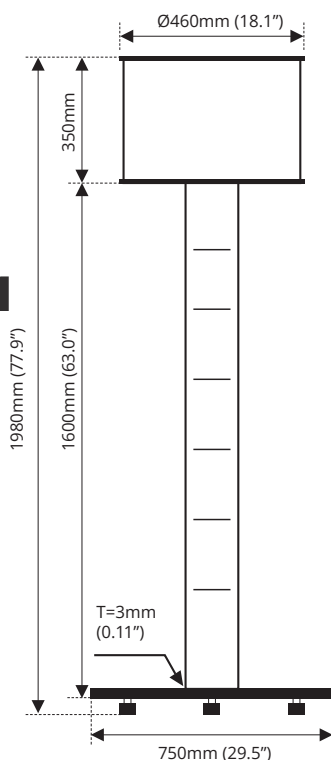


AD-308 TOWER TYPE DISPLAY STAND

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



AD-305-41 OPTIONAL ITEM



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

Package				
Contains	Net Weight	Gross Weight	Length	Width
	kg	kg	mm	mm
Lamp Case Set	4.35	5.35	530 510	101
Display Pillar	8.0	9.0	930 330	180
Display Stand Bottom Plate	10.45	11.45	810 820	70

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")



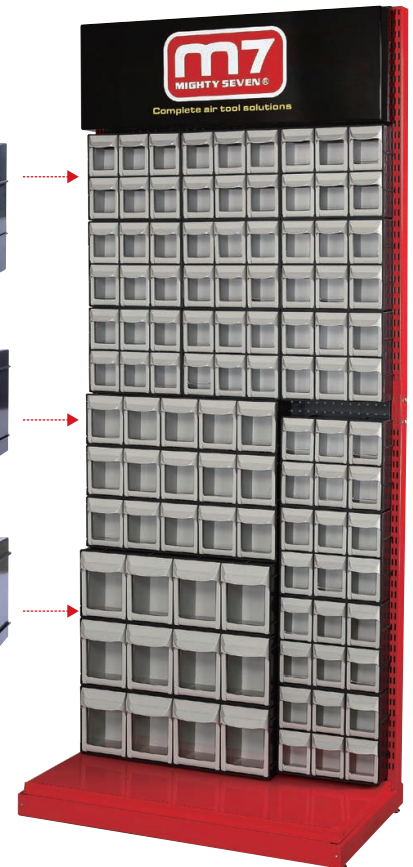
SF-306



SF-604



SF-605



AD-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-101

CORDLESS TOOLS DISPLAY



AD-431

1/2" DR. SOCKET SHELF SET



AD-201

1/2" DR. SOCKET SHELF SET



SH-1001

AIR TOOL HOLDER



ACCESSORIES

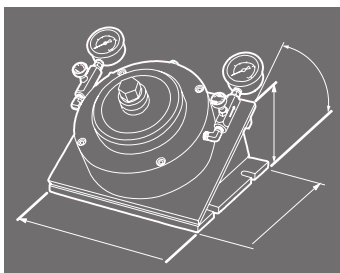
ZT-13-1 ZT-13-2

Forward

Reverse

TORQUE TEST MACHINE

Torque testing for maintaining pneumatic impact wrenches



- Applicable Range : 50ft-lb~2000ft-lb(70Nm~2700Nm)
- Max. Torque : 3500 ft-lb(5000Nm)
- Applicable Size : SQ.DR-1/2"~3/4"
- Measuring Direction : ZT-13-1 Forward/ZT-13-2 Reverse
- Screw Size : M32
- Length x Width : 35cm x 30cm
- Weight : 49KG

ACCESSORIES

NON-VACCUUM VELCRO

Backing Face : velcro



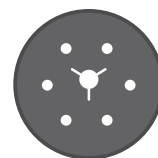
Blister+Card

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-VACCUUM VINYL

Backing Face : vinyl



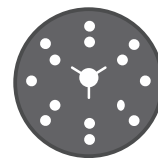
Blister+Card

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



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

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



Bag+Card

QB-9337M 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	QB-307 QB-327
QB-9337S	7"	15,000	5/8" x 11	QB-317

PAD DIE Series

5 pcs / 1 SET

Use on QB-922 & QB-923



Blister+Card



ITEM NO.	Size	PS.	Max R.P.M	For M7 Item NO.
QB-9702k-24	2"	Grit:#24	30,000	QP-212 QP-212N QB-625 QB-0618
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



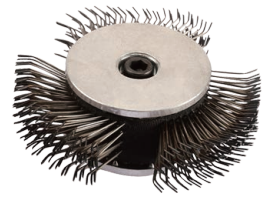
Blister+Card



ITEM NO.	Size	PS.	Max R.P.M	For M7 Item NO.
QB-9712-YL	2"	Yellow-Coarse #80	30,000	QP-212 QP-212N QB-625 QB-0618
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		

QB-801/QB-9401

Eraser Wheel / 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



ACCESSORIES

QB-95 SERIES

Wool Bonnet PAD



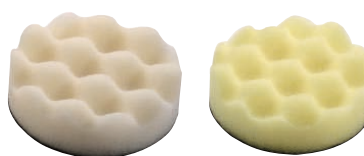
Bag+Card



ITEM NO.	Size	PS.	For M7 Item NO.
0QB-9512	2"	Velcro	QB-9302 QB-9303 QB-9305 QB-9315
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	For M7 Item NO.
0QB-9402	2"	Yellow / Rough	25mm	QB-9302 QB-9303 QB-9305 QB-9306 QB-9315 QB-9316 QB-9327
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	

QB-9320

PAD

FOR QK-111 QK-121



QB-9323

3" Sanding Pad



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-9213A/B [SET]

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

Available with
M7 All Air Die Grinder



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-904/QB-905/QB-907

Grinding Wheel Materials: Aluminum Oxide



ITEM NO.	Specification		For M7 Item NO.
0QB-904	100 x 6 x 16 4" x 1/4" x 5/8" 102mm	25 / 200	(QB-904) : QB-104, QB-114, QB-124, QB-134, QB-144, QB-154, QB-164, QB-194, QB-194N, QB-194L, QB-7114
0QB-905	125 x 6 x 22 5" x 1/4" x 7/8" 127mm	25 / 200	(QB-905) : QB-115, QB-125, QB-135, QB-145, QB-155, QB-165, QB-185, QB-195, QB-7115
0QB-907	180 x 6 x 22 7" x 1/4" x 7/8" 128mm	25 / 200	(QB-907) : QB-107, QB-117, QB-177, QB-187, QB-197

QB-913/QB-914

Cut-off Wheel



ITEM NO.	Specification		For M7 Item NO.
0QB-913	75 x 1.5 x 10 3" x 1/16" x 3/8" 76mm	25 / 200	QC-213 / QC-213T / QC-253
0QB-914	100 x 1.5 x 10 4" x 1/16" x 3/8" 102mm	25 / 200	QC-213 / QC-213T / QC-253 QC-264

QD-932P

32T Saw Blade Bi-Metal Material

Available with
QD-221 & QD-291

10 pcs / box

Blister+Card



QD-924P

24T Saw Blade Bi-Metal Material

Available with
QD-221 & QD-291

10 pcs / box



Blister+Card

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

QM-901

Universal repairing kit for
Auto-Transmission shaft boot

Available with QM-1125



PC-901

Adjustable Toeque Air Tapping Adapter

HEX:8mm

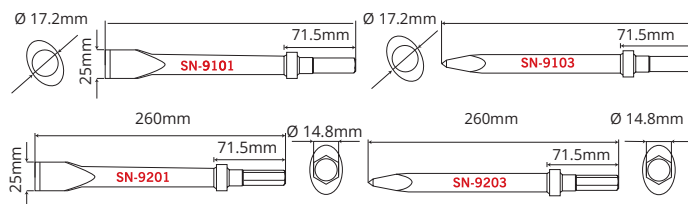
For : Air Drill / Electricity Drill/Cordless Drill / Drill Machine

Blister+Card



ACCESSORIES

SN-9101/SN-9103 SN-9201/SN-9203



SW-12(1/4") SW-13(3/8")

Mini Lubricator

Install on the air inlet to provide automatic lubrication 8c.c. lubricating oil capacity



Box



Blister

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



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-2B

Quick Change Retainer

Available with
For SC-21 / SC-22 / SC-31 /
SC-34 SERIES



SC-2A

Retainer



MA-412M1719



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

MA-412M2122



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

MA-412S2426



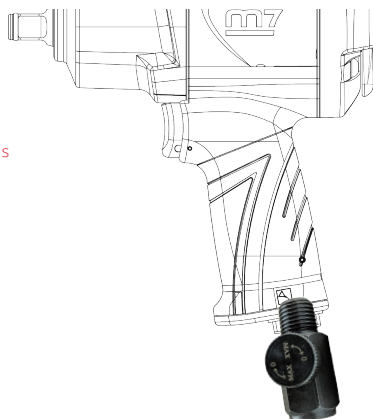
Double Sided Socket
2" Extended Anvil matching special
double sided socket 24mm & 26mm
specifically for automotive tyres.

SZ-212A

AIR REGULATOR

FEATURES

- Used to adjust the air inlet flow of pneumatic tools
- Easy to mount



SN-124/SN-268

SN-128/SN-288



Needle Set

- SN-288
- (12 Needle Set) 3 x 125mm
- Available with
- SN-1288
- SN-268
- (19 Needle Set) 3 x 180mm
- Available with
- SN-1268 / 2110 / 1368
- SN-124
- (24 Needle Set) 3 x 180mm
- Available with
- SN-2124
- SN-128
- (28 Needle Set) 3 x 180mm
- Available with
- SN-2128

SO-10

Lubrication



SG-101

Lubrication Kit



SO-10T

Lubrication Kit



BOX

NC-REPAIR KIT

Replacement Parts



NE-REPAIR KIT

Replacement Parts



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

ACCESSORIES

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

CHISEL

For SN-31 / SN-32 SERIES



Blister+Card

QB-9773K19

3" Polishing Sponge Kit
MAX : 15,000 R.P.M

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



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



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



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-9742K20

2" Surface Sanding Kit
MAX : 30,000 R.P.M

For QP-212 / QP-213 / QP-223 / QB-625



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 QP-212 / QP-213 / QP-223 / QB-625



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 QP-212 / QP-213 / QP-223 / QB-625



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-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



Blister+Card

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

QB-974K12

2" & 3" Surface Sanding Kit

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

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

For QP-212 / QP-213 / QP-223 / QB-625



Blister+Card

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

QB-9743K20

3" Surface Sanding Kit

MAX : 20,000 R.P.M

For QP-212 / QP-213 / QP-223 / QB-625



Blister+Card

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

QB-9933V

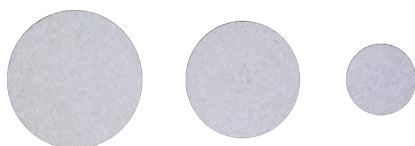
Velcro Triangular
Sandpaper Set



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	
0QB-9913S-08K10	3"	Grit:#80	Self-Adhesive	QP-113	Non	10	
0QB-9913S-15K10		Grit:#150					
0QB-9913S-18K10		Grit:#180		QP-123			
0QB-9913S-32K10		Grit:#320					
0QB-9913S-40K10		Grit:#400					
0QB-9915S-08K5	5"	Grit:#80		QB-41		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					QB-43
0QB-9916S-15K5		Grit:#150					QB-45
0QB-9916S-18K5		Grit:#180					QB-46
0QB-9916S-32K5		Grit:#320					QB-47
0QB-9916S-40K5		Grit:#400					QB-51
0QB-9905S-08K5	5"	Grit:#80	QB-52	6			
0QB-9905S-15K5		Grit:#150	QB-53				
0QB-9905S-18K5		Grit:#180	QB-54				
0QB-9905S-32K5		Grit:#320	QB-56				
0QB-9905S-40K5		Grit:#400	QB-57				
0QB-9906S-08K5	6"	Grit:#80	QB-58				
0QB-9906S-15K5		Grit:#150	QB-59				
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				
0QB-9913V-08K10	3"	Grit:#80	Velcro	QP-113	Non	10				
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		6	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						QB-52 QB-53 QB-54 QB-56 QB-57 QB-58 QB-59	6	5
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	QB-52 QB-53 QB-54 QB-56 QB-57 QB-58 QB-59	6	5					
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				QB-52 QB-53 QB-54 QB-56 QB-57 QB-58 QB-59	6	5		
0QB-9906V-15K5		Grit:#150								
0QB-9906V-18K5		Grit:#180								
0QB-9906V-32K5		Grit:#320								
0QB-9906V-40K5		Grit:#400								

AIR ADAPTOR QUICK COUPLINGS

SY-2001M

360° Rotatable Adaptor
Air Inlet 1/4"



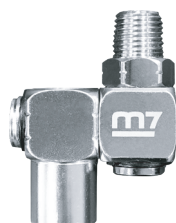
SY-2002M

Air Regulator & 360° Rotatable Adaptor
Air Inlet 1/4"



SY-2011M

360° Rotatable Adaptor
Air Inlet 1/4"



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-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-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		
SY-220M SY-320M	Male	1/4" PT 3/8" PT	Japan		
SY-220F SY-320F	Female	1/4" PT 3/8" PT			
SY-230M SY-230F	Male Female	1/4" NPT	U.S.A		



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	

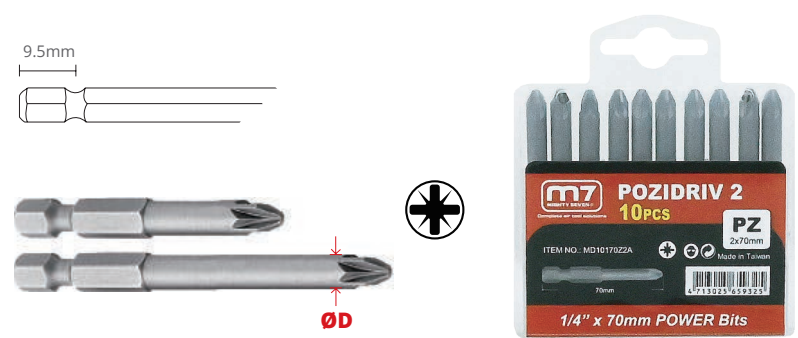
POWER BIT

1/4" POWER BIT (PHILLIPS HEAD)



"OVERALL LENGTH(mm)"	SIZE	ITEM NO.	ØD(mm)
25	2	MD50125P2A	6
	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)
25	2	MD50125Z2A	6
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)

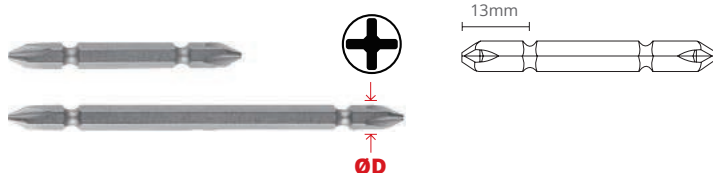


"OVERALL LENGTH(mm)"	SIZE	ITEM NO.	ØD(mm)
90	10	MD10190TT10A	4
	15	MD10190TT15A	4
	20	MD10190TT20A	4.8
	25	MD10190TT25A	4.8
	30	MD10190TT30A	6

"OVERALL LENGTH(mm)"	SIZE	ITEM NO.	ØD(mm)
50	6	MD10150TT06A	3.2
	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
70	40	MD10150TT40A	6.3
	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
70	30	MD10170TT30A	6
	40	MD10170TT40F	6.3
	45	MD10170TT45E	8
70	50	MD05170TT50E	9.1

1/4" POWER BIT

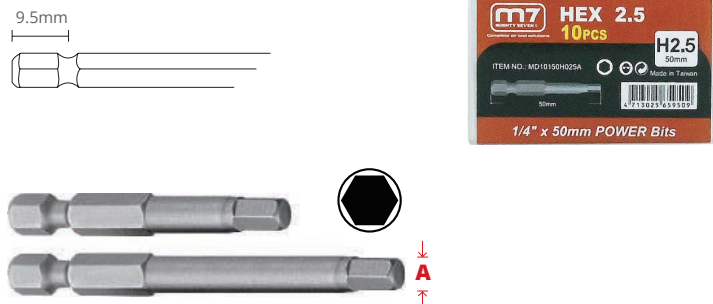
(DOUBLE PHILLIPS HEAD)



"OVERALL LENGTH(mm)"	SIZE	ITEM NO.
65	1	MD10165P1P1A
	2	MD10165P2P2A
	3	MD10165P3P3A
110	1	MD101110P1P1A
	2	MD101110P2P2A
	3	MD101110P3P3A

1/4" POWER BIT

(HEX HEAD)



"OVERALL LENGTH(mm)"	A(mm)	ITEM NO.
150	2.5	MD101150H025A
	3	MD101150H030A
	4	MD101150H040A
	5	MD101150H050A
	6	MD101150H060A

"OVERALL LENGTH(mm)"	A(mm)	ITEM NO.
50	1.5	MD10150H015A
	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)
25	20	MD10125T20A	4.8

"OVERALL LENGTH(mm)"	SIZE	ITEM NO.	ØD(mm)
50	6	MD10150T06A	3.2
	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
70	50	MD05150T50E	9.1
	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



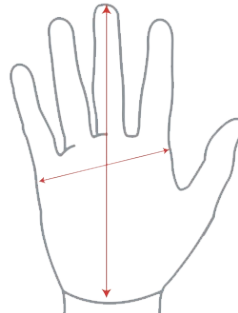
SIZE	S	M	L	XL	2XL
	3XL	4XL	3L	4L	5L

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

ZB-814 HALF FINGER BLADE CUT RESISTANCE GLOVE



Item Description	length(cm)	wide(cm)
M	21.3	10.5
L	22	11
XL	22.7	11.5
XXL	23.4	12

ZC-202-1 BASEBALL CAP



ZB-9156 LED PEN LIGHT

- LED x 4pcs
- No. 4 battery x 3pcs included



ZB-307 PEN



ZB-306 PEN(STYLUS)

- Pen with touch function



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



ZH-104

MINI USB LED FLASHLIGHT



YA-0303

QUICK ASSEMBLY TENT

- Size : 3.3m
- Area : 9m²
- Weight : 22.5kg
- Top high : 3.5m



SE-1001

LED SLIM LIGHT



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:

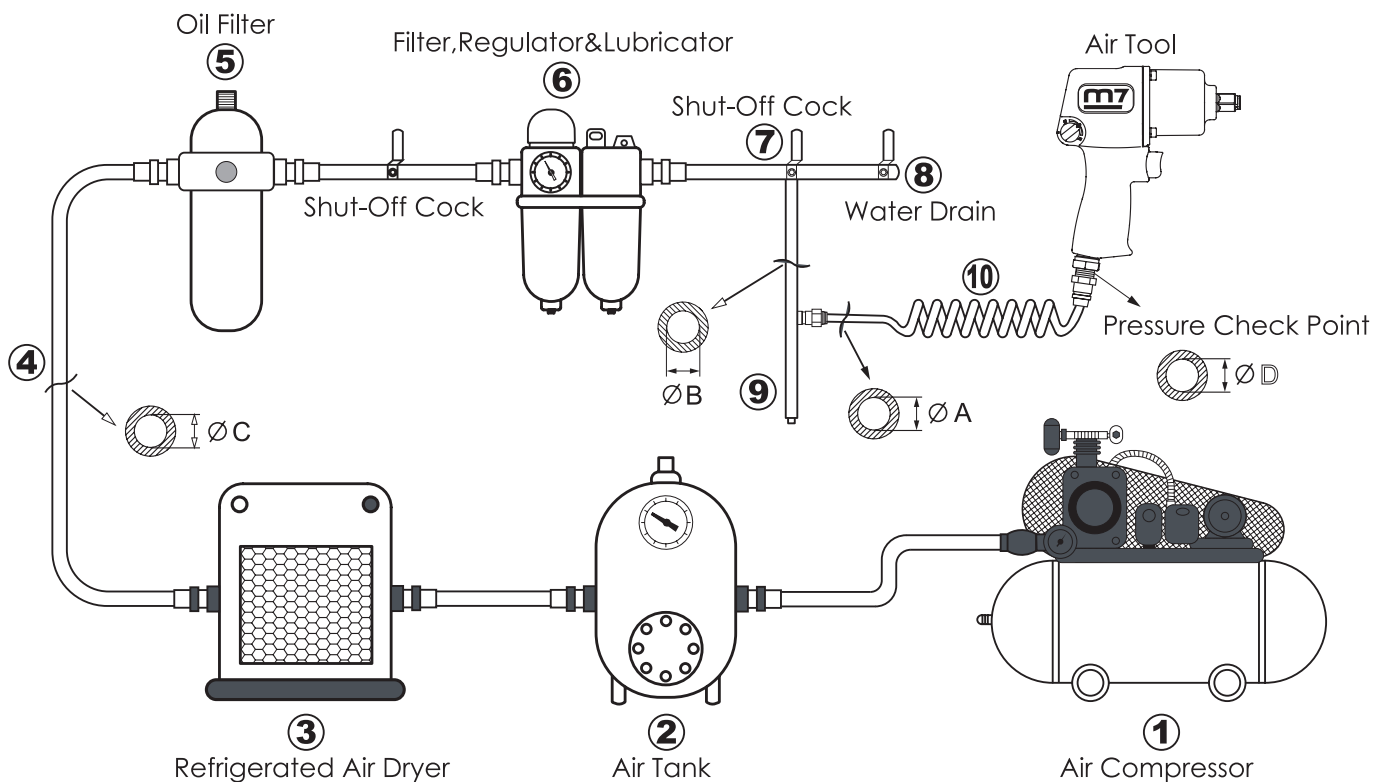
- The maximum recommended air pressure during operation must not exceed 90 psi (6.3bar). Higher air pressure may create unsafe operating conditions for the tool and the user.
- The compressed air should be cooled and have a water filter installed at the outlet end of the compressor. Even with a water 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 . $\Phi B = 2 \times \Phi A$
- The diameter ΦC required for the primary air supply (from 1 to 8) should be 3 times as large as ΦA . $\Phi C = 3 \times \Phi A$
- 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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CORDLESS TOOLS



CORDLESS TOOLS

SMALL . LIGHT . POWERFUL!

CORDLESS TOOLS

NEW PRODUCT

I DRH-101 CORDLESS ROTARY HAMMER

5 pieces in one carton



Motor
BRUSHLESS

I DRH-101A CORDLESS ROTARY HAMMER

2 pieces in one carton



Motor
BRUSHLESS



Item No.	Chuck Type	Impact Energy	Free Speed	Blows Per Minute	Max. Drilling Capacity			Net Weight	
			R.P.M	B.P.M	Wood	steel	Concrete	LBS	kg
DRH-101	SDS Plus	2.6	1150	5100	30	13	26	6.17	2.8

I DOM-101 CORDLESS OSCILLATING MULTIT-TOOL

6 pieces in one carton



Motor
BRUSHLESS

I DOM-101A CORDLESS OSCILLATING MULTIT-TOOL

3 pieces in one carton



Motor
BRUSHLESS



Item No.	Minimum Oscillations	Maximum Oscillations	Oscillation Angle	Tool Length	Net Weight	
	per minute	per minute	B.P.M	mm	LBS	kg
DOM-101	11000	18000	1.8°	320	2.29	1.04

I DR-102 CORDLESS RIVET GUN

10 pieces in one carton



Motor
BRUSHLESS

I DR-102A CORDLESS RIVET GUN

3 pieces in one carton



Motor
BRUSHLESS



Item No.	Traction Power	Stroke Length	Capacity	Battery	Rating Voltage	Completely Charged	Tool Length	Weight
	lb-f / kg-f	mm	mm	Li-ion Ah	V	V	mm	kg
DR-102	4496 / 2040	27	2.4-6.4	5.0	18	20	320	1.63

DGG-102

CORDLESS GREASE GUN

6 pieces in one carton



DGG-102A

CORDLESS GREASE GUN

3 pieces in one carton



Item No.	Working Pressure	Grease Output	Capacity	Battery	Rating voltage	Completely charged	Net Weight	
	PSI	ml	g	Li-ion Ah	V	V	LBS	kg
DGG-102	7000	94.6	400	5.0	18	20	5.3	2.4

DHG-101

CORDLESS HEAT GUN

8 pieces in one carton



Item No.	Max Temperature	Airflow	Battery	Rating voltage	Completely charged	Net Weight	
		L/min	Li-ion Ah	V	V	LBS	kg
DHG-101	550 °c	200	5.0	18	20	1.38	0.63

DPW-101

CORDLESS PRESSURE WASHER GUN

4 pieces in one carton



Item No.	Flow Rate	Hose Length	Maximum Pressure	Tool Length	Rating voltage	Completely charged	Net Weight
	L/min	m	PSI(bar)	mm	V	V	kg
DPW-101	2.8	4	360(25)	876	18	20	1.72

CORDLESS TOOLS

DW-404

CORDLESS IMPACT WRENCH

10 pieces in one carton



DW-404A/DW-404K

CORDLESS IMPACT WRENCH

4 pieces in one carton



DW-404A



DW-404K



Item No.	Square Drive	Bolt Capacity	Max Torque		No Load Speed		Impact Rate	Rating Voltage	Completely Charged	Net Weight
	Inch (mm)		FT-LB	Nm	R.P.M		ipm	V	V	kg
DW-404	1/2"(12.7)	M6-M16	660	900	0-900/0-1400/0-1800/0-2200		0-1150/0-1700/0-2300/0-2500	18	20	1.16

DW-406

CORDLESS IMPACT WRENCH

6 pieces in one carton



DW-406A

CORDLESS IMPACT WRENCH

3 pieces in one carton



Item No.	Square Drive	Bolt Capacity	Max Torque		No Load Speed		Impact Rate	Rating Voltage	Completely Charged	Net Weight
	Inch (mm)		FT-LB	Nm	R.P.M		ipm	V	V	kg
DW-406	1/2"(12.7)	M10-M25	1200	1600	0-1400/0-1900/0-2400		0-1800/0-2200/0-2800	18	20	2.0

DW-601**CORDLESS IMPACT WRENCH**

3 pieces in one carton

1900 Nm**Patented**

Shock Absorption Body

Motor
BRUSHLESS**DW-401****CORDLESS IMPACT WRENCH**

4 pieces in one carton

3 AUTO STOP MODEMotor
BRUSHLESS**DW-402****CORDLESS IMPACT WRENCH**

3 pieces in one carton

Motor
BRUSHLESS**DW-601A[KIT]****CORDLESS IMPACT WRENCH**

2 pieces in one carton

- Contents :
- Accessory : 2pcs 5.0Ah Li-ion battery + 1pc charger

Motor
BRUSHLESS**DW-401A[KIT]****CORDLESS IMPACT WRENCH**

3 pieces in one carton

- Contents :
- Accessory : 2pcs 5.0Ah Li-ion battery + 1pc charger

Motor
BRUSHLESS**DW-402A[KIT]****CORDLESS IMPACT WRENCH**

2 pieces in one carton

- Contents :
- Accessory : 2pcs 5.0Ah Li-ion battery+ 1pc charger
- Package : BMC

Motor
BRUSHLESS

Item No.	Square Drive	Bolt Capacity	Max Torque		No Load Speed		Impact Rate		Net Weight	
	Inch (mm)		FT-LB	Nm	R.P.M		ipm		LBS	kg
DW-601	3/4"(19)	M10-M27	1400	1900	0-900/0-1000/0-1800		0-1800/0-2000/0-2200		7.4	3.37
DW-401	1/2"(12.7)	M6-M16	660	894	0-1100/0-1600/0-2200		0-1500/0-2500/0-3000		3.3	1.48
DW-402	1/2"(12.7)	M10-M24	1250	1700	0-900/0-1000/0-1700		0-1800/0-2000/0-2200		7.27	3.33

CORDLESS TOOLS



DD-101 CORDLESS DRILL DRIVER

3 pieces in one carton

Note : This tool is attached an auxiliary handle



Motor
BRUSHLESS

DD-101A CORDLESS DRILL DRIVER

2 pieces in one carton

- Contents :
- 2pcs 18V 5.0 Ah Lithium-ion
- 1pc Lithium-ion Battery Charger
- 1pc Auxiliary Handle



Motor
BRUSHLESS



DH-101 CORDLESS HAMMER DRILL DRIVER

3 pieces in one carton



Motor
BRUSHLESS

DH-101A CORDLESS HAMMER DRILL DRIVER

2 pieces in one carton

- Contents :
- 2pcs 18V 5.0 Ah Lithium-ion
- 1pc Lithium-ion Battery Charger



Motor
BRUSHLESS

Item No.	Chuck Size	Max Torque	No Load Speed	Impact Rate	Torque Setting	Max Drill Capacity		Net Weight	
	mm	Nm	R.P.M	ipm	—	Wood	Steel	LBS	kg
				ipm		Wood	steel		
DD-101	1/2"(13)	90	Low 0-500/High 0-2000	---	23+1	50	13	3.02	1.37
DH-101	1/2"(13)	90	Low 0-500/High 0-2000	0-8000/0-32000	23+1+1	60	13	3.19	1.45

DRS-101**CORDLESS RECIPROCATING SAW**

3 pieces in one carton

**Motor
BRUSHLESS****DRS-102****CORDLESS RECIPROCATING SAW**

3 pieces in one carton

**Motor
BRUSHLESS****DJS-101****CORDLESS JIG SAW**

3 pieces in one carton

U-SHANK
JIGSAW
BladeT-SHANK
JIGSAW
BladeSUITABLE FOR
BOTH T & U SHANK**DRS-101A[KIT]****CORDLESS RECIPROCATING SAW**

3 pieces in one carton

- Contents:
- Accessories : 5.0Ah battery x 2pcs; charger x 1pc
- Packaging: Color Box

**Motor
BRUSHLESS****DRS-102A[KIT]****CORDLESS RECIPROCATING SAW**

3 pieces in one carton

- Contents:
- Accessories : 5.0Ah battery x 2pcs; charger x 1pc
- Packaging: BMC

**Motor
BRUSHLESS****DJS-101A[KIT]****CORDLESS JIG SAW**

3 pieces in one carton

- Contents :
- Accessories : 5.0Ah battery x 2pcs; charger x 1pc
- Packaging : Color Box



Item No.	Stroke Length	Stroke Per min.	Overall Length	Cut Capacity			Net Weight	
	mm	S.P.M	inch(mm)	mm	mm	mm	LBS	kg
		S.P.M		Wood	aluminum	steel		
DRS-101	29	3100	16-1/7"(410)	200	---	20	5.95	2.7
DRS-102	25	3100	13-3/13"(335)	160	---	16	3.92	1.78
DJS-101	25	2200	16-1/7"(410)	2-1/2"(63)	3/8"(9.53)	1/4"(6)	5.9	2.7

DCS-101**CORDLESS CIRCULAR SAW**

2 pieces in one carton

**Motor
BRUSHLESS****DCS-101A[KIT]****CORDLESS CIRCULAR SAW**

2 pieces in one carton

- Contents :
- 2pcs 18V 5.0 Ah Lithium-ion
- 1pc Lithium-ion Battery Charger

**Motor
BRUSHLESS**

Item No.	Blade Arbor Size	Blade Dia	No Load Speed	Cutting Capacity		Bevel Capacity	Overall Length	Net Weight	
	Inch(mm)	Inch(mm)	R.P.M	Inch(mm)	Inch(mm)	Degree	Inch(mm)	LBS	kg
				90°	45°				
DCS-101	16	7-1/4"(185)	4500	2-3/8"(60.5)	1-3/4"(46)	0-65°	13-3/8"(340)	7.51	3.41

CORDLESS TOOLS

DG-501

CORDLESS ANGLE GRINDER

6 pieces in one carton

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



Motor
BRUSHLESS

DG-585

CORDLESS ANGLE GRINDER

10 pieces in one carton

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



DG-501A[KIT]

CORDLESS ANGLE GRINDER

2 pieces in one carton

- Contents :
- 2pcs 18V 5.0 Ah Lithium-ion
- 1pc Lithium-ion Battery Charger
- Note : The grinding wheel is not supplied along with the tool



Motor
BRUSHLESS

DG-585502A[KIT]

CORDLESS ANGLE GRINDER

2 pieces in one carton

- Accessories :
- 5.0Ah battery x 2pcs
- Charger x 1pc
- Guard spanner x 1pc
- Aux handle x 1pc
- Note : The grinding wheel is not supplied along with the tool



DOS-501

CORDLESS RANDOM ORBITAL SANDER

2 pieces in one carton



DOS-501A[KIT]

CORDLESS RANDOM ORBITAL SANDER

2 pieces in one carton

- Contents :
- 2pcs 18V 5.0 Ah Lithium-ion
- 1pc Lithium-ion Battery Charger
- Packaging : Color Box



Item No.	Stroke Size	Pad Dia	Orbit	Free Speed	Overall Length	Net Weight	
		inch(mm)		R.P.M	inch(mm)	LBS	kg
DG-501	M14 x P2.0	5"(125)	---	8000	12-9/16"(320)	3.25	1.48
DG-585	M14 x P2.0	5"(125)	---	8000	11-7/32"(285)	4.8	2.2
DOS-501	---	5"(125)	3.0	7000-11000	11-13/16"(300)	2.7	1.23



DS-10202A

CORDLESS IMPACT DRIVER

5 pieces in one carton



- Max. torque 100 NM
- Quick charge-up in 30 minutes
- Battery x 2pcs included for a longer period of usage
- LED lamp to light up the working area
- Battery applicable to all m7 10.8V cordless models



DS-201

CORDLESS IMPACT DRIVER

4 pieces in one carton

3 AUTO STOP MODE

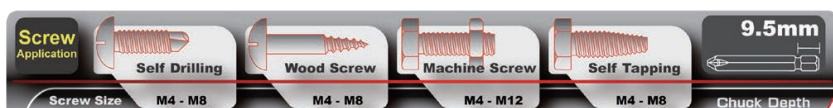


DS-201A[KIT]

CORDLESS IMPACT DRIVER

3 pieces in one carton

- Contents :
- 2pcs 18V 5.0 Ah Lithium-ion
- 1pc Lithium-ion Battery Charger



Item No.	Chuck Size	Bolt Capacity	Max Torque		No Load Speed	Impact Rate	Battery	Net Weight	
	Inch (mm)		FT-LB	Nm	R.P.M	ipm	Li-ion Ah	LBS	kg
DS-10202	1/4"(6.35)	M4-M12	74	100	0-2200	0-3000	2.0	2.2	1.0
DS-201	1/4"(6.35)	M12	150	203	0-1100/0-1900/0-2800	0-1200/0-2350/0-3300	5.0	2.8	1.28

CORDLESS TOOLS

CORDLESS TOOLS



I DW-1840

CORDLESS IMPACT WRENCH

5 pieces in one carton



I DW-18502A[KIT]

CORDLESS IMPACT WRENCH

3 pieces in one carton

- Contents :
- 2pcs 18V 5.0 Ah Lithium-ion
- 1pc Lithium-ion Battery Charger



Item No.	Square Drive	Bolt Capacity	Max Torque		No Load Speed		Impact Rate	Battery	Net Weight	
	Inch (mm)		FT-LB	Nm	R.P.M		ipm	Li-ion Ah	LBS	kg
							ipm			
DW-1840	1/2"(12.7)	M6-M24	900	1220	0-1900		0-2200	5.0	7.0	3.2



DFL-101

CORDLESS LED FLOOD LIGHT

4 pieces in one carton

- Key Spec :
- Bulb Type : LED
- Lumens : 180° 450 LM / 360° - Low 550 LM / 360° - High 850 LM
- Runtime : 180° 18 Hrs / 360° - Low 20 Hrs / 360° - High 10 Hrs



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

CORDLESS 18V BATTERY CHARGER

10 pieces in one carton

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





CORDLESS TOOLS

CORDLESS TOOLS

M7 Cordless 18V Battery Li-ion 5.0 Ah



2024
2025

Cordless | Pneumatic Solutions

CONSTRUCTION | CARPENTRY | AUTO MAINTENANCE | METAL WORK

