

The background of the entire page is a photograph of an industrial setting. It shows a large, glowing orange and yellow heat source, likely a furnace, with a pile of bright, metallic metal shavings or chips in the foreground. The scene is dimly lit, with the primary light source being the heat of the furnace.

E Ding Co., Ltd

**EXPERT IN TOOLS, DEDICATED IN
GREAT QUALITY**

www.edingtools.com

Company Profile

We E Ding Co.Ltd was established since 1970, we have been specializing in various professional Hand / Pneumatic Tools manufacturing & developing OEM/ODM for more than 40 years all around the world.

We have been manufacturing for many international well known brands such as Stanley, KS Tools, K Mart, Wurth, Lux, TOSAN etc.

Our competency specialize in socket, wrenches, impact wrenches and various tools etc, with strict top quality control processing under ISO & GS & TUV standard. All of items also making in accordance with DIN/ANSI/CE standards.

Our R&D are always providing our customers with top end Taiwan made quality products and most advance and cost effective industrial technology available to our customers to provide our customers with most price competitive and advance products in their market.

Our Mission is to provide all our customers with top standard products that customize their requests to respond to their market need promptly. With our speed response and flexible customize products to suit all our customers with upmost competency and integrity.



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Socket Sets 1/4" dr.

Item No.: SS020801

8pcs 1/4" Dr. Rail Socket Set

- Socket set is available with different surface finish
- All sockets can be customized by request
- Socket tray is available with different design



8-1/4" Dr. Metric Deep Sockets: 6-7-8-9-10-11-12-13mm

Item No.: SS023601

36pcs 1/4" Dr. Socket Wrench Set

- Available in different surface finish
- Available in different assortment



12-1/4" Dr. Metric Sockets: 4-4.5-5-5.5-6-7-8-9-10-11-12-13mm

3-1/4" Dr. Metric Deep Sockets: 8-10-12mm

12-1/4" Dr. Bit Sockets: (PH)1-2, (Hex)3-4-5-6, (FD)4-5.5, (Torx)20-25-27-30

1-3/8 (F)*1/4" (M) Three-Way Adapters

3-1/4" Dr. Hex Key: 1.5-2-2.5

2-1/4" Dr. Extension Bar (2" & 6")

1-1/4" Dr. Universal Joint

1-1/4" Dr. Extension Quick Release Ratchet Handle (72Teeth)

1-1/4" Dr. Spinner Handle (Go-Through Type)

Item No.: SS023801
38pcs 1/4" Dr. Socket Wrench Set

- Available in different surface finish
- Available in different assortment



13-1/4" Dr. Metric Sockets: 4-4.5-5-5.5-6-7-8-9-10-11-12-13-14mm
8-1/4" Dr. Metric Deep Sockets: 6-7-8-9-10-11-12-13mm
10-1/4" Dr. Bit 25mm: (PD)1-2-3, (Hex)4--6, (FD)4-5.5, (PZ)1-2-3
1-1/4" Dr Coupler
2-1/4" Dr. Extension Bar (2" & 4")
1-1/4" Dr. Universal Joint
1-1/4" Dr. Sliding T-Bar
1-1/4" Dr. Quick Release Ratchet Handle (45Teeth)
1-1/4" Dr. Spinner Handle (Go-Through Type)

Item No.: SS023802
38pcs 1/4" Dr. Socket Wrench Set

- Sockets and accessories materials are CR-V
- Quick release ratchet handle is multi-function and can use as T handle or screwdriver and easily to use with sockets and bits
- Electric extension bar can use with the power screwdriver or air screwdriver
- Available with different components so can customized your own set



5-1/4" Dr. Metric Patent Dual Function Sockets: 4-4.5-5-5.5-6mm (socket and hex bit)
8-1/4" Dr. Metric Sockets: 7-8-9-10-11-12-13-14mm
1-1/4" Dr. 300 Degree Dual Function Reversible Ratchet Handle (quick release ratchet handle and T handle)
1-1/4" Dr. Extension Bar: 100mm
1-1/4" Dr. Electric Extension Bar: 110mm
1-1/4" Dr. Universal Joint
1-1/4" Dr. Bit Adapter 1/4"
20-1/4" Dr. Bit (25mm): (PH)1-2-3,(Hex)4-5-6-7,(SL)4-5-6,(PZ)1-2-3, (Torx)8-10-15-20-25-27-30

Item No.: SS024501
45pcs 1/4" Dr. Socket Wrench Set

- Available in different surface finish
- Available in different assortment



13-1/4" Dr. Metric Sockets: 4-4.5-5-5.5-6-7-8-9-10-11-12-13-14mm
21-1/4" Dr. Bit Sockets:(PD)1-2-3,(Hex)3-4-5-6-7-8,(FD)4-5.5-7,(PZ)1-2-3, (Torx)10-15-20-25-30-40
1-1/4" Bit Adapter
3-1/4" Dr. Hex Key: 1.5-2-2.5
2-1/4" Dr. Extension Bar (2" & 4")
1-1/4" Dr. Flexible Extension 6"
1-1/4" Dr. Universal Joint
1-1/4" Dr. Sliding T-Bar
1-1/4" Dr. Quick Release Ratchet Handle (48Teeth)
1-1/4" Dr. Spinner Handle (Go-Through Type)

Item No.: SS024601
46pcs 1/4" Dr. Socket Wrench Set

- Available in different surface finish
- Available in different assortment



13-1/4" Dr. Metric Sockets: 4-4.5-5-5.5-6-7-8-9-10-11-12-13-14mm
21-1/4" Dr. Bit Sockets:(PD)1-2-3,(Hex)3-4-5-6-7-8,(FD)4-5.5-7,(PZ)1-2-3, (Torx)10-15-20-25-30-40
1-1/4" Bit Adapter
3-1/4" Dr. Hex Key: 1.5-2-2.5
2-1/4" Dr. Extension Bar (2" & 4")
1-1/4" Dr. Flexible Extension 6"
1-1/4" Dr. Universal Joint
1-1/4" Dr. Sliding T-Bar
1-1/4" Dr. Quick Release Ratchet Handle (48Teeth)
1-1/4" Dr. Spinner Handle (Go-Through Type)

Item No.: SS026001
60pcs 1/4" Dr. Socket Wrench Set

- Available in different surface finish
- Available in different assortment



13-1/4" Dr. Metric Sockets: 4-4.5-5-5.5-6-7-8-9-10-11-12-13-14mm
39-1/4" Dr. Bit: (PH)0-1-2-3-4, (Hex)1.5-2-2.5-3-4-5-5.5-6-8, (SL)2.5-3-4-4.5-5-5.5-6-6.5-7-8 (PZ)0-1-2-3, (Torx)7-8-10-15-20-25-27-30-35-40
1-1/4" Bit Adapter
1-1/4" Coupler
1-1/4" 3/8(F)*1/4"(M) Three-Way Adapters
2-1/4" Dr. Extension Bar (2" & 4")
1-1/4" Dr. Universal Joint
1-1/4" Dr. Quick Release Ratchet Handle (48Teeth)
1-1/4" Dr. Spinner Handle (Go-Through Type)

Item No,,: SS026301
63pcs 1/4" Dr. Socket Wrench Set

- Available in different surface finish
- Available in different assortment



12-1/4" Dr. Metric Sockets: 4-4.5-5-5.5-6-7-8-9-10-11-12-13mm
10-1/4" Dr. Metric Deep Sockets: 4-5-6-7-8-9-10-11-12-13mm
1-1/4" Dr. Hex Couple
1-1/4" Dr. Quick Release Ratchet Handle (72Teeth)
1-1/4" Dr. Universal Joint
2-1/4" Dr. Extension Bar: 50 and 100mm
4-1/2" Dr. Hex Key: 1.25-1.5-2-2.5
30-1/4" Dr. Bit:(PH)1-2-2-3,(Hex)3-4-5-6,(SL)4-5.5-6.5,(PZ)1-2-3, (Torx)10-15-20-25-30-40, (TH)10-15-20-25-27-30-40, (SQUARE) R1-R2-R3
1-1/4" Dr. Spinner Handle
1-1/4" Dr. Sliding T Bar: 110mm

Item No.: SS02034001
40pcs 1/4" & 3/8" Dr. Socket Wrench Set

- Available in different surface finish
- Available in different assortment



11-1/4" Dr. Metric Sockets: 4--5-6-7-8-9-10-11-12-13-14mm
6-1/4" Dr. Metric Deep Sockets: 6-7-8-10-12-13
1-3/8"(F)*1/4" (M) Adapters
1-1/4" Dr. Spinner Handle (Go-Through Type)
10-3/8" Dr. Metric Sockets: 8-9-10-11-12-13-14-16-17-19mm
6-3/8" Dr. Metric Deep Sockets: 6-8-10-12-13-14mm
1-1/2" Dr. Spark Plug Socket: 16mm
2-3/8" Dr. Extension Bar (3" & 6")
1-1/4" Dr. Extension Quick Release Ratchet Handle (72Teeth)
1-3/8" Dr. Sliding T-Bar

Item No.: SS02046201
62pcs 1/4" & 1/2" Dr. Socket Wrench Set

- Available in different surface finish
- Available in different assortment



15-1/2" Dr. Metric Sockets: 8-10-12-13-14-15-16-17-19-21-22-24-27-30-32mm
2-1/2" Dr. Spark Plug Socket: 16 and 21mm
1-3 Way Adapter: 1/2" Dr. (M) X 3/8" Dr. (F)
1-1/2" Dr. Quick Release Ratchet Handle (72Teeth)
1-1/2" Dr. Universal Joint
2-1/2" Dr. Extension Bar: 125 and 250mm
4-1/2" Dr. Hex Key: 1.25-1.5-2-2.5
12-1/4" Dr. Metric Sockets: 4-4.5-5-5.5-6-7-8-9-10-11-12-13mm
20-1/4" Dr. Bit Sockets:(PH)1-2-3,(Hex)3-4-5-6,(SL)4-5.5-7,(PZ)1-2-3, (Torx)10-15-20-25-27-30-40
1-1/4" Dr. Spinner Handle
1-1/4" Dr. Extension Bar: 100mm
1-1/4" Dr. Universal Joint
1-1/4" Dr. Quick Release Ratchet Handle (72Teeth)



Item No.: SS02048201
82pcs 1/4" & 1/2" Dr. Socket Wrench Set

- Available in different surface finish
- Available in different assortment



12-1/2" Dr. Metric Sockets: 14-15-16-17-18-19-20-22-24-27-30-32mm
2-1/2" Dr. Spark Plug Socket: 16 and 21mm
1-3 Way Adapter: 1/2" Dr. (M) X 3/8" Dr. (F)
1-1/2" Dr. Quick Release Ratchet Handle (72Teeth)
1-1/2" Dr. Universal Joint
2-1/2" Dr. Extension Bar: 125 and 250mm
9-Combination Wrench: 8-10-11-12-13-14-17-19-22mm
1-Bit Adapter: 1/2" Dr. (F) X 5/16" HEX (F)
15- 5/16" X 30mm (L) Bit: (SL)8-10-12, (PH)3-4, (PZ)3-4, (Hex)8-10-12-14, (Torx)40-45-50-55
13-1/4" Dr. Metric Sockets: 4-4.5-5-5.5-6-7-8-9-10-11-12-13-14mm
17-1/4" Dr. Bit Sockets:(PH)1-2,(Hex)3-4-5-6,(SL)4-5.5-7,(PZ)1-2, (Torx)8-10-15-20-25-30
1-Socket Adapter: 1/4" Dr. (M) X 1/4" HEX (M)
1-1/4" Dr. Spinner Handle
1-1/4" Dr. Flexible Extension Bar: 150mm
2-1/4" Dr. Extension Bar: 50 and 100mm
1-1/4" Dr. Sliding T Bar: 110mm
1-1/4" Dr. Universal Joint
1-1/4" Dr. Quick Release Ratchet Handle (72Teeth)

Item No.: SS02049401
94pcs 1/4" & 1/2" Dr. Socket Wrench Set

- Available in different surface finish
- Available in different assortment



18-1/2" Dr. Metric Sockets: 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-27-30-32mm
4-1/2" Dr. Metric Deep Sockets: 14-15-17-19mm
1-1/2" Dr. Quick Release Ratchet Handle (45Teeth)
2-1/2" Dr. Extension Bar (5" & 10")
1-1/2" (F)*3/8" (M) Three-Way Adapters
2-1/2" Dr. Spark Plug Socket (16mm & 21mm)
1-1/2" Dr. Universal Joint
1-1/2" Dr. 8mm(5/16") Hexagon Bit Coupler
13-1/4" Dr. Metric Sockets: 4-4.5-5-5.5-6-7-8-9-10-11-12-13-14mm
8-1/4" Dr. Metric Deep Sockets: 6-7-8-9-10-11-12-13mm
1-1/4" Dr. Quick Release Ratchet Handle (45Teeth)
2-1/4" Dr. Extension Bar (2" & 4")
1-1/4" Dr. Spinner Handle (go-through Type)
1-6" Flexible Extension
1-1/4" Sliding T-Bar
1-1/4" Dr. Universal Joint
17-1/4" Dr. Socket Bits 37mm(L) #6150: (slot) 4-4.5-7, (pozi) 1-2, (hexagon) 3-4-5-6, (torx) 8-10-15-20-25-30, (phillips) 1-2
15-8mm(5/16") Bits(30L) #6150: (pozi) 3-4, (torx) 40-45-50-55, (slot) 8-10-12, (phillips) 3-4, (hexagon) 8-10-12-14
1-1/4"Dr. Adapter
3-Hex Key Wrenches: 1.5-2-2.5mm



Item No.: SS02049402
94pcs 1/4" & 1/2" Dr. Socket Wrench Set

- Available in different surface finish
- Available in different assortment
- Great set for DIY and automobile repair



18-1/2" Dr. Metric Sockets: 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-27-30-32mm
4-1/2" Dr. Metric Deep Sockets: 14-15-17-19mm
1-1/2" Dr. Quick Release Ratchet Handle (72Teeth)
2-1/2" Dr. Extension Bar (5" & 10")
1-1/2" (M)*3/8" (F) Three-Way Adapters
2-1/2" Dr. Spark Plug Socket (16mm & 21mm)
1-1/2" Dr. Universal Joint
1-1/2" Dr. 8mm(5/16") Hexagon Bit Coupler
13-1/4" Dr. Metric Sockets: 4-4.5-5-5.5-6-7-8-9-10-11-12-13-14mm
8-1/4" Dr. Metric Deep Sockets: 6-7-8-9-10-11-12-13mm
1-1/4" Dr. Quick Release Ratchet Handle (72Teeth)
2-1/4" Dr. Extension Bar (2" & 4")
1-1/4" Dr. Spinner Handle (go-through Type)
1-6" Flexible Extension Bar
1-1/4" Sliding T-Bar: 110mm
1-1/4" Dr. Universal Joint
17-1/4" Dr. Socket Bits 37mm(L): (slot) 4-4.5-7, (pozi) 1-2, (hexagon) 3-4-5-6, (torx) 10-15-20-25-27-30, (phillips) 1-2
15-8mm(5/16") Bits(30L): (pozi) 3-4, (torx) 40-45-50-55, (slot) 8-10-12, (phillips) 3-4, (hexagon) 8-10-12-14
1-Socket Adapter: 1/4"Dr. (M) X 1/4" HEX (M)
3-Hex Key Wrenches: 1.5-2-2.5mm

Item No.: SS020410801
108pcs 1/4" & 1/2" Dr. Socket Wrench Set

- Socket set is available with different surface finish
- Socket set is available with different assortment
- All sockets and accessories can be customized by request
- Everything you need for DIY and repair in 1 set



17-1/2" Dr. Metric Sockets: 10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32mm
5-1/2" Dr. Metric Deep Sockets: 14-15-17-19-22mm
8-1/2" Dr. E-Profile Sockets: E10-E11-E12-E14-E16-E18-E20-E24
1-1/2" Dr. Quick Release Ratchet Handle (48Teeth)
2-1/2" Dr. Extension Bar (5" & 10")
1-1/2" (M)*3/8" (F) Three-Way Adapter
2-1/2" Dr. Spark Plug Sockets: (16mm & 21mm)
1-1/2" Dr. Universal Joint
1-1/2" Dr. 8mm(5/16") Hexagon Bit Coupler
13-1/4" Dr. Metric Sockets: 4-4.5-5-5.5-6-7-8-9-10-11-12-13-14mm
8-1/4" Dr. Metric Deep Sockets: 6-7-8-9-10-11-12-13mm
5-1/4" Dr. E-Profile Sockets: E4-E5-E6-E7-E8
1-1/4" Dr. Quick Release Ratchet Handle (48Teeth)
2-1/4" Dr. Extension Bar (2" & 4")
1-1/4" Dr. Spinner Handle (go-through Type)
1-1/4" Sliding T-Bar
1-1/4" Dr. Universal Joint
18-1/4" Dr. Socket Bits 37mm(L): (slot) 4-5.5-6.5, (pozi) 1-2, (hexagon) 3-4-5-6, (torx) 8-10-15-20-25-27-30, (phillips) 1-2
17-8mm(5/16") Bits(30L): (pozi) 3-4, (torx) 40-45-50-55-60, (slot) 8-10-12, (phillips) 3-4, (hexagon)7-8-10-12-14
3-Hex Key Wrenches: 1.5-2-2.5mm

Item No.: SS020410802

108pcs 1/4" & 1/2" Dr. Socket Wrench Set

- Socket set is available with different surface finish
- Socket set is available with different assortment
- All sockets and accessories can be customized by request
- Everything you need for DIY and repair in 1 set



17-1/2" Dr. Metric Sockets: 10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32mm
5-1/2" Dr. Metric Deep Sockets: 14-15-17-19-22mm
8-1/2" Dr. E-Star Sockets: E10-E11-E12-E14-E16-E18-E20-E24
1-1/2" Dr. Quick Release Ratchet Handle (72Teeth)
2-1/2" Dr. Extension Bar (5" & 10")
1-1/2" (M) 3/8" (F) Three-Way Adapter
2-1/2" Dr. Spark Plug Sockets: (16mm & 21mm)
1-1/2" Dr. Universal Joint
1-1/2" Dr. 8mm(5/16") Hexagon Bit Coupler
13-1/4" Dr. Metric Sockets: 4-4.5-5-5.5-6-7-8-9-10-11-12-13-14mm
8-1/4" Dr. Metric Deep Sockets: 6-7-8-9-10-11-12-13mm
5-1/4" Dr. E-Star Sockets: E4-E5-E6-E7-E8
1-1/4" Dr. Quick Release Ratchet Handle (72Teeth)
2-1/4" Dr. Extension Bar (2" & 4")
1-1/4" Dr. Spinner Handle (go-through Type)
1-1/4" Sliding T-Bar: 110mm
1-1/4" Dr. Universal Joint
18-1/4" Dr. Socket Bits 37mm(L): (slot) 4-5.5-6.5, (pozi) 1-2, (hexagon) 3-4-5-6, (torx) 8-10-15-20-25-27-30, (phillips) 1-2
17-8mm(5/16") Bits(30L): (pozi) 3-4, (torx) 40-45-50-55-60, (slot) 8-10-12, (phillips) 3-4, (hexagon) 7-8-10-12-14
3-Hex Key Wrenches: 1.5-2-2.5mm

Item No: SS022801

28pcs 1/4"dr. Socket Wrench Set

- Sockets and accessories material are CR-V
- 2-IN-1 swivel palm bit holder can easily use with sockets and bits
- 11-IN-1 New ACR type bit is optional. This special design ACR Type double end bit is suitable for PH0/1/2/3; PZ0/1/2/3; SL5/6/8



10-1/4" Dr. Metric Sockets: 4-5-6-7-8-9-10-11-12-13mm
1-Magnetic Bit Holder Socket
1-2 IN 1 Swivel Palm Bit Holder
1-1/4" Dr. Extension Bar: 75mm
1-1/4" Dr. Electric Extension Bar
1-1/4" (M) X 3/8" (F) Sliding Head
1-11 IN 1 New ACR type bit: 65mm (optional)
12-1/4" Dr. Bit (25mm): (PH)1-2,(Hex)3-4-5,(SL)4-6,(PZ)1-2, (Torx)10-15-20

Item No: SS023602

36pcs 1/4"dr. Socket Wrench Set

- Sockets and accessories material are CR-V
- 2-way gear wrench easily uses with bits and sockets and can be used as speed handle.
- Can have an optional gear wrench extension bar then this 2-way gear wrench can also be a T handle.
- 2-way gear wrench can be replaced with another extended ratchet handle.



10-1/4" Dr. Metric Sockets: 4-5-6-7-8-9-10-11-12-13mm
3-1/4" Dr. Metric Deep Sockets: 8-10-12mm
1-Magnetic Bit Holder Socket
1-Two Way Gear Wrench
1-1/4" Dr. Electric Extension Bar
1-1/4" Dr. Universal Joint
1-1/4" Dr. x 1/4"H Adapter: 25mm
1-1/4" Dr. x 1/4"H Adapter: 65mm
17-1/4" Dr. Bit (25mm): (PH)1-2-3,(Hex)3-4-5,(SL)4-5-6,(PZ)1-2-3, (Torx)10-15-20-25-30

Socket Sets 3/8"dr.

Item No.: SS031701

17pcs 3/8" Dr. Pass-Thru Type Socket Wrench Set

- Available in different surface finish
- Available in different assortment



13-Spline Sockets : 8-10-11-12-13-14-15-16-17-18-19-21-22-24mm

1-80mm Extension Bar

1-19mm Hexagon Ratchet Handle

1-19mm Hexagon * 3/8"(M) Adapters

1-19mm Hexagon *1/4"(M) Adapters

Item No.: SS032301

23pcs 3/8" Dr. Socket Wrench Set

- Available in different surface finish
- Available in different assortment



16-3/8" Dr. Metric Sockets: 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22mm

2-3/8" Dr. Spark Plug Socket 16 & 21mm

2-3/8" Dr. Extension Bar (3" & 6")

1-3/8" Dr. Quick Release Ratchet Handle (72Teeth)

1-3/8" Dr. Sliding T-Bar

1-3/8" Dr. Universal Joint

Socket Sets 1/2"dr.

Item No.: ESS040901

9pcs 1/2" Dr. Loose E Star Socket Set

- Socket set is available with different surface finish
- Socket set is available with different assortment
- All sockets and accessories can be customized by request



9-1/2" Dr. Loose E Star Sockets: E10-E11-E12-E14-E16-E18-E20-E22-E24

Item No.: SS040801

8pcs 1/2" Dr. Rail Socket Set

- Socket set is available with different surface finish
- All sockets can be customized by request
- Socket tray is available with different design



8-1/2" Dr. Metric Loose Sockets: 10-12-13-14-17-19-21-22mm

Item No.: SS041001

10pcs 1/2" Dr. Rail Socket Set

- Socket set is available with different surface finish
- All sockets can be customized by request
- Socket tray is available with different design



10-1/2" Dr. Metric Deep Sockets: 10-12-13-14-15-17-19-21-22-24mm

Item No.: SS041201

12pcs 1/2" Dr. Rail Socket Set

- Socket set is available with different surface finish
- All sockets can be customized by request
- Socket tray is available with different design



10-1/2" Dr. Metric Loose Sockets: 10-11-12-13-14-15-17-19-21-24mm
1-1/2" Dr. Extension Bar (5")
1-1/2" Dr. Quick Release Ratchet Handle-250L (72 teeth)

Item No.: SS041701

17pcs 1/2" Dr. Socket Wrench Set

- Available in different surface finish
- Available in different assortment



14-1/2" Dr. Metric Loose Sockets: 8-10-11-12-13-14-15-16-17-19-21-22-23-24mm
1-1/2" Dr. Extension Bar: 125mm
1-1/2" Dr. Flexible Handle
1-1/2" Dr. Quick Release Ratchet Handle

Item No.: SS041901

19pcs 1/2" Dr. Rail Socket Set

- Socket set is available with different surface finish
- Socket set is available with different assortment
- Socket tray is available with different design



18-1/2" Dr. Metric Loose Sockets: 8-9-10-11-12-13-14-15-16-17-19-21-22-23-24-27-30-32mm
1-1/2" Dr. Quick Release Ratchet Handle-250L (72 teeth)

Item No.: SS041902

19pcs 1/2" Dr. Socket Wrench Set

- Available in different surface finish
- Available in different assortment



14-1/2" Dr. Metric Sockets: 8-9-10-11-12-13-14-15-16-17-19-21-22-24mm
1-3 Way Adapter: 1/2" Dr. (M) X 3/8" Dr. (F)
2-1/2" Dr. Extension Bar: 125mm and 250mm
1-1/2" Dr. Universal Joint
1-1/2" Dr. Quick Release Ratchet Handle (72Teeth)

Item No.: SS042101

21pcs 1/2" Dr. Socket Wrench Set

- Available in different surface finish
- Available in different assortment



14-1/2" Dr. Metric Sockets: 8-10-11-12-13-14-15-17-19-22-24-27-30-32mm
2-1/2" Dr. Extension Bar: 125 and 250mm
1-1/2" Dr. Sliding T Bar: 250mm
1-1/2" Dr. Universal Joint
2-1/2" Dr. Spark Plug Socket: 16 and 21mm
1-1/2" Dr. Quick Release Ratchet Handle (72Teeth)

Item No.: SS042201

22pcs 1/2" Dr. Socket Set

- Socket set is available with different surface finish
- All sockets can be customized by request
- There is a magnet install in the tray so sockets won't fall and easy to carry
- Socket tray is available with different design



11-1/2" Dr. Metric Loose Sockets: 10-11-12-13-14-15-17-19-21-22-24mm
11-1/2" Dr. Metric Deep Sockets: 10-11-12-13-14-15-17-19-21-22-24mm

Item No.: SS042401
24pcs 1/2" Dr. Socket Wrench Set

- Available in different surface finish
- Available in different assortment



18-1/2" Dr. Metric Sockets: 8-9-10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32mm
2-1/2" Dr. Extension Bar: 125 and 250mm
1-1/2" Dr. Sliding T Bar: 250mm
1-1/2" Dr. Universal Joint
1-1/2" Dr. Spark Plug Socket: 16mm
1-1/2" Dr. Quick Release Ratchet Handle (72Teeth)

Item No.: SS042402
24pcs 1/2" Dr. Socket Wrench Set

- Available in different surface finish
- Available in different assortment



18-1/2" Dr. Metric Sockets: 8-9-10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32mm
2-1/2" Dr. Extension Bar: 125 and 250mm
1-1/2" Dr. Sliding T Bar: 250mm
1-1/2" Dr. Universal Joint
1-1/2" Dr. Spark Plug Socket: 21mm
1-1/2" Dr. Quick Release Ratchet Handle

Item No.: SS0424B01
24pcs 1/2" Dr. Socket Wrench Set in Blue Ribbon

- Available in different surface finish
- Available in different assortment



18-1/2" Dr. Metric Sockets: 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-27-30-32mm
1-1/2" Dr. Quick Release Ratchet Handle (45Teeth)
1-1/2" Dr. Universal Joint
2-1/2" Dr. Extension Bar (5"&10")
1-1/2" Dr. Sliding T Bar 300mm
1-1/2" Spark Plug: 16mm

Item No.: SS0424M01
24pcs 1/2" Dr. Socket Wrench Set in Black Chrome

- Available in different surface finish
- Available in different assortment



18-1/2" Dr. Metric Sockets: 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-27-30-32mm
1-1/2" Dr. Quick Release Ratchet Handle (45Teeth)
1-1/2" Dr. Universal Joint
2-1/2" Dr. Extension Bar (5"&10")
1-1/2" Dr. Sliding T Bar 300mm
1-F Handle

Item No.: SS0424F01
24pcs 1/2" Dr. Socket Wrench Set with F Handle

- Available in different surface finish
- Available in different assortment



18-1/2" Dr. Metric Sockets: 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-27-30-32mm
1-1/2" Dr. Quick Release Ratchet Handle (45Teeth)
1-Flexible Handle
1-1/2" Dr. Universal Joint
2-1/2" Dr. Extension Bar (5"&10")
1-1/2" Dr. Sliding T Bar 300mm

Item No.: SS0424K01
24pcs 1/2" Dr. Socket Wrench Set with Knurl/ Stripe

- Available in different surface finish
- Available in different assortment



18-1/2" Dr. Metric Sockets: 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-27-30-32mm
1-1/2" Dr. Quick Release Ratchet Handle (45~72Teeth)
1-1/2" Dr. Universal Joint
2-1/2" Dr. Extension Bar (5"&10")
1-1/2" Dr. Sliding T Bar 300mm
1-1/2" Spark Plug: 16mm

Item No.: SS0424S01
24pcs 1/2" Dr. Socket Wrench Set with Speed Handle

- Available in different surface finish
- Available in different assortment



18-1/2" Dr. Metric Sockets: 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-27-30-32mm
1-1/2" Dr. Ratchet Handle 12" (45Teeth)
1-1/2" Dr. Universal Joint
2-1/2" Dr. Extension Bar (5"&10")
1-1/2" Dr. Sliding T Bar 300mm
1-1/2" Dr. Speed Handle

Item No.: SS043401
34pcs 1/2" Dr. Socket Wrench Set

- Socket set is available with different surface finish
- Socket set is available with different assortment
- All sockets and accessories can be customized by request
- Perfect for DIY and professional use



21-1/2 "Dr. Metric Sockets: 8-10-11-12-13-14-15-16-17-18-19-21-22-23-24-26-27-28-29-30-32mm
4-1/2" Dr. Metric Deep Sockets: 10-13-17-19mm
1-1/2" Dr. Spark Plug Socket :16mm
1-1/2" Dr. Quick Release Ratchet Handle (72Teeth)
1-1/2" Dr. Universal Joint
3-1/2" Dr. Extension Bar (3"-5"-10")
1-1/2" Dr. Sliding T Bar 300mm
1-1/2" (F)*3/8" (M) Three-Way Adapters
1-1/2" Dr. Speed Handle

Item No: SS042403

24pcs 1/2"dr. Socket Wrench Set

- Sockets and accessories material are CR-V
- The socket set is available with different surface finished
- The socket set can be customized with your request



18-1/2" Dr. Metric Sockets: 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-27-30-32mm
1-1/2" Dr. Spark Plug Socket: 21mm
1-1/2" Dr. Quick Release Ratchet Handle (72 teeth)
1-1/2" Dr. Sliding T Bar
1-1/2" Dr. Universal Joint
2-1/2" Dr. Extension Bar (5" & 10")

Item No: SS042501

25pcs 1/2"dr. Socket Wrench Set

- Sockets and accessories material are CR-V
- The socket set is available with different surface finished
- The socket set can be customized with your request



19-1/2" Dr. Metric Sockets: 9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-27-30-32mm
1-1/2" Dr. Spark Plug Socket: 21mm
1-1/2" Dr. Quick Release Ratchet Handle (72 teeth)
1-1/2" Dr. Sliding T Bar
1-1/2" Dr. Universal Joint
2-1/2" Dr. Extension Bar (5" & 10")

Socket Sets 3/4"dr.

Item No.: SS061401

14pcs 3/4" Dr. Socket Wrench Set

- Socket set is available with different surface finish
- Socket set is available with different assortment
- All sockets and accessories can be customized by request
- Good choice for truck



10-3/4" Dr. Metric Loose Sockets: 22-24-27-30-32-36-38-41-46-50mm
2-3/4" Dr. Extension Bar: 4" and 8"
1-3/4" Dr. Flexible Handle
1-3/4" Dr. Quick Release Ratchet Handle

Item No.: SS061501

15pcs 3/4" Dr. Socket Wrench Set

- Socket set is available with different surface finish
- Socket set is available with different assortment
- All sockets and accessories can be customized by request
- Good choice for truck



10-3/4" Dr. Metric Loose Sockets: 22-24-27-30-32-36-38-41-46-50mm
2-3/4" Dr. Extension Bar: 4" and 8"
1-Socket Adapter 3/4" F X 1/2" M
1-3/4" Dr. Sliding T Bar: 18"
1-3/4" Dr. Quick Release Ratchet Handle

Item No.: SS061502

15pcs 3/4" Dr. Socket Wrench Set

- Socket set is available with different surface finish
- Socket set is available with different assortment
- All sockets and accessories can be customized by request
- Good choice for truck



11-3/4" Dr. Metric Loose Sockets: 21-22-24-27-30-32-36-38-41-46-50mm
2-3/4" Dr. Extension Bar: 4" and 8"
1-3/4" Dr. Sliding T Bar: 18"
1-3/4" Dr. Quick Release Ratchet Handle

Item No.: SS061901

19pcs 3/4" Dr. Socket Wrench Set

- Socket set is available with different surface finish
- Socket set is available with different assortment
- All sockets and accessories can be customized by request
- Good choice for truck



14-3/4" Dr. Metric Sockets: 17-19-21-22-24-27-30-32-33-36-38-41-46-50mm
1-3/4" Dr. Ratchet Handle
1-3/4" Dr. Sliding T Bar 500mm
3-3/4" Dr. Extension Bar (4"-8"-16")

Item No.: SS062101

21pcs 3/4" Dr. Socket Wrench Set

- Socket set is available with different surface finish
- Socket set is available with different assortment
- All sockets and accessories can be customized by request
- Good choice for truck



16-3/4" Dr. Metric Loose Sockets: 19-21-22-23-24-26-27-29-30-32-35-36-38-41-46-50mm
3-3/4" Dr. Extension Bar: 4", 8" and 16"
1-3/4" Dr. Sliding T Bar: 20"
1-3/4" Dr. Quick Release Ratchet Handle

Socket Sets 1"dr.

Item No.: SS102201

22pcs 1" Dr. Socket Wrench Set

- Socket set is available with different surface finish
- Socket set is available with different assortment
- All sockets and accessories can be customized by request
- Good choice for truck



17-1" Dr. Metric Loose Sockets: 36-38-41-46-50-54-55-58-60-63-65-67-70-71-75-77-80mm
2-1" Dr. Extension Bar: 8" and 16"
1-1" Dr. Sliding Adapter
1-1" Dr. Universal Bar: 540mm
1-1" Dr. Quick Release Ratchet Head

Bit Socket Sets

Item No.: HBS040901

9pcs 1/2" Dr. Hex Bit Socket Set

- Bit socket set is available in different surface finish
- Bit socket set is available in different assortment
- Available in Hex or Torx bit socket set
- Bit socket set uses to remove or replace hex or torx fasteners in automobile and machinery.



8-1/2"Dr. Socket Bits 55mm(L) : H4-H5-H6-H8-H10-H12-H14-H17

1-1/2"Dr. Socket Bits 100mm(L) : H6

Item No.: TBS041101

11pcs 1/2" Dr. Torx Bit Socket Sets

- Bit socket set is available in different surface finish
- Bit socket set is available in different assortment
- Available in Hex or Torx bit socket set
- Bit socket set uses to remove or replace hex or torx fasteners in automobile and machinery.



9-1/2" Dr. Socket Bits 55mm(L) : T20-T25-T27-T30-T40-T45-T50-T55-T60

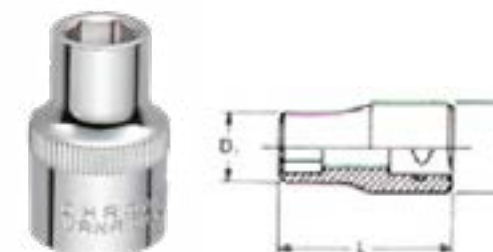
2-1/2" Dr. Socket Bits 100mm(L) : T20-T40



Standard Hand Sockets

Item: 1/4" Dr. Loose (Short) Sockets

- Sockets are available in different surface finish
- Sockets are available in Metric and Imperial
- Available in 6 point socket or 12 point socket



1/4" Dr. Metric Sockets					
ITEM NO.	SIZE	D1	D2	L	WEIGHT (g)
LS0204	4	6.8	12	25	9
LS02045	4.5	7.4	12	25	10
LS0205	5	8	12	25	10
LS02055	5.5	8.7	12	25	10
LS0206	6	9.2	12	25	11
LS0207	7	10.3	12	25	11
LS0208	8	12	11.8	25	12
LS0209	9	13	12.2	25	17
LS0210	10	14	13	25	18
LS0211	11	16	14.2	25	24
LS0212	12	17	15.5	25	27
LS0213	13	18	16.5	25	31
LS0214	14	20	18	25	38

Item: 3/8" Dr. Loose (Short) Sockets

- Sockets are available in different surface finish
- Sockets are available in Metric and Imperial
- Available in 6 point socket or 12 point socket



3/8" Dr. Metric Sockets					
ITEM NO.	SIZE	D1	D2	L	WEIGHT (g)
LS0306	6	10	17	28	22
LS0307	7	11	17	28	22
LS0308	8	12	17	28	24
LS0309	9	13.2	17	28	24
LS0306	10	14.5	17	28	25
LS0311	11	15.7	17	28	24
LS0312	12	16.8	17	28	25
LS0313	13	18	17	28	29
LS0314	14	20	18	28	35
LS0315	15	22	20	28	46
LS0316	16	22	20	28	43
LS0317	17	24	22	30	54
LS0318	18	26	24	30	54
LS0319	19	26	24	30	58
LS0320	20	28	26	30	64
LS0321	21	28	26	30	87
LS0322	22	30	26	30	88
LS0324	24	32	28	30	110

Item: 1/2" Dr. Loose (Short) Sockets

- Sockets are available in different surface finish
- Sockets are available in Metric and Imperial
- Available in 6 point socket or 12 point socket



1/2" Dr. Metric Sockets

ITEM NO.	SIZE	D1	D2	L	WEIGHT (g)
LS0408	8	13.2	22	38	47
LS0409	9	13.9	22	38	47
LS0410	10	15	22	38	48
LS0411	11	16.3	22	38	49
LS0412	12	17.6	22	38	50
LS0413	13	18.8	22	38	51
LS0414	14	20.4	22	38	51
LS0415	15	21	22	38	56
LS0416	16	22	21	38	64
LS0417	17	24	22	38	68
LS0418	18	26	24	38	90
LS0419	19	26	24	38	81
LS0420	20	28	26	38	89
LS0421	21	28	26	38	94
LS0422	22	30	26	38	115
LS0423	23	32	28	40	131
LS0424	24	32	28	40	120
LS0425	25	34	30	41	155
LS0426	26	34	30	41	158
LS0427	27	36	32	41	168
LS0428	28	38	33	44	166
LS0429	29	38	33	44	202
LS0430	30	40	35	44	248
LS0432	32	42	36	44	252

Item: 3/4" Dr. Loose (Short) Sockets

- Sockets are available in different surface finish
- Sockets are available in Metric and Imperial
- Available in 6 point socket or 12 point socket

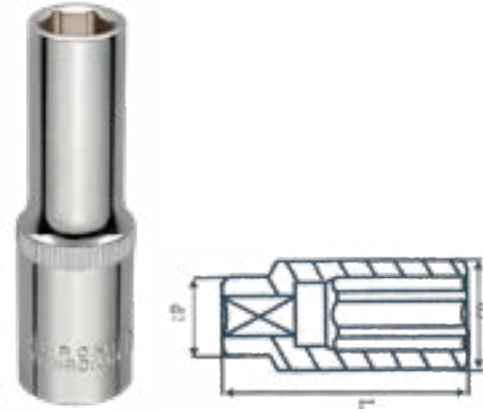


3/4" Dr. Metric Sockets

ITEM NO.	SIZE	D1	D2	L	WEIGHT (g)
LS0619	19	29	34	50	207
LS0620	20	30	34	50	209
LS0621	21	31	34	50	210
LS0622	22	32	36	50	209
LS0623	23	33	36	50	216
LS0624	24	34	36	51	219
LS0625	25	36	35	50.5	240
LS0626	26	36	35	51	243
LS0627	27	38	36	52	238
LS0628	28	40	38	52	233
LS0629	29	40	38	52	261
LS0630	30	42	38	54	295
LS0631	31	44	38	56	305
LS0632	32	44	38	56	317
LS0633	33	46	38	56	317
LS0634	34	46	38	56	400
LS0635	35	48	42	58	406
LS0636	36	50	42	58	434
LS0638	38	52	45	60	497
LS0641	41	56	45	64	581
LS0646	46	62	48	68	724
LS0650	50	68	48	72	889
LS0655	55	74	48	76	1095
LS0660	60	80	48	78	1275

Item: 1/4" Dr. Deep (Long) Sockets

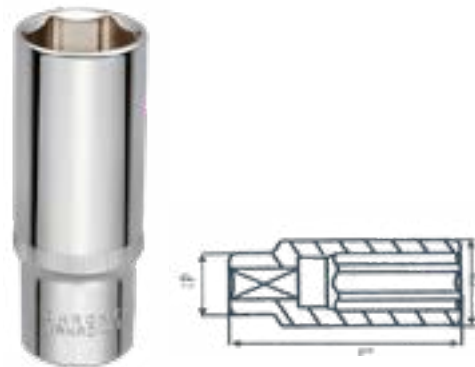
- Sockets are available in different surface finish
- Sockets are available in Metric and Imperial
- Available in 6 point socket or 12 point socket



1/4" Dr. Metric Deep Sockets					
ITEM NO.	SIZE	D1	D2	L	WEIGHT (g)
DS0204	4	6.8	12	50	22
DS0205	5	8	12	50	21
DS0206	6	9.2	12	50	22
DS0207	7	10.3	12	50	23
DS0208	8	12	11.8	50	25
DS0209	9	13	12.2	50	30
DS0210	10	14	13	50	40
DS0211	11	16	14.2	50	57
DS0212	12	17	15.5	50	55
DS0213	13	18	16.5	50	70

Item: 3/8" Dr. Deep (Long) Sockets

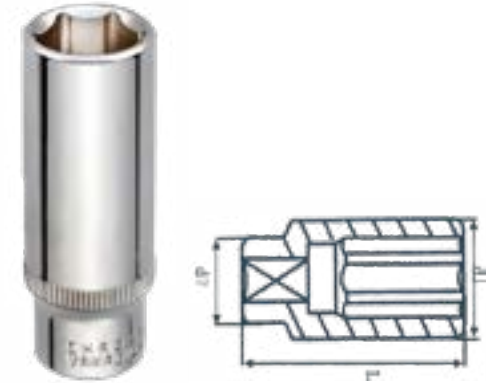
- Sockets are available in different surface finish
- Sockets are available in Metric and Imperial
- Available in 6 point socket or 12 point socket



3/8" Dr. Metric Deep Sockets					
ITEM NO.	SIZE	D1	D2	L	WEIGHT (g)
DS0308	8	12	17	63	52
DS0309	9	13	17	63	53
DS0310	10	14.5	17	63	55
DS0311	11	16	17	63	60
DS0312	12	17	18	63	67
DS0313	13	18	17	63	73
DS0314	14	20	18	63	80
DS0315	15	22	20	63	109
DS0316	16	22	20	63	100
DS0317	17	24	22	63	127
DS0318	18	24	22	63	155
DS0319	19	26	24	63	144

Item: 1/2" Dr. Deep (Long) Sockets

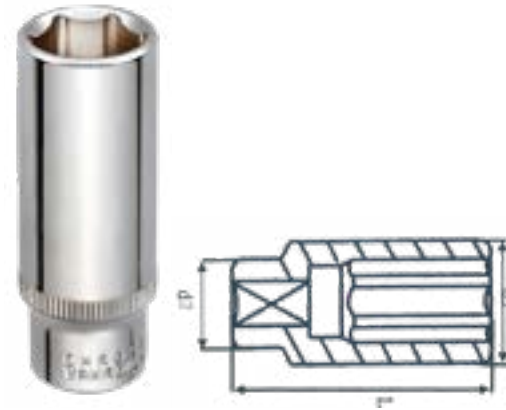
- Sockets are available in different surface finish
- Sockets are available in Metric and Imperial
- Available in 6 point socket or 12 point socket



1/2" Dr. Metric Deep Sockets					
ITEM NO.	SIZE	D1	D2	L	WEIGHT (g)
DS0410	10	15	22	77	109
DS0411	11	16.3	22	77	108
DS0412	12	17.6	22	77	109
DS0413	13	18.8	22	77	110
DS0414	14	20.4	22	77	118
DS0415	15	21	22	77	122
DS0416	16	22	21	77	143
DS0417	17	24	22	77	144
DS0418	18	26	24	77	180
DS0419	19	26	24	77	168
DS0420	20	28	26	77	220
DS0421	21	28	26	77	231
DS0422	22	30	26	77	235
DS0423	23	32	28	77	278
DS0424	24	32	28	77	258
DS0425	25	34	30	77	321
DS0426	26	34	30	77	350
DS0427	27	36	32	77	343
DS0430	30	40	35	77	380
DS0432	32	42	36	77	425
DS0436	36	48	40	77	470

Item: 3/4" Dr. Deep (Long) Sockets

- Sockets are available in different surface finish
- Sockets are available in Metric and Imperial
- Available in 6 point socket or 12 point socket



3/4" Dr. Metric Deep Sockets					
ITEM NO.	SIZE	D1	D2	L	WEIGHT (g)
DS0617	17	26	32.7	90	388
DS0618	18	28	32.7	90	411
DS0619	19	30	32.7	90	437
DS0620	20	31	32.7	90	440
DS0621	21	32	32.7	90	444
DS0622	22	33	35.7	90	460
DS0623	23	34	35.7	90	462
DS0624	24	35	35.7	90	477
DS0625	25	35	35.7	90	464
DS0626	26	35.7	35	90	433
DS0627	27	38	36	90	431
DS0628	28	39	36	90	477
DS0629	29	40	38	90	502
DS0630	30	42	38	90	584
DS0631	31	43	38	90	580
DS0632	32	44	38	90	580
DS0633	33	46	39	90	646
DS0634	34	47	42	90	717
DS0635	35	48	42	90	677
DS0636	36	50	42	90	724
DS0637	37	51	45	90	891
DS0638	38	52	45	90	913
DS0639	39	53	45	90	935
DS0640	40	54	45	90	911
DS0641	41	56	45	90	864
DS0642	42	57	45	95	913
DS0643	43	58	45	95	971
DS0644	44	60	48	95	1066
DS0645	45	61	48	95	1073
DS0646	46	62	48	95	1093
DS0647	47	63	48	95	1102
DS0648	48	64	48	95	1093
DS0649	49	66	48	95	1035
DS0650	50	68	48	95	1220
DS0651	51	69	50	95	1282
DS0652	52	69	50	95	1244
DS0653	53	70	50	95	1262
DS0654	54	72	50	95	1342
DS0655	55	74	50	95	1268
DS0656	56	75	50	95	1440
DS0657	57	76	50	100	1555
DS0658	58	78	50	100	1540
DS0659	59	78	50	100	1604
DS0660	60	80	50	100	1662

Spark Plug Sockets

Item: Spark Plug Sockets

- Available in different surface finish
- Available in Metric and S.A.E.
- Available in magnetic spark plug socket



3/8" Spark Plug Socket				
ITEM NO.	SIZE	D1	L	WEIGHT (g)
SP0316	16mm	22.0	65	96
SP0321	21mm	28.0	65	140
SP0316S	5/8"	22.0	65	96
SP0321S	13/16"	28.0	65	140

1/2" Spark Plug Socket				
ITEM NO.	SIZE	D1	L	WEIGHT (g)
SP0416	16mm	23.0	65	97
SP0421	21mm	28.0	65	141
SP0416S	5/8"	23.0	65	97
SP0421S	13/16"	28.0	65	141

Star (E) Sockets

Item: Loose (Short) Star (E) Sockets

- E sockets are available in different surface finish



1/4" Dr. Loose E Sockets					
ITEM NO.	SIZE	D1	D2	L	WEIGHT (g)
LES0204	E4	7	11.8	25	11
LES0205	E5	8.2	11.8	25	11
LES0206	E6	8.7	11.8	25	12
LES0207	E7	9.5	11.8	25	14
LES0208	E8	10.5	11.8	25	13
LES0210	E10	13.5	14.3	25	22
LES0211	E11	13.8	14.3	25	23

3/8" Dr. Loose E Sockets					
ITEM NO.	SIZE	D1	D2	L	WEIGHT (g)
LES0305	E5	8	16.8	28	25
LES0306	E6	9.2	16.8	28	26
LES0307	E7	10	16.8	28	26
LES0308	E8	11	16.8	28	27
LES0310	E10	13.2	16.8	28	27
LES0311	E11	14	16.8	28	29
LES0312	E12	14.6	16.8	28	28
LES0314	E14	16.5	17.8	28	35
LES0316	E16	19.8	17	28	43
LES0318	E18	21.8	19	28	58
LES0320	E20	23.8	21	30	60

1/2" Dr. Loose E Sockets					
ITEM NO.	SIZE	D1	D2	L	WEIGHT (g)
LES0410	E10	13.5	21.8	38	53
LES0411	E11	14	21.8	38	53
LES0412	E12	15	21.8	38	58
LES0414	E14	17	21.8	38	64
LES0416	E16	19	21.8	38	58
LES0418	E18	21	23.8	38	73
LES0420	E20	23.8	22	38	80
LES0422	E22	25.8	23	38	94
LES0424	E24	27.8	24	38	115

Item: Deep (Long) Star (E) Sockets

- E sockets are available in different surface finish



1/4" Dr. Deep E Sockets					
ITEM NO.	SIZE	D1	D2	L	WEIGHT (g)
DES0204	E4	7	11.8	50	25
DES0205	E5	8.2	11.8	50	25
DES0206	E6	8.7	11.8	50	26
DES0207	E7	9.5	11.8	50	28
DES0208	E8	10.5	11.8	50	28
DES0210	E10	13.5	14.3	50	42

3/8" Dr. Deep E Sockets					
ITEM NO.	SIZE	D1	D2	L	WEIGHT (g)
DES0305	E5	8.1	16.8	63	47
DES0306	E6	9.2	16.8	63	48
DES0307	E7	10.5	16.8	63	48
DES0308	E8	12	16.8	63	49
DES0310	E10	14.5	16.8	63	53
DES0311	E11	15.5	16.8	63	64
DES0312	E12	15.5	16.8	63	72
DES0314	E14	16.5	17.8	63	70
DES0316	E16	19.8	17	63	108
DES0318	E18	21.8	19	63	130

1/2" Dr. Deep E Sockets					
ITEM NO.	SIZE	D1	D2	L	WEIGHT (g)
DES0410	E10	13.5	21.8	77	105
DES0411	E11	14	21.8	77	105
DES0412	E12	15	21.8	77	103
DES0414	E14	17	21.8	77	104
DES0416	E16	19	21.8	77	125
DES0418	E18	21	23.8	77	155
DES0420	E20	23.8	22	77	176
DES0422	E22	25.8	23	77	199
DES0424	E24	27.8	24	77	223

Nut Driver Sockets

Item No.: NDSS041001 10pcs 1/2" Dr. Nut Driver Socket Set

- Nut driver socket materials is CR-V
- Nut driver sockets are available with different surface finished or use color ring to distinguish different sizes easily
- Socket adapter and socket can be separated and use individually and able to make in 1/4"dr, 3/8"dr or 1/2"dr.
- Socket adapters can be used with power screwdriver or air screwdriver
- Customized your own nut driver socket set is also welcome



10-1/2" Dr. Nut Driver Sockets: 10-11-12-13-14-15-16-17-18-19mm

Item: Nut Driver Socket-One Piece

- Great to use with power screwdriver
- 1/4" driver side can be single or double groove



Nut Driver Socket-One Piece					
ITEM NO.	SIZE	D1	D2	L	WEIGHT (g)
NDS107	7	12	11	110	113
NDS108	8	13.5	12	110	113
NDS110	10	15.5	14	110	141
NDS111	11	17	15	110	180
NDS112	12	17.5	15.5	110	172
NDS113	13	18.5	16	110	219
NDS114	14	19.5	18	110	200
NDS117	17	23	20	110	285
NDS119	19	25	22	110	114
NDS121	21	27	25	110	124

Item: Nut Driver Socket-Two Piece

- Great to use with power screwdriver
- 1/4" driver side can be single or double groove



Nut Driver Socket-Two Piece					
ITEM NO.	SIZE	D1	D2	L	WEIGHT (g)
NDS255	5.5	10	9	110	40
NDS206	6	12	11	110	45
NDS207	7	12	11	110	47
NDS208	8	13.5	12	110	51
NDS209	9	14.5	12.8	110	55
NDS210	10	15.5	14	110	66
NDS211	11	17	15	110	80
NDS212	12	17.5	15.5	110	73
NDS213	13	18.5	16	110	84
NDS214	14	19.5	18	110	91
NDS215	15	21	18	110	95
NDS216	16	22	19	110	98
NDS217	17	23	20	110	105
NDS219	19	25	22	110	114
NDS221	21	27	25	110	137
NDS222	22	29	26	110	156
NDS224	24	31.5	29	110	190

Item: Magnetic Nut Driver Socket

- The magnetic nut driver socket materials are CR-V or S2
- The magnetic nut driver sockets are available with different length and sizes
- Suitable to use with any power/impact drill, screwdrivers, impact wrench and socket wrench to loosen or tighten the hexagonal nuts and fasteners
- Perfect to use in industrial site, vehicle repair and maintenance, woodworking and etc.



Magnetic Nut Driver Socket in 45mm		
ITEM NO.	SIZE	L (mm)
NDS0645S	1/4"	45
NDS0845S	5/16"	45
NDS1045S	3/8"	45
NDS1145S	7/16"	45
NDS1345S	1/2"	45
NDS0545	5mm	45
NDS0645	6mm	45
NDS0745	7mm	45
NDS0845	8mm	45
NDS0945	9mm	45
NDS1045	10mm	45
NDS1145	11mm	45
NDS1245	12mm	45
NDS1345	13mm	45
NDS1445	14mm	45

Magnetic Nut Driver Socket in 65mm		
ITEM NO.	SIZE	L (mm)
NDS0665S	1/4"	65
NDS0865S	5/16"	65
NDS1065S	3/8"	65
NDS1165S	7/16"	65
NDS1365S	1/2"	65
NDS0565	5mm	65
NDS0665	6mm	65
NDS0765	7mm	65
NDS0865	8mm	65
NDS0965	9mm	65
NDS1065	10mm	65
NDS1165	11mm	65
NDS1265	12mm	65
NDS1365	13mm	65
NDS1465	14mm	65

Magnetic Nut Driver Socket in 50mm		
ITEM NO.	SIZE	L (mm)
NDS0650S	1/4"	50
NDS0850S	5/16"	50
NDS1050S	3/8"	50
NDS0550	5mm	50
NDS0650	6mm	50
NDS0750	7mm	50
NDS0850	8mm	50
NDS1050	10mm	50
NDS1150	11mm	50
NDS1250	12mm	50
NDS1350	13mm	50
NDS1450	14mm	50

Magnetic Nut Driver Socket in 100mm		
ITEM NO.	SIZE	L (mm)
NDS06100S	1/4"	100
NDS08100S	5/16"	100
NDS10100S	3/8"	100
NDS11100S	7/16"	100
NDS13100S	1/2"	100
NDS08100	8mm	100
NDS10100	10mm	100
NDS12100	12mm	100

Magnetic Nut Driver Socket in 55mm		
ITEM NO.	SIZE	L (mm)
NDS0655S	1/4"	55
NDS0855S	5/16"	55
NDS1055S	3/8"	55
NDS1155S	7/16"	55

Magnetic Nut Driver Socket in 150mm		
ITEM NO.	SIZE	L (mm)
NDS06150S	1/4"	150
NDS08150S	5/16"	150
NDS10150S	3/8"	150
NDS11150S	7/16"	150
NDS13150S	1/2"	150
NDS08150	8mm	150
NDS10150	10mm	150
NDS12150	12mm	150

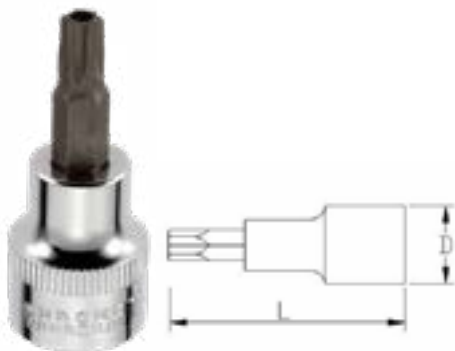


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Bit Sockets

Item: 1/4" Dr. Torx Tamperproof Bit Socket

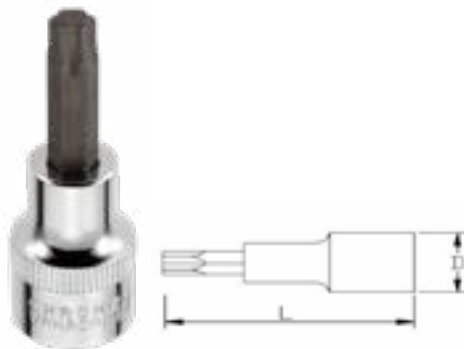
- Bit sockets are available in different surface finish
- bits are available with different material



1/4" Dr. Torx Tamperproof Bit Socket				
ITEM NO.	SIZE	D	L	WEIGHT (g)
TBS02TT8	T8	11.8	37	14
TBS02TT9	T9	11.8	37	14
TBS02TT10	T10	11.8	37	14
TBS02TT15	T15	11.8	37	14
TBS02TT20	T20	11.8	37	14
TBS02TT25	T25	11.8	37	15
TBS02TT27	T27	11.8	37	15
TBS02TT30	T30	11.8	37	16
TBS02TT40	T40	11.8	37	17

Item: 1/4" Dr. Torx Bit Socket

- Bit sockets are available in different surface finish



1/4" Dr. Torx Bit Socket				
ITEM NO.	SIZE	D	L	WEIGHT (g)
TBS02T8	T8	11.8	37	14
TBS02T9	T9	11.8	37	14
TBS02T10	T10	11.8	37	14
TBS02T15	T15	11.8	37	14
TBS02T20	T20	11.8	37	14
TBS02T25	T25	11.8	37	15
TBS02T27	T27	11.8	37	15
TBS02T30	T30	11.8	37	16
TBS02T40	T40	11.8	37	17

Item: 1/4" Dr. Spline Bit Socket

- Bit sockets are available in different surface finish



1/4" Dr. Spline Bit Socket				
ITEM NO.	SIZE	D	L	WEIGHT (g)
SBS02M4	M4	11.8	37	14
SBS02M5	M5	11.8	37	15
SBS02M6	M6	11.8	37	15
SBS02M8	M8	11.8	37	15

Item: 1/4" Dr. Slotted Bit Socket

- Bit sockets are available in different surface finish



1/4" Dr. Slotted Bit Socket				
ITEM NO.	SIZE	D	L	WEIGHT (g)
SBS02SL4	SL4	11.8	37	14
SBS02SL55	SL5.5	11.8	37	14
SBS02SL65	SL6.5	11.8	37	15
SBS02SL7	SL7	11.8	37	15

Item: 1/4" Dr. Hex Bit Socket

- Bit sockets are available in different surface finish



1/4" Dr. Hex Bit Socket				
ITEM NO.	SIZE	D	L	WEIGHT (g)
HBS02H3	H3	11.8	37	14
HBS02H4	H4	11.8	37	14
HBS02H5	H5	11.8	37	15
HBS02H6	H6	11.8	37	16
HBS02H7	H7	11.8	37	16
HBS02H8	H8	11.8	37	18

Item: 1/4" Dr. Pozidriv Bit Socket

- Bit sockets are Available in different surface finish



1/4" Dr. Pozidriv Bit Socket				
ITEM NO.	SIZE	D	L	WEIGHT (g)
PBS02PZ0	PZ0	11.8	37	14
PBS02PZ1	PZ1	11.8	37	14
PBS02PZ2	PZ2	11.8	37	14
PBS02PZ3	PZ3	11.8	37	15

Item: 1/4" Dr. Phillips Bit Socket

- Bit sockets are available in different surface finish



1/4" Dr. Phillips Bit Socket				
ITEM NO.	SIZE	D	L	WEIGHT (g)
PBS02PH0	PH0	11.8	37	14
PBS02PH1	PH1	11.8	37	14
PBS02PH2	PH2	11.8	37	14
PBS02PH3	PH3	11.8	37	15

Item: 3/8" Dr. Torx Tamperproof Bit Socket

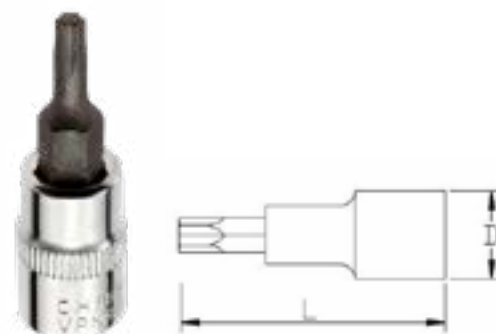
- Bit sockets are available in different surface finish
- Available in deep bit socket



3/8" Dr. Torx Tamperproof Bit Socket				
ITEM NO.	SIZE	D	L	WEIGHT (g)
TBS03TT10	T10	17.8	48	32
TBS03TT15	T15	17.8	48	33
TBS03TT20	T20	17.8	48	34
TBS03TT25	T25	17.8	48	34
TBS03TT27	T27	17.8	48	34
TBS03TT30	T30	17.8	48	34
TBS03TT40	T40	17.8	48	35
TBS03TT50	T50	17.8	48	38
TBS03TT55	T55	17.8	48	45

Item: 3/8" Dr. Torx Bit Socket

- Bit sockets are available in different surface finish
- Available in deep bit socket
- Bits are available with different material

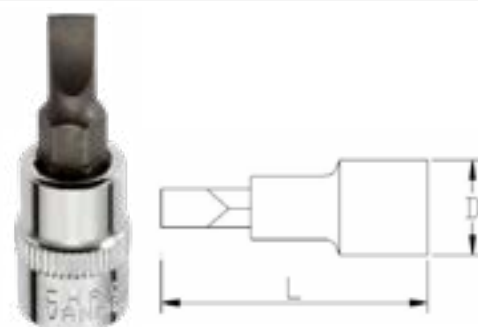


3/8" Dr. Torx Bit Socket				
ITEM NO.	SIZE	D	L	WEIGHT (g)
TBS03T10	T10	17.8	48	32
TBS03T15	T15	17.8	48	33
TBS03T20	T20	17.8	48	34
TBS03T25	T25	17.8	48	34
TBS03T27	T27	17.8	48	34
TBS03T30	T30	17.8	48	35
TBS03T40	T40	17.8	48	36
TBS03T50	T50	17.8	48	38
TBS03T55	T55	17.8	48	48

3/8" Dr. Torx Bit Socket in 92L				
ITEM NO.	SIZE	D	L	WEIGHT (g)
TBS0392T15	T15	17.8	92	47
TBS0392T20	T20	17.8	92	48
TBS0392T25	T25	17.8	92	48
TBS0392T27	T27	17.8	92	48
TBS0392T30	T30	17.8	92	49
TBS0392T40	T40	17.8	92	49
TBS0392T45	T45	17.8	92	50
TBS0392T50	T50	17.8	92	52
TBS0392T55	T55	17.8	92	58

Item: 3/8" Dr. Slotted Bit Socket

- Bit sockets are available in different surface finish
- Available in deep bit socket



3/8" Dr. Slotted Bit Socket				
ITEM NO.	SIZE	D	L	WEIGHT (g)
SBS03SL5	SL5	17.8	48	34
SBS03SL55	SL5.5	17.8	48	34
SBS03SL6	SL6	17.8	48	35
SBS03SL65	SL6.5	17.8	48	35
SBS03SL7	SL7	17.8	48	35
SBS03SL8	SL8	17.8	48	36

Item: 3/8" Dr. Hex Bit Socket

- Bit sockets are available in different surface finish
- Available in deep bit socket



3/8" Dr. Hex Bit Socket				
ITEM NO.	SIZE	D	L	WEIGHT (g)
HBS03H3	H3	17.8	48	35
HBS03H4	H4	17.8	48	35
HBS03H5	H5	17.8	48	35
HBS03H6	H6	17.8	48	36
HBS0307	H7	17.8	48	37
HBS03H8	H8	17.8	48	42
HBS03H10	H10	17.8	48	49

Item: 3/8" Dr. Pozidriv Bit Socket

- Bit sockets are available in different surface finish
- Available in deep bit socket



3/8" Dr. Pozidriv Bit Socket				
ITEM NO.	SIZE	D	L	WEIGHT (g)
PBS03PZ0	PZ0	17.8	48	34
PBS03PZ1	PZ1	17.8	48	34
PBS03PZ2	PZ2	17.8	48	34
PBS03PZ3	PZ3	17.8	48	35

Item: 3/8" Dr. Phillips Bit Socket

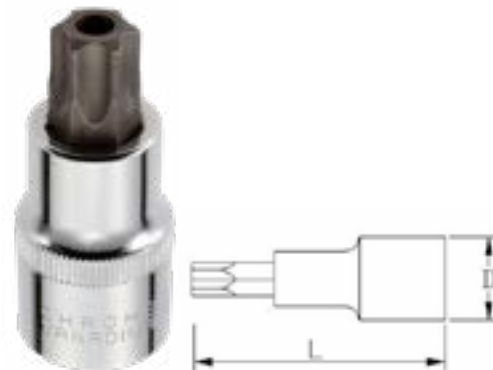
- Bit sockets are available in different surface finish
- Available in deep bit socket



3/8" Dr. Phillips Bit Socket				
ITEM NO.	SIZE	D	L	WEIGHT (g)
PBS03PH0	PH0	17.8	48	34
PBS03PH1	PH1	17.8	48	34
PBS03PH2	PH2	17.8	48	35
PBS03PH3	PH3	17.8	48	35

Item: 1/2" Dr. Torx Temperproof Bit Socket

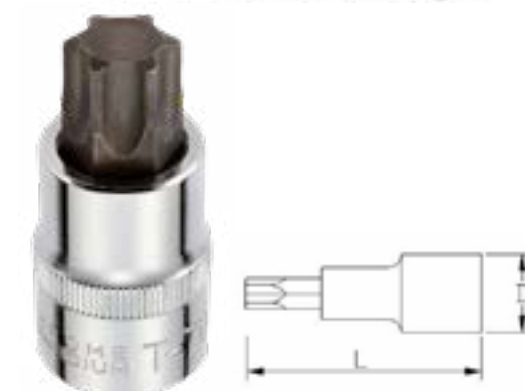
- Bit sockets are available in different surface finish
- Available in deep bit socket



1/2" Dr. Torx Temperproof Bit Socket				
ITEM NO.	SIZE	D	L	WEIGHT (g)
TBS04TT20	T20	23.8	55	56
TBS04TT25	T25	23.8	55	82
TBS04TT30	T30	23.8	55	88
TBS04TT40	T40	23.8	55	86
TBS04TT45	T45	23.8	55	88
TBS04TT50	T50	23.8	55	90
TBS04TT55	T55	23.8	55	92
TBS04TT60	T60	23.8	55	102
TBS04TT70	T70	23.8	60	92

Item: 1/2" Dr. Torx Bit Socket

- Bit sockets are available in different surface finish
- Available in deep bit socket



1/2" Dr. Torx Bit Socket				
ITEM NO.	SIZE	D	L	WEIGHT (g)
TBS04T20	T20	23.8	55	56
TBS04T25	T25	23.8	55	82
TBS04T30	T30	23.8	55	88
TBS04T40	T40	23.8	55	86
TBS04T45	T45	23.8	55	88
TBS04T50	T50	23.8	55	90
TBS04T55	T55	23.8	55	92
TBS04T60	T60	23.8	55	102
TBS04T70	T70	23.8	55	105

1/2" Dr. Torx Bit Socket in 100L				
ITEM NO.	SIZE	D	L	WEIGHT (g)
TBS04100T20	T20	23.8	100	95
TBS04100T25	T25	23.8	100	102
TBS04100T30	T30	23.8	100	115
TBS04100T40	T40	23.8	100	118
TBS04100T45	T45	23.8	100	119
TBS04100T50	T50	23.8	100	121
TBS04100T55	T55	23.8	100	125
TBS04100T60	T60	23.8	100	130
TBS04100T70	T70	23.8	100	138

1/2" Dr. Torx Bit Socket in 140L				
ITEM NO.	SIZE	D	L	WEIGHT (g)
TBS04140T20	T20	23.8	140	141
TBS04140T25	T25	23.8	140	142
TBS04140T30	T30	23.8	140	140
TBS04140T40	T40	23.8	140	142
TBS04140T45	T45	23.8	140	143
TBS04140T50	T50	23.8	140	144
TBS04140T55	T55	23.8	140	147
TBS04140T60	T60	23.8	140	179
TBS04140T70	T70	23.8	140	220

Item: 1/2" Dr. Spline Bit Socket

- Bit sockets are available in different surface finish
- Available in deep bit socket



1/2" Dr. Spline Bit Socket

ITEM NO.	SIZE	D	L	WEIGHT (g)
SBS04M6	M6	23.8	55	84
SBS04M8	M8	23.8	55	88
SBS04M10	M10	23.8	55	92
SBS04M12	M12	23.8	55	105
SBS04M14	M14	23.8	55	120

1/2" Dr. Spline Bit Socket in 100 L

ITEM NO.	SIZE	D	L	WEIGHT (g)
SBS04100M5	M5	23.8	100	115
SBS04100M6	M6	23.8	100	116
SBS04100M8	M8	23.8	100	117
SBS04100M10	M10	23.8	100	118
SBS04100M12	M12	23.8	100	140
SBS04100M14	M14	23.8	100	168
SBS04100M16	M16	23.8	100	230

1/2" Dr. Spline Bit Socket in 140 L

ITEM NO.	SIZE	D	L	WEIGHT (g)
SBS04140M6	M6	23.8	140	139
SBS04140M8	M8	23.8	140	142
SBS04140M10	M10	23.8	140	145
SBS04140M12	M12	23.8	140	180
SBS04140M14	M14	23.8	140	220

Item: 1/2" Dr. Slotted Bit Socket

- Bit sockets are available in different surface finish
- Available in deep bit socket



1/2" Dr. Slotted Bit Socket

ITEM NO.	SIZE	D	L	WEIGHT (g)
SBS04SL8	SL8	23.8	55	56
SBS04SL10	SL10	23.8	55	86
SBS04SL12	SL12	23.8	55	97

Item: 1/2" Dr. Pozidriv Bit Socket

- Bit sockets are available in different surface finish
- Available in deep bit socket



1/2" Dr. Pozidriv Bit Socket

ITEM NO.	SIZE	D	L	WEIGHT (g)
PBS04PZ3	PZ3	23.8	55	85
PBS04PZ4	PZ4	23.8	55	86

Item: 1/2" Dr. Hex Bit Socket

- Bit sockets are available in different surface finish
- Available in deep bit socket



1/2" Dr. Hex Bit Socket

ITEM NO.	SIZE	D	L	WEIGHT (g)
HBS04H5	H5	23.8	55	85
HBS04H6	H6	23.8	55	86
HBS04H7	H7	23.8	55	86
HBS04H8	H8	23.8	55	88
HBS04H10	H10	23.8	55	92
HBS04H12	H12	23.8	55	105
HBS04H14	H14	23.8	55	120
HBS04H17	H17	23.8	55	160
HBS04H19	H19	23.8	60	167

1/2" Dr. Hex Bit Socket in 100L

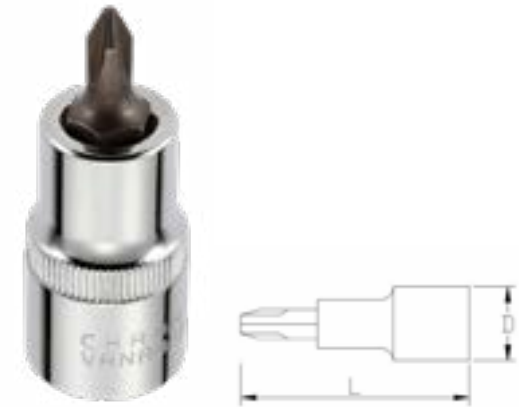
ITEM NO.	SIZE	D	L	WEIGHT (g)
HBS04100H5	H5	23.8	100	102
HBS04100H6	H6	23.8	100	105
HBS04100H7	H7	23.8	100	106
HBS04100H8	H8	23.8	100	108
HBS04100H10	H10	23.8	100	123
HBS04100H12	H12	23.8	100	131
HBS04100H14	H14	23.8	100	138
HBS04100H17	H17	23.8	100	141
HBS04100H19	H19	23.8	100	152

1/2" Dr. Hex Bit Socket in 140L

ITEM NO.	SIZE	D	L	WEIGHT (g)
HBS04140H5	H5	23.8	140	115
HBS04140H6	H6	23.8	140	118
HBS04140H8	H8	23.8	140	115
HBS04140H10	H10	23.8	140	145
HBS04140H12	H12	23.8	140	180
HBS04140H14	H14	23.8	140	230
HBS04140H17	H17	23.8	140	315

Item: 1/2" Dr. Phillips Bit Socket

- Bit sockets are available in different surface finish
- Available in deep bit socket



1/2" Dr. Phillips Bit Socket

ITEM NO.	SIZE	D	L	WEIGHT (g)
PBS04PH3	PH3	23.8	55	86
PBS04PH4	PH4	23.8	55	86

Accessories

Item: Hand Adapter

- Available in different finish
- Available in different size



Item No.	Size	L (mm)	D (mm)	Weight (g)
AD0203	1/4"F X 3/8"M	26	12.5	15.5
AD0302	3/8"F X 1/4"M	27	17	21.0
AD0304	3/8"F X 1/2"M	36	18	42.5
AD0403	1/2"F X 3/8"M	36	22	47.5
AD0406	1/2"F X 3/4"M	46	26	129.0
AD0604	3/4"F X 1/2"M	50	32	132.0

Item: L Handle

- Available in different finish
- Available in different size



Item No.	Size	L (mm)	Weight (g)
LH0265	1/4"	165	73
LH0308	3/8"	200	220
LH0310	3/8"	250	260
LH0408	1/2"	200	331
LH0410	1/2"	250	429
LH0412	1/2"	300	537
LH0618	3/4"	460	1881
LH1018	1"	460	3760
LH1026	1"	650	4780

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Item: Spinner Handle

- Available in go-through type
- Available in different handle



Spinner Handle		
ITEM NO.	SIZE	L
SPIH0206	1/4" DR.	6" (150cm)
SPIH0208	1/4" DR.	8" (210cm)
SPIH0310	3/8" DR.	10" (250 mm)

Item: 3 Way Adapter (Sliding T Bar Adapter)

- Available in different surface finish



ITEM NO.	SIZE	WEIGHT (g)
3WA0302	3/8F*1/4M	21.0
3WA0203	1/4"F*3/8"M	15.5
3WA0304	3/8"F*1/2"M	42.5
3WA0403	1/2"F*3/8"M	47.5
3WA0406	1/2"F*3/4"M	129
3WA0604	3/4"F*1/2"M	132

Item: Bit Adapter (Coupler)

- Available in different surface finish



1/4" Bit Adapter			
ITEM NO.	HEX	L	WEIGHT (g)
BA0206	1/4"	25	15

3/8" Bit Adapter			
ITEM NO.	HEX	L	WEIGHT (g)
BA0306	1/4"	30	33
BA0308	5/16"	30	35
BA0310	10 mm	30	35

1/2" Bit Adapter			
ITEM NO.	HEX	L	WEIGHT (g)
BA0406	1/4"	38	50
BA0408	5/16"	38	60
BA0410	10 mm	38	65

Item: Universal Joint

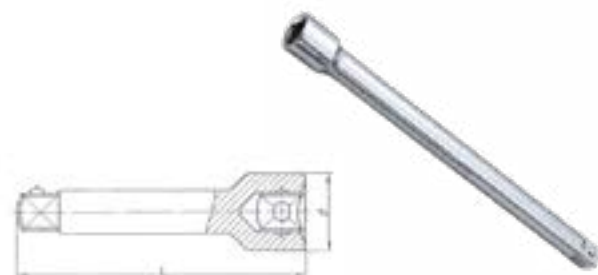
- Available in different surface finish
- Available in 90 degree



Universal Joint				
ITEM NO.	SIZE	D	L	WEIGHT (g)
UJ02	1/4" DR.	13.8	40	25
UJ03	3/8" DR.	18.8	55	68
UJ04	1/2" DR.	24.8	75	160

Item: Extension Bar

- Available in different surface finish
- Available in different length



1/4" Dr. Extension Bar			
ITEM NO.	SIZE	L	WEIGHT (g)
EB0202	2"	50	30
EB0203	3"	75	40
EB0204	4"	100	50
EB0203	6"	150	70
EB0209	9"	230	96
EB0210	10"	250	106
EB0212	12"	300	120

3/8" Dr. Extension Bar			
ITEM NO.	SIZE	L	WEIGHT (g)
EB030175	1-3/4"	45	50
EB0303	3"	75	80
EB0305	5"	125	130
EB0306	6"	150	160
EB0308	8"	200	200
EB0309	9"	230	230
EB0310	10"	250	260
EB0312	12"	300	310
EB0324	24"	600	550

1/2" Dr. Extension Bar			
ITEM NO.	SIZE	L	WEIGHT (g)
EB0402	2"	50	108
EB0403	3"	75	130
EB0405	5"	125	200
EB0410	10"	250	438
EB0412	12"	300	490
EB0416	16"	400	601
EB0420	20"	500	1130
EB0424	24"	600	1304

3/4" Dr. Extension Bar			
ITEM NO.	SIZE	L	WEIGHT (g)
EB0604	4"	100	440
EB0606	6"	150	550
EB0608	8"	200	740
EB0616	16"	400	1340

1" Dr. Extension Bar			
ITEM NO.	SIZE	L	WEIGHT (g)
EB1008	8"	200	1350
EB1016	16"	400	1570

Item: Sliding T Bar

- Available in different surface finish
- Available in different length



Sliding T Bar			
ITEM NO.	SIZE	L	WEIGHT (g)
ST0245	1/4" DR.	110	44
ST0306	3/8" DR.	160	143
ST0308	3/8" DR.	200	170
ST0410	1/2" DR.	250	356
ST0412	1/2" DR.	300	403
ST0416	1/2" DR.	400	482
ST0618	3/4" DR.	450	1376
ST0620	3/4" DR.	500	1487
ST1018	1" DR.	450	2780

Item: F Handles (Breaker Bar)

- Available in different surface finish
- Action degree-180°
- Also available in universal head



1/4" Dr. F Handle			
ITEM NO.	SIZE	L	WEIGHT (g)
F0206	6	150	120

3/8" Dr. F Handle			
ITEM NO.	SIZE	L	WEIGHT (g)
F0308	8	200	160
F0310	10	250	210

1/2" Dr. F Handle			
ITEM NO.	SIZE	L	WEIGHT (g)
F0415	15	375	720
F0418	18	450	828
F0424	24	600	1165

3/4" Dr. F Handle			
ITEM NO.	SIZE	L	WEIGHT (g)
F0620	20	505	1807

Item No.: R0201/R0301/R0401 1/4"Dr., 3/8"Dr. or 1/2"Dr. Reversible Ratchet Handle

- Available in different handles

ITEM NO.	DESCRIPTION
R0201	1/4" Dr. Ratchet Handle
R0301	3/8" Dr. Ratchet Handle
R0401	1/2" Dr. Ratchet Handle



Item No.: R0202/R0302/R0402 1/4"Dr., 3/8"Dr. or 1/2"Dr. Dust Proof Curved Ratchet Handle

- Available in different finish
- Available and can customized in different rubber handle color
- Prevent foreign objects damage in sensitive work environment

ITEM NO.	DESCRIPTION
R0202	1/4" Dr. Professional Ratchet Handle 72T or 90T
R0302	3/8" Dr. Professional Ratchet Handle 72T or 90T
R0402	1/2" Dr. Professional Ratchet Handle 72T or 90T



Item No.: R0203/R0303/R0403 1/4"Dr., 3/8"Dr. or 1/2"Dr. Dust Proof Ratchet Handle

- Available in different finish
- Aluminum handle and can customized length
- Prevent foreign objects damage in sensitive work environment

ITEM NO.	DESCRIPTION
R0203	1/4" Dr. Professional Ratchet Handle 72T or 90T
R0303	3/8" Dr. Professional Ratchet Handle 72T or 90T
R0403	1/2" Dr. Professional Ratchet Handle 72T or 90T



Item No.: R0204/R0304/R0404 1/4"Dr., 3/8"Dr. or 1/2"Dr. Dust Proof Ratchet Handle

- Available in different finish
- Prevent foreign objects damage in sensitive work environment

ITEM NO.	DESCRIPTION
R0204	1/4" Dr. Professional Ratchet Handle 72T or 90T
R0304	3/8" Dr. Professional Ratchet Handle 72T or 90T
R0404	1/2" Dr. Professional Ratchet Handle 72T or 90T



Item No.: RQ0201/RQ0301/ RQ0401 1/4"Dr., 3/8"Dr. or 1/2"Dr. Reversible Ratchet Handle

- Available in different handles

ITEM NO.	DESCRIPTION
RQ0201	1/4" Dr. Professional Ratchet Handle 24T&45T with Quick Release
RQ0301	3/8" Dr. Professional Ratchet Handle 24T&45T with Quick Release
RQ0401	1/2" Dr. Professional Ratchet Handle 24T&45T with Quick Release



Item No.: RQ0202/RQ0302/ RQ0402 1/4"Dr., 3/8"Dr. or 1/2"Dr. Reversible Ratchet Handle

- Available in different handles

ITEM NO.	DESCRIPTION
RQ0202	1/4" Dr. Professional Ratchet Handle 24T&45T with Quick Release
RQ0302	3/8" Dr. Professional Ratchet Handle 24T&45T with Quick Release
RQ0402	1/2" Dr. Professional Ratchet Handle 24T&45T with Quick Release



**Item No.: RQ0203/RQ0303/
RQ0403**

**1/4"Dr., 3/8"Dr. or 1/2"Dr.
Reversible Ratchet Handle**

- Available in different handles

ITEM NO.	DESCRIPTION
RQ0203	1/4" Dr. Professional Ratchet Handle 72T with Quick Release
RQ0303	3/8" Dr. Professional Ratchet Handle 72T with Quick Release
RQ0403	1/2" Dr. Professional Ratchet Handle 72T with Quick Release



**Item No.: RQ0204/RQ0304/
RQ0404**

**1/4"Dr., 3/8"Dr. or 1/2"Dr.
Reversible Curved Ratchet
Handle**

- Available in different handles

ITEM NO.	DESCRIPTION
RQ0204	1/4" Dr. Professional Curved Ratchet Handle 72T with Quick Release
RQ0304	3/8" Dr. Professional Curved Ratchet Handle 72T with Quick Release
RQ0404	1/2" Dr. Professional Curved Ratchet Handle 72T with Quick Release



**Item No.: RQ0205/RQ0305/
RQ0405**

**1/4"Dr., 3/8"Dr. or 1/2"Dr.
Reversible Curved Ratchet
Handle**

- Available in different handles

ITEM NO.	DESCRIPTION
RQ0205	1/4" Dr. Professional Curved Ratchet Handle 72T with Quick Release
RQ0305	3/8" Dr. Professional Curved Ratchet Handle 72T with Quick Release
RQ0405	1/2" Dr. Professional Curved Ratchet Handle 72T with Quick Release



**Item No.: RQ0206/RQ0306/
RQ0406**

**1/4"Dr., 3/8"Dr. or 1/2"Dr.
Reversible Curved Ratchet
Handle**

- Available in different handles

ITEM NO.	DESCRIPTION
RQ0206	1/4" Dr. Professional Ratchet Handle 24T&45T with Quick Release
RQ0306	3/8" Dr. Professional Ratchet Handle 24T&45T with Quick Release
RQ0406	1/2" Dr. Professional Ratchet Handle 24T&45T with Quick Release



**Item No.: RQ0207/RQ0307/
RQ0407**

**1/4"Dr., 3/8"Dr. or 1/2"Dr.
Reversible Ratchet Handle**

- Reversible Ratchet Handle

ITEM NO.	DESCRIPTION
RQ0207	1/4" Dr. Professional Ratchet Handle 24T&45T with Quick Release
RQ0307	3/8" Dr. Professional Ratchet Handle 24T&45T with Quick Release
RQ0407	1/2" Dr. Professional Ratchet Handle 24T&45T with Quick Release



**Item No.: RQ0208/RQ0308/
RQ0408**

**1/4"Dr., 3/8"Dr. or 1/2"Dr.
Reversible Curved Ratchet
Handle**

- Available in different finish
- Available and can customized in different rubber handle color

ITEM NO.	DESCRIPTION
RQ0208	1/4" Dr. Professional Ratchet Handle 72T with Quick Release
RQ0308	3/8" Dr. Professional Ratchet Handle 72T with Quick Release
RQ0408	1/2" Dr. Professional Ratchet Handle 72T with Quick Release



**Item No.: RQ0209/RQ0309/
RQ0409**
**1/4"Dr., 3/8"Dr. or 1/2"Dr.
Reversible Ratchet Handle**

- Available in different finish
- Available and can customized in different rubble handle color

ITEM NO.	DESCRIPTION
RQ0209	1/4" Dr. Professional Ratchet Handle 72T with Quick Release
RQ0309	3/8" Dr. Professional Ratchet Handle 72T with Quick Release
RQ0409	1/2" Dr. Professional Ratchet Handle 72T with Quick Release



Item No.: RGR02DT/RGR02BT
**1/4"Dr. Reversible Gear
Ratchet-DT & BT**

- Light weight and excellent choice to use with 1/4" Dr. Sockets or bits
- All comply with ANSI/DIN standard

Item No.	Size (mm)	D1 (mm)	D2 (mm)	T1 (mm)	T2 DT	L (mm)
RGR02DT	1/4" DT	14.0	16.5	6.8	17.0	85

Item No.	Size (mm)	D1 (mm)	D2 (mm)	T1 (mm)	T2 BT	L (mm)
RGR02BT	1/4" BT	14.0	16.5	6.8	16.5	85



Item No.: RQ0601/RQ1001
**3/4"Dr. or 1"Dr. Reversible
Ratchet Handle**

- Available in different finish

ITEM NO.	DESCRIPTION
RQ0601	3/4" Dr. Professional Ratchet Handle 24T with Quick Release, 500mm
RQ1001	1" Dr. Professional Ratchet Handle 24T with Quick Release, 675mm



Item No.: RQ0602
**3/4"Dr. Reversible Ratchet
Handle**

- Available in different finish

ITEM NO.	DESCRIPTION
RQ0602	3/4" Dr. Professional Ratchet Handle 24T with Quick Release, 500mm



**Item: Speed Handle in Metal
Handle**

- Available in different finish

Speed Handle				
ITEM NO.	SIZE	Ø (mm)	L (mm)	WEIGHT (g)
SPS02370	1/4" Dr.	9.5	370	300
SPS03370	3/8" Dr.	9.5	370	300
SPS03370-2	3/8" Dr.	12.0	370	550
SPS04400	1/2" Dr.	12.7	400	500
SPS04420	1/2" Dr.	12.7	420	580



**Item: Speed Handle in Black
Handle**

- Available in different finish

Speed Handle				
ITEM NO.	SIZE	Ø (mm)	L (mm)	WEIGHT (g)
SPB04400	1/2" Dr.	12.7	400	500
SPB04420	1/2" Dr.	12.7	420	580



Item No: RGR02BT02

1/4"Dr. Mini Bit Gear Ratchet

- Mini bit gear ratchet is with quick release function so the bit can be released easily
- Special design for 1/4" stubby bit type.



Item No.	Size (mm)	D1 (mm)	D2 (mm)	T1 (mm)	T2 BT	L (mm)
RGR02BT02	1/4" BT (HEX)	14.0	16.5	6.8	11.5	85

Item No.: THAPS1801

Two Way T Handle Socket Set

- Sockets are mat finished.
- Don't need adapter and can be used with 3/8"dr. sockets and 1/4"dr. bit
- T handle can be used as screwdrivers
- Great and easy set for repairing motorcycles



1-Two Way T Handle with Adapter
5-3/8" Dr. Metric Loose Sockets: 8-10-12-13-14mm
11-1/4" Dr. Bit in 25mm: PH2-PH3; SL4-SL5-SL6; H2-H3-H4; T10-T15-T20
1-1/4" Square Drive Adapter

Item No.: THAS1801

T Handle Socket Set

- Sockets are mat finished.
- Don't need adapter and can be used with 3/8"dr. sockets and 1/4"dr. bit
- Great and easy set for repairing motorcycles



1-T Handle with Adapter
5-3/8" Dr. Metric Loose Sockets: 8-10-12-13-14mm
11-1/4" Dr. Bit in 25mm: PH2-PH3; SL4-SL5-SL6; H2-H3-H4; T10-T15-T20
1-1/4" Square Drive Adapter

Item No.: THAP01

Two Way T Handle with Adapter

- Metal bar in mat finished
- Don't need adapter and can be used with 3/8"dr. sockets and 1/4"dr. bit
- T handle can be used as screwdrivers

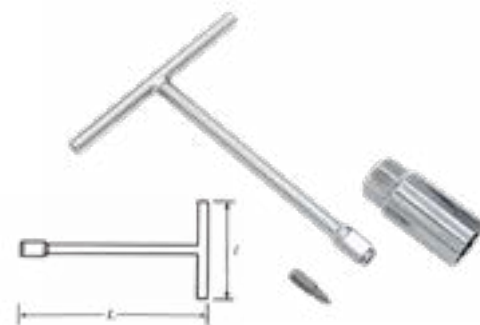


Two Way T Handle with Adapter		
ITEM NO.	L (mm)	L (mm)
THAP01	120	150

Item No.: THA01

T Handle with Adapter

- Metal bar in mat finished
- Don't need adapter and can be used with 3/8"dr. sockets and 1/4"dr. bit

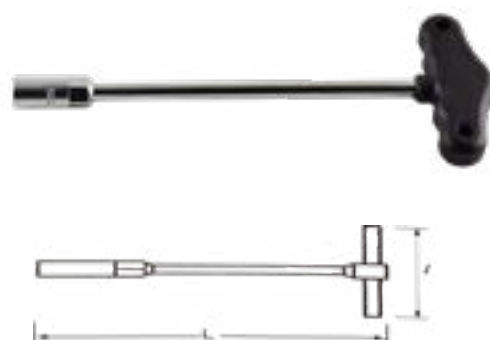


T Handle with Adapter		
ITEM NO.	L (mm)	L (mm)
THA01	120	150

Item No.: THP06~THP19

T Handle with Plastic Handle

- Metal bar in mat finished
- Easy to use with different sizes



T Handle with Plastic Handle			
ITEM NO.	SIZE	L (mm)	L (mm)
THP06	6mm	108	275
THP07	7mm	108	275
THP08	8mm	108	275
THP09	9mm	108	275
THP10	10mm	108	275
THP11	11mm	108	275
THP12	12mm	108	275
THP13	13mm	108	275
THP14	14mm	108	275
THP15	15mm	108	275
THP16	16mm	108	275
THP17	17mm	108	275
THP18	18mm	108	275
THP19	19mm	108	275

Item No.: STH08~STH19

3/8"Dr. Sliding T Handle Nut Driver

- Available in different finish
- Easy to use with different sizes



3/8"Dr. Sliding T Handle Nut Driver			
ITEM NO.	SIZE	L (mm)	L (mm)
STH08	8mm	200	317
STH09	9mm	200	317
STH10	10mm	200	317
STH11	11mm	200	317
STH12	12mm	200	317
STH13	13mm	200	317
STH14	14mm	200	317
STH17	17mm	200	317
STH19	19mm	200	317

Item No: TH08/ TH10/ TH12/ TH13/ TH14/ TH17

Deep Socket Rotating T Handle

- T handle is available with mirror and mat finished
- With different aluminum tube colors, customers can identify the size easily
- Rotating T handle can easily tighten and untighten the bolts/nuts easily.



Deep Socket Rotating T Handle			
ITEM NO.	SIZE	L (mm)	L (mm)
TH08	8mm	200	300
TH10	10mm	200	300
TH12	12mm	200	300
TH13	13mm	200	300
TH14	14mm	200	300
TH17	17mm	250	300

Item No: THD02/ THD03/ THD04

T Handle Driver

- T handle is available with mirror and mat finished
- With different aluminum tube colors, customers can identify the size easily
- Rotating T handle can easily tighten and untighten the bolts/nuts easily.
- T handle driver is available with 1/4", 3/8" and 1/2" adapter for the sockets
- Also available with universal type driver



T Handle Driver			
ITEM NO.	SIZE	l (mm)	L (mm)
THD02	1/4"	180	250
THD03	3/8"	180	250
THD04	1/2"	250	300



Screwdriver Bits, Power Bits and Impact Bits

Item: Single End Impact Bit

- Impact bits material is S2
- Impact bits are available in single end and double end with various length
- Impact bits are available with different surface finished such as sand-blasted, manganese phosphate, zinc phosphate and etc.
- Unique torsion zone can withstand higher torque and continuous impact action from impact driver tools



6.35mm (1/4") Single End Phillips Head		
Item No.	Size	L (mm)
IB0225PH1	PH1	25
IB0225PH2	PH2	25
IB0225PH3	PH3	25
IB0250PH1	PH1	50
IB0250PH2	PH2	50
IB0250PH3	PH3	50
IB0275PH1	PH1	75
IB0275PH2	PH2	75
IB0275PH3	PH3	75
IB02100PH1	PH1	100
IB02100PH2	PH2	100
IB02100PH3	PH3	100
IB02150PH1	PH1	150
IB02150PH2	PH2	150
IB02150PH3	PH3	150

6.35mm (1/4") Single End Pozidriv Head		
Item No.	Size	L (mm)
IB0225PZ1	PZ1	25
IB0225PZ2	PZ2	25
IB0225PZ3	PZ3	25
IB0250PZ1	PZ1	50
IB0250PZ2	PZ2	50
IB0250PZ3	PZ3	50
IB0275PZ1	PZ1	75
IB0275PZ2	PZ2	75
IB0275PZ3	PZ3	75
IB02100PZ1	PZ1	100
IB02100PZ2	PZ2	100
IB02100PZ3	PZ3	100
IB02150PZ1	PZ1	150
IB02150PZ2	PZ2	150
IB02150PZ3	PZ3	150

6.35mm (1/4") Single End Torx Head		
Item No.	Size	L (mm)
IB0225T10	T10	25
IB0225T15	T15	25
IB0225T20	T20	25
IB0225T25	T25	25
IB0225T30	T30	25
IB0225T40	T40	25
IB0250T10	T10	50
IB0250T15	T15	50
IB0250T20	T20	50
IB0250T25	T25	50
IB0250T30	T30	50
IB0250T40	T40	50
IB0275T10	T10	75
IB0275T15	T15	75
IB0275T20	T20	75
IB0275T25	T25	75
IB0275T30	T30	75
IB0275T40	T40	75
IB02100T10	T10	100
IB02100T15	T15	100
IB02100T20	T20	100
IB02100T25	T25	100
IB02100T30	T30	100
IB02100T40	T40	100
IB02150T10	T10	150
IB02150T15	T15	150
IB02150T20	T20	150
IB02150T25	T25	150
IB02150T30	T30	150
IB02150T40	T40	150

6.35mm (1/4") Single End Square Head		
Item No.	Size	L (mm)
IB0225S1	S1	25
IB0225S2	S2	25
IB0225S3	S3	25
IB0250S1	S1	50
IB0250S2	S2	50
IB0250S3	S3	50
IB0275S1	S1	75
IB0275S2	S2	75
IB0275S3	S3	75
IB02100S1	S1	100
IB02100S2	S2	100
IB02100S3	S3	100
IB02150S1	S1	150
IB02150S2	S2	150
IB02150S3	S3	150

6.35mm (1/4") Single End Hex Head		
Item No.	Size	L (mm)
IB0225H2	H2	25
IB0225H3	H3	25
IB0225H4	H4	25
IB0225H5	H5	25
IB0250H2	H2	50
IB0250H3	H3	50
IB0250H4	H4	50
IB0250H5	H5	50
IB0275H2	H2	75
IB0275H3	H3	75
IB0275H4	H4	75
IB0275H5	H5	75
IB02100H2	H2	100
IB02100H3	H3	100
IB02100H4	H4	100
IB02100H5	H5	100
IB02150H2	H2	150
IB02150H3	H3	150
IB02150H4	H4	150
IB02150H5	H5	150

Item: Double End Impact Bit

- Impact bits material is S2
- Impact bits are available in single end and double end with various length
- Impact bits are available with different surface finished such as sand-blasted, manganese phosphate, zinc phosphate and etc.
- Unique torsion zone can withstand higher torque and continuous impact action from impact driver tools



6.35mm (1/4") Double End Phillips Head		
Item No.	Size	L (mm)
IBD0265PH2	PH2 X PH2	65
IBD0265PH2	PH2 X PH2	110

Item: Power Bit

- Power bit material: 8660 or S2
- Bits are anti-rust oiled
- Bits are available with different finish
- Power bits are available in single end



6.35mm (1/4") Double Phillips Head		
Item No.	Size	L (mm)
PBD0245PH1	PH1 X PH1	45
PBD0245PH2	PH2 X PH2	45
PBD0245PH3	PH3 X PH3	45
PBD0265PH1	PH1 X PH1	65
PBD0265PH2	PH2 X PH2	65
PBD0265PH3	PH3 X PH3	65
PBD02110PH1	PH1 X PH1	110
PBD02110PH2	PH2 X PH2	110
PBD02110PH3	PH3 X PH3	110
PBD02150PH1	PH1 X PH1	150
PBD02150PH2	PH2 X PH2	150
PBD02150PH3	PH3 X PH3	150

6.35mm (1/4") Phillips/ Slotted Head		
Item No.	Size	L (mm)
PBD0245PH1SL4	PH1 X SL4	45
PBD0245PH2SL5	PH2 X SL5	45
PBD0245PH3SL6	PH3 X SL6	45
PBD0265PH1SL4	PH1 X SL4	65
PBD0265PH2SL5	PH2 X SL5	65
PBD0265PH3SL6	PH3 X SL6	65
PBD02110PH1SL4	PH1 X SL4	110
PBD02110PH2SL5	PH2 X SL5	110
PBD02110PH3SL6	PH3 X SL6	110
PBD02150PH1SL4	PH1 X SL4	150
PBD02150PH2SL5	PH2 X SL5	150
PBD02150PH3SL6	PH3 X SL6	150

Item No.: TBS041501

15pcs 1/2" (10mm) Torx Bit Sets

- Bit sets are available in different content



7-1/2" (10mm) Torx Bit : T20, T25, T30, T40, T45, T50, T55 (30mmL)
7-1/2" (10mm) Torx Bit : T20, T25, T30, T40, T45, T50, T55 (75mmL)
1-1/2" Bit adapter

Item: Slotted Bits

- Bit material: S2 or 6150
- Bits are anti-rust oiled
- Bits are available with different finish



6.35mm (1/4")			
Item No.	Size	L (mm)	Weight (g)
SB0225SL4	SL4	25	4.80
SB0225SL45	SL4.5	25	4.60
SB0225SL5	SL5	25	4.60
SB0225SL55	SL5.5	25	5.20
SB0225SL6	SL6	25	5.20
SB0225SL65	SL6.5	25	5.00
SB0225SL7	SL7	25	5.40
SB0230SL4	SL4	30	5.80
SB0230SL5	SL5	30	6.00
SB0230SL55	SL5.5	30	6.40
SB0230SL6	SL6	30	6.00
SB0230SL65	SL6.5	30	6.60
SB0230SL7	SL7	30	6.60

5/16"			
Item No.	Size	L (mm)	Weight (g)
SB0830SL5	SL5	30	8.80
SB0830SL6	SL6	30	9.20
SB0830SL7	SL7	30	9.40
SB0830SL8	SL8	30	9.80
SB0830SL10	SL10	30	12.09
SB0830SL12	SL12	30	14.38

10mm			
Item No.	Size	L (mm)	Weight (g)
SB1030SL4	SL4	30	12.26
SB1030SL55	SL5.5	30	12.60
SB1030SL6	SL6	30	13.20
SB1030SL65	SL6.5	30	13.36
SB1060SL8	SL8	30	13.76
SB1030SL10	SL10	30	15.02

Item: Phillips Bits

- Bit material: S2 or 6150
- Bits are anti-rust oiled
- Bits are available with different finish



6.35mm (1/4")			
Item No.	Size	L (mm)	Weight (g)
PB0225PH0	PH0	25	4.60
PB0225PH1	PH1	25	5.00
PB0225PH2	PH2	25	5.00
PB0225PH3	PH3	25	5.20

5/16"			
Item No.	Size	L (mm)	Weight (g)
PB0830PH1	PH1	30	8.20
PB0830PH2	PH2	30	8.20
PB0830PH3	PH3	30	9.82
PB0830PH4	PH4	30	10.38

10mm			
Item No.	Size	L (mm)	Weight (g)
PB1030PH1	PH1	30	11.80
PB1030PH2	PH2	30	12.80
PB1030PH3	PH3	30	13.61
PB1030PH4	PH4	30	13.80

Item: Spline Bits

- Bit material: S2 or 6150
- Bits are anti-rust oiled
- Bits are available with different finish



6.35mm (1/4")			
Item No.	Size	L (mm)	Weight (g)
SB0225M4	M4	25	4.60
SB0225M5	M5	25	5.20
SB0225M6	M6	25	5.80

5/16"			
Item No.	Size	L (mm)	Weight (g)
SB0830M5	M5	30	9.20
SB0830M6	M6	30	9.60
SB0830M8	M8	30	10.20
SB0830M10	M10	30	14.20
SB0830M12	M12	30	17.20

10mm			
Item No.	Size	L (mm)	Weight (g)
SB1030M5	M5	30	12.84
SB1030M6	M6	30	13.08
SB1030M8	M8	30	14.78
SB1030M10	M10	30	17.34
SB1030M12	M12	30	20.52
SB1075M5	M5	75	41.56
SB1075M6	M6	75	44.23
SB1075M8	M8	75	43.15
SB1075M10	M10	75	45.96
SB1075M12	M12	75	54.75

Item: Pozidriv Bits

- Bit material: S2 or 6150
- Bits are anti-rust oiled
- Bits are available with different finish



6.35mm (1/4")			
Item No.	Size	L (mm)	Weight (g)
PB0225PZ0	PZ0	25	4.60
PB0225PZ1	PZ1	25	5.00
PB0225PZ2	PZ2	25	5.00
PB0225PZ3	PZ3	25	5.20
PB0230PZ1	PZ1	30	6.00
PB0230PZ2	PZ2	30	6.40
PB0230PZ3	PZ3	30	6.40

5/16"			
Item No.	Size	L (mm)	Weight (g)
PB0830PZ1	PZ1	30	8.20
PB0830PZ2	PZ2	30	8.60
PB0830PZ3	PZ3	30	10.03
PB0830PZ4	PZ4	30	10.44

10mm			
Item No.	Size	L (mm)	Weight (g)
PB1030PZ1	PZ1	30	11.80
PB1030PZ2	PZ2	30	12.20
PB1030PZ3	PZ3	30	13.40
PB1030PZ4	PZ4	30	14.00

Item: Torx Bits

- Bit material: S2 or 6150
- Bits are anti-rust oiled
- Bits are available with different finish



6.35mm (1/4")			
Item No.	Size	L (mm)	Weight (g)
TB0225T8	T8	25	4.60
TB0225T10	T10	25	4.60
TB0225T15	T15	25	4.80
TB0225T20	T20	25	5.00
TB0225T25	T25	25	5.00
TB0225T27	T27	25	5.00
TB0225T30	T30	25	5.60
TB0225T40	T40	25	6.20
TB0230T10	T10	30	5.80
TB0230T15	T15	30	5.80
TB0230T20	T20	30	6.00
TB0230T25	T25	30	6.40
TB0230T27	T27	30	6.60
TB0230T30	T30	30	6.60
TB0230T40	T40	30	7.40

5/16"			
Item No.	Size	L (mm)	Weight (g)
TB0830T20	T20	30	9.00
TB0830T25	T25	30	9.00
TB0830T27	T27	30	9.40
TB0830T30	T30	30	9.80
TB0830T40	T40	30	10.30
TB0830T45	T45	30	10.93
TB0830T50	T50	30	11.62
TB0830T55	T55	30	15.17
TB0830T60	T60	30	18.82
TB0830T70	T70	30	23.40

10mm			
Item No.	Size	L (mm)	Weight (g)
TB1030T20	T20	30	12.11
TB1030T25	T25	30	12.43
TB1030T27	T27	30	12.45
TB1030T30	T30	30	13.23
TB1030T40	T40	30	14.02
TB1030T45	T45	30	14.89
TB1030T50	T50	30	15.78
TB1030T55	T55	30	18.39
TB1075T20	T20	75	41.88
TB1075T25	T25	75	42.00
TB1075T27	T27	75	42.20
TB1075T30	T30	75	42.93
TB1075T40	T40	75	43.76
TB1075T45	T45	75	44.45
TB1075T50	T50	75	45.44
TB1075T55	T55	75	47.85
TB1075T60	T60	75	69.77

Item: Hex Bits

- Bit material: S2 or 6150
- Bits are anti-rust oiled
- Bits are available with different finish



6.35mm (1/4")			
Item No.	Size	L (mm)	Weight (g)
HB0225H2	H2	25	4.40
HB0225H25	H2.5	25	4.60
HB0225H3	H3	25	4.80
HB0225H4	H4	25	5.20
HB0225H5	H5	25	5.80
HB0225H6	H6	25	6.40
HB0230H25	H2.5	30	5.80
HB0230H3	H3	30	5.80
HB0230H4	H4	30	5.60
HB0230H5	H5	30	6.80
HB0230H6	H6	30	7.20

5/16"			
Item No.	Size	L (mm)	Weight (g)
HB0830H5	H5	30	9.60
HB0830H6	H6	30	10.60
HB0830H7	H7	30	11.40
HB0830H8	H8	30	12.41
HB0830H10	H10	30	16.43
HB0830H12	H12	30	21.34
HB0830H14	H14	30	27.37

10mm			
Item No.	Size	L (mm)	Weight (g)
HB1030H4	H4	30	12.61
HB1030H5	H5	30	13.30
HB1030H6	H6	30	14.27
HB1030H7	H7	30	15.54
HB1030H8	H8	30	16.79
HB1030H10	H10	30	19.67
HB1030H12	H12	30	24.66
HB1075H4	H4	75	40.82
HB1075H5	H5	75	41.84
HB1075H6	H6	75	44.53
HB1075H7	H7	75	44.20
HB1075H8	H8	75	45.73
HB1075H10	H10	75	49.90
HB1075H12	H12	75	66.52

Item: Quick Release Bit Holder-forward type

- The quick release bit holder is available with different length
- The quick release bit holder is used with 1/4" hex screwdriver bits, power bits and impact bits
- The quick release bit holder is with magnet
- Quick release design is forward type



Quick Release Bit Holder-forward type				
ITEM NO.	Ø D	L1 (mm)	L2 (mm)	Total Length (mm)
QRBH10450-F	10.4	16.8	15.0	50
QRBH10460-F	10.4	16.8	15.0	60
QRBH10475-F	10.4	16.8	15.0	75
QRBH104100-F	10.4	16.8	15.0	100
QRBH104150-F	10.4	16.8	15.0	150

Item: Quick Release Bit Holder-backward type

- The quick release bit holder is available with different length
- The quick release bit holder is used with 1/4" hex screwdriver bits, power bits and impact bits
- The quick release bit holder is with magnet
- Quick release design is backward type



Quick Release Bit Holder-backward type				
ITEM NO.	Ø D	L1 (mm)	L2 (mm)	Total Length (mm)
QRBH10460-B	10.4	17.0	14.0	60
QRBH10475-B	10.4	17.0	14.0	75
QRBH104100-B	10.4	17.0	14.0	100
QRBH104150-B	10.4	17.0	14.0	150

Item: Quick Release Bit Holder-one touch type

- The quick release bit holder is available with different length
- The quick release bit holder is used with 1/4" hex screwdriver bits, power bits and impact bits
- The quick release bit holder is with magnet
- Quick release design is one-touch type



Quick Release Bit Holder-one touch type				
ITEM NO.	Ø D	L1 (mm)	L2 (mm)	Total Length (mm)
QRBH1050-T	10.0	21.0	15.0	50
QRBH1060-T	10.0	21.0	15.0	60
QRBH1065-T	10.0	21.0	15.0	65
QRBH1075-T	10.0	21.0	15.0	75
QRBH10100-T	10.0	21.0	15.0	100
QRBH10150-T	10.0	21.0	15.0	150



Item: Magnetic Bit Holder

- The magnetic bit holder is available with different length
- The magnetic bit holder is used with 1/4" hex screwdriver bits, power bits and impact bits
- The bit holder is with magnet
- Great to work with hard to reach screws with power drills and impact drivers



Magnetic Bit Holder		
ITEM NO.	Ø D	L (mm)
BH1050	10.0	50
BH1054	10.0	54
BH1060	10.0	60
BH1075	10.0	75
BH10100	10.0	100
BH10150	10.0	150
BH10200	10.0	200
BH10254	10.0	254



Manual Impact Driver Set

Item No.: MIDS020701 7pcs 1/4"Dr. Micro Manual Impact Driver Set

- Perfect to loosen or tighten the rusted or frozen screws and bolts without damaging them
- The manual impact driver is with forward and reverse function for tightening and loosening



3-1/4" Single End Power Bits 50mm(L) : PH: 1-2; SL: 5
3-1/4" Screw Extractor 50mm(L) : # 1 (suitable for 3/32"~5/32", 2.5mm~4mm) # 2 (suitable for 5/32"~7/32", 4mm~6mm) # 3 (suitable for 7/32"~9/32", 6mm~8mm)
1-1/4" Dr. Impact Driver
1-Plastic Box

Item No.: MIDS040601 6pcs 1/2" Dr. Manual Impact Driver Set

- Perfect to loosen or tighten the rusted or frozen screws and bolts without damaging them
- The manual impact driver is with forward and reverse function for tightening and loosening



4-5/16" Bits 36mm(L) : PH: 2-3; SL: 8-10
1-1/2" Dr. X 5/16" Bit Holder
1-1/2" Dr. Impact Driver
1-Blow Mold Box

Item No.: MIDS040801 8pcs 1/2"Dr. Manual Impact Driver Set

- Perfect to loosen or tighten the rusted or frozen screws and bolts without damaging them
- The manual impact driver is with forward and reverse function for tightening and loosening



4-5/16" Bits 36mm(L) : PH: 2-3; SL: 8-10
2-5/16" Screw Extractor : # 3 (suitable for 5/16"~7/16") # 4 (suitable for 7/16"~9/16")
1-1/2" Dr. X 5/16" Bit Holder
1-1/2" Dr. Impact Driver
1-Metal Case

Item No.: MIDS041201 12pcs 1/2"Dr. Manual Impact Driver Set

- Perfect to loosen or tighten the rusted or frozen screws and bolts without damaging them
- The manual impact driver is with forward and reverse function for tightening and loosening



4-5/16" Bits 36mm(L) : PH: 2-3; SL: 8-10
1-5/16" Bits 80mm(L) : PH: 2
5-5/16" Screw Extractor : # 1 (suitable for 1/8"~1/4") # 2 (suitable for 1/4"~5/16") # 3 (suitable for 5/16"~7/16") # 4 (suitable for 7/16"~9/16") # 5 (suitable for 9/16"~3/4")
1-1/2" Dr. X 5/16" Bit Holder
1-1/2" Dr. Impact Driver
1-Metal Case

Item No.: MIDS032001
20pcs 3/8"Dr. Manual Impact Driver Set

- Perfect to loosen or tighten the rusted or frozen screws and bolts without damaging them
- The manual impact driver is with forward and reverse function for tightening and loosening



18-5/16" Bits 36mm(L) : PH: 1-2-3-4; SL: 5-6-8-10; Hex: 4-5-6-8;
 Torx: T20-T25-T30-T40-T45-T50

1-3/8" Dr. X 5/16" Socket Adapter

1-3/8" Dr. Impact Driver

1-Metal Case

Item No.: SES05
5pcs Screw Extractor Set

- Screw extractors are designed to remove rusted or frozen screws and bolts
- Available with different accessories for manual impact drivers



5-5/16" Screw Extractor : # 1 (suitable for 1/8"~1/4", M3~M6)
 # 2 (suitable for 1/4"~5/16", M6~M8)
 # 3 (suitable for 5/16"~7/16", M8~M11)
 # 4 (suitable for 7/16"~9/16", M11~M14)
 # 5 (suitable for 9/16"~3/4", M14~M19)

EDING CO., LTD
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Spanners and Wrenches

Item: Double Open End Spanner

- Double open spanner is available in Matt Finished/ Mirror Finished
- Double open spanner is available in Sunk Panel/ Flat Panel
- Double open spanners is available with various sizes



Item No.	Size	Length (mm)
DOW0607	6x7 (1/4"x5/16")	123
DOW0608	6x8	123
DOW0809	8x9 (5/16"x3/8")	140
DOW0810	8x10	140
DOW1011	10x11 (3/8"x7/16")	156
DOW1012	10x12	156
DOW1113	11x13 (7/16"x1/2")	172
DOW1213	12x13	172
DOW1214	12x14 (1/2"x9/16")	180
DOW1314	13x14	180
DOW1415	14x15 (9/16"x5/8")	190
DOW1417	14x17	195
DOW1617	16x17 (5/8"x11/16")	204
DOW1719	17x19 (11/16"x3/4")	221
DOW1819	18x19	221
DOW1921	19x21 (13/16"x7/8")	237
DOW1922	19x22	237
DOW2022	20x22	237
DOW2123	21x23 (7/8"x15/16")	247
DOW2224	22x24	247
DOW2427	24x27 (15/16"x1")	263
DOW2528	25x28 (1"x1-1/8")	279
DOW3032	30x32 (1-1/16"x1-1/4")	298

Item: Double Flexible Socket Spanners

- Available in Matt Finished/ Mirror Finished
- Available in Sunk Panel/ Flat Panel
- 180° Flexible Socket



Item No.	Size	Length (mm)
DFSW0607	6x7	185
DFSW0809	8x9	185
DFSW0810	8x10	185
DFSW1011	10x11	200
DFSW1012	10x12	205
DFSW1113	11x13	205
DFSW1213	12x13	220
DFSW1214	12x14	223
DFSW1415	14x15	238
DFSW1417	14x17	245
DFSW1617	16x17	257
DFSW1719	17x19	260
DFSW1819	18x19	270
DFSW2022	20x22	305
DFSW2123	21x23	305

Item: Flexible Socket Combination Spanners

- Available in Matt Finished/ Mirror Finished
- Available in Sunk Panel/ Flat Panel
- 180° Flexible Socket



Item No.	Size	Length (mm)
FSW08	8	166
FSW09	9	166
FSW10	10	184
FSW11	11	184
FSW12	12	206
FSW13	13	206
FSW14	14	223
FSW15	15	223
FSW16	16	242
FSW17	17	242
FSW18	18	255
FSW19	19	255

Item: Double Ring Spanner 45° Offset

- Double ring spanner is available in Matt Finished/ Mirror Finished
- Double ring spanner is available in Sunk Panel/ Flat Panel



Item No.	Size	Length (mm)
DRW0607-45	6x7 (1/4"x5/16")	165
DRW0809-45	8x9	175
DRW0810-45	8x10 (5/16"x3/8")	185
DRW0911-45	9x11	195
DRW1011-45	10x11 (3/8"x7/16")	195
DRW1012-45	10x12	195
DRW1113-45	11x13 (7/16"x1/2")	205
DRW1213-45	12x13	205
DRW1214-45	12x14 (1/2"x9/16")	220
DRW1314-45	13x14	220
DRW1415-45	14x15 (9/16"x5/8")	230
DRW1417-45	14x17	235
DRW1516-45	15x16	240
DRW1617-45	16x17 (5/8"x11/16")	240
DRW1719-45	17x19 (11/16"x3/4")	250
DRW1819-45	18x19	250
DRW1921-45	19x21 (3/4"x13/16")	270
DRW1922-45	19x22	270
DRW2022-45	20x22	270
DRW2122-45	21x22 (3/4"x7/8")	290
DRW2123-45	21x23 (13/16"x7/8")	290
DRW2224-45	22x24 (7/8"x15/16")	320
DRW2326-45	23x26 (15/16"x1")	360
DRW2426-45	24x26	360
DRW2427-45	24x27	360
DRW2528-45	25x28 (1"x1-1/16")	370
DRW2732-45	27x32	395
DRW3032-45	30x32 (1-1/8"-1-1/4")	395

Item: Double Ring Spanner 75° Offset

- Double ring spanner is available in Matt Finished/ Mirror Finished
- Double ring spanner is available in Sunk Panel/ Flat Panel



Item No.	Size	Length (mm)
DRW0607-75	6x7 (1/4"x5/16")	168
DRW0809-75	8x9 (5/16"x3/8")	183
DRW0810-75	8x10	183
DRW1011-75	10x11 (3/8"x7/16")	198
DRW1012-75	10x12	198
DRW1113-75	11x13 (7/16"x1/2")	218
DRW1213-75	12x13	218
DRW1214-75	12x14 (1/2"x9/16")	218
DRW1415-75	14x15 (9/16"x5/8")	240
DRW1417-75	14x17	260
DRW1617-75	16x17 (5/8"x11/16")	260
DRW1719-75	17x19 (11/16"x3/4")	292
DRW1819-75	18x19	292
DRW1921-75	19x21 (3/4"x7/8")	318
DRW1922-75	19x22 (13/16"x7/8")	318
DRW2022-75	20x22	318
DRW2123-75	21x23 (7/8"x15/16")	330
DRW2224-75	22x24	330
DRW2326-75	23x26 (15/16"x1")	346
DRW2426-75	24x26 (15/16"x1-1/16")	346
DRW2427-75	24x27	346
DRW2528-75	25x28 (1"x1-1/8")	356
DRW2732-75	27x32	366
DRW3032-75	30x32 (1-1/8"x1-1/4")	372

Item: Single 45° Combination Spanners

- Combination spanner is available in Matt Finished/ Mirror Finished
- Combination spanner is available in Sunk Panel/ Flat Panel
- Combination spanner is available with various sizes
- Combination spanner is used to apply torque to turn objects.



Item No.	Size	Length (mm)
CW06-45	6mm (1/4")	115
CW07-45	7mm	115
CW08-45	8mm (5/16")	125
CW09-45	9mm	130
CW10-45	10mm (3/8")	135
CW11-45	11mm (7/16")	145
CW12-45	12mm	155
CW13-45	13mm (1/2")	165
CW14-45	14mm (9/16")	175
CW15-45	15mm	195
CW16-45	16mm (5/8")	195
CW17-45	17mm (11/16")	215
CW18-45	18mm	215
CW19-45	19mm (3/4")	235
CW20-45	20mm	235
CW21-45	21mm (13/16")	255
CW22-45	22mm (7/8")	270
CW23-45	23mm	270
CW24-45	24mm (15/16")	285
CW25-45	25mm (1")	300
CW26-45	26mm	300
CW27-45	27mm (1-1/16")	320
CW28-45	28mm	320
CW29-45	29mm	340
CW30-45	30mm (1-1/8")	340
CW31-45	31mm	365
CW32-45	32mm (1-1/4")	365

Item: Single 75° Combination Spanners

- Combination spanner is available in Matt Finished/ Mirror Finished
- Combination spanner is available in Sunk Panel/ Flat Panel
- Combination spanner is available with various sizes
- Combination spanner is used to apply torque to turn objects.



Item No.	Size	Length (mm)
CW06-75	6mm	125
CW07-75	7mm	125
CW08-75	8mm	135
CW09-75	9mm	145
CW10-75	10mm	155
CW11-75	11mm	165
CW12-75	12mm	175
CW13-75	13mm	185
CW14-75	14mm	195
CW15-75	15mm	205
CW16-75	16mm	215
CW17-75	17mm	225
CW18-75	18mm	235
CW19-75	19mm	250
CW20-75	20mm	265
CW21-75	21mm	265
CW22-75	22mm	280
CW23-75	23mm	300
CW24-75	24mm	300

Item: Combination Spanner-European Type

- Combination spanner is available in USA/ European type, sunk panel/ flat panel
- Combination spanner is available in mirror/ mat finish
- Combination spanner is used to apply torque to turn objects.
- Combination spanner is available with various sizes.



Item No.	Size	Length (mm)
CW06	6mm (1/4")	105
CW07	7mm	115
CW08	8mm (5/16")	125
CW09	9mm	135
CW10	10mm (3/8")	145
CW11	11mm (7/16")	155
CW12	12mm	165
CW13	13mm (1/2")	175
CW14	14mm (9/16")	185
CW15	15mm	195
CW16	16mm (5/8")	205
CW17	17mm (11/16")	215
CW18	18mm	225
CW19	19mm (3/4")	235
CW20	20mm	245
CW21	21mm (13/16")	255
CW22	22mm (7/8")	265
CW23	23mm	275
CW24	24mm (15/16")	285
CW25	25mm (1")	295
CW26	26mm	305
CW27	27mm (1-1/16")	315
CW28	28mm	325
CW29	29mm	335
CW30	30mm (1-1/8")	345
CW31	31mm	365
CW32	32mm (1-1/4")	365
CW33	33mm (1-5/16")	380
CW34	34mm	380
CW35	35mm (1-3/8")	410
CW36	36mm (1-7/16")	410
CW38	38mm (1-1/2")	430
CW41	41mm (1-5/8")	460
CW42	42mm	460
CW43	43mm (1-11/16")	460
CW45	45mm (1-3/4")	500
CW46	46mm (1-13/16")	500
CW47	47mm	500
CW48	48mm (1-7/8")	540
CW49	49mm (1-15/16")	540
CW50	50mm (2")	540

Item: Half-Moon Ring Spanners

- Available in Matt Finished/ Mirror Finished
- Flat Panel



Item No.	Size	Length (mm)
HMW0810	8x10	137
HMW1012	10x12	141
HMW1214	12x14	166
HMW1113	11x13	166
HMW1315	13x15	190
HMW1417	14x17	190
HMW1618	16x18	220
HMW1719	17x19	220
HMW1922	19x22	256

Item: Gear Wrenches (Ratchet Wrenches)

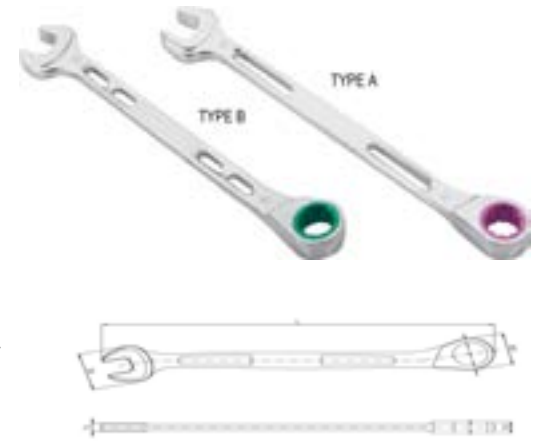
- Gear wrench is made in Taiwan
- Gear wrench is available with various sizes and designs
- Gear wrench is designed and used to meet Taiwan top industrial quality
- All comply with ANSI/ DIN standard



Item No.	Size	D (mm)	T1 (mm)	W (mm)	T2 (mm)	S (mm)	T3 (mm)	L (mm)	Weight (kg)
GW055-1	5.5	16.8	6.4	16.7	4.4	7.8	3.3	140	0.03
GW06-1	6 (1/4")	16.8	6.4	16.7	4.4	7.8	3.3	140	0.03
GW07-1	7	16.8	6.4	16.7	4.4	7.8	3.3	140	0.03
GW08-1	8 (5/16")	16.8	6.4	16.7	4.4	7.8	3.3	140	0.03
GW09-1	9	18.8	6.7	19.2	4.7	8.6	3.4	150	0.04
GW10-1	10 (3/8")	20.4	7.0	20.9	5.2	9.4	3.7	160	0.05
GW11-1	11 (7/16")	22.4	7.3	24.0	5.6	10.3	4.1	165	0.06
GW12-1	12	23.5	7.6	26.2	5.8	11.1	4.3	170	0.07
GW13-1	13 (1/2")	25.2	8.1	27.6	6.2	12.1	4.4	178	0.09
GW14-1	14 (9/16")	27.4	8.5	30.6	6.6	12.7	4.7	190	0.10
GW15-1	15	28.5	9.0	31.8	6.8	13.6	5.0	200	0.12
GW16-1	16 (5/8")	30.2	9.5	33.8	7.1	14.4	5.2	208	0.13
GW17-1	17 (11/16")	31.8	10.0	36.0	7.4	15.3	5.4	225	0.17
GW18-1	18	33.1	10.5	38.0	7.6	16.2	5.6	237	0.18
GW19-1	19 (3/4")	34.8	11.0	40.0	7.8	17.0	5.9	248	0.21
GW20-1	20	34.8	11.0	40.0	7.8	17.0	5.9	248	0.21
GW21-1	21 (7/8")	40.6	13.0	46.5	8.8	20	6.2	288	0.32
GW22-1	22 (13/16")	40.6	13.0	46.5	8.8	20	6.2	288	0.32
GW23-1	23	46.1	14.5	52.0	10.0	22.5	7.0	322	0.46
GW24-1	24 (15/16")	46.1	14.5	52.0	10.0	22.5	7.0	322	0.46
GW25-1	25 (1")	46.1	14.5	52.0	10.0	22.5	7.0	322	0.46
GW26-1	26	46.1	14.5	52.0	10.0	22.5	7.0	322	0.46
GW27-1	27 (1-1/16")	52.0	15.6	56.0	10.5	25.2	8.2	359	0.67
GW28-1	28	52.0	15.6	56.0	10.5	25.2	8.2	359	0.67
GW29-1	29 (1-1/8")	52.0	15.6	56.0	10.5	25.2	8.2	359	0.67
GW30-1	30	62.0	17.5	65.5	12.5	29.5	9.2	425	1.03
GW31-1	31	62.0	17.5	65.5	12.5	29.5	9.2	425	1.03
GW32-1	32 (1-1/4")	62.0	17.5	65.5	12.5	29.5	9.2	425	1.03
GW33-1	33	62.0	17.5	65.5	12.5	29.5	9.2	425	1.03
GW34-1	34	65.4	18.5	79.0	14.5	34.2	10.2	485	1.54
GW35-1	35	65.4	18.5	79.0	14.5	34.2	10.2	485	1.54
GW36-1	36	65.4	18.5	79.0	14.5	34.2	10.2	485	1.54
GW38-1	38	65.4	18.5	79.0	14.5	34.2	10.2	485	1.54

Item: Gear Wrenches-TYPE A & B

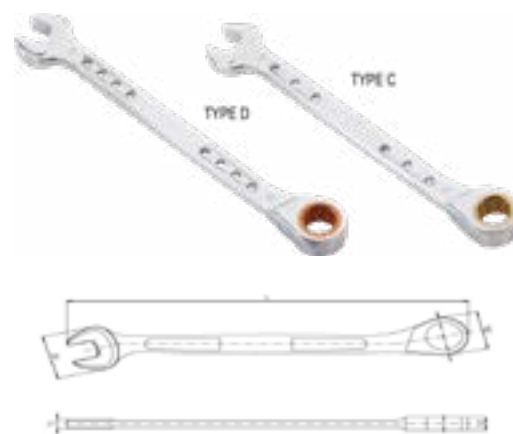
- Unique and light weight design with longer handle body for saving more strength
- Gear wrench is available with various sizes, gear ring colors and flexible gear wrench
- To have more swing arc by adjusting the angle of gear ring side
- All comply with ANSI/DIN standard



Item No.	Size (mm)	D1 (mm)	D2 (mm)	T1 (mm)	T2 (mm)	L (mm)
GW06-A / B	6	19.2	17.2	4.5	6.4	148
GW07-A / B	7	19.2	17.2	4.5	6.4	148
GW08-A / B	8	19.2	17.2	4.5	6.4	148
GW09-A / B	9	21.3	19.1	4.8	6.7	160
GW10-A / B	10	23.8	20.2	5.0	7.0	167
GW11-A / B	11	25.3	22.6	5.3	7.3	186
GW12-A / B	12	27.0	23.8	5.5	7.6	196
GW13-A / B	13	29.6	25.4	6.2	8.1	205
GW14-A / B	14	31.6	27.6	6.4	8.5	223
GW15-A / B	15	33.2	28.8	6.8	9.0	233
GW16-A / B	16	35.6	30.4	7.3	9.5	243
GW17-A / B	17	37.8	32.4	7.8	10.0	262
GW18-A / B	18	39.6	33.4	8.4	10.5	272
GW19-A / B	19	41.6	35.0	8.7	11.0	281
GW20-A / B	20	41.6	35.0	8.7	11.0	281
GW21-A / B	21	45.6	40.6	9.8	13.0	319
GW22-A / B	22	45.6	40.6	9.8	13.0	319
GW23-A / B	23	52.0	46.4	10.8	14.5	339
GW24-A / B	24	52.0	46.4	10.8	14.5	339
GW25-A / B	25	52.0	46.4	10.8	14.5	339
GW26-A / B	26	52.0	46.4	10.8	14.5	339

Item: Gear Wrenches-TYPE C & D

- Unique and light weight design with longer handle body for saving more strength
- Gear wrench is available with various sizes, gear ring colors and flexible gear wrench
- To have more swing arc by adjusting the angle of gear ring side
- All comply with ANSI/DIN standard



Item No.	Size (mm)	D1 (mm)	D2 (mm)	T1 (mm)	T2 (mm)	L (mm)
GW06-C / D	6	19.2	17.2	4.5	6.4	148
GW07-C / D	7	19.2	17.2	4.5	6.4	148
GW08-C / D	8	19.2	17.2	4.5	6.4	148
GW09-C / D	9	21.3	19.1	4.8	6.7	160
GW10-C / D	10	23.8	20.2	5.0	7.0	167
GW11-C / D	11	25.3	22.6	5.3	7.3	186
GW12-C / D	12	27.0	23.8	5.5	7.6	196
GW13-C / D	13	29.6	25.4	6.2	8.1	205
GW14-C / D	14	31.6	27.6	6.4	8.5	223
GW15-C / D	15	33.2	28.8	6.8	9.0	233
GW16-C / D	16	35.6	30.4	7.3	9.5	243
GW17-C / D	17	37.8	32.4	7.8	10.0	262
GW18-C / D	18	39.6	33.4	8.4	10.5	272
GW19-C / D	19	41.6	35.0	8.7	11.0	281
GW20-C / D	20	41.6	35.0	8.7	11.0	281
GW21-C / D	21	45.6	40.6	9.8	13.0	319
GW22-C / D	22	45.6	40.6	9.8	13.0	319
GW23-C / D	23	52.0	46.4	10.8	14.5	339
GW24-C / D	24	52.0	46.4	10.8	14.5	339
GW25-C / D	25	52.0	46.4	10.8	14.5	339
GW26-C / D	26	52.0	46.4	10.8	14.5	339

Item: Double Gear Wrenches

- Gear wrench is made in Taiwan
- Gear wrench is designed and used to meet Taiwan top industrial quality
- Gear wrench is available with various sizes and designs
- All comply with ANSI/ DIN standard



Item No.	Size (mm)	D1 (mm)	D2 (mm)	T1 (mm)	T2 (mm)	L (mm)
DGW05506	5.5 x 6	17.1	20.7	6.4	6.4	130
DGW05507	5.5 x 7	17.1	20.7	6.4	6.4	130
DGW0607	6 X 7	17.1	20.7	6.4	6.4	130
DGW0608	6 X 8 (1/4" X 5/16")	17.1	20.7	6.4	6.4	130
DGW0809	8 X 9	17.1	20.7	6.4	6.7	130
DGW0810	8 X 10 (5/16" X 3/8")	17.1	20.7	6.4	7.0	130
DGW0910	9 X 10	20.7	23.5	6.7	7.0	150
DGW0911	9 X 11 (5/16" X 7/16")	20.7	23.5	6.7	7.3	150
DGW1011	10 X 11 (3/8" X 7/16")	20.7	23.5	7.0	7.3	150
DGW1012	10 X 12	20.7	23.5	7.0	7.6	150
DGW1013	10 X 13 (3/8" X 1/2")	20.7	23.5	7.0	8.1	150
DGW1112	11 X 12	20.7	23.5	7.3	7.6	150
DGW1113	11 X 13 (7/16" X 1/2")	23.5	26.8	7.3	8.1	170
DGW1213	12 X 13	23.5	26.8	7.6	8.1	170
DGW1214	12 X 14	23.5	26.8	7.6	8.5	170
DGW1314	13 X 14 (1/2" X 9/16")	26.8	28.8	8.1	8.5	190
DGW1315	13 X 15	26.8	28.8	8.1	9.0	190
DGW1317	13 X 17 (1/2" X 11/16")	26.8	28.8	8.1	10.0	190
DGW1415	14 X 15	26.8	28.8	8.5	9.0	190
DGW1416	14 X 16 (9/16" X 5/8")	26.8	28.8	8.5	9.5	190
DGW1417	14 X 17 (9/16" X 11/16")	26.8	28.8	8.5	10.0	190
DGW1618	16 X 18 (5/8" X 3/4")	30.6	34.4	9.5	10.5	210
DGW1719	17 X 19 (11/16" X 3/4")	33.7	34.6	10.0	11.0	230
DGW2123	21 X 23 (7/8" X 15/16")	41.6	48.1	13.0	14.5	290
DGW2224	22 X 24 (13/16" X 1")	41.6	48.1	13.0	14.5	290

Item: Flexible Gear Wrenches

- Gear wrench is made in Taiwan
- Gear wrench is designed and used to meet Taiwan top industrial quality
- Gear wrench is available with various sizes and designs
- All comply with ANSI/ DIN standard



Item No.	Size	D1 (mm)	D2 (mm)	T1 (mm)	T2 (mm)	L (mm)
FGW055-1	5.5	16.2	18.2	4.4	6.4	140
FGW06-1	6 (1/4")	16.2	18.2	4.4	6.4	140
FGW07-1	7	16.2	18.2	4.4	6.4	140
FGW08-1	8 (5/16")	16.2	18.2	4.4	6.4	140
FGW09-1	9	18.3	18.2	4.6	6.7	150
FGW10-1	10 (3/8")	20.3	21.7	5.2	7.0	160
FGW11-1	11 (7/16")	22.4	21.7	5.6	7.3	165
FGW12-1	12	24.5	24.8	5.8	7.6	170
FGW13-1	13 (1/2")	26.6	24.8	6.6	8.1	178
FGW14-1	14 (9/16")	28.7	28.1	6.8	8.5	190
FGW15-1	15	30.6	28.1	7.3	9.0	200
FGW16-1	16 (5/8")	32.8	31.0	7.6	9.5	208
FGW17-1	17 (11/16")	34.8	31.0	8.1	10.0	225
FGW18-1	18	36.9	33.9	8.5	10.5	237
FGW19-1	19 (3/4")	39.2	33.9	9.0	11.0	248
FGW20-1	20	39.2	33.9	9.0	11.0	248
FGW21-1	21 (7/8")	46.5	38.8	9.5	13.0	288
FGW22-1	22 (13/16")	46.5	38.8	9.5	13.0	288
FGW23-1	23	51.9	45.2	10.5	14.5	322
FGW24-1	24 (15/16")	51.9	45.2	10.5	14.5	322
FGW25-1	25 (1")	51.9	45.2	10.5	14.5	322
FGW26-1	26	51.9	45.2	10.5	14.5	322

Item: 4-IN-1 Reversible Gear Wrenches

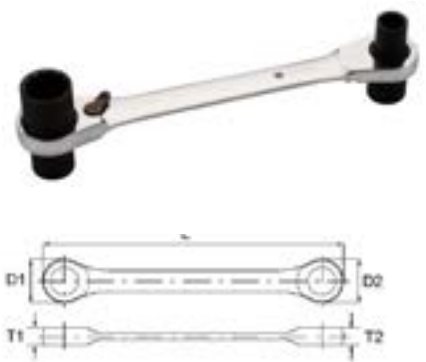
- Gear wrench is made in Taiwan
- Gear wrench is designed and used to meet Taiwan top industrial quality
- Gear wrench is available with various sizes and designs
- All comply with ANSI/ DIN standard



Item No.	Size (mm)	D1 (mm)	D2 (mm)	T1 (mm)	T2 (mm)	L (mm)
RGW08100911	8 X 10-9 X 11	23.5	26.8	14.3	14.3	170
RGW08101213	8 X 10-12 X 13	23.5	26.8	14.3	15.1	170
RGW08101214	8 X 10-12 X 14	23.5	26.8	14.3	15.1	170
RGW10121315	10 X 12-13 X 15	26.8	28.8	15.1	16.0	190
RGW12141315	12 X 14-13 X 15	26.8	28.8	15.1	16.0	190
RGW10121417	10 X 12-14 X 17	26.8	28.8	15.1	17.0	190
RGW10131417	10 X 13-14 X 17	26.8	28.8	15.1	17.0	190
RGW12131417	12 X 13-14 X 17	26.8	28.8	15.1	17.0	190
RGW10131719	10 X 13-17 X 19	28.8	34.6	15.1	18.0	230
RGW12131719	12 X 13-17 X 19	28.8	34.6	15.1	18.0	230
RGW12141719	12 X 14-17 X 19	28.8	34.6	15.1	18.0	230
RGW13151719	13 X 15-17 X 19	28.8	34.6	16.0	18.0	230
RGW16181719	16 X 18-17 X 19	33.7	34.6	17.0	18.0	230

Item: 4-IN-1 Reversible L Gear Wrenches

- Gear wrench is made in Taiwan
- Gear wrench is designed and used to meet Taiwan top industrial quality
- Gear wrench is available with various sizes and designs
- All comply with ANSI/ DIN standard



Item No.	Size (mm)	D1 (mm)	D2 (mm)	T1 (mm)	T2 (mm)	L (mm)
RGW08101213-L	8 X 10-12 X 13	23.5	26.8	32.3	44.1	170
RGW08101214 -L	8 X 10-12 X 14	23.5	26.8	32.3	44.1	170
RGW10131417-L	10 X 13-14 X 17	26.8	26.8	44.1	48.0	190
RGW12131417-L	12 X 13-14 X 17	26.8	28.8	44.1	48.0	190
RGW10131719-L	10 X 13-17 X 19	28.8	34.6	44.1	52.0	230
RGW12131719-L	12 X 13-17 X 19	28.8	34.6	44.1	52.0	230
RGW12141719-L	12 X 14-17 X 19	28.8	34.6	44.1	52.0	230
RGW16181719-L	16 X 18-17 X 19	33.7	34.6	51.0	52.0	230

Item: Twisted Gear Wrenches

- Gear wrench is available with various sizes and gear ring colors
- Unique design on the open-end side to bring more comfort and torque during usage
- All comply with ANSI/DIN standard



Item No.	Size (mm)	D1 (mm)	D2 (mm)	T1 (mm)	T2 (mm)	L (mm)
TGW055	5.5 (7/32")	16.9	17.1	4.9	6.4	140
TGW06	6 (1/4")	16.8	17.1	4.9	6.4	140
TGW07	7	16.9	17.1	4.9	6.4	140
TGW08	8 (5/16")	16.9	17.1	4.9	6.4	140
TGW09	9 (11/32")	19.7	19.1	5.0	6.7	149
TGW10	10 (3/8")	21.1	20.3	5.0	7.0	159
TGW11	11 (7/16")	24.0	22.5	5.3	7.3	165
TGW12	12	26.5	23.5	5.6	7.6	171
TGW13	13 (1/2")	27.7	25.3	5.9	8.1	178
TGW14	14 (9/16")	30.7	27.5	6.3	8.5	190
TGW15	15	32.0	28.8	6.7	9.0	199
TGW16	16 (5/8")	34.0	30.3	6.6	9.5	208
TGW17	17 (11/16")	36.2	32.2	7.0	10.0	225
TGW18	18	38.2	33.3	7.7	10.5	236
TGW19	19 (3/4")	40.4	35.0	8.3	11.0	248
TGW20	20	40.4	35.0	8.3	11.0	248
TGW21	21 (13/16")	45.7	40.7	9.4	13.0	288
TGW22	22 (7/8")	45.7	40.7	9.4	13.0	288
TGW23	23	52.0	46.2	10.5	14.5	321
TGW24	24 (15/16")	52.0	46.2	10.5	14.5	321
TGW25	25 (1")	52.0	46.2	10.5	14.5	321
TGW26	26	52.0	46.2	10.5	14.5	321

Item: Flexible Gear Ratchet-DT & BT

- Flexible 180 degree head and short body design are easily to access in the restricted space
- All comply with ANSI/DIN standard



Item No.	Size (mm)	D1 (mm)	D2 (mm)	T1 (mm)	T2 (mm)	L (mm)
FGR02DT	10 X 1/4" DT	4.8	18.4	17.8	17.0	99

Item No.	Size (mm)	D1 (mm)	D2 (mm)	T1 (mm)	T2 (mm)	L (mm)
FGR02BT	10 X 1/4" BT	4.8	18.4	17.8	16.5	99

Item: Reversible Flexible Gear Ratchet-DTBT

- Flexible 180 degree head and short body design are easily to access in the restricted space
- One tool for both 1/4" drive sockets and bits
- All comply with ANSI/DIN standard



Item No.	Size (mm)	D1 (mm)	D2 (mm)	T1 (mm)	T2 (mm)	L (mm)
RFGR02DTBT	1/4" DT X 1/4" BT	17.8	17.8	16.5	17.0	125

Item: Multi-Size Eagle Type Gear Ratchet

- Unique design and only need 2 wrenches can fit all types of bolts
- Various options for the ratchet side such as for 3/8" (1/2") drive, 2 in 1 ratchet and etc.
- All comply with ANSI/DIN standard



Item No.	Size (mm)	D1 (mm)	D2 (mm)	T1 (mm)	T2 (mm)	L (mm)
MEGR03DT	3/8" DT	17.0	20.7	6.4	7.3	130

TO FIT ALL TYPE OF BOLT

Type	Spline	6 point	12 point	Star	Square
MER03	PT 8~17	8mm~17mm (5/16"~11/16")	PT 8~17	E8~E16	8mm~17mm

Item No.	Size (mm)	D1 (mm)	D2 (mm)	T1 (mm)	T2 (mm)	L (mm)
MEGR04DT	1/2" DT	22.4	22.5	5.4	17.3	160

TO FIT ALL TYPE OF BOLT

Type	Spline	6 point	12 point	Star	Square
MER04	PT 14~32	14mm~32mm (9/16"~1-1/4")	PT 14~32	E14~E24	14mm~32mm

Item No.: FGWS14

14pcs Flexible Gear Wrench Set

- Gear wrench is made in Taiwan
- Available in different set
- Various sizes all in 1 set



12pcs Flexible Pocket Gear Wrench-8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

1pc Flexible Adaptor Handle

1pc Double Head Joint



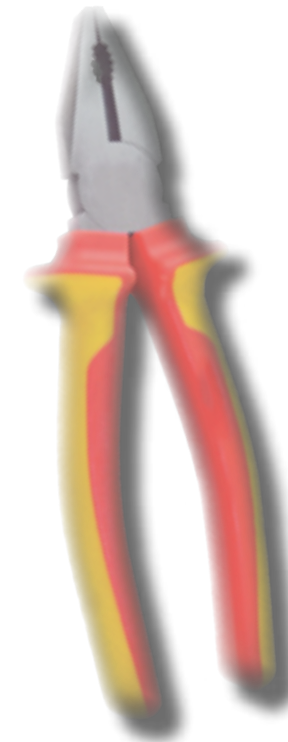
Item No.: GWS07

7pcs One Way Gear Wrench Set (Ratchet Wrenches)

- The set is available with different sizes and types
- Gear wrench is designed and used to meet Taiwan top industrial quality
- All comply with ANSI/DIN standard
- Gear ring color is available in different colors



7pcs One Way Gear Wrench-10, 12, 13, 14, 15, 17, 19mm



Industrial Pliers and Locking Pliers

Item: Oil Filter Grip Locking Pliers

- Oil filter grip locking pliers are suitable for installing, removing and tightening objects of any shapes
- Jaw opening from 1-4/5" to 5-1/9" (45~130mm) which can cover most of vehicles (from small cars to trucks)
- With 23 degree bent angle, the bent jaws are ideal for a limit space
- High-grade heat-treated alloy steel provide max. toughness and durability



Item No.	L (mm)	Bent Angle	Weight (g)	Type
OFP11E	280mm (11")	0	620	European
OFP1101E	280mm (11")	23°	620	
OFP11U	280mm (11")	0	620	USA
OFP1101U	280mm (11")	23°	620	



Item: Long Nose Locking Pliers

- Long nose locking pliers provides easy access in narrow, confined and hard-to-reach places with convenient wire cutter
- Good choices for tightening, clamping, twisting and turning
- Our long nose locking pliers are easily to change jaw opening and hold object in proper alignment and stay adjusted for repetitive use



Item No.	L (mm)	Jaw Adjustment	Weight (g)	Type
LNLP06E	170mm (6")	0-47mm	185	European
LNLP09E	215mm (9")	0-63mm	365	
LNLP06U	170mm (6")	0-47mm	185	USA
LNLP09U	215mm (9")	0-63mm	365	



Item: Curve Jaw Locking Pliers

- Curve jaw provides excellent pressure of any style nut or bolt head with convenient wire cutter
- Good choices for tightening, clamping, twisting and turning
- Guarded release trigger unlocks quickly and protects from accidental release
- High-grade heat-treated alloy steel provide max. toughness and durability



Item No.	L (mm)	Jaw Adjustment	Weight (g)	Type
CJP05E	140mm (5")	0-33mm	175	European
CJP07E	185mm (7")	0-43mm	340	
CJP10E	225mm (10")	0-55mm	515	
CJP05U	140mm (5")	0-33mm	175	USA
CJP07U	185mm (7")	0-43mm	340	
CJP10U	225mm (10")	0-55mm	515	



Item: Straight Jaw Locking Pliers

- Straight jaw locking pliers provides max. contact on flat, square or hex parts
- Good choices for tightening, clamping, twisting and turning
- Guarded release trigger unlocks quickly and protects from accidental release
- High-grade heat-treated alloy steel provide max. toughness and durability



Item No.	L (mm)	Jaw Adjustment	Weight (g)	Type
SJP07E	190mm (7")	0-30mm	365	European
SJP10E	230mm (10")	0-48mm	540	
SJP07U	190mm (7")	0-30mm	365	USA
SJP10U	230mm (10")	0-48mm	540	

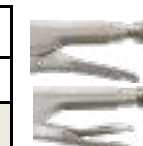


Item: Chain Locking Clamp

- Good for awkward shape objects and oil filter applications
- Chain can hold and lock around any shape or size
- High-grade heat-treated alloy steel provide max. toughness and durability



Item No.	φMax.	Chain Length	Weight (g)	Type
CLPE	130	460mm	730	European
CLPU	130	460mm	730	USA



Item: Cable Cutter

- Available in different handles
- Available in Heavy Duty or with Spring
- Available in VDE pliers

Item No.	L (mm)	mm ²	φmm	Weight (g)
CC0601	160mm (6")	22.0	9.5	240
CC0801	200mm (8")	38.0	11.5	360



Item: Flat Nose Pliers

- Available in different handles
- Available in VDE pliers

Item No.	L (mm)	Weight (g)
FN0601	160mm (6")	185



Item: Round Nose Pliers

- Available in different handles
- Available in VDE pliers

Item No.	L (mm)	Weight (g)
RN0601	160mm (6")	160



Item: Water Pump Pliers (Box Joint)

- Available in different handles
- Available in VDE pliers
- Available in Slip Joint or Groove Joint

Item No.	L (mm)	Jaw	Weight (g)
WP0701	180mm (7")	0~30	220
WP0901	240mm (9")	0~36	380
WP1201	300mm (12")	0~46	600



Item: Combination Pliers-European Type

- Available in different handles
- Available in VDE pliers

Item No.	L (mm)	○ (mm)	⊙ (mm)	◉ (mm)	● (mm)	Weight (g)
CP0501	130mm (5")	3.0	2.5	1.6	1.2	150
CP0601	160mm (6")	4.0	2.8	1.8	1.4	240
CP0701	180mm (7")	4.0	3.0	2.0	1.6	290
CP0801	200mm (8")	4.0	3.0	2.0	1.6	410



Details of cutting results of cutting pliers:

Symbol	Type of Wire	Example	Tensile strength ca. N/mm2
○	soft wire	copper, aluminum	220-250
⊙	medium hard wire	iron wire	750-800
◉	hard wire	steel wire	1700-1800
●	piano wire	hardened spring steel	2200-2300

Item: Combination Pliers-High Leverage

- Available in different handles
- Available in VDE pliers

Item No.	L (mm)	○ (mm)	⊙ (mm)	◉ (mm)	● (mm)	Weight (g)
CP0601HL	160mm (6")	4.0	2.8	1.8	1.4	230
CP0701HL	180mm (7")	4.0	2.8	1.8	1.6	290
CP0801HL	200mm (8")	5.0	3.5	2.4	2.0	380
CP0901HL	225mm (9")	6.0	4.0	2.8	2.4	430



Details of cutting results of cutting pliers:

Symbol	Type of Wire	Example	Tensile strength ca. N/mm2
○	soft wire	copper, aluminum	220-250
⊙	medium hard wire	iron wire	750-800
◉	hard wire	steel wire	1700-1800
●	piano wire	hardened spring steel	2200-2300

Item: Long Nose Pliers

- Available in different handles
- Available in VDE pliers



Item No.	L (mm)	○ (mm)	⊙ (mm)	⊗ (mm)	● (mm)	Weight (g)
LN5501	140mm (5.5")	3.0	2.5	1.6	1.2	160
LN0601	160mm (6")	4.0	2.8	1.8	1.4	170
LN0801	200mm (8")	4.0	3.0	2.0	1.6	250

Details of cutting results of cutting pliers:

Symbol	Type of Wire	Example	Tensile strength ca. N/mm2
○	soft wire	copper, aluminum	220-250
⊙	medium hard wire	iron wire	750-800
⊗	hard wire	steel wire	1700-1800
●	piano wire	hardened spring steel	2200-2300

Item: Long Nose Pliers-High Leverage

- Available in different handles
- Available in VDE pliers



Item No.	L (mm)	○ (mm)	⊙ (mm)	⊗ (mm)	● (mm)	Weight (g)
LN0601HL	160mm (6")	4.0	2.8	1.8	1.4	170
LN0801HL	200mm (8")	4.0	3.0	2.0	1.6	250

Details of cutting results of cutting pliers:

Symbol	Type of Wire	Example	Tensile strength ca. N/mm2
○	soft wire	copper, aluminum	220-250
⊙	medium hard wire	iron wire	750-800
⊗	hard wire	steel wire	1700-1800
●	piano wire	hardened spring steel	2200-2300

Item: Bent Nose Pliers

- Available in different handles
- Available in VDE pliers



Item No.	L (mm)	○ (mm)	⊙ (mm)	⊗ (mm)	● (mm)	Weight (g)
BN5501	140mm (5.5")	3.0	2.5	1.6	1.2	160
BN0601	160mm (6")	4.0	2.8	1.8	1.4	170
BN0801	200mm (8")	4.0	3.0	2.0	1.6	250

Details of cutting results of cutting pliers:

Symbol	Type of Wire	Example	Tensile strength ca. N/mm2
○	soft wire	copper, aluminum	220-250
⊙	medium hard wire	iron wire	750-800
⊗	hard wire	steel wire	1700-1800
●	piano wire	hardened spring steel	2200-2300

Item: Bent Nose Pliers-High Leverage

- Available in different handles
- Available in VDE pliers



Item No.	L (mm)	○ (mm)	⊙ (mm)	⊗ (mm)	● (mm)	Weight (g)
BN0601HL	160mm (6")	4.0	2.8	1.8	1.4	170
BN0801HL	200mm (8")	4.0	3.0	2.0	1.6	250

Details of cutting results of cutting pliers:

Symbol	Type of Wire	Example	Tensile strength ca. N/mm2
○	soft wire	copper, aluminum	220-250
⊙	medium hard wire	iron wire	750-800
⊗	hard wire	steel wire	1700-1800
●	piano wire	hardened spring steel	2200-2300

Item: Diagonal Cutting Pliers

- Available in different handles
- Available in VDE pliers



Item No.	L (mm)	○ (mm)	⊙ (mm)	⊗ (mm)	● (mm)	Weight (g)
DC5501	140mm (5.5")	3.0	2.0	1.6	1.2	180
DC0601	160mm (6")	4.0	2.5	2.0	1.6	220
DC0701	180mm (7")	4.0	3.0	2.0	1.6	300

Details of cutting results of cutting pliers:

Symbol	Type of Wire	Example	Tensile strength ca. N/mm2
○	soft wire	copper, aluminum	220-250
⊙	medium hard wire	iron wire	750-800
⊗	hard wire	steel wire	1700-1800
●	piano wire	hardened spring steel	2200-2300

Item: Diagonal Cutting Pliers-High Leverage

- Available in different handles
- Available in VDE pliers



Item No.	L (mm)	○ (mm)	⊙ (mm)	⊗ (mm)	● (mm)	Weight (g)
DC0601HL	160mm (6")	4.0	3.0	2.0	1.6	230
DC0701HL	180mm (7")	4.0	3.0	2.0	1.6	300

Details of cutting results of cutting pliers:

Symbol	Type of Wire	Example	Tensile strength ca. N/mm2
○	soft wire	copper, aluminum	220-250
⊙	medium hard wire	iron wire	750-800
⊗	hard wire	steel wire	1700-1800
●	piano wire	hardened spring steel	2200-2300

Item: Diagonal Cutting Pliers-Heavy Duty

- Available in different handles
- Available in VDE pliers



Item No.	L (mm)	○ (mm)	⊙ (mm)	⊗ (mm)	● (mm)	Weight (g)
DC0601HD	160mm (6")	4.0	3.0	2.0	1.6	205
DC0701HD	180mm (7")	5.0	3.5	2.4	2.0	280
DC0801HD	200mm (8")	5.0	3.5	2.4	2.0	290

Details of cutting results of cutting pliers:

Symbol	Type of Wire	Example	Tensile strength ca. N/mm2
○	soft wire	copper, aluminum	220-250
⊙	medium hard wire	iron wire	750-800
⊗	hard wire	steel wire	1700-1800
●	piano wire	hardened spring steel	2200-2300

Item: Diagonal Cutting Pliers-High Leverage and Heavy Duty

- Available in different handles
- Available in VDE pliers



Item No.	L (mm)	○ (mm)	⊙ (mm)	⊗ (mm)	● (mm)	Weight (g)
DC0801HDHL	200mm (8")	5.0	3.5	2.4	2	290

Details of cutting results of cutting pliers:

Symbol	Type of Wire	Example	Tensile strength ca. N/mm2
○	soft wire	copper, aluminum	220-250
⊙	medium hard wire	iron wire	750-800
⊗	hard wire	steel wire	1700-1800
●	piano wire	hardened spring steel	2200-2300

Item: Diagonal Strippers

- Available in different handles
- Available in VDE pliers



Item No.	L (mm)	Stripping (mm ²)	Capacities (AWG)	Weight (g)
DS0601	160mm (6")	1.5+2.5	15+13	230

Item: Diagonal Strippers-High Leverage

- Available in different handles
- Available in VDE pliers



Item No.	L (mm)	Stripping (mm ²)	Capacities (AWG)	Weight (g)
DS0701HL	180mm (7")	1.5+2.5	15+13	300



Hand Riveters

Item No.: HR0001

Hand Riveters

- Hand riveter is 100% made in Taiwan and with our patented design
- Hand riveter can adjust riveting stroke easily
- Our designed hand riveter is easy to change sizes, without any tools
- Hand riveter is with ergonomic design and easy to use with ONE hand



For Size: 2.4mm-3.2mm-4.0mm-4.8mm



Knife Sharpeners

Item No.: KSM001

Knife Sharpener-Mouse type

- Easy to use, Sharpening in seconds
- Lightweight and easy to carry



Item No.: KSK001

Knife Sharpener-Kangaroo type

- Easy to use, Sharpening in seconds
- Lightweight and easy to carry



Item No.: KSP001

Knife Sharpener-Penguin type

- Easy to use, Sharpening in seconds
- Lightweight and easy to carry



Air Impact Wrenches

Item No.: PIA02T01

1/4" Mini Composite Air Impact Wrench

- Handle exhaust
- Mechanism: two hammer
- Lightweight and ergonomic housing design
- Unique switch design can be actuated by thumb and easy to operate with ONE hand



Square Drive	1/4"
Free Speed	13,000 RPM
Clutch Type	Two Hammer
Working Torque	30 ft-lb, 40 Nm
Max. Torque	50 ft-lb, 68 Nm
Air Consumption	3 CFM, 84 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Vibration Level	<2.5 m/s ²
Sound Pressure	85 dB(A)
Net Weight	0.65 kg (1.4 lb)
Overall Length	166mm (6.53")
Package	20pcs/ctn, 15.5kg/16.5kg, 1.2 cu'ft

Item No.: PIA03T01

3/8" Composite Air Impact Wrench

- The blade with spring mounted is to prevent dead-lock or power-less problem
- Twin hammer air impact wrench mechanism to perform best to torque output and special hardened-treatment to maintain best durability
- The air impact wrench is with composite handle to provide best power-to-weight ratio and prevent uncomfortable usage during temperature change
- The air impact wrench is with 3 different speed adjustment



Square Drive	3/8"
Free Speed	8000 RPM
Clutch Type	Twin Hammer
Working Torque	400 ft-lb, 542 Nm/5 s
Max. Torque	450 ft-lb, 610 Nm/15 s
Air Consumption	4.2 CFM, 120 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Net Weight	1.3 kg (2.8 lb)
Overall Length	160mm (6.29")
Package	10pcs/ctn, 14.3kg/15.3kg, 0.9 cu'ft

Item No.: PIB03E01

3/8" Air Impact Wrench

- Air impact wrench is one-handed switch design for forward and reverse
- Pneumatic impact wrench is light-weight, well-balance and efficient
- Air Impact wrench mechanism: embracing hammer
- This air impact wrench is also available in 1/2"



Square Drive	3/8"
Free Speed	9000 RPM
Clutch Type	Embracing Hammer
Max. Torque	180 ft-lb, 244 Nm
Air Consumption	7.06 CFM, 200 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Net Weight	0.99 kg (2.18 lb)
Overall Length	188mm (7.4")

Item No.: PIA04T01

1/2" Composite Air Impact Wrench

- This air impact wrench is handle exhaust
- Lightweight composite air impact wrench and resistant to shocks
- Pneumatic impact wrench integrate L/R and power output adjusting knob at back
- Anvil is available with 2" extension



Square Drive	1/2"
Free Speed	8500 RPM
Clutch Type	Twin Hammer
Working Torque	650 ft-lb, 881 Nm/5 s
Max. Torque	820 ft-lb, 1111 Nm/15 s
Air Consumption	4.6 CFM, 132 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	91.5 dB(A)
Vibration Level	8.1 m/s ²
Net Weight	2.1 kg (4.6 lb)
Overall Length	190mm (7.48")
Package	10pcs/ctn, 23.5kg/24.5kg, 1.6 cu'ft

Item No.: PIA04T01-2L

1/2" Composite Impact Wrench with 2" Extension

- The impact wrench is handle exhaust
- Forward: 3 positions, Reverse: 1 position
- The maximum loosening torque is 1360 ft-lbs (1844Nm)
- The impact wrench is with twin hammer mechanism to bring the best durability and torque output
- Great to use in the industrial site, construction, petrochemical, rail, shipbuilding, automobile repair and maintenance, heavy machinery and etc.



Square Drive	1/2"
Free Speed	8500 RPM
Clutch Type	Twin Hammer
Working Torque	650 ft-lb, 881 Nm/5 s
Max. Torque	820 ft-lb, 1111 Nm/15 s
Air Consumption	5.5 CFM, 158 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	91.5 dB(A)
Vibration Level	8.1 m/s ²
Net Weight	2.2 kg (4.8 lb)
Overall Length	241mm (9.45")
Package	10pcs/ctn, 23.5kg/24.5kg, 1.6 cu'ft

Item No.: PIA04T02

1/2" Aluminum Air Impact Wrench

- This air impact wrench is front exhaust
- Twin hammer air impact wrench mechanism to perform best to torque output and special hardened-treatment to maintain best durability
- Anvil is available with 2" extension



Square Drive	1/2"
Free Speed	8000 RPM
Clutch Type	Twin Hammer
Working Torque	500 ft-lb, 678 Nm/5 s
Max. Torque	550 ft-lb, 745 Nm/15 s
Air Consumption	5 CFM, 141 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	97.5 dB(A)
Vibration Level	6.8 m/s ²
Net Weight	2.6 kg (5.7 lb)
Overall Length	188mm (7.4")
Package	10pcs/ctn, 29.0kg/30.0kg, 1.6 cu'ft

Item No.: PIA04T02-2L

1/2" Aluminum Air Impact Wrench with 2" Extension

- The impact wrench is front exhaust
- With 5 different speed adjustment at forward direction and 1 full speed at reverse direction
- The impact wrench is with twin hammer mechanism to bring the best durability and powerful torque output
- Great to use in the industrial site, construction, petrochemical, rail, shipbuilding, heavy vehicle repair and maintenance, heavy machinery, tire lanes and fleet maintenance and etc.



Square Drive	1/2"
Free Speed	8000 RPM
Clutch Type	Twin Hammer
Working Torque	500 ft-lb, 678 Nm/5 s
Max. Torque	550 ft-lb, 745 Nm/15 s
Air Consumption	5 CFM, 141 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	97.5 dB(A)
Vibration Level	6.8 m/s ²
Net Weight	2.7 kg (5.9 lb)
Overall Length	239mm (9.4")
Package	10pcs/ctn, 30.0kg/31.0kg, 1.65 cu'ft

Item No.: PIA04T03
1/2" Aluminum Air Impact Wrench

- This impact wrench is handle exhaust
- Twin hammer air impact wrench mechanism to perform best to torque output and special hardened-treatment to maintain best durability
- The anvil is also available in 2" extended length



Square Drive	1/2"
Free Speed	8000 RPM
Clutch Type	Twin Hammer
Working Torque	500 ft-lb, 678 Nm/5 s
Max. Torque	550 ft-lb, 745 Nm/15 s
Air Consumption	5 CFM, 141 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	95.5 dB(A)
Vibration Level	6.8 m/s ²
Net Weight	2.6 kg (5.7 lb)
Overall Length	188mm (7.4")
Package	10pcs/ctn, 29.0kg/30.0kg, 1.6 cu'ft

Item No.: PIA04T03-2L
1/2" Aluminum Air Impact Wrench with 2" Extension

- The impact wrench is handle exhaust
- With 5 different speed adjustment at forward direction and 1 full speed at reverse direction
- Sensitive trigger for multi-speed control
- The impact wrench is with twin hammer mechanism to bring the best durability and powerful torque output
- Great to use in the industrial site, construction, petrochemical, rail, shipbuilding, heavy vehicle repair and maintenance, heavy machinery, tire lanes and fleet maintenance and etc.



Square Drive	1/2"
Free Speed	8000 RPM
Clutch Type	Twin Hammer
Working Torque	500 ft-lb, 678 Nm/5 s
Max. Torque	550 ft-lb, 745 Nm/15 s
Air Consumption	5 CFM, 141 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	97.5 dB(A)
Vibration Level	6.8 m/s ²
Net Weight	2.7 kg (5.9 lb)
Overall Length	239mm (9.4")
Package	10pcs/ctn, 30.0kg/31.0kg, 1.65 cu'ft

Item No.: PIA04T04
1/2" Mini Composite Air Impact Wrench

- The blade with spring mounted is to prevent dead-lock or power-less problem
- Twin hammer air impact wrench mechanism to perform best to torque output and special hardened-treatment to maintain best durability
- The air impact wrench is with composite handle to provide best power-to-weight ratio and prevent uncomfortable usage during temperature change
- The air impact wrench is with 3 different speed adjustment



Square Drive	1/2"
Free Speed	11000 RPM
Clutch Type	Twin Hammer
Working Torque	450 ft-lb, 610 Nm/5 s
Max. Torque	550 ft-lb, 745 Nm/15 s
Air Consumption	4.2 CFM, 120 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	89.5 dB(A)
Vibration Level	4.7 m/s ²
Net Weight	1.3 kg (2.8 lb)
Overall Length	160mm (6.29")
Package	10pcs/ctn, 14.7kg/15.7kg, 0.9 cu'ft

Item No.: PIA04T05

1/2" Stubby Composite Air Impact Wrench

- The blade with spring mounted is to prevent dead-lock or power-less problem
- Twin hammer air impact wrench mechanism to perform best to torque output and special hardened-treatment to maintain best durability
- The air impact wrench is with composite handle to provide best power-to-weight ratio and prevent uncomfortable usage during temperature change
- The air impact wrench is with 3 different speed adjustment



Square Drive	1/2"
Free Speed	10000 RPM
Clutch Type	Twin Hammer
Working Torque	350 ft-lb, 472 Nm/5 s
Max. Torque	450 ft-lb, 610 Nm/15 s
Air Consumption	4 CFM, 113 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	90.5 dB(A)
Vibration Level	3.7 m/s ²
Net Weight	1.25 kg (2.75 lb)
Overall Length	125mm (4.92")
Package	10pcs/ctn, 13.6kg/14.6kg, 0.9 cu'ft

Item No.: PIA04T06

1/2" Mini Air Impact Wrench

- Air impact wrench is 100% made in Taiwan
- Mini air impact wrench is suitable for motorcycle and automobile in compact space
- Powerful and durable air impact wrench
- Mechanism: twin hammer



Square Drive	1/2"
Free Speed	11000 RPM
Clutch Type	Twin Hammer
Max. Torque	400 ft-lb, 542 Nm
Air Consumption	7.06 CFM, 200 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Net Weight	1.42 kg (3.13 lb)
Overall Length	142 mm

Item No.: PIA04T09

1/2" Lightly Composite Air Impact Wrench

- This impact wrench is handle exhaust
- Blade with spring mounted to make sure the blades can be opened when working
- The Nut-Busting Torque could be reached to 1,200 ft-lb/ 1,620 Nm
- Cylinder is using material of FCD45 and has special heat treat, it has high wear resistance



Square Drive	1/2"
Bolt Capacity	M24
Free Speed	8500 RPM
Clutch Type	Twin Hammer
Working Torque	800 ft-lb, 1080 Nm/5 s
Max. Torque	950 ft-lb, 1283 Nm/10 s
Air Consumption	5.5 CFM, 158 L/min
Vibration	8.1m/s ²
Sound Pressure	91.5 dB(A)
Air Inlet	1/4"
Air Hose I.D.	3/8"
Net Weight	1.7 kg (3.75 lb)
Overall Length	179 mm (6.98")
Package	10pcs/ctn, 23.5kg/24.5kg, 1.6 cu'ft

Item No.: PIA04T10

1/2" Industrial Air Impact Wrench

- This impact wrench is handle exhaust
- The housing is die casting
- Low consumption and high torque output
- This impact wrench is good for industry, automobile and motorcycle



Square Drive	1/2"
Bolt Capacity	M25
Free Speed	9200 RPM
Clutch Type	Twin Hammer
Working Torque	620 ft-lb, 813 Nm/5 s
Max. Torque	720 ft-lb, 976 Nm/10 s
Air Consumption	4.7 CFM, 133 L/min
Vibration	4.3m/s ²
Air Inlet	1/4"
Air Hose I.D.	3/8"
Net Weight	2.4 kg (5.29 lb)
Overall Length	162 mm (6.32")
Package	10pcs/ctn, 24.4kg/28.1kg, 1.71 cu'ft

Item No.: PIA04T11

1/2" Extreme Composite Air Impact Wrench

- This impact wrench is handle exhaust
- The blade with spring mounted is to prevent dead-lock or power-less problem and pass 1 million stretching tests
- 360 degree swivel air inlet design to prevent air hose twisted
- Lighter 1/2" composite impact wrench with highest torque



Square Drive	1/2"
Free Speed	8,500 RPM
Clutch Type	Twin Hammer
Working Torque	800 ft-lb, 1080 Nm/5 s
Max. Torque	950 ft-lb, 1283 Nm/15 s
Nut-Busting Torque	1200 ft-lb, 1620 Nm
Air Consumption	5.5 CFM, 158 L/min
Air Pressure	90 PSI
Vibration Level	8.1 m/s ²
Sound Pressure	91.5 dB(A)
Air Inlet	1/4"
Air Hose I.D.	3/8"
Net Weight	1.65 kg (3.6 lb)
Overall Length	179 mm (6.89")
Package	10pcs/ctn, 18.5kg/19.5kg, 1.6 cu'ft

Item No.: PIA04T12

1/2" Mini Air Impact Wrench

- Rear exhaust design directs air away from work piece and operator
- Light weight Aluminum housing with non-slip rubber grip. Cold insulated handle.
- Delivers 600 ft. lbs. of torque to quickly remove and install fasteners
- Great for small engine repair & transmission, body shop, farm, light truck, overall automotive service



Square Drive	1/2"
Free Speed	10,000 RPM
Clutch Type	Twin Hammer
Working Torque	450~550 ft-lb
Max. Torque	600 ft-lb, 815 Nm
Loosening Torque	1032 ft-lb, 1400 Nm
Air Consumption	5.8 CFM, 164 L/min
Air Pressure	90 PSI
Vibration Level	2.25 m/s ²
Sound Pressure	84 dB(A)
Air Inlet	1/4"
Air Hose I.D.	3/8"
Net Weight	1.5 kg (3.3 lb)
Overall Length	119 mm (4.68")
Package	10pcs/ctn, 16.5kg/17.5kg, 0.92 cu'ft

Item No.: PIA04T13

1/2" Aluminum Air Impact Wrench

- This impact wrench is handle exhaust
- One hand operation with 2 different speed forward, 1 speed reverse
- With aluminum body but light weight-only 1.78kg



Square Drive	1/2"
Free Speed	8,200 RPM
Clutch Type	Twin Hammer
Working Torque	650 ft-lb, 884 Nm/5 s
Max. Torque	820 ft-lb, 1115.2 Nm/15 s
Air Consumption	5.5 CFM, 156 L/min
Air Pressure	90 PSI
Vibration Level	8.1 m/s ²
Sound Pressure	92 dB(A)
Air Inlet	1/4"
Air Hose I.D.	3/8"
Net Weight	1.78 kg (3.9 lb)
Overall Length	155 mm (6.0")
Package	10pcs/ctn, 19.6kg/20.6kg, 1.3 cu'ft

Item No.: PIA04T14
1/2" Aluminum Air Impact Wrench (Oil Bath)

- This impact wrench is handle exhaust
- One hand operation with 2 different speed forward, 1 speed reverse
- With oil bath type, it increase the life time of twin hammer and easy to maintain



Square Drive	1/2"
Free Speed	7,000 RPM
Clutch Type	Twin Hammer
Working Torque	650 ft-lb, 884 Nm/5 s
Max. Torque	820 ft-lb, 1115.2 Nm/15 s
Air Consumption	5.5 CFM, 156 L/min
Air Pressure	90 PSI
Vibration Level	8.1 m/s ²
Sound Pressure	92 dB(A)
Air Inlet	1/4"
Air Hose I.D.	3/8"
Net Weight	1.90 kg (4.2 lb)
Overall Length	165 mm (6.4")

Item No: PIA04T15
1/2" Aluminum Air Impact Wrench

- The impact wrench is handle exhaust
- With 3 different speed adjustment at forward direction and 1 full speed at reverse direction
- The impact wrench is with twin hammer mechanism to bring the best durability and powerful torque output
- Great to use in the industrial site, construction, petrochemical, rail, shipbuilding, heavy vehicle repair and maintenance, heavy machinery, tire lanes and fleet maintenance and etc.



Square Drive	1/2"
Free Speed	8500 RPM
Clutch Type	Twin Hammer
Working Torque	550 ft-lb, 743 Nm/5 s
Max. Torque	660 ft-lb, 891 Nm/15 s
Air Consumption	5 CFM, 141 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	91.5 dB(A)
Vibration Level	8.1 m/s ²
Net Weight	2.1 kg (4.62 lb)
Overall Length	190mm (7.48")

Item No.: PIA04J03
1/2" Stubby Air Impact Wrench

- This impact wrench is handle exhaust
- Our unique replaceable anvil design-can use for short impact sockets & bits or change to traditional anvil 1/2" & 3/8"
- Only 84mm (3.3") length can access easily in restricted space
- Perfect for industry assembling line, automobile repair and agriculture machine



Square Drive	1/2"
Free Speed	9,000 RPM
Bolt Capacity	M16 (5/8")
Clutch Type	Jumbo Hammer
Working Torque	400 ft-lb, 542 Nm/5 s
Max. Torque	600 ft-lb, 813 Nm/15 s
Air Consumption	4.0 CFM, 113 L/min
Air Pressure	90 PSI
Vibration Level	9.0 m/s ²
Air Inlet	1/4"
Air Hose I.D.	3/8"
Net Weight	1.35 kg (2.98 lb)
Overall Length	86 mm (3.38")
Package	10pcs/ctn, 14.0kg/16.0kg, 0.8 cu'ft

Item No: PIA04J04
1/2" Stubby Aluminum Air Impact Wrench

- The impact wrench is handle exhaust
- The impact wrench is with jumbo hammer mechanism to bring the best durability and powerful torque output
- Great to use in the industrial site, construction, petrochemical, rail, shipbuilding, heavy vehicle repair and maintenance, heavy machinery, tire lanes and fleet maintenance and etc.



Square Drive	1/2"
Free Speed	9500 RPM
Clutch Type	Jumbo Hammer
Working Torque	400 ft-lb, 542 Nm/5 s
Max. Torque	500 ft-lb, 678 Nm/15 s
Nut-Busting Torque	800 ft-lb, 1085 Nm
Air Consumption	5.0 CFM, 143 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	97.1 dB(A)
Vibration Level	9.5 m/s ²
Net Weight	1.25 kg (2.75 lb)
Overall Length	114mm (4.48")

Item No.: PIA06T01

3/4" Mini Composite Air Impact Wrench

- The air impact wrench is handle exhaust
- The nut-busting torque is 1050 ft-lb (1417 Nm)
- 3/4" pneumatic impact wrench is with great performance and industrial-grade durability
- Special design for vane to prevent dead-lock or power-less problem



Square Drive	3/4"
Free Speed	8500 RPM
Clutch Type	Twin Hammer
Working Torque	650 ft-lb, 881 Nm/5 s
Max. Torque	820 ft-lb, 1111 Nm/15 s
Air Consumption	4.6 CFM, 132 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	91.5 dB(A)
Vibration Level	8.1 m/s ²
Net Weight	2.3 kg (5 lb)
Overall Length	195mm (7.67")
Package	10pcs/ctn, 24.5kg/25.5kg, 1.6 cu'ft

Item No.: PIA06T02

3/4" Composite Air Impact Wrench

- Lightweight composite air impact wrench and resistant to shocks
- Pneumatic impact wrench integrate L/R and power output adjusting knob at back
- Anvil are available with 3" or 6" extension
- Great performance and industrial-grade durability



Square Drive	3/4"
Free Speed	5500 RPM
Clutch Type	Twin Hammer
Working Torque	1200 ft-lb, 1627 Nm/5 s
Max. Torque	1500 ft-lb, 2033 Nm/15 s
Air Consumption	7 CFM, 198 L/min
Air Pressure	90 PSI
Air Inlet	3/8"
Air Hose I.D.	3/8"
Sound Pressure	96.5 dB(A)
Vibration Level	8.6 m/s ²
Net Weight	3.7 kg (8.1 lb)
Overall Length	220mm (8.66")
Package	6pcs/ctn, 23.3kg/24.3kg, 1.3 cu'ft

Item No.: PIA06T02-3L

3/4" Composite Impact Wrench with 3" Extension

- The impact wrench is handle exhaust
- Forward: 3 positions, Reverse: 1 position
- The maximum loosening torque is 2400 ft-lbs (3254Nm)
- The impact wrench is with twin hammer mechanism to bring the best durability and powerful torque output
- Great to use in the construction, petrochemical, rail, shipbuilding, heavy vehicle repair and maintenance, heavy machinery, tire lanes and fleet maintenance and etc.



Square Drive	3/4"
Free Speed	5500 RPM
Clutch Type	Twin Hammer
Working Torque	1200 ft-lb, 1627 Nm/5 s
Max. Torque	1500 ft-lb, 2033 Nm/15 s
Air Consumption	7 CFM, 198 L/min
Air Pressure	90 PSI
Air Inlet	3/8"
Air Hose I.D.	3/8"
Sound Pressure	96.5 dB(A)
Vibration Level	8.6 m/s ²
Net Weight	4.0 kg (9.2 lb)
Overall Length	296mm (11.65")
Package	6pcs/ctn, 25.9kg/26.9kg, 2.0 cu'ft

Item No.: PIA06T02-6L

3/4" Composite Impact Wrench with 6" Extension

- The impact wrench is handle exhaust
- Forward: 3 positions, Reverse: 1 position
- The maximum loosening torque is 2400 ft-lbs (3254Nm)
- The impact wrench is with twin hammer mechanism to bring the best durability and powerful torque output
- Great to use in the construction, petrochemical, rail, shipbuilding, heavy vehicle repair and maintenance, heavy machinery, tire lanes and fleet maintenance and etc.



Square Drive	3/4"
Free Speed	5500 RPM
Clutch Type	Twin Hammer
Working Torque	1200 ft-lb, 1627 Nm/5 s
Max. Torque	1500 ft-lb, 2033 Nm/15 s
Air Consumption	7 CFM, 198 L/min
Air Pressure	90 PSI
Air Inlet	3/8"
Air Hose I.D.	3/8"
Sound Pressure	96.5 dB(A)
Vibration Level	8.6 m/s ²
Net Weight	4.3 kg (10.3 lb)
Overall Length	373mm (14.68")
Package	6pcs/ctn, 27.8kg/28.8kg, 2.0 cu'ft

Item No.: PIA06T05

3/4" Mini Extreme Composite Air Impact Wrench

- This impact wrench is handle exhaust
- The blade with spring mounted is to prevent dead-lock or power-less problem and pass 1 million stretching tests
- 360 degree swivel air inlet design to prevent air hose twisted
- Perfect for auto repair, structure fastening and factory assembly



Square Drive	3/4"
Free Speed	8,500 RPM
Clutch Type	Twin Hammer
Working Torque	750 ft-lb, 1013 Nm/5 s
Max. Torque	900 ft-lb, 1215 Nm/15 s
Nut-Busting Torque	1200 ft-lb, 1620 Nm
Air Consumption	5.5 CFM, 158 L/min
Air Pressure	90 PSI
Vibration Level	8.1 m/s ²
Sound Pressure	91.5 dB(A)
Air Inlet	1/4"
Air Hose I.D.	3/8"
Net Weight	1.85 kg (4.0 lb)
Overall Length	198 mm (7.79")
Package	10pcs/ctn, 20.0kg/21.0kg, 1.6 cu'ft

Item No.: PIA06T06

3/4" Extreme Composite Air Impact Wrench

- This impact wrench is handle exhaust
- The blade with spring mounted is to prevent dead-lock or power-less problem and pass 1 million stretching tests
- 360 degree swivel air inlet design to prevent air hose twisted
- Perfect for auto repair, maintenance & repair & overhaul, rail, heavy machinery, oil and gas, building, heavy trucks and tire and fleet maintenance



Square Drive	3/4"
Free Speed	6,000 RPM
Clutch Type	Twin Hammer
Working Torque	1250 ft-lb, 1687 Nm/5 s
Max. Torque	1550 ft-lb, 2092 Nm/15 s
Nut-Busting Torque	1650 ft-lb, 2227 Nm
Air Consumption	7.0 CFM, 198 L/min
Air Pressure	90 PSI
Vibration Level	8.6 m/s ²
Sound Pressure	96.5 dB(A)
Air Inlet	3/8"
Air Hose I.D.	3/8"
Net Weight	3.00 kg (6.4 lb)
Overall Length	209 mm (8.22")
Package	6pcs/ctn, 19.0kg/20.0kg, 1.3 cu'ft

Item No.: PIA06T07

3/4" Aluminum Air Impact Wrench

- This impact wrench is handle exhaust
- One hand operation with 2 different speed forward, 1 speed reverse



Square Drive	3/4"
Free Speed	8,200 RPM
Clutch Type	Twin Hammer
Working Torque	650 ft-lb, 884 Nm/5 s
Max. Torque	820 ft-lb, 1115.2 Nm/15 s
Air Consumption	5.5 CFM, 156 L/min
Air Pressure	90 PSI
Vibration Level	8.1 m/s ²
Sound Pressure	92 dB(A)
Air Inlet	1/4"
Air Hose I.D.	3/8"
Net Weight	2.00 kg (4.4 lb)
Overall Length	170 mm (6.6")
Package	10pcs/ctn, 22.0kg/23.0kg, 1.3 cu'ft

Item No.: PIA10T01

1" Mini Composite Air Impact Wrench

- The impact wrench is handle exhaust
- Anvil is available with 6" extension
- Special design for vane to prevent dead-lock or power-less problem
- With 3 different speed adjustment at forward direction and 1 full speed at reverse direction

Square Drive	1"
Free Speed	5500 RPM
Clutch Type	Twin Hammer
Working Torque	1200 ft-lb, 1627 Nm/5 s
Max. Torque	1500 ft-lb, 2033 Nm/15 s
Air Consumption	7 CFM, 198 L/min
Air Pressure	90 PSI
Air Inlet	3/8"
Air Hose I.D.	3/8"
Vibration Level	8.6 m/s ²
Sound Pressure	96.5 dB(A)
Net Weight	3.8 kg (8.3 lb)
Overall Length	230mm (9.10")
Package	6pcs/ctn, 23.9kg/24.9kg, 1.3 cu'ft

Item No.: PIA10T01-6L

1" Mini Composite Impact Wrench with 6" Extension

- The impact wrench is handle exhaust
- With 3 different speed adjustment at forward direction and 1 full speed at reverse direction
- The maximum loosening torque is 2400 ft-lbs (3254Nm)
- The impact wrench is with twin hammer mechanism to bring the best durability and powerful torque output
- Great to use in the construction, petrochemical, rail, shipbuilding, heavy vehicle repair and maintenance, heavy machinery, tire lanes and fleet maintenance and etc.

Square Drive	1"
Free Speed	5500 RPM
Clutch Type	Twin Hammer
Working Torque	1200 ft-lb, 1627 Nm/5 s
Max. Torque	1500 ft-lb, 2033 Nm/15 s
Air Consumption	7 CFM, 198 L/min
Air Pressure	90 PSI
Air Inlet	3/8"
Air Hose I.D.	3/8"
Vibration Level	8.6 m/s ²
Sound Pressure	96.5 dB(A)
Net Weight	4.6 kg (10.1 lb)
Overall Length	383mm (15.08")
Package	6pcs/ctn, 27.8kg/28.8kg, 2.0 cu'ft



Item No.: PIA10T02

1" Air Impact Wrench

- Clutch Type: Twin Hammer



Square Drive	1"
Free Speed	6000 RPM
Clutch Type	Twin Hammer
Max. Torque	1200 ft-lb, 1627 Nm
Air Consumption	10.59 CFM, 300 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Net Weight	4.25 kg (9.37 lb)
Overall Length	215mm (8.46")

Item No.: PIA10T03

1" Mini Extreme Composite Air Impact Wrench

- This impact wrench is handle exhaust
- The blade with spring mounted is to prevent dead-lock or power-less problem and pass 1 million stretching tests
- 360 degree swivel air inlet design to prevent air hose twisted
- Great for general industrial use, construction, vehicle repair industry, heavy trucks, heavy machinery, oil and gas, rail, tire lanes and fleet maintenance



Square Drive	1"
Free Speed	6,000 RPM
Clutch Type	Twin Hammer
Working Torque	1250 ft-lb, 1687 Nm/5 s
Max. Torque	1550 ft-lb, 2092 Nm/15 s
Nut-Busting Torque	1650 ft-lb, 2227 Nm
Air Consumption	7.0 CFM, 198 L/min
Air Pressure	90 PSI
Vibration Level	8.6 m/s ²
Sound Pressure	96.5 dB(A)
Air Inlet	3/8"
Air Hose I.D.	3/8"
Net Weight	3.15 kg (6.4 lb)
Overall Length	219 mm (8.62")
Package	6pcs/ctn, 20.0kg/21.0kg, 1.3 cu'ft

Item No.: PID10T01

1" Aluminum Air Impact Wrench

- This impact wrench is side exhaust
- Clutch Type: Twin Hammer
- Special design for vane to prevent dead-lock or power-less problem
- The lightest model in aluminum material with 2200 ft-lb (2982 Nm)



Square Drive	1"
Free Speed	3600 RPM
Clutch Type	Twin Hammer
Working Torque	1800 ft-lb, 2440 Nm/5 s
Max. Torque	2200 ft-lb, 2982 Nm/15 s
Air Consumption	11 CFM, 312 L/min
Air Pressure	90 PSI
Air Inlet	1/2"
Air Hose I.D.	1/2"
Vibration Level	15.3 m/s ²
Sound Pressure	101.5 dB(A)
Net Weight	10.5 kg (23.6 lb)
Overall Length	398mm (15.66")
Package	2pcs/ctn, 21.0kg/22.0kg, 1.5 cu'ft

Item No.: PID10T01-6L

1" Aluminum Air Impact Wrench with 6" Extension

- This impact wrench is side exhaust
- Clutch Type: Twin Hammer
- Special design for vane to prevent dead-lock or power-less problem
- The lightest model in aluminum material with 2200 ft-lb (2982 Nm)



Square Drive	1"
Free Speed	3600 RPM
Clutch Type	Twin Hammer
Working Torque	1800 ft-lb, 2440 Nm/5 s
Max. Torque	2200 ft-lb, 2982 Nm/15 s
Air Consumption	11 CFM, 312 L/min
Air Pressure	90 PSI
Air Inlet	1/2"
Air Hose I.D.	1/2"
Vibration Level	15.3 m/s ²
Sound Pressure	101.5 dB(A)
Net Weight	11.7 kg (25.8 lb)
Overall Length	550mm (21.65")
Package	2pcs/ctn, 23.0kg/24.0kg, 1.5 cu'ft

Item No.: PID10P01-8L

1" Aluminum Air Impact Wrench with 8" Extension

- This impact wrench is side exhaust
- Clutch Type: Pin Less
- This impact wrench is also available with standard anvil length



Square Drive	1"
Free Speed	4000 RPM
Clutch Type	Pin Less
Working Torque	2000 ft-lb, 2711 Nm/5 s
Max. Torque	2500 ft-lb, 3389 Nm/15 s
Air Consumption	12 CFM, 339 L/min
Air Pressure	90 PSI
Air Inlet	1/2"
Air Hose I.D.	1/2"
Vibration Level	18.3 m/s ²
Sound Pressure	115.5 dB(A)
Net Weight	16.7 kg (36.8 lb)
Overall Length	620mm (24.40")
Package	1pcs/ctn, 17.3kg/18.3kg, 0.83 cu'ft

Item No.: PID10T02/ PID10P02

1" Extreme Composite Air Impact Wrench

- This impact wrench is handle exhaust
- The blade with spring mounted is to prevent dead-lock or power-less problem and pass 1 million stretching tests
- 45 degree swivel air inlet design to prevent air hose twisted
- This impact wrench is the lightest among all 1" air impact wrench and with the highest torque and good quality



Square Drive	1"
Free Speed	5500 RPM
Clutch Type	Twin Hammer/Pin Less
Working Torque	2000 ft-lb, 2700 Nm/5 s
Max. Torque	2200 ft-lb, 2970 Nm/15 s
Nut-Busting Torque	2500 ft-lb, 3375 Nm
Air Consumption	7.5 CFM, 212 L/min
Air Pressure	90 PSI
Air Inlet	1/2"
Air Hose I.D.	1/2"
Vibration Level	8.6 m/s ²
Sound Pressure	96.5 dB(A)
Net Weight	6.2 kg (13.64 lb)
Overall Length	425mm (16.73")
Package	2pcs/ctn, 13.0kg/14.0kg

**Item No.: PID10T02-6L/
PIA10P02-6L**

**1" Extreme Composite Impact
Wrench with 6" Extension**

- The impact wrench is handle exhaust
- With 3 different speed adjustment at forward direction and 1 full speed at reverse direction
- The maximum loosening torque is 3500 ft-lbs (4746Nm)
- The impact wrench is with twin hammer mechanism to bring the best durability and powerful torque output
- 45 degree angle air inlet and able to change in 6 directions
- Great to use in the construction, petrochemical, rail, shipbuilding, heavy vehicle repair and maintenance, heavy machinery, tire lanes and fleet maintenance and etc.



Square Drive	1"
Free Speed	5500 RPM
Clutch Type	Twin Hammer/Pin Less
Working Torque	2000 ft-lb, 2700 Nm/5 s
Max. Torque	2200 ft-lb, 2970 Nm/15 s
Nut-Busting Torque	2500 ft-lb, 3375 Nm
Air Consumption	7.5 CFM, 212 L/min
Air Pressure	90 PSI
Air Inlet	1/2"
Air Hose I.D.	1/2"
Vibration Level	8.6 m/s ²
Sound Pressure	96.5 dB(A)
Net Weight	7.2 kg (15.84 lb)
Overall Length	580mm (22.83")
Package	2pcs/ctn, 18.0kg/19.0kg, 1.8 cu'ft

**Item No.: PID10T02-8L/
PID10P02-8L**

**1" Extreme Composite
Air Impact Wrench with 8"
Extension**

- This impact wrench is handle exhaust
- The blade with spring mounted is to prevent dead-lock or power-less problem and pass 1 million stretching tests
- This impact wrench is also available with 6" anvil length
- Great for general industrial use, construction, vehicle repair industry, heavy trucks, heavy machinery, oil and gas, rail, tire lanes and fleet maintenance



Square Drive	1"
Free Speed	5500 RPM
Clutch Type	Twin Hammer/Pin Less
Working Torque	2000 ft-lb, 2700 Nm/5 s
Max. Torque	2300 ft-lb, 3105 Nm/15 s
Nut-Busting Torque	2500 ft-lb, 3375 Nm
Air Consumption	7.5 CFM, 212 L/min
Air Pressure	90 PSI
Air Inlet	1/2"
Air Hose I.D.	1/2"
Vibration Level	8.6 m/s ²
Sound Pressure	96.5 dB(A)
Net Weight	7.9 kg (17.16 lb)
Overall Length	615.8mm (24.24")
Package	2pcs/ctn, 15.8kg/16.8kg

Item No.: PIE10T01/ PIE10P01 1" Extreme Composite Air Impact Wrench

- This impact wrench is handle exhaust
- The blade with spring mounted is to prevent dead-lock or power-less problem and pass 1 million stretching tests
- 360 degree swivel air inlet design to prevent air hose twisted
- This impact wrench is the lightest among all 1" air impact wrench and with the highest torque and good quality



Square Drive	1"
Free Speed	5500 RPM
Clutch Type	Twin Hammer/Pin Less
Working Torque	2000 ft-lb, 2700 Nm/5 s
Max. Torque	2200 ft-lb, 2970 Nm/15 s
Nut-Busting Torque	2500 ft-lb, 3375 Nm
Air Consumption	7.5 CFM, 212 L/min
Air Pressure	90 PSI
Air Inlet	1/2"
Air Hose I.D.	1/2"
Vibration Level	8.6 m/s ²
Sound Pressure	96.5 dB(A)
Net Weight	5.7 kg (12.54 lb)
Overall Length	256mm (10.07")
Package	4pcs/ctn, 23.6kg/24.6kg

Item No.: PIE10T01-6L/ PIE10P01-6L 1" Extreme Composite Air Impact Wrench with 6" Extension

- This impact wrench is handle exhaust
- The blade with spring mounted is to prevent dead-lock or power-less problem and pass 1 million stretching tests
- This impact wrench is also available with 8" anvil length
- Great for general industrial use, construction, vehicle repair industry, heavy trucks, heavy machinery, oil and gas, rail, tire lanes and fleet maintenance



Square Drive	1"
Free Speed	5500 RPM
Clutch Type	Twin Hammer/Pin Less
Working Torque	2000 ft-lb, 2700 Nm/5 s
Max. Torque	2200 ft-lb, 2970 Nm/15 s
Nut-Busting Torque	2500 ft-lb, 3375 Nm
Air Consumption	7.5 CFM, 212 L/min
Air Pressure	90 PSI
Air Inlet	1/2"
Air Hose I.D.	1/2"
Vibration Level	8.6 m/s ²
Sound Pressure	96.5 dB(A)
Net Weight	6.8 kg (14.96 lb)
Overall Length	417mm (16.41")
Package	3pcs/ctn, 20.4kg/21.4kg

Item No.: PIE10P01-8L

1" Extreme Composite Impact Wrench with 8" Extension

- The impact wrench is handle exhaust
- With 3 different speed adjustment at forward direction and 1 full speed at reverse direction
- The maximum loosening torque is 3500 ft-lbs (4746Nm)
- The impact wrench is with twin hammer mechanism to bring the best durability and powerful torque output
- Sensitive trigger for multi-speed control
- Great to use in the construction, petrochemical, rail, shipbuilding, heavy vehicle repair and maintenance, heavy machinery, tire lanes and fleet maintenance and etc.



Square Drive	1"
Free Speed	5500 RPM
Clutch Type	Pin Less
Working Torque	2100 ft-lb, 2835 Nm/5 s
Max. Torque	2300 ft-lb, 3105 Nm/15 s
Nut-Busting Torque	2600 ft-lb, 3510 Nm
Air Consumption	7.5 CFM, 212 L/min
Air Pressure	90 PSI
Air Inlet	1/2"
Air Hose I.D.	1/2"
Vibration Level	8.6 m/s ²
Sound Pressure	96.5 dB(A)
Net Weight	7.6 kg (16.72 lb)
Overall Length	467mm (18.38")
Package	3pcs/ctn, 23.0kg/24.0kg

Item No.: PID12P01

1-1/2" Heavy Duty Aluminum Air Impact Wrench

- This impact wrench is side exhaust
- Clutch Type: Pin Less



Square Drive	1-1/2"
Free Speed	4000 RPM
Clutch Type	Pin Less
Working Torque	2000 ft-lb, 2711 Nm/5 s
Max. Torque	2500 ft-lb, 3389 Nm/15 s
Air Consumption	12 CFM, 339 L/min
Air Pressure	90 PSI
Air Inlet	1/2"
Air Hose I.D.	1/2"
Vibration Level	18.3 m/s ²
Sound Pressure	115.5 dB(A)
Net Weight	15.3 kg (33.7 lb)
Overall Length	620mm (24.40")
Package	1pcs/ctn, 16.0kg/17.0kg, 0.83 cu'ft

Air Ratchet Wrenches

Item No.: RW0201/ RW0302

1/4" or 3/8" Pneumatic Ratchet Wrench

- Rear Exhaust



Square Drive	3/8" or 1/4"
Free Speed	300 RPM
Working Torque	10 ft-lb, 13 Nm
Max. Torque	40 ft-lb, 54 Nm
Average Air Consumption	3 CFM, 84 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	84 dB(A)
Vibration	4.5 m/s ²
Air Pressure	90 PSI
Net Weight	0.7 kg (1.5 lb)
Overall Length	180mm (7.08")
Package	20pcs/ctn, 13.5kg/14.5kg, 1.1 cu'ft

Item No.: RW0202/ RW0304

1/4" or 3/8" Mini Ratchet Wrench

- Rear Exhaust



Square Drive	3/8" or 1/4"
Free Speed	300 RPM
Working Torque	10 ft-lb, 13 Nm
Max. Torque	40 ft-lb, 54 Nm
Average Air Consumption	3 CFM, 84 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	84 dB(A)
Vibration	4.5 m/s ²
Air Pressure	90 PSI
Net Weight	0.5 kg (1.1 lb)
Overall Length	144mm (5.66")
Package	20pcs/ctn, 11.6kg/12.6kg, 1.1 cu'ft

Item No.: RW0203/ RW0307

1/4" or 3/8" Heavy Duty Ratchet Wrench

- This ratchet wrench is 360° adjust side exhaust



Square Drive	1/4" or 3/8"
Free Speed	300 RPM
Working Torque	10 ft-lb, 13 Nm
Max. Torque	40 ft-lb, 54 Nm
Sound Pressure	83 dB(A)
Average Air Consumption	3 CFM, 84 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Vibration	3.5 m/s ²
Net Weight	0.64 kg (1.4 lb)
Overall Length	202 mm (7.88")
Package	20pcs/ctn, 13.5kg/14.5kg, 1.1 cu'ft

Item No.: RW0204/ RW0310

1/4" or 3/8" Mini Pneumatic Ratchet Wrench

- This ratchet wrench is rear exhaust
- The cylinder power is 0.3HP but with short body length design
- Rotor five blade design with low noise and low vibration



Square Drive	1/4" or 3/8"
Free Speed	300 RPM
Working Torque	10 ft-lb, 13 Nm
Max. Torque	35 ft-lb, 47.5 Nm
Sound Pressure	83 dB(A)
Average Air Consumption	3.0 CFM, 84 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Vibration	3.2 m/s ²
Net Weight	0.45 kg (0.99 lb)
Overall Length	134 mm (5.28")

Item No.: RW0204-5L/ RW0310-5L

1/4" or 3/8" 5" Extension Mini Pneumatic Ratchet Wrench

- This ratchet wrench is rear exhaust
- The cylinder power is 0.3HP but with short body length design
- Rotor five blade design with low noise and low vibration

Square Drive	1/4" or 3/8"
Free Speed	250 RPM
Working Torque	10 ft-lb, 13 Nm
Max. Torque	35 ft-lb, 47.5 Nm
Sound Pressure	83 dB(A)
Average Air Consumption	3.0 CFM, 84 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Vibration	3.2 m/s ²
Net Weight	0.80 kg (1.76 lb)
Overall Length	280 mm (11.03")



Item No.: RW0205-10L/ RW0311-10L

1/4" or 3/8" Heavy Duty Pneumatic Ratchet Wrench with 10" Extension

- The air ratchet wrench is rear 360 adjustable side exhaust
- This air ratchet wrench is with 10" extension so perfect for narrow and deep application
- The motor five-blade design to have higher torque output
- Great to use in the industrial site and automobile maintenance and repair

Square Drive	1/4" or 3/8"
Free Speed	300 RPM
Working Torque	35 ft-lb, 48 Nm
Average Air Consumption	3.0 CFM, 84 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Net Weight	1.30 kg (2.86 lb)
Overall Length	400 mm (15.75")



Item No.: RW0301/ RW0401 3/8" or 1/2" Pneumatic Ratchet Wrench

- Rugged, variable speed and reversible air ratchets
- Paddle-style trigger provides better speed control
- Polyurethane handle helps to maintain temperature and insulate vibration

Square Drive	3/8" or 1/2"
Free Speed	175 RPM
Torque	50 ft-lb, 68 Nm
Average Air Consumption	3.5 CFM, 99 L/min
Air Inlet	1/4"
Net Weight	1.2 kg (2.6 lb)
Overall Length	265mm (10.4")
Min. Hose Size	10mm (3/8")
Package	12pcs/ctn, 15kg/16kg, 1.1 cu'ft



Item No.: RW0303/ RW0402 3/8" or 1/2" Pneumatic Ratchet Wrench

- Rear Exhaust

Square Drive	3/8" or 1/2"
Free Speed	160 RPM
Working Torque	20 ft-lb, 27 Nm
Max. Torque	60 ft-lb, 81 Nm
Average Air Consumption	4 CFM, 113 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	83 dB(A)
Vibration	6.5 m/s ²
Air Pressure	90 PSI
Net Weight	1.2 kg (2.6 lb)
Overall Length	265mm (10.43")
Package	20pcs/ctn, 27.0kg/28.0kg, 1.7 cu'ft



Item No.: RW0305/ RW0403

3/8" or 1/2" Heavy Duty Ratchet Wrench

- This ratchet wrench is 360° adjust side exhaust
- This ratchet wrench is with our special two gear mechanism design



Square Drive	3/8" or 1/2"
Free Speed	160 RPM
Working Torque	25 ft-lb, 34 Nm
Max. Torque	70 ft-lb, 95 Nm
Sound Pressure	82 dB(A)
Average Air Consumption	4 CFM, 113 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Vibration	5.5 m/s ²
Net Weight	1.2 kg (2.6 lb)
Overall Length	273 mm (10.65")
Package	20pcs/ctn, 27.0kg/28.0kg, 1.7 cu'ft

Item No.: RW0306/ RW0404

3/8" or 1/2" Heavy Duty Ratchet Wrench

- This ratchet wrench is 360° adjust side exhaust
- The head can be adjust up and down to 30°
- This ratchet wrench is with our special design to prevent deformation



Square Drive	3/8" or 1/2"
Free Speed	160 RPM
Working Torque	25 ft-lb, 34 Nm
Max. Torque	70 ft-lb, 95 Nm
Sound Pressure	82 dB(A)
Average Air Consumption	4 CFM, 113 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Vibration	5.5 m/s ²
Net Weight	1.45 kg (3.19 lb)
Overall Length	275 mm (10.72")
Package	20pcs/ctn, 34.0kg/35.0kg, 1.7 cu'ft

Item No.: RW0308/ RW0406

3/8" or 1/2" Ratchet Wrench

- This ratchet wrench is rear exhaust



Square Drive	1/2" or 3/8"
Free Speed	160 RPM
Max. Torque	74 ft-lb, 100 Nm
Sound Pressure	91.4 dB(A)
Average Air Consumption	12.36 CFM, 350 L/min
Air Inlet	1/4"
Air Pressure	90 PSI
Vibration	3.7 m/s ²
Net Weight	1.83 kg (4.03 lb)
Overall Length	327 mm (12.87")

Item No.: RW0309/ RW0407

3/8" or 1/2" Ratchet Wrench

- This ratchet wrench is rear exhaust
- This ratchet wrench is no reaction force



Square Drive	1/2" or 3/8"
Free Speed	200 RPM
Max. Torque	89 ft-lb, 120 Nm
Sound Pressure	83 dB(A)
Average Air Consumption	12.36 CFM, 350 L/min
Air Inlet	1/4"
Air Pressure	90 PSI
Vibration	3.3 m/s ²
Net Weight	1.83 kg (4.03 lb)
Overall Length	327 mm (12.87")

Item No: RW0310-B

Mini 2-in-1 Pneumatic Ratchet Wrench

- The ratchet wrench is rear exhaust
- The ratchet wrench is combined 3/8"dr. with 1/4" bit holder
- Large cylinder power 0.3HP with more output torque
- Total length is only 134mm which is great to use in the restricted space
- Great to use in the industrial site and repair and maintenance



Square Drive	3/8" with 1/4" Hex
Free Speed	300 RPM
Working Torque	10 ft-lb, 13 Nm
Max. Torque	35 ft-lb, 47.5 Nm
Sound Pressure	83 dB(A)
Average Air Consumption	3.0 CFM, 84 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Vibration	3.2 m/s ²
Sound Pressure	83 dB(A)
Net Weight	0.45 kg (0.99 lb)
Overall Length	134 mm (5.28")

Item No.: RW0405

Thru-Hole Heavy Duty Ratchet Wrench

- This ratchet wrench is 360° adjust side exhaust
- This ratchet wrench is available with accessories



Square Drive	Inner Hex 17mm
Free Speed	400 RPM
Working Torque	10 ft-lb, 13 Nm
Max. Torque	40 ft-lb, 54 Nm
Sound Pressure	83 dB(A)
Average Air Consumption	3 CFM, 84 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Vibration	3.5 m/s ²
Net Weight	0.66 kg (1.45 lb)
Overall Length	227 mm (8.85")
Package	20pcs/ctn, 17.0kg/18.0kg, 1.1 cu'ft



Impact Socket Sets

Item No.: IESS040901

9pcs 1/2"Dr. Impact E Star Socket Sets

- Material: CR-MO
- Socket set is available with different assortment



9-1/2"Dr. Loose Impact E Star Socket: E10-E11-E12-E14-E16-E18-E20-E22-E24 in 78mm

Item No.: ISS041001

10pcs 1/2" Dr. Loose Impact Socket Set

- Material: CR-MO
- Socket set is available with different assortment



10-1/2" Dr. Loose Impact Sockets: 10-11-12-13-14-15-16-17-19-21mm

Item No.: ISS041101

11pcs 1/2" Dr. Deep Impact Socket Set

- Material: CR-MO
- Socket set is available with different assortment



11-1/2" Dr. Deep Impact Sockets: 10-11-12-13-14-15-17-19-21-22-24mm

Item No.: ISS041102

11pcs 1/2"Dr. Loose Impact Socket Set

- Impact socket material is CR-MO
- Impact socket sets are available with different combinations



11-1/2" Dr. Shallow Impact Sockets: 10-12-13-14-15-17-18-19-21-22-24mm

Item No.: ISS041103

11pcs 1/2"Dr. Deep Impact Socket Set

- Impact socket material is CR-MO
- Impact socket sets are available with different combinations



11-1/2" Dr. Deep Impact Sockets: 10-12-13-14-15-17-18-19-21-22-24mm

Item No.: ISS041301

13pcs 1/2" Dr. Loose Impact Socket Set

- Material: CR-MO
- Socket set is available with different assortment



13-1/2" Dr. Loose Impact Sockets: 10-11-12-13-14-15-16-17-18-19-21-22-24mm

Item No.: ISS044301
43pcs 1/2" Dr. Impact Socket Set

- Material: CR-MO
- Socket set is available with different assortment



19-1/2" Dr. Metric Loose Impact Sockets: 9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30mm
19-1/2" Dr. Metric Deep Impact Sockets: 9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30mm
4-1/2" Dr. Impact Extension Bar: 3", 5", 10", 15"
1-1/2" Dr. Impact Universal Joint

Item No.: IUJSS041101
11 pcs 1/2" Dr. Impact Universal Joint Socket Set

- Material is CR-MO with special heat treatment to increase the durability and strength
- Easier to use different impact universal joint sockets with impact joint socket adapters
- Available with impact universal joint extension bar in 3" and 5"
- Dynamic lifetime cycle is 2 times than standard 1/2"dr. impact universal joint or universal socket



9-1/2" Dr. Impact Universal Joint Socket, 6pt: 13-14-15-16-17-18-19-21-22mm
1-1/2" Dr. Impact Joint Socket Adapter
1-1/2" Dr. Impact Square Drive Head

Item No.: IAS023606
6pcs Impact Adapter Set

- Material: CR-MO
- Impact adapters can be customized by request



6-Impact Adapter: 1/4"F X 3/8"M, 3/8"F X 1/4"M, 3/8"F X 1/2" M, 1/2"F X 3/8"M, 1/2"F X 3/4" M, 3/4"F X 1/2"M
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Item No.: ISS060801
8pcs 3/4" Dr. Deep Impact Socket Set

- Material: CR-MO
- Socket set is available with different assortment



8-3/4" Dr. Deep Impact Sockets: 24-27-29-30-32-33-34-36mm

Item No.: ISS061901
19pcs 3/4" Dr. Impact Socket Set

- Material: CR-MO
- Socket set is available with different assortment
- All sockets and accessories can be customized by request
- Good choice for truck



14-3/4" Dr. Impact Sockets: 17-19-21-22-24-27-30-32-33-36-38-41-46-50mm
1-3/4" Dr. Impact Ratchet Handle 500mm
1-3/4" Dr. Sliding T Bar 500mm
3-3/4" Extension Bar (4"-10"-16")

Item No.: ISS100801
8pcs 1" Dr. Deep Impact Socket Set

- Material: CR-MO
- Socket set is available with different assortment



8-1" Dr. Deep Impact Sockets: 24-27-30-32-33-34-36-38mm

Item No.: WISS040301
3pcs 1/2" Dr. Wheel Nut Impact Socket Set

- Material: CR-MO
- With special protected cover to prolong 3 times more life time than normal wheel impact socket



Size	D1	D2	L	l	Weight (g)
17mm	27	30	85	26	214
19mm	29	30	85	26	229
21mm	30	30	85	26	237

Item No.: WISS040302
3pcs 1/2" Dr. Wheel Nut Impact Socket Set

- Material: CR-MO



Size	D1	D2	L	Weight (g)
17mm	27	30	85	210
19mm	29	30	85	230
21mm	31	30	85	260

Item No.: WISS040401
4pcs 1/2" Dr. Wheel Nut Impact Socket Set

- Material: CR-MO



Size	D1	D2	L	Weight (g)
17mm	27	30	85	180
19mm	29	30	85	195
21mm	31	32	85	220
22mm	31	32	85	230

Item No.: WISS040402
4pcs 1/2" Dr. Wheel Nut Impact Socket Set

- Material: CR-MO



Size	D1	D2	L	Weight (g)
17mm	27	30	85	210
19mm	29	30	85	230
21mm	31	30	85	260
22mm	31	32	85	280

Standard Impact Sockets

Item: 1/2" Dr. Impact Loose (Short) Socket

- Available in Metric and S.A.E.
- Impact socket is made by high quality CR-MO material
- Available in European and American type



Item No.	Size (mm)	L (mm)	D1 (mm)	D2 (mm)	W (mm)	Shape
ILS0407	7	38.0	13.0	25.0	4.0	A
ILS0408	8	38.0	14.0	25.0	6.0	
ILS0409	9	38.0	15.0	25.0	6.0	
ILS0410	10	38.0	17.0	25.0	6.0	
ILS0411	11	38.0	18.0	25.0	8.0	
ILS0412	12	38.0	19.0	25.0	8.0	
ILS0413	13	38.0	20.0	25.0	8.0	
ILS0414	14	38.0	22.0	25.0	8.0	
ILS0415	15	38.0	23.0	30.0	8.0	
ILS0416	16	38.0	24.0	30.0	9.0	
ILS0417	17	38.0	26.0	30.0	9.0	
ILS0418	18	38.0	27.0	30.0	10.0	
ILS0419	19	38.0	28.0	30.0	10.0	
ILS0420	20	38.0	29.0	30.0	12.0	
ILS0421	21	38.0	30.0	30.0	12.0	B
ILS0422	22	38.0	31.8	30.0	12.0	
ILS0423	23	38.0	31.8	30.0	14.0	C
ILS0424	24	40.0	33.8	30.0	14.0	
ILS0425	25	40.0	35.0	30.0	14.0	
ILS0426	26	43.0	35.8	30.0	14.0	
ILS0427	27	43.0	37.8	30.0	14.0	
ILS0428	28	43.0	39.8	30.0	16.0	
ILS0429	29	43.0	39.8	30.0	16.0	
ILS0430	30	43.0	41.8	30.0	16.0	
ILS0432	32	43.0	43.8	30.0	18.0	
ILS0433	33	46.0	44.8	30.0	18.0	
ILS0434	34	46.0	45.8	30.0	18.0	
ILS0435	35	50.0	47.8	30.0	20.0	
ILS0436	36	50.0	49.8	30.0	20.0	
ILS0438	38	50.0	51.8	30.0	20.0	
ILS0439	39	50.0	52.0	30.0	20.0	
ILS0441	41	50.0	56.0	38.0	23.0	
ILS0446	46	60.0	62.0	44.0	24.0	

Item: 3/4" Dr. Impact Loose (Short) Socket

- Available in Metric and S.A.E.
- Impact socket is made by high quality CR-MO material
- Suitable for heavy duty use



Item No.	Size (mm)	L (mm)	D1 (mm)	D2 (mm)	W (mm)	Shape
ILS0613	13	50.0	22.0	38.0	7.0	A
ILS0614	14	50.0	25.5	38.0	7.0	
ILS0615	15	50.0	26.0	38.0	7.0	
ILS0616	16	50.0	27.5	38.0	7.0	
ILS0617	17	50.0	28.5	38.0	9.6	
ILS0618	18	52.0	29.5	38.0	10.2	
ILS0619	19	52.0	30.0	38.0	11.1	
ILS0620	20	52.0	31.0	38.0	11.5	
ILS0621	21	52.0	32.0	38.0	11.7	
ILS0622	22	52.0	34.0	38.0	12.5	
ILS0623	23	52.0	35.0	38.0	12.7	
ILS0624	24	52.0	36.0	38.0	14.0	B
ILS0625	25	52.0	38.0	38.0	14.0	
ILS0626	26	52.0	38.0	38.0	14.6	
ILS0627	27	52.0	40.0	40.0	15.8	
ILS0628	28	52.0	42.0	42.0	16.3	
ILS0629	29	52.0	42.0	42.0	16.7	
ILS0630	30	52.0	46.0	44.0	16.7	C
ILS0632	32	52.0	48.0	44.0	18.3	
ILS0633	33	56.0	50.0	44.0	19.1	
ILS0634	34	56.0	51.0	44.0	20.0	
ILS0635	35	56.0	52.0	44.0	20.1	
ILS0636	36	56.0	53.5	44.0	21.5	
ILS0637	37	56.0	54.0	44.0	21.5	
ILS0638	38	56.0	56.0	44.0	22.3	
ILS0639	39	58.0	56.0	44.0	22.3	
ILS0640	40	62.0	58.0	44.0	22.8	
ILS0641	41	58.0	60.0	44.0	23.0	
ILS0642	42	62.0	61.0	44.0	23.0	
ILS0643	43	63.0	63.0	44.0	23.0	
ILS0644	44	63.0	65.0	44.0	23.0	
ILS0645	45	63.0	66.0	44.0	23.0	
ILS0646	46	63.0	67.0	44.0	23.0	
ILS0647	47	68.0	68.0	44.0	27.0	
ILS0648	48	68.0	69.0	44.0	27.0	
ILS0649	49	70.0	70.0	44.0	29.0	
ILS0650	50	72.0	71.0	54.0	29.8	
ILS0652	52	72.0	74.0	54.0	29.8	
ILS0654	54	72.0	77.0	54.0	29.8	
ILS0655	55	74.0	77.0	54.0	29.8	
ILS0656	56	74.0	77.0	54.0	31.0	
ILS0657	57	74.0	80.0	54.0	31.0	
ILS0658	58	74.0	82.0	54.0	31.0	
ILS0659	59	75.0	82.0	54.0	33.0	
ILS0660	60	80.0	84.0	54.0	33.0	
ILS0662	62	80.0	85.0	54.0	33.0	
ILS0665	65	80.0	88.0	54.0	33.0	
ILS0667	67	80.0	90.0	54.0	35.0	
ILS0670	70	85.0	96.0	54.0	35.0	

Item: 1" Dr. Impact Loose (Short) Socket

- Available in Metric and S.A.E.
- Impact socket is made by high quality CR-MO material
- Suitable for heavy duty use
- Also available in 1-1/2" Dr.



Item No.	Size (mm)	L (mm)	D1 (mm)	D2 (mm)	W (mm)	Shape
ILS1017	17	58.0	34.0	51.0	11.5	A
ILS1018	18	58.0	35.0	51.0	11.5	
ILS1019	19	58.0	36.0	51.0	11.5	
ILS1020	20	58.0	37.0	51.0	11.5	
ILS1021	21	58.0	38.0	51.0	11.5	
ILS1022	22	58.0	39.0	51.0	12.5	
ILS1023	23	58.0	40.0	51.0	13.0	
ILS1024	24	58.0	40.5	51.0	14.0	
ILS1025	25	58.0	41.0	51.0	14.5	
ILS1026	26	58.0	42.5	51.0	15.0	
ILS1027	27	58.0	44.0	51.0	16.0	B
ILS1028	28	58.0	45.0	51.0	16.0	
ILS1029	29	60.0	46.0	51.0	16.5	
ILS1030	30	60.0	48.0	51.0	17.0	B
ILS1032	32	62.0	51.0	51.0	18.5	
ILS1033	33	62.0	53.0	52.0	19.5	
ILS1034	34	62.0	54.0	54.0	19.5	B
ILS1035	35	62.0	54.0	54.0	20.5	
ILS1036	36	62.0	56.0	54.0	21.5	
ILS1037	37	62.0	57.0	54.0	22.0	B
ILS1038	38	62.0	58.0	54.0	22.5	
ILS1039	39	62.0	58.7	54.0	23.0	
ILS1040	40	62.0	60.0	54.0	23.0	B
ILS1041	41	62.0	61.5	54.0	23.0	
ILS1042	42	64.0	63.0	54.0	23.0	
ILS1043	43	64.0	65.0	54.0	23.0	B
ILS1044	44	64.0	65.0	54.0	23.0	
ILS1045	45	64.0	66.0	54.0	23.0	
ILS1046	46	64.0	68.0	54.0	23.0	B
ILS1047	47	66.0	69.0	54.0	24.0	
ILS1048	48	66.0	70.0	54.0	27.0	
ILS1049	49	68.0	72.0	58.0	27.0	B
ILS1050	50	70.0	73.0	54.0	26.0	
ILS1051	51	70.0	74.0	58.0	27.0	
ILS1052	52	70.0	75.0	58.0	30.0	B
ILS1053	53	70.0	75.0	54.0	27.0	
ILS1054	54	70.0	78.0	58.0	31.0	
ILS1055	55	72.0	79.0	54.0	28.0	B
ILS1056	56	72.0	80.0	62.0	31.0	
ILS1057	57	75.0	84.0	62.0	32.5	
ILS1058	58	75.0	85.0	54.0	30.0	B
ILS1059	59	75.0	86.0	62.0	32.5	
ILS1060	60	78.0	87.0	54.0	31.0	
ILS1062	62	78.0	89.0	62.0	35.5	B
ILS1063	63	80.0	91.0	54.0	36.0	
ILS1065	65	80.0	93.0	54.0	35.0	
ILS1070	70	85.0	98.0	54.0	35.0	B
ILS1073	73	87.0	102.0	62.0	40.0	
ILS1075	75	95.0	104.0	86.0	40.0	
ILS1076	76	98.0	106.0	86.0	43.0	B
ILS1080	80	100.0	109.0	86.0	47.0	
ILS1085	85	100.0	115.0	86.0	47.0	
ILS1090	90	105.0	125.0	86.0	47.0	B
ILS1095	95	105.0	130.0	86.0	50.0	
ILS10100	100	105.0	137.0	95.0	55.0	
ILS10105	105	105.0	143.0	95.0	55.0	B
ILS10110	110	105.0	147.0	95.0	55.0	
ILS10115	115	105.0	152.0	95.0	55.0	
ILS10120	120	110.0	160.0	95.0	60.0	B
ILS10125	125	115.0	165.0	95.0	63.0	

Item: 1/2" Dr. Impact Deep (Long) Socket

- Available in Metric and S.A.E.
- Impact socket is made by high quality CR-MO material
- Available in European and American type



Item No.	Size (mm)	L (mm)	D1 (mm)	D2 (mm)	W (mm)	Shape
IDS0408	8	78.0	14.0	25.0	12.0	A
IDS0409	9	78.0	15.0	25.0	12.0	
IDS0410	10	78.0	17.0	25.0	12.0	
IDS0411	11	78.0	18.0	25.0	13.0	
IDS0412	12	78.0	19.0	25.0	14.0	
IDS0413	13	78.0	20.0	25.0	14.0	
IDS0414	14	78.0	22.0	25.0	14.0	
IDS0415	15	78.0	23.0	30.0	16.0	
IDS0416	16	78.0	24.0	30.0	16.0	
IDS0417	17	78.0	26.0	30.0	17.0	
IDS0418	18	78.0	27.0	30.0	18.0	A
IDS0419	19	78.0	28.0	30.0	20.0	
IDS0420	20	78.0	29.0	30.0	20.0	
IDS0421	21	78.0	30.0	30.0	22.0	B
IDS0422	22	78.0	31.8	30.0	22.0	
IDS0423	23	78.0	31.8	30.0	24.0	
IDS0424	24	78.0	33.8	30.0	24.0	B
IDS0425	25	78.0	35.0	30.0	24.0	
IDS0426	26	78.0	35.8	30.0	25.0	
IDS0427	27	78.0	37.8	30.0	25.0	B
IDS0428	28	78.0	39.8	30.0	25.0	
IDS0429	29	78.0	39.8	30.0	25.0	
IDS0430	30	78.0	41.8	30.0	25.0	B
IDS0432	32	78.0	43.8	30.0	25.0	
IDS0433	33	78.0	44.8	30.0	25.0	
IDS0434	34	78.0	45.8	30.0	25.0	B
IDS0435	35	78.0	47.8	30.0	25.0	
IDS0436	36	78.0	49.8	30.0	25.0	
IDS0438	38	78.0	51.8	30.0	25.0	B
IDS0441	41	78.0	56.0	30.0	27.0	
IDS0446	46	78.0	62.0	38.0	27.0	

Item: 3/4" Dr. Impact Deep (Long) Socket

- Available in Metric and S.A.E.
- Impact socket is made by high quality CR-MO material
- Suitable for heavy duty use



Item No.	Size (mm)	L (mm)	D1 (mm)	D2 (mm)	W (mm)	Shape
IDS0613	13	90.0	22.0	38.0	12.0	A
IDS0614	14	90.0	25.5	38.0	12.0	
IDS0615	15	90.0	26.0	38.0	12.0	
IDS0616	16	90.0	27.5	38.0	12.0	
IDS0617	17	90.0	28.5	38.0	12.0	
IDS0618	18	90.0	29.5	38.0	12.0	
IDS0619	19	90.0	30.0	38.0	12.0	
IDS0620	20	90.0	31.0	38.0	12.0	
IDS0621	21	90.0	32.0	38.0	12.0	
IDS0622	22	90.0	34.0	38.0	19.0	
IDS0623	23	90.0	35.0	38.0	19.0	
IDS0624	24	90.0	36.0	38.0	19.0	B
IDS0625	25	90.0	38.0	38.0	19.0	
IDS0626	26	90.0	38.0	38.0	19.0	
IDS0627	27	90.0	40.0	40.0	19.0	
IDS0628	28	90.0	42.0	42.0	19.0	
IDS0629	29	90.0	42.0	42.0	19.0	
IDS0630	30	90.0	46.0	44.0	19.0	
IDS0632	32	90.0	48.0	44.0	19.0	
IDS0633	33	90.0	50.0	44.0	19.0	
IDS0634	34	90.0	51.0	44.0	19.0	C
IDS0635	35	90.0	52.0	44.0	19.0	
IDS0636	36	90.0	53.5	44.0	19.0	
IDS0637	37	90.0	54.0	44.0	19.0	
IDS0638	38	92.0	56.0	44.0	19.0	
IDS0639	39	92.0	56.0	44.0	40.0	
IDS0640	40	92.0	58.0	44.0	40.0	
IDS0641	41	92.0	60.0	44.0	40.0	
IDS0642	42	92.0	61.0	44.0	40.0	
IDS0643	43	92.0	63.0	44.0	40.0	
IDS0644	44	92.0	65.0	44.0	40.0	
IDS0645	45	92.0	66.0	44.0	40.0	
IDS0646	46	92.0	67.0	44.0	40.0	
IDS0647	47	92.0	68.0	44.0	40.0	
IDS0648	48	92.0	69.0	44.0	40.0	
IDS0649	49	92.0	70.0	44.0	40.0	
IDS0650	50	95.0	71.0	54.0	40.0	
IDS0652	52	95.0	74.0	54.0	40.0	
IDS0654	54	100.0	76.0	54.0	40.0	
IDS0655	55	100.0	77.0	54.0	40.0	
IDS0657	57	100.0	80.0	54.0	40.0	
IDS0658	58	105.0	82.0	54.0	40.0	
IDS0659	59	105.0	82.0	54.0	40.0	
IDS0660	60	105.0	84.0	54.0	40.0	
IDS0662	62	105.0	85.0	54.0	40.0	
IDS0665	65	105.0	88.0	54.0	40.0	
IDS0670	70	105.0	96.0	54.0	40.0	

Item: 1" Dr. Impact Deep (Long) Socket

- Available in Metric and S.A.E.
- Impact socket is made by high quality CR-MO material
- Suitable for heavy duty use
- Also available in 1-1/2" Dr.



Item No.	Size (mm)	L (mm)	D1 (mm)	D2 (mm)	W (mm)	Shape
IDS1017	17	90.0	34.0	51.0	16.0	A
IDS1018	18	90.0	35.0	51.0	16.0	
IDS1019	19	90.0	36.0	51.0	16.0	
IDS1020	20	90.0	37.0	51.0	16.0	
IDS1021	21	90.0	38.0	51.0	16.0	
IDS1022	22	90.0	39.0	51.0	16.0	
IDS1023	23	90.0	40.0	51.0	16.0	
IDS1024	24	90.0	40.5	51.0	16.0	
IDS1025	25	90.0	41.0	51.0	19.0	
IDS1026	26	90.0	42.5	51.0	19.0	
IDS1027	27	90.0	44.0	51.0	19.0	
IDS1028	28	90.0	45.0	51.0	19.0	
IDS1029	29	90.0	46.0	51.0	19.0	B
IDS1030	30	90.0	48.0	51.0	19.0	
IDS1032	32	90.0	51.0	51.0	19.0	B
IDS1033	33	90.0	53.0	52.0	30.0	C
IDS1034	34	90.0	54.0	54.0	30.0	B
IDS1035	35	90.0	54.0	54.0	30.0	
IDS1036	36	90.0	56.0	54.0	30.0	C
IDS1037	37	90.0	57.0	54.0	30.0	
IDS1038	38	92.0	58.0	54.0	30.0	
IDS1039	39	92.0	58.7	54.0	40.0	
IDS1040	40	92.0	60.0	54.0	40.0	
IDS1041	41	92.0	61.5	54.0	40.0	
IDS1042	42	92.0	63.0	54.0	40.0	
IDS1043	43	92.0	65.0	54.0	40.0	
IDS1044	44	92.0	65.0	54.0	40.0	
IDS1045	45	92.0	66.0	54.0	40.0	
IDS1046	46	92.0	68.0	54.0	40.0	
IDS1047	47	92.0	69.0	54.0	40.0	
IDS1048	48	92.0	70.0	54.0	40.0	
IDS1049	49	92.0	72.0	58.0	40.0	
IDS1050	50	95.0	73.0	54.0	40.0	
IDS1051	51	95.0	74.0	58.0	40.0	
IDS1052	52	95.0	75.0	58.0	52.0	
IDS1054	54	100.0	78.0	58.0	52.0	
IDS1055	55	100.0	79.0	54.0	52.0	
IDS1056	56	100.0	80.0	62.0	52.0	
IDS1057	57	100.0	84.0	62.0	52.0	
IDS1058	58	100.0	85.0	54.0	52.0	
IDS1059	59	105.0	86.0	62.0	52.0	
IDS1060	60	105.0	87.0	54.0	52.0	
IDS1062	62	110.0	89.0	62.0	60.0	
IDS1063	63	110.0	91.0	54.0	60.0	
IDS1065	65	120.0	93.0	54.0	60.0	
IDS1070	70	124.0	98.0	54.0	60.0	
IDS1073	73	128.0	102.0	62.0	60.0	
IDS1075	75	135.0	104.0	86.0	60.0	
IDS1076	76	135.0	106.0	86.0	60.0	
IDS1078	78	135.0	107.0	86.0	60.0	
IDS1080	80	135.0	109.0	86.0	75.0	
IDS1085	85	140.0	115.0	86.0	75.0	
IDS1090	90	140.0	125.0	86.0	75.0	
IDS1095	95	140.0	130.0	86.0	75.0	
IDS10100	100	140.0	137.0	95.0	75.0	
IDS10105	105	155.0	143.0	95.0	75.0	
IDS10110	110	155.0	147.0	95.0	75.0	
IDS10115	115	155.0	152.0	95.0	75.0	

Item: 2-In-1 Impact Sockets with 14 sizes

- Material: CR-MO
- Only need 7 impact sockets but with 14 sizes
- With 12 point designs, the sockets are high torque to fasten objects
- It's special and perfect for pole hardware installation and removal and construction works



1/2" Drive			
Item No.	Size (mm)	L (mm)	Weight (g)
TIS040810S	5/16" X 3/8"	78.5	120.0
TIS041310S	1/2" X 3/8"	78.5	120.0
TIS041611S	5/8" X 7/16"	78.5	170.0
TIS041914S	3/4" X 9/16"	78.5	230.0
TIS042217S	7/8" X 11/16"	78.5	250.0
TIS042521S	1" X 13/16"	78.5	320.0
TIS042924S	1-1/8" X 15/16"	78.5	330.0

Impact Bit Socket Set

Item: 8pcs 3/8"Dr. Impact Bit Socket Sets in 60mml

- Material: CR-MO
- Socket set is available with different assortment



Item No.	Contents
IHBS030801	8pcs 3/8"Dr. Impact Hex Bit Socket Set: H3-H4-H5-H6-H7-H8-H10-H12 in 60mml
IHBS030802	8pcs 3/8"Dr. Impact Hex Bit Socket Set: H5/32"-H3/16"-H7/32"-H1/4"-H9/32"-H5/16"-H3/8"-H7/16" in 60mml
ITBS030801	8pcs 3/8"Dr. Impact Torx Bit Socket Set: T20-T25-T27-T30-T40-T45-T50-T55 in 60mml

Item: 9pcs 3/8"Dr. Impact Bit Socket Sets in 60mml

- Material: CR-MO
- Socket set is available with different assortment



Item No.	Contents
IHBS030901	9pcs 3/8"Dr. Impact Hex Bit Socket Set: H3-H4-H5-H6-H7-H8-H10-H12-H14 in 60mml
IHBS030902	9pcs 3/8"Dr. Impact Hex Bit Socket Set: H5/32"-H3/16"-H7/32"-H1/4"-H9/32"-H5/16"-H3/8"-H7/16"-H1/2" in 60mml
ITBS030901	9pcs 3/8"Dr. Impact Torx Bit Socket Set: T15-T20-T25-T27-T30-T40-T45-T50-T55 in 60mml

Item: 8pcs 1/2"Dr. Impact Bit Socket Sets in 60mml

- Material: CR-MO
- Socket set is available with different assortment



Item No.	Contents
IHBS040804	8pcs 1/2"Dr. Impact Hex Bit Socket Set: H4-H5-H6-H8-H10-H12-H14-H17 in 60mml
IHBS040805	8pcs 1/2"Dr. Impact Hex Bit Socket Set: H5-H6-H8-H10-H12-H14-H17-H19 in 60mml
IHBS040806	8pcs 1/2"Dr. Impact Hex Bit Socket Set: H1/4"-H5/16"-H3/8"-H7/16"-H1/2"-H9/16"-H5/8"-H11/16" in 60mml
ITBS040804	8pcs 1/2"Dr. Impact Torx Bit Socket Set: T25-T27-T30-T40-T45-T50-T55-T60 in 60mml
ITBS040805	8pcs 1/2"Dr. Impact Torx Bit Socket Set: T30-T40-T45-T50-T55-T60-T70-T80 in 60mml

Item: 8pcs 1/2"Dr. Impact Bit Socket Sets in 77mml

- Material: CR-MO
- Socket set is available with different assortment



Item No.	Contents
IHBS040801	8pcs 1/2"Dr. Impact Hex Bit Socket Set: H4-H5-H6-H8-H10-H12-H14-H17 in 77mml
IHBS040802	8pcs 1/2"Dr. Impact Hex Bit Socket Set: H5-H6-H8-H10-H12-H14-H17-H19 in 77mml
IHBS040803	8pcs 1/2"Dr. Impact Hex Bit Socket Set: H1/4"-H5/16"-H3/8"-H7/16"-H1/2"-H9/16"-H5/8"-H11/16" in 77mml
ITBS040801	8pcs 1/2"Dr. Impact Torx Bit Socket Set: T25-T27-T30-T40-T45-T50-T55-T60 in 77mml
ITBS040802	8pcs 1/2"Dr. Impact Torx Bit Socket Set: T25-T30-T40-T45-T50-T55-T60-T70 in 77mml
ITBS040803	8pcs 1/2"Dr. Impact Torx Bit Socket Set: T30-T40-T45-T50-T55-T60-T70-T80 in 77mml
ISBS040801	8pcs 1/2"Dr. Impact Spline Bit Socket Set: M5-M6-M8-M10-M12-M14-M16-M18 in 77mml
IRBS040801	8pcs 1/2"Dr. Impact Ribe Bit Socket Set: RM5-RM6-RM7-RM8-RM10-RM12-RM13-RM14 in 77mml

Item: 10pcs 1/2"Dr. Impact Bit Socket Sets in 77mml

- Material: CR-MO
- Socket set is available with different assortment



Item No.	Contents
IHBS041001	10pcs 1/2"Dr. Impact Hex Bit Socket Set: H4-H5-H6-H7-H8-H10-H12-H14-H17-H19 in 77mml
IHBS041002	10pcs 1/2"Dr. Impact Hex Bit Socket Set: H1/4"-H9/32"-H5/16"-H3/8"-H7/16"-H1/2"-H9/16"-H5/8"-H11/16"-H3/4" in 77mml
ITBS041001	10pcs 1/2"Dr. Impact Torx Bit Socket Set: T15-T20-T25-T27-T30-T40-T45-T50-T55-T60 in 77mml
ITBS041002	10pcs 1/2"Dr. Impact Torx Bit Socket Set: T20-T25-T30-T40-T45-T50-T55-T60-T70-T80 in 77mml
ISBS041001	10pcs 1/2"Dr. Impact Spline Bit Socket Set: M4-M5-M6-M8-M9-M10-M12-M14-M16-M18 in 77mml
IRBS041001	10pcs 1/2"Dr. Impact Ribe Bit Socket Set: RM4-RM5-RM6-RM7-RM8-RM9-RM10-RM12-RM13-RM14 in 77mml

Item No.: ISBS040601
6pcs 1/2"Dr. Impact Spline Bit Socket Set in 42 & 77mml

- Material: CR-MO
- Socket set is available with different assortment



Item No.	Contents
ISBS040601	6pcs 1/2"Dr. Impact Spline Bit Socket Set: M14-M16-M18 in 42mml and 77mml

Item No.: IHBS060601
6pcs 3/4"Dr. Impact Hex Bit Socket Set in 61mml



Item No.	Contents
IHBS060601	6pcs 3/4"Dr. Impact Hex Bit Socket Set: H14-H17-H19-H21-H22-H24 in 61mml

Item No.: ISTBS060601
6pcs 3/4"Dr. Impact Spline & Torx Bit Socket Set in 61mml

- Material: CR-MO
- Socket set is available with different assortment



Item No.	Contents
ISTBS060601	6pcs 3/4"Dr. Impact Spline & Torx Bit Socket Set: M16-M18-T80-T90-T100 in 61mml

Item No: ISBS0203801
8pcs 1/4 Inch & 3/8 Inch dr. Super Short Impact Spline Bit Socket Set

- Spline bit socket material is CR-MO
- Super short design and great for DIY
- Spline bit socket is also designed to directly use by wrench



4-1/4" Dr. Impact Spline Bit Sockets: M4-M5-M6-M8 in 20mml
4-3/8" Dr. Impact Spline Bit Sockets: M10-M12-M14-M16 in 25mml

Item No: ITBS0203041201
12pcs 1/4 Inch, 3/8 Inch & 1/2 Inch dr. Super Short Impact Torx Bit Socket Set

- Torx bit socket material is CR-MO
- Super short design and great for DIY



6-1/4" Dr. Impact Torx Bit Sockets: T10-T15-T20-T25-T27-T30 in 20mm
4-3/8" Dr. Impact Torx Bit Sockets: T40-T45-T47-T50 in 26mm
1-3/8" Dr. Impact Torx Bit Sockets: T55 in 30mm
1-1/2" Dr. Impact Torx Bit Sockets: T60 in 38mm

Impact Accessories

Item: Impact Extension Bar

- Material: CR-MO
- Available in different size



1/4" Dr. Impact Extension Bar		
Item No.	Size	L (mm)
IEB0202	2"	50
IEB0204	4"	100
IEB0206	6"	150

3/8" Dr. Impact Extension Bar		
Item No.	Size	L (mm)
IEB0303	3"	75
IEB0306	6"	150
IEB0310	10"	250

1/2" Dr. Impact Extension Bar		
Item No.	Size	L (mm)
IEB0402	2"	50
IEB0403	3"	75
IEB0405	5"	125
IEB0407	7"	175
IEB0410	10"	250
IEB0412	12"	300
IEB0418	18"	455
IEB0424	24"	610

3/4" Dr. Impact Extension Bar		
Item No.	Size	L (mm)
IEB0604	4"	100
IEB0606	6"	150
IEB0607	7"	175
IEB0608	8"	200
IEB0610	10"	250
IEB0613	13"	330
IEB0616	16"	400

1" Dr. Impact Extension Bar		
Item No.	Size	L (mm)
IEB1004	4"	100
IEB1007	7"	175
IEB1008	8"	200
IEB1010	10"	250
IEB1013	13"	330
IEB1016	16"	400

Item: Impact Adapter

- Material: CR-MO
- Available in different size



Item No.	Size	L (mm)	D (mm)
IAD0203	1/4"F X 3/8"M	27	13
IAD0302	3/8"F X 1/4"M	32	22
IAD0304	3/8"F X 1/2"M	37	22
IAD0403	1/2"F X 3/8"M	38	25
IAD0406	1/2"F X 3/4"M	48	30
IAD0604	3/4"F X 1/2"M	58	38
IAD0610	3/4"F X 1"M	64	44
IAD1006	1"F X 3/4"M	68	50

Item: Impact Universal Joint

- Material: CR-MO
- Available in different size



Item No.	Size	D	L (mm)
IUJ02	1/4" Dr.	16	37
IUJ03	3/8" Dr.	22	50
IUJ04	1/2" Dr.	25	29
IUJ06	3/4" Dr.	44	90
IUJ10	1" Dr.	54	110

Impact Bolt Nut Extractor Socket

Item No.: IBNES04

Impact Bolt Nut Extractor Socket

- Material is CR-MO
- Impact bolt nut extractor sockets are available with different sizes and suitable to use with air impact wrench, air ratchet wrench, ratchet handle and etc.
- Perfect to remove the corroded, slippery, worn or completed rounded bolts, nuts and screws
- Available with impact remover (impact pin)



Item No.	Size (mm)	Hex Drive (mm)	L (mm)
IBNES0410	10 (3/8")	22	40
IBNES0411	11 (7/16")	22	40
IBNES0413	13 (1/2")	22	40
IBNES0415	15 (19/32")	22	40
IBNES0417	17 (11/16")	22	40
IBNES0419	19 (3/4")	22	40
IBNES0421	21 (13/16")	22	40
IBNES0422	22 (7/8")	22	40
IBNES0424	24 (15/16")	22	40

Item No.: WEISS040301

3pcs 1/2" Dr. Wheel Nut Extractor Impact Socket Set

- Wheel nut impact socket material is CR-MO
- Wheel nut impact socket can use with bolt nut extractor socket to remove corroded or worn bolts and nuts
- Available with impact remover (impact pin)



3-1/2" Dr. Wheel Nut Impact Socket: 17-19-21mm in 85mm
3-1/2" Dr. Impact Bolt Nut Extractor Socket: 17-19-21mm
1-Impact Remover (Impact Pin)



Air Screwdrivers

Item No.: PSA02T01

Mini Composite Air Screwdriver

- Handle Exhaust
- This air screwdriver is good for deep groove bits slot



Chunk Size	1/4"
Bolt Capacity	5 mm
Free Speed	13,000 RPM
Impact Type	Two Hammer
Working Torque	30 ft-lb (40 Nm)
Max. Torque	50 ft-lb (68 Nm)
Air Consumption	3 CFM, 84 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Sound Pressure	85 dB(A)
Vibration Level	< 2.5 m/s ²
Net Weight	0.7 kg (1.5 lb)
Overall Length	170 mm (6.69")
Package	20pcs/ctn, 16kg/17kg, 1.2 cu'ft

Item No.: PSA02T02

Mini Direct Driver Type Air Screwdriver

- Handle Exhaust
- This air screwdriver is good for self tapping screws



Cylinder Power	0.38 hp (283w)
Screw Capacity	4 mm
Free Speed	1900 RPM
Air Consumption	3 CFM, 84 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Vibration Level	< 2.5 m/s ²
Sound Pressure	83 dB(A)
Net Weight	0.75 kg (1.76 lb)
Overall Length	170 mm (6.63")
Package	20pcs/ctn, 18.1kg/19.1kg, 1.2 cu'ft

Item No.: PSA02T03

Two Pinless Hammer Aluminum Air Screwdriver

- This air screwdriver is Handle Exhaust
- With the pinless design, the life time is better and easy to maintain



Screw Capacity	6~8 mm
Clutch Type	Two Pinless Hammer
Free Speed	10,000 RPM
Working Torque	50 ft-lb, 58 Nm/2 s
Air Consumption	4 CFM, 113 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Vibration Level	5.1 m/s ²
Sound Pressure	97 dB(A)
Net Weight	1.2 kg (2.60 lb)
Overall Length	165 mm (6.4")
Package	10pcs/ctn, 14.5kg/15.1kg, 1.3 cu'ft

Item No.: PSB02T01

Air Screwdriver

- 360 Free Rotating Handle Exhaust



Chunk Size	4~6 mm
Free Speed	14,000 RPM
Clutch Type	Twin dog
Max. Torque	73 ft-lb (100 Nm)
Min. Hose Size	3/8" (10 mm)
Air Consumption	2.4 CFM, 67.96 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Net Weight	0.7 kg (1.5 lb)
Overall Length	185 mm (7.2")
Package	20pcs/ctn, 16.5kg/17.5kg, 0.96 cu'ft

Item No.: PSB02T02
6~10 mm Air Screwdriver



Chunk Size	6~10 mm
Free Speed	10,000 RPM
Clutch Type	Twin dog
Max. Torque	103 ft-lb (140 Nm)
Min. Hose Size	3/8" (10 mm)
Air Consumption	3.4 CFM, 96.28 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Net Weight	1.1 kg (2.4 lb)
Overall Length	205 mm (8")
Package	12pcs/ctn, 13.5kg/14.5kg, 0.8 cu'ft

Item No.: PSB02T03
Aluminum Air Screwdriver

- This air screwdriver is Rear Exhaust
- This air screwdriver is for deep groove bits slot



Screw Capacity	5 mm
Free Speed	12,000 RPM
Clutch Type	Two Hammer
Working Torque	30 ft-lb (40 Nm)
Max. Torque	50 ft-lb (68 Nm)
Air Consumption	3 CFM, 84 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Vibration Level	< 2.5 m/s ²
Sound Pressure	85 dB(A)
Net Weight	0.7 kg (1.5 lb)
Overall Length	196 mm (7.72")
Package	20pcs/ctn, 16.0kg/17.0kg, 1.2 cu'ft

Item No.: PSB02T04
Aluminum Air Screwdriver



- This air screwdriver is Rear Exhaust
- Better life time with great material of two hammer clutch type

Screw Capacity	5 mm
Clutch Type	Two Hammer
Free Speed	12,000 RPM
Working Torque	50 ft-lb, 68 Nm/5 s
Air Consumption	4 CFM, 113 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Vibration Level	3.0 m/s ²
Sound Pressure	85 dB(A)
Net Weight	0.82 kg (1.80 lb)
Overall Length	207 mm (8.1")
Package	20pcs/ctn, 20.0kg/21.0kg, 1.1 cu'ft

Item No.: PSB02T05
4~5 mm Aluminum Air Screwdriver

- This air screwdriver is Side Exhaust
- Good working torque and life time



Screw Capacity	4~5 mm
Clutch Type	Two Hammer
Free Speed	13,500 RPM
Working Torque	50 ft-lb, 68 Nm/5 s
Air Consumption	2.8 CFM, 79 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Vibration Level	3.7 m/s ²
Sound Pressure	90 dB(A)
Net Weight	0.68 kg (1.50 lb)
Overall Length	175 mm (6.8")
Package	20pcs/ctn, 15.0kg/15.6kg, 1.0 cu'ft

Item No.: PSB02T06

Aluminum Air Screwdriver

- This air screwdriver is Front Exhaust
- Better life time with great material of two hammer clutch type



Screw Capacity	6~8 mm
Clutch Type	Two Hammer
Free Speed	9,000 RPM
Working Torque	100 ft-lb, 136 Nm/5 s
Air Consumption	4.0 CFM, 113 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Vibration Level	5.1 m/s ²
Sound Pressure	97 dB(A)
Net Weight	1.00 kg (2.20 lb)
Overall Length	201.9 mm (7.9")
Package	20pcs/ctn, 24.0kg/25.0kg, 1.1 cu'ft

Item No.: PSB02T07

Side Exhaust Aluminum Air Screwdriver

- This air screwdriver is Side Exhaust
- Good working torque and life time



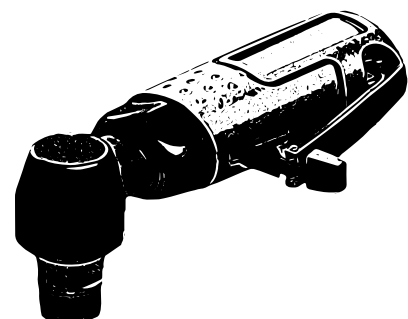
Screw Capacity	6~8 mm
Clutch Type	Two Hammer
Free Speed	8,500 RPM
Working Torque	90 ft-lb, 122 Nm/5 s
Air Consumption	4.0 CFM, 113 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Vibration Level	4.9 m/s ²
Sound Pressure	90 dB(A)
Net Weight	0.94 kg (2.10 lb)
Overall Length	188 mm (7.3")
Package	20pcs/ctn, 21.0kg/21.6kg, 1.0 cu'ft

Item No.: PSB02E01

1/4" Air Screwdriver



Chunk Size	1/4"
Bolt Capacity	8~10 mm
Free Speed	9,000 RPM
Clutch Type	Embracing Hammer
Max. Torque	106 ft-lb (216 Nm)
Air Consumption	7.06 CFM, 200 L/min
Air Inlet	1/4"
Net Weight	1 kg (2.2 lb)
Overall Length	196 mm (7.72")
Package	10pcs/ctn, 11.7kg/12.5kg, 0.55 cu'ft



Air Die Grinders and Angle Grinders

Item No.: PDG0302

1/8" 3 mm Chuck Size Air Die Grinder



- This die grinder is Side Exhaust
- Available with 251mm (9.8") and 429mm (16.7") extension

Chuck Size	3 mm (1/8")
Free Speed	30,000 RPM
Cylinder Power	0.21 HP, 157W
Air Consumption	3.0 CFM, 85 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	1/4"
Sound Pressure	85 dB(A)
Vibration Level	2.7 m/s ²
Net Weight	0.45 kg (1.00 lb)
Overall Length	151 mm (5.9")
Package	20pcs/ctn, 16.4kg/17.0kg, 1.1 cu'ft

Item No.: PDG0601

1/4" Industrial Die Grinder



- 360 degree adjust side exhaust

Chuck Size	6 mm (1/4")
Free Speed	20,000 RPM
Cylinder Power	0.45 HP, 336W
Air Consumption	4.5 CFM, 127 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	84.5 dB(A)
Vibration Level	<2.5 m/s ²
Net Weight	0.7 kg (1.5 lb)
Overall Length	165 mm (6.49")
Package	20pcs/ctn, 18kg/19kg, 1.1 cu'ft

Item No.: PDG0601-5L
6mm 5" (127mm) Extension
Industrial Die Grinder

- Side Exhaust



Chuck Size	6 mm (1/4")
Free Speed	18,000 RPM
Cylinder Power	0.45 HP, 336W
Air Consumption	4.5 CFM, 127 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	84.5 dB(A)
Vibration Level	<2.5 m/s ²
Net Weight	1.1 kg (2.42 lb)
Overall Length	320 mm (12.59")
Package	20pcs/ctn, 27kg/28kg, 1.7 cu'ft

Item No.: PDG0601S
6 mm Chuck Size Industrial
Die Grinder

- 360 degree adjust side exhaust
- This die grinder is with rotary switch



Chuck Size	6 mm (1/4")
Free Speed	20,000 RPM
Cylinder Power	0.45 HP, 336W
Air Consumption	4.5 CFM, 127 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	84.5 dB(A)
Vibration Level	<2.5 m/s ²
Net Weight	0.7 kg (1.5 lb)
Overall Length	175 mm (6.88")
Package	20pcs/ctn, 18kg/19kg, 1.1 cu'ft

Item No.: PDG0601S-5L
6mm 5" (127mm) Extension
Industrial Die Grinder with
rotary switch

- Side Exhaust
- This die grinder is with rotary switch



Chuck Size	6 mm (1/4")
Free Speed	18,000 RPM
Cylinder Power	0.45 HP, 336W
Air Consumption	4.5 CFM, 127 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	84.5 dB(A)
Vibration Level	<2.5 m/s ²
Net Weight	1.1 kg (2.42 lb)
Overall Length	330 mm (12.99")
Package	20pcs/ctn, 27kg/28kg, 1.7 cu'ft

Item No.: PDG0602
1/4" Die Grinder

- Rear Exhaust



Chuck Size	6 mm (1/4")
Free Speed	25,000 RPM
Cylinder Power	0.3 HP, 224W
Air Consumption	3 CFM, 84 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	82.5 dB(A)
Vibration Level	<2.5 m/s ²
Net Weight	0.39 kg (0.85 lb)
Overall Length	145 mm (5.66")
Package	20pcs/ctn, 13kg/14kg, 1.1 cu'ft

Item No.: PDG0602-5L

6mm 5" (127mm) Extension Die Grinder

- Rear Exhaust
- This die grinder is also available with 3" (76mm) extension



Chuck Size	6 mm (1/4")
Free Speed	23,000 RPM
Cylinder Power	0.3 HP, 224W
Air Consumption	3 CFM, 84 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	80.5 dB(A)
Vibration Level	<2.5 m/s ²
Net Weight	0.66 kg (1.45 lb)
Overall Length	268 mm (10.55")
Package	20pcs/ctn, 18.6kg/19.6kg, 1.7 cu'ft

Item No.: PDG0603

1/4" (6mm) or 1/8" (3mm) Die Grinder

- Perfect for many automotive and industrial high speed grinding applications
- Can use with 1/4" (6mm) or 1/8" (3mm) grinding accessories



Collet Size	6 mm (1/4")
Free Speed	22,000 RPM
Air Consumption	3.5 CFM, 99.12 L/min
Min. Hose Size	3/8" (10 mm)
Air Inlet	1/4"
Net Weight	0.6 kg (1.3 lb)
Overall Length	178 mm (7")
Package	12pcs/ctn, 9.0kg/9.8kg, 0.8 cu'ft

Item No.: PDG0604

1/4" Heavy Duty Die Grinder

- This die grinder is 360 degree adjust side exhaust
- With two front bearing design to withstand the heavy duty



Chuck Size	6 mm (1/4")
Free Speed	20,000 RPM
Cylinder Power	0.5 HP, 373W
Air Consumption	3.5 CFM, 99 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	80 dB(A)
Vibration Level	0.5 m/s ²
Net Weight	0.62 kg (1.36 lb)
Overall Length	188 mm (7.33")
Package	20pcs/ctn, 17.4kg/18.4kg, 1.1 cu'ft

Item No.: PDG0605/ PDG0301

6 mm or 3mm Air Die Grinder

- The collect (chuck) capacity is available with 6mm (1/4") or 8mm (1/8")



Chuck Size	6 mm (1/4") or 3mm (1/8")
Free Speed	23,000 RPM
Cylinder Power	0.5 HP, 373W
Air Consumption	12.36 CFM, 350 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Net Weight	0.6 kg (1.32 lb)
Overall Length	118 mm (4.65")

Item No.: PDG0606

1/4" Air Die Grinder

- This die grinder is with rotary switch

Chuck Size	6 mm (1/4")
Free Speed	20,000 RPM
Cylinder Power	0.9HP, 671.14W
Air Consumption	9.89CFM, 280 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Net Weight	0.55 kg (1.21 lb)
Overall Length	170 mm (6.69")



Item No.: PDG0607

1/4" Mini Pistol Die Grinder

- This die grinder is Handle Exhaust

Chuck Size	6 mm (1/4")
Free Speed	17,000 RPM
Cylinder Power	0.35 HP, 260.9W
Air Consumption	3.0 CFM, 84 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	83 dB(A)
Vibration Level	<2.5 m/s ²
Net Weight	0.50 kg (1.10 lb)
Overall Length	120 mm (4.68")
Package	20pcs/ctn, 14.0kg/15.0kg, 1.2 cu'ft



Item No.: PDG0608

1/4" 6 mm Chuck Size Air Die Grinder

- This die grinder is Side Exhaust
- For 6mm chuck size, it's good to use in the manufacturing industry, workshop and etc.

Chuck Size	6 mm (1/4")
Free Speed	24,000 RPM
Cylinder Power	0.35 HP, 260.9W
Air Consumption	3.8 CFM, 108 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	86 dB(A)
Vibration Level	2.5 m/s ²
Net Weight	0.52 kg (1.10 lb)
Overall Length	151 mm (5.9")
Package	20pcs/ctn, 16.4kg/17.0kg, 1.1 cu'ft



Item No.: PDG0609

1/4" Mini Die Grinder

- This die grinder is Rear Exhaust
- The cylinder power is 0.3HP but with short body length design
- Rotor five blade design with low noise and low vibration

Chuck Size	6 mm (1/4")
Free Speed	25,000 RPM
Cylinder Power	0.3 HP, 223.7W
Air Consumption	3.0 CFM, 84 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	82.5 dB(A)
Vibration Level	0.5 m/s ²
Net Weight	0.29 kg (0.64 lb)
Overall Length	115 mm (4.53")



Item No.: PDG0609-3L 1/4" Mini Die Grinder with 3" Extension

- This die grinder is Rear Exhaust
- The cylinder power is 0.3HP but with short body length design
- Rotor five blade design with low noise and low vibration



Chuck Size	6 mm (1/4")
Free Speed	25,000 RPM
Cylinder Power	0.3 HP, 223.7W
Air Consumption	3.0 CFM, 84 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	82.5 dB(A)
Vibration Level	0.5 m/s ²
Net Weight	0.40 kg (0.88 lb)
Overall Length	190 mm (7.48")

Item No.: PDG0609-5L 1/4" Mini Die Grinder with 5" Extension

- This die grinder is Rear Exhaust
- The cylinder power is 0.3HP but with short body length design
- Rotor five blade design with low noise and low vibration



Chuck Size	6 mm (1/4")
Free Speed	25,000 RPM
Cylinder Power	0.3 HP, 223.7W
Air Consumption	3.0 CFM, 84 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	82.5 dB(A)
Vibration Level	0.5 m/s ²
Net Weight	0.60 kg (1.32 lb)
Overall Length	241 mm (9.49")

Item No.: PDG0610 1/4" Angle Die Grinder

- Perfect for many automotive and industrial high speed grinding applications
- Can use with 1/4" (6mm) or 1/8" (3mm) grinding accessories



Collet Size	6 mm (1/4")
Free Speed	18,000 RPM
Air Consumption	3.5 CFM, 99.12 L/min
Min. Hose Size	3/8" (10 mm)
Air Inlet	1/4"
Net Weight	0.7 kg (1.5 lb)
Overall Length	178 mm (7")
Package	12pcs/ctn, 11kg/12kg, 0.8 cu'ft

Item No.: PDG0611 1/4" Heavy Duty Angle Die Grinder

- 360 degree adjust side exhaust



Collet Size	6mm (1/4")
Free Speed	14,000 RPM
Cylinder Power	0.5 HP, 373W
Air Consumption	3.5 CFM, 99 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	80 dBA
Vibration Level	5.0 m/s ²
Net Weight	0.73 kg (1.61 lb)
Overall Length	185 mm (7.21")
Package	20pcs/ctn, 19.6kg/20.6kg, 1.1 cu'ft

Item No.: PDG0612/ PDG0303 1/4" or 1/8" Angle Die Grinder

- This angle die grinder is with lock function



Chuck Size	6 mm (1/4") or 3mm (1/8")
Free Speed	18,000 RPM
Cylinder Power	0.5 HP, 373W
Air Consumption	12.36 CFM, 350 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Net Weight	0.75 kg (1.65 lb)

Item No.: PDG0613 1/4" Air Angle Die Grinder

- This angle die grinder is Rear Exhaust



Collet Size	6mm (1/4")
Free Speed	20,000 RPM
Cylinder Power	0.3 HP, 223.7W
Air Consumption	3.0 CFM, 84 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	80.5 dBA
Vibration Level	5.9 m/s ²
Net Weight	0.50 kg (1.10 lb)
Overall Length	150 mm (5.90")
Package	20pcs/ctn, 15.0kg/16.0kg, 1.1 cu'ft

Item No.: PDG0614 1/4" Mini Air Angle Die Grinder

- This angle die grinder is Rear Exhaust
- The cylinder power is 0.3HP but with short body length design
- Rotor five blade design with low noise and low vibration



Collet Size	6mm (1/4")
Free Speed	18,000 RPM
Cylinder Power	0.3 HP, 223.7W
Air Consumption	3.0 CFM, 84 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	81.5 dBA
Vibration Level	2.5 m/s ²
Net Weight	0.43 kg (0.95 lb)
Overall Length	126 mm (4.96")

Item No.: PDG0614-5L 1/4" 5" Extension Mini Air Angle Die Grinder

- This angle die grinder is Rear Exhaust
- The cylinder power is 0.3HP but with short body length design
- Rotor five blade design with low noise and low vibration



Collet Size	6mm (1/4")
Free Speed	18,000 RPM
Cylinder Power	0.3 HP, 223.7W
Air Consumption	3.0 CFM, 84 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	81.5 dBA
Vibration Level	2.5 m/s ²
Net Weight	0.69 kg (1.52 lb)
Overall Length	252 mm (9.92")

Item No.: PDG0615-2L

1/4" Industry Air Angle Steel Die Grinder with 2" Extension

- The air die grinder is 360 adjustable side exhaust
- The air die grinder sets the grinding head in 90 degree to the tool body to work in corners or in the tight spaces
- Great to use in the industrial site, automobile maintenance and repair and petrochemical



Collet Size	6mm (1/4")
Free Speed	12,000 RPM
Cylinder Power	1.0 HP, 745.7W
Air Consumption	10.0 CFM, 282 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	83.5 dBA
Vibration Level	5.0 m/s ²
Net Weight	1.90 kg (4.18 lb)
Overall Length	264 mm (10.29")

Item No.: PDG0616

1/4" Industry Air Angle Steel Die Grinder

- The air die grinder is 360 adjustable side exhaust
- The air die grinder sets the grinding head in 90 degree to the tool body to work in corners or in the tight spaces
- Available with rotary switch
- Great to use in the industrial site, automobile maintenance and repair and petrochemical



Collet Size	6mm (1/4")
Free Speed	14,000 RPM
Cylinder Power	0.5 HP, 372.8W
Air Consumption	5.0 CFM, 141 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	83.5 dBA
Vibration Level	5.0 m/s ²
Net Weight	1.30 kg (2.86 lb)
Overall Length	216 mm (8.43")

Item No.: PDG0617-5L

1/4" Heavy Duty Air Die Grinder with 5" Extension

- The air die grinder is rear 360 adjustable side exhaust
- Use motor five blade design to have higher torque output
- Front bearing design to reduce vibration and with steady output
- Great to use in the industrial site and automobile maintenance and repair



Collect Size	6 mm (1/4")
Free Speed	22,000 RPM
Cylinder Power	0.30 HP, 223.7W
Air Consumption	3.0 CFM, 84 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	81.5 dB(A)
Vibration Level	0.5 m/s ²
Net Weight	0.74 kg (1.63 lb)
Overall Length	288 mm (11.23")
Package	20pcs/ctn, 19.6kg/20.6kg, 1.7 cu'ft

Item No.: PDG0618-5L

1/4" Heavy Duty Air Die Grinder with 5" Extension

- The air die grinder is rear 360 adjustable side exhaust
- Use motor five blade design to have higher torque output
- Front bearing design to reduce vibration and with steady output
- Great to use in the industrial site and automobile maintenance and repair



Collect Size	6 mm (1/4")
Free Speed	18,000 RPM
Cylinder Power	0.50 HP, 372.9W
Air Consumption	3.5 CFM, 99 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	80.0 dB(A)
Vibration Level	0.5 m/s ²
Net Weight	0.93 kg (2.05 lb)
Overall Length	303 mm (11.81")
Package	20pcs/ctn, 23.6kg/24.6kg, 1.7 cu'ft

Item No.: PDG0801-5L

8mm 5" (127mm) Extension Industrial Steel Die Grinder

- 360 degree adjust side exhaust
- This die grinder is available with rotary switch
- This die grinder is available with 16" (406mm) and 33" (838mm) extension



Chuck Size	8 mm (3/8")
Free Speed	22,000 RPM
Cylinder Power	1 HP, 745W
Air Consumption	10 CFM, 282 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	83.5 dB(A)
Vibration Level	<2.5 m/s ²
Net Weight	1.65 kg (3.63 lb)
Overall Length	315 mm (12.28")
Package	12pcs/ctn, 27.7kg/28.7kg, 1 cu'ft

Item No.: PAG0201

2" Air Angle Grinder

- The angle grinder is rear exhaust



Wheel Size	2" (50mm)
Spindle Thread	1/4"-28
Free Speed	15,000 RPM
Cylinder Power	0.5 HP, 373W
Air Consumption	4.2 CFM, 119 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	88 dBA
Vibration Level	3.6 m/s ²
Net Weight	0.64 kg (1.40 lb)
Overall Length	168 mm (6.60")
Package	20pcs/ctn, 16.4kg/17.0kg, 1.1 cu'ft

Item No.: PAG0301

3" Industry Steel Air Angle Grinder

- The air angle grinder is 360 adjustable side exhaust
- The air angle grinder sets the head in 90 degrees to the tool body and uses the small diameter wheels for detailed work.
- Great to use in the industrial site, automobile maintenance and repair and petrochemical



Wheel Size	3" (75mm)
Free Speed	14,000 RPM
Cylinder Power	0.5 HP, 372.9W
Spindle Thread	3/8"~24UNF
Air Consumption	5.0 CFM, 141 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	83.5 dBA
Vibration Level	4.5 m/s ²
Net Weight	1.30 kg (2.86 lb)
Overall Length	223 mm (8.85")
Package	20pcs/ctn, 31.0kg/32.0kg, 1.1 cu'ft

Item No.: PAG0401

4" Mini Angle Grinder

- This pneumatic angle grinder is Side Exhaust
- This pneumatic angle grinder is with rotary switch



Wheel Size	4" (100mm)
Free Speed	10,500 RPM
Cylinder Power	0.6 HP, 447W
Air Consumption	4.0 CFM, 113 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	84 dBA
Vibration Level	6m/s ²
Net Weight	1.2 kg (2.6 lb)
Overall Length	185 mm (7.21")
Package	10pcs/ctn, 20kg/21kg, 1.1 cu'ft

Item No.: PAG0402

4" Angle Grinder

- The pneumatic angle grinder includes removable side handle
- This pneumatic angle grinder is available in safety-lock throttle level



Wheel Size	4" (100mm)
Spindle Thread	3/8"-24, M10*1.5
Free Speed	10,000 RPM
Air Consumption	4 CFM, 113.28 L/min
Min. Hose Size	3/8" (10 mm)
Air Inlet	1/4"
Net Weight	1.4 kg (3.1 lb)
Overall Length	244 mm (9.6")
Package	10pcs/ctn, 15.4kg/16kg, 1.2 cu'ft

Item No.: PAG0501

5" Heavy Duty Angle Grinder

- This pneumatic angle grinder is Front Exhaust
- This pneumatic angle grinder is with rotary switch



Wheel Size	5" (125mm)
Free Speed	9,500 RPM
Cylinder Power	0.8 HP, 596W
Air Consumption	6 CFM, 169 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	82 dBA
Vibration Level	6.5m/s ²
Net Weight	1.8 kg (3.9 lb)
Overall Length	230 mm (9.05")
Package	10pcs/ctn, 20kg/21kg, 1.1 cu'ft

Item No.: PAG0502

5" Heavy Duty Angle Grinder

- Great cylinder power to 2.3 HP
- Life cycle test up to 30,000 times on-site test
- With LOCK function so don't need to press the bottom while continuous using
- Use Japan made NSK bearing



Wheel Size	5" (125mm)
Spindle Thread	5/8"-11 or M14X2
Free Speed	12,000 RPM
Cylinder Power	2.3 HP, 1715.1W
Air Consumption	6.9 CFM, 195.4 L/min
Air Pressure	90 PSI
Air Inlet	1/2"
Air Hose I.D.	3/8"
Sound Pressure	95 dBA
Vibration Level	5.2 m/s ²
Net Weight	1.87 kg (4.1 lb)
Overall Length	234 mm (9.21")
Package	10pcs/ctn, 24.0kg/25.8kg, 3.5 cu'ft

Item No.: PAG0701

7" Heavy Duty Angle Grinder

- This pneumatic angle grinder is Side Exhaust
- This pneumatic angle grinder is with rotary switch



Wheel Size	7" (180mm)
Free Speed	9,500 RPM
Cylinder Power	1 HP, 745W
Air Consumption	8 CFM, 226 L/min
Air Pressure	90 PSI
Air Inlet	1/4"
Air Hose I.D.	3/8"
Sound Pressure	80 dBA
Vibration Level	7m/s ²
Net Weight	3.3 kg (7.2 lb)
Overall Length	270 mm (10.62")
Package	6pcs/ctn, 24.2kg/25.2kg, 1.8 cu'ft

Item No.: PAG0702

7" Heavy Duty Angle Grinder

- Great cylinder power to 2.3 HP
- Life cycle test up to 30,000 times on-site test
- With LOCK function so don't need to press the bottom while continuous using
- Use Japan made NSK bearing



Wheel Size	7" (180mm)
Spindle Thread	5/8"-11 or M14X2
Free Speed	7,600 RPM
Cylinder Power	2.3 HP, 1715.1W
Air Consumption	6.0 CFM, 169.9 L/min
Air Pressure	90 PSI
Air Inlet	1/2"
Air Hose I.D.	3/8"
Sound Pressure	95 dBA
Vibration Level	5.2 m/s ²
Net Weight	2.00 kg (4.41 lb)
Overall Length	234 mm (9.21")
Package	10pcs/ctn, 25.0kg/26.0kg, 3.5 cu'ft



Air Drills and Air Scissors

Item No.: PD0201

1/4" Mini Composite Reversible Pneumatic (Air) Drills

- Handle exhaust
- Gear type: three gear
- Lightweight and ergonomic housing design
- Unique switch design can be actuated by thumb and easy to operate with ONE hand



Chuck Size	1/4"(6mm)
Cylinder Power	0.38 HP, 283 W
Free Speed	1,900 RPM
Average Air Consumption	3 CFM, 84 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Sound Pressure	83 dB(A)
Vibration Level	<2.5 m/s ²
Net Weight	0.8 kg (1.76 lb)
Overall Length	174mm (6.78")
Package	20pcs/ctn, 19.1kg/20.1kg, 1.2 cu'ft

Item No.: PD0202

1/4" Pneumatic (Air) Drills

- 360° adjust side exhaust
- Two front bearing



Chuck Size	1/4"(6mm)
Cylinder Power	0.3 HP, 224 W
Free Speed	25,000 RPM
Average Air Consumption	3 CFM, 84 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Sound Pressure	81.5 dB(A)
Vibration Level	0.5 m/s ²
Net Weight	0.53 kg (1.16 lb)
Overall Length	186mm (7.25")
Package	20pcs/ctn, 15.6kg/16.6kg, 1.1 cu'ft

Item No.: PD0203

1/4" Pneumatic (Air) Drills



Chuck Size	1/4"(6mm)
Free Speed	7,000 RPM
Average Air Consumption	4.59 CFM, 130 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Net Weight	0.5 kg (1.1 lb)
Overall Length	145mm (5.71")

Item No.: PD0204

1/4" Air Angle Drill



Chuck Size	1/4"(6mm)
Free Speed	5,000 RPM
Average Air Consumption	4.59 CFM, 130 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Net Weight	0.62 kg (1.37 lb)
Overall Length	143mm (5.63")

Item No.: PD0205

1/4" Mini Low Speed Pneumatic (Air) Drills

- This drill is rear exhaust
- The cylinder power is 0.3HP but with short body length design
- Rotor five blade design with low noise and low vibration



Chuck Size	1/4"(6mm)
Cylinder Power	0.3 HP, 224 W
Free Speed	5,500 RPM
Average Air Consumption	3.0 CFM, 84 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Sound Pressure	81.5 dB(A)
Vibration Level	2.5 m/s ²
Net Weight	0.48 kg (1.06 lb)
Overall Length	158mm (6.22")

Item No.: PD0206

1/4" Mini Angle Low Speed Pneumatic (Air) Drills

- This drill is rear exhaust
- The cylinder power is 0.3HP but with short body length design
- Rotor five blade design with low noise and low vibration



Chuck Size	1/4"(6mm)
Cylinder Power	0.3 HP, 224 W
Free Speed	4,500 RPM
Average Air Consumption	3.0 CFM, 84 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Sound Pressure	81.5 dB(A)
Vibration Level	3.0 m/s ²
Net Weight	0.60 kg (1.32 lb)
Overall Length	140mm (5.52")

Item No.: PD0207/ PD0305

1/4" or 3/8" Heavy Duty Air Drill

- The air drill is rear 360 adjustable side exhaust
- Use motor five blade design to have higher torque output
- Full-cage gearbox design to have steady torque output
- Great to use in the industrial site, general maintenance and construction



Chuck Size	1/4"(6mm) or 3/8" (10mm)
Cylinder Power	0.5 HP, 372 W
Free Speed	2,500 RPM
Spindle	3/8"-24
Average Air Consumption	3.5 CFM, 99 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Sound Pressure	82.0 dB(A)
Vibration Level	<2.5 m/s ²
Net Weight	0.85 kg (1.87 lb)
Overall Length	219mm (8.54")
Package	20pcs/ctn, 23.9kg/24.9kg, 1.1 cu'ft

Item No.: PD0208/ PD0306

1/4" or 3/8" Heavy Duty Air Drill

- The air drill is rear 360 adjustable side exhaust
- Use motor five blade design to have higher torque output
- Full-cage gearbox design to have steady torque output
- Great to use in the industrial site, general maintenance and construction



Chuck Size	1/4"(6mm) or 3/8" (10mm)
Cylinder Power	0.5 HP, 372 W
Free Speed	5,000 RPM
Spindle	3/8"-24
Average Air Consumption	3.5 CFM, 99 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Sound Pressure	82.0 dB(A)
Vibration Level	<2.5 m/s ²
Net Weight	0.85 kg (1.87 lb)
Overall Length	219mm (8.54")
Package	20pcs/ctn, 23.9kg/24.9kg, 1.1 cu'ft

Item No.: PD0209/ PD0307

1/4" or 3/8" Heavy Duty High Speed Air Drill

- The air drill is rear 360 adjustable side exhaust
- Use motor five blade design to have higher torque output
- Front bearing design to reduce vibration and with steady output
- Great to use in the industrial site, general maintenance and construction



Chuck Size	1/4"(6mm) or 3/8" (10mm)
Cylinder Power	0.5 HP, 372 W
Free Speed	20,000 RPM
Spindle	3/8"-24
Average Air Consumption	3.5 CFM, 99 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Sound Pressure	80.0 dB(A)
Vibration Level	0.5 m/s ²
Net Weight	0.70 kg (1.54 lb)
Overall Length	210mm (8.19")
Package	20pcs/ctn, 19.7kg/20.7kg, 1.1 cu'ft

Item No.: PD0210

1/4" Industry High Speed Air Drill

- The air drill is 360 degree adjustable side exhaust
- Great to use in the industrial site, general maintenance and construction



Chuck Size	1/4"(6mm)
Cylinder Power	0.45 HP, 335 W
Free Speed	20,000 RPM
Average Air Consumption	4.5 CFM, 126 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Sound Pressure	84.5 dB(A)
Vibration Level	<2.5 m/s ²
Net Weight	0.80 kg (1.76 lb)
Overall Length	175mm (6.88")
Package	20pcs/ctn, 19.0kg/20.0kg, 1.1 cu'ft

Item No.: PD0211-5L

1/4" Industry Angle Steel High Speed Air Drill with 5" Extension

- The air drill is 360 degree adjustable side exhaust
- The chuck is 90 degree to the tool body so the air drill can easily access to the tight spaces
- Great to use in the automobile repair and maintenance and industry site



Chuck Size	1/4"(6mm)
Cylinder Power	0.5 HP, 372.8 W
Free Speed	16,000 RPM
Average Air Consumption	5.0 CFM, 141 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Sound Pressure	83.5 dB(A)
Vibration Level	5.0 m/s ²
Net Weight	1.90 kg (4.18 lb)
Overall Length	361mm (14.08")

Item No.: PD0212-2L

1/4" Industry Angle Steel High Speed Air Drill with 2" Extension

- The air drill is 360 degree adjustable side exhaust
- The chuck is 90 degree to the tool body so the air drill can easily access to the tight spaces
- Great to use in the automobile repair and maintenance and industry site



Chuck Size	1/4"(6mm)
Cylinder Power	1.0 HP, 745.7 W
Free Speed	12,000 RPM
Average Air Consumption	10.0 CFM, 282 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Sound Pressure	83.5 dB(A)
Vibration Level	5.0 m/s ²
Net Weight	2.00 kg (4.40 lb)
Overall Length	264mm (10.29")

Item No: PD0213/ PD0214/ PD0215
1/4" Air Drill

- The air drill is handle exhaust
- This air drill is small, light-weight and special design for aerospace and also good for industrial site.



Item No.	Chuck Size	Cylinder Power	Spindle Thread	Free Speed	Average Air Consumption	Air Inlet	Air Hose I.D.	Air Pressure	Sound Pressure	Vibration Level	Net Weight	Overall Length
PD0213	1/4"(6mm)	0.65 HP, 485 W	3/8"-24	4,200 RPM	5.2 CFM, 147 L/min	1/4"	3/8"	90 PSI	85 dB(A)	2.5 m/s ²	0.73 kg (1.6 lb)	154mm (6.0")
PD0214	1/4"(6mm)	0.65 HP, 485 W	3/8"-24	5,000 RPM	5.2 CFM, 147 L/min	1/4"	3/8"	90 PSI	85 dB(A)	2.5 m/s ²	0.73 kg (1.6 lb)	154mm (6.0")
PD0215	1/4"(6mm)	0.65 HP, 485 W	3/8"-24	5,700 RPM	5.2 CFM, 147 L/min	1/4"	3/8"	90 PSI	85 dB(A)	2.5 m/s ²	0.73 kg (1.6 lb)	154mm (6.0")

Item No: PD0216/ PD0217
1/4" Air Drill

- The air drill is handle exhaust
- This air drill is small, light-weight and special design for aerospace and also good for industrial site.



Item No.	Chuck Size	Cylinder Power	Spindle Thread	Free Speed	Average Air Consumption	Air Inlet	Air Hose I.D.	Air Pressure	Sound Pressure	Vibration Level	Net Weight	Overall Length
PD0216	1/4"(6mm)	0.65 HP, 485 W	3/8"-24	1,300 RPM	5.2 CFM, 147 L/min	1/4"	3/8"	90 PSI	85 dB(A)	2.5 m/s ²	0.90 kg (2.0 lb)	182mm (7.1")
PD0217	1/4"(6mm)	0.65 HP, 485 W	3/8"-24	700 RPM	5.2 CFM, 147 L/min	1/4"	3/8"	90 PSI	85 dB(A)	2.5 m/s ²	0.90 kg (2.0 lb)	182mm (7.1")

Item No: PD0218/ PD0219/ PD0220
Industrial Aerospace 90 Degree Air Angle Drill

- The air drill is handle exhaust
- The air drill is with 90° angle head and for threaded type 1/4"-28
- This right angle air drill is for aerospace and petrochemical



Item No.	Cylinder Power	Spindle Thread	Free Speed	Average Air Consumption	Air Inlet	Air Hose I.D.	Air Pressure	Sound Pressure	Vibration Level	Net Weight	Overall Length
PD0218	0.45 HP, 336 W	1/4"-28	2,500 RPM	4.5 CFM, 127 L/min	1/4"	3/8"	90 PSI	85 dB(A)	2.5 m/s ²	0.65 kg (1.4 lb)	235mm (9.2")
PD0219	0.45 HP, 336 W	1/4"-28	3,300 RPM	4.5 CFM, 127 L/min	1/4"	3/8"	90 PSI	85 dB(A)	2.5 m/s ²	0.65 kg (1.4 lb)	235mm (9.2")
PD0220	0.45 HP, 336 W	1/4"-28	4,500 RPM	4.5 CFM, 127 L/min	1/4"	3/8"	90 PSI	85 dB(A)	2.5 m/s ²	0.65 kg (1.4 lb)	235mm (9.2")

Item No: PD0221/ PD0222/ PD0223
Industrial Aerospace 30 Degree Air Angle Drill

- The air drill is handle exhaust
- The air drill is with 30° angle head and for threaded type 1/4"-28
- This right angle air drill is for aerospace and petrochemical



Item No.	Cylinder Power	Spindle Thread	Free Speed	Average Air Consumption	Air Inlet	Air Hose I.D.	Air Pressure	Sound Pressure	Vibration Level	Net Weight	Overall Length
PD0221	0.45 HP, 336 W	1/4"-28	2,500 RPM	4.5 CFM, 127 L/min	1/4"	3/8"	90 PSI	85 dB(A)	2.5 m/s ²	0.66 kg (1.5 lb)	252mm (9.8")
PD0222	0.45 HP, 336 W	1/4"-28	3,300 RPM	4.5 CFM, 127 L/min	1/4"	3/8"	90 PSI	85 dB(A)	2.5 m/s ²	0.66 kg (1.5 lb)	252mm (9.8")
PD0223	0.45 HP, 336 W	1/4"-28	4,500 RPM	4.5 CFM, 127 L/min	1/4"	3/8"	90 PSI	85 dB(A)	2.5 m/s ²	0.66 kg (1.5 lb)	252mm (9.8")

Item No: PD0224/ PD0225/ PD0226
Industrial Aerospace 360 Degree Air Angle Drill

- The air drill is handle exhaust
- The air drill is with 360° angle head and for threaded type 1/4"-28
- This right angle air drill is for aerospace and petrochemical



Item No.	Cylinder Power	Spindle Thread	Free Speed	Average Air Consumption	Air Inlet	Air Hose I.D.	Air Pressure	Sound Pressure	Vibration Level	Net Weight	Overall Length
PD0224	0.45 HP, 336 W	1/4"-28	2,200 RPM	4.5 CFM, 127 L/min	1/4"	3/8"	90 PSI	85 dB(A)	2.5 m/s ²	0.69 kg (1.5 lb)	257mm (10.0")
PD0225	0.45 HP, 336 W	1/4"-28	2,900 RPM	4.5 CFM, 127 L/min	1/4"	3/8"	90 PSI	85 dB(A)	2.5 m/s ²	0.69 kg (1.5 lb)	257mm (10.0")
PD0226	0.45 HP, 336 W	1/4"-28	4,000 RPM	4.5 CFM, 127 L/min	1/4"	3/8"	90 PSI	85 dB(A)	2.5 m/s ²	0.69 kg (1.5 lb)	257mm (10.0")

Item No: PD0227/ PD0228/ PD0229
Industrial Aerospace Offset Air Angle Drill

- The air drill is handle exhaust
- The air drill is with offset angle head extended and for threaded type 1/4"-28
- This right angle air drill is for aerospace and petrochemical



Item No.	Cylinder Power	Spindle Thread	Free Speed	Average Air Consumption	Air Inlet	Air Hose I.D.	Air Pressure	Sound Pressure	Vibration Level	Net Weight	Overall Length
PD0227	0.45 HP, 336 W	1/4"-28	2,500 RPM	4.5 CFM, 127 L/min	1/4"	3/8"	90 PSI	85 dB(A)	2.5 m/s ²	0.77 kg (1.7 lb)	315mm (12.3")
PD0228	0.45 HP, 336 W	1/4"-28	3,300 RPM	4.5 CFM, 127 L/min	1/4"	3/8"	90 PSI	85 dB(A)	2.5 m/s ²	0.77 kg (1.7 lb)	315mm (12.3")
PD0229	0.45 HP, 336 W	1/4"-28	4,500 RPM	4.5 CFM, 127 L/min	1/4"	3/8"	90 PSI	85 dB(A)	2.5 m/s ²	0.77 kg (1.7 lb)	315mm (12.3")

Item No.: PD0301
3/8" Pneumatic Reversible Pneumatic (Air) Drills

- One piece gear box
- Composite housing and cushion-grip handle



Chuck Size	3/8"(10mm)
Spindle Thread	3/8"-24
Free Speed	1800 RPM
Average Air Consumption	4 CFM
Air Inlet	1/4"
Net Weight	0.9 kg (2.0 lb)
Overall Length	195mm (7.6")
Min. Hose Size	10mm (3/8")
Packing	10pcs/ctn, 10.2kg/10.8kg, 0.78 cu'ft

Item No.: PD0301P
3/8" Reversible Pneumatic (Air) Drills

- One piece gear box
- Composite housing and cushion-grip handle



Chuck Size	3/8"(10mm)
Spindle Thread	3/8"-24
Free Speed	1800 RPM
Average Air Consumption	4 CFM
Air Inlet	1/4"
Net Weight	0.9 kg (2.0 lb)
Overall Length	195mm (7.6")
Min. Hose Size	10mm (3/8")
Packing	10pcs/ctn, 10.2kg/10.8kg, 0.78 cu'ft

Item No.: PD0302

3/8" Heavy Duty Pneumatic (Air) Drill

- 360° adjust side exhaust
- Two gear mechanism



Chuck Size	3/8"(10mm)
Cylinder Power	0.5 HP, 372 W
Free Speed	3,600 RPM
Average Air Consumption	3.5 CFM, 99 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Sound Pressure	82 dB(A)
Vibration Level	<2.5 m/s ²
Net Weight	0.85 kg (1.87 lb)
Overall Length	219mm (8.54")
Package	20pcs/ctn, 23.9kg/24.9kg, 1.1 cu'ft

Item No.: PD0303

3/8" Pneumatic (Air) Drills



Chuck Size	3/8"(10mm)
Free Speed	4,000 RPM
Average Air Consumption	12.36 CFM, 350 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Net Weight	0.8 kg (1.76 lb)
Overall Length	220mm (8.66")

Item No.: PD0304

3/8" Pneumatic (Air) Drills



Chuck Size	3/8"(10mm)
Free Speed	1,900 RPM
Average Air Consumption	12.36 CFM, 350 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Net Weight	0.96 kg (2.12 lb)
Overall Length	200mm (7.87")

Item No.: PD0308/ PD0403

3/8" or 1/2" Industry Reversible Air Drill

- The air drill is handle exhaust
- Use motor five blade design to have higher torque output
- Full-cage gearbox design to have steady torque output
- The chuck is available with keyed or keyless
- Use different color ring to identify different free speed
- Great to use in the industrial site, general maintenance and construction



Chuck Size	3/8" (10mm) or 1/2" (13mm)
Cylinder Power	0.5 HP, 372 W
Free Speed	2,000 RPM
Spindle	3/8"-24
Average Air Consumption	4.0 CFM, 113 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Net Weight	0.80 kg (1.76 lb)
Overall Length	181mm (7.12")
Package	20pcs/ctn, 16.2kg/17.2kg

Item No.: PD0309/ PD0404

3/8" or 1/2" Industry Reversible Air Drill

- The air drill is handle exhaust
- Use motor five blade design to have higher torque output
- Full-cage gearbox design to have steady torque output
- The chuck is available with keyed or keyless
- Use different color ring to identify different free speed
- Great to use in the industrial site, general maintenance and construction



Chuck Size	3/8" (10mm) or 1/2" (13mm)
Cylinder Power	0.5 HP, 372 W
Free Speed	2,800 RPM
Spindle	3/8"-24
Average Air Consumption	4.0 CFM, 113 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Net Weight	0.80 kg (1.76 lb)
Overall Length	181mm (7.12")
Package	20pcs/ctn, 16.2kg/17.2kg

Item No.: PD0310/ PD0405

3/8" or 1/2" Industry Reversible Air Drill

- The air drill is handle exhaust
- Use motor five blade design to have higher torque output
- Full-cage gearbox design to have steady torque output
- The chuck is available with keyed or keyless
- Use different color ring to identify different free speed
- Great to use in the industrial site, general maintenance and construction



Chuck Size	3/8" (10mm) or 1/2" (13mm)
Cylinder Power	0.5 HP, 372 W
Free Speed	500 RPM
Spindle	3/8"-24
Average Air Consumption	4.0 CFM, 113 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Net Weight	1.20 kg (2.64 lb)
Overall Length	230mm (9.00")
Package	20pcs/ctn, 24.2kg/25.2kg

Item No.: PD0311/ PD0406

3/8" or 1/2" Industry Reversible Air Drill

- The air drill is handle exhaust
- Use motor five blade design to have higher torque output
- Full-cage gearbox design to have steady torque output
- The chuck is available with keyed or keyless
- Use different color ring to identify different free speed
- Great to use in the industrial site, general maintenance and construction



Chuck Size	3/8" (10mm) or 1/2" (13mm)
Cylinder Power	0.5 HP, 372 W
Free Speed	3,500 RPM
Spindle	3/8"-24
Average Air Consumption	4.0 CFM, 113 L/min
Air Inlet	1/4"
Air Hose I.D.	3/8"
Air Pressure	90 PSI
Net Weight	0.80 kg (1.76 lb)
Overall Length	181mm (7.12")
Package	20pcs/ctn, 16.2kg/17.2kg

Item No.: PD0401

1/2" Reversible Pneumatic (Air) Drills

- Composite housing and cushion-grip handle



Chuck Size	1/2"(13mm)
Spindle Thread	3/8"-24
Free Speed	450 RPM
Average Air Consumption	4 CFM
Air Inlet	1/4"
Net Weight	1.2 kg (2.6 lb)
Overall Length	230mm (9")
Min. Hose Size	10mm (3/8")
Packing	10pcs/ctn, 14.6kg/15.6kg, 0.96 cu'ft

Item No.: PD0401P**1/2" Reversible Pneumatic
(Air) Drills**

- Composite housing and cushion-grip handle

Chuck Size	1/2"(13mm)
Spindle Thread	3/8"-24
Free Speed	450 RPM
Average Air Consumption	4 CFM
Air Inlet	1/4"
Net Weight	1.2 kg (2.6 lb)
Overall Length	230mm (9")
Min. Hose Size	10mm (3/8")
Packing	10pcs/ctn, 14.6kg/15.6kg, 0.96 cu'ft

Item No.: PD0402**1/2" Reversible Pneumatic
(Air) Drills**

- Composite housing and cushion-grip handle

Chuck Size	1/2"(13mm)
Spindle Thread	3/8"-24
Free Speed	700 RPM
Average Air Consumption	4 CFM
Air Inlet	1/4"
Net Weight	1.2 kg (2.6 lb)
Overall Length	230mm (9")
Min. Hose Size	10mm (3/8")
Packing	10pcs/ctn, 14.5kg/15.5kg, 0.96 cu'ft

Item No.: PD0402P**1/2" Reversible Pneumatic
(Air) Drills**

- Composite housing and cushion-grip handle

Chuck Size	1/2"(13mm)
Spindle Thread	3/8"-24
Free Speed	700 RPM
Average Air Consumption	4 CFM
Air Inlet	1/4"
Net Weight	1.2 kg (2.6 lb)
Overall Length	230mm (9")
Min. Hose Size	10mm (3/8")
Packing	10pcs/ctn, 14.5kg/15.5kg, 0.96 cu'ft

Item No.: PS01

Pneumatic Metal Shear

- For the trimming, outlining and shearing of various sheet
- Make the clean cut in cold rolled steel up to 18-gauge
- Good for body shop, sheet metal shop and machine shop



Free Speed	2600 RPM
Average Air Consumption	3.7 CFM
Air Inlet	1/4"
Cutting Capacity-Steel	1.2mm
Cutting Capacity-Aluminum	1.6mm
Net Weight	1.0 kg (2.2 lb)
Overall Length	240mm (9.4")
Min. Hose Size	10mm (3/8")
Packing	12pcs/ctn, 15kg/16kg, 1.1 cu'ft

Item No.: PS02

Pneumatic Scissors

- Good for contour snip
- Perfect for body shop and machine shop



Free Speed	2600 RPM
Average Air Consumption	3.7 CFM
Air Inlet	1/4"
Cutting Capacity-Steel	1.2mm
Cutting Capacity-Aluminum	1.6mm
Net Weight	1.0 kg (2.2 lb)
Overall Length	290mm (11.4")
Min. Hose Size	10mm (3/8")
Packing	12pcs/ctn, 15kg/16kg, 1.1 cu'ft

Item No.: PS03

Pistol-Grip Pneumatic Shear

- Great control for the lightweight and durable composite pistol-grip



Free Speed	2600 RPM
Average Air Consumption	3.7 CFM
Air Inlet	1/4"
Cutting Capacity-Steel	1.2mm
Cutting Capacity-Aluminum	1.6mm
Net Weight	1.0 kg (2.2 lb)
Overall Length	227mm (8.9")
Min. Hose Size	10mm (3/8")
Packing	12pcs/ctn, 15kg/16kg, 1.1 cu'ft

Item No.: PS04

Pistol-Grip Pneumatic Scissors

- Great control for the lightweight and durable composite pistol-grip





Free Speed	2600 RPM
Average Air Consumption	3.7 CFM
Air Inlet	1/4"
Cutting Capacity-Steel	1.2mm
Cutting Capacity-Aluminum	1.6mm
Net Weight	1.0 kg (2.2 lb)
Overall Length	277mm (10.9")
Min. Hose Size	10mm (3/8")
Packing	12pcs/ctn, 15kg/16kg, 1.1 cu'ft

Air Hammers

Item No.: PH15801

Mini Pneumatic Hammer


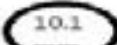


Piston Diameter	15.8 mm
Piston Stroke	43 mm
Chisel Shank Size	 
Air Inlet	1/4"
Blows Per Min.	4600 bpm
Overall Length	134 mm
Net Weight	0.85 kgs
Packing	10pcs, 9.5kg/10kg, 0.5 cu'ft

Item No.: PH15802

Pneumatic (Air) Hammers

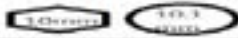


Piston Diameter	15.8 mm
Piston Stroke	68 mm
Chisel Shank Size	 
Air Inlet	1/4"
Blows Per Min.	3000 bpm
Overall Length	172 mm
Net Weight	1.0 kgs
Packing	10pcs, 11kg/11.5kg, 0.79 cu'ft




Item No.: PH1901
Pneumatic (Air) Hammers



Piston Diameter	19 mm
Piston Stroke	98 mm
Chisel Shank Size	
Air Inlet	1/4"
Blows Per Min.	2200 bpm
Overall Length	230 mm
Net Weight	2.05 kgs
Packing	10pcs, 22.5kg/23kg, 1.16 cu'ft

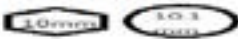
Item No.: PH1902
Pneumatic (Air) Hammers



Piston Diameter	19 mm
Piston Stroke	66 mm
Chisel Shank Size	
Air Inlet	1/4"
Blows Per Min.	3200 bpm
Overall Length	175 mm
Net Weight	1.7 kgs
Packing	10pcs, 18kg/19kg, 1.2 cu'ft


Item No.: PH1903
Pneumatic (Air) Hammers



Piston Diameter	19 mm
Piston Stroke	98 mm
Chisel Shank Size	
Air Inlet	1/4"
Blows Per Min.	2200 bpm
Overall Length	220 mm
Net Weight	2.05 kgs
Packing	10pcs, 22kg/23kg, 1.2 cu'ft


Item No.: PH1904
Pneumatic (Air) Hammers



Piston Diameter	19 mm
Piston Stroke	66 mm
Chisel Shank Size	
Air Inlet	1/4"
Blows Per Min.	3200 bpm
Overall Length	175 mm
Net Weight	1.7 kgs
Packing	10pcs, 18kg/19kg, 1.2 cu'ft


Item No.: PH1905
Pneumatic (Air) Hammers



Piston Diameter	19 mm
Piston Stroke	98 mm
Chisel Shank Size	
Air Inlet	1/4"
Blows Per Min.	2200 bpm
Overall Length	220 mm
Net Weight	1.9 kgs
Packing	10pcs, 19kg/20.5kg, 1.2 cu'ft

Item No.: PH1906
Pneumatic (Air) Hammers



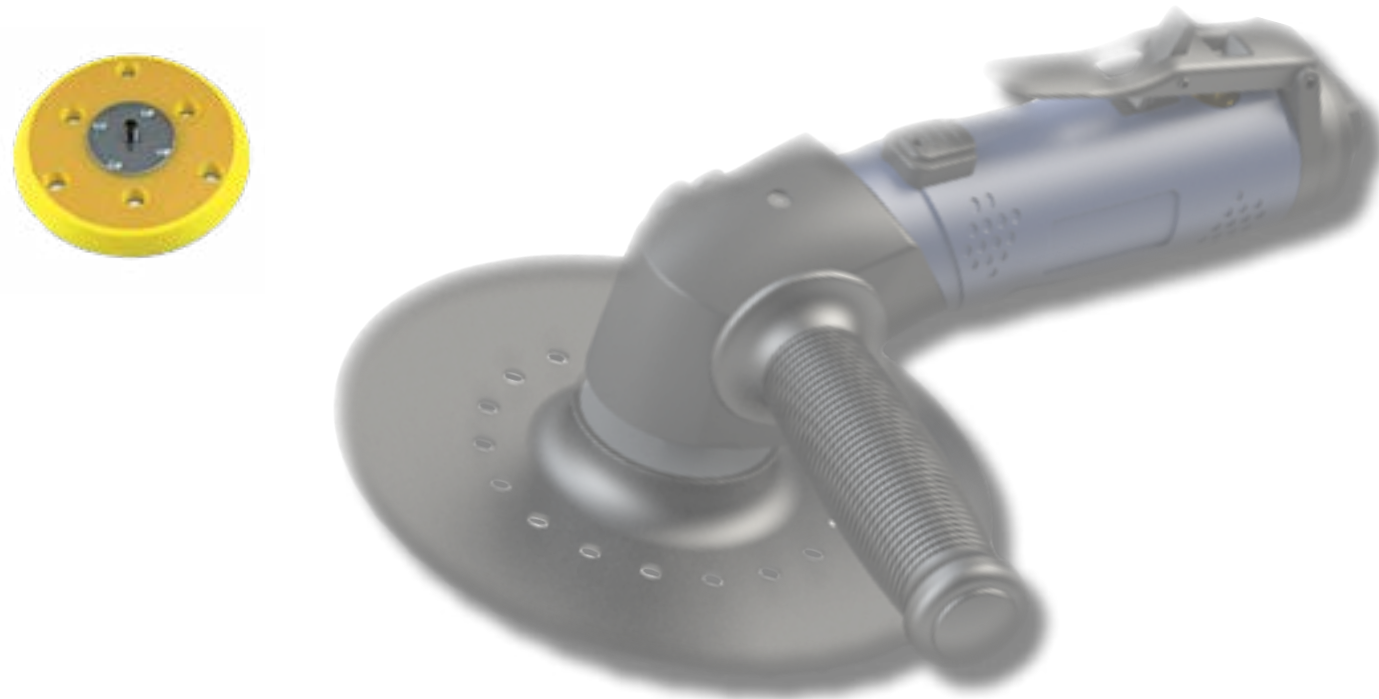
Piston Diameter	19 mm
Piston Stroke	65 mm
Chisel Shank Size	
Air Inlet	1/4"
Blows Per Min.	3200 bpm
Overall Length	175 mm
Net Weight	1.55 kgs
Packing	10pcs, 16kg/17kg, 1.2 cu'ft

Air Sanders

A Series

2.5mm (3" 80g PAD) Random Orbital Sanders

- Durable and lightweight composite housing design
- Include low profile balanced sanding pad
- Low vibration for swirl-free finishes
- N: Non-Vacuum
- C: Central Vacuum
- S: Self-Generated Vacuum



Item No.	Pad Diameter in. (mm)	Diameter Orbit	Noise Level	Vibration (m/s ²)	RPM	Air Inlet in.	Min. Hose Size in. (mm)	Avg. Air Cons. CFM	Weight Lbs (kg)
PSA25-N3/C3/S3	3" (75)	2.5	80dBA	0.8	11000	1/4"	3/8" (10)	1.6	1.8 (0.8)

2.5mm Random Orbital Sanders

- Durable and lightweight composite housing design
- Include low profile balanced sanding pad
- Low vibration for swirl-free finishes
- N: Non-Vacuum
- C: Central Vacuum
- S: Self-Generated Vacuum



Item No.	Pad Diameter in. (mm)	Diameter Orbit	Noise Level	Vibration (m/s ²)	RPM	Air Inlet in.	Min. Hose Size in. (mm)	Avg. Air Cons. CFM	Weight Lbs (kg)
PSA25-N6/C6/S6	6" (150)	2.5	80dBA	0.8	11000	1/4"	3/8" (10)	1.6	2 (0.9)

5mm Random Orbital Sanders

- Durable and lightweight composite housing design
- Include low profile balanced sanding pad
- Low vibration for swirl-free finishes
- N: Non-Vacuum
- C: Central Vacuum
- S: Self-Generated Vacuum



Item No.	Pad Diameter in. (mm)	Diameter Orbit	Noise Level	Vibration (m/s ²)	RPM	Air Inlet in.	Min. Hose Size in. (mm)	Avg. Air Cons. CFM	Weight Lbs (kg)
PSA5-N6/C6/S6	6" (150)	5	80dBA	0.8	11000	1/4"	3/8" (10)	1.6	2 (0.9)

B Series

2.5mm (3" 80g PAD) Random Orbital Sanders

- Durable and lightweight composite housing design
- Include low profile balanced sanding pad
- Low vibration for swirl-free finishes
- N: Non-Vacuum
- C: Central Vacuum
- S: Self-Generated Vacuum



Item No.	Pad Diameter in. (mm)	Diameter Orbit	Noise Level	Vibration (m/s ²)	RPM	Air Inlet in.	Min. Hose Size in. (mm)	Avg. Air Cons. CFM	Weight Lbs (kg)
PSB25-N3/C3/S3	3" (75)	2.5	80dBA	0.8	11000	1/4"	3/8" (10)	1.6	1.8 (0.8)

2.5mm Random Orbital Sanders

- Durable and lightweight composite housing design
- Include low profile balanced sanding pad
- Low vibration for swirl-free finishes
- N: Non-Vacuum
- C: Central Vacuum
- S: Self-Generated Vacuum



Item No.	Pad Diameter in. (mm)	Diameter Orbit	Noise Level	Vibration (m/s ²)	RPM	Air Inlet in.	Min. Hose Size in. (mm)	Avg. Air Cons. CFM	Weight Lbs (kg)
PSB25-N6/C6/S6	6" (150)	2.5	80dBA	0.8	11000	1/4"	3/8" (10)	1.6	2 (0.9)

C Series

2.5mm Random Orbital Sanders

- Durable and lightweight composite housing design
- Include low profile balanced sanding pad
- Low vibration for swirl-free finishes
- N: Non-Vacuum
- C: Central Vacuum
- S: Self-Generated Vacuum



Item No.	Pad Diameter in. (mm)	Diameter Orbit	Noise Level	Vibration (m/s ²)	RPM	Air Inlet in.	Min. Hose Size in. (mm)	Avg. Air Cons. CFM	Weight Lbs (kg)
PSB25-N6/C6/S6	6" (150)	2.5	80dBA	0.8	11000	1/4"	3/8" (10)	1.6	2 (0.9)

5mm Random Orbital Sanders

- Durable and lightweight composite housing design
- Include low profile balanced sanding pad
- Low vibration for swirl-free finishes
- N: Non-Vacuum
- C: Central Vacuum
- S: Self-Generated Vacuum



Item No.	Pad Diameter in. (mm)	Diameter Orbit	Noise Level	Vibration (m/s ²)	RPM	Air Inlet in.	Min. Hose Size in. (mm)	Avg. Air Cons. CFM	Weight Lbs (kg)
PSB25-N6/C6/S6	6" (150)	5	80dBA	0.8	11000	1/4"	3/8" (10)	1.6	2 (0.9)

D Series

2.5mm Random Orbital Sanders

- Durable and lightweight composite housing design
- Include low profile balanced sanding pad
- Low vibration for swirl-free finishes
- N: Non-Vacuum
- C: Central Vacuum
- S: Self-Generated Vacuum



Item No.	Pad Diameter in. (mm)	Diameter Orbit	Noise Level	Vibration (m/s ²)	RPM	Air Inlet in.	Min. Hose Size in. (mm)	Avg. Air Cons. CFM	Weight Lbs (kg)
PSD25-N6/C6/S6	6" (150)	2.5	80dBA	0.8	11000	1/4"	3/8" (10)	1.6	2 (0.9)

5mm Random Orbital Sanders

- Durable and lightweight composite housing design
- Include low profile balanced sanding pad
- Low vibration for swirl-free finishes
- N: Non-Vacuum
- C: Central Vacuum
- S: Self-Generated Vacuum



Item No.	Pad Diameter in. (mm)	Diameter Orbit	Noise Level	Vibration (m/s ²)	RPM	Air Inlet in.	Min. Hose Size in. (mm)	Avg. Air Cons. CFM	Weight Lbs (kg)
PSD5-N6/C6/S6	6" (150)	5	80dBA	0.8	11000	1/4"	3/8" (10)	1.6	2 (0.9)

10mm Random Orbital Sanders

- Durable and lightweight composite housing design
- Include low profile balanced sanding pad
- Low vibration for swirl-free finishes
- N: Non-Vacuum
- C: Central Vacuum
- S: Self-Generated Vacuum



Item No.	Pad Diameter in. (mm)	Diameter Orbit	Noise Level	Vibration (m/s ²)	RPM	Air Inlet in.	Min. Hose Size in. (mm)	Avg. Air Cons. CFM	Weight Lbs (kg)
PSD10-N6/C6/S6	6" (150)	10	80dBA	0.8	11000	1/4"	3/8" (10)	1.6	2 (0.9)

E Series

2.5mm Random Orbital Sanders

- Pneumatic sander is low vibration for swirl-free finishes
- Pneumatic Sander is durable, lightweight composite housing design
- Pneumatic sander includes low profile balanced sanding pad
- Air sander is used to sand an object smooth
- N: Non-Vacuum
- C: Central Vacuum
- S: Self-Generated Vacuum



Item No.	Pad Diameter in. (mm)	Diameter Orbit	Noise Level	Vibration (m/s ²)	RPM	Air Inlet in.	Min. Hose Size in. (mm)	Avg. Air Cons. CFM	Weight Lbs (kg)
PSE25-N6/C6/S6	6" (150)	2.5	80dBA	0.8	11000	1/4"	3/8" (10)	1.6	2 (0.9)

5mm Random Orbital Sanders

- Pneumatic sander is low vibration for swirl-free finishes
- Pneumatic Sander is durable, lightweight composite housing design
- Pneumatic sander includes low profile balanced sanding pad
- Air sander is used to sand an object smooth
- N: Non-Vacuum
- C: Central Vacuum
- S: Self-Generated Vacuum



Item No.	Pad Diameter in. (mm)	Diameter Orbit	Noise Level	Vibration (m/s ²)	RPM	Air Inlet in.	Min. Hose Size in. (mm)	Avg. Air Cons. CFM	Weight Lbs (kg)
PSE5-N6/C6/S6	6" (150)	5	80dBA	0.8	11000	1/4"	3/8" (10)	1.6	2 (0.9)

F Series

Air Disc Sander

- Pads are available in 3", 4.5" and 5"



Item No.	Pad Diameter in. (mm)	RPM	Air Inlet in.	Weight Lbs (kg)
PSF3/45/5	3", 4.5" or 5"	16000	1/4"	2.64 (1.2)

G Series

Item No.: PSG201

2" Mini Angle Sander

- This sander is rear exhaust
- The cylinder power is 0.3HP but with short body length design
- Rotor five blade design with low noise and low vibration



Item No.	Pad Diameter in. (mm)	Spindle Thread	Cylinder Power	RPM	Noise Level	Vibration (m/s ²)	Air Inlet in.	Air Hose I.D.	Avg. Air Cons. CFM	Weight Lbs (kg)	Length mm (inch)
PSG201	2" (50)	5/16"-24UNF	0.3 hp	16000	81.5dBA	2.5	1/4"	3/8"	3.0 CFM 84 L/min	0.90 (0.41)	136mm (5.36")

Item No.: PSG202

2" Mini Random Orbital Sander

- This sander is rear exhaust
- The cylinder power is 0.3HP but with short body length design
- Rotor five blade design with low noise and low vibration



Item No.	Pad Diameter in. (mm)	Spindle Thread	Orbit Diameter	RPM	Noise Level	Vibration (m/s ²)	Air Inlet in.	Air Hose I.D.	Avg. Air Cons. CFM	Weight Lbs (kg)	Length mm (inch)
PSG202	2" (50)	5/16"-24UNF	3 mm	16000	81.5dBA	2.5	1/4"	3/8"	3.0 CFM 84 L/min	1.12 (0.51)	138mm (5.43")

Item No.: PSG203

2" Mini Angle Disc Sander

- This sander is rear exhaust
- The cylinder power is 0.3HP but with short body length design
- Rotor five blade design with low noise and low vibration



Item No.	Pad Diameter in. (mm)	Spindle Thread	Cylinder Power	RPM	Noise Level	Vibration (m/s ²)	Air Inlet in.	Air Hose I.D.	Avg. Air Cons.	Weight Lbs (kg)	Length mm (inch)
PSG203	2" (50)	1/4"-20UNF	0.3 hp	16000	81.5dBA	2.5	1/4"	3/8"	3.0 CFM 84 L/min	0.90 (0.41)	133mm (5.24")

Item No.: PSG501

5" Heavy Duty Angle Sander

- Great cylinder power to 2.3 HP
- Life cycle test up to 30,000 times on-site test
- With LOCK function so don't need to press the bottom while continuous using
- Use Japan made NSK bearing



Item No.	Pad Diameter in. (mm)	Spindle Thread	Cylinder Power	RPM	Noise Level	Vibration (m/s ²)	Air Inlet in.	Air Hose I.D.	Avg. Air Cons. CFM	Weight Lbs (kg)	Length mm (inch)
PSG501	5" (125)	M14*2.0	2.3 hp	12000	79dBA	5.2	3/8"	1/2"	6.9	3.53 (1.6)	291mm (11.46")

Item No.: PSG701

7" Heavy Duty Angle Sander

- Great cylinder power to 2.3 HP
- Life cycle test up to 30,000 times on-site test
- With LOCK function so don't need to press the bottom while continuous using
- Can also use with 5" pad



Item No.	Pad Diameter in. (mm)	Spindle Thread	Cylinder Power	RPM	Noise Level	Vibration (m/s ²)	Air Inlet in.	Air Hose I.D.	Avg. Air Cons. CFM	Weight Lbs (kg)	Length mm (inch)
PSG701	7" (180)	M14*2.0	2.3 hp	10000	79dBA	5.2	3/8"	1/2"	6.3	3.53 (1.6)	291mm (11.46")

Item No.: PAP2

Mini Angle Polisher

- This polisher is rear exhaust
- The cylinder power is 0.3HP but with short body length design
- Rotor five blade design with low noise and low vibration



Item No.	Pad Diameter in. (mm)	Noise Level	Vibration (m/s ²)	RPM	Air Inlet in.	Air Hose I.D.	Avg. Air Cons.	Weight Lbs (kg)
PAP2	2" (50mm)	81.5dBA	3	4500	1/4"	3/8"	3 CFM (84 L/min)	1.35 (0.61)

Item No.: PAP3/ PAP4/ PAP5

Angle Polisher

- Pads are available in 3", 4" and 5"
- Also available in air sander



Item No.	Pad Diameter in. (mm)	Noise Level	Vibration (m/s ²)	RPM	Air Inlet in.	Avg. Air Cons. CFM	Weight Lbs (kg)
PAP3/4/5	3", 4" or 5"	92.2dBA	0.9	2500	1/4"	12.36	2.2 (1.0)

Item No.: PAD0506H
5" PAD Hook-Up (6 HOLE)



Item No.: PAD050H
5" PAD Hook-Up (NO HOLE)



Item No.: PAD0606H
6" PAD Hook-Up (6 HOLE)



Item No.: PAD060H
6" Pad Hook-Up (NO HOLE)



Air Riveter and Rivet Nut

Item No.: PR190 Pneumatic Riveter

- Lightweight and ergonomically design
- Heavy-duty plastic body
- 3/16" (4.8mm) and 3/32" (2.4mm) structural Monobolt rivets, T rivets and standard rivets-in all materials



Traction Power	Stroke	Working Air Pressure	Air Consumption	Tool Dimension	Weight	Riveting Capacity
2000 lbs (980kg)	15mm (0.59")	85~95 PSI (6~6.7 kg/cm²)	4 CFM	250*290*96.5mm (H*L*D)	1.45 kg	3/16" (4.8mm) 5/32" (4.0mm) 1/8" (3.2mm) 3/32" (2.4mm)

Item No.: PR200 3/16" (4.8mm) Pneumatic Riveter

- Easy handling and portability
- Most versatile blind rivet tool line-sizes to satisfy any production need
- 3/16" (4.8mm) rivet capacity in all materials



Traction Power	Stroke	Working Air Pressure	Air Consumption	Tool Dimension	Weight	Riveting Capacity
1940 lbs (880kg)	14mm (0.55")	85~100 PSI (6~7 kg/cm²)	4 CFM	285*278*80mm (H*L*D)	1.81 kg	3/16" (4.8mm) 5/32" (4.0mm) 1/8" (3.2mm) 3/32" (2.4mm)

Item No.: PR270 Pneumatic Riveter

- Lightweight and ergonomically design
- Heavy-duty plastic body
- 3/16" (4.8mm) and 3/32" (2.4mm) structural Monobolt rivets, T rivets and standard rivets-in all materials



Traction Power	Stroke	Working Air Pressure	Air Consumption	Tool Dimension	Weight	Riveting Capacity
2000 lbs (908kg)	23.5mm (0.93")	85~95 PSI (6~6.7 kg/cm²)	4 CFM	270*290*96.5mm (H*L*D)	1.54 kg	3/16" (4.8mm) 5/32" (4.0mm) 1/8" (3.2mm) 3/32" (2.4mm)

Item No.: PR380 Long stroke (22.5/26mm) Pneumatic Riveter

- With suction control switch
- Soft-set shockless tool, lightweight and ergonomically design
- 1/4" (6.4mm) and 3/16" (4.8mm) structural Monobolt rivets, T rivets and standard rivets-in all materials
- Long stroke (22.5/26mm)



Traction Power	Stroke	Working Air Pressure	Air Consumption	Tool Dimension	Weight	Riveting Capacity
3800 lbs (1723kg)	22.5mm (0.88")	85~95 PSI (6~6.7 kg/cm²)	4 CFM	310*305*109mm (H*L*D)	1.88 kg	5/16" (7.8mm) 1/4" (6.4mm) 7/32" (5.6mm) 3/16" (4.8mm)

Item No.: PR500 1/4" (6.4mm) Pneumatic Riveter

- Easy handling and portability
- Most versatile blind rivet tool line-sizes to satisfy any production need
- 1/4" (6.4mm) rivet capacity in all materials



Traction Power	Stroke	Working Air Pressure	Air Consumption	Tool Dimension	Weight	Riveting Capacity
3099 lbs (1405kg)	19mm (0.75")	85~100 PSI (6~7 kg/cm²)	4 CFM	324*260*94mm (H*L*D)	2.07 kg	1/4" (6.4mm) 7/32" (5.6mm) 3/16" (4.8mm) 5/32" (4.0mm) 1/8" (3.2mm) 3/32" (2.4mm)

Item No.: PRN20 Pneumatic Rivet Nut

- Lightweight and ergonomically design
- Spin-on, pull-up, spinout action
- Quick-change connector for tie rod
- Up to 5/16" (M8) stainless steel rivet nuts



Traction Power	Stroke	Working Air Pressure	Air Consumption	Tool Dimension	Weight	Riveting Capacity
3200 lbs (1452kg)	7mm (0.28")	85~95 PSI (6~6.7 kg/cm²)	2.1 Liter	266.5*278.1*92.5mm (H*L*D)	2.1 kg	M3 M4 M5 M6 M8

Item No.: PRN25
Pneumatic Rivet Nut

- Lightweight and ergonomically design
- Spin-on, pull-up, spinout action
- Quick-change connector for tie rod
- Up to 1/2" (M12) stainless steel rivet nuts



Traction Power	Stroke	Working Air Pressure	Air Consumption	Tool Dimension	Weight	Riveting Capacity
4800 lbs (2179kg)	7mm (0.28")	85~95 PSI (6~6.7 kg/cm²)	2.1 Liter	317*278.1*88.6mm (H*L*D)	2.4 kg	M3 M4 M5 M6 M8 M10 M12

Item No.: PRN30
Pneumatic Rivet Nut

- Lightweight and ergonomically design
- Spin-on, pull-up, spinout action
- Quick-change connector for tie rod
- Up to 1/2" (M12) stainless steel rivet nuts



Traction Power	Stroke	Working Air Pressure	Air Consumption	Tool Dimension	Weight	Riveting Capacity
6000 lbs (2724kg)	7mm (0.28")	85~95 PSI (6~6.7 kg/cm²)	2.1 Liter	305*278.1*92.5mm (H*L*D)	2.3 kg	M4 M5 M6 M8 M10 M12



Air Spray Guns

LLP (LVLP) System

Item No.: SGLLP350G

- Side Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGLLP350G-05	Gravity	0.5	40	120	50	125 c.c	1/4" PS	M14* 1.0P	15~28 PSI	280 g	20pcs/10.6kg/ 11.6kg/1.2 cu'ft
SGLLP350G-08		0.8	60	130	50						
SGLLP350G-10		1.0	80	130	50						
SGLLP350G-12		1.2	95	130	50						

Item No.: SGLLP413G

- Upper Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGLLP413G-12	Gravity	1.2	120	300	270	600 c.c	1/4" PS	M16* 1.5P	15~28 PSI	514 g	10pcs/9kg/ 10kg/1.7 cu'ft
SGLLP413G-14		1.4	140	310	270						
SGLLP413G-16		1.6	170	320	270						
SGLLP413G-18		1.8	190	320	270						
SGLLP413G-20		2.0	220	330	270						
SGLLP413G-25		2.5	260	350	270						

Item No.: SGLLP866G

- Upper Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGLLP866G-13	Gravity	1.3	110	300	250	600 c.c	1/4" PS	M16* 1.5P	15~28 PSI	620 g	10pcs/10kg/ 11kg/1.7 cu'ft
SGLLP866G-14		1.4	130	300	250						
SGLLP866G-15		1.5	160	310	250						
SGLLP866G-17		1.7	175	310	250						
SGLLP866G-20		2.0	190	320	250						
SGLLP866G-25		2.5	260	330	250						

Item No.: SGLLP867G

- Upper Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGLLP867G-13	Gravity	1.3	110	300	250	600 c.c	1/4" PS	M16* 1.5P	15~28 PSI	620 g	10pcs/10kg/ 11kg/1.7 cu'ft
SGLLP867G-14		1.4	130	300	250						
SGLLP867G-15		1.5	160	310	250						
SGLLP867G-17		1.7	175	310	250						
SGLLP867G-20		2.0	190	320	250						
SGLLP867G-25		2.5	260	330	250						

Item No.: SGLLP887S

- Lower Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGLLP887S-13	Gravity	1.3	105	290	260	1000 c.c	1/4" PS	3/8" PS	15~28 PSI	630 g	10pcs/1kg/ 15kg/1.7 cu'ft
SGLLP887S-14		1.4	125	300	260						
SGLLP887S-15		1.5	155	310	260						
SGLLP887S-17		1.7	170	310	260						
SGLLP887S-20		2.0	185	320	260						
SGLLP887S-25		2.5	250	330	260						

LP (HVLP) System **Item No.: SGLP300S**

- Lower Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGLP300S-12	Suction	1.2	110	290	305	1000 c.c	1/4" PS	3/8" PS	15~28 PSI	514 g	10pcs/9kg/ 10kg/1.7 cu'ft
SGLP300S-14		1.4	130	300	305						
SGLP300S-16		1.5	160	310	305						
SGLP300S-18		1.8	180	310	305						
SGLP300S-20		2.0	210	320	305						
SGLP300S-25		2.5	260	320	305						

Item No.: SGLP350G

- Side Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGLP350G-05	Gravity	0.5	50	130	109	125 c.c	1/4" PS	M14" 1.0P	15~28 PSI	280 g	20pcs/10.6kg/ 11.6kg/1.2 cu'ft
SGLP350G-08		0.8	70	140	109						
SGLP350G-10		1.0	90	140	109						
SGLP350G-12		1.2	105	140	109						

Item No.: SGLP410G

- Upper Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGLP410G-12	Gravity	1.2	130	300	340	600 c.c	1/4" PS	M16" 1.5P	15~28 PSI	514 g	10pcs/9kg/ 10kg/1.7 cu'ft
SGLP410G-14		1.4	150	310	340						
SGLP410G-16		1.6	180	320	340						
SGLP410G-18		1.8	200	320	340						
SGLP410G-20		2.0	230	330	340						
SGLP410G-25		2.5	280	350	340						

Item No.: SGLP528S

- Lower Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGLP528S-12	Pressure	1.2	140	290	260	without	1/4" PS	1/4" PS Or 3/8" PS	15~28 PSI	498 g	10pcs/12kg/ 13kg/1.7 cu'ft
SGLP528S-14	Suction	1.4	140	300	260	700 c.c Or					
SGLP528S-17		1.7	155	300	260	1000 c.c.					
SGLP528S-20		2.0	180	310	260						

Item No.: SGLP528M

- Upper Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGLP528M-12	Gravity	1.2	110	300	250	600 c.c.	1/4" PS	M16" 1.5P	15~28 PSI	498 g	10pcs/9.5kg/ 10.5kg/1.7 cu'ft
SGLP528M-14		1.4	150	300	250						
SGLP528M-17		1.7	170	310	250						
SGLP528M-20		2.0	200	310	250						

Item No.: SGLP528G

- Side Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGLP528G-10	Gravity	1.0	90	290	250	250 c.c or 400 c.c	1/4" PS	1/4" PS	15~28 PSI	488 g	20pcs/19.5kg/ 20.5kg/2.5 cu'ft
SGLP528G-12		1.2	110	300	250						
SGLP528G-14		1.4	150	300	250						
SGLP528G-17		1.7	170	310	250						
SGLP528G-20		2.0	200	310	250						
SGLP528G-24		2.4	245	310	250						
SGLP528G-28		2.8	290	310	250						

Item No.: SGLP591G

- Side Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGLP591G-10	Gravity	1.0	110	260	260	250 c.c. Or 400 c.c.	1/4" PS	1/4" PS	15~28 PSI	520 g	20pcs/20kg/ 21kg/2.5 cu/ft
SGLP591G-14		1.4	140	300	260						
SGLP591G-16		1.6	150	300	260						
SGLP591G-20		2.0	160	310	260						

Item No.: SGLP591S

- Lower Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGLP591S-10	Pressure	1.0	140	300	260	Without	1/4" PS	3/8" PS	15~28 PSI	520 g	20pcs/12.5kg/ 13.5kg/2.6 cu/ft
SGLP591S-14	Suction	1.4	130	300	260	1000 c.c.					
SGLP591S-16		1.6	140	300	260						
SGLP591S-20		2.0	150	310	260						

Item No.: SGLP601G

- Side Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGLP601G-08	Gravity	0.8	90	270	270	250 c.c. Or 400 c.c.	1/4" PS	1/4" PS	15~28 PSI	315 g	20pcs/16.5kg/ 17.5kg/2.5 cu/ft
SGLP601G-11		1.1	110	290	270						
SGLP601G-13		1.3	130	295	270						
SGLP601G-14		1.4	140	300	280						
SGLP601G-18		1.8	170	310	280						
SGLP601G-20		2.0	200	320	280						

Item No.: SGLP601S

- Lower Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGLP601S-08	Pressure	0.8	130	300	280	Without	1/4" PS	1/4" PS Or 3/8" PS	15~28 PSI	315 g	10pcs/10kg/ 11kg/2.2 cuft
SGLP601S-11		1.1	140	310	280						
SGLP601S-13	Suction	1.3	130	290	280	700 c.c Or 1000 c.c.					
SGLP601S-14		1.4	140	300	280						
SGLP601S-18		1.8	160	310	280						
SGLP601S-20		2.0	190	310	280						

Item No.: SGLP608G

- Upper Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGLP608G-13	Gravity	1.3	135	300	250	600 c.c.	1/4" PS	M16* 1.5P	15~28 PSI	620 g	10pcs/10.5kg/ 11.5kg/1.7 cu/ft
SGLP608G-14		1.4	145	300	250						
SGLP608G-15		1.5	170	310	250						
SGLP608G-17		1.7	190	310	250						
SGLP608G-20		2.0	200	320	250						
SGLP608G-25		2.5	210	330	250						
SGLP608G-30		3.0	220	330	250						
SGLP608G-35		3.5	230	330	250						

Item No.: SGLP800G

- Upper Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGLP800G-13	Gravity	1.3	135	300	250	600 c.c.	1/4" PS	M16* 1.5P	15~28 PSI	620 g	10pcs/10.5kg/ 11.5kg/1.7 cu/ft
SGLP800G-14		1.4	145	300	250						
SGLP800G-15		1.5	170	310	250						
SGLP800G-17		1.7	190	310	250						
SGLP800G-20		2.0	200	320	250						
SGLP800G-25		2.5	210	330	250						
SGLP800G-30		3.0	220	330	250						
SGLP800G-35		2.5	230	330	250						

Item No.: SGLP866G

- Upper Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGLP866G-13	Gravity	1.3	135	300	250	600 c.c	1/4" PS	M16* 1.5P	15~28 PSI	620 g	10pcs/10.5kg/ 11.5kg/1.7 cu/ft
SGLP866G-14		1.4	145	300	250						
SGLP866G-15		1.5	170	310	250						
SGLP866G-17		1.7	190	310	250						
SGLP866G-20		2.0	200	320	250						
SGLP866G-25		2.5	210	330	250						
SGLP866G-30		3.0	220	330	250						
SGLP866G-35		3.5	230	330	250						

Item No.: SGLP866S

- Lower Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGLP866S-13	Suction	1.3	130	290	260	1000 c.c	1/4" PS	3/8" PS	15~28 PSI	630 g	10pcs/14.16kg/ 15.16kg/1.7 cu/ft
SGLP866S-14		1.4	140	300	260						
SGLP866S-15		1.5	165	300	260						
SGLP866S-17		1.7	185	300	260						
SGLP866S-20		2.0	195	310	260						
SGLP866S-25		2.5	250	330	260						

Item No.: SGLP867G

- Upper Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGLP867G-13	Gravity	1.3	135	300	250	600 c.c	1/4" PS	M16* 1.5P	15~28 PSI	620 g	10pcs/10kg/ 11kg/1.7 cu/ft
SGLP867G-14		1.4	145	300	250						
SGLP867G-15		1.5	170	310	250						
SGLP867G-17		1.7	190	310	250						
SGLP867G-20		2.0	200	320	250						
SGLP867G-25		2.5	280	330	250						

Item No.: SGLP887G

- Lower Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGLP887G-13	Gravity	1.3	135	300	250	600 c.c	1/4" PS	M16* 1.5P	15~28 PSI	620 g	10pcs/10.5kg/ 11.5kg/1.7 cu/ft
SGLP887G-14		1.4	145	300	250						
SGLP887G-15		1.5	170	310	250						
SGLP887G-17		1.7	190	310	250						
SGLP887G-20		2.0	200	320	250						
SGLP887G-25		2.5	280	330	250						
SGLP887G-30		3.0	320	330	250						
SGLP887G-35		2.5	380	340	250						

Item No.: SGLP887S

- Lower Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGLP887S-13	Suction	1.3	130	290	260	1000 c.c	1/4" PS	3/8" PS	15~28 PSI	630 g	10pcs/14.02kg/ 15.02kg/1.7 cu/ft
SGLP887S-14		1.4	140	300	260						
SGLP887S-15		1.5	165	300	260						
SGLP887S-17		1.7	185	300	260						
SGLP887S-20		2.0	195	310	260						
SGLP887S-25		2.5	250	330	260						

HP System

Item No.: SGHP100S

- Lower Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP100S-08	Pressure	0.8	200	270	220	without	1/4" PS	1/4" PS Or 3/8" PS	30~45 PSI	410 g	20pcs/10.52kg/ 11.52kg/2.2 cu'ft
SGHP100S-10		1.0	220	280	220						
SGHP100S-13	Suction	1.3	170	270	200	700 c.c. Or 1000 c.c					
SGHP100S-15		1.5	190	280	200						
SGHP100S-18		1.8	210	280	230						
SGHP100S-20		2.0	240	280	230						
SGHP100S-25		2.5	270	290	230						

Item No.: SGHP100G

- Upper Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP100G-08	Gravity	0.8	100	230	200	250 c.c or 400 c.c	1/4" PS	1/4" PS	30~45 PSI	410 g	20pcs/17.72kg/ 18.72kg/2.5 cu'ft
SGHP100G-10		1.0	115	240	200						
SGHP100G-13		1.3	190	270	220						
SGHP100G-15		1.5	210	280	220						
SGHP100G-18		1.8	250	280	230						
SGHP100G-20		2.0	280	290	230						
SGHP100G-25		2.5	310	290	230						

Item No.: SGHP300S

- Lower Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP300S-12	Suction	1.2	170	300	245	1000 c.c	1/4" PS	3/8" PS	30~45 PSI	514 g	10pcs/12kg/ 13kg/1.7 cu'ft
SGHP300S-14		1.4	220	310	245						
SGHP300S-16		1.6	260	320	245						
SGHP300G-18		1.8	300	330	245						
SGHP300G-20		2.0	340	340	245						
SGHP300G-25		2.5	380	350	245						

Item No.: SGHP320G

- Side Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP320G-05	Gravity	0.5	55	130	80	125 c.c	1/4" PS	M14* 1.0P	30~45 PSI	280 g	20pcs/13.3kg/ 14.3kg/1.2 cu'ft
SGHP320G-08		0.8	80	140	90						
SGHP320G-10		1.0	95	140	90						
SGHP320G-12		1.2	110	140	90						

Item No.: SGHP410G

- Upper Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP410G-12	Gravity	1.2	130	300	280	600 c.c	1/4" PS	M16* 1.5P	18~25 PSI	514 g	10pcs/9kg/10kg/ 1.7 cu'ft
SGHP410G-14		1.4	150	310	280						
SGHP410G-16		1.6	180	320	280						
SGHP410G-18		1.8	200	320	280						
SGHP410G-20		2.0	230	330	280						
SGHP410G-25		2.5	280	350	280						

Item No.: SGHP413G

- Upper Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP413G-10	Gravity	1.0	130	290	320	600 c.c	1/4" PS	M16* 1.5P	30~45 PSI	514 g	10pcs/9kg/10kg/ 1.7 cu'ft
SGHP413G-12		1.2	170	300	320						
SGHP413G-13		1.3	210	305	320						
SGHP413G-14		1.4	220	310	320						
SGHP413G-15		1.5	240	315	320						
SGHP413G-16		1.6	260	320	320						
SGHP413G-18		1.8	300	330	320						
SGHP413G-20		2.0	340	340	320						
SGHP413G-25		2.5	380	350	320						

Item No.: SGHP501S

- Lower Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattem Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP501S-08	Pressure	0.8	170	240	190	without	1/4" PS	1/4" PS Or 3/8" PS	30~45 PSI	950 g	10pcs/9.5kg/ 10.5kg/1.7 cu'ft
SGHP501S-11		1.1	210	240	190						
SGHP501S-13	Suction	1.3	170	255	190	700 c.c. Or 1000 c.c					
SGHP501S-14		1.4	190	267	190						
SGHP501S-18		1.8	240	275	190						
SGHP501S-20		2.0	260	285	190						

Item No.: SGHP506M

- Upper Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP506M-11	Gravity	1.1	180	250	190	600 c.c.	1/4" PS	M18* 1.5P	30~45 PSI	486 g	10pcs/8.94kg/ 9.94kg/1.7 cu'ft
SGHP506M-14		1.4	210	260	190						
SGHP506M-18		1.8	260	270	190						
SGHP506M-20		2.0	300	280	190						

Item No.: SGHP506S

- Lower Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattem Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP506S-08	Pressure	0.8	170	240	200	without	1/4" PS	1/4" PS Or 3/8" PS	30~45 PSI	486 g	10pcs/10.5kg/ 11.5kg/1.7 cu'ft
SGHP506S-11		1.1	210	240	200						
SGHP506S-14	Suction	1.4	170	255	200	700 c.c. Or 1000 c.c					
SGHP506S-18		1.8	190	265	200						
SGHP506S-20		2.0	240	275	200						

Item No.: SGHP506G

- Side Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP506G-11	Gravity	1.1	130	250	190	250 c.c. Or 400 c.c	1/4" PS	1/4" PS	30~45 PSI	476 g	10pcs/9.64kg/ 10.64kg/1.3 cu'ft
SGHP506G-14		1.4	190	260	190						
SGHP506G-18		1.8	250	270	190						
SGHP506G-20		2.0	280	280	190						

Item No.: SGHP523G

- Side Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP523G-08	Gravity	0.8	70	240	190	250 c.c. Or 400 c.c	1/4" PS	1/4" PS	30~45 PSI	476 g	10pcs/9.6kg/ 10.6kg/1.3 cu'ft
SGHP523G-11		1.1	130	250	190						
SGHP523G-14		1.4	190	260	190						
SGHP523G-18		1.8	250	270	190						
SGHP523G-20		2.0	280	280	190						
SGHP523G-25		2.5	300	290	190						

Item No.: SGHP523S

- Lower Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattem Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP523S-08	Pressure	0.8	170	240	190	without	1/4" PS	1/4" PS Or 3/8" PS	30~45 PSI	486 g	10pcs/12kg/ 13kg/1.7 cu'ft
SGHP523S-11		1.1	210	240	190						
SGHP523S-14	Suction	1.4	170	255	190	700 c.c. Or 1000 c.c					
SGHP523S-18		1.8	190	265	190						
SGHP523S-20		2.0	240	275	190						
SGHP523S-25		2.5	260	285	190						

Item No.: SGHP600G

- Side Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP600G-08	Gravity	0.8	100	275	240	250 c.c. Or 400 c.c	1/4" PS	1/4" PS	30~45 PSI	315 g	20pcs/16.5kg/ 17.5kg/2.5 cu'ft
SGHP600G-11		1.1	140	290	240						
SGHP600G-13		1.3	160	295	240						
SGHP600G-14		1.4	170	300	240						
SGHP600G-18		1.8	230	310	240						
SGHP600G-20		2.0	250	320	240						

Item No.: SGHP607S

- Lower Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattem Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP607S-08	Pressure	0.8	200	270	200	without	1/4" PS	1/4" PS Or 3/8" PS	30~45 PSI	410 g	10pcs/9.5kg/ 10.5kg/2.2 cu'ft
SGHP607S-10		1.0	220	280	200						
SGHP607S-13	Suction	1.3	170	270	200	700 c.c. Or 1000 c.c					
SGHP607S-15		1.5	190	280	200						
SGHP607S-18		1.8	210	280	200						
SGHP607S-20		2.0	240	280	200						
SGHP607S-25		2.5	270	290	200						

Item No.: SGHP607G

- Side Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP607G-08	Gravity	0.8	100	230	200	250 c.c. Or 400 c.c	1/4" PS	1/4" PS	30~45 PSI	850 g	20pcs/17kg/ 18kg/2.5 cu'ft
SGHP607G-10		1.0	110	240	200						
SGHP607G-13		1.3	190	270	200						
SGHP607G-15		1.5	210	280	200						
SGHP607G-18		1.8	250	280	200						
SGHP607G-20		2.0	280	290	200						
SGHP607G-25		2.5	310	290	200						

Item No.: SGHP630G

- Side Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP630G-08	Pressure	0.8	100	280	200	250 c.c. Or 400 c.c	1/4" PS	1/4" PS	30~45 PSI	480 g	20pcs/20kg/ 21kg/2.5 cu'ft
SGHP630G-10		1.0	110	240	200						
SGHP630G-13	Suction	1.3	200	270	200						
SGHP630G-15		1.5	220	280	200						
SGHP630G-18		1.8	240	280	200						
SGHP630G-20		2.0	280	290	200						
SGHP630G-25		2.5	310	300	200						

Item No.: SGHP630S

- Lower Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP630S-08	Pressure	0.8	200	280	200	without	1/4" PS	1/4" PS Or 3/8" PS	30~45 PSI	480 g	10pcs/11kg/ 12kg/2.2 cu ft
SGHP630S-10		1.0	220	280	200						
SGHP630S-13	Suction	1.3	165	270	200	700 c.c. Or 1000 c.c					
SGHP630S-15		1.5	180	280	200						
SGHP630S-18		1.8	230	280	200						
SGHP630S-20		2.0	250	290	200						
SGHP630S-25		2.5	290	300	200						

Item No.: SGHP665G

- Upper Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP665G-13	Gravity	1.3	190	265	190	600 c.c.	1/4" PS	M16* 1.5P	30~45 PSI	620 g	10pcs/10.5kg/ 11.5kg/1.7 cu'ft
SGHP665G-14		1.4	210	270	190						
SGHP665G-15		1.5	250	270	190						
SGHP665G-17		1.7	300	275	190						
SGHP665G-20		2.0	350	280	190						
SGHP665G-25		2.5	400	280	190						
SGHP665G-30		3.0	450	280	190						
SGHP665G-35		3.5	500	290	190						

Item No.: SGHP665S

- Lower Cup



Item No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP665S-13	Suction	1.3	120	260	220	1000 c.c.	1/4" PS	3/8" PS	30~45 PSI	630 g	10pcs/14kg/15kg/1.7 cu/ft
SGHP665S-14		1.4	165	265	220						
SGHP665S-15		1.5	180	265	220						
SGHP665S-17		1.7	210	270	220						
SGHP665S-20		2.0	250	275	220						
SGHP665S-25		2.5	300	275	220						
SGHP665S-30		3.0	350	285	220						
SGHP665S-35		3.5	400	300	220						

Item No.: SGHP869S

- Lower Cup



Model No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP869S-13	Suction	1.3	120	260	200	without	1/4" PS	3/8" PS	30~45 PSI	630 g	10pcs/14kg/ 15kg/1.7 cu/ft
SGHP869S-14		1.4	165	265	200	1000 c.c					
SGHP869S-15		1.5	180	265	200						
SGHP869S-17		1.7	210	270	200						
SGHP869S-20		2.0	250	275	200						
SGHP869S-25		2.5	300	275	200						
SGHP869S-30		3.0	350	285	200						
SGHP869S-35		3.5	400	300	200						

Item No.: SGHP869G

- Upper Cup



Model No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP869G-13	Gravity	1.3	190	265	200	600 c.c.	1/4" PS	M16* 1.5P	30~45 PSI	620 g	10pcs/10kg/11kg/1.7 cu/ft
SGHP869G-14		1.4	210	270	200						
SGHP869G-15		1.5	250	270	200						
SGHP869G-17		1.7	300	275	200						
SGHP869G-20		2.0	350	280	200						
SGHP869G-25		2.5	400	280	200						

Item No.: SGHP871S

- Lower Cup



Model No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP871S-25	Suction	2.5	450	400	230	1000 c.c.	1/4" PS	16 mm	35~45 PSI	560 g	10pcs/13.5kg/14.5kg/1.7 cu/ft

Item No.: SGHP888G

- Side Cup



Model No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP888G-08	Pressure	0.8	100	260	200	250 c.c. Or 400 c.c.	1/4" PS	1/4" PS	30~45 PSI	460 g	20pcs/20kg/21kg/2.5 cu/ft
SGHP888G-10		1.0	110	240	200						
SGHP888G-13	Gravity	1.3	200	270	200						
SGHP888G-15		1.5	220	280	200						
SGHP888G-18		1.8	240	280	200						
SGHP888G-20		2.0	280	290	200						
SGHP888G-25		2.5	310	300	200						

Item No.: SGHP899S

- Lower Cup



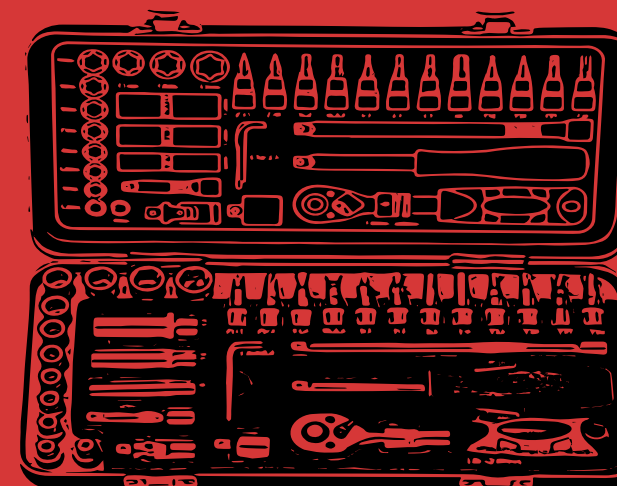
Model No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP899S-08	Pressure	0.8	200	280	220	without	1/4" PS	1/4" PS Or 3/8" PS	30~45 PSI	450 g	10pcs/12.5kg/ 13.5kg/2.2 cu'f
SGHP899S-10		1.0	220	280	220						
SGHP899S-13	Suction	1.3	165	270	220	700 c.c. Or 1000 c.c					
SGHP899S-15		1.5	180	280	220						
SGHP899S-18		1.8	230	280	220						
SGHP899S-20		2.0	250	290	220						
SGHP899S-25		2.5	290	300	220						

Item No.: SGHP899G

- Side Cup



Model No.	Type	Nozzle Size (mm)	Fluid Output (cc/min)	Pattern Width (mm)	Air Consumption (l/min)	Cup Capacity	Air Inlet	Fluid Inlet	Working Pressure	Gun Weight	Packing
SGHP899G-10	Gravity	1.0	110	250	220	250 c.c Or 400 c.c	1/4" PS	1/4" PS	30~45 PSI	450 g	20pcs/19.8kg/ 20.8kg/2.5 cu'ft
SGHP899G-13		1.3	200	270	220						
SGHP899G-15		1.5	220	280	220						
SGHP899G-18		1.8	240	280	220						
SGHP899G-20		2.0	260	290	220						
SGHP899G-25		2.5	310	300	220						



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