Cordless LED Flexible Inspection Lamp

NEW

CE RoHS

CHARGING USB

Li-ion BATTERY

Features:
- Micro adjustment lumen switch
- Base with powerful magnet
- Flexible shaft to enable mounting in any position
- Adjustable focusable light lamp
- Brightness: 280 Lumen
- Splash-proof IP54
- For full light-approx 3 hours, for semi light-approx 10 working hours
- Indicator: In charging - red indicator flash, charged completed-blue indicator light on
- Build in 2300 mAh Li-ion battery
- Comes with 5V DC 1A USB charger & USB cable

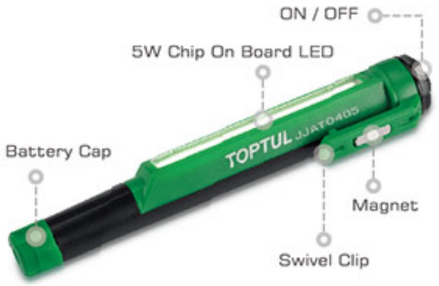
Specifications:
- LED max power: 5W LED COB light
- Li-ion rechargeable battery: 3.7V 2300mAh
- Charger input: AC100 - 240V 50 / 60Hz
- Power output: 5.0V 1000mAh
- Charger time: 3.5 - 4.0 hours
- Active time: 3.0 hours
- Storage temperature: -20°C to 70°C
- Operation temperature: -5°C to 50°C
- Product size: 480(L) x 38(W) x 34(H) mm

ITEM NO.	LED	L(mm)	Types of Plug Adapter (power charger)	
			A. (US) E. (EU) U. (UK) Z. (AU/NZ)	
JJAT0605	5W COB	480		40

12PCS

5W COB LED Pen Light Set W/Display Box

- Powerful lighting inspection lamp with 5W COB LED
- Rugged ABS material housing
- Brightness: 230 Lumen
- 450 Lux at 0.5 meter
- Splash-proof IP54
- Pocket clip and bottom magnet for hands-free use
- Powered by 3 x AAA batteries (not included)
- Dimensions = L165 x W25 x H30 (mm)
- Content: 12 pcs per set



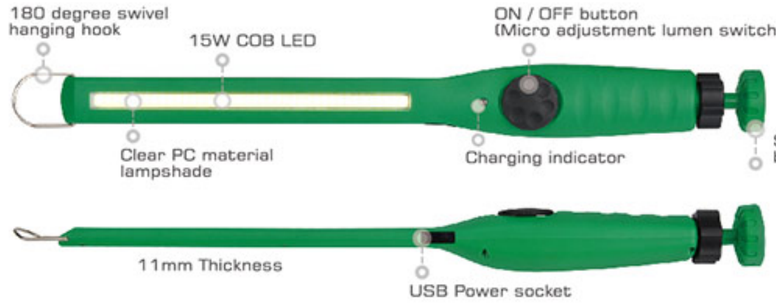
ITEM NO.	CONTENTS	12 (SET)
JJAT0405S	12 5W COB LED Pen Light Dimensions = L165 x W25 x H30 (mm)	

Cordless LED Slim Inspection Lamp

CE RoHS

CHARGING USB

Li-ion BATTERY



Features:
- Micro adjustment lumen switch
- Foldable base with powerful magnet
- Swivel hanging hook
- Slim body design for easy reaching access place
- Brightness: 410 Lumen
- 300 Lux at 0.5 meter (Semi-Brightness)
- 935 Lux at 0.5 meter (Full-Brightness)
- Splash-proof IP54
- Build in 2200 mAh Li-ion battery
- For full light-approx 2.5 hours, for semi light-approx 10 working hours
- Indicator:
  In charging - red indicator flash, charged completed-blue indicator light on, low battery-yellow indicator flash
- Comes with 5V DC 1A USB charger & USB cable

Specifications:
- LED max power: 15W LED COB light
- Li-ion rechargeable battery: 3.7V 2200mAh
- Charger input: AC100 - 240V 50/60Hz
- Power output: 5.0V 1000mAh
- Charger time: 3.5 - 4.0 hours
- Active time: 2.5 hours
- Storage temperature: -20°C to 70°C
- Operation temperature: -5°C to 50°C
- Product size: 375(L)x40(W)x30(H)mm

ITEM NO.	LED	L(mm)	Types of Plug Adapter (power charger)	
			A. (US) E. (EU) U. (UK) Z. (AU/NZ)	
JJAT0515	15W COB	375		20

LED Rechargeable Magnet Work Lamp

CE

Types of Plug Adapter (power charger) 240V

- Material of housing: Hi-impact Nylon
- Clear PC material lampshade
- 30pcs LED bulbs: 20000MCD / each
- Lithium battery: 3.7V / 2400mAh (Li-ion)
- Maximum working time: approx 4 - 5 hours
- Recharge time: 5 - 6 hours
- Net weight (lamp & battery): 205g

ITEM NO.	POWER CHARGER (AC)	L (mm)		
JJAT0124	240V	290	10	30

Portable Video Borescope

Feature:

- Multi-function keys selection
- Working temperature of -20°C to +60°C
- The probe can easily fits through the spark plug hole of engine
- Water, oil, dust and scratch resistant probes (IP67)
- Obedient probe that retains required shape
- 2.0 times digital zoom function
- Horizontal picture reflection function
- Live video and photo replay on TFT display
- Snapshot and Video recording to SD card
- Multi lingual menu

CE RoHS

Contents:

- Operation panel
- 1m semi-rigid spiral shaft camera probe
- USB data cable
- AV cable
- AC Adapter

Application:

Automotive, aircraft, marine, locksmiths, electricians, law enforcement, mechanics, exterminator plumbers, welders, carpenters, HVAC repair & inspect all kinds of hard-to-reach areas.

ITEM NO.	Probe Diameter (mm)	Probe Length (M)	Probe Type	Viewing Direction of the camera	Types of Plug Adapter (power charger) A. (US)	E. (EU)	Z. (AU/NZ)
VARF3901	Ø3.9	1	Semi-Rigid	Forward View			

Main System (Hand Held Unit)	
Dimension	117.5 x 207 x 37mm
Display	3.5" (TFT LCD QVGA)
Video Out Format	NTSC & PAL
Video Out Interface	AV Out
Still Image Storage Format	JPEG (640 x 480 pixels)
Frame Rate	~30fps
Compression Format	MPEG4 (320 x 240 pixels)
Recording Medium	SD card
Exposure	Automatic
White Balance	Fix
S / N Ratio	42dB or more
Power	Battery Rechargeable Li-Polymer Battery 3.7V Power Supply AC 100 - 240V / 50 - 60Hz Power Consumption DC5.5 1.8A
Working Time	4 hours
Recharge Time	2 hours
Working Temperature	-20°C - 60°C
Language	English/Danish/French/Spanish/Russian/Dutch/Polish/Italian/German/ Portuguese/Japanese/Bulgarian/Traditional Chinese/Simplified Chinese/ Turkish/Swedish/Finnish/Norwegian/Estonian/Lithuanian/Latvian/ Hungarian/Czech/Slovak/Slovene/Romanian/Greek

Camera System and Insert Tube	
Camera Resolution	325(H) x 250(V) = 81250 pixels
Image Sensor	CMOS
Housing	Stainless Steel
Field of View (Aperture Angle)	Horizontal field angle 46° Vertical field angle 34° Diagonal field angle 56°
Focused Depth of Field	1cm - 6cm
Protection Class	IP67
Resistance	DO NOT immerse the insert tube deeper than 1M depth and over 30 minutes.(water) DO NOT immerse the insert tube deeper than 6cm and over 10 minutes besides water.(such as lubricant oil, gasoline and etc.)
Working Temperature	0°C - 55°C
Light Source	White LED
Bend Radius	min. 15mm

Two Way Articulation Probe

Feature:

- Multi-function keys selection
- Control wheel can adjust bending angle of neck for probe
- The probe can easily fits through the spark plug hole of engine and various inspection jobs
- Maximum bending angle 300°
- Obedient probe allows to equip 70° Refracting Mirror that offers anti-reflection & particle-free images on object during inspection
- View angle rotary function allow inspection result to be sent to a TFT display (VARF Series) for team based analysis
- Brighter view images in low-light conditions
- Working temperature of -20°C to +60°C
- Water, oil, dust and scratch resistant probes (IP67)
- Obedient probe that retains required shape
- Suitable for connection to VARF Series

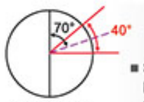
RoHS

Contents:

- Operation panel
- Articulation, Soft-metal camera probe
- Mirror 70°

Application:

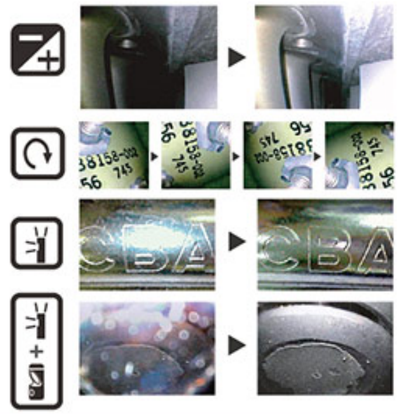
Automotive, aircraft, marine, locksmiths, electricians, law enforcement, mechanics, exterminator plumbers, welders, carpenters, HVAC repair & inspect all kinds of hard-to-reach areas.



Attachment mirror 70°

■ Set includes one Angle / Refracting Mirror Attachment for Ø 6.0mm Probe Video Borescope

ITEM NO.	Probe Diameter (mm)	Probe Length (M)	Probe Type	Viewing Direction of the camera
VLAB6001	Ø6.0	1	Soft-Metal	Two way 155° view



Specifications	
Dimension	228 x 35 x 53mm
Camera Resolution	VGA 640(H) x 480(V) = 307200 pixels
Image Sensor	CMOS
Camera Head Length	23.3mm
Camera Head Material	Stainless steel
Light Source	White LED
Focused Depth of Field	1cm - 6cm
Working Temperature	-20°C - 60°C
Protection Class	IP67
Video Out Format	NTSC
Articulation Angle	1m 155° view angle
Articulation Radius	48±1mm
Mirror Attachment (Ø6.0)	Line of Vision 70° (Aperture Angle 40°)

T-Type Image Guide Scope

Main Bulb

Feature:
- Easy to grip T-type handle
- Flexible cable for easy operation
- Bright light and adjustable focus for clearer viewing
- Angle mirrors can be attached for angle viewing

Specification:
- Material: Main unit / Handle (Aluminum)
- Cable Length: 18"
- Cable Diameter: 4mm O.D.
- Bulb: HID
- Battery: CR123A (3V)
- CE approved
- Set includes 2 lithium batteries & 4 HID bulbs

Application:
Automotive, aircraft, marine, locksmiths, electricians, law enforcement, mechanics, exterminator plumbers, welders, carpenters, HVAC repair & inspect all kinds of hard-to-reach areas.

ITEM NO. JJAU0418

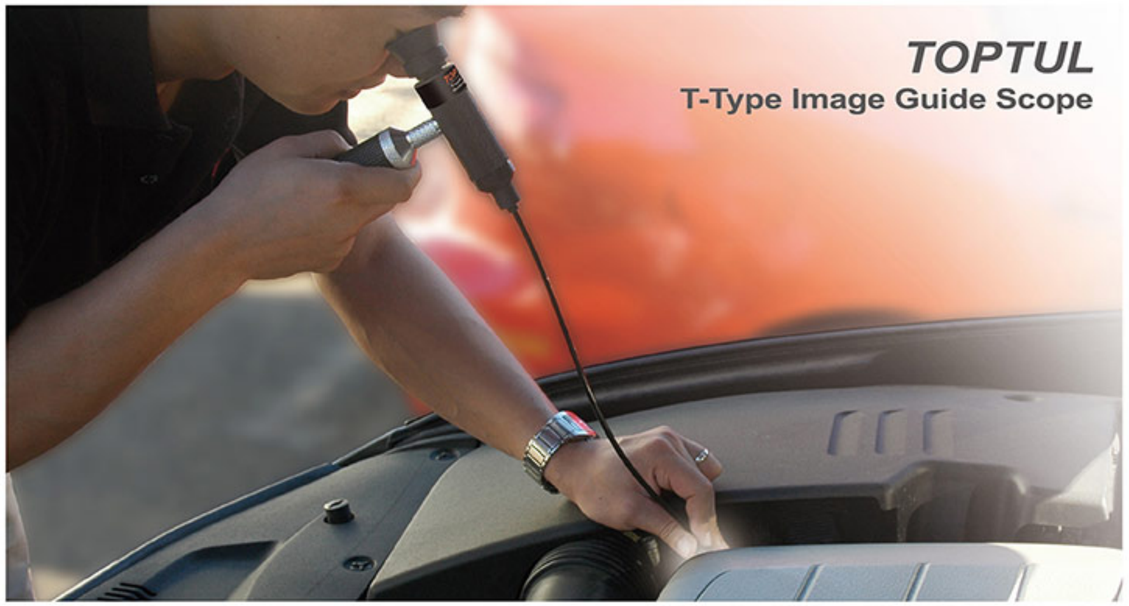
ALUMIMUM FRAMED PLASTIC CASE: W420 x D330 x H65 (mm)

Angle / Refracting Mirror
(Optional attachment for T-Type Image Guide Scope)

ITEM NO.	ANGLE MIRROR (DEGREE)		
JLAB0435	35	10	40
JLAB0445	45	10	40
JLAB0460	60	10	40

Scope Magnet
(Optional attachment for T-Type Image Guide Scope)

ITEM NO.		
JLAD0406	10	



Pro-Series
Industrial Lever Riveter

NEW

- Auto-hold design for holding blind rivet securely and allows operation in vertical downward direction
- With strength spring and long stroke of riveting device for easily balance movement on two handles and increase the stability in work
- 2-Jaws design for strength and durability
- Material: High strength Aluminum body, steel tube with rubber handle
- Lever design reduces physical strength for all rivet sizes
- Length: 483mm (19")
- 4 interchangeable standard nosepieces, and a wrench & with Patented 4-IN-1 plastic bottle for retrieving rivets

ITEM NO.	RIVET DIAMETER(mm)		
JBAE2450	2.4(3/32"), 3.0/3.2(1/8"), 4.0(5/32"), 4.8/5.0(3/16")	1	10

Rivet Diameter	Rivet Material			
	Aluminum	Copper	Steel	Stainless Steel (Inox)
2.4mm or 3/32"	●	●	●	●
3.0/3.2mm or 1/8"	●	●	●	●
4.0mm or 5/32"	●	●	●	●
4.8/5.0mm or 3/16"	●	●	●	●

Pro-Series
Industrial Lever Riveter

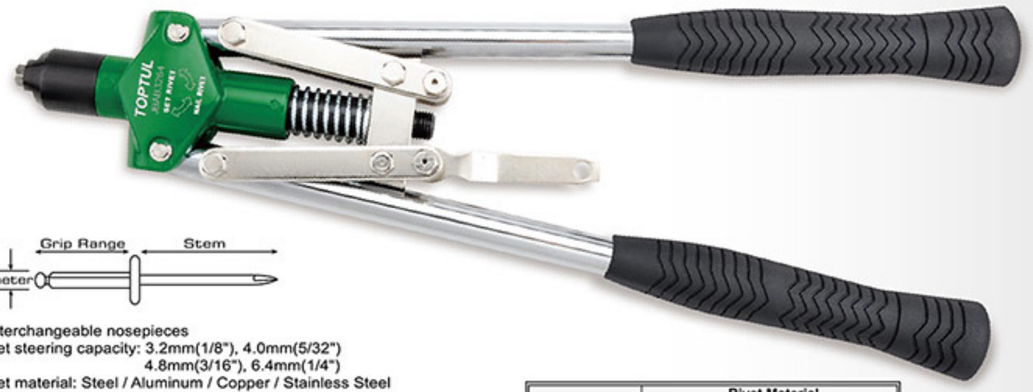
NEW

- Auto-hold design for holding blind rivet securely and allows operation in vertical downward direction
- With strength spring and long stroke of riveting device for easily balance movement on two handles and increase the stability in work
- 3-Jaws design for strength and durability
- Material: High strength Aluminum body, steel tube with rubber handle
- Lever design reduces physical strength for all rivet sizes
- Length: 533mm (21")
- 5 interchangeable standard nosepieces, and a wrench & plastic bottle for retrieving rivets

ITEM NO.	RIVET DIAMETER(mm)		
JBAE3064	3.0/3.2(1/8"), 4.0(5/32"), 4.8/5.0(3/16"), 6.0, 6.4(1/4")	1	10

Rivet Diameter	Rivet Material			
	Aluminum	Copper	Steel	Stainless Steel (Inox)
3.0/3.2mm or 1/8"	●	●	●	●
4.0mm or 5/32"	●	●	●	●
4.8/5.0mm or 3/16"	●	●	●	●
6.0mm	●	●	●	●
6.4mm or 1/4"	●	●	●	●

Industrial Lever Riveter

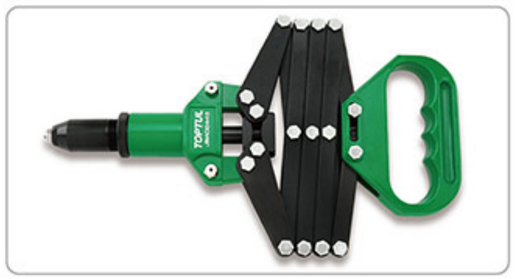


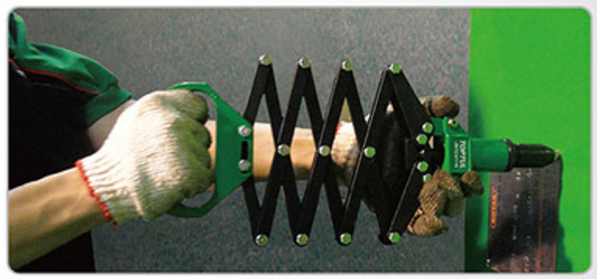
- 4 interchangeable nosepieces
- Rivet steering capacity: 3.2mm(1/8"), 4.0mm(5/32") 4.8mm(3/16"), 6.4mm(1/4")
- Rivet material: Steel / Aluminum / Copper / Stainless Steel
- Length: 450mm(17-1/2")
- Material: Aluminum body, steel tube with rubber handle
- Lever design reduces physical strength for all rivet sizes
- Extra long handle provides excellent leverage

ITEM NO.	RIVET DIAMETER(mm)		
JBAB3264	3.2(1/8"), 4.0(5/32"), 4.8(3/16"), 6.4(1/4")	1	12

Rivet Diameter	Rivet Material			
	Aluminum	Copper	Steel	Stainless Steel (Inox)
3.2mm or 1/8"	●	●	●	●
4.0mm or 5/32"	●	●	●	●
4.8mm or 3/16"	●	●	●	●
6.4mm or 1/4"	●	●	●	●

Scissor Action Industrial Riveter





- Rugged all steel construction
- Single pull action for fast repetitive applications
- Stretching design for use in difficult access area
- Suitable for industrial and construction applications
- 4 interchangeable nosepieces: 2.4mm(3/32"), 3.2mm(1/8"), 4.0mm(5/32"), 4.8mm(3/16")
- Extended length: 310 to 835 mm max.

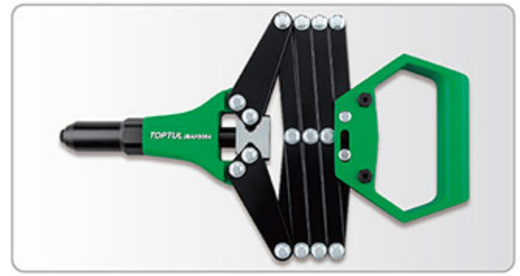
ITEM NO.	RIVET DIAMETER(mm)		
JBAD2448	2.4(3/32"), 3.2(1/8"), 4.0(5/32"), 4.8(3/16")	1	10

Rivet Diameter	Rivet Material			
	Aluminum	Copper	Steel	Stainless Steel (Inox)
2.4mm or 3/32"	●	●	●	●
3.2mm or 1/8"	●	●	●	●
4.0mm or 5/32"	●	●	●	●
4.8mm or 3/16"	●	●	●	●

Heavy-Duty Scissor Action Industrial Lever Riveter

NEW

HEAVY-DUTY



- Single pull action for fast repetitive applications
- Stretching design for use in difficult access area
- Precision die-cast Aluminum head and handle with heavy-duty carbon steel lattice
- 2-Jaws design for strength and durability
- 5 interchangeable standard nosepieces and a wrench
- Extended length: 310 to 810 mm max.

ITEM NO.	RIVET DIAMETER(mm)		
JBAH3064	3.0/3.2(1/8"), 4.0(5/32"), 4.8/5.0(3/16"), 6.0, 6.4(1/4")	1	10

Rivet Diameter	Rivet Material			
	Aluminum	Copper	Steel	Stainless Steel (Inox)
3.0/3.2mm or 1/8"	●	●	●	●
4.0mm or 5/32"	●	●	●	●
4.8/5.0mm or 3/16"	●	●	●	●
6.0mm	●			
6.4mm or 1/4"	●			

Hand Riveter

- High-leverage Chrome Molybdenum handles for more power and easier operation
- Precision die-cast Aluminum Alloy frame constructed with extra hardened steel for longer tool life
- Extended riveter nose design for reaching confined spaces
- Full cushion grips provide optimum comfort in use
- 4 interchangeable nosepieces: 2.4mm(3/32"), 3.2mm(1/8"), 4.0mm(5/32"), 4.8mm(3/16")

ITEM NO.	RIVET DIAMETER(mm)		
JBAA2448	2.4(3/32"), 3.2(1/8"), 4.0(5/32"), 4.8(3/16")	10	30

Rivet Diameter	Rivet Material			
	Aluminum	Copper	Steel	Stainless Steel (Inox)
2.4mm or 3/32"	●	●	●	●
3.2mm or 1/8"	●	●	●	●
4.0mm or 5/32"	●	●	●	●
4.8mm or 3/16"	●	●	●	

151PCS

Hand Riveter Set

ITEM NO.	CONTENTS	6 (SET)
GAAD0101	1 JBAA2448 Hand Riveter	
	30 ALCA0207 Aluminum Rivets - Ø2.4x8mm	
	30 ALCA0308 Aluminum Rivets - Ø3.2x8mm	
	30 ALCA0410 Aluminum Rivets - Ø4x10mm	
	30 ALCB0510 Aluminum Rivets - Ø4.8x10mm	
	30 ALCB0407 Stainless Rivets - Ø4x7mm	

METAL CASE: W370 x D154 x H50 (mm)

Pro-Series Hand Riveter

NEW

- Spring loaded handle for easy loading
- 2-Jaws design for strength and durability
- Forged upper handle with advanced heat treatment for enhancing durability
- Material: High strength Aluminum body with cast & high quality alloy steel handles
- 4 interchangeable standard nosepieces, and a service wrench

Rivet Diameter	Rivet Material			
	Aluminum	Copper	Steel	Stainless Steel (Inox)
2.4mm or 3/32"	●	●	●	●
3.0/3.2mm or 1/8"	●	●	●	●
4.0mm or 5/32"	●	●	●	●
4.8/5.0mm or 3/16"	●	●	●	

ITEM NO.	RIVET DIAMETER(mm)		6	30
JBAF2450	2.4(3/32"), 3.0/3.2(1/8"), 4.0(5/32"), 4.8/5.0(3/16")		10	

151PCS

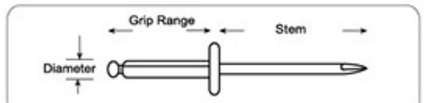
NEW

Pro-Series Hand Riveter Set

ITEM NO.	CONTENTS	6 (SET)
GAAD0103	1 JBAF2450 Pro-Series Hand Riveter	
	30 ALCA0207 Aluminum Rivets - Ø2.4x8mm	
	30 ALCA0308 Aluminum Rivets - Ø3.2x8mm	
	30 ALCA0410 Aluminum Rivets - Ø4x10mm	
	30 ALCA0510 Aluminum Rivets - Ø4.8x10mm	
	30 ALCB0407 Stainless Rivets - Ø4x7mm	

METAL CASE: W370 x D154 x H50 (mm)

360° Swivel Head Hand Riveter



- Rugged and hardened all steel construction
- Precision die-cast Aluminum Alloy riveter head and handle
- 360° rotating head for any angle riveting
- Perfect for use in confined spaces
- Spring loaded grip handle for easy loading
- 4 interchangeable nosepieces: 2.4mm(3/32"), 3.2mm(1/8"), 4.0mm(5/32"), 4.8mm(3/16")

Rivet Diameter	Rivet Material			
	Aluminum	Copper	Steel	Stainless Steel (Inox)
2.4mm or 3/32"	●	●	●	●
3.2mm or 1/8"	●	●	●	●
4.0mm or 5/32"	●	●	●	●
4.8mm or 3/16"	●			

ITEM NO.	RIVET DIAMETER(mm)	L(mm)	6	24
JBAC2448	2.4(3/32"), 3.2(1/8"), 4.0(5/32"), 4.8(3/16")	280		

Pro-Series 360° Swivel Ratchet-Head Hand Riveter

NEW

- 360° rotating head for any angle riveting
- With ratchet gear design can hold swivel head in working angle to avoid unexpected rotation of head
- 2-Jaws design for strength and durability
- Material: High strength Aluminum head and cast body with molded handle
- Length: 285mm (11-7/32")
- 4 interchangeable standard nosepieces, and a service wrench

Rivet Diameter	Rivet Material			
	Aluminum	Copper	Steel	Stainless Steel (Inox)
2.4mm or 3/32"	●	●	●	●
3.0/3.2mm or 1/8"	●	●	●	●
4.0mm or 5/32"	●	●	●	
4.8/5.0mm or 3/16"	●			

ITEM NO.	RIVET DIAMETER(mm)		10	20
JBAG2450	2.4(3/32"), 3.0/3.2(1/8"), 4.0(5/32"), 4.8/5.0(3/16")			

Industrial Heavy-Duty Hand Nut Riveter

NEW

- Designed for professional use in construction and industrial application
- Patented fixing hole design to solve the problem of rivet nut stuck
- Material: High strength Aluminum body, steel tube with rubber handle
- Length: 530mm (20-7/8")
- Lever design reduces physical strength for all rivet nuts sizes
- With stroke adjuster design for easy improved accuracy
- 5 interchangeable threaded mandrels: M5x0.8, M6x1.0, M8x1.25, M10x1.5, M12x1.75

Thread Size	Rivet Nut Material		
	Aluminum	Steel	Stainless Steel (Inox)
M5 x 0.8	●	●	●
M6 x 1.0	●	●	●
M8 x 1.25	●	●	●
M10 x 1.5	●	●	●
M12 x 1.75	●	●	

ITEM NO.	RIVET NUT	1	10
JBBB0512	M5, M6, M8, M10, M12		

Industrial Hand Nut Riveter

NEW

- High strength Aluminum body with steel insert design & anti-wearing design
- Forged upper handle with advanced heat treatment for enhancing durability
- Patented 1-PC quick-change threaded mandrel
- Patented adjusting knob design for one-time adjustment
- With stroke adjuster design for repetitive applications
- Length: 255mm (10")
- 4 interchangeable threaded mandrels: M3x0.5, M4x0.7, M5x0.8, M6x1.0
- Ergonomic comfort-grip handle

Thread Size	Rivet Nut Material		
	Aluminum	Steel	Stainless Steel (Inox)
M3 x 0.5	●	●	●
M4 x 0.7	●	●	●
M5 x 0.8	●	●	●
M6 x 1.0	●	●	

ITEM NO.	RIVET NUT	1	20
JBBA0306	M3, M4, M5, M6		

121PCS

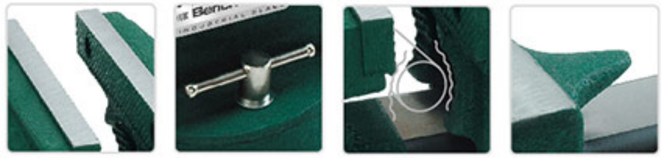
NEW

Industrial Hand Nut Riveter Set

ITEM NO.	CONTENTS	6 (SET)
GAAD0102	1 JBBA0306 Industrial Hand Rivet Nut Tool	
	30 ALFA0305 Aluminum Rivet Nut - M3x0.5	
	30 ALFA0407 Aluminum Rivet Nut - M4x0.7	
	30 ALFA0508 Aluminum Rivet Nut - M5x0.8	
	30 ALFA0610 Aluminum Rivet Nut - M6x1.0	

METAL CASE: W370 x D154 x H50 (mm)

All Cast Steel Bench Vise



- Made of robust cast steel
- Duly hardened and knurled jaw
- 360° swivel base
- Equipped with anvil and pipe jaw
- Finished with quality wrinkle green paint

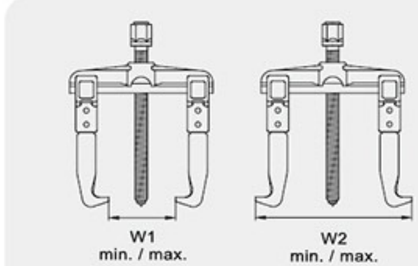
ITEM NO.	SIZE(inch)	JAW OPENING(inch)	THROAT DEPTH(inch)		
DJAC0103	3	3	2	1	1
DJAC0104	4	4	2-1/4	1	1
DJAC0105	5	5	2-5/8	1	1
DJAC0106	6	6	3	1	1
DJAC0108	8	8	3-1/2	1	1
DJAC0110	10	10	4	1	1

2-Jaw Gear Puller (Sliding Arm Type)

- Made of Chrome Vanadium Alloy Steel
- Sliding-arm universal puller with constantly parallel claws
- Puller arms design for confined spaces

· JJAL1220

· JJAL1212



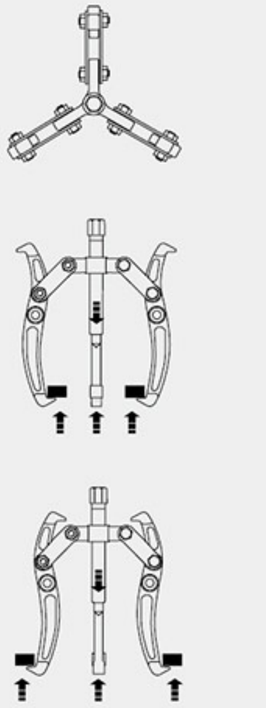
ITEM NO.	SIZE (mm)	Outside Grip Range W1 (min. / max.) mm	Inside Grip Range W2 (min. / max.) mm		
JJAL1208	80	30 - 80	90 - 150	1	10
JJAL1212	120	30 - 120	90 - 180	1	10
JJAL1216	160	40 - 160	90 - 220	1	6
JJAL1220	200	40 - 200	90 - 260	1	6

3-Jaw Gear Puller

- Professional gear puller to remove gears, pulleys and collars from shafts effortlessly and safely. Three-point grip applies a parallel pull. Jaws and arms are forged and machined from quality alloy steel, precision heat treated for maximum durability and strength. Hardened steel center bolt with hex head for sure-grip wrench fit. Jaws can be reversed to grip firmly inside or outside gears or parts.

· JJAL0312

· JJAL0304



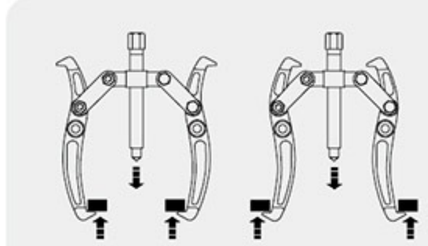
ITEM NO.	SIZE(inch)		
JJAL0303	3	1	36
JJAL0304	4	1	18
JJAL0306	6	1	8
JJAL0308	8	1	4
JJAL0312	12	1	2

2-Jaw Gear Puller

- Professional gear puller to remove gears, sprockets, bearing and pulleys effortlessly and safely. Jaws and arms are forged and machined from quality alloy steel, precision heat treated for maximum durability and strength. Hardened steel center bolt with hex head for sure-grip wrench fit. Jaws can be reversed to grip firmly inside or outside gears or parts.

· JJAL0212

· JJAL0204

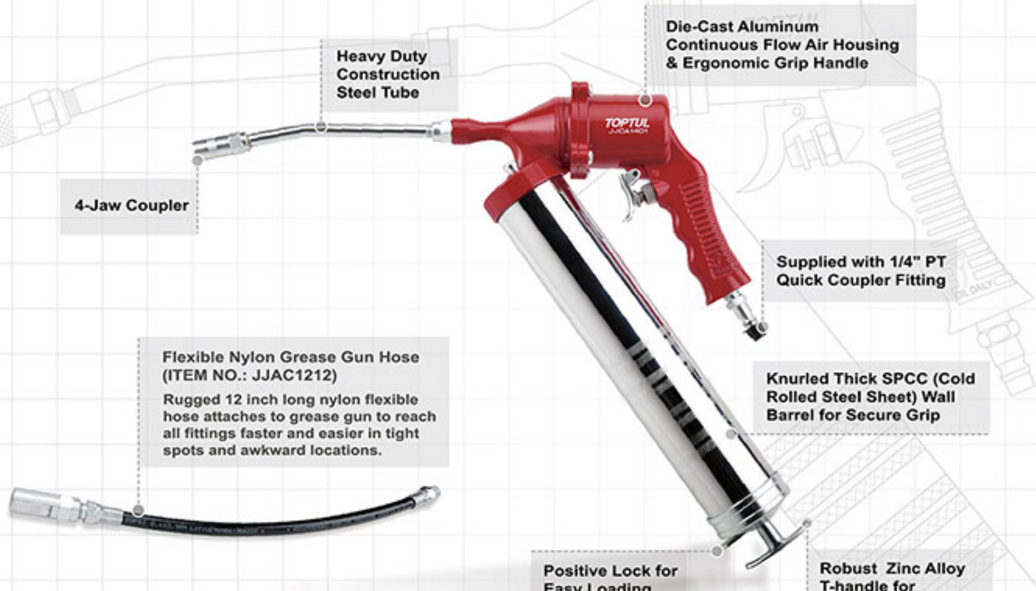


ITEM NO.	SIZE(inch)		
JJAL0203	3	1	40
JJAL0204	4	1	32
JJAL0206	6	1	12
JJAL0208	8	1	5
JJAL0212	12	1	2

Air Operated Continuous Flow Grease Gun

Pistol Grip Type

W/ 6" Rigid Tube & 12" Flexible Hose



Air Operated Continuous Flow Grease Gun

Air Operated Continuous Flow Grease Gun (Pistol Grip Type)

W/ 6" Rigid Tube & 12" Flexible Hose

- 4-Jaw Coupler for Secure Grip
- Air Operating Range: (40:1 Pressure Ratio)
  Air supplied input 60 - 150 psi (4.2 - 10.3 bar) /
  output 2,400 - 6,000 psi (165 - 412 bar)
- Working Pressure:
  Recommend air supplied input 90 psi (6.2 bar) / output 3,600 psi (250 bar)
- Grease Coupler Thread: 1/8 inch x 28PT / Air Inlet Thread: 1/4 inch x 19PT
- Use standard 14 oz. grease cartridge
- Ideal for use in factory maintenance, automobiles and etc.

ITEM NO.	CONTENTS	10 (SET)
JGAE0204	1 JJCA1401 Air Operated Continuous Flow Grease Gun (Pistol Grip Type) W/ 6" Rigid Tube Standard 14 oz. Cartridge, Pressure filler, Bulk 400 c.c. , L=15" (385mm)	
	1 JJAC1212 Flexible Nylon Grease Gun Hose L=12" (300mm)	

Air Operated Continuous Flow Grease Gun (Pistol Grip Type)

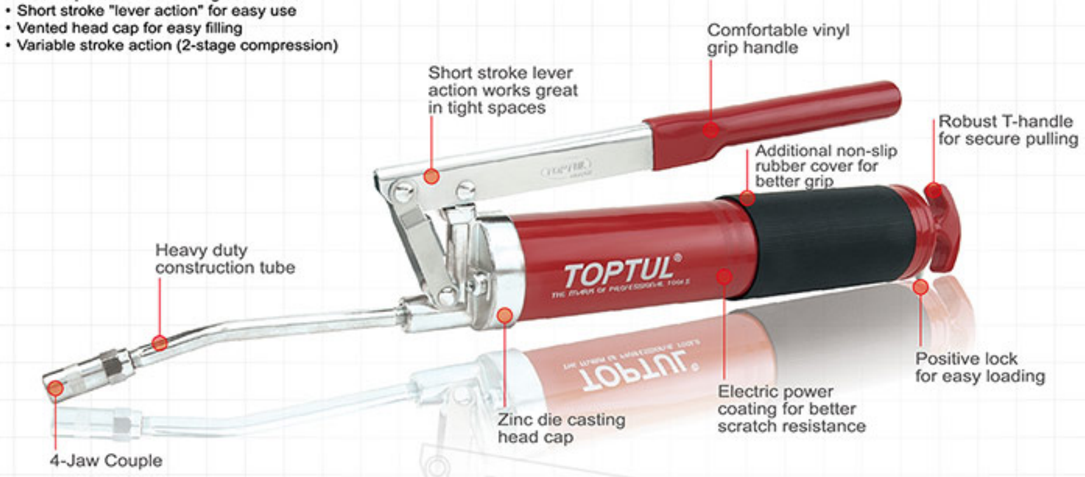
W/ 6" Rigid Tube

- 4-Jaw Coupler for Secure Grip
- Air Operating Range: (40:1 Pressure Ratio)
  Air supplied input 60 - 150 psi (4.2 - 10.3 bar) /
  output 2,400 - 6,000 psi (165 - 412 bar)
- Working Pressure:
  Recommend air supplied input 90 psi (6.2 bar) / output 3,600 psi (250 bar)
- Grease Coupler Thread: 1/8 inch x 28PT / Air Inlet Thread: 1/4 inch x 19PT
- Use standard 14 oz. grease cartridge
- Ideal for use in factory maintenance, automobiles and etc.

ITEM NO.	CAPACITY	10
JJCA1401	Standard 14 oz. Cartridge Pressure filler, Bulk 400 c.c. , L=15" (385mm)	

Lever Type Grease Gun (Variable Stroke) - W/ 6" Rigid Tube

- Electric plated finish for long service life
- Short stroke "lever action" for easy use
- Vented head cap for easy filling
- Variable stroke action (2-stage compression)



ITEM NO.	CAPACITY	16
JJAA1402	Standard 14 oz. Cartridge Pressure filler, Bulk 400 c.c. , L=21" (530mm)	

Lever Type Grease Gun

Lever Type Grease Gun (Variable Stroke)

W/ 6" Rigid Tube & 12" Flexible Hose

■ Flexible Nylon Grease Gun Hose
(ITEM NO.: JJAC1212)
Rugged 12 inch long nylon flexible hose attaches to grease gun to reach all fittings faster and easier in tight spots and awkward locations.

- Electric plated finish for long service life
- Short stroke "lever action" for easy use
- Vented head cap for easy filling
- Variable stroke action (2-stage compression)

ITEM NO.	CONTENTS	16 (SET)
JGAE0202	1 JJAA1402 Lever Type Grease Gun (Variable Stroke) W/ 6" Rigid Tube Standard 14 oz. Cartridge, Pressure filler, Bulk 400 c.c. L=21" (530mm)	
	1 JJAC1212 Flexible Nylon Grease Gun Hose L=12" (300mm)	

Piston Grip Grease Gun
W/7" Rigid Tube

- Electric plated finished for long service life
- Short stroke piston grip action works great in tight spaces
- Two discharge outlets - 90° & 180°
- Vented head cap for easy filling
- Use standard 14 oz. grease cartridge

ITEM NO.	CAPACITY	12
JJBA1402	Standard 14 oz. Cartridge Pressure filler, Bulk 400 c.c. , L=14" (360mm)	

Piston Grip Grease Gun
W/7" Rigid Tube & 12" Flexible Hose

- Electric plated finished for long service life
- Short stroke piston grip action works great in tight spaces
- Two discharge outlets - 90° & 180°
- Vented head cap for easy filling
- Use standard 14 oz. grease cartridge

ITEM NO.	CONTENTS	12 (SET)
JGAE0203	1 JJBA1402 Pistol Grip Grease Gun-W/7" Rigid Tube Standard 14 oz. Cartridge Pressure filler, Bulk 400 c.c. L=14" (360mm) 1 JJAC1212 Flexible Nylon Grease Gun Hose L=12" (300mm)	

Lubrication - Grease Gun (Lever Type)
W/ 6" Rigid Tube

- 4-Jaw Coupler for Better Grip
- Max. Working Pressure: 4,500 PSI (310 BAR)
- Burst Pressure: 10,000 PSI (690 BAR)
- Thread: 1/8 inch x 28PT
- 1 oz. of Grease: Per 40 strokes
- Length: Grease Gun W/Rigid Tube and Coupler: 21 inch (530mm)

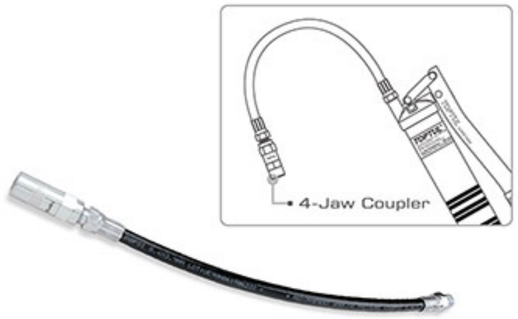
ITEM NO.	CAPACITY	16
JJAA1440	Standard 14 oz. Cartridge Pressure filler, Bulk 400 c.c. , L=21" (530mm)	

Lubrication - Grease Gun (Lever Type)
W/ 6" Rigid Tube & 12" Flexible Hose

- 4-Jaw Coupler for Better Grip
- Max. Working Pressure: 4,500 PSI (310 BAR)
- Burst Pressure: 10,000 PSI (690 BAR)
- Thread: 1/8 inch x 28PT
- 1 oz. of Grease: Per 40 strokes
- Length: Grease Gun W/Rigid Tube and Coupler: 21 inch (530mm)
  Flexible Whip Hose - 12 inch (300mm)

ITEM NO.	CONTENTS	16 (SET)
JGAE0201	1 JJAA1440 Lubrication - Grease Gun Standard 14 oz. Cartridge Pressure filler, Bulk 400 c.c. , L=21" (530mm) 1 JJAC1212 Flexible Nylon Grease Gun Hose L=12" (300mm)	

Flexible Nylon Grease Gun Hose



ITEM NO.	JJAC1212	12

- Rugged 12 inch long nylon material flexible hose attaches to grease gun to reach all fittings faster and easier in tight spots and awkward locations
- Apply to Grease Gun #JJAA1402、#JJAA1440、#JJBA1402、#JJCA1401

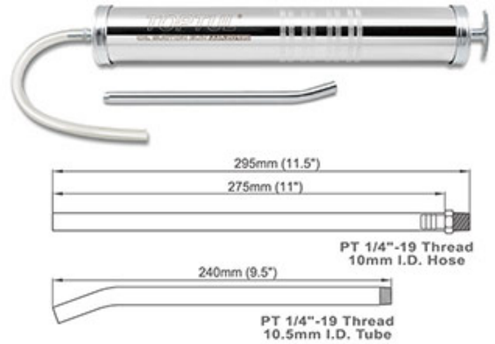
Metal Pressure Oil Can
NEW

- Forced feed pump design
- Thumb press lever action for easy one hand operation
- Ergonomic comfort-grip handle
- Material: Metal body, Brass pump, Nylon cover with handle
- Applied to lubricate the components of machines for steel and automotive industries etc.

ITEM NO.	CAPACITY c.c.	SPOUT HOSE TYPE	HOSE LENGTH (mm)	
NCAA0123	225	Flexible	135	25
NCAA0135	350	Flexible	135	25
NCAA0235	350	Rigid	115	25

Oil Suction Gun (Heavy Duty Type)

- Jumbo size high performance oil suction gun
- Chromed steel suction tube with T-bar type plunger
- Particularly useful for removal of oil from gearboxes and differentials
- Include one 9.5" rigid tube and one 11" flexible plastic hose



ITEM NO.	CAPACITY	20
JJAZ0135	35 oz. (1000 cc.) L=445mm (17.5")	

Plastic Pressure Oil Can
NEW

- Forced feed pump design
- Thumb press lever action for easy one hand operation
- Ergonomic comfort-grip handle
- Material: Plastic body, Brass pump, Nylon cover with handle
- Applied to lubricate the components of machines for steel and automotive industries etc.

ITEM NO.	CAPACITY c.c.	SPOUT HOSE TYPE	HOSE LENGTH (mm)	
NCAB0150	500	Flexible	135	25

Caulking Gun

- 9" ladder hook steel frame caulking gun
- Standard 300ml / 10 oz. cartridge
- Hardened and zinc-coated piston hex steel rod
- Riveted pressure plate & push rod
- Durable die-cast Zinc Alloy handle and trigger
- Quick release thumb lever
- Built-in seal puncture tool
- Thrust ratio: 10:1
- Ideal for latex, silicone, adhesives, sealant, rubber compound & polyurethanes

ITEM NO.	SIZE (inch)		
JJAY0902	9	10	30

Revolving Barrel Caulking Gun

- 9" ladder hook steel frame caulking gun
- Standard 300ml / 10 oz. cartridge
- Easy load, revolving open barrel
- Hardened and zinc-coated piston round steel rod
- Durable die-cast Aluminum Alloy handle and trigger
- Quick release thumb lever
- Additional eyelet to attach to a safety strap
- Thrust ratio: 13:1
- Ideal for latex, silicone, adhesives, sealant, rubber compound & polyurethanes

ITEM NO.	SIZE (inch)		
JJAY0903	9	5	15

Aluminum Tube Caulking Gun

- 9" ladder putter steel frame caulking gun
- Standard 300ml / 10 oz. cartridge
- Seamless die-cast Aluminum Alloy tube and durable trigger
- Riveted pressure plate & push rod
- Quick release thumb lever
- Additional eyelet to attach to safety strap
- Thrust ratio: 13:1
- Ideal for latex, silicone, adhesives, sealant, rubber compound & polyurethanes

• Includes 1 cone nozzle.

ITEM NO.	SIZE (inch)		
JJAY0904	9	5	15

Ratchet Pry Bar

- Made of Chrome Molybdenum Alloy Steel, hardened and sharpened tips guarantee high power transmission
- Ratchet mechanism for easy adjusting handle back and forth, allows application in areas with restricted access
- Adjustable head, lockable in various positions
- Dual purpose lock button switches between ratcheting or indexed angle setting functions
- Adjustable head with grooved design for enhancing the traction

○ JCDF2425

ITEM NO.	L(mm)	Locks Positions		
JCDF2425	725 (24")	7	2	4

○ JCDE1825

3PCS
Ratchet Pry Bar Set

- Made of Chrome Molybdenum Alloy Steel, hardened and sharpened tips guarantee high power transmission
- Ratchet mechanism for easy adjusting handle back and forth, allows application in areas with restricted access
- Adjustable head, lockable in various positions
- Dual purpose lock button switches between ratcheting or indexed angle setting functions

Black Phosphate Finished

ITEM NO.	L(mm)	Locks Positions		
JCDE0908	230 (9")	8	5	60
JCDE1212	305 (12")	8	5	40
JCDE1515	375 (15")	8	5	40
JCDE1825	595 (18")	7	2	4

ITEM NO.	GBAD0301
CONTENTS	6 (SET)
3 JCDE0908~1515 Ratchet Pry Bar 9", 12", 15" (L)	
METAL CASE: W370 x D154 x H50 (mm)	

Jumbo Pry Bar

- Used for all large prying, levering and positioning heavy duty applications
- Made of square Chrome Molybdenum Alloy Steel
- High impact go-through shank with steel cap
- Hardened and sharpened blade tips
- Extra large bi-component plastic PP+TPR material grip handle

CR-MO

ITEM NO.	TYPE	L(inch)		
JCCC2025	90 Degree Angle Tip Pry Bar (wide face)	25	2	8
JCCB2025	75 Degree Angle Tip Pry Bar (narrow face)	25	2	8
JCCD2031	Straight Pry Bar (wide face)	31	3	6
JCCD2036	Straight Pry Bar (wide face)	36	3	6
JCCA2036	30 Degree Angle Tip Pry Bar (wide face)	36	3	6

Pry Bar

- Made of Chrome Vanadium Steel
- Flat and bevelled tips allow application in areas with restricted access
- Solid square blades guarantee high power transmission

CR-V

Black Phosphate Finish

ITEM NO.	SIZE(inch)		
JCBA0608	8	5	80
JCBA9E12	12	5	30
JCBA1118	18	5	20
JCBA1124	24	5	10

4PCS
Jumbo Pry Bar Set

ITEM NO.	CONTENTS	2 (SET)
JGAI0401	1 JCCD2036 Straight Pry Bar - 36" (L)	
	1 JCCA2036 30 Degree Angle Tip Pry Bar - 36" (L)	
	1 JCCB2025 75 Degree Angle Tip Pry Bar - 25" (L)	
	1 JCCC2025 90 Degree Angle Tip Pry Bar - 25" (L)	

BLOW CASE: W1000 x D255 x H75 (mm)

4PCS
Mechanic Pry Bar Set

CR-V

Black Phosphate Finish

ITEM NO.	CONTENTS	8 (SET)
JGAT0402	4 JCBA0608~1124 Pry Bar 8", 12", 18", 24"	

File Tool

ITEM NO.	TYPE	L(inch)		
SDBC0821	Half Round File	8	5	60
SDBA0808	Square File	8	5	60
SDBD0808	Round File	8	5	60
SDBB0821	Flat File	8	5	60
SDBE0815	Triangle File	8	5	60

4PCS
File Set

ITEM NO.	CONTENTS	5 (SET)
GBAR0401	1 SDBC0821 Half Round File - 8"	
	1 SDBA0808 Square File - 8"	
	1 SDBD0808 Round File - 8"	
	1 SDBB0821 Flat File - 8"	

5PCS
File Set

ITEM NO.	CONTENTS	6 (SET)
GPAQ0503	1 SDBC0821 Half Round File - 8"	
	1 SDBA0808 Square File - 8"	
	1 SDBD0808 Round File - 8"	
	1 SDBB0821 Flat File - 8"	
	1 SDBE0815 Triangle File - 8"	

6PCS
Needle File Set

- High quality precision machined needle files
- Suitable for fine abrasion, profile cutting and finishing of common workshop materials
- 4mm diameter, overall length 160mm with 75mm of cutting surface

ITEM NO.	CONTENTS	25 (SET)
GNBA0601	1 SDNA0401 Knife Needle File	
	1 SDNA0402 Round Needle File	
	1 SDNA0403 Half Round Needle File	
	1 SDNA0404 Square Needle File	
	1 SDNA0405 Triangle Needle File	
	1 SDNA0406 Flat Needle File	

5PCS
Diamond Needle File Set

- High quality precision machined diamond needle files
- Perfect for filing off sharp edges, reshaping cuts or reaming drilled holes
- 4mm diameter, overall length 160mm with 65mm of #150 grit diamond coating surface

ITEM NO.	CONTENTS	25 (SET)
GNBA0501	1 SDNB0402 Round Diamond Needle File	
	1 SDNB0403 Half Round Diamond Needle File	
	1 SDNB0404 Square Diamond Needle File	
	1 SDNB0405 Triangle Diamond Needle File	
	1 SDNB0406 Flat Diamond Needle File	

TOPTUL
FILE SET SERIES

Telescopic Pipe Cutter

- Model with telescopic advance mechanism and uniform dimensions
- Grooved guide-rollers for cutting flanged tubes and close-to-flare cut
- For cutting Cooper and light alloy pipes
- Built-in retractable reamer
- High hardened & hard-wearing bearing steel cutting wheel (SUJ2)
- Large adjustment knurled knob
- Light Zinc Alloy body

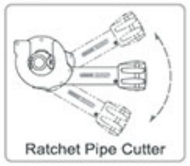
ITEM NO.	CUTTING CAPACITY Ø (mm)	L (mm)	Applications		
SEAA0332	3 - 32 (1/8" - 1-1/4")	135	Copper (wall thickness ≤ 1mm)	1	40

Spare Cutting Wheel

ITEM NO.	SIZE Ø (mm)		
SLAC1818	18	20	80

Ratchet Pipe Cutter

- Expert Quality, adjustable tubing cutter with handle and hardened steel blade
- Ratchets in 10-Degree increments while cutting 360-Degree around tube
- Robust Zinc Alloy ratchet mechanism, ideal for confined space applications
- Smooth cutting operation with 2 support rollers
- Cuts Copper, Aluminum, Plastic and Stainless Steel thin wall tubing
- Exclusive one hand operation
- Plastic housing with large knurled knob
- Spare cutting wheel supplied



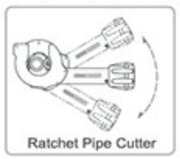
ITEM NO.	CUTTING CAPACITY Ø (mm)	L (mm)	Applications		
SEAC0828	8 - 28 (5/16" - 1-1/8")	170	Stainless Steel Tube (wall thickness ≤ 2mm) Copper, Aluminum & Plastic Tube (wall thickness ≤ 3mm)	6	36

Spare Cutting Wheel

ITEM NO.	SIZE Ø (mm)		
SLAB1818	18	20	80

Ratchet Pipe Cutter

- Expert Quality, adjustable tubing cutter with handle and hardened steel blade
- Ratchets in 6-Degree increments while cutting 360-Degree around tube
- Robust Zinc Alloy ratchet mechanism, ideal for confined space applications
- Cuts Copper, Aluminum, Plastic and Stainless Steel thin wall tubing
- Smooth cutting operation with 2 support rollers
- Exclusive one hand operation
- Plastic housing with large knurled knob
- Spare cutting wheel supplied



Spare Cutting Wheel

ITEM NO.	SIZE Ø (mm)		
SLAB1919	19	20	80

ITEM NO.	CUTTING CAPACITY Ø (mm)	L (mm)	Applications		
SEAC2867	28 - 67 (1-1/8" - 2-5/8")	250	Stainless Steel Tube (wall thickness ≤ 2mm) Copper, Aluminum & Plastic Tube (wall thickness ≤ 3mm)	1	12

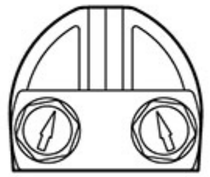
Plastic Pipe Cutter

(Additional black Nylon material pipe holding stand/adapter to be inserted into the jaw and enable to cut plastic material with flat or bevel surface such as plastic cable conduit, semicircle pipe and etc.)

- Ratchet mechanism model for an effortless progressive cutting action
- Light, die-cast Aluminum Alloy body
- Round jaw design for easy and quick hold of pipe
- Precision ground and heat treated Stainless Steel blade
- Suitable for cutting PVC, polyethylene, synthetic pipes, rubber hose and various kinds of plastic material pipe or tubing

ITEM NO.	OPEN MAX. CUTTING CAPACITY Ø (mm)	L (mm)		
SEAB4224	42 (1-5/8")	240	6	36

High Tensile Strength Bolt Cutter



HIGH TENSILE STRENGTH BOLT CUTTER

ITEM NO.	CUTTING CAPCITY Ø (mm)	LENGTH (inch)		
SBAB1205	6	12	1	20
SBAB1407	7	14	1	20

BOLT CUTTER CUTTING CAPACITY

Size	Soft Metal	Medium Metal
12"(300mm)	⌀ 6mm(1/4")	⌀ 4mm(5/32")
14"(350mm)	⌀ 7mm(9/32")	⌀ 5mm(3/16")

Heavy Duty Multi-Purpose Electricians Scissors

NEW

- Blade made from JIS SUS420 J2 Stainless Steel
- HRC 56 induction hardened cutting edges
- Cutting cable up to 70 mm²
- One blade is micro-serrated for non-slip cutting
- Crimp 1-16 mm² and 22-14 AWG insulated & non-insulated terminals
- Fiberglass-reinforced Nylon + TPV made ergonomic modern handles

ITEM NO.	Cutting Length (mm)	Cutting Cables (mm²)	L (mm)	Crimping Capacity (mm²)	Crimping Capacity (AWG)		
SBBA0516	43	70	160	1 - 16	22 - 14	12	120

Offset Tin Snips

Green - SBAD0224
Right and Straight Cut

Red - SBAD0124
Left and Straight Cut

- Meets or exceeds federal specification ANSI/ASME B107.16-1998 and German standard DIN 6438/11.71
- Drop forged Chrome-Molybdenum Alloy Steel blades
- Induction hardened cutting edges HRC 60 - 62
- Precision, serrated cutting jaws ensure quality result
- Cuts up to 1.2mm cold rolled steel or 0.7mm AISI-304 Stainless Steel

Cuts extremely hard metals of hardness of HRC 40 (0.8m/m), such as stainless steel and more.

ITEM NO.	Offset Tin Snips	Cutting Length (mm)	L(mm)		
SBAD0124	Left cut	35	240	6	48
SBAD0224	Right cut	35	240	6	48

Aviation Tin Snips

Green - SBAC0225
Right Cut

Yellow - SBAC0325
Straight cut

Red - SBAC0125
Left Cut

- Meets or exceeds federal specification ANSI/ASME B107.16-1998 and German standard DIN 6438/11.71
- Drop forged Chrome-Molybdenum Alloy Steel blades
- Induction hardened cutting edges HRC 60 - 62
- Precision, serrated cutting jaws ensure quality result
- Cuts up to 1.2mm cold rolled steel or 0.7mm AISI-304 Stainless Steel

Cuts extremely hard metals of hardness of HRC 40 (0.6m/m), such as stainless steel and more.

ITEM NO.	Aviation Tin Snips	Cutting Length (mm)	L(mm)		
SBAC0125	Left cut	35	248	6	48
SBAC0225	Right cut	35	248	6	48
SBAC0325	Straight cut	35	250	6	48

Multi-Purpose Electricians Scissors

- Specially designed for repair service use
- Heavy-duty high carbon Stainless Steel. Mighty Molybdenum and Vanadium Alloy blades
- Precision hollow-ground and hardened long-lasting cutting edge
- Micro-serration blade design for strong grips on cutting objects
- Extension tang design to increase overall input leverage
- High grade Nylon-made ergonomic modern handles (with 30% fiberglass)

ITEM NO.	Cutting Length (mm)	Cutting Cables (mm²)	L (mm)		
SBAA0414	42	22	138	8	64

Straight Pattern Snips

All-PURPOSE

- Meets or exceeds federal specification ANSI/ASME B107.16-1998 and German standard DIN 6438/11.71
- Drop forged high grade tool steel construction
- Induction hardened cutting edges HRC 58 - 61

ITEM NO.	Cutting Length (mm)	L (mm)		
SBAE0808	40	200 (8")	8	48
SBAE1010	51	250 (10")	6	36
SBAE1212	70	300 (12")	6	24

Universal Straight Tin Snips

NEW

- Drop forged body for strength and durability
- Induction hardened & precision machined cutting edges
- High-leverage design for optimum cutting power
- Spring-assisted opening for one handed operation
- Safety lock keeps snip securely closed when not in use
- Suitable for cutting sheet metal and other materials (paper, cardboard, foil, leather etc.)
- Non-slip, comfort plastic coating handles

Always wear safety goggles, gloves at all time while working

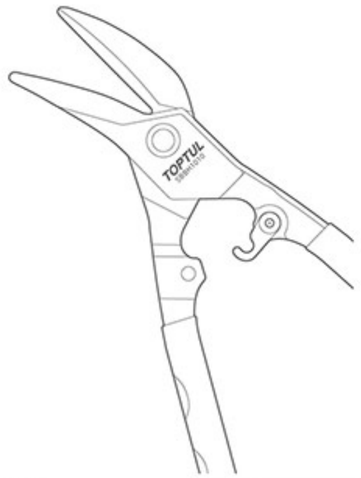
ITEM NO.	L (mm)	Cutting Length (mm)	Cutting Capacities (mm) Copper	Cold-Rolled Steel	Stainless Steel		
SBAH0707	185(7")	30	1.2	1.2	0.8	12	96
SBAH1010	255(10")	45	1.5	1.2	0.8	6	48
SBAH1313	334(13")	60	1.5	2.0	1.2	6	36

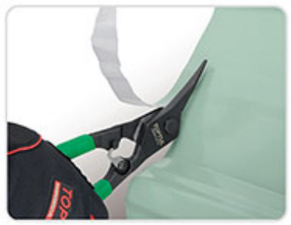
Universal Angled Tin Snips

NEW

- Drop forged body for strength and durability
- Induction hardened & precision machined cutting edges
- High-leverage design for optimum cutting power
- Spring-assisted opening for easy one handed operation
- Safety lock keeps snip securely closed when not in use
- Suitable for cutting sheet metal and other materials (paper, cardboard, foil, leather etc.)
- Bended head design for easy bending sheet materials away from fingers and decrease cutting risk during application
- Non-slip, comfort plastic coating handles

Always wear safety goggles, gloves at all time while working





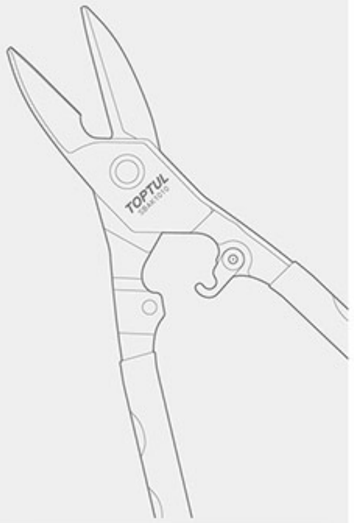
ITEM NO.	L (mm)	Cutting Length (mm)	Cutting Capacities (mm)				
			Copper	Cold-Rolled Steel	Stainless Steel		
SBBH1010	252(10")	45	1.2	1.2	0.8	6	48

Multi Purpose Tin Snips

NEW

- Drop forged body for strength and durability
- Induction hardened & precision machined cutting edges
- High-leverage design for optimum cutting power
- Spring-assisted opening for easy one handed operation
- Safety lock keeps snip securely closed when not in use
- Suitable for cutting sheet metal and other materials (paper, cardboard, foil, leather etc.)
- Unique cutting edge for easy cutting cable
- Non-slip, comfort plastic coating handles

Always wear safety goggles, gloves at all time while working



ITEM NO.	L (mm)	Cutting Length (mm)	Cutting Capacities (mm)				
			Copper	Cold-Rolled Steel	Stainless Steel		
SBAK1010	255(10")	45	1.2	1.2	0.8	6	48

Multi-Purpose Hacksaw

- Multi-angle blade adjustment - 45°, 90°, 135° & 180°
- Fully adjustable blade tension
- High blade tension for straight accurate cut (including flush cut)
- Two-hand grip for comfort and easy operation
- Quick and easy blade change
- ABS+TPR plastic ergonomic designed & anti-slip handle
- Shatterproof premium quality blade for excellent cutting performance
- Handy blade storage in tubular frame (stored up to 3pcs spare blade)
- Ideal for cutting metal and Aluminum tube, sheets and hard plastics
- Blade: 300mm (12" / 24 TPI), 0.6mm (T)

■ Adjustable Tension Knob

■ To loosen the knob for multi-angle adjustment

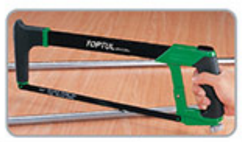
■ Replace the New Blade

■ Press the Button to Pull the Metal Tube (Easy access to spare blade storage)

ITEM NO.	BLADE SIZE (inch)		
SAAA3051	12	12	24

Heavy Duty Hacksaw

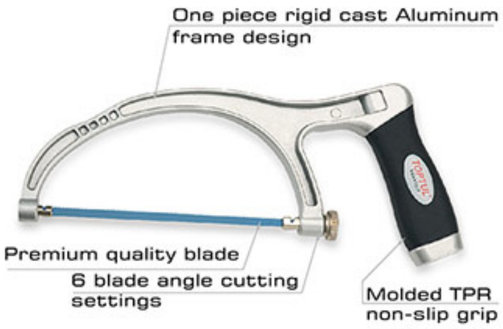
- Robust die cast Aluminum frame
- Easy and smooth blade tension adjustments - 45°& 90°blade cutting angle
- Shatterproof premium quality blade



ITEM NO.	BLADE SIZE (inch)		
SAAA3013	12	6	24

Deluxe Mini Hacksaw

- Industrial grade high strength hacksaw
- Premium quality blade
- 6 blade angle settings
- TPR material grip handle



ITEM NO.	BLADE SIZE (inch)		
SAAA1527	6	12	72

High Speed Steel Hacksaw Blades

- Attaches To Heavy Duty Hacksaw #SAAA3013 / #SAAA3051

ITEM NO.	BLADE SIZE (inch)		
SAAB2430	12	100	800

High Speed Steel Hacksaw Blades

- Attaches To Deluxe Mini Hacksaw #SAAA1527

ITEM NO.	BLADE SIZE (inch)		
SAAB2415	6	100	800

Utility Knife
(W/Spare Blade)

- Snap-off blades, 8 sharp points snap segment blades
- Premium quality tool steel blade (SK5)
- Stainless Steel blade guide for strength and rust resistance
- Rugged ABS housing
- Blade lock knob
- Blade Dimension: (W)18mm x (L)100mm (0.5mm thick)

■ Blade Lock Knob

■ Supplied with 2 Spare Blades in Handle Storage

■ Tail Piece Snaps Off Blunt Blades

ITEM NO.	LENGTH (mm)		
SCAD1817	165	12	240

Auto Reload Utility Knife
(W/Spare Blade)

- Automatically reloading snap-off blades
- Premium quality tool steel blade (SK2)
- Stainless Steel blade guide
- Ergonomic bi-component ABS+TPR anti-slip plastic handle
- Blade lock knob
- 4-blade quick change cartridge
- Blade Dimension: (W)18mm x (L)100mm (0.5mm thick)
- Includes 4 blades

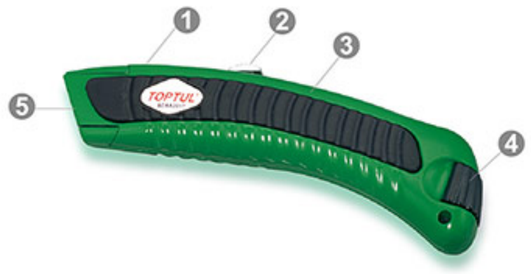
■ Tail Piece Snaps Off Blunt Blades

■ Blade Lock Knob

■ 4-Blade Cartridge

ITEM NO.	LENGTH (mm)		
SCAC1817	165	12	72

Heavy Duty Utility Knife With Spare Blade



1 Curved handle design with slip-resistant grip for comfort and ease of use
2 Retractable blade locks in 4 positions
3 Unique comfort texture for firm and strong grip
4 Intergraded smart opening trigger in design. No tools required for quick blade changes
5 Safe overlapping knife design surrounds blade for heavy duty cutting

ITEM NO.	LENGTH (mm)		
SCAA2017	165	12	72

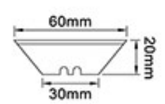
10PCS
Replacement Utility Knife Spare Blade Set

- Attaches to auto reload utility knife #SCAC1817 / #SCAD1817
- Supplied in 10 piece spare blade cartridge

ITEM NO.		
SCAB18A0		24 (SET)

- Blade Dimension: (W)18mm x (L)100mm
- Blade Thickness: 0.5 mm

10PCS
Utility Knife Blade Set



- Attaches to heavy duty utility knife #SCAA2017

ITEM NO.		
SCAB2060		25 (SET)

- Blade Dimension: (W)20mm x (L)60mm
- Blade Thickness: 0.6 mm

H.S.S. Bi-Metal Hole Saw
(Industrial Quality)

- High speed steel cutting edge
- 4/6T variable pitch rake teeth
- Bi-metal construction for toughness and long service life
- Cut through various types of Steel, Stainless Steel, Brass, Aluminum, plastic, hardwood, plywood and other materials
- Cutting Depth: 47mm

ITEM NO.	Cutting Diameter Ø (mm)	L (mm)		
SAAC4714	14	66	1	150
SAAC4716	16	66	1	150
SAAC4717	17	60	1	150
SAAC4719	19	60	1	150
SAAC4720	20	60	1	150
SAAC4722	22	60	1	100
SAAC4725	25	60	1	100
SAAC4727	27	60	1	100
SAAC4729	29	60	1	100
SAAC4735	35	60	1	100
SAAC4737	37	60	1	100
SAAC4738	38	60	1	100
SAAC4741	41	60	1	100
SAAC4744	44	53	1	100
SAAC4751	51	53	1	100
SAAC4754	54	53	1	100
SAAC4757	57	53	1	100
SAAC4760	60	53	1	100
SAAC4762	62	53	1	100
SAAC4764	64	53	1	100
SAAC4765	65	53	1	100
SAAC4776	76	53	1	50
SAAC4789	89	53	1	50
SAAC4792	92	53	1	50

Bi-Metal Hole Saw Arbor (14 - 30MM)

- Hole saw arbor with 1/4" diameter high speed steel (HSS) pilot drill
- Hex shank improves the chuck grip
- Hardened mandrel for long thread life
- Removable pilot drill for easy replacement
- Fit bi-metal hole saw size 14 to 30mm (9/16" to 1-3/16")

ITEM NO.	Applicable Diameter (For Bi-Metal Hole Saw) Ø(mm)	Hex Shank (mm)	Chuck Size (inch)	Screw Thread		
SAAD1401	14 - 30	11 (7/16")	1/2	1/2"-20 UNF	1	50

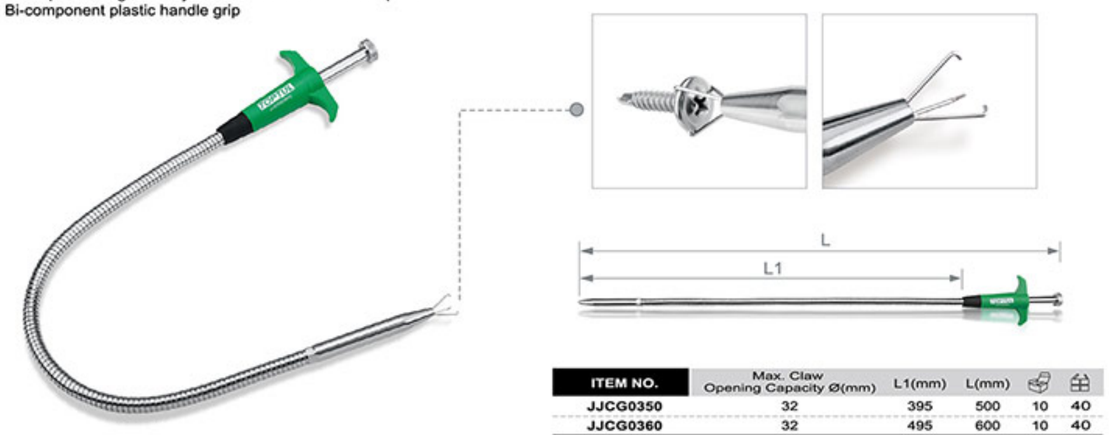
Bi-Metal Hole Saw Arbor (32 - 210MM)

- Hole saw arbor with 1/4" diameter high speed steel (HSS) pilot drill
- Hex shank improves the chuck grip
- Hardened mandrel for long thread life
- Pin lock the hole saw to prevent over-tightening
- Removable pilot drill for easy replacement
- Fit bi-metal hole saw size 32 - 210mm (1-1/4" to 8-9/32")

ITEM NO.	Applicable Diameter (For Bi-Metal Hole Saw) Ø(mm)	Hex Shank (mm)	Chuck Size (inch)	Screw Thread		
SAAD1402	32 - 210	11 (7/16")	1/2	5/8"-18 UNF	1	50

3-Claw Pick-Up Tool

- Retractable 3-clawed pincers with push-button control
- Flexible shaft holds shape to reach around obstacles
- Pick up non-magnetic objects such as electronic components
- Bi-component plastic handle grip



ITEM NO.	Max. Claw Opening Capacity Ø(mm)	L1(mm)	L(mm)		
JJCG0350	32	395	500	10	40
JJCG0360	32	495	600	10	40

Telescoping Magnetic Pick-Up Tool

- Extends from 130 - 640mm long
- Telescoping shaft lifting capacity 3.5 LBS

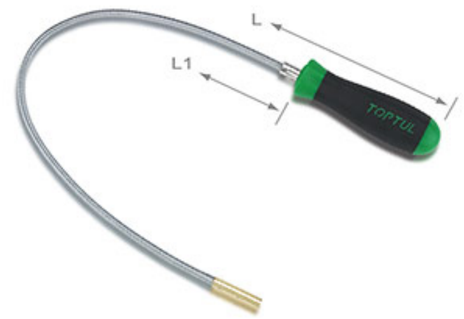
ITEM NO.	MAGNET(lbs)	LENGTH(mm)		
JJAG3E63	3.5 (1.6kgs)	130 - 640	24	384

Telescoping Magnetic Pick-Up Tool

ITEM NO.	MAGNET(lbs)	LENGTH(mm)		
JJAG3E68	3.5 (1.6kgs)	417 - 680	24	72

Magnetic Flexible Handle

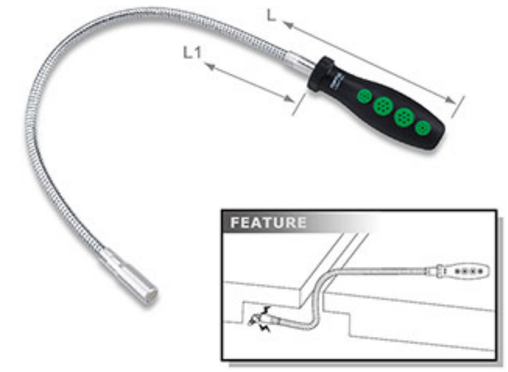
- Flexible shaft holds shape and can retrieve at hard-to-reach angles and around obstructions
- Magnetic capacity: 0.5kgs (1.1lbs)



ITEM NO.	L1(mm)	L(mm)		
JJAD0512	305 (12")	420 (16-1/2")	10	60
JJAD0518	457 (18")	572 (22-1/2")	10	60

Magnetic Flexible Handle

- Strong shaft bends and holds in all position
- Magnetic capacity: 1.6kgs (3.5lbs)



ITEM NO.	L1(mm)	L(mm)		
JJAD1423	475 (19")	585	12	48

Telescoping Inspection Mirror with LED Light

NEW

- Mirror with LED light for better checking in dark areas
- 360° swivel double ball joint for easy adjusting various angle and provides fine visibility in concealed areas
- Plastic shock proof frame to protect mirror
- One CR2025 3V battery included
- Ergonomic plastic handle

ITEM NO.	MIRROR SIZE W x L (mm)	LENGTH(mm)		
JJAM0397	44 x 66	275 - 965	30	120

Telescoping Inspection Mirror with LED Light

NEW

- Mirror with LED light for better checking in dark areas
- 360° swivel double ball joint for easy adjusting various angle and provides fine visibility in concealed areas
- Plastic shock proof frame to protect mirror
- One CR2025 3V battery included
- Ergonomic plastic handle

ITEM NO.	MIRROR DIAMETER	LENGTH(mm)		
JJAM0495	55mm	262 - 950	30	120

Magnifying Telescoping Inspection Mirror with LED Light

NEW

- Magnifies image for detailed inspection
- Mirror with LED light for better checking in dark areas
- 360° swivel double ball joint for easy adjusting various angle and provides fine visibility in concealed areas
- Plastic shock proof frame to protect mirror
- One CR2025 3V battery included
- Ergonomic plastic handle

ITEM NO.	MIRROR DIAMETER	LENGTH(mm)		
JJAM0596	55mm	268 - 955	30	120

Telescoping Inspection Mirror

ITEM NO.	MIRROR DIAMETER	LENGTH(mm)		
JJAM0242	57mm	283 - 420	25	100

Telescoping Inspection Mirror

ITEM NO.	MIRROR SIZE W x L (mm)	LENGTH(mm)		
JJAM0144	50 x 90	307 - 443	25	100

Tool Lanyard

- Fitted with one Aluminum Alloy carabiner hook
- Locking wire with spring hook and strength webbing with an elastic inner core
- Retractable tool lanyard for securing tools when working at heights
- Applicable: Drilling derricks, wind turbines, cranes, buildings, scaffolds, bridges, telecom masts and etc.

ITEM NO.	Stretches Capacity (mm)	Max. Tool Load (kg)	Strap Width (mm)		
NAAA1705	830 - 1520	5	17	12	144

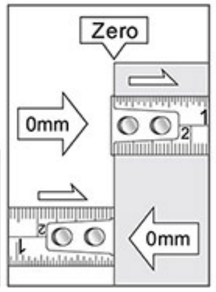
Tool Lanyard

- Fitted with two Zinc Alloy carabiner hook
- Locking wire with spring hook and strength webbing with an elastic inner core
- Retractable tool lanyard for securing tools when working at heights
- Strength webbing tail provide retrofit attachment points for a variety of tools and equipment
- 360° swivel hook prevents tangles and increases working efficiency
- Applicable: Drilling derricks, wind turbines, cranes, buildings, scaffolds, bridges, telecom masts and etc.

ITEM NO.	Stretches Capacity (mm)	Max. Tool Load (kg)	Strap Width (mm)		
NABB1705	750 - 1390	5	17	12	144

Heavy Duty Measuring Tape

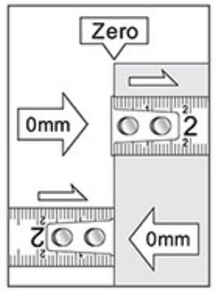
- High impact resistant ABS case with soft grip
- Nylon coated steel tape for maximum corrosion protection & wear resistance
- Shock-Absorbing blade return bumper
- Double locking system, pause button allows blade to be stopped in any position
- Self-aligning end hook for very accurate internal/external measurements
- Decimal in red marking
- Dual scale reading in both Metric and Imperial
- Precision Class II



ITEM NO.	SIZE	TAPE WIDTH(inch)		
IAAC1903	3M/10FT	3/4" (19mm)	6	48
IAAC1905	5M/16FT	3/4" (19mm)	6	48
IAAC2508	8M/26FT	1" (25mm)	6	48
IAAC3010	10M/33FT	1-3/16" (30mm)	3	36

Heavy Duty Metric Measuring Tape

- High impact resistant ABS case with soft grip
- Nylon coated steel tape for maximum corrosion protection & wear resistance
- Shock-Absorbing blade return bumper
- Double locking system, pause button allows blade to be stopped in any position
- Self-aligning end hook for very accurate internal/external measurements
- Decimal in red marking
- Scale in Metric size only
- Measuring accuracy according to EC accuracy class II



ITEM NO.	SIZE	TAPE WIDTH		
IAAC1903M	3M	19mm	6	48
IAAC1905M	5M	19mm	6	48
IAAC2508M	8M	25mm	6	48

12PCS ★

Measuring Tape Set W/Display Box

- Easy access, sliding thumb lock
- High impact Stainless Steel case with Nylon protected
- Double riveted end hook for lasting durability
- Shock-absorbing blade return bumper

ITEM NO.	CONTENTS	
IAAB2508S	12 8M/27FT x 25mm (1")	4

Professional Threaded Coil-Insert Repair Kit

- Ideal for repairing stripped or damaged threaded
- Suitable for machine construction, engine repair and other automotive applications

9PCS
Professional Threaded Coil-Insert Repair Kit
(For Spark Plug Thread)

ITEM NO.	CONTENTS	10 (SET)
JGEW0901	5 Stainless Steel Screw Coil Inserts M14×1.25mm (L=20mm)	
	1 Install Tools M14×1.25 mm	
	1 HSS Thread Tap M14×1.25 mm	
	1 HSS Twist Drills M14 (Ø14.5mm)	
	1 Pin Breaking Tools M14	

PLASTIC BOX: W164 x D105 x H26 (mm)

14PCS
Professional Threaded Coil-Insert Repair Kit
(M12x1.75)

ITEM NO.	CONTENTS	10 (SET)
JGEW1401	10 Stainless Steel Screw Coil Inserts M12×1.75mm×1.5D (L=18mm)	
	1 Install Tools M12×1.75 mm	
	1 HSS Thread Tap M12×1.75 mm	
	1 HSS Twist Drills M12 (Ø12.4mm)	
	1 Pin Breaking Tools M12	

PLASTIC BOX: W164 x D105 x H26 (mm)

19PCS
Professional Threaded Coil-Insert Repair Kit
(M10x1.5)

ITEM NO.	CONTENTS	10 (SET)
JGEW1901	15 Stainless Steel Screw Coil Inserts M10×1.5mm×1.5D (L=15mm)	
	1 Install Tools M10×1.5 mm	
	1 HSS Thread Tap M10×1.5 mm	
	1 HSS Twist Drills M10 (Ø10.4mm)	
	1 Pin Breaking Tools M10	

PLASTIC BOX: W164 x D105 x H26 (mm)

24PCS
Professional Threaded Coil-Insert Repair Kit
(M8x1.25)

ITEM NO.	CONTENTS	10 (SET)
JGEW2403	20 Stainless Steel Screw Coil Inserts M8×1.25mm×1.5D (L=12mm)	
	1 Install Tools M8×1.25 mm	
	1 HSS Thread Tap M8×1.25 mm	
	1 HSS Twist Drills M8 (Ø8.3mm)	
	1 Pin Breaking Tools M8	

PLASTIC BOX: W164 x D105 x H26 (mm)

Professional Threaded Coil-Insert Repair Kit

24PCS
Professional Threaded Coil-Insert Repair Kit
(M6x1.0)

ITEM NO.	CONTENTS	12 (SET)
JGEW2402	20 Stainless Steel Screw Coil Inserts M6×1.0mm×1.5D (L=9mm)	
	1 Install Tools M6×1.0 mm	
	1 HSS Thread Tap M6×1.0 mm	
	1 HSS Twist Drills M6 (Ø6.3mm)	
	1 Pin Breaking Tools M6	

PLASTIC BOX: W160 x D80 x H19 (mm)

24PCS
Professional Threaded Coil-Insert Repair Kit
(M5x0.8)

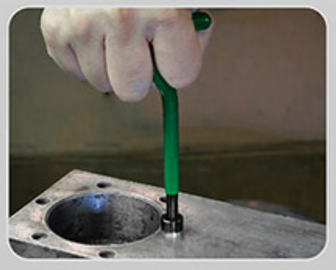
ITEM NO.	CONTENTS	12 (SET)
JGEW2401	20 Stainless Steel Screw Coil Inserts M5×0.8mm×1.5D (L=7.5mm)	
	1 Install Tools M5×0.8 mm	
	1 HSS Thread Tap M5×0.8 mm	
	1 HSS Twist Drills M5 (Ø5.2mm)	
	1 Pin Breaking Tools M5	

PLASTIC BOX: W160 x D80 x H19 (mm)

1. Drill out damaged thread using correctly sized drill bit

2. Tap re-drilled hole using tap

3. Load coiled insert into applicator



4. Screw coil into casting

5. Using pin breaking tool, break off pin on insert

6. Thread is repaired and ready to use

130PCS
Professional Threaded Coil-Insert Repair Kit

- Ideal for repairing and restoring damaged threads, suitable for machine construction, engine repair and other automotive applications
- For most commonly used metric bolt sizes
  Thread insert sizes M5, M6, M8, M10 and M12
- Each size includes stainless steel screw coils, high speed steel thread tap & twist drill, installation tools and pin breaking tools

1. Drill out damaged thread using correctly sized drill bit

2. Tap re-drilled hole using tap

3. Load coiled insert into applicator

4. Screw coil into casting

5. Using pin breaking tool, break off pin on insert

6. Thread is repaired and ready to use

ITEM NO.	CONTENTS	8 (SET)
JGAD130A	110 **Stainless Steel Screw Coil Inserts** 25PCS- M5x0.8mmx1.5D (L=7.5mm) 25PCS- M6x1.0mmx1.5D (L=9.0mm) 25PCS- M8x1.25mmx1.5D (L=12.0mm) 25PCS- M10x1.5mmx1.5D (L=15.0mm) 10PCS- M12x1.75mmx1.5D (L=18.0mm) 5 **Twist Drills** M5 (Ø5.2mm), M6 (Ø6.3mm), M8 (Ø8.3mm), M10 (Ø10.4mm), M12 (Ø12.4mm) 5 **Thread Taps** M5x0.8mm, M6x1.0mm, M8x1.25mm, M10x1.5mm, M12x1.75mm **Installation Tools** 5 M5, M6, M8, M10, M12 **Pin Breaking Tools** 5 M5, M6, M8, M10, M12	

METAL CASE: W357 x D221 x H28 (mm)

3PCS
Damaged Screw Remover Set

- Removes damaged Phillips, Slotted, Star and Square screws and etc.
- Special hardened steel bits for secure bite on damaged fasteners
- 1/4" hex shank fits drill, sockets and screwdrivers
- Material: Ball Bearing Steel (SUJ2)

Screw extractor bit plows into the head of a damaged screw and turn it out quickly and easily!

ITEM NO.	CONTENTS	10 (SET)
JGAW0301	#1, #2, #3	

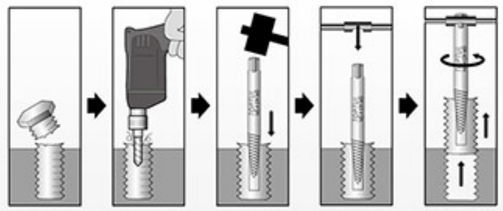
Spot Weld Drill Bit

- Special drill bit for the removal of spot welds
- Flat Ground for strength
- Self centering tip minimizes walking
- Made of High Speed Steel (HSS) with 8% Cobalt
- Titanium coated hardened tip

ITEM NO.	SIZE(mm)	L1(mm)	L(mm)		
JJAX0817	Ø 8	17	45	18	216
JJAX0821	Ø 8	21	80	16	192

5PCS
Screw Extractor Set (CR-MO)

ITEM NO.	CONTENTS	25 (SET)
JGAW0501	5 1/8", 1/4", 5/16", 7/16", 9/16"	



To use, a small hole needs to be drilled in the centre of the rogue screw and the correct sized extractor inserted. The extractors are threaded in the opposite direction to conventional screw threads. When the extractor is tightened in an anti-clockwise direction, it begins to loosen the screw.

40PCS
Tap & Die Set

ITEM NO.	CONTENTS	10 (SET)
JGAI4001	34 **Tap & Die** M3x0.5, M3x0.6, M4x0.7, M4x0.75, M5x0.8, M5x0.9, M6x0.75, M6x1.0, M7x0.75, M7x1.0, M8x1.0, M8x1.25, M10x1.25, M10x1.5, M12x1.25, M12x1.5, 1/8 NPT-27 1 **Die Stock Handle** 1" / 25mm O.D. 1 **Tap Wrench** M3 - M12 1 **T-Type Tap Wrench** M3 - M6 1 **Screw Pitch Gauge** 0.5, 0.6, 0.7, 0.75, 0.8, 0.9, 1.0, 1.25, 1.5, 1.75, 27, 28 1 **Slotted Screwdriver** 0.6x3mm L=93mm 1 **Blow Case** W300xD230xH53mm	

BLOW CASE: W300 x D230 x H53 (mm)

5PCS
Screw Extractor Set (CR-MO)

ITEM NO.	CONTENTS	25 (SET)
JGAW0502	5 7/64", 9/64", 5/32", 1/4", 19/64"	

Nut Splitter (CR-V)

ITEM NO.	SIZE(mm)	L(mm)		
DAAX1A12	9 - 12	76	20	240
DAAX1A16	12 - 16	94	10	120
DAAX1A22	16 - 22	124	5	40
DAAX1A27	22 - 27	150	2	32

4PCS
Nut Splitter Set (CR-V)

- For the safe removal of corroded or damaged nuts without damaging bolt threads
- Drop forged steel body hardened and tempered with chrome plated
- Threaded splitting pin manufactured from Chrome Vanadium Steel with black phosphate finish
- Packed in blow molded case

ITEM NO.	CONTENTS	10 (SET)
GAAI0402	4 **DAAX1A12~1A27** 9 - 12 mm, 12 - 16 mm, 16 - 22 mm, 22 - 27 mm	

BLOW CASE: W260 x D170 x H60 (mm)

Tweezers

- JJAV0312
- JJAV0212
- JJAV0112
- JJAV0411

- Made of Stainless Steel
- Precision tweezers for working on fine installation and assembly work

ITEM NO.	LENGTH (mm)		
JJAV0312	115	30	480
JJAV0212	120	30	480
JJAV0112	116	30	480
JJAV0411	112	30	480

4PCS

Tweezers Set

ITEM NO.	CONTENTS	20 (SET)
JGAA0401	4 JJAV0312~0411 Tweezers	

6PCS

1/2" DR. Impact Driver Set

ITEM NO.	CONTENTS	20 (SET)
GAAD0602	1 FIAA1615 1/2" Dr. Impact Driver - 145mm (L)	
	1 FTAB1610 Quick Change Bit Holder 1/2" Dr. x 5/16" (H) - 38mm (L)	
	2 FSAC1008 & 1010 5/16" Hex Shank Slotted Insert Bits 1.2 x 8 mm & 1.6 x 10 mm - 36mm (L)	
	2 FSBC1002 & 1003 5/16" Hex Shank Phillips Insert Bits PH2 & PH3 - 36mm (L)	

METAL CASE: W196 x D70 x H47 (mm)

3 Row Stainless Steel Wire Scratch Brush

- 3 rows of rustproof Stainless Steel wire
- Kiln-dried hardwood for maximum tuft retention
- Angle pattern curved handle, hang-up hole for convenient storage
- Ideal for removing rust, corrosion, paint and all general surface cleaning
- Fill pattern: 3 Rows of 15
- Bristle length: 25mm
- Brush dimension: (L)290 x (W)27 x (H)46mm

ITEM NO.	LENGTH (mm)		
NBAA0315	290	12	72

Brake Calliper Brush

- 2 rows of rustproof Stainless Steel wire
- Slim body design
- Hang-up hole for convenient storage
- Ideal for removing dust, rust from brake calliper and all general surface cleaning
- Fill pattern: 2 Rows
- Bristle length: 27mm
- Brush dimension: (L)219 x (W)13.5 x (H)48mm

ITEM NO.	LENGTH (mm)		
NBBA0212	219	10	60

8PCS

1/2" DR. Impact Driver Set

ITEM NO.	CONTENTS	20 (SET)
GAAD0808	1 FIAA1615 1/2" Dr. Impact Driver - 145mm (L)	
	1 FTAB1610 Quick Change Bit Holder 1/2" Dr. x 5/16" (H) - 38mm (L)	
	2 FSAC1008 & 1010 5/16" Hex Shank Slotted Insert Bits 1.2 x 8 mm & 1.6 x 10 mm - 36mm (L)	
	2 FSBC1002 & 1003 5/16" Hex Shank Phillips Insert Bits PH2 & PH3 - 36mm (L)	
	2 FSBD1002 & 1003 5/16" Hex Shank Phillips Insert Bits PH2 & PH3 - 80mm (L)	

METAL CASE: W196 x D70 x H47 (mm)

Angel Nozzle Air Blow Gun

- Ideal for cleaning and removing swarf or dust during assembly
- Angled nozzle enable to reach into tight places
- Steel nozzle with non-slip handle
- Working pressure: 70 - 120 PSI / 5.0 - 8.0 kgs
- Max pressure: 160 PSI / 11 kgs
- Sound pressure: 85 - 90 dB
- Air consumption (90 PSI): 1/4" Hose - 9 CFM (250 l/min)

ITEM NO.	INLET(inch)	TUBE LENGTH(inch)		
KAGA0204	1/4	4	30	60
KAGA0210	1/4	10	25	50

20PCS

Metric Feeler Gauge (Tapered Tips)

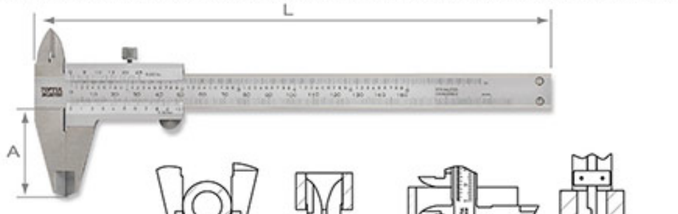
- 20 Blades made of hardened Spring Steel
- Thumb notch design of blade protector to aid in removal of blades
- Chrome plated steel protector with locking knurl nut

- CONTENTS
  0.05, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 0.95, 1.00mm

ITEM NO.	Number of Blades	Blade Length	Blade Width	Blade Thickness Range		
ICAA0020	20	100mm	10mm	0.05 - 1.00mm	50	200

Stainless Steel Vernier Caliper

- Made of fully hardened Stainless Steel
- Accuracy: ±0.02 mm
- Graduations: 0.02 mm / 0.001 inch
- Measuring bar in both metric and imperial measurement
- Easy to read clear black engraved graduations
- For inside, outside, step and depth measurements
- Lock screw for sliding jaw
- Supplied in plastic case



ITEM NO.	Measuring Range (mm)	A (mm)	L (mm)		
IACA0150	0 - 150	40	235	1	20

Magnetic Trays

ITEM NO.	SIZE(mm)		
JJAF1506	Ø150 x H42	1	30
JJAF2414	L240 x W140 x H42	1	20

26PCS

Inch Feeler Gauge (Rounded Tips)

- 26 Blades made of hardened Spring Steel
- Dual marked blades for both imperial and metric sizes
- Thumb notch design of blade protector to aid in removal of blades
- Chrome plated steel protector with locking knurl nut

- CONTENTS
  0.0015", 0.002", 0.0025", 0.003", 0.004", 0.005", 0.006", 0.007", 0.008", 0.009", 0.010", 0.011", 0.012", 0.013", 0.014", 0.015", 0.016", 0.017", 0.018", 0.019", 0.020", 0.021", 0.022", 0.023", 0.024", 0.025"

ITEM NO.	Number of Blades	Blade Length	Blade Width	Blade Thickness Range		
ICBA1026	26	3-1/2" (90mm)	1/2" (12.7mm)	0.0015" - 0.025" (0.04 - 0.63mm)	50	200

INFORMATION

Components & Spare Parts

Torque Wrench - Ratchet Wheel Repair Kits

ITEM NO.	DRIVE	APPLY TO
ALAD0803	1/4"	ANAF0803, ANAG0825
ALAD1203	3/8"	ANAF1203, ANAG1225, ANAL0412
ALAD1211	3/8"	ANAF1211, ANAG1208
ALAD1621	1/2"	ANAF1621, ANAG1615
ALAD1635	1/2"	ANAF1635, ANAG1625, ANAL0116
ALAD2450	3/4"	ANAF2450, ANAA2470, ANAA2498, ANAG2430, ANAB2460, ANAB2470
ALAD3298	1"	ANAA3298, ANAB3270

Torque Wrench - Ratchet Wheel Repair Kits

ITEM NO.	DRIVE	APPLY TO
ALAJ1619	1/2"	ANAC1607, ANAC1608, ANAC1610, ANAC1612, ANAC1614

Torque Wrench - Ratchet Wheel Repair Kits

ITEM NO.	DRIVE	APPLY TO
ALAH0803	1/4"	ANAM0803
ALAH1205	3/8"	ANAM1205
ALAH1610	1/2"	ANAM1610, ANAM1620, ANAM1630, ANAM1640
ALAH2455	3/4"	ANAM2455
ALAH2475	3/4"	ANAM2475
ALAH32A0	1"	ANAM32A0

Torque Wrench - Ratchet Wheel Repair Kits

ITEM NO.	DRIVE	APPLY TO
ALAL0803	1/4"	ANAS0803, DT-030N
ALAL1211	3/8"	ANAS1211, DT-100N
ALAL1621	1/2"	ANAS1621, DT-200N
ALAL1635	1/2"	ANAS1635
ALAL2480	3/4"	ANAS2480

Torque Wrench - Ratchet Wheel Repair Kits

ITEM NO.	DRIVE	APPLY TO
ALAM0803	1/4"	ANAU0803
ALAM1210	3/8"	ANAU1210
ALAM1620	1/2"	ANAU1620
ALAM1634	1/2"	ANAU1634
ALAM2475	3/4"	ANAU2475
ALAM32A0	1"	ANAU32A0

Swivel Handle Repair Kits

ITEM NO.	DRIVE	APPLY TO
CLAA0808	1/4"	CFAC0806, CFKA0806
CLAA1212	3/8"	CFAC1210, CFKA1210
CLAA1616	1/2"	CFAC1610, CFAC1615, CFKA1615
CLAA2424	3/4"	CFAC2418, CFAC2424

Extra Long Swivel Handle Repair Kits

ITEM NO.	DRIVE	APPLY TO
CLAC1212	3/8"	CFBC1215
CLAC1616	1/2"	CFBC1618, CFBC1624, CFBC1630
CLAC2424	3/4"	CFBC2440
CLAC3232	1"	CFBC3240

Ratchet Head Swivel Handle Repair Kits

ITEM NO.	DRIVE	APPLY TO
CLAD1212	3/8"	CEAD1215
CLAD1616	1/2"	CEAD1618

Swivel Handle Repair Kits

ITEM NO.	DRIVE	APPLY TO
CLAE1616	1/2"	CFAC1618, CFAC1624, CFKA1618, CFKA1624

24T Reversible Ratchet with Tube Handle Repair Kits (Quick Release)

ITEM NO.	DRIVE	APPLY TO
CLBC2424	3/4"	CHNC2420

24T Reversible Ratchet with Tube Handle Repair Kits

ITEM NO.	DRIVE	APPLY TO
CLBC3232	1"	CHNC3232, CHND3226

72T Reversible Swivel Head Ratchet Repair Kits

ITEM NO.	DRIVE	APPLY TO
CLBD0808	1/4"	CJLN0816, CJKN0818
CLBD1212	3/8"	CJLN1224
CLBD1616	1/2"	CJLN1632, CJKN1643, CJNM1616

72T Curved Reversible Compact-Head Repair Kits

ITEM NO.	DRIVE	APPLY TO
CLBE0808	1/4"	CHJM0815
CLBE1212	3/8"	CHJM1220
CLBE1616	1/2"	CHJM1625

36T Reversible Ratchet Handle with Quick Release Repair Kits

ITEM NO.	DRIVE	APPLY TO
CLBG0808	1/4"	CHAG0813, CHUG0812, CJBG0815, S135
CLBG1212	3/8"	CHAG1218, CHUG1218, CJBG1220
CLBG1616	1/2"	CHAG1626, CHAG1636, CHUG1626, CJBG1627, CMBG1627

43T Reversible Ratchet Handle with Quick Release Repair Kits

ITEM NO.	DRIVE	APPLY TO
CLBH2424	3/4"	CHES2408, CHFS2451
CLBH3232	1"	CHES3208

45T Reversible Ratchet Handle with Quick Release Repair Kits

ITEM NO.	DRIVE	APPLY TO
CLBA0808	1/4"	CJPI0815, CJDI0812, CHDI0809
CLBA1212	3/8"	CJPI1220, CJDI1215, CHDI1211
CLBA1616	1/2"	CJPI1627, CHDI1613

48T Reversible Ratchet Handle with Quick Release Repair Kits

ITEM NO.	DRIVE	APPLY TO
CLBB0808	1/4"	CJCK0819, CJEK0819
CLBB1212	3/8"	CJCK1228, CJEK1225
CLBB1616	1/2"	CJCK1640, CJEK1633

48T Reversible Ratchet Handle with Quick Release Repair Kits

ITEM NO.	DRIVE	APPLY TO
CLBM1616	1/2"	CHOK1625

60T Reversible Ratchet Handle with Quick Release Repair Kits

ITEM NO.	DRIVE	APPLY TO
CLBF0808	1/4"	CHAU0813, CJSU0815
CLBF1212	3/8"	CHAU1220, CJSU1220
CLBF1616	1/2"	CHAU1625, CJSU1626, CMSU1627

72T Reversible Ratchet Handle with Quick Release Repair Kits

ITEM NO.	DRIVE	APPLY TO
CLBC0808	1/4"	CJHM0814, CJBM0815
CLBC121200	3/8"	CJBM1220
CLBC121201	3/8"	CJHM1228
CLBC1616	1/2"	CJHM1631, CJBM1627

72T Reversible Ratchet Handle with Quick Release Repair Kits

ITEM NO.	DRIVE	APPLY TO
CLBJ0808	1/4"	CHAM0813, CJRM0815
CLBJ1212	3/8"	CHAM1220, CJRM1220
CLBJ1616	1/2"	CHAM1625, CJRM1626, CMRM1627