

2020/21 - TOPTUL®

# TOPTUL®

THE MARK OF PROFESSIONAL TOOLS



## 2020/21 Professional Hand Tools CATALOGUE

- Master Tool Sets
- Wrenches & Torque Wrenches
- Hand Sockets, Bit Sockets & Accessories
- Impact Sockets, Bit Sockets, Accessories
- Pneumatic & Power Tools
- Hexagon & Star Keys
- Screwdrivers, Bits & Power Bits
- Pliers
- Hammers & Striking Tools
- Tool Storage & Display
- Auto Tools
- VDE Insulated & General Electrician's Tools
- Other Tools



**TOPTUL Interlocking Tool Box**

104PCS Professional Mechanical Tool Set

# TOPTUL®

THE MARK OF PROFESSIONAL TOOLS

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ROTAR GROUP

TOPTUL AGENT



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# TOPTUL®

THE MARK OF PROFESSIONAL TOOLS

## IN THE PROFESSIONAL HAND TOOL INDUSTRY

TOPTUL® is a reliable tool brand offering a comprehensive range of high performance and superior quality tool selections to meet the demands of today's professional users. In this latest edition of TOPTUL® product tool catalogue, new developed and innovative tools, tool sets, trolleys and automotive specialty tools are also introduced for professionals.

Being a quality-oriented tool company, TOPTUL® looks forward to leading the continual advancement of the tools not only just through research and development, but also by being guided by what is in the hearts and souls of end-users around the world.

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132		<b>Hand Sockets, Bit Sockets &amp; Accessories</b> Full range of flank sockets with maxi-drive. Available in 1/4", 3/8", 1/2", 3/4" & 1".		132
186		<b>Impact Sockets, Bit Sockets, Accessories, Pneumatic &amp; Power Tools</b> Specialized impact tools for auto maintenance and repairs. Available in 3/8", 1/2", 3/4", 1" & 1-1/2".		186
236		<b>Hexagon &amp; Star Keys</b> Practical allen and star key wrenches for screw fastening and unfastening works.		236
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330		<b>Auto Tools</b> Automotive specialty tools for auto mechanical repairs & maintenance.		330
378		<b>VDE Insulated &amp; General Electrician's Tools</b> Protective insulated & electrician's tools are suited for specific applications when working with electrical systems.		378
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# PROFESSIONAL HAND TOOL INDUSTRY



## DEPENDABLE QUALITY ASSURANCE

A quality tool requires an experience-refined manufacturing process. At **TOPTUL®** tools, every step of production is done with meticulous care. From market study, product design, material selection, prototyping, mass manufacturing, to a thorough final inspection and packaging are all the important steps to ensure the maximum reliability and durability of the products.

**CERTIFIED  
TOOL MANUFACTURER ISO-9001**

## ABOUT

**TOPTUL®**, a professional tool brand of Rotar Machinery Industrial Co., Ltd. (Rotar Group) has been established for over thirty five years since 1981. The brand is focused on providing premium quality tools through its own production plants and supply chains. With over 35 years of expertise and experiences in the field of professional tools, **TOPTUL®** tools are designed and made for all professional users who expect of their tools the same excellent quality and performance that they demand.

Today, **TOPTUL®** professional tools are widely used by various industrial maintenances and fitting, automotive repairs and maintenances, militaries, aerospace industry, mining industry, heavy duty industry and all kind of mechanical service industries.

**TOPTUL®**, "the mark of professional tools."



## GLOBAL DISTRIBUTION

**TOPTUL®** Worldwide Sales & Distribution Network has created another tremendous success in the global professional tool market.

Thanks to all the main dealers and distributors with the endeavors and contributions to the achievement. Currently, TOPTUL product range includes more than 6,000 individual tools and sets supplying to over 110 countries. To join TOPTUL Professional Tools Distribution Team, don't hesitate to contact us now at [service@toptul.com](mailto:service@toptul.com) for further information and to learn all about our special bonus package.





## BRAND GLOBALIZATION & SPONSORSHIP



TOPTUL currently conducts its sales distribution worldwide with more than 128 major dealers and distributors in 115 countries. In order to maximize brand awareness and exposure and enable TOPTUL to become one of the most recognizable professional tool brands globally, besides the continuously strong product launch promotional campaign, the brand is also being actively involved in motorsport sponsorship in different regions around the world since 2010.



## INTERNATIONAL TRADESHOWS

For the purpose of enhancing brand visibility and product comprehensiveness to reinforce the competitiveness and credibility, ROTAR Group has sustained to participate the international hardware tradeshow in listening every specific requirement of tools from various markets while investigating for both quality improvement and product development to deeply touch in need from global customer.



## ONLINE PRESELECTION

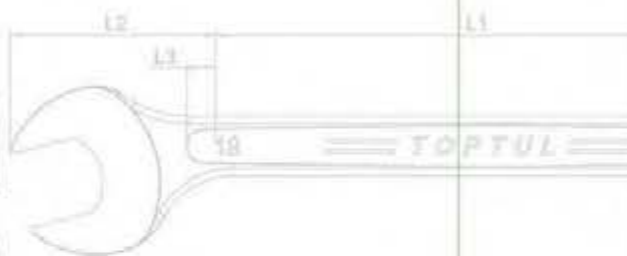


All **TOPTUL®** professional tools are engineered and committed to provide the highest levels of performance, durability and comfort. The brand also offers a full range of specialist tools designed to make the professional's job easier and safer. Search the **TOPTUL®** website at [www.toptul.com](http://www.toptul.com) for the latest information about newly-released products and tool assortments via smartphones and desktop computers.



ABOUT TOPTUL





# PROFESSIONAL MANUFACTURING

## STRICTLY CONTROLLING OF THE MANUFACTURING PROCESSES

Following the principle of producing high quality products, every step of process manufacturing, from forging to final control of surface finishing treatment, is demandingly inspected and screened to ensure customers are delighted by the quality of **TOPTUL** tools.



To produce a reliable tool would be the key concept in **TOPTUL** production chains. Currently, the **TOPTUL** tool production plants, packaging lines and storage warehouse occupy a total area of 22,000 square meters with a floor space of 31,500 square meters.

## RELIABLE PRODUCTION CHAINS





# THE MAIN CONCEPT OF TOPTUL PRODUCTION CONTROL

## A STRICT QUALITY CONTROL

**TOPTUL®** Q.C. Department and R&D Engineers constantly review and improve the product testing & quality control procedures and standards based on either positive or negative feedbacks from global end-users.

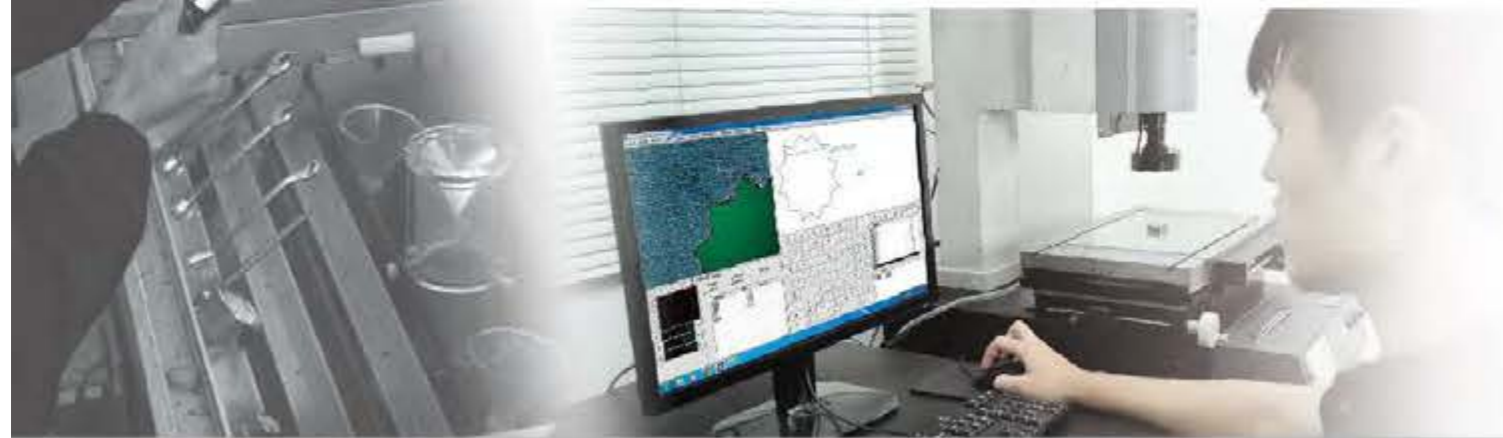


▲ 10000V dielectric test

**DIN ANSI ISO9001**



**TOPTUL®** professional tools are manufactured by TOPTUL production facilities and supply chains based on TOPTUL Design & Quality Specifications under ISO-9001 Edition Quality Management. To ensure a high accuracy in measurements and dimensions, TOPTUL tools are produced according to international standards as DIN, ANSI norms were ever applicable.



▲ Impact test



▲ Flame retardant test





# HAND PACKAGING QUALITY CONTROL



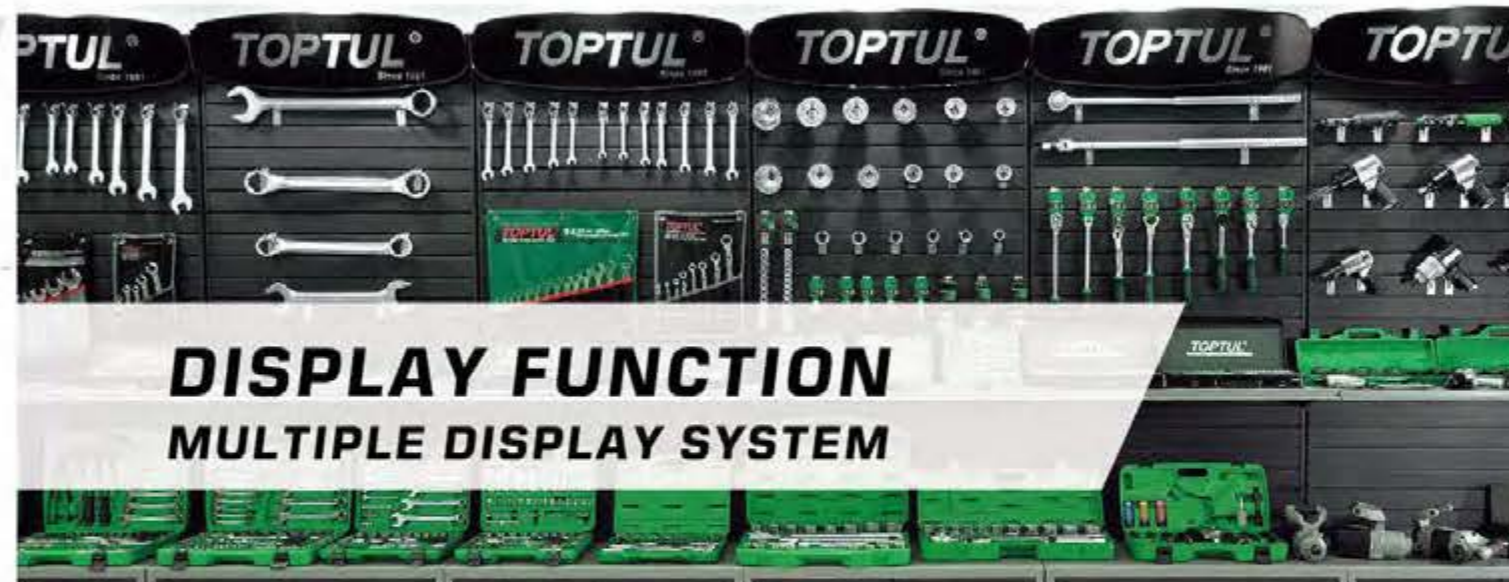
Refined products require ideal packing for protection. **TOPTUL®** specialized packaging design fully utilizes in term of space used. It benefits the efficiency of storing and manage the supply from transportation to retail.

## ECONOMIZED AND EFFICIENT PACKAGING DESIGN ARE NOTABLE FEATURES

Considering the harmony between cost and functionality, **TOPTUL®** not only moderates packing materials and spaces but idealizes the functions of protection and display.



Diverse packaging strategy for all products, **TOPTUL** generally supplies colorbox, blister, hanger, zipper bag and so on to meet various requirement of package from market



## DISPLAY FUNCTION MULTIPLE DISPLAY SYSTEM

With specialized packaging design of **TOPTUL®** all products, the professional display stand can be collocated with various type of hooks. The display stand makes easy demonstration on panel to bring out the brand image and optimum arrangement of sales outlet.

## PACKING INFORMATION

**TOPTUL®** packaging design ensures all the technical characteristics of products are visible and readable. The specialized packing displays information on application, maintainability and other detail of specification of tools.



With specialized blow case design, the user can make it easier for displaying and carrying **TOPTUL** professional tools.



ABOUT TOPTUL



# NEW PRODUCTS



▶ **TCAP0701**  
7-Drawer Mobile Tool Trolley  
Bumper Series  
303



▶ **TCAD0206**  
2-Drawer Service Cart  
314



▶ **KHAP0815**  
Air Hose Reel  
226



▶ **GCAI130T0**  
130PCS 1/4" & 1/2" DR.  
Flank Socket Wrench Set  
184



▶ **GABW2301**  
23PCS 1/4" DR. Mini  
Ratchet Socket & Bit Set  
172



▶ **GSN-09EB**  
9PCS Extra Long Type  
Ball Point Hex Key Wrench Set  
242



▶ **EGAE0801**  
8PCS Gas Soldering Iron Set  
390



▶ **EAAB0260E**  
Digital Multimeter  
385



▶ **JJBZ0115**  
Manual Fluid Extractor  
373

# NEW CATEGORY 11

## VDE Insulated & General Electrician's Tools

In this latest release of general product catalogue, TOPTUL introduces a new range of electrician's tools to better cater to the various demands from different users around the world. The added category includes different types of electrical measuring instruments, high voltage insulated tools, cable cutting tools, soldering tools and crimping tools. All the products are precisely manufactured and strictly inspected in the hope of providing comfortable, convenient, safety and reliable using experience to all users.



ABOUT TOPTUL



# SYMBOL

## WARRANTY SAFETY RECOMMENDATION

**TOPTUL® Professional Tools**, unless otherwise specified, are unconditionally guaranteed against any defects in materials and workmanship for the life of the tool. We will repair or replace any tool that fails to give satisfactory service, on the condition that the tool has not been abused or modified and that it is returned to an authorized warranty TOPTUL dealer. Users can always rely on TOPTUL high quality professional tools.

### COMMON PROBLEMS THAT ARE NOT COVERED BY TOPTUL WARRANTY



#### Misuse & Abusing TOPTUL products:

For instance, misusing the screwdrivers as chisels, or hit wrenches with a hammer to increase driving force. The bad worn products are resulted from misuse and abuse.



#### Altered TOPTUL products:

For instance, thin out certain facet of products purposely to increase the operating space. The altered, thin open-end of wrench allows users to work in a confined area but easily resulted in distortion of wrench.



#### Imposed an improper External Force on using TOPTUL products:

For instance, add an additional steel pipe with wrench handle to enhance leverage. The increased strong force which imposed on the products can easily cause damage and distortion to the wrenches.



#### Using hand tool product as Air impact tools or Power tools:

For instance, the generated intensive force from impact wrench that imposed on hand socket can easily cause cracks around the socket drive.

### WARNING & SAFETY RECOMMENDATION

Service.Technology.Quality



Do Not Impose Strength When Screwdriver Blade Tip Is Not Vertical To The Screw



Do Not Open Multiple Drawers At A Time



Do Not Use Screwdrivers As Pry Bars, Levers, Punches Or Chisels



Do Not Use Pliers To Hammer/Strike The Bolts And Nuts



Do Not Twist The Ratchet When The Sockets Is Not Engaged To The Fastener Head Fully



Do Not Use Pliers To Tighten Or Loosen The Bolts And Nuts



Read Proper Instructions Before Use Tools



Wear Safety Goggles During Work At All Time



### Square Drive

- 1/4" (6.3mm) 1/4" Drive
- 3/8" (10mm) 3/8" Drive
- 1/2" (12.5mm) 1/2" Drive
- 3/4" (20mm) 3/4" Drive
- 1" (25mm) 1" Drive
- 1-1/2" (40mm) 1-1/2" Drive

### Certified Safety & Quality



VDE TESTED. VOLTAGE WITH STAND STRENGTH UP TO 1000 VOLT



SOCKET 6PT	SOCKET 12PT	SOCKET STAR	SLOTTED	PHILLIPS	POZIDRIV	STAR	STAR TAMPERPROOF	PENTACLE	RIBE	SQUARE	HEX	HEX BALL	TRI-WING	SPANNER	TORQ-SET	HEXAGON TAMPERPROOF	Internal Circlip	External Circlip
------------	-------------	-------------	---------	----------	----------	------	------------------	----------	------	--------	-----	----------	----------	---------	----------	---------------------	------------------	------------------

### Material

- CR-V Chrome Vanadium Alloy Steel
- CR-MO Chrome Molybdenum Alloy Steel
- SN-CM-V Nickel Chrome Molybdenum Alloy Steel
- S2 High Speed Tool Steel
- CR-V+S2 Chrome Vanadium Alloy Steel + High Speed Tool Steel
- SUS Stainless Steel

### Packing

- Inner Box Quantity
- Outer Carton Quantity





**Master Tool Sets Professional**

mechanical tool sets with mobile trolley and cabinet.

**GENERAL WORKSHOP EQUIPMENT**



*EPE Foam Modular Insert Tray System*



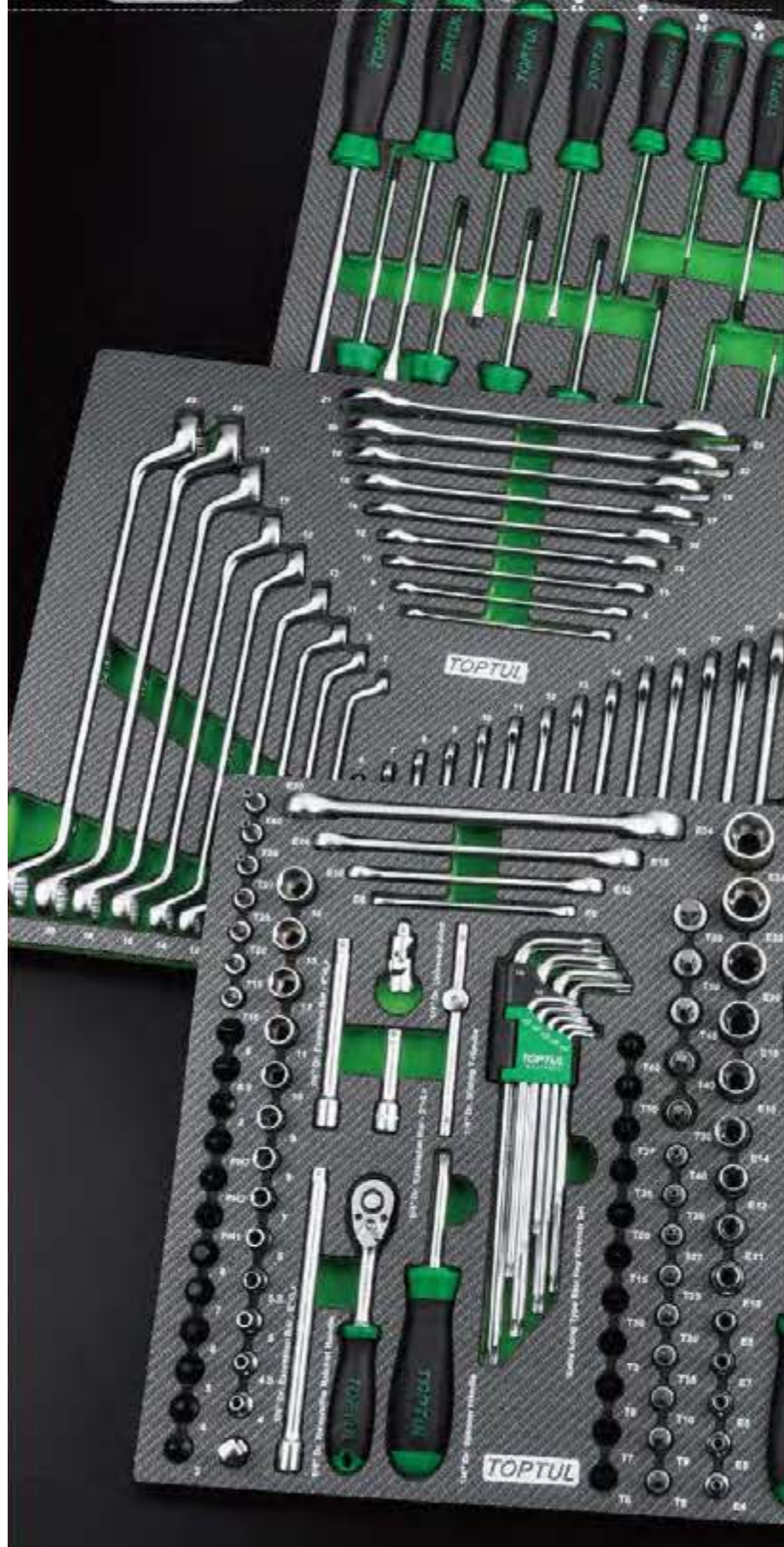
**EPE Foam Modular Tool Control System**

Spanner & Socket sets and tool kits now feature new EPE form insert trays to reduce wear on tools and keep them well-organized. Ideal for tool cabinet arrangements or tool box storage.

**New Innovated EPE Foam**

High identification, oil resistance and practicality are the notable features of this new Innovated EPE Foam.

The special, new developed material on top carbon fibre type covered EPE foam is one-piece formed. The top grade cover can resist liquids and it can be easily cleaned with a washer. These new EPE form trays are precisely made and cut by CNC machinery, each cavity is purposely designed for each tool to ensure a perfect fit. The top carbon fibre type covered with high visible printing design and green base, will assist user to instantly recognize if all tools have been returned after use.



**4 DRAWER TOOLS**

W/7 DRAWER TOOL TROLLEY



**NEW**

**213PCS**  
**ITEM NO.**  
**GE-21322**

**BUMPER SERIES**

**W/7-Drawer Tool Trolley - 213PCS Mechanical Tool Set**

CONTENTS	DESCRIPTION	PAGE
TCAP0701	7-Drawer Mobile Tool Trolley	303
1 <sup>ST</sup> GEDD348	133 1/4" & 1/2" DR. Flank Socket Set	16
2 <sup>ND</sup> GED3649	33 Combination, Double Open End & Double Ring Wrench Set	14
3 <sup>RD</sup> GED3102	31 Screwdriver Set	17
4 <sup>TH</sup> GED1353	13 Pliers & Hammer Set	19



Smart foldable key



Impact protection (Soft bumpers)



Working platform in ABS, with 3 compartments for small parts

**Master Tool Set Series**

**4 DRAWER TOOLS**



1<sup>ST</sup> DRAWER

GEDD348



2<sup>ND</sup> DRAWER

GED3649



3<sup>RD</sup> DRAWER

GED3102



4<sup>TH</sup> DRAWER

GED1353



03 Master Tool Set Series

W/8 DRAWER TOOL TROLLEY

448 PCS

8 DRAWER TOOLS



W/8-Drawer Tool Trolley - 448PCS Mechanical Tool Set

CONTENTS	DESCRIPTION	PAGE
TCBL0803	8-Drawer Mobile Tool Trolley	307
1 <sup>ST</sup> GEDB431	114 1/4" DR. Flank Socket, Key Wrench & Screwdriver Set	18
2 <sup>ND</sup> GEDA429	104 3/8" & 1/2" DR. Flank Socket Set	16
3 <sup>RD</sup> GED3025	50 15" Offset Standard Combination Wrench Set	13
4 <sup>TH</sup> GED3730	37 Wrench Assortment Set	14
5 <sup>TH</sup> GED2332	23 Hammer, Punch, Chisel & Plier Set	20
6 <sup>TH</sup> GED7528	75 3/8" & 1/2" DR. Impact Socket Set	17
7 <sup>TH</sup> GED3426	34 3/4" DR. Impact Socket Set	17
8 <sup>TH</sup> GED3108	31 3/4" DR. Flank Socket Set (METRIC & SAE)	15

PRO-PLUS SERIES GRAY

448PCS  
ITEM NO.  
GE-44803

8 DRAWER TOOLS



3<sup>RD</sup> DRAWER

GED3025



6<sup>TH</sup> DRAWER

GED7528



1<sup>ST</sup> DRAWER

GEDB431



4<sup>TH</sup> DRAWER

GED3730



7<sup>TH</sup> DRAWER

GED3426



2<sup>ND</sup> DRAWER

GEDA429



5<sup>TH</sup> DRAWER

GED2332



8<sup>TH</sup> DRAWER

GED3108

7 DRAWER TOOLS

W/8-Drawer Tool Trolley - 322PCS Mechanical Tool Set

CONTENTS	DESCRIPTION	PAGE
TCBL0803	8-Drawer Mobile Tool Trolley	307
1 <sup>ST</sup> GED2813	33 Combination & Double Ring Wrench Set	13
GEA1001	10 Pro-Series Reversible Ratchet Combination Wrench Set	10
2 <sup>ND</sup> GEA1102	11 Double Open Wrench Set	10
GEA0703	7 Double End Swivel-Socket Wrench Set	10
3 <sup>RD</sup> GEA5004	33 1/4" DR. Socket Set	10
GEC3901	33 1/2" DR. Socket Set	12
4 <sup>TH</sup> GEC6102	31 Star Wrench, Socket & Screwdriver Set	12
GEA3005	33 3/8" DR. Socket Set	10
5 <sup>TH</sup> GEB2501	23 1/2" DR. Bit Socket Set	11
GEB2902	23 1/2" DR. Impact Socket Set	11
6 <sup>TH</sup> GEA0306	3 Pliers Assortment Set	11
GEA0407	4 Pliers Assortment Set	11
GEA0408	4 Retaining Ring Pliers Set	11
GEA0909	9 Screwdriver Set	11
7 <sup>TH</sup> GEA0410	4 Hex Nut Driver T-Handle Set	10
GEA0811	4 Hammer, Punch & Chisel Set	10

W/8 DRAWER TOOL TROLLEY

322PCS  
ITEM NO.  
GE-32203



PRO-PLUS SERIES GRAY

7 DRAWER TOOLS



1<sup>ST</sup> DRAWER

GED2813



2<sup>ND</sup> DRAWER

GEA1001 GEA1102 GEA0703



3<sup>RD</sup> DRAWER

GEA5004 GEC3901



4<sup>TH</sup> DRAWER

GEC6102 GEA3005



5<sup>TH</sup> DRAWER

GEB2501 GEB2902



6<sup>TH</sup> DRAWER

GEA0306 GEA0407 GEA0408



7<sup>TH</sup> DRAWER

GEA0909 GEA0410 GEA0811



# SPECIALLY ASSEMBLED

FOR AUDI AND VOLKSWAGEN

W/7 DRAWER TOOL TROLLEY

**282PCS**  
ITEM NO.  
GE-28210



PRO-PLUS SERIES BLUE

W/7-Drawer Tool Trolley - 282PCS Mechanical Tool Set

CONTENTS	DESCRIPTION	PAGE
TCAL0704	7-Drawer Mobile Tool Trolley	306
1 <sup>ST</sup> GED3701	37 Combination, Double Open End & Double Ring Wrench Set	13
2 <sup>ND</sup> GED3102	31 Screwdriver Set	17
3 <sup>RD</sup> GEDC803	129 1/4" & 3/8" DR. Flank Socket Wrench Set	15
4 <sup>TH</sup> GED6504	66 1/2" DR. Flank Socket Set	17
5 <sup>TH</sup> GED2105	24 Hammer, Punch, Chisel & Plier Set	20

## 308PCS W/7-Drawer Tool Trolley

PRO-PLUS SERIES



## 5 DRAWER TOOLS

W/7-Drawer Tool Trolley - 308PCS Mechanical Tool Set

CONTENTS	DESCRIPTION	PAGE
1 <sup>ST</sup> GEDB431	114 1/4" DR. Flank Socket, Key Wrench & Screwdriver Set	18
2 <sup>ND</sup> GEDA429	66 3/8" & 1/2" DR. Flank Socket Set	16
3 <sup>RD</sup> GED3025	36 15" Offset Standard Combination Wrench Set	13
4 <sup>TH</sup> GED3730	37 Wrench Assortment Set	14
5 <sup>TH</sup> GED2332	24 Hammer, Punch, Chisel & Plier Set	20

GENERAL SERIES



# 5 DRAWER TOOLS

# 5

FOR AUDI AND VOLKSWAGEN



1<sup>ST</sup> DRAWER

GED3701



2<sup>ND</sup> DRAWER

GED3102

## 5 DRAWER TOOLS



1<sup>ST</sup> DRAWER

GEDB431



2<sup>ND</sup> DRAWER

GEDA429



3<sup>RD</sup> DRAWER

GED3025



3<sup>RD</sup> DRAWER

GEDC803



4<sup>TH</sup> DRAWER

GED6504



5<sup>TH</sup> DRAWER

GED2105



4<sup>TH</sup> DRAWER

GED3730



5<sup>TH</sup> DRAWER

GED2332

# 308PCS



**261PCS** W/7-Drawer Tool Trolley

PRO-PLUS SERIES



ITEM NO. GE-26117



ITEM NO. GE-26118



ITEM NO. GE-26110



ITEM NO. GE-26109

GENERAL SERIES



ITEM NO. GE-26105



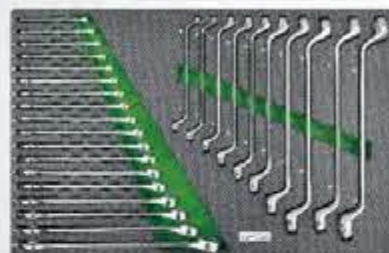
ITEM NO. GE-26106

**5** DRAWER TOOLS

W/7-Drawer Tool Trolley - 261PCS Mechanical Tool Set

CONTENTS	DESCRIPTION	PAGE
1 <sup>ST</sup> GED2813	24 Combination & Double Ring Wrench Set	13
2 <sup>ND</sup> GEA5004	14 1/4" DR. Socket Set	10
GEC3901	14 1/2" DR. Socket Set	12
3 <sup>RD</sup> GEC6102	61 Star Wrench, Socket & Screwdriver Set	12
GEA3005	14 3/8" DR. Socket Set	10
4 <sup>TH</sup> GEB2501	14 1/2" DR. Bit Socket Set	11
GEB1203	14 Screwdriver Set	12
GEA0811	1 Hammer, Punch & Chisel Set	10
5 <sup>TH</sup> GEA0407	1 Pliers Assortment Set	11
GEA0408	1 Retaining Ring Pliers Set	11

**5** DRAWER TOOLS



1<sup>ST</sup> DRAWER

GED2813



2<sup>ND</sup> DRAWER

GEA5004

GEC3901



3<sup>RD</sup> DRAWER

GEC6102

GEA3005



4<sup>TH</sup> DRAWER

GEB2501

GEB1203



5<sup>TH</sup> DRAWER

GEA0811

GEA0407

GEA0408

W/7 DRAWER TOOL TROLLEY

**5** DRAWER TOOLS

**214PCS**

PRO-LINE SERIES



ITEM NO. GE-21404

GENERAL SERIES



ITEM NO. GE-21403



ITEM NO. GE-21406



ITEM NO. GE-21405

**214PCS**

W/7-Drawer Tool Trolley Mechanical Tool Set

W/7-Drawer Tool Trolley - 214PCS Mechanical Tool Set

CONTENTS	DESCRIPTION	PAGE
1 <sup>ST</sup> GED3710	37 Combination, Double Open End & Double Ring Wrench Set	13
2 <sup>ND</sup> GED2007	19 Hex Nutspinner & L-Type Two Way Ball Point Key Wrench Set	18
3 <sup>RD</sup> GEDC611	14 1/4", 3/8" & 1/2" DR. Flank Socket Set	16
4 <sup>TH</sup> GED1912	19 Adjustable Wrench, Plier & Screwdriver Set	18
5 <sup>TH</sup> GED1209	14 Combination Tool Set	19

**5** DRAWER TOOLS



1<sup>ST</sup> DRAWER

GED3710



2<sup>ND</sup> DRAWER

GED2007



3<sup>RD</sup> DRAWER

GEDC611



4<sup>TH</sup> DRAWER

GED1912



5<sup>TH</sup> DRAWER

GED1209



# Master Tool Set Series

PRO-LINE SERIES



ITEM NO. **GE-20803**

ITEM NO. **GE-20804**

GENERAL SERIES



ITEM NO. **GE-20805**

ITEM NO. **GE-20806**

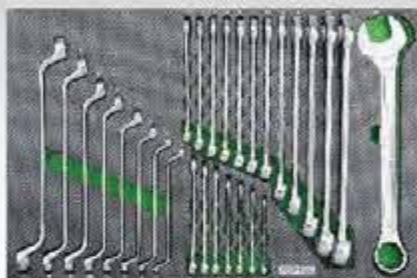
**W/7-Drawer Tool Trolley - 208PCS Mechanical Tool Set**

CONTENTS	DESCRIPTION	PAGE
1 <sup>ST</sup> GED2818	Combination & Double Ring Wrench Set	13
2 <sup>ND</sup> GEDB117	1/4" & 1/2" DR. Flank Socket Set	15
3 <sup>RD</sup> GED3421	Wrench Assortment & Pliers Set	14
4 <sup>TH</sup> GED1322	Hammer, Punch, Hacksaw & Pliers Set	19
5 <sup>TH</sup> GED2224	Screwdriver, L-Type Two Way Ball Point & Hex Key Wrench Set	18

**208PCS**  
W/7-Drawer Tool Trolley  
Mechanical Tool Set

208PCS

## 5 DRAWER TOOLS



1<sup>ST</sup> DRAWER

GED2818



2<sup>ND</sup> DRAWER

GEDB117



3<sup>RD</sup> DRAWER

GED3421



4<sup>TH</sup> DRAWER

GED1322



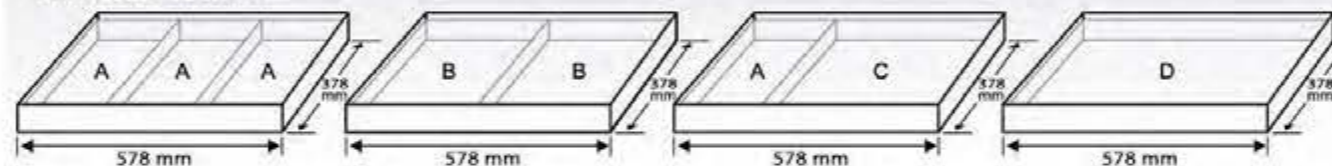
5<sup>TH</sup> DRAWER

GED2224

# New Modular Insert Tray System

NEW MECHANICS TOOL SETS IN EPE FOAM INSERT TRAY

All New TOPTUL high quality EPE form drawer tool sets are currently designed with 4 interchangeable insert sizes (A, B, C, D) allowing users to mix and match personally best favorite and suitable tool selection within each drawer.



30PCS

3/8" DR. Socket Set

Satin Chrome Finished



50PCS

1/4" DR. Socket Set

Satin Chrome Finished



11PCS

Double Open Wrench Set

Satin Chrome Finished



ITEM NO. CONTENTS

6 (SET)  
GEA1102 11 AAEJ0607-3032 Double Open End Wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 30x32 mm

ITEM NO. CONTENTS

6 (SET)  
GEA3005 18 BAEA1208-1224 3/8" Dr. 6PT Flank Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24 mm  
18 BAEE1208-1219 3/8" Dr. 6PT Flank Deep Sockets 8, 10, 12, 13, 14, 17, 19 mm  
1 CAAA1203-1210 3/8" Dr. Extension Bar - 3", 6", 10" (L)  
1 CTCK1220 3/8" Dr. Sliding T-Handle  
1 CAHA1254 3/8" Dr. Universal Joint  
1 CJBG1220 3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release  
1 CJHM1228 3/8" Dr. 72 Teeth Flexible Reversible Ratchet Handle with Quick Release

ITEM NO. CONTENTS

6 (SET)  
GEA5004 13 BAEA0804-0814 1/4" Dr. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm  
13 BAEE0806-0813 1/4" Dr. 6PT Flank Deep Sockets 6, 7, 8, 9, 10, 11, 12, 13 mm  
1 BCAA0803-0808 1/4" Dr. Hex Bit Sockets 3, 4, 5, 6, 8 mm  
1 BCCA0803-0808 1/4" Dr. Slotted Bit Sockets 3, 5.5, 8 mm  
1 BCAA08P0-08P2 1/4" Dr. Phillips Bit Sockets PH0, PH1, PH2  
1 BCBA08P0-08P2 1/4" Dr. Pozid Bit Sockets PZ0, PZ1, PZ2  
1 CAIP0816 1/4" Dr. Spinner Handle  
1 CTCK0811 1/4" Dr. Sliding T-Handle  
1 CAHA0840 1/4" Dr. Universal Joint  
1 CAAA0802 & 0806 1/4" Dr. Extension Bar - 2" & 6" (L)  
1 CJB0815 1/4" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release  
1 GAAL0917 Extra Long Ball Point Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm

7PCS

Double End Swivel-Socket Wrench Set

Satin Chrome Finished



10PCS

Pro-Series Reversible Ratchet Combination Wrench Set

Satin Chrome Finished



ITEM NO. CONTENTS

6 (SET)  
GEA0703 10 AEEC0607-1819 Double End Swivel-Socket Wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19 mm

4PCS

Hex Nut Driver T-Handle Set

Satin Chrome Finished



ITEM NO. CONTENTS

6 (SET)  
GEA0410 3 CTJA0823-1323 Hex Nut Driver T-Handle 8, 10, 12, 13 mm

8PCS

Hammer, Punch & Chisel Set



ITEM NO. CONTENTS

6 (SET)  
GEA0611 1 HAAA0532 Engineers Hammer (500g)  
1 HBAA0313-0618 Pin Punch 3x130, 4x150, 5x160, 6x180 mm  
1 HBA0414 Taper Punch - 4x140 mm  
1 HCAB1918 & 2522 Flat Chisel - 19x180 & 25x220 mm



**4PCS**  
Pliers Assortment Set



ITEM NO.	CONTENTS
GEA0407	1 DEBC2207 Heavy Duty Diagonal Cutting Pliers 7" (L) 1 DBBB2207 Combination Pliers - 7" (L) 1 DFBB2208 Long Nose Pliers - 8" (L) 1 DFBA2208 Bent Nose Pliers - 8" (L)

**3PCS**  
Pliers Assortment Set



ITEM NO.	CONTENTS
GEA0306	1 DAAQ1A10 Curved Jaw Locking Pliers with Wire Cutter - 10" (L) 1 DDBA2210 Box-Joint Water Pump Pliers 10" (L) 1 DEBB2206 Diagonal Cutting Pliers - 6" (L)

**4PCS**  
Retaining Ring Pliers Set



ITEM NO.	CONTENTS
GEA0408	1 DCAA1207 90° Retaining Ring Pliers (External Ring) - 7" (L) 1 DCAB1207 Straight Retaining Ring Pliers (External Ring) - 7" (L) 1 DCAC1207 90° Retaining Ring Pliers (Internal Ring) - 7" (L) 1 DCAD1207 Straight Retaining Ring Pliers (Internal Ring) - 7" (L)

**7PCS**  
L-Type Two Way Ball Point & Hex Key Wrench Set



ITEM NO.	CONTENTS
GEA0712	1 AGCD0214-0827 L-Type Two Way Ball Point & Hex Key Wrenches 2, 2.5, 3, 4, 5, 6, 8 mm

**7PCS**  
L-Type Two Way Star & Tamperproof Key Wrench Set



ITEM NO.	CONTENTS
GEA0713	1 AJED1014-4020 L-Type Two Way Star & Tamperproof Key Wrenches T10, T15, T20, T25, T27, T30, T40

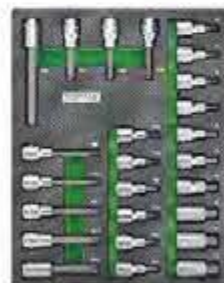
**9PCS**  
Screwdriver Set



ITEM NO.	CONTENTS
GEA0909	1 FABB6E03 Stubby Slotted Anti-Slip Screwdriver 6.5x25 1 FAAB0308-6E15 Slotted Anti-Slip Screwdrivers 3x75, 4x100, 5.5x100, 6.5x150 1 FBBB0203 Stubby Phillips Anti-Slip Screwdriver PH2x25 1 FBAB0109 & 0210 Phillips Anti-Slip Screwdrivers PH1x80 & PH2x100 1 FBHB0315 Phillips Anti-Slip Screwdriver (Hexagon Steel & Hexagon Driver) PH3x150



**25PCS** Satin Chrome Finished  
1/2" DR. Bit Socket Set



ITEM NO.	CONTENTS
GEB2501	10 BCDA1604-1619 1/2" Dr. Hex Bit Sockets 4, 5, 6, 7, 8, 10, 12, 14, 17, 19 mm (55mmL) 1 BCFA1620-1645 1/2" Dr. Star Bit Sockets T20, T25, T27, T30, T40, T45 (55mmL) 1 BCXA1690-1660 1/2" Dr. Star Bit Sockets T50, T55, T60 (80mmL) 1 BCUA1670 1/2" Dr. Extra Long Star Bit Socket T70 (140mmL) 1 BCJA1606-1612 1/2" Dr. Long Spline Bit Sockets M6, M8, M10, M12 (100mmL) 1 BCJD1614 1/2" Dr. Long Spline Bit Socket M14 (100mmL)

**29PCS** Black Phosphate Finished  
1/2" DR. Impact Socket Set



ITEM NO.	CONTENTS
GEB2902	24 KABA1608-1632 1/2" Dr. 6PT Flank Impact Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 mm 1 KABP1617-1621 1/2" Dr. 6PT Flank Pro-Series Thin Wall Deep Impact Sockets with Plastic Sleeves 17, 19, 21 mm 1 KACE1605 1/2" Dr. Impact Extension Bar - 5" (L) 1 KACN1608 1/2" Dr. Impact Universal Joint

**12PCS**  
Screwdriver Set



ITEM NO.	CONTENTS
GEB1203	1 FABB6E03 Stubby Slotted Anti-Slip Screwdriver 6.5x25 1 FAAB0308-6E15 Slotted Anti-Slip Screwdrivers 3.0x75, 3.5x100, 4.0x100, 5.5x150 1 FAHB6E15 Slotted Anti-Slip Screwdriver (Hexagon Steel & Hexagon Driver) 6.5x150 1 FAGB0818 Go-Thru Slotted Impact Screwdriver (Hexagon Steel & Hexagon Driver) 8x175 1 FBBB0203 Stubby Phillips Anti-Slip Screwdriver PH2x25 1 FBAB0006-0210 Phillips Anti-Slip Screwdrivers PH0x60, PH1x80, PH2x100 1 FBHB0315 Phillips Anti-Slip Screwdriver (Hexagon Steel & Hexagon Driver) PH3x150

**7PCS**  
File Tool Set



ITEM NO.	CONTENTS
GEB0705	1 SDBB0821 Flat File - 8" (L) 1 SDBE0815 Triangle File - 8" (L) 1 SDBC0821 Half Round File - 8" (L) 1 SDBA0808 Square File - 8" (L) 1 SDBD0808 Round File - 8" (L) 1 JJAJ0813 Scraper (245mmL) 1 NBAA0315 3 Row Stainless Steel Wire Brush (290mmL)

**9PCS**  
Hammer, Punch & Chisel Set



ITEM NO.	CONTENTS
GEB0904	1 HAAA0532 Engineers Hammer (500g) 1 HAAB1038 Dead Blow Hammer (1 lb) 1 HBBA0315-0621 Soft Grip Pin Punch 3x150, 4x180, 5x200, 6x210 mm 1 HBBC0419 Soft Grip Center Punch - 4x185 mm 1 HCBB1920 & 2522 Soft Grip Flat Chisel 19x200 & 25x220 mm

**9PCS**  
Hammer, Punch & Chisel Set



ITEM NO.	CONTENTS
GEB0906	1 HAAA0532 Engineers Hammer (500g) 1 HAAB1038 Soft Face Hammer (0.35mm) 1 HBBA0315-0621 Soft Grip Pin Punch 3x150, 4x180, 5x200, 6x210 mm 1 HBBC0419 Soft Grip Center Punch - 4x185 mm 1 HCBB1920 & 2522 Soft Grip Flat Chisel 19x200 & 25x220 mm



**39PCS** Satin Chrome Finished  
1/2" DR. Socket Set



ITEM NO.	CONTENTS
GEC3901	24 BAEA1610-1632 1/2" Dr. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 mm 10 BAEE1610-1624 1/2" Dr. 6PT Flank Deep Sockets 10, 12, 13, 14, 16, 17, 19, 21, 22, 24 mm 1 BAAR1616 & 1621 1/2" Dr. Spark Plug Sockets 16 & 21 mm 1 CTCK1630 1/2" Dr. Sliding T-Handle 12" (L) 1 CAHA1678 1/2" Dr. Universal Joint 1 CAAA1605 & 1610 1/2" Dr. Extension Bar 5" & 10" (L) 1 CJBG1627 1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release

**61PCS**  
Star Wrench, Socket & Screwdriver Set



ITEM NO.	CONTENTS
GEC6102	1 AAEE0608-2024 Star Wrench E6xE8, E10xE12, E14xE18, E20xE24 1 FFB0605 & 0705 Precision Star Screwdrivers - T6 & T7 1 FFAB0808-4015 Star Anti-Slip Screwdrivers T8, T9, T10, T15, T20, T25, T27, T30, T40 1 BAED0604-0808 1/4" Dr. Star Sockets E4, E5, E6, E7, E8 1 BAED1210-1214 3/8" Dr. Star Sockets E10, E11, E12, E14 1 BAED1616-1624 1/2" Dr. Star Sockets E16, E18, E20, E24 1 BCFA0810-0830 1/4" Dr. Star Bit Sockets T10, T15, T20, T25, T27, T30 1 BCFA1240 & 1245 3/8" Dr. Star Bit Sockets - T40 & T45 1 BCFA1650-1660 1/2" Dr. Star Bit Sockets - T50, T55, T60 1 GAAL0913 Short Type Star Key Wrench Set T10, T15, T20, T25, T27, T30, T40, T45, T50 1 FSEA0806-0809 1/4" Hex Shank Star Insert Bits T6, T7, T8, T9 1 FSGA0810-0840 1/4" Hex Shank Star Tamperproof Insert Bits T10, T15, T20, T25, T27, T30, T40 1 FTAB0808 & 1208 Quick Change Bit Holder 1/4" Dr. x 1/4" Quick Change Bit Holder 3/8" Dr. x 1/4" Quick Change Bit Holder

PROFESSIONAL MECHANICS  
TOOL SET SERIES





**37PCS** Satin Chrome Finished  
Combination, Double Open End & Double Ring Wrench Set



- ITEM NO. CONTENTS** 2 (SET)
- GED3710** 10 **AABW0606-2424** Pro-Line Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 mm
- 10 **AAEJ0607-2123** Double Open End Wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23 mm
- 7 **AAEI0607-2123** Double Ring Wrench 75° Offset 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23 mm

**37PCS** Satin Chrome Finished  
Combination, Double Open End & Double Ring Wrench Set



- ITEM NO. CONTENTS** 2 (SET)
- GED3701** 10 **AABW0606-2222** Pro-Line Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm
- 10 **AAEJ0607-3032** Double Open End Wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 24x27, 30x32 mm
- 7 **AAEI0607-2022** Double Ring Wrench 75° Offset 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm
- 1 **JDBW1316** Injection Pump Wrench 13 mm
- 1 **AEEA1011** 6PT - Flare Nut Wrench 10x11 mm

**28PCS** Satin Chrome Finished  
Combination & Double Ring Wrench Set



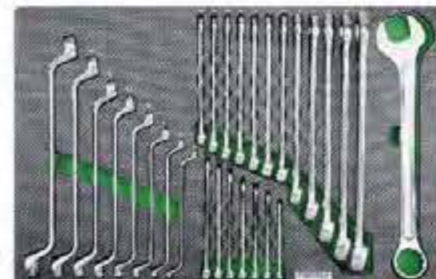
- ITEM NO. CONTENTS** 2 (SET)
- GED2818** 10 **AAEW0606-3232** Super-Torque Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24, 27, 29, 30, 32 mm
- 18 **AAEI0607-2022** Double Ring Wrench 75° Offset 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm

**28PCS** Satin Chrome Finished  
Combination & Double Ring Wrench Set



- ITEM NO. CONTENTS** 2 (SET)
- GED2813** 10 **AAEX0606-2727** Hi-Performance Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27 mm
- 18 **AAEI0607-2427** Double Ring Wrench 75° Offset 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27 mm

**28PCS** Satin Chrome Finished  
Combination & Double Ring Wrench Set



- ITEM NO. CONTENTS** 2 (SET)
- GED2819** 10 **AAEX0606-3232** Hi-Performance Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24, 27, 29, 30, 32 mm
- 18 **AAEI0607-2022** Double Ring Wrench 75° Offset 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm

**28PCS** Satin Chrome Finished  
Combination & Double Ring Wrench Set



- ITEM NO. CONTENTS** 2 (SET)
- GED2814** 10 **AABW0606-2727** Pro-Line Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27 mm
- 18 **AAEI0607-2427** Double Ring Wrench 75° Offset 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27 mm

**28PCS** Satin Chrome Finished  
Combination & Double Ring Wrench Set



- ITEM NO. CONTENTS** 2 (SET)
- GED2820** 10 **AABW0606-3232** Pro-Line Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24, 27, 29, 30, 32 mm
- 18 **AAEI0607-2022** Double Ring Wrench 75° Offset 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm

**30PCS** Satin Chrome Finished  
15° Offset Standard Combination Wrench Set



- ITEM NO. CONTENTS** 2 (SET)
- GED3025** 10 **AAEB0606-3838** Standard Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 34, 36, 38 mm

**36PCS** Satin Chrome Finished  
Combination, Double Open End & Double Ring Wrench Set



- ITEM NO. CONTENTS** 2 (SET)
- GED3649** 10 **AAEX0606-2424** Hi-Performance Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 mm
- 10 **AAEJ0607-2022** Double Open End Wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm
- 16 **AAEI0607-2022** Double Ring Wrench 75° Offset 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm
- 1 **AMAB3325** Heavy Duty Adjustable Wrench 10" (L)

**36PCS** Satin Chrome Finished  
Combination, Double Open End & Double Ring Wrench Set



- ITEM NO. CONTENTS** 2 (SET)
- GED3651** 10 **AAEW0606-2424** Super-Torque Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 mm
- 10 **AAEJ0607-2022** Double Open End Wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm
- 16 **AAEI0607-2022** Double Ring Wrench 75° Offset 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm
- 1 **AMAB3325** Heavy Duty Adjustable Wrench 10" (L)

**36PCS** Satin Chrome Finished  
Combination, Double Open End & Double Ring Wrench Set



- ITEM NO. CONTENTS** 2 (SET)
- GED3652** 10 **AARW0606-2424** Pro-Line Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 mm
- 10 **AAEJ0607-2022** Double Open End Wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm
- 16 **AAEI0607-2022** Double Ring Wrench 75° Offset 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm
- 1 **AMAB3325** Heavy Duty Adjustable Wrench 10" (L)

**37PCS** Satin Chrome Finished  
Wrench Assortment Set



- ITEM NO. CONTENTS** 2 (SET)
- GED3730** 10 **AEEA0810-3032** Flare Nut Wrenches 8x10, 11x13, 12x14, 16x18, 17x19, 19x22, 24x27, 30x32 mm
- 7 **AEEC0607-1819** Double End Swivel-Socket Wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19 mm
- 10 **ABAF0808-1919** 72 Teeth Pro-Series Reversible Ratchet Combination Wrenches 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
- 7 **AAEB0607-1819** Flat Type Double Ring Wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19 mm
- 3 **AAAC1012-1417** Half-Moon Ring Wrenches 10x12, 11x13, 14x17 mm

**31PCS** Satin Chrome Finished  
Wrench Assortment & Pliers Set



- ITEM NO. CONTENTS** 2 (SET)
- GED3127** 10 **AEEC0607-2022** Double End Swivel-Socket Wrenches 6x7, 8x9, 10x12, 12x14, 14x17, 16x17, 17x19, 20x22 mm
- 1 **AMAC2925** Adjustable Wrench - 10" (L)
- 1 **DAAQ1A10** Curved Jaw Locking Pliers with Wire Cutters - 10" (L)
- 1 **DBBB2207** Combination Pliers - 7" (L)
- 1 **DEBC2207** Heavy Duty Diagonal Cutting Pliers 7" (L)
- 1 **DFBB2208** Long Nose Pliers - 8" (L)
- 1 **GAAL0914** Long Type Star Key Wrench Set T10, T15, T20, T25, T27, T30, T40, T45, T50
- 1 **GAAL0916** Long Type Ball Point Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm

**34PCS** Satin Chrome Finished  
Wrench Assortment & Pliers Set



- ITEM NO. CONTENTS** 2 (SET)
- GED3421** 10 **AAEJ0607-3032** Double Open End Wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 30x32 mm
- 1 **AMAC2925** Adjustable Wrench - 10" (L)
- 1 **DAAQ1A10** Curved Jaw Locking Pliers with Wire Cutters - 10" (L)
- 1 **DBBB2207** Combination Pliers - 7" (L)
- 1 **DEBC2207** Heavy Duty Diagonal Cutting Pliers 7" (L)
- 1 **DFBB2208** Long Nose Pliers - 8" (L)
- 1 **GAAL0914** Long Type Star Key Wrench Set T10, T15, T20, T25, T27, T30, T40, T45, T50
- 1 **GAAL0916** Long Type Ball Point Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm



**35PCS** Satin Chrome Finished  
3/8" & 1/2" DR. Flank Socket Wrench Set



ITEM NO.	CONTENTS
GED3515	4 BAEA1210-1217 3/8" Dr. 6PT Flank Sockets 10, 12, 14, 17 mm
	3 BAEA1619-1624 1/2" Dr. 6PT Flank Sockets 19, 21, 22, 23, 24 mm
	2 AAEJ0809-1719 Double Open End Wrenches 8x9, 10x12, 12x14, 14x17, 17x19 mm
	2 AAEH1012-2224 Double Ring Wrench 45° Offset 10x12, 12x14, 14x17, 19x21, 22x24 mm
	2 AAAP0808-1414 Midget Combination Wrench 15° Offset 8, 10, 12, 14 mm
	2 CAAA1203-1210 3/8" Dr. Extension Bar - 3", 6", 10" (L)
	1 CAAA1605 1/2" Dr. Extension Bar - 5" (L)
	1 CHUG1218 3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release
	1 CTCK1220 3/8" Dr. Sliding T-Handle
	1 CAHA1254 3/8" Dr. Universal Joint
	1 CAEA1216 3/8" (F) x 1/2" (M) Dr. Adapter
	1 CAEA1612 1/2" (F) x 3/8" (M) Dr. Adapter
	1 CFAE1210 3/8" Dr. Swivel Handle - 10" (L)
	2 BAAT1216 & 1221 3/8" Dr. Magnetic Spark Plug Sockets 16 & 21 mm

**31PCS** Satin Chrome Finished  
3/4" DR. Flank Socket Set (METRIC & SAE)



ITEM NO.	CONTENTS
GED3108	12 BAEA2419-2450 3/4" Dr. 6PT Flank Sockets 19, 21, 22, 24, 27, 30, 32, 36, 38, 41, 46, 50 mm
	12 BBEB2428-2464 3/4" Dr. 12PT Flank Sockets 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-5/8", 1-3/4", 1-7/8", 2"
	2 CAAQ2404 & 2408 3/4" Dr. Extension Bar - 4" & 8" (L)
	1 CAHA2440 3/4" Dr. Universal Joint
	1 CTCA2446 3/4" Dr. Sliding T-Handle - 18" (L)
	1 CHNC2420 3/4" Dr. 24 Teeth Reversible Ratchet with Tube Handle (Quick-Release) - 20" (L)

**128PCS** Satin Chrome Finished  
1/4" & 3/8" DR. Flank Socket Wrench Set



ITEM NO.	CONTENTS
GEDC803	12 BAEA0804-0814 1/4" Dr. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
	2 GAAL0924 Extra Long Type Star Key Wrench Set T10, T15, T20, T25, T27, T30, T40, T45, T50
	1 CJRM0815 1/4" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release
	1 CTCK0811 1/4" Dr. Sliding T-Handle
	2 CAAA0802-0806 1/4" Dr. Extension Bar - 2", 4", 6" (L)
	1 CAHA0840 1/4" Dr. Universal Joint
	1 CAIP0816 1/4" Dr. Spinner Handle
	3 BCAB08P1-08P3 1/4" Dr. One-Piece Stubby Phillips Bit Sockets - PH1, PH2, PH3
	3 BCCB0803-0808 1/4" Dr. One-Piece Stubby Slotted Bit Sockets - 3, 4, 5, 6 mm
	3 BCDB0803-0808 1/4" Dr. One-Piece Stubby Hex Bit Sockets - 3, 4, 5, 6, 7, 8 mm
	7 BCNA0810-0840 1/4" Dr. Pentacle Bit Sockets T10, T15, T20, T25, T27, T30, T40
	11 BCFB0806-0840 1/4" Dr. One-Piece Stubby Star Bit Sockets T6, T7, T8, T9, T10, T15, T20, T25, T27, T30, T40
	12 BAEA1206-1222 3/8" Dr. 6PT Flank Sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm
	2 BAED0804-0808 1/4" Dr. Star Sockets - E4, E5, E6, E7, E8
	4 BAED1210-1214 3/8" Dr. Star Sockets - E10, E11, E12, E14
	2 BAED1616-1624 1/2" Dr. Star Sockets E16, E18, E20, E22, E24
	1 CJHM1228 3/8" Dr. 72 Teeth Flexible Reversible Ratchet Handle with Quick Release
	1 CJRM1220 3/8" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release
	2 CAAA1203-1210 3/8" Dr. Extension Bar - 3", 6", 10" (L)
	1 CAHA1254 3/8" Dr. Universal Joint
	1 CAEA0812 1/4" (F) x 3/8" (M) Dr. Adapter
	1 CAEA1216 3/8" (F) x 1/2" (M) Dr. Adapter
	1 CAGA1612 1/2" (F) x 3/8" (M) Dr. 3-Way Adapter
	2 BAAR1216 & 1221 3/8" Dr. Spark Plug Sockets - 16 & 21 mm
	2 BCDA1204-1208 3/8" Dr. Hex Bit Sockets - 4, 5, 6, 7, 8 mm
	2 BCFA1230-1255 3/8" Dr. Star Bit Sockets T30, T40, T45, T50, T55
	2 BCLA0808-0840 1/4" Dr. Star Tamperproof Bit Sockets T8, T9, T10, T15, T20, T25, T27, T30, T40
	2 BCHA1205-1210 3/8" Dr. Spline Bit Sockets - M5, M6, M8, M10
	4 AAE0608-2024 Star Wrenches EGxEB, E10xE12, E14xE18, E20xE24

**111PCS** Satin Chrome Finished  
1/4" & 1/2" DR. Flank Socket Set



ITEM NO.	CONTENTS
GEDB117	12 BAEA1608-1632 1/2" Dr. 6PT Flank Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 23, 24, 27, 30, 32 mm
	2 CAAA1605 & 1610 1/2" Dr. Extension Bar - 5" & 10" (L)
	1 CTCK1630 1/2" Dr. Sliding T-Handle
	1 CAHA1678 1/2" Dr. Universal Joint
	1 CJBM1627 1/2" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release
	12 BAEA0804-0814 1/4" Dr. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
	12 BAE0804-0814 1/4" Dr. 6PT Deep Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
	7 BCDA082E-0808 1/4" Dr. Hex Bit Sockets 2.5, 3, 4, 5, 6, 7, 8 mm
	2 BCCA0803-0808 1/4" Dr. Slotted Bit Sockets 3, 4, 4.5, 5.5, 6.5, 8 mm
	5 BCAA08P0-08P4 1/4" Dr. Phillips Bit Sockets PH0, PH1, PH2, PH3, PH4
	4 BCBA08P0-08P3 1/4" Dr. Pozl Bit Sockets P20, P21, P22, P23
	2 BCFA0808-0840 1/4" Dr. Star Bit Sockets T8, T10, T15, T20, T25, T27, T30, T40
	1 CJBM0815 1/4" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release
	2 CAAA0802-0806 1/4" Dr. Extension Bar 2", 4", 6" (L)
	1 CTCK0811 1/4" Dr. Sliding T-Handle
	1 CAHA0840 1/4" Dr. Universal Joint
	1 CAIA0815 1/4" Dr. Spinner Handle
	1 BAAR1621 1/2" Dr. Spark Plug Socket 21 mm
	2 BCAA16P2 & 16P3 1/2" Dr. Phillips Bit Sockets PH2 & PH3
	7 BCDA1604-1612 1/2" Dr. Hex Bit Sockets 4, 5, 6, 7, 8, 10, 12 mm
	2 BCHA1606-1616 1/2" Dr. Spline Bit Sockets M6, M8, M10, M12, M14, M16
	2 BCFA1620-1660 1/2" Dr. Star Bit Sockets T20, T25, T27, T30, T40, T45, T50, T55, T60

**133PCS** Satin Chrome Finished  
1/4" & 1/2" DR. Flank Socket Set



ITEM NO.	CONTENTS
GEDD348	12 BAEA1608-1632 1/2" Dr. 6PT Flank Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm
	11 BAE01610-1622 1/2" Dr. 6PT Deep Flank Sockets 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22 mm
	2 BCDA1605-1614 1/2" Dr. Hex Bit Sockets 5, 6, 7, 8, 9, 10, 12, 14 mm
	7 BCFA1627-1660 1/2" Dr. Star Bit Sockets T27, T30, T40, T45, T50, T55, T60
	2 CAAA1605 & 1610 1/2" Dr. Extension Bar - 5" & 10" (L)
	1 CAGA1216 3/8" (F) x 1/2" (M) Dr. 3 Way Adapter
	1 CAHA1678 1/2" Dr. Universal Joint
	1 CJFM1627 1/2" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release
	12 BAE0804-0814 1/4" Dr. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
	12 BAE0804-0814 1/4" Dr. 6PT Deep Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
	2 BCDA0803-0808 1/4" Dr. Hex Bit Sockets 3, 4, 5, 6, 7, 8 mm
	2 BCFA0806-0825 1/4" Dr. Star Bit Sockets T6, T7, T8, T9, T10, T15, T20, T25
	2 CAAA0802 & 0804 1/4" Dr. Extension Bar - 2" & 4" (L)
	1 CTCK0811 1/4" Dr. Sliding T-Handle
	1 CAHA0840 1/4" Dr. Universal Joint
	1 FTAB0808 1/4" Dr. x 1/4" (H) Quick Change Bit Holder
	1 CAIA0815 1/4" Dr. Spinner Handle
	1 CJFM0815 1/4" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release
	35 GACW3505 35PCS 1/4" Hex Drive Screwdriver Bit Set Contents: FTGR0807 1/4" x 1/4" Quick Change Magnetic Bit Holder FSBA0800-0803 1/4" Hex Shank Phillips Insert Bits PH0, PH1, PH2, PH3 FSCA0800-0803 1/4" Hex Shank Pozl Insert Bits P20, P21, P22, P23 FSHA0801 & 0802 1/4" Hex Shank Square Insert Bits SQ1 & SQ2 FSAA0803-0806 1/4" Hex Shank Slotted Insert Bits 3, 4, 5.5, 6.5 mm FSDA0802-0806 1/4" Hex Shank Hexagon Insert Bits 2, 2.5, 3, 4, 5, 6 mm FSEA0810-0840 1/4" Hex Shank Star Insert Bits T10, T15, T20, T25, T27, T30, T40 FSGA0810-0840 1/4" Hex Shank Star Tamperproof Insert Bits T10, T15, T20, T25, T27, T30, T40

**104PCS** Satin Chrome Finished  
3/8" & 1/2" DR. Flank Socket Set



ITEM NO.	CONTENTS
GEDA429	12 BAEA1206-1222 3/8" Dr. 6PT Flank Sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm
	2 BAE01206-1220 3/8" Dr. Star Sockets E8, E10, E11, E12, E14, E16, E18, E20
	1 CJBM1220 3/8" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release
	1 CAHD1246 3/8" Dr. Universal Ball Joint
	2 CAAA1203-1210 3/8" Dr. Extension Bar 3", 6", 10" (L)
	2 BAAR1216-1221 3/8" Dr. Spark Plug Sockets 16, 18, 21 mm
	2 BCFA1215-1230 3/8" Dr. Star Bit Sockets T15, T20, T25, T27, T30
	2 BCLA1215-1230 3/8" Dr. Star Tamperproof Bit Sockets T15, T20, T25, T27, T30
	2 BCDA1203-1210 3/8" Dr. Hex Bit Sockets 3, 4, 5, 6, 7, 8, 10 mm
	1 CAUB1229 3/8" Dr. 52 Teeth Palm Ratchet
	1 CAGA1216 3-Way Adapter - 3/8" (F) x 1/2" (M)
	12 BAE01608-1632 1/2" Dr. 6PT Flank Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 mm
	2 BAED1610-1624 1/2" Dr. Star Sockets E10, E11, E12, E14, E16, E18, E20, E22, E24
	1 CJBM1627 1/2" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release
	2 CAAA1605 & 1610 1/2" Dr. Extension Bar 5" & 10" (L)
	1 CAHD1662 1/2" Dr. Universal Ball Joint
	1 CAGA1612 3-Way Adapter 1/2" (F) x 3/8" (M)
	2 BCFA1640-1660 1/2" Dr. Star Bit Sockets T40, T45, T50, T55, T60
	2 BCLA1640-1660 1/2" Dr. Star Tamperproof Bit Sockets T40, T45, T50, T55, T60
	2 BCDA1612-1617 1/2" Dr. Hex Bit Sockets 12, 14, 17 mm
	1 CAUB1633 1/2" Dr. 52 Teeth Palm Ratchet

**126PCS** Satin Chrome Finished  
1/4", 3/8" & 1/2" DR. Flank Socket Set



ITEM NO.	CONTENTS
GEDC611	12 BAEA0804-0814 1/4" Dr. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
	12 BAE0804-0814 1/4" Dr. 6PT Deep Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
	1 CJBM0815 1/4" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release
	1 CTCK0811 1/4" Dr. Sliding T-Handle
	2 CAAA0802-0806 1/4" Dr. Extension Bar - 2", 4", 6" (L)
	1 CAIA0815 1/4" Dr. Spinner Handle
	2 BAED0804-0808 1/4" Dr. Star Sockets - E4, E5, E6, E7, E8
	12 BAE01206-1222 3/8" Dr. 6PT Flank Sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm
	1 CJBM1220 3/8" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release
	2 BAED1210-1214 3/8" Dr. Star Sockets - E10, E11, E12, E14
	2 BAAR1216 3/8" Dr. Spark Plug Socket - 16 mm
	1 CKA1210 3/8" Dr. Swivel Handle - 10" (L)
	2 CAAA1203 & 1206 3/8" Dr. Extension Bar - 3" & 6" (L)
	1 CTCK1220 3/8" Dr. Sliding T-Handle
	12 BAE01608-1632 1/2" Dr. 6PT Flank Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm
	1 CJBM1627 1/2" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release
	2 BAED1616-1624 1/2" Dr. Star Sockets - E16, E18, E20, E22, E24
	2 BAAR1621 1/2" Dr. Spark Plug Socket - 21 mm
	1 CTCK1630 1/2" Dr. Sliding T-Handle
	2 CAAA1605 & 1610 1/2" Dr. Extension Bar - 5" & 10" (L)
	2 CAHA0840-1678 1/4", 3/8" & 1/2" Dr. Universal Joint
	35 GACW3504 35PCS 1/4" Hex Drive Mini Ratchet Bit Set Content: CHDV0801 1/4" (H) 60 Teeth Mini Reversible Bit Ratchet Handle FSKA0808 1/4" (H) x 1/4" Dr. Socket Adapter FSBA0800-0803 1/4" Hex Shank Phillips Insert Bits PH0, PH1, PH2x2pos, PH3 FSCA0800-0803 1/4" Hex Shank Pozl Insert Bits P20, P21, P22x2pos, P23 FSAA0803-0808 1/4" Hex Shank Slotted Insert Bits 3, 4, 5.5, 6.5, 8 mm FSDA0802-0808 1/4" Hex Shank Hexagon Insert Bits 2, 2.5, 3, 4, 5, 6, 8 mm FSEA0806-0809 1/4" Hex Shank Star Insert Bits T6, T7, T8, T9 FSGA0810-0840 1/4" Hex Shank Star Tamperproof Insert Bits T10, T15, T20, T25, T27, T30, T40



**65PCS** Satin Chrome Finished  
1/2" DR. Flank Socket Set



ITEM NO.	CONTENTS
GED6504	<ul style="list-style-type: none"> <li>BAEA1610-1634 1/2" Dr. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 28, 30, 32, 34 mm</li> <li>KABP1617 &amp; 1619 1/2" Dr. 6PT Flank Pro-Series Thin Wall Deep Impact Sockets with Plastic Sleeves 17 &amp; 19 mm</li> <li>CJRM1626 1/2" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release</li> <li>CTCK1630 1/2" Dr. Sliding T-Handle</li> <li>CAAA1605 &amp; 1610 1/2" Dr. Extension Bar 5" &amp; 10" (L)</li> <li>CAAF1602-1610 1/2" Dr. Extension Bar 2", 5", 10" (L)</li> <li>CAHA1678 1/2" Dr. Universal Joint</li> <li>BCPA1605-1610 1/2" Dr. Ball Point Bit Sockets 5, 6, 7, 8, 10 mm (100mmL)</li> <li>BCEA1608 1/2" Dr. Hex Bit Socket 8 mm (100mmL)</li> <li>BCIA1606 &amp; 1610 1/2" Dr. Hex Bit Sockets 6 &amp; 10 mm (140mmL)</li> <li>BCTA1605 1/2" Dr. Hex Bit Socket 5 mm (180mmL)</li> <li>BCFA1640-1660 1/2" Dr. Star Bit Sockets T40, T45, T50, T55, T60 (55mmL)</li> <li>BCGA1645 1/2" Dr. Star Bit Socket T45 (120mmL)</li> <li>BCHA1608-1616 1/2" Dr. Spline Bit Sockets M8, M10, M12, M14, M16 (55mmL)</li> <li>JDBC1616 1/2" Dr. Oil Drain Plug Socket M16H (60mmL)</li> <li>BCJA1608 1/2" Dr. Spline Bit Socket M8 (100mmL)</li> <li>BCJD1614 1/2" Dr. Spline Bit Socket M14 (100mmL)</li> <li>BCMD1610 &amp; 1612 1/2" Dr. Spline Bit Sockets M10 &amp; M12 (140mmL)</li> <li>BCRA1609 1/2" Dr. Rib Bit Socket M9 (100mmL)</li> <li>BCYA1610 1/2" Dr. Rib Bit Socket M10S (140mmL)</li> <li>BCDA1608-1619 1/2" Dr. Hex Bit Sockets 8, 10, 12, 14, 17, 19 mm (55mmL)</li> <li>KADB1618L 1/2" Dr. Spline Bit Impact Socket M18</li> </ul>

**75PCS** Black Phosphate Finished  
3/8" & 1/2" DR. Impact Socket Set



ITEM NO.	CONTENTS
GED7528	<ul style="list-style-type: none"> <li>KABA1208-1219 3/8" Dr. 6PT Flank Impact Sockets 8, 10, 11, 12, 13, 14, 15, 16, 17, 19 mm</li> <li>KABE1208-1219 3/8" Dr. 6PT Flank Deep Impact Sockets 8, 10, 11, 12, 13, 14, 16, 17, 19 mm</li> <li>KACE1203 3/8" Dr. Impact Extension Bar - 3" (L)</li> <li>KACN1208 3/8" Dr. Impact Universal Joint</li> <li>KACA1208 Impact Adapter - 3/8" (F) x 1/4" (M)</li> <li>KACA1216 Impact Adapter - 3/8" (F) x 1/2" (M)</li> <li>KADC1208 Impact Bit Holder - 3/8" Dr. x 1/4" (H)</li> <li>KABA1608-1632 1/2" Dr. 6PT Flank Impact Sockets 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 mm</li> <li>KABE1610-1632 1/2" Dr. 6PT Flank Deep Impact Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 mm</li> <li>KACE1603-1610 1/2" Dr. Impact Extension Bar 3", 5", 10" (L)</li> <li>KACN1608 1/2" Dr. Impact Universal Joint</li> <li>KACA1612 Impact Adapter - 1/2" (F) x 3/8" (M)</li> <li>KACA1624 Impact Adapter - 1/2" (F) x 3/4" (M)</li> </ul>

**34PCS** Black Phosphate Finished  
3/4" DR. Impact Socket Set



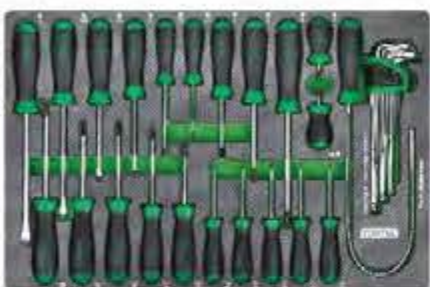
ITEM NO.	CONTENTS
GED3426	<ul style="list-style-type: none"> <li>KABA2417-2446 3/4" Dr. 6PT Flank Impact Sockets 17, 19, 21, 22, 23, 24, 27, 28, 30, 32, 33, 34, 36, 38, 41, 46 mm</li> <li>KABE2419-2446 3/4" Dr. 6PT Flank Deep Impact Sockets 19, 21, 22, 23, 24, 27, 30, 32, 33, 34, 36, 38, 41, 46 mm</li> <li>KACA2416 Impact Adapter - 3/4" (F) x 1/2" (M)</li> <li>KACA2432 Impact Adapter - 3/4" (F) x 1" (M)</li> <li>KACE2407 3/4" Dr. Impact Extension Bar - 7" (L)</li> <li>KACN2409 3/4" Dr. Impact Universal Joint</li> </ul>

**46PCS** Black Phosphate Finished  
1/2" DR. Torque Wrench & Air Impact Wrench Socket Set



ITEM NO.	CONTENTS
GED4645	<ul style="list-style-type: none"> <li>ANAM1620 1/2" Dr. Micrometer Adjustable Torque Wrench (Window Display) Capacity 40-200Nm</li> <li>KAAC1645 1/2" Dr. Super Duty Air Impact Wrench Max. Torque 450 ft-lb</li> <li>KABP1617-1621 1/2" Dr. 6PT Flank Pro-Series Thin Wall Deep Impact Sockets with Plastic Sleeves 17, 19, 21 mm</li> <li>KABA1608-1632 1/2" Dr. 6PT Flank Impact Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 mm</li> <li>KABE1610-1632 1/2" Dr. 6PT Flank Deep Impact Sockets 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32 mm</li> <li>KACE1605 1/2" Dr. Impact Extension Bar - 5" (L)</li> <li>KACN1608 1/2" Dr. Impact Universal Joint</li> </ul>

**31PCS** Screwdriver Set



ITEM NO.	CONTENTS
GED3102	<ul style="list-style-type: none"> <li>FBA80108-0315 Phillips Anti-Slip Screwdrivers PH1x80, PH2x100, PH3x150</li> <li>FBBB0203 Stubby Phillips Anti-Slip Screwdriver PH2x25</li> <li>FAAB0410-0818 Slotted Anti-Slip Screwdrivers 4.0x100, 5.5x100, 6.5x150, 8.0x175</li> <li>FNAB2E08 &amp; 3E10 Slotted Anti-Slip Screwdrivers 2.5x75 &amp; 3.5x100</li> <li>FABB5E03 Stubby Slotted Anti-Slip Screwdriver 5.5x25</li> <li>FBA80608-3013 Star Anti-Slip Screwdrivers T6, T7, T8, T9, T10, T15, T20, T25, T27, T30</li> <li>GSN-09EB Extra Long Type Ball Point Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm</li> <li>JJAD0518 Magnetic Flexible Handle</li> </ul>

**114PCS** Satin Chrome Finished  
1/4" DR. Flank Socket, Key Wrench & Screwdriver Set



ITEM NO.	CONTENTS
GEDB431	<ul style="list-style-type: none"> <li>BAEA0804-0813 1/4" Dr. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm</li> <li>BAEE0804-0813 1/4" Dr. 6PT Flank Deep Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm</li> <li>BAED0804-0810 1/4" Dr. Star Sockets E4, E5, E6, E7, E8, E10</li> <li>BAEH0804-0810 1/4" Dr. Deep Star Sockets E4, E5, E6, E7, E8, E10</li> <li>BCDA0803-0810 1/4" Dr. Hex Bit Sockets 3, 4, 5, 6, 7, 8, 10 mm</li> <li>BCNA0810-0840 1/4" Dr. Pentacle Bit Sockets T10, T15, T20, T25, T27, T30, T40</li> <li>BCFA0808-0840 1/4" Dr. Star Bit Sockets T8, T10, T15, T20, T25, T27, T30, T40</li> <li>BCLA0808-0840 1/4" Dr. Star Tamperproof Bit Sockets T8, T10, T15, T20, T25, T27, T30, T40</li> <li>CAEE0820 1/4" Dr. Magnetic Socket Pick-Up</li> <li>CAAA0802-0808 1/4" Dr. Extension Bar - 2", 4", 6" (L)</li> <li>CAHD0834 1/4" Dr. Universal Ball Joint</li> <li>CJHM0814 1/4" Dr. 72 Teeth Flexible Reversible Ratchet Handle with Quick Release</li> <li>CJBM0815 1/4" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release</li> <li>CJTV0818 1/4" Dr. 60 Teeth Rotatory Ratchet Handle with Push-Through Mechanism</li> <li>CAUB0826 1/4" Dr. 52 Teeth Palm Ratchet</li> <li>GAAL0917 Extra Long Type Ball Point Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm</li> <li>GAAL0924 Extra Long Type Star Key Wrench Set T10, T15, T20, T25, T27, T30, T40, T45, T50</li> <li>FBA80006-0315 Phillips Anti-Slip Screwdrivers PH0x60, PH1x80, PH2x100, PH3x150</li> <li>FABB0203 Stubby Phillips Anti-Slip Screwdriver PH2x25</li> <li>FAAB0308-0818 Slotted Anti-Slip Screwdrivers 3.0x75, 3.5x100, 4.0x100, 5.5x100, 6.5x150, 8.0x175</li> <li>JCBA0608 Pry Bar - 8" (L)</li> <li>GAAR1002 19-IN-1 High Torque Ratchet Screwdriver Set Content: 7/16" (Hex) High-Torque Ratchet Screwdriver Handle with Storage 1/4" x 5/16" (Hex) Drive Shaft (115mmL) 1/4" Hex Shank Phillips &amp; Slotted Screwdriver Bits PH1x5mm &amp; PH2x6mm (75mmL) 5/16" Hex Shank Phillips &amp; Slotted Screwdriver Bits PH3x8mm (75mmL) 1/4" Hex Shank Double End Pozi Screwdriver Bits PZ1xPZ2 (75mmL) 1/4" Hex Shank Double End Star Screwdriver Bits T15xT20 &amp; T25xT30 (75mmL) 1/4" Hex Shank Double End Hexagon Screwdriver Bits 2.5mmx3mm &amp; 4mmx5mm (75mmL)</li> </ul>

**22PCS** Screwdriver, L-Type Two Way Ball Point & Hex Key Wrench Set



ITEM NO.	CONTENTS
GED2224	<ul style="list-style-type: none"> <li>AGCA0215-1028 L-Type Two Way Ball Point &amp; Hex Key Wrench 2x140, 2.5x140, 3x140, 4x140, 5x203, 6x203, 8x262, 10x262 mm</li> <li>FABB6E03 Stubby Slotted Anti-Slip Screwdriver - 6.5x25</li> <li>FAAB0410-6E15 Slotted Anti-Slip Screwdrivers 4.0x100, 5.5x100, 6.5x150</li> <li>FBBB0203 Stubby Phillips Anti-Slip Screwdriver - PH2x25</li> <li>FBA80108-0315 Phillips Anti-Slip Screwdrivers PH1x80, PH2x100, PH3x150</li> <li>IAAC1903M Heavy Duty Metric Measuring Tape - 3M</li> <li>SCAD1817 Utility Knife with Spare Blade</li> <li>ICAA0020 20 Sizes Metric Tapered Feeler Gauge</li> <li>KACE1617-1621 1/2" Dr. 6PT Flank Deep Impact Sockets 17, 19, 21 mm</li> </ul>

**14PCS** Combination Tool Set



ITEM NO.	CONTENTS
GED1436	<ul style="list-style-type: none"> <li>DMAQ2210 Curved Jaw Locking Pliers with Wire Cutters (Easy Release Type) - 10" (L)</li> <li>DDBA2210 Box-Joint Water Pump Pliers - 10" (L)</li> <li>DBBB2206 Combination Pliers - 6" (L)</li> <li>DFBB2206 Long Nose Pliers - 6" (L)</li> <li>DECC2205 Electronics Diagonal Cutting Pliers - 5" (L)</li> <li>FBBB0203 Stubby Phillips Anti-Slip Screwdriver - PH2x25</li> <li>GO-THRU PHILLIPS SCREWDRIVERS (Hexagon Steel &amp; Hexagon Driver) PH2x100 &amp; PH3x150</li> <li>FAGB5E10 Go-Thru Slotted Screwdriver (Hexagon Steel &amp; Hexagon Driver) 5.5x100</li> <li>FAAB0308 Slotted Anti-Slip Screwdriver - 3x75</li> <li>JDAC2012 Stainless Steel Pinch Weld Scraper 20x50x1.2 mm</li> <li>JJAE0812 Door Upholstery Remover</li> <li>SGAC1817 Auto Reload Utility Knife (W/Spare Blade)</li> <li>JJAF2414 Magnetic Trays - 240(L)x140(W)x42(H) mm</li> </ul>

**20PCS** Hex Nutspinner & L-Type Two Way Ball Point Key Wrench Set



ITEM NO.	CONTENTS
GED2007	<ul style="list-style-type: none"> <li>FGAB0413-1313 Hex Nutspinner 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 mm</li> <li>AGCD0214-1227 L-Type Two Way Ball Point &amp; Hex Key Wrench 2, 2.5, 3, 4, 5, 6, 7, 8, 10, 12 mm</li> </ul>

**19PCS** Adjustable Wrench, Plier & Screwdriver Set



ITEM NO.	CONTENTS
GED1912	<ul style="list-style-type: none"> <li>AMAA3325 Paw Adjustable Wrench - 10" (L)</li> <li>DAQA1A10 Curved Jaw Locking Pliers with Wire Cutters - 10" (L)</li> <li>DDBA2210 Box-Joint Water Pump Pliers - 10" (L)</li> <li>DCBA1307 90° Retaining Ring Pliers (External Ring) - 7" (L)</li> <li>DCBB1307 Straight Retaining Ring Pliers (External Ring) - 7" (L)</li> <li>DCBC1307 90° Retaining Ring Pliers (Internal Ring) - 7" (L)</li> <li>DCBD1307 Straight Retaining Ring Pliers (Internal Ring) - 7" (L)</li> <li>DRBB2207 Combination Pliers - 7" (L)</li> <li>DEBC2207 Heavy Duty Diagonal Cutting Pliers - 7" (L)</li> <li>DFBB2206 Long Nose Pliers - 8" (L)</li> <li>DFBA2208 Bent Nose Pliers - 8" (L)</li> <li>FBA80108-0315 Phillips Anti-Slip Screwdrivers PH1x80, PH2x100, PH3x150</li> <li>FBBB0203 Stubby Phillips Anti-Slip Screwdriver PH2x25</li> <li>FAAB0410-6E15 Slotted Anti-Slip Screwdrivers 4x100, 5.5x100, 6.5x150</li> <li>FABB6E03 Stubby Slotted Anti-Slip Screwdriver 6.5x25</li> </ul>



**19PCS**  
Combination Tool Set



ITEM NO.	CONTENTS	2 (SET)
GED1916	<ul style="list-style-type: none"> <li>3 FAAB5E10-0818 Slotted Anti-Slip Screwdrivers 5.5x100, 6.5x100, 8.0x175</li> <li>1 FABB6E03 Stubby Slotted Anti-Slip Screwdriver - 6.5x25</li> <li>1 FAIB0305 Precision Slotted Screwdriver - 3.0x50</li> <li>3 FBAB0108-0315 Phillips Anti-Slip Screwdrivers PH1x80, PH2x100, PH3x150</li> <li>1 FBBB0203 Stubby Phillips Anti-Slip Screwdriver - PH2x25</li> <li>2 FGAB0813 &amp; 1013 Hex Nutspinner - 8 &amp; 10 mm</li> <li>1 DHAA1208 Slip Joint Pliers - 8" (L)</li> <li>1 DFAB2206B Long Nose Pliers - 6" (L)</li> <li>1 AMAC2925 Adjustable Wrench - 10" (L)</li> <li>1 HAAC1635 Ball Peen Hammer (16oz)</li> <li>1 JDAC2012 Stainless Steel Pinch Weld - 20x50x1.2 mm</li> <li>1 JDBU0210 Spark Plug Gap Gauge (Coin Type)</li> <li>1 ICAA0020 20 Sizes Metric Tapered Feeler Gauge</li> <li>1 JJAD0512 Magnetic Flexible Handle</li> </ul>	2 (SET)

**12PCS**  
Combination Tool Set



ITEM NO.	CONTENTS	2 (SET)
GED1209	<ul style="list-style-type: none"> <li>1 SAAA3051 Multi-Purpose Hacksaw</li> <li>1 SBAB0808 Straight Pattern Snips - 8" (L)</li> <li>1 ICAA0020 20 Sizes Metric Tapered Feeler Gauge</li> <li>1 IABA0300 Stainless Steel Straight Ruler (30cm)</li> <li>1 IAAC1905M Heavy Duty Metric Measuring Tape - 5M</li> <li>1 IACA0150 Stainless Steel Vernier Caliper</li> <li>1 JJAT0515 Cordless LED Slim Inspection Lamp Types of Plug Adapter</li> <li>1 SCAC1817 Utility Knife with Spare Blade</li> <li>1 SDBB0821 Flat File - 8" (L)</li> <li>1 SDBE0815 Triangle File - 8" (L)</li> <li>1 SDBC0821 Half Round File - 8" (L)</li> <li>1 SDBD0808 Round File - 8" (L)</li> </ul>	2 (SET)

**13PCS**  
Pliers & Hammer Set



ITEM NO.	CONTENTS	2 (SET)
GED1353	<ul style="list-style-type: none"> <li>1 DEBB2206 Diagonal Cutting Pliers - 6" (L)</li> <li>1 DBBB2207 Combination Pliers - 7" (L)</li> <li>1 DFBB2208 Long Nose Pliers - 8" (L)</li> <li>1 DDBA2210 Box-Joint Water Pump Pliers - 10" (L)</li> <li>1 DCAA1207 90° Retaining Ring Pliers (External Ring) - 7" (L)</li> <li>1 DCAB1207 Straight Retaining Ring Pliers (External Ring) - 7" (L)</li> <li>1 DCAC1207 90° Retaining Ring Pliers (Internal Ring) - 7" (L)</li> <li>1 DCAD1207 Straight Retaining Ring Pliers (Internal Ring) - 7" (L)</li> <li>1 HAAA0532 Engineers Hammer (500g)</li> <li>1 HAAF3530 Soft Face Hammer (Ø35mm)</li> <li>1 HBBF0155 Heavy Duty Automatic Adjustable Center Punch</li> <li>1 HCBB1518 Soft Grip Flat Chisel - 15x180 mm</li> <li>1 HCBC0517 Soft Grip Cape Chisel - 5x170 mm</li> </ul>	2 (SET)

**13PCS**  
Hammer, Punch, Hacksaw & Pliers Set



ITEM NO.	CONTENTS	2 (SET)
GED1322	<ul style="list-style-type: none"> <li>1 SAAA3013 Heavy Duty Hacksaw</li> <li>1 GAAV0601 Pin Punch Set 2x8x115, 3x8x125, 4x10x150, 5x10x165, 6x12x180, 8x12x180 mm</li> <li>1 DCAA1207 90° Retaining Ring Pliers (External Ring) - 7" (L)</li> <li>1 DCAB1207 Straight Retaining Ring Pliers (External Ring) - 7" (L)</li> <li>1 DCAC1207 90° Retaining Ring Pliers (Internal Ring) - 7" (L)</li> <li>1 DCAD1207 Straight Retaining Ring Pliers (Internal Ring) - 7" (L)</li> <li>1 HAAA0532 Engineers Hammer (500g)</li> <li>1 HAAF3530 Dead Blow Hammer (16oz)</li> </ul>	2 (SET)

**13PCS**  
Pliers & Hammer Set



ITEM NO.	CONTENTS	2 (SET)
GED1354	<ul style="list-style-type: none"> <li>1 DEBB2206 Diagonal Cutting Pliers - 6" (L)</li> <li>1 DBBB2207 Combination Pliers - 7" (L)</li> <li>1 DFBB2208 Long Nose Pliers - 8" (L)</li> <li>1 DDBA2210 Box-Joint Water Pump Pliers - 10" (L)</li> <li>1 DCAA1207 90° Retaining Ring Pliers (External Ring) - 7" (L)</li> <li>1 DCAB1207 Straight Retaining Ring Pliers (External Ring) - 7" (L)</li> <li>1 DCAC1207 90° Retaining Ring Pliers (Internal Ring) - 7" (L)</li> <li>1 DCAD1207 Straight Retaining Ring Pliers (Internal Ring) - 7" (L)</li> <li>1 HAAA0532 Engineers Hammer (500g)</li> <li>1 HAAF3530 Dead Blow Hammer (16oz)</li> <li>1 HBBF0155 Heavy Duty Automatic Adjustable Center Punch</li> <li>1 HCBB1518 Soft Grip Flat Chisel - 15x180 mm</li> <li>1 HCBC0517 Soft Grip Cape Chisel - 5x170 mm</li> </ul>	2 (SET)

**13PCS**  
Hammer, Punch, Hacksaw & Pliers Set



ITEM NO.	CONTENTS	2 (SET)
GED1323	<ul style="list-style-type: none"> <li>1 SAAA3013 Heavy Duty Hacksaw</li> <li>1 GAAV0601 Pin Punch Set 2x8x115, 3x8x125, 4x10x150, 5x10x165, 6x12x180, 8x12x180 mm</li> <li>1 DCAA1207 90° Retaining Ring Pliers (External Ring) - 7" (L)</li> <li>1 DCAB1207 Straight Retaining Ring Pliers (External Ring) - 7" (L)</li> <li>1 DCAC1207 90° Retaining Ring Pliers (Internal Ring) - 7" (L)</li> <li>1 DCAD1207 Straight Retaining Ring Pliers (Internal Ring) - 7" (L)</li> <li>1 HAAA0532 Engineers Hammer (500g)</li> <li>1 HAAF3530 Soft Face Hammer (Ø35mm)</li> </ul>	2 (SET)

**21PCS**  
Hammer, Punch, Chisel & Plier Set



ITEM NO.	CONTENTS	2 (SET)
GED2105	<ul style="list-style-type: none"> <li>1 DBBB2207 Combination Pliers - 7"</li> <li>1 DFBB2208 Long Nose Pliers - 8"</li> <li>1 DEBB2206 Diagonal Cutting Pliers - 6"</li> <li>1 DDBA2210 Box-Joint Water Pump Pliers - 10"</li> <li>1 DAAQ2B10 Curved Jaw Locking Pliers with Wire Cutter - 10"</li> <li>1 DICA1306 Automatic Wire Stripper</li> <li>2 HCBB1518 &amp; 1920 Soft Grip Flat Chisel - 15x180 &amp; 19x200 mm</li> <li>1 HCBC0718 Soft Grip Cape Chisel - 7x180 mm</li> <li>1 HBBA0214-0822 Soft Grip Pin Punch 2x140, 3x150, 4x180, 5x200, 6x210, 8x220 mm</li> <li>1 HBBC0419 Soft Grip Center Punch - 4x185 mm</li> <li>1 HABA0532 Fiberglass Locksmith Hammer (500g)</li> <li>1 HAAB1038 Dead Blow Hammer (1 lb)</li> <li>1 JJA0813 Scraper</li> <li>1 NBBA0212 2 Row Brake Calliper Brush</li> <li>1 JJAP1219 Trim Removal Wedge - 30x190 mm</li> </ul>	2 (SET)

**21PCS**  
Hammer, Punch, Chisel & Plier Set



ITEM NO.	CONTENTS	2 (SET)
GED2106	<ul style="list-style-type: none"> <li>1 DBBB2207 Combination Pliers - 7"</li> <li>1 DFBB2208 Long Nose Pliers - 8"</li> <li>1 DEBB2206 Diagonal Cutting Pliers - 6"</li> <li>1 DDBA2210 Box-Joint Water Pump Pliers - 10"</li> <li>1 DAAQ2B10 Curved Jaw Locking Pliers with Wire Cutter - 10"</li> <li>1 DICA1306 Automatic Wire Stripper</li> <li>2 HCBB1518 &amp; 1920 Soft Grip Flat Chisel - 15x180 &amp; 19x200 mm</li> <li>1 HCBC0718 Soft Grip Cape Chisel - 7x180 mm</li> <li>1 HBBA0214-0822 Soft Grip Pin Punch 2x140, 3x150, 4x180, 5x200, 6x210, 8x220 mm</li> <li>1 HBBC0419 Soft Grip Center Punch - 4x185 mm</li> <li>1 HABA0532 Fiberglass Locksmith Hammer (500g)</li> <li>1 HAAF3530 Soft Face Hammer (Ø35mm)</li> <li>1 JJA0813 Scraper</li> <li>1 NBBA0212 2 Row Brake Calliper Brush</li> <li>1 JJAP1219 Trim Removal Wedge - 30x190 mm</li> </ul>	2 (SET)

**23PCS**  
Hammer, Punch, Chisel & Plier Set



ITEM NO.	CONTENTS	2 (SET)
GED2332	<ul style="list-style-type: none"> <li>1 DBBB2207 Combination Pliers - 7" (L)</li> <li>1 DFBB2208 Long Nose Pliers - 8" (L)</li> <li>1 DFBA2208 Bent Nose Pliers - 8" (L)</li> <li>1 DEBC2207 Heavy Duty Diagonal Cutting Pliers - 7" (L)</li> <li>1 DDAQ1210 Box-Joint Water Pump Pliers with Quick-Adjust Button - 10" (L)</li> <li>1 DMAQ2210 Curved Jaw Locking Pliers with Wire Cutters (Easy Release Type) - 10" (L)</li> <li>2 HCBB1920 &amp; 2522 Soft Grip Flat Chisel 19x200 &amp; 25x220 mm</li> <li>4 HBBA0315-0821 Soft Grip Pin Punch 3x150, 4x180, 5x200, 6x210 mm</li> <li>3 HBBB0219-0419 Soft Grip Taper Punch 2x185, 3x185, 4x185 mm</li> <li>1 HABA0532 Fiberglass Engineers Hammer (500g)</li> <li>1 HABE2226 Fiberglass Club Hammer (2.2 lb)</li> <li>1 IAAC1905M Heavy Duty Metric Measuring Tape - 5M</li> <li>1 SCAD1817 Utility Knife with Spare Blade</li> <li>1 SDBB0821 Flat File - 8" (L)</li> <li>1 SDBC0821 Half Round File - 8" (L)</li> <li>1 SDBD0808 Round File - 8" (L)</li> <li>1 SDBE0815 Triangle File - 8" (L)</li> </ul>	2 (SET)

**16PCS**  
Combination Tool Set



ITEM NO.	CONTENTS	2 (SET)
GED1637	<ul style="list-style-type: none"> <li>1 HAAC1635 Ball Peen Hammer (16oz)</li> <li>1 HAAF3530 Soft Face Hammer (Ø35mm)</li> <li>1 JCBA1118 Pry Bar - 18"</li> <li>1 JEAL160A 3-Function Tire Pressure Gauge</li> <li>1 KAGA0204 Angle Nozzle Air Blow Gun - 4"</li> <li>2 KALC082J 1/4" Air Nipple (Japanese Type)</li> <li>1 FIAA1615 1/2" Dr. Impact Driver (L=145mm)</li> <li>2 FSAC1008 &amp; 1010 5/16" Hex Shank Slotted Insert Bits 1.2x8 &amp; 1.6x10 mm (L=36mm)</li> <li>2 FSBC1002 &amp; 1003 5/16" Hex Shank Phillips Insert Bits PH2 &amp; PH3 (L=36mm)</li> <li>1 FTAB1610 Quick Change Bit Holder 1/2" Dr. x 5/16" (H) (L=36mm)</li> <li>2 HCAB1014 &amp; 1516 Flat Chisel - 10x140 &amp; 15x160 mm</li> <li>1 HBAC0310 Center Punch - 3x100 mm</li> </ul>	2 (SET)

**16PCS**  
Combination Tool Set



ITEM NO.	CONTENTS	2 (SET)
GED1650	<ul style="list-style-type: none"> <li>1 HAAC1635 Ball Peen Hammer (16oz)</li> <li>1 HAAF3530 Soft Face Hammer (Ø35mm)</li> <li>1 JCBA1118 Pry Bar - 18"</li> <li>1 JEAL160A 3-Function Tire Pressure Gauge</li> <li>1 KAGA0204 Angle Nozzle Air Blow Gun - 4"</li> <li>2 KALC081E 1/4" Air Nipple (European Type)</li> <li>1 FIAA1615 1/2" Dr. Impact Driver (L=145mm)</li> <li>2 FSAC1008 &amp; 1010 5/16" Hex Shank Slotted Insert Bits 1.2x8 &amp; 1.6x10 mm (L=36mm)</li> <li>2 FSBC1002 &amp; 1003 5/16" Hex Shank Phillips Insert Bits PH2 &amp; PH3 (L=36mm)</li> <li>1 FTAB1610 Quick Change Bit Holder 1/2" Dr. x 5/16" (H) (L=36mm)</li> <li>2 HCAB1014 &amp; 1516 Flat Chisel - 10x140 &amp; 15x160 mm</li> <li>1 HBAC0310 Center Punch - 3x100 mm</li> </ul>	2 (SET)



EPE Foam Insert System



**GENERAL WORKSHOP EQUIPMENT**



*EPE Foam Modular Insert Tray System*



**EPE Foam Modular Tool Control System**

Spanner & Socket sets and tool kits now feature new EPE form insert trays to reduce wear on tools and keep them well-organized. Ideal for tool cabinet arrangements or tool box storage.

EPE tool control system trays are designed to use in professional workshops. The top grade quality "high density closed cell" EPE form tray resists to liquids and will not become tacky or sticky. It can be easily clean with a pressure washer. These EPE form trays are precisely made and cut by CNC machinery, each cavity is purposely designed for each tool to ensure a perfect fit. The black top and vivid green base makes it possible to instantly recognize if all tools have been returned after use.



**PRO-PLUS SERIES GRAY**

*Satin Chrome Finished*

**W/4 DRAWER TOOL CHEST + W/7 DRAWER TOOL TROLLEY**

**9 DRAWER TOOLS**

**367PCS**  
9 DRAWER TOOLS  
ITEM NO.  
GW-08807 (W/4)  
+ GV-27909 (W/7)



**88PCS W/4 DRAWER TOOL CHEST 4 DRAWER TOOLS**



**1<sup>ST</sup> DRAWER**  
GVC2604 GVA1017



**2<sup>ND</sup> DRAWER**  
GVC1202 GVA1103

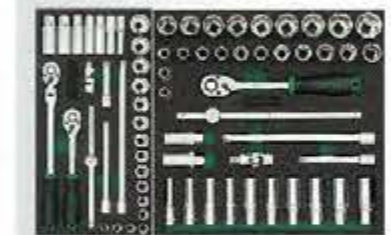


**3<sup>RD</sup> DRAWER**  
GVA0711 GVA0410 GVA0716



**4<sup>TH</sup> DRAWER**  
GVA0301 GVA0405 GVA0406

**279PCS W/7 DRAWER TOOL TROLLEY 5 DRAWER TOOLS**



**1<sup>ST</sup> DRAWER**  
GVA3002 GVC3903



**2<sup>ND</sup> DRAWER**  
GVC6101 GVA5004



**3<sup>RD</sup> DRAWER**  
GVB2503 GVB1202



**4<sup>TH</sup> DRAWER**  
GVB0904 GVB0701



**5<sup>TH</sup> DRAWER**  
GVD4602

**88PCS W/4 DRAWER TOOL CHEST**

W/4-Drawer Tool Chest - 88PCS Mechanical Tool Set

CONTENTS	DESCRIPTION	PAGE
TBAL0403	4-Drawer Tool Chest	307
<b>1<sup>ST</sup></b> GVC2604	15" Offset Hi-Performance Combination Wrench Set	27
GVA1017	Pro-Series Reversible Ratchet Combination Wrench Set	25
<b>2<sup>ND</sup></b> GVC1202	75" Offset Double Ring Wrench Set	27
GVA1103	Double Open Wrench Set	25
GVA0711	Double End Swivel-Socket Wrench Set	25
<b>3<sup>RD</sup></b> GVA0410	Hex Nut Driver T-Handle Set	25
GVA0716	L-Type Two Way Hex Key Wrench Set	26
GVA0301	Pliers Assortment Set	26
<b>4<sup>TH</sup></b> GVA0405	Pliers Assortment Set	26
GVA0406	Retaining Ring Pliers Set	26

**279PCS W/7 DRAWER TOOL TROLLEY**

W/7-Drawer Tool Trolley - 279PCS Mechanical Tool Set

CONTENTS	DESCRIPTION	PAGE
TCAL0703	7-Drawer Mobile Tool Trolley	306
<b>1<sup>ST</sup></b> GVA3002	3/8" DR. Socket Set	25
GVC3903	1/2" DR. Socket Set	28
<b>2<sup>ND</sup></b> GVC6101	Star Wrench, Socket & Screwdriver Set	28
GVA5004	1/4" DR. Socket Set	25
<b>3<sup>RD</sup></b> GVB2503	1/2" DR. Bit Socket Set	26
GVB1202	Screwdriver Set	26
<b>4<sup>TH</sup></b> GVB0904	Hammer, Punch & Chisel Set	27
GVB0701	File Tool Set	27
<b>5<sup>TH</sup></b> GVD4602	1/2" DR. Torque Wrench & Air Impact Wrench Socket Set	28



W/7 DRAWER TOOL TROLLEY



NEW PRO-LINE SERIES GRAY

**6 DRAWER TOOLS**

**338PCS**  
ITEM NO.  
GV-33813

W/7-Drawer Tool Trolley

W/7-Drawer Tool Trolley - 338PCS Mechanical Tool Set

CONTENTS	DESCRIPTION	PAGE
TCBK0703	7-Drawer Mobile Tool Trolley (Jumbo Model)	308
GVD2801	Combination & Double Ring Wrench Set	28
1 <sup>ST</sup> GVA1017	Pro-Series Reversible Ratchet Combination Wrench Set	25
GVA5004	1/4" DR. Socket Set	25
2 <sup>ND</sup> GVA3002	3/8" DR. Socket Set	25
GVC3903	1/2" DR. Socket Set	28
GVB2503	1/2" DR. Bit Socket Set	26
3 <sup>RD</sup> GVB2906	1/2" DR. Impact Socket Set	27
GVA0715	L-Type Two Way Ball Point & Hex Key Wrench Set	26
GVC6101	Star Wrench, Socket & Screwdriver Set	28
4 <sup>TH</sup> GVA0405	Pliers Assortment Set	26
GVA0301	Pliers Assortment Set	26
GVB1202	Screwdriver Set	26
5 <sup>TH</sup> GVB0904	Hammer, Punch & Chisel Set	27
GVA0406	Retaining Ring Pliers Set	26
6 <sup>TH</sup> GVD2010	3/4" DR. Socket Set	28
GVA0711	Double End Swivel-Socket Wrench Set	25



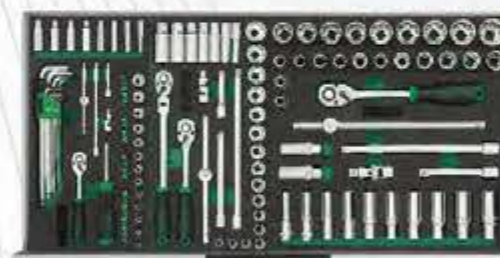
NEW PRO-LINE SERIES  
ITEM NO. GV-33813

6 DRAWER TOOLS



1<sup>ST</sup> DRAWER

GVD2801 GVA1017



2<sup>ND</sup> DRAWER

GVA5004 GVA3002 GVC3903



3<sup>RD</sup> DRAWER

GVB2503 GVB2906 GVA0715



4<sup>TH</sup> DRAWER

GVC6101 GVA0405 GVA0301



5<sup>TH</sup> DRAWER

GVB1202 GVB0904 GVA0406



6<sup>TH</sup> DRAWER

GVD2010 GVA0711



Smart foldable key



12mm PVC material top mat



Bottle holder design also fits the hole system, directly hanging on the sidewall of trolley without screws. For storing, cleaning products, sprays and etc.



Rounded edge & recessed-frame sidewall body construction



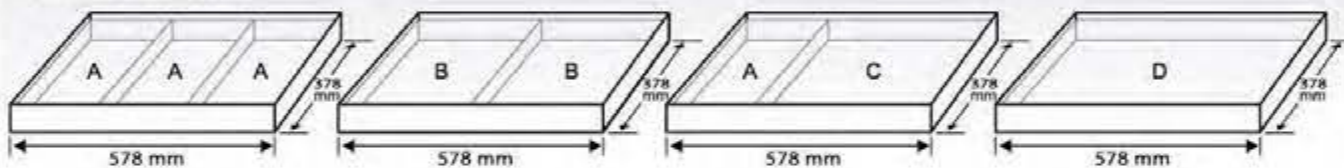
Heavy duty 5"x2" anti-slip & shockproof TPR casters with lock

**JUMBO**  
**MODEL**



**NEW MECHANICS TOOL SETS IN EPE FOAM INSERT TRAY**

All New TOPTUL high quality EPE form drawer tool sets are currently designed with 4 interchangeable insert sizes (A, B, C, D) allowing users to mix and match personally best favorite and suitable tool selection within each drawer.



**50PCS** Satin Chrome Finished  
**1/4" DR. Socket Set**

W192 x D375 x H32 (mm)

**30PCS** Satin Chrome Finished  
**3/8" DR. Socket Set**

**11PCS** Satin Chrome Finished  
**Double Open Wrench Set**

**ITEM NO. CONTENTS** 6 (SET)

**GVA1103** 11 AAEJ0607-3032  
Double Open End Wrenches  
6x7, 8x9, 10x11, 12x13, 14x15, 16x17,  
18x19, 20x22, 21x23, 24x27, 30x32 mm

**10PCS** Satin Chrome Finished  
**Pro-Series Reversible Ratchet Combination Wrench Set**

**ITEM NO. CONTENTS** 6 (SET)

**GVA1017** 7 ABAF0808-1919  
72 Teeth Pro-Series Reversible Ratchet  
Combination Wrenches  
8, 10, 12, 13, 17, 19 mm

3 CANA0810-1619  
Socket Adapter with Quick Release  
(For Ratchet Wrench)  
1/4" Dr. x 10mm,  
3/8" Dr. x 13mm,  
1/2" Dr. x 19mm

1 FTAB0810  
Quick Change Bit Holder  
(For Ratchet Wrench)  
1/4" Dr. x 10mm

**ITEM NO. CONTENTS** 6 (SET)

**GVA5004** 10 BAEA0804-0814  
1/4" Dr. 6PT Flank Sockets  
4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12,  
13, 14 mm

8 BAAE0806-0813  
1/4" Dr. 6PT Flank Deep Sockets  
6, 7, 8, 9, 10, 11, 12, 13 mm

3 BCDA0803-0808  
1/4" Dr. Hex Bit Sockets  
3, 4, 5, 6, 8 mm

3 BCCA0803-0808  
1/4" Dr. Slotted Bit Sockets  
3, 5.5, 8 mm

3 BCAA08P0-08P2  
1/4" Dr. Phillips Bit Sockets  
PH0, PH1, PH2

3 BCBA08P0-08P2  
1/4" Dr. Pozid Bit Sockets  
PZ0, PZ1, PZ2

1 CAIP0816  
1/4" Dr. Spinner Handle

1 CTCK0811  
1/4" Dr. Sliding T-Handle

1 CAHA0840  
1/4" Dr. Universal Joint

3 CAAA0802 & 0806  
1/4" Dr. Extension Bar  
2" & 6" (L)

1 CJB0815  
1/4" Dr. 72 Teeth Reversible Ratchet  
Handle with Quick Release

1 GAAL0917  
Extra Long Ball Point Hex Wrench Set  
1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm

**7PCS** Satin Chrome Finished  
**Double End Swivel-Socket Wrench Set**

**ITEM NO. CONTENTS** 6 (SET)

**GVA0711** 7 AEEO0607-1819  
Double End Swivel-Socket Wrenches  
6x7, 8x9, 10x11, 12x13, 14x15,  
16x17, 18x19 mm

**ITEM NO. CONTENTS** 6 (SET)

**GVA3002** 10 BAEA1208-1224  
3/8" Dr. 6PT Flank Sockets  
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18,  
19, 20, 21, 22, 24 mm

7 BAAE1208-1219  
3/8" Dr. 6PT Flank Deep Sockets  
8, 10, 12, 13, 14, 17, 19 mm

3 CAAA1203-1210  
3/8" Dr. Extension Bar - 3", 6", 10" (L)

1 CTCK1220  
3/8" Dr. Sliding T-Handle

1 CAHA1254  
3/8" Dr. Universal Joint

1 CJB01220  
3/8" Dr. 36 Teeth Reversible Ratchet  
Handle with Quick Release

1 CJHM1228  
3/8" Dr. 72 Teeth Flexible Reversible  
Ratchet Handle with Quick Release

**4PCS** Satin Chrome Finished  
**Hex Nut Driver T-Handle Set**

**ITEM NO. CONTENTS** 6 (SET)

**GVA0410** 4 CTJA0823-1323  
Hex Nut Driver T-Handle  
8, 10, 12, 13 mm



**7PCS**  
**L-Type Two Way Hex Key Wrench Set**

**ITEM NO. CONTENTS** 6 (SET)

**GVA0716** 7 AGHD0214-0827  
L-Type Two Way Hex Key  
Wrenches 10+10  
2, 2.5, 3, 4, 5, 6, 8 mm

**7PCS**  
**L-Type Two Way Ball Point & Hex Key Wrench Set**

**ITEM NO. CONTENTS** 6 (SET)

**GVA0715** 7 AGCD0214-0827  
L-Type Two Way Ball Point &  
Hex Key Wrenches 10+10  
2, 2.5, 3, 4, 5, 6, 8 mm

**7PCS**  
**L-Type Two Way Star & Tamperproof Key Wrench Set**

**ITEM NO. CONTENTS** 6 (SET)

**GVA0712** 7 AIED1014-4020  
L-Type Two Way Star &  
Tamperproof Key Wrenches 10+10  
T10, T15, T20, T25, T27, T30, T40

**9PCS**  
**Screwdriver Set**

**ITEM NO. CONTENTS** 6 (SET)

**GVA0909** 1 FABB6E03  
Slubby Slotted Anti-Slip Screwdriver  
6.5x25

4 FAAB0308-6E15  
Slotted Anti-Slip Screwdrivers  
3x75, 4x100, 5.5x100, 6.5x150

1 FBBS0203  
Slubby Phillips Anti-Slip Screwdriver  
PH2x25

2 FBAB0108 & 0210  
Phillips Anti-Slip Screwdrivers  
PH1x80 & PH2x100

1 FBHB0315  
Phillips Anti-Slip Screwdriver  
(Hexagon Steel & Hexagon Driver)  
PH3x150

**4PCS**  
**Retaining Ring Pliers Set**

**ITEM NO. CONTENTS** 6 (SET)

**GVA0406** 4 DCAA1207  
90° Retaining Ring Pliers  
(External Ring) - 7" (L)

1 DCAB1207  
Straight Retaining Ring Pliers  
(External Ring) - 7" (L)

1 DCAC1207  
90° Retaining Ring Pliers  
(Internal Ring) - 7" (L)

1 DCAD1207  
Straight Retaining Ring Pliers  
(Internal Ring) - 7" (L)

**4PCS**  
**Pliers Assortment Set**

**ITEM NO. CONTENTS** 6 (SET)

**GVA0405** 4 DEBC2207  
Heavy Duty Diagonal Cutting Pliers - 7" (L)

1 DBBB2207  
Combination Pliers - 7" (L)

1 DFBB2208  
Long Nose Pliers - 8" (L)

1 DFBA2208  
Bent Nose Pliers - 8" (L)

**3PCS**  
**Pliers Assortment Set**

**ITEM NO. CONTENTS** 6 (SET)

**GVA0301** 3 DAAQ1A10  
Curved Jaw Locking Pliers with  
Wire Cutter - 10" (L)

1 DDBA2210  
Box-Joint Water Pump Pliers - 10" (L)

1 DEBB2206  
Diagonal Cutting Pliers - 6" (L)

**8PCS**  
**Hammer, Punch & Chisel Set**

**ITEM NO. CONTENTS** 6 (SET)

**GVA0807** 8 HAAA0532  
Engineers Hammer (500g)

1 HBAA0315-0618  
Pin Punch  
3x130, 4x150, 5x160, 6x180 mm

1 HRAR0414  
Taper Punch  
4x140 mm

1 HCAB1918 & 2522  
Flat Chisel  
19x180 & 25x220 mm

**B**  
W288 x D375 x H32 (mm)

**25PCS** Satin Chrome Finished  
**1/2" DR. Bit Socket Set**

**ITEM NO. CONTENTS** 5 (SET)

**GVB2503** 5 BCDA1604-1619  
1/2" Dr. Hex Bit Sockets  
4, 5, 6, 7, 8, 10, 12, 14, 17, 19 mm (55mmL)

3 BCFA1620-1645  
1/2" Dr. Star Bit Sockets  
T20, T25, T27, T30, T40, T45 (55mmL)

3 BCXA1650-1660  
1/2" Dr. Star Bit Sockets  
T50, T55, T60 (80mmL)

1 BCUA1670  
1/2" Dr. Extra Long Star Bit Socket  
T70 (140mmL)

3 BCJA1606-1612  
1/2" Dr. Long Spline Bit Sockets  
M6, M8, M10, M12 (100mmL)

1 BCJD1614  
1/2" Dr. Long Spline Bit Socket  
M14 (100mmL)

**12PCS**  
**Screwdriver Set**

**ITEM NO. CONTENTS** 5 (SET)

**GVB1202** 5 FABB6E03  
Slubby Slotted Anti-Slip Screwdriver  
6.5x25

4 FAAB0308-5E15  
Slotted Anti-Slip Screwdrivers  
3.0x75, 3.5x100, 4.0x100, 5.5x150

1 FAHD6E15  
Slotted Anti-Slip Screwdriver (Hexagon  
Steel & Hexagon Driver) - 6.5x150

1 FAGB0818  
Go-Thru Slotted Impact Screwdriver  
(Hexagon Steel & Hexagon Driver)  
8x175

1 FBBS0203  
Slubby Phillips Anti-Slip Screwdriver  
PH2x25

1 FBAB0006-0210  
Phillips Anti-Slip Screwdrivers  
PH0x60, PH1x80, PH2x100

1 FBHB0315  
Phillips Anti-Slip Screwdriver (Hexagon  
Steel & Hexagon Driver) - PH3x150





**29PCS** Black Phosphate Finished  
1/2" DR. Impact Socket Set



ITEM NO.	CONTENTS
GVB2906	<ul style="list-style-type: none"> <li>1 KABA1608-1632 1/2" Dr. 6PT Flank Impact Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 mm</li> <li>1 KABP1617-1621 1/2" Dr. 6PT Flank Pro-Series Thin Wall Deep Impact Sockets with Plastic Sleeves 17, 19, 21 mm</li> <li>1 KACE1605 1/2" Dr. Impact Extension Bar - 5" (L)</li> <li>1 KACH1608 1/2" Dr. Impact Universal Joint</li> </ul>

**9PCS**  
Hammer, Punch & Chisel Set



ITEM NO.	CONTENTS
GVB0904	<ul style="list-style-type: none"> <li>1 HAAA0532 Engineers Hammer (500g)</li> <li>1 HAAB1036 Dead Blow Hammer (1 lb)</li> <li>1 HBBA0315-0621 Soft Grip Pin Punch 3x150, 4x180, 5x200, 6x210 mm</li> <li>1 HBBC0419 Soft Grip Center Punch 4x185 mm</li> <li>1 HCBB1920 &amp; 2522 Soft Grip Flat Chisel 19x200 &amp; 25x220 mm</li> </ul>

**7PCS**  
File Tool Set



ITEM NO.	CONTENTS
GVB0701	<ul style="list-style-type: none"> <li>1 SDBB0821 Flat File - 8" (L)</li> <li>1 SDBE0815 Triangle File - 8" (L)</li> <li>1 SDBC0821 Half Round File - 8" (L)</li> <li>1 SDBA0808 Square File - 8" (L)</li> <li>1 SDBD0808 Round File - 8" (L)</li> <li>1 JJA0813 Scraper (245mmL)</li> <li>1 NBAA0315 3 Row Stainless Steel Wire Brush (290mmL)</li> </ul>

**9PCS**  
Hammer, Punch & Chisel Set



ITEM NO.	CONTENTS
GVB0905	<ul style="list-style-type: none"> <li>1 HAAA0532 Engineers Hammer (500g)</li> <li>1 HAAF3530 Soft Face Hammer (Ø35mm)</li> <li>1 HBBA0315-0621 Soft Grip Pin Punch 3x150, 4x180, 5x200, 6x210 mm</li> <li>1 HBBC0419 Soft Grip Center Punch 4x185 mm</li> <li>1 HCBB1920 &amp; 2522 Soft Grip Flat Chisel 19x200 &amp; 25x220 mm</li> </ul>

**26PCS** Satin Chrome Finished  
15° Offset Hi-Performance Combination Wrench Set



ITEM NO.	CONTENTS
GVC2604	<ul style="list-style-type: none"> <li>1 AAEX0606-3232 Hi-Performance Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 mm</li> </ul>

**26PCS** Satin Chrome Finished  
15° Offset Pro-Line Combination Wrench Set



ITEM NO.	CONTENTS
GVC2605	<ul style="list-style-type: none"> <li>1 AABW0606-3232 Pro-Line Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 mm</li> </ul>

**12PCS** Satin Chrome Finished  
75° Offset Double Ring Wrench Set



ITEM NO.	CONTENTS
GVC1202	<ul style="list-style-type: none"> <li>1 AAEI0607-3032 Double Ring Wrench 75° Offset 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32 mm</li> </ul>

**39PCS** Satin Chrome Finished  
1/2" DR. Socket Set



ITEM NO.	CONTENTS
GVC3903	<ul style="list-style-type: none"> <li>1 BAEA1610-1632 1/2" Dr. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 mm</li> <li>1 BAEE1610-1624 1/2" Dr. 6PT Flank Deep Sockets 10, 12, 13, 14, 16, 17, 19, 21, 22, 24 mm</li> <li>1 BAAR1616 &amp; 1621 1/2" Dr. Spark Plug Sockets - 16 &amp; 21 mm</li> <li>1 CTCK1630 1/2" Dr. Sliding T-Handle - 12" (L)</li> <li>1 CAHA1678 1/2" Dr. Universal Joint</li> <li>1 CAAA1605 &amp; 1610 1/2" Dr. Extension Bar - 5" &amp; 10" (L)</li> <li>1 CJRG1627 1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release</li> </ul>

**61PCS**  
Star Wrench, Socket & Screwdriver Set



ITEM NO.	CONTENTS
GVC6101	<ul style="list-style-type: none"> <li>1 AAEE0608-2024 Star Wrench E6xE8, E10xE12, E14xE18, E20xE24</li> <li>1 FFIB0605 &amp; 0705 Precision Star Screwdrivers - T8 &amp; T7</li> <li>1 FFAB0808-4015 Star Anti-Slip Screwdrivers T8, T9, T10, T15, T20, T25, T27, T30, T40</li> <li>1 BAED0804-0808 1/4" Dr. Star Sockets - E4, E5, E6, E7, E8</li> <li>1 BAED1210-1214 3/8" Dr. Star Sockets - E10, E11, E12, E14</li> <li>1 BAED1616-1624 1/2" Dr. Star Sockets - E16, E18, E20, E24</li> <li>1 BCFA0810-0830 1/4" Dr. Star Bit Sockets T10, T15, T20, T25, T27, T30</li> <li>1 BCFA1240 &amp; 1245 3/8" Dr. Star Bit Sockets - T40 &amp; T45</li> <li>1 BCFA1650-1660 1/2" Dr. Star Bit Sockets - T50, T55, T60</li> <li>1 GAAL0913 Short Type Star Key Wrench Set T10, T15, T20, T25, T27, T30, T40, T45, T50</li> <li>1 FSEA0806-0809 1/4" Hex Shank Star Insert Bits T6, T7, T8, T9</li> <li>1 FSGA0810-0840 1/4" Hex Shank Star Tamperproof Insert Bits T10, T15, T20, T25, T27, T30, T40</li> <li>1 FTAB0808 &amp; 1208 Quick Change Bit Holder                     <ul style="list-style-type: none"> <li>1 1/4" Dr. x 1/4" Quick Change Bit Holder</li> <li>1 3/8" Dr. x 1/4" Quick Change Bit Holder</li> </ul> </li> </ul>



**28PCS** Satin Chrome Finished  
Combination & Double Ring Wrench Set



ITEM NO.	CONTENTS
GVD2801	<ul style="list-style-type: none"> <li>1 AAEX0606-2727 Hi-Performance Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27 mm</li> <li>1 AAEI0607-2427 Double Ring Wrench 75° Offset 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27 mm</li> </ul>

**46PCS** Black Phosphate Finished  
1/2" DR. Torque Wrench & Air Impact Wrench Socket Set



ITEM NO.	CONTENTS
GVD4602	<ul style="list-style-type: none"> <li>1 ANAM1620 1/2" Dr. Micrometer Adjustable Torque Wrench (Window Display) Capacity 40-200Nm</li> <li>1 KAAC1645 1/2" Dr. Super Duty Air Impact Wrench Max. Torque 450 ft-lb</li> <li>1 KABP1617-1621 1/2" Dr. 6PT Flank Pro-Series Thin Wall Deep Impact Sockets with Plastic Sleeves 17, 19, 21 mm</li> <li>1 KABA1608-1632 1/2" Dr. 6PT Flank Impact Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 mm</li> <li>1 KABE1610-1632 1/2" Dr. 6PT Flank Deep Impact Sockets 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32 mm</li> <li>1 KACE1605 1/2" Dr. Impact Extension Bar - 5" (L)</li> <li>1 KACH1608 1/2" Dr. Impact Universal Joint</li> </ul>

**28PCS** Satin Chrome Finished  
Combination & Double Ring Wrench Set



ITEM NO.	CONTENTS
GVD2803	<ul style="list-style-type: none"> <li>1 AABW0606-2727 Pro-Line Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27 mm</li> <li>1 AAEI0607-2427 Double Ring Wrench 75° Offset 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27 mm</li> </ul>

**20PCS** Satin Chrome Finished  
3/4" DR. Socket Set



ITEM NO.	CONTENTS
GVD2010	<ul style="list-style-type: none"> <li>1 BAEA2419-2450 3/4" Dr. 6PT Flank Sockets 19, 21, 22, 24, 27, 30, 32, 33, 34, 36, 38, 41, 46, 50 mm</li> <li>1 CABA2404-2416 3/4" Dr. Extension Bar with Quick Release 4", 6", 16" (L)</li> <li>1 CAHA24A0 3/4" Dr. Universal Joint</li> <li>1 CTCJ2418 3/4" Dr. Sliding T-Handle with Quick Release</li> <li>1 CHFS2451 3/4" Dr. 43 Teeth Reversible Ratchet Handle with Quick Release</li> </ul>

PROFESSIONAL MECHANICS  
TOOL SET SERIES



MASTER TOOL SETS





**Master Tool Sets Professional**

mechanical tool sets with mobile trolley and cabinet



**NEW MECHANICS TOOL SETS**



**TOPTUL** tool assortments in tool tray & plastic box insert for general workshop applications

**PROFESSIONAL MECHANICAL TOOL SETS**

W/8 DRAWER TOOL TROLLEY

**7 DRAWER TOOLS**

**383PCS**

**ITEM NO.**

**GT-38303**



PRO-PLUS SERIES GRAY

W/8-Drawer Tool Trolley - 383PCS Mechanical Tool Set

CONTENTS	DESCRIPTION	PAGE
TCL0803	8-Drawer Mobile Tool Trolley	307
GTA0710	7 Double End Swivel-Socket Wrench Set	37
GTA1804	18 Double Open End Wrench & Hex Key Wrench Set	37
GTA1638	15 15° Offset Hi-Performance Combination Wrench Set	36
GTA0439	15 15° Offset Hi-Performance Combination Wrench Set	36
GTA1012	19 Angled Socket Wrench Set	37
GTA0611	Flare Nut Wrench Set	37
GTA1541	15 Pro-Series Reversible Ratchet Combination Wrench Set	37
GTA0801	75° Offset Double Ring Wrench Set	36
GTA2234	Screw Repair Tools Set	38
GTB7202	1/4" DR. Socket & Ball Point Hex Key Wrench Set	41
GTB3503	3/8" DR. Socket Set	41
GTA2414	1/2" DR. Bit Socket Set	37
GTB2305	1/2" DR. Deep Flank Socket Set	40
GTB2504	1/2" DR. Flank Socket Set	40
GTA0823	Slotted & Phillips Screwdriver Set	38
GTB4006	Star & Tamperproof Socket Wrench Set	40
GTB0811	L-Type Two Way Ball Point & Hex Key Wrench Set	41
GTA0315	Adjustable Wrench & Pliers Set	38
GTA0416	Pliers Assortment Set	38
GTA0417	Retaining Ring Pliers Set	38
GTA0532	File Set	39
GTA0724	Chisels & Hammers Set	39
GTB0808	Hacksaw, Adjustable Wrench & Pin Punch Set	41
GTB1107	Measuring, Marking & Cutting Tool Set	41

**7 DRAWER TOOLS**



**1<sup>ST</sup> DRAWER**

GTA0710	GTA1804	GTA1638	GTA0439
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**2<sup>ND</sup> DRAWER**

GTA1012	GTA0611	GTA1541	GTA0801
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**3<sup>RD</sup> DRAWER**

GTA0823	GTB4006
	GTB0811



**4<sup>TH</sup> DRAWER**

GTA2234	GTB7202
	GTB3503



**5<sup>TH</sup> DRAWER**

GTA2414	GTB2305
	GTB2504



**6<sup>TH</sup> DRAWER**

GTA0315	GTA0416	GTA0417	GTA0532
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**7<sup>TH</sup> DRAWER**

GTA0724	GTB0808
	GTB1107



W/7-DRAWER TOOL TROLLEY

**5 DRAWER TOOLS**



PRO-PLUS SERIES BLUE

**320PCS**  
**ITEM NO.**  
**GT-32010**

W/7-Drawer Tool Trolley - 320PCS Mechanical Tool Set

CONTENTS	DESCRIPTION	PAGE
TCAL0704	7-Drawer Mobile Tool Trolley	306
GTA1638	15" Offset Hi-Performance Combination Wrench Set	36
1 <sup>ST</sup> GTA1541	15 Pro-Series Reversible Ratchet Combination Wrench Set	37
GTA1804	18 Double Open End Wrench & Hex Key Wrench Set	37
GTA0801	75° Offset Double Ring Wrench Set	36
GTA2414	24 1/2" DR. Bit Socket Set	37
2 <sup>ND</sup> GTB7202	72 1/4" DR. Socket & Ball Point Hex Key Wrench Set	41
GTB2504	25 1/2" DR. Flank Socket Set	40
GTA2234	22 Screw Repair Tools Set	38
3 <sup>RD</sup> GTA4006	40 Star & Tamperproof Socket Wrench Set	40
GTB3503	35 3/8" DR. Socket Set	41
GTA0315	3 Adjustable Wrench & Pliers Set	38
4 <sup>TH</sup> GTA0416	4 Pliers Assortment Set	38
GTA0417	4 Retaining Ring Pliers Set	38
GTA0823	8 Slotted & Phillips Screwdriver Set	38
GTA0724	7 Chisels & Hammers Set	39
5 <sup>TH</sup> GTB0808	8 Hacksaw, Adjustable Wrench & Pin Punch Set	41
GTB1107	11 Measuring, Marking & Cutting Tool Set	41

320PCS

5 DRAWER TOOLS



1<sup>ST</sup> DRAWER

GTA1638	GTA1541	GTA1804	GTA0801
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2<sup>ND</sup> DRAWER

GTA2414	GTB7202
	GTB2504



3<sup>RD</sup> DRAWER

GTA2234	GTB4006
	GTB3503



4<sup>TH</sup> DRAWER

GTA0315	GTA0416	GTA0417	GTA0823
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5<sup>TH</sup> DRAWER

GTA0724	GTB0808
	GTB1107

**283PCS**

W/7-Drawer Tool Trolley

**5 DRAWER TOOLS**

W/7-Drawer Tool Trolley - 283PCS Mechanical Tool Set

CONTENTS	DESCRIPTION	PAGE
GTA1607	16 15" Offset Super-Torque Combination Wrench Set	36
1 <sup>ST</sup> GTA0408	4 15" Offset Super-Torque Combination Wrench Set	36
GTA0905	9 Double Open End Wrench Set	37
GTA0801	75° Offset Double Ring Wrench Set	36
GTA2234	22 Screw Repair Tools Set	38
2 <sup>ND</sup> GTB7202	72 1/4" DR. Socket & Ball Point Hex Key Wrench Set	41
GTB3503	35 3/8" DR. Socket Set	41
GTA2414	24 1/2" DR. Bit Socket Set	37
3 <sup>RD</sup> GTB2305	23 1/2" DR. Deep Flank Socket Set	40
GTB2504	25 1/2" DR. Flank Socket Set	40
GTC1401	14 Slotted & Phillips Screwdriver Set	42
4 <sup>TH</sup> GTC0903	9 L-Type Two Way Ball Point & Hex Key Wrench Set	42
GTA0416	4 Pliers Assortment Set	38
5 <sup>TH</sup> GTA0417	4 Retaining Ring Pliers Set	38
GTA0427	4 Hammer & Soft Grip Chisel Set	39
GTA1025	10 Soft Grip Chisel & Punch Set	39

283PCS

5 DRAWER TOOLS



1<sup>ST</sup> DRAWER

GTA1607	GTA0408	GTA0905	GTA0801
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2<sup>ND</sup> DRAWER

GTA2234	GTB7202
	GTB3503



3<sup>RD</sup> DRAWER

GTA2414	GTB2305
	GTB2504



4<sup>TH</sup> DRAWER

GTC1401	GTC0903
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5<sup>TH</sup> DRAWER

GTA0416	GTA0417	GTA0427	GTA1025
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PRO-LINE SERIES



ITEM NO.  
GT-28303



ITEM NO.  
GT-28304

GENERAL SERIES



ITEM NO.  
GT-28305



ITEM NO.  
GT-28306



# JUMBO

50% MORE SPACE

W/8 DRAWER TOOL TROLLEY



<b>A</b>	<b>360PCS</b>
ITEM NO.	<b>GT-36001</b>
<b>B</b>	<b>340PCS</b>
ITEM NO.	<b>GT-34001</b>



GENERAL SERIES  
- 5 Drawer Jumbo Roller Cabinet

## NEW MECHANICS TOOL SETS

### // GENERAL SERIES TOOL TROLLEY

- 8 fully extendable jumbo size drawers
- Smooth ball bearing slide drawers with auto-return function
- 10mm EVA material top mat
- Heavy duty 5" x 2" anti-slip & shockproof TPR casters with lock (2 fixed casters & 2 swivel casters with lock)

### **A 360PCS** W/8-Drawer Tool Trolley

#### // W/8-Drawer Tool Trolley - 360PCS Mechanical Tool Set

CONTENTS	DESCRIPTION	PAGE
TCBA0801	8-Drawer Jumbo Roller Cabinet	315
GTA1541	15 Pro-Series Reversible Ratchet Combination Wrench Set	37
GTA0408	15" Offset Super-Torque Combination Wrench Set	36
GTA1607	15" Offset Super-Torque Combination Wrench Set	36
GTA0710	7 Double End Swivel-Socket Wrench Set	37
GTA0905	7 Double Open End Wrench Set	37
GTA0801	7 75" Offset Double Ring Wrench Set	36
GTB7202	7 1/4" DR. Socket & Ball Point Hex Key Wrench Set	41
GTB3503	35 3/8" DR. Socket Set	41
GTB2504	25 1/2" DR. Flank Socket Set	40
GTB2305	23 1/2" DR. Deep Flank Socket Set	40
GTA2234	22 Screw Repair Tools Set	38
GTA2414	24 1/2" DR. Bit Socket Set	37
GTA1836	18 1/2" DR. Flank Impact Socket Set	37
GTA0818	8 Star Tamperproof Screwdriver Set	38
GTC1401	14 Slotted & Phillips Screwdriver Set	42
GTA0315	3 Adjustable Wrench & Pliers Set	38
GTA0416	4 Pliers Assortment Set	38
GTA0427	4 Hammer & Soft Grip Chisel Set	39
GTA0532	5 File Set	39
GTA0417	4 Retaining Ring Pliers Set	38
GTA1025	10 Soft Grip Chisel & Punch Set	39
GTA1031	10 Measuring, Marking & Cutting Tool Set	39
GTC0903	3 L-Type Two Way Ball Point & Hex Key Wrench Set	42
GTA0333	3 Cutting Tools Set	39
GTC0802	2 Hex Nut Driver T-Handle Set	42

### **B 340PCS** W/8-Drawer Tool Trolley

#### // W/8-Drawer Tool Trolley - 340PCS Mechanical Tool Set

CONTENTS	DESCRIPTION	PAGE
TCBA0801	8-Drawer Jumbo Roller Cabinet	315
GTA1804	18 Double Open End Wrench & Hex Key Wrench Set	37
GTA0408	15" Offset Super-Torque Combination Wrench Set	36
GTA1607	15" Offset Super-Torque Combination Wrench Set	36
GTA1541	15 Pro-Series Reversible Ratchet Combination Wrench Set	37
GTA0403	4 75" Offset Double Ring Wrench Set	36
GTA0801	7 75" Offset Double Ring Wrench Set	36
GTA0315	3 Adjustable Wrench & Pliers Set	38
GTA0416	4 Pliers Assortment Set	38
GTA0710	7 Double End Swivel-Socket Wrench Set	37
GTA0724	7 Chisels & Hammers Set	39
GTA0417	4 Retaining Ring Pliers Set	38
GTA0611	6 Flare Nut Wrench Set	37
GTB7202	7 1/4" DR. Socket & Ball Point Hex Key Wrench Set	41
GTB3503	35 3/8" DR. Socket Set	41
GTB2504	25 1/2" DR. Flank Socket Set	40
GTB0609	9 Torque Wrench, Adapter & Ratchet Handle Set	41
GTA0230	2 Pipe Wrench & Ball Peen Hammer Set	39
GTA1213	13 1/2" DR. Bit Socket Set	37
GTA0621	6 Go-Thru Slotted & Phillips Screwdriver Set	38
GTA0532	5 File Set	39
GTA0135	1 Hand Riveter Set	39
GTA0819	8 Star Screwdriver Set	38
GTB4006	6 Star & Tamperproof Socket Wrench Set	40
GTB0811	8 L-Type Two Way Ball Point & Hex Key Wrench Set	41
GTB0808	8 Hacksaw, Adjustable Wrench & Pin Punch Set	41
GTB1107	11 Measuring, Marking & Cutting Tool Set	41

## 5 DRAWER TOOLS

### **A 360PCS**



#### 1<sup>ST</sup> DRAWER

GTA1541	GTA0710
GTA0408	GTA0905
GTA1607	GTA0801



#### 2<sup>ND</sup> DRAWER

GTB7202	GTB3503	GTB2504	GTB2305
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#### 3<sup>RD</sup> DRAWER

GTA2234	GTA0818
GTA2414	GTC1401
GTA1836	



#### 4<sup>TH</sup> DRAWER

GTA0315	GTA0532
GTA0416	GTA0417
GTA0427	GTA1025



#### 5<sup>TH</sup> DRAWER

GTA1031	GTA0333
GTC0903	GTC0802

### **B 340PCS**



#### 1<sup>ST</sup> DRAWER

GTA1804	GTA1541
GTA0408	GTA0403
GTA1607	GTA0801



#### 2<sup>ND</sup> DRAWER

GTA0315	GTA0724
GTA0416	GTA0417
GTA0710	GTA0611



#### 3<sup>RD</sup> DRAWER

GTB7202	GTB3503	GTB2504	GTB0609
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#### 4<sup>TH</sup> DRAWER

GTA0230	GTA0532
GTA1213	GTA0135
GTA0621	GTA0819



#### 5<sup>TH</sup> DRAWER

GTB4006	GTB0811	GTB0808	GTB1107
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W/5 DRAWER TOOL TROLLEY Master Tool Set Series

**3 DRAWER TOOLS**

**GENERAL SERIES TOOL TROLLEY**

- 3 medium & 2 large drawers
- Smooth ball bearing slide drawers with auto-return function
- 10mm EVA material top mat
- Loading capacity per drawer 45 kg
- Static load capacity 480 kg
- Standard 5" x 2" PP casters with lock (2 fixed casters & 2 swivel casters with lock)

**163PCS**

**W/5-Drawer Tool Trolley**  
GENERAL SERIES



ITEM NO. GT-16307



ITEM NO. GT-16308

**W/5-Drawer Tool Trolley - 163PCS Mechanical Tool Set**

	CONTENTS	DESCRIPTION	PAGE
	GTA1607	15° Offset Super-Torque Combination Wrench Set	36
1 <sup>ST</sup>	GTA0801	75° Offset Double Ring Wrench Set	38
	GTA0416	Pliers Assortment Set	38
	GTA0823	Slotted & Phillips Screwdriver Set	38
	GTA0315	Adjustable Wrench & Pliers Set	38
2 <sup>ND</sup>	GTB7202	1/4" DR. Socket & Ball Point Hex Key Wrench Set	41
	GTB2504	1/2" DR. Flank Socket Set	40
	GTA0427	Hammer & Soft Grip Chisel Set	39
3 <sup>RD</sup>	GTA1025	Soft Grip Chisel & Punch Set	39
	GTA0333	Cutting Tools Set	39
	GTA1031	Measuring, Marking & Cutting Tool Set	39

**3 DRAWER TOOLS**



**1<sup>ST</sup> DRAWER**

GTA1607	GTA0801	GTA0416	GTA0823
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**2<sup>ND</sup> DRAWER**

GTA0315	GTB7202
	GTB2504

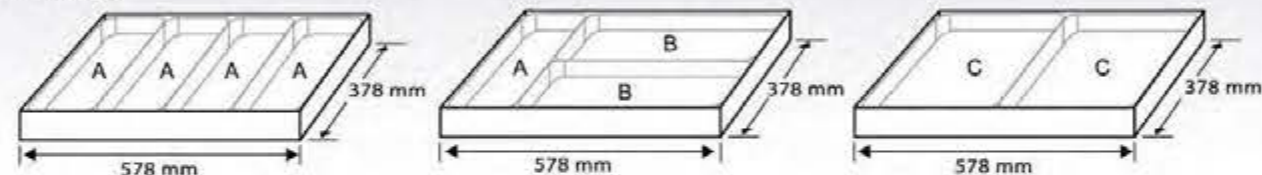


**3<sup>RD</sup> DRAWER**

GTA0427	GTA1025	GTA0333	GTA1031
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**NEW MECHANICS TOOL SETS IN PLASTIC INSERT TRAY & BOX**

All New TOPTUL high quality drawer tool sets are currently designed with 3 interchangeable insert sizes (A, B, C) allowing users to mix and match personally best favorite and suitable tool selection within each drawer.



**Plastic Box**



ITEM NO.	SIZE (W)x(D)x(H)mm	QTY	PKT
PBMB3714	143x373x40	1	10

**8PCS** Satin Chrome Finished  
75° Offset Double Ring Wrench Set



ITEM NO.	CONTENTS	QTY	PKT
GTA0801	AAEI0607-2022 Double Ring Wrench 75° Offset 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm	8	(SET)

**4PCS** Satin Chrome Finished  
75° Offset Double Ring Wrench Set



ITEM NO.	CONTENTS	QTY	PKT
GTA0403	AAEI2123-2732 Double Ring Wrench 75° Offset 21x23, 24x26, 25x28, 27x32 mm	4	(SET)

**8PCS** Satin Chrome Finished  
45° Offset Double Ring Wrench Set



ITEM NO.	CONTENTS	QTY	PKT
GTA0802	AAEH0607-2022 Double Ring Wrench 45° Offset 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm	8	(SET)

**16PCS** Satin Chrome Finished  
15° Offset Hi-Performance Combination Wrench Set



ITEM NO.	CONTENTS	QTY	PKT
GTA1638	AAEX0606-2424 Hi-Performance Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24 mm	6	(SET)

**16PCS** Satin Chrome Finished  
15° Offset Super-Torque Combination Wrench Set



ITEM NO.	CONTENTS	QTY	PKT
GTA1607	AAEW0606-2424 Super-Torque Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24 mm	6	(SET)

**16PCS** Satin Chrome Finished  
15° Offset Pro-Line Combination Wrench Set



ITEM NO.	CONTENTS	QTY	PKT
GTA1642	AABW0606-2424 Pro-Line Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24 mm	6	(SET)

**4PCS** Satin Chrome Finished  
15° Offset Hi-Performance Combination Wrench Set



ITEM NO.	CONTENTS	QTY	PKT
GTA0439	AAEX2727-3232 Hi-Performance Combination Wrench 15° Offset 27, 29, 30, 32 mm	4	(SET)

**4PCS** Satin Chrome Finished  
15° Offset Super-Torque Combination Wrench Set



ITEM NO.	CONTENTS	QTY	PKT
GTA0408	AAEW2727-3232 Super-Torque Combination Wrench 15° Offset 27, 29, 30, 32 mm	4	(SET)

**4PCS** Satin Chrome Finished  
15° Offset Pro-Line Combination Wrench Set



ITEM NO.	CONTENTS	QTY	PKT
GTA0443	AABW2727-3232 Pro-Line Combination Wrench 15° Offset 27, 29, 30, 32 mm	4	(SET)

PROFESSIONAL MECHANICS TOOL SET SERIES

MASTER TOOL SETS



**9PCS** Satin Chrome Finished  
Double Open End Wrench Set



**ITEM NO. CONTENTS** 6 (SET)  
GTA0905 9 AAEJ0607-2224  
Double Open End Wrenches  
6x7, 8x9, 10x11, 12x13, 14x15, 16x17,  
18x19, 21x23, 22x24 mm

**4PCS** Satin Chrome Finished  
Double Open End Wrench Set



**ITEM NO. CONTENTS** 6 (SET)  
GTA0406 4 AAEJ2123-2732  
Double Open End Wrenches  
21x23, 24x26, 25x28, 27x32 mm

**18PCS** Satin Chrome Finished  
Double Open End Wrench & Hex Key  
Wrench Set



**ITEM NO. CONTENTS** 6 (SET)  
GTA1804 18 AAEJ0607-2224A  
Double Open End Wrenches  
6x7, 8x9, 10x11, 12x13, 14x15, 16x17,  
18x19, 20x22, 22x24 mm  
9 GAAL0910  
Short Type Hex Key Wrench Set  
1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm

**7PCS** Satin Chrome Finished  
Double End Swivel-Socket Wrench Set



**ITEM NO. CONTENTS** 6 (SET)  
GTA0710 7 AECE0607-1819  
Double End Swivel-Socket Wrenches  
6x7, 8x9, 10x11, 12x13, 14x15, 16x17,  
18x19 mm

**10PCS** Satin Chrome Finished  
Angled Socket Wrench Set



**ITEM NO. CONTENTS** 6 (SET)  
GTA1012 10 AEA0808-1919  
Angled Socket Wrenches  
8, 10, 11, 12, 13, 14, 16, 17, 18, 19 mm

**15PCS** Satin Chrome Finished  
Pro-Series Reversible Ratchet Combination  
Wrench Set



**ITEM NO. CONTENTS** 6 (SET)  
GTA1541 15 ABAF0808-1919  
72 Teeth Pro-Series Reversible Ratchet  
Combination Wrenches  
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm  
3 CANA0810-1619  
Socket Adapter with Quick Release  
(For Ratchet Wrench)  
1/4" Dr. x 10mm,  
3/8" Dr. x 13mm,  
1/2" Dr. x 19mm

**6PCS** Satin Chrome Finished  
Flare Nut Wrench Set



**ITEM NO. CONTENTS** 6 (SET)  
GTA0611 6 AEEA0810-2224  
Flare Nut Wrenches  
8x10, 11x13, 12x14, 16x18, 17x19,  
22x24 mm

**54PCS** Satin Chrome Finished  
1/4" DR. Socket Set (METRIC & SAE)



**ITEM NO. CONTENTS** 6 (SET)  
GTA5440 54 BAEA0804-0814  
1/4" Dr. 6PT Flank Sockets  
4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12,  
13, 14 mm  
13 BAE0804-0814  
1/4" Dr. 6PT Deep Flank Sockets  
4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12,  
13, 14 mm  
11 BBEA0805-0818  
1/4" Dr. 6PT Flank Sockets  
5/32", 3/16", 7/32", 1/4", 9/32", 5/16",  
11/32", 3/8", 7/16", 1/2", 9/16"

11 BBEE0805-0818  
1/4" Dr. 6PT Deep Flank Sockets  
5/32", 3/16", 7/32", 1/4", 9/32", 5/16",  
11/32", 3/8", 7/16", 1/2", 9/16"  
1 CAHA0840  
1/4" Dr. Universal Joint  
2 CAAA0802 & 0806  
1/4" Dr. Extension Bar - 2" & 6" (L)  
1 CAIP0816  
1/4" Dr. Spinner Handle  
1 CTCK0811  
1/4" Dr. Sliding T-Handle  
1 CJB0815  
1/4" Dr. 72 Teeth Reversible Ratchet  
Handle with Quick Release

**24PCS** Satin Chrome Finished  
1/2" DR. Bit Socket Set



**ITEM NO. CONTENTS** 6 (SET)  
GTA2414 24 BCDA1604-1612  
1/2" Dr. Hex Bit Sockets  
4, 5, 6, 7, 8, 10, 12 mm  
7 BCHA1605-1616  
1/2" Dr. Spline Bit Sockets  
M5, M6, M8, M10, M12, M14, M16  
18 BCFA1620-1670  
1/2" Dr. Star Bit Sockets  
T20, T25, T27, T30, T40, T45, T50, T55,  
T60, T70

**12PCS** Satin Chrome Finished  
1/2" DR. Bit Socket Set



**ITEM NO. CONTENTS** 6 (SET)  
GTA1213 12 BCTA1605  
1/2" Dr. Extra Long Hex Bit Socket  
5 mm (L=180mm)  
2 BCEA1607 & 1608  
1/2" Dr. Long Hex Bit Sockets  
7 & 8 mm (L=100mm)  
2 BCIA1606 & 1610  
1/2" Dr. Extra Long Hex Bit Sockets  
6 & 10 mm (L=140mm)  
2 BCJA1606-1612  
1/2" Dr. Long Spline Bit Sockets  
M6, M8, M10, M12 (L=100mm)  
2 BCKA1640 & 1645  
1/2" Dr. Extra Long Star Tamperproof  
Bit Sockets  
T40 & T45 (L=120mm)  
1 BCVA1655  
1/2" Dr. Extra Long Star Tamperproof  
Bit Socket  
T55 (L=140mm)

**18PCS** Black Phosphate Finish  
1/2" DR. Flank Impact Socket Set



**ITEM NO. CONTENTS** 6 (SET)  
GTA1836 18 KABA1610-1632  
1/2" Dr. 6PT Flank Impact Sockets  
10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21,  
22, 23, 24, 27, 30, 32 mm  
1 KACE1605  
1/2" Dr. Impact Extension Bar - 5" (L)

**8PCS**  
Slotted & Phillips Screwdriver Set



**ITEM NO. CONTENTS** 6 (SET)  
GTA0820 8 FAAB0308-0818  
Slotted Anti-Slip Screwdrivers  
3x75, 3.5x100, 4x100, 5.5x150,  
6.5x150, 8x175  
2 FBAB0110 & 0215  
Phillips Anti-Slip Screwdrivers  
PH1x100 & PH2x150

**8PCS**  
Slotted & Phillips Screwdriver Set



**ITEM NO. CONTENTS** 6 (SET)  
GTA0823 8 FABB6E03  
Stubby Slotted Anti-Slip Screwdriver  
6.5x25  
2 FAAB0410-6E15  
Slotted Anti-Slip Screwdrivers  
4x100, 5.5x100, 6.5x150  
1 FBB0203  
Stubby Phillips Anti-Slip Screwdriver  
PH2x25  
2 FBAB0108-0315  
Phillips Anti-Slip Screwdrivers  
PH1x80, PH2x100, PH3x150

**6PCS**  
Go-Thru Slotted & Phillips Screwdriver Set



**ITEM NO. CONTENTS** 6 (SET)  
GTA0621 6 FBGB0108 & 0210  
Go-Thru Phillips Impact Screwdrivers  
PH1x75 & PH2x100  
4 FAGB5E10-1020  
Go-Thru Slotted Impact Screwdrivers  
5.5x100, 6.5x150, 8x175, 10x200

**8PCS**  
Star Screwdriver Set



**ITEM NO. CONTENTS** 6 (SET)  
GTA0819 8 FFAB0908-4015  
Star Anti-Slip Screwdrivers  
T9, T10, T15, T20, T25, T27, T30, T40

**8PCS**  
Star Tamperproof Screwdriver Set



**ITEM NO. CONTENTS** 6 (SET)  
GTA0818 8 FEAB0908-4015  
Star Tamperproof Anti-Slip Screwdrivers  
T9, T10, T15, T20, T25, T27, T30, T40

**6PCS**  
VDE Insulated Slotted & Phillips Screwdriver Set



**ITEM NO. CONTENTS** 6 (SET)  
GTA0622 6 FAEB0410-6E15  
VDE Insulated Slotted Screwdrivers  
4x100, 5.5x125, 6.5x150  
2 FBEB0008-0210  
VDE Insulated Phillips Screwdrivers  
PH0x75, PH1x100, PH2x100

**4PCS**  
Retaining Ring Pliers Set



**ITEM NO. CONTENTS** 6 (SET)  
GTA0444 4 DCBA1307  
90° Retaining Ring Pliers  
(External Ring) - 7" (L)  
1 DCBB1307  
Straight Retaining Ring Pliers  
(External Ring) - 7" (L)  
1 DCBC1307  
90° Retaining Ring Pliers  
(Internal Ring) - 7" (L)  
1 DCBD1307  
Straight Retaining Ring Pliers  
(Internal Ring) - 7" (L)

**4PCS**  
Retaining Ring Pliers Set



**ITEM NO. CONTENTS** 6 (SET)  
GTA0417 4 DCAA1207  
90° Retaining Ring Pliers  
(External Ring) - 7" (L)  
1 DCAB1207  
Straight Retaining Ring Pliers  
(External Ring) - 7" (L)  
1 DCAC1207  
90° Retaining Ring Pliers  
(Internal Ring) - 7" (L)  
1 DCAD1207  
Straight Retaining Ring Pliers  
(Internal Ring) - 7" (L)

**3PCS**  
Adjustable Wrench & Pliers Set



**ITEM NO. CONTENTS** 6 (SET)  
GTA0315 3 AMAA3325  
Paw Adjustable Wrench - 10" (L)  
1 DAAQ1A10  
Curved Jaw Locking Pliers with Wire  
Cutters - 10" (L)  
1 DDBA2210  
Box-Joint Water Pump Pliers - 10" (L)

**4PCS**  
Pliers Assortment Set



**ITEM NO. CONTENTS** 6 (SET)  
GTA0416 4 DEBC2207  
Heavy Duty Diagonal Cutting Pliers - 7" (L)  
1 DBBB2207  
Combination Pliers - 7" (L)  
1 DFBB2208  
Long Nose Pliers - 8" (L)  
1 DFBA2208  
Bent Nose Pliers - 8" (L)

**22PCS** Satin Chrome Finished  
Screw Repair Tools Set



**ITEM NO. CONTENTS** 6 (SET)  
GTA2234 22 FIAA1615  
1/2" Dr. Impact Driver (L=145mm)  
1 FTAB1610  
Quick Change Bit Holder  
1/2" Dr. x 5/16" (H) (L=38mm)  
2 FSBC1002 & 1003  
5/16" Hex Shank Phillips Insert Bits  
PH2 & PH3 (L=36mm)  
2 FSAC1008 & 1010  
5/16" Hex Shank Slotted Insert Bits  
1.2x8 & 1.6x10 mm (L=36mm)  
2 FSBD1002 & 1003  
5/16" Long Hex Shank Phillips Insert Bits  
PH2 & PH3 (L=80mm)  
2 FSAD1008 & 1010  
5/16" Long Hex Shank Slotted Insert Bits  
1.2x8 & 1.6x10 mm (L=80mm)  
4 BAAM1606-1612  
1/2" Dr. Stud Puller Sockets  
6, 8, 10, 12 mm  
3 DAAX1A12-1A22  
Nut Splitter  
9-12, 12-16, 16-22 mm  
1 JGAW0502  
Screw Extractor Set  
7/64", 9/64", 5/32", 1/4", 19/64"



**7PCS**  
Chisels & Hammers Set



ITEM NO.	CONTENTS	6 (SET)
GTA0724	<ul style="list-style-type: none"> <li>GAAV0501 Chisel Punch Set Pin Punch: 4x10x150 mm Cape Chisel: 5x10x130 mm Cold Chisel: 12x10x130 mm Taper Punch: 3x10x120 mm Center Punch: #2x10x120 mm</li> <li>HAAA0330 Engineers Hammer (300g)</li> <li>HAAB1038 Dead Blow Hammer (1 lb)</li> </ul>	

**4PCS**  
Hammer & Soft Grip Chisel Set



ITEM NO.	CONTENTS	6 (SET)
GTA0427	<ul style="list-style-type: none"> <li>HAAB1038 Dead Blow Hammer (1 lb)</li> <li>HAAA0330 Engineers Hammer (300g)</li> <li>HCBB1920 &amp; 2522 Soft Grip Flat Chisel 19x200 &amp; 25x220 mm</li> </ul>	

**4PCS**  
Hammer & Soft Grip Chisel Set



ITEM NO.	CONTENTS	6 (SET)
GTA0428	<ul style="list-style-type: none"> <li>HAAF3530 Soft Face Hammer (Ø35mm)</li> <li>HAAA0330 Engineers Hammer (300g)</li> <li>HCBB1920 &amp; 2522 Soft Grip Flat Chisel 19x200 &amp; 25x220 mm</li> </ul>	

**4PCS**  
Hammer & Soft Grip Chisel Set



ITEM NO.	CONTENTS	6 (SET)
GTA0429	<ul style="list-style-type: none"> <li>HAAE2527 Club Hammer (2.5 lb)</li> <li>HAAA0330 Engineers Hammer (300g)</li> <li>HCBB1920 &amp; 2522 Soft Grip Flat Chisel 19x200 &amp; 25x220 mm</li> </ul>	

**2PCS**  
Pipe Wrench & Ball Peen Hammer Set



ITEM NO.	CONTENTS	6 (SET)
GTA0230	<ul style="list-style-type: none"> <li>DDAB1A14 Pipe Wrench 14" (L)</li> <li>HAAC1635 Ball Peen Hammer (16 oz)</li> </ul>	

**10PCS** Black Phosphate Finished  
Soft Grip Chisel & Punch Set



ITEM NO.	CONTENTS	6 (SET)
GTA1025	<ul style="list-style-type: none"> <li>HBBA0214-0822 Soft Grip Pin Punch 2x140, 3x150, 4x180, 5x200, 6x210, 8x220 mm</li> <li>HCBB1015 &amp; 1518 Soft Grip Flat Chisel 10x150 &amp; 15x180 mm</li> <li>HCBC0517 Soft Grip Cape Chisel 5x170 mm</li> <li>HBB0419 Soft Grip Center Punch 4x185 mm</li> </ul>	

**10PCS** Black Phosphate Finished  
Soft Grip Chisel & Punch Set



ITEM NO.	CONTENTS	6 (SET)
GTA1026	<ul style="list-style-type: none"> <li>HBBA0214-0822 Soft Grip Pin Punch 2x140, 3x150, 4x180, 5x200, 6x210, 8x220 mm</li> <li>HBB0419-0619 Soft Grip Taper Punch 4x185, 5x185, 6x185 mm</li> <li>HCBB1015 Soft Grip Flat Chisel 10x150 mm</li> </ul>	

**5PCS**  
File Set



ITEM NO.	CONTENTS	6 (SET)
GTA0532	<ul style="list-style-type: none"> <li>SDBB0821 Flat File - 8" (L)</li> <li>SDBE0815 Triangle File - 8" (L)</li> <li>SDBC0821 Half Round File - 8" (L)</li> <li>SDBA0808 Square File - 8" (L)</li> <li>SDBD0808 Round File - 8" (L)</li> </ul>	

**3PCS**  
Cutting Tools Set



ITEM NO.	CONTENTS	6 (SET)
GTA0333	<ul style="list-style-type: none"> <li>SAAA1527 Deluxe Mini Hacksaw - 6" (L)</li> <li>SCAA2017 Heavy Duty Utility Knife with Spare Blade 6" (L)</li> <li>SBAE0808 Straight Pattern Snips - 6" (L)</li> </ul>	

**151PCS**  
Hand Riveter Set



ITEM NO.	CONTENTS	6 (SET)
GTA0135	<ul style="list-style-type: none"> <li>JBAA2448 Hand Riveter</li> <li>ALCA0207 Aluminum Rivets Ø 2.4 x 8 mm</li> <li>ALCA0308 Aluminum Rivets Ø 3.2 x 8 mm</li> <li>ALCA0410 Aluminum Rivets Ø 4 x 10 mm</li> <li>ALCA0510 Aluminum Rivets Ø 4.8 x 10 mm</li> <li>ALCB0407 Stainless Rivets Ø 4 x 7 mm</li> </ul>	

**10PCS**  
Measuring, Marking & Cutting Tool Set



ITEM NO.	CONTENTS	6 (SET)
GTA1031	<ul style="list-style-type: none"> <li>ICAC0122 Screw Pitch Gauges 4-48 (SAE)</li> <li>ICAB0124 Screw Pitch Gauges 0.25-6 (METRIC)</li> <li>ICAA0020 20 Sizes Metric Tapered Feeler Gauge</li> <li>IAAC1905M Heavy Duty Metric Measuring Tape - 5M</li> <li>IACA0150 Stainless Steel Vernier Caliper</li> <li>IABA0300 Stainless Steel Straight Ruler (30cm)</li> <li>IBAA0150 Stainless Steel Protractor</li> <li>HBAF0130 Auto Center Punch</li> <li>IDAA0208 Steel Scriber</li> <li>SBAAD414 Multi-Purpose Electricians Scissors</li> </ul>	



**Plastic Box**

ITEM NO.	SIZE (W)x(D)x(H)mm	1	10
PBMB4319	431x188x40		

**16PCS** Satin Chrome Finished  
15° Offset Super-Torque Combination Wrench Set



ITEM NO.	CONTENTS	6 (SET)
GTB1601	<ul style="list-style-type: none"> <li>AAEW0606-2424 Super-Torque Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24 mm</li> </ul>	

**16PCS** Satin Chrome Finished  
15° Offset Hi-Performance Combination Wrench Set



ITEM NO.	CONTENTS	6 (SET)
GTB1616	<ul style="list-style-type: none"> <li>AAEX0606-2424 Hi-Performance Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24 mm</li> </ul>	

**16PCS** Satin Chrome Finished  
15° Offset Pro-Line Combination Wrench Set



ITEM NO.	CONTENTS	6 (SET)
GTB1621	<ul style="list-style-type: none"> <li>AABW0606-2424 Pro-Line Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24 mm</li> </ul>	

**40PCS** Satin Chrome Finished  
Star & Tamperproof Socket Wrench Set



ITEM NO.	CONTENTS	6 (SET)
GTB4006	<ul style="list-style-type: none"> <li>AAEE0608-2024 Star Wrenches E6xE8, E7xE11, E10xE12, E14xE18, E16xE22, E20xE24</li> <li>BAED0804-0810 1/4" Dr. Star Sockets E4, E5, E6, E7, E8, E10</li> <li>BCLA0808-0840 1/4" Dr. Star Tamperproof Bit Sockets T8, T10, T15, T20, T25, T27, T30, T40</li> <li>BAED1612-1624 1/2" Dr. Star Sockets E12, E14, E16, E18, E20, E22, E24</li> <li>BCLA1645-1660 1/2" Dr. Star Tamperproof Bit Sockets T45, T50, T55, T60</li> <li>GAAL0915 Extra Long Star Tamperproof Key Wrench Set T10, T15, T20, T25, T27, T30, T40, T45, T50</li> </ul>	

**25PCS** Satin Chrome Finished  
1/2" DR. Flank Socket Set



ITEM NO.	CONTENTS	6 (SET)
GTB2504	<ul style="list-style-type: none"> <li>BAAE1608-1632 1/2" Dr. 6PT Flank Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30, 32 mm</li> <li>CAAA1605 &amp; 1610 1/2" Dr. Extension Bar - 5" &amp; 10" (L)</li> <li>CTCK1625 1/2" Dr. Sliding T-Handle</li> <li>CAHA1678 1/2" Dr. Universal Joint</li> <li>CFAC1615 1/2" Dr. Swivel Handle - 15" (L)</li> <li>CJBM1627 1/2" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release</li> </ul>	

**32PCS** Black Phosphate Finished  
1/2" DR. Flank Impact Socket Set



ITEM NO.	CONTENTS	4 (SET)
GTB3222	<ul style="list-style-type: none"> <li>KABA1608-1632 1/2" Dr. 6PT Flank Impact Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32 mm</li> <li>KABE1612-1632 1/2" Dr. 6PT Flank Deep Impact Sockets 12, 13, 14, 16, 17, 19, 21, 22, 24, 27, 30, 32 mm</li> <li>KACE1605 1/2" Dr. Impact Extension Bar - 5" (L)</li> <li>KACN1608 1/2" Dr. Impact Universal Joint</li> </ul>	

**33PCS** Satin Chrome Finished  
3/8" DR. Socket Set (METRIC & SAE)



ITEM NO.	CONTENTS	6 (SET)
GTB3318	<ul style="list-style-type: none"> <li>BAAE1208-1222 3/8" Dr. 6PT Flank Sockets 8, 10, 12, 13, 14, 16, 17, 18, 19, 21, 22 mm</li> <li>BBEA1210-1228 3/8" Dr. 6PT Flank Sockets 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 25/32", 13/16", 7/8"</li> <li>CAHA1254 3/8" Dr. Universal Joint</li> <li>CAAA1203-1210 3/8" Dr. Extension Bar - 3", 6", 10" (L)</li> <li>CTCJ1208 3/8" Dr. Sliding T-Handle with Quick Release - 8" (L)</li> <li>CFKA1210 3/8" Dr. Swivel Handle - 10" (L)</li> <li>BAAR1216 &amp; 1221 3/8" Dr. Spark Plug Sockets - 16 &amp; 21 mm</li> <li>CJBG1220 3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release</li> <li>CAIP0816 1/4" Dr. Spinner Handle</li> <li>CAEB0812 1/4"(F) x 3/8"(M) Adapter</li> </ul>	

**38PCS** Satin Chrome Finished  
1/2" DR. Socket Set (METRIC & SAE)



ITEM NO.	CONTENTS	4 (SET)
GTB3819	<ul style="list-style-type: none"> <li>BAAE1608-1632 1/2" Dr. 6PT Flank Sockets 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 29, 30, 32 mm</li> <li>BBEA1612-1640 1/2" Dr. 6PT Flank Sockets 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"</li> <li>CAHA1678 1/2" Dr. Universal Joint</li> <li>CAAA1603 &amp; 1610 1/2" Dr. Extension Bar - 3" &amp; 10" (L)</li> <li>CFKA1615 1/2" Dr. Swivel Handle - 15" (L)</li> <li>CJBG1627 1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release</li> <li>CAGA1216 3/8"(F) x 1/2"(M) x 1/2"(M) 3-Way Adapter - 44 mm(L)</li> </ul>	

**23PCS** Satin Chrome Finished  
1/2" DR. Deep Flank Socket Set



ITEM NO.	CONTENTS	6 (SET)
GTB2305	<ul style="list-style-type: none"> <li>BAEE1608-1632 1/2" Dr. 6PT Flank Deep Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 28, 29, 30, 32 mm</li> </ul>	



**35PCS** Satin Chrome Finished  
3/8" DR. Socket Set



ITEM NO.	CONTENTS
GTB3503	<ul style="list-style-type: none"> <li>4 BAEA1206-1224 3/8" Dr. 6PT Flank Sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24 mm</li> <li>4 BAEE1208-1219 3/8" Dr. 6PT Flank Deep Sockets 8, 10, 11, 12, 13, 14, 17, 19 mm</li> <li>2 BAAT1216 &amp; 1221 3/8" Dr. Magnetic Spark Plug Sockets 16 &amp; 21 mm</li> <li>2 CAAA1203 &amp; 1206 3/8" Dr. Extension Bar - 3" &amp; 6" (L)</li> <li>1 CTCK1220 3/8" Dr. Sliding T-Handle</li> <li>1 CAEA1612 1/2"(F) x 3/8"(M) Dr. Adapter</li> <li>1 CAHA1254 3/8" Dr. Universal Joint</li> <li>1 CFAC1210 3/8" Dr. Swivel Handle - 10" (L)</li> <li>1 CJBM1220 3/8" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release</li> </ul>

**72PCS** Satin Chrome Finished  
1/4" DR. Socket & Ball Point Hex Key Wrench Set



ITEM NO.	CONTENTS
GTB7202	<ul style="list-style-type: none"> <li>4 BAEA0804-0814 1/4" Dr. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm</li> <li>4 BAEE0804-0814 1/4" Dr. 6PT Flank Deep Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm</li> <li>4 BCBA08P0-08P4 1/4" Dr. Phillips Bit Sockets PH0, PH1, PH2, PH3, PH4</li> <li>4 BCBA08P0-08P3 1/4" Dr. Pozidriv Bit Sockets PZ0, PZ1, PZ2, PZ3</li> <li>4 BCCA0803-0808 1/4" Dr. Slotted Bit Sockets 3, 4, 4.5, 5.5, 6.5, 8 mm</li> <li>7 BCDA082E-0808 1/4" Dr. Hex Bit Sockets 2.5, 3, 4, 5, 6, 7, 8 mm</li> <li>4 BCFA0808-0840 1/4" Dr. Star Bit Sockets T8, T10, T15, T20, T25, T27, T30, T40</li> <li>2 CAAA0802 &amp; 0804 1/4" Dr. Extension Bar - 2" &amp; 4" (L)</li> <li>1 CASA0806 1/4" Dr. Flexible Extension Bar - 6" (L)</li> <li>1 CAHA0840 1/4" Dr. Universal Joint</li> <li>1 CAIA0815 1/4" Dr. Spinner Handle</li> <li>1 CTCK0811 1/4" Dr. Sliding T-Handle</li> <li>1 CJBM0815 1/4" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release</li> <li>4 GAAL0917 Extra Long Ball Point Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm</li> </ul>

**6PCS** Satin Chrome Finished  
Torque Wrench, Adapter & Ratchet Handle Set



ITEM NO.	CONTENTS
GTB0609	<ul style="list-style-type: none"> <li>1 ANAF1211 3/8" Dr. Torque Wrench (20-110Nm)</li> <li>1 CAEA1208 3/8"(F) x 1/4"(M) Dr. Adapter</li> <li>1 CAGA1216 3/8"(F) x 1/2"(M) x 17.2 mm 3-Way Adapter - 44 mm(L)</li> <li>1 CJDI0812 1/4" Dr. 45 Teeth Stubby Reversible Ratchet Handle with Quick Release</li> <li>1 CJHM1228 3/8" Dr. 72 Teeth Flexible Reversible Ratchet Handle with Quick Release</li> <li>1 CJLN1632 1/2" Dr. 72 Teeth Reversible Swivel Head Ratchet Handle</li> </ul>

**8PCS**  
L-Type Two Way Ball Point & Hex Key Wrench Set



ITEM NO.	CONTENTS
GTB0811	<ul style="list-style-type: none"> <li>4 AGCD0214-1027 L-Type Two Way Ball Point &amp; Hex Key Wrenches 2x140, 2.5x140, 3x140, 4x140, 5x203, 6x203, 8x265, 10x265</li> </ul>

**8PCS**  
L-Type Two Way Star & Tamperproof Key Wrench Set



ITEM NO.	CONTENTS
GTB0812	<ul style="list-style-type: none"> <li>4 AIED1014-5027 L-Type Two Way Star &amp; Tamperproof Key Wrenches T10x140, T15x140, T20x140, T25x140, T30x203, T40x203, T45x265, T50x265</li> </ul>

**8PCS**  
L-Type Two Way Hex Key Wrench Set



ITEM NO.	CONTENTS
GTB0817	<ul style="list-style-type: none"> <li>4 AGHD0214-1027 L-Type Two Way Hex Key Wrench 2x140, 2.5x140, 3x140, 4x140, 5x203, 6x203, 8x265, 10x265 mm</li> </ul>

**8PCS** Satin Chrome Finished  
Torque Wrench, Adapter & Ratchet Handle Set



ITEM NO.	CONTENTS
GTB0810	<ul style="list-style-type: none"> <li>1 ANAF1211 3/8" Dr. Torque Wrench (20-110Nm)</li> <li>1 CAEA1208 3/8"(F) x 1/4"(M) Dr. Adapter</li> <li>1 CAGA1216 3/8"(F) x 1/2"(M) x 17.2 mm 3-Way Adapter - 44 mm(L)</li> <li>1 CJDI0812 1/4" Dr. 45 Teeth Stubby Reversible Ratchet Handle with Quick Release</li> <li>1 CJHM1228 3/8" Dr. 72 Teeth Flexible Reversible Ratchet Handle with Quick Release</li> <li>1 CJLN1632 1/2" Dr. 72 Teeth Reversible Swivel Head Ratchet Handle</li> <li>2 BAAT1616 &amp; 1621 1/2" Dr. Magnetic Spark Plug Sockets 16 &amp; 21 mm</li> </ul>

**8PCS**  
Hacksaw, Adjustable Wrench & Pin Punch Set



ITEM NO.	CONTENTS
GTB0808	<ul style="list-style-type: none"> <li>1 SAAA3013 Heavy Duty Hacksaw</li> <li>1 AMAB2920 Adjustable Wrench - 8" (L)</li> <li>4 GAAV0801 Pin Punch Set 2x8x115, 3x8x125, 4x10x150, 5x10x165, 6x12x180, 8x12x180 mm</li> </ul>

**11PCS**  
Measuring, Marking & Cutting Tool Set



ITEM NO.	CONTENTS
GTB1107	<ul style="list-style-type: none"> <li>1 ICAC0122 Screw Pitch Gauges 4-48 (SAE)</li> <li>1 ICAB0124 Screw Pitch Gauges 0.25-6 (METRIC)</li> <li>1 ICAA0020 20 Sizes Metric Tapered Feeler Gauge</li> <li>1 IAAC1905M Heavy Duty Metric Measuring Tape - 5M</li> <li>1 IACA0150 Stainless Steel Vernier Caliper</li> <li>1 IABA0300 Stainless Steel Straight Ruler (30cm)</li> <li>1 IBAA0150 Stainless Steel Protractor</li> <li>1 HBAF0130 Auto Center Punch</li> <li>1 IDAA0208 Steel Scriber</li> <li>1 SBAA0414 Multi-Purpose Electricians Scissors</li> <li>1 SCAA2017 Heavy Duty Utility Knife</li> </ul>



**Plastic Box**



ITEM NO.	SIZE(W)x(D)x(H)mm	1	7
PBM03720	289x373x40	1	7

**8PCS** Satin Chrome Finished  
Hex Nut Driver T-Handle Set



ITEM NO.	CONTENTS
GTC0802	<ul style="list-style-type: none"> <li>4 CTJA0723-1423 Hex Nut Driver T-Handle 7, 8, 9, 10, 11, 12, 13, 14 mm</li> </ul>

**9PCS**  
L-Type Two Way Hex Key Wrench Set



ITEM NO.	CONTENTS
GTC0908	<ul style="list-style-type: none"> <li>4 AGHD0214-1027 L-Type Two Way Hex Key Wrench 2x140, 2.5x140, 3x140, 4x140, 5x203, 6x203, 7x203, 8x265, 10x265 mm</li> </ul>



**NEW MECHANICS TOOL SETS IN PLASTIC INSERT TRAY & BOX**



**20PCS**  
Screwdriver & Bit Set



ITEM NO.	CONTENTS
GTC2005	<ul style="list-style-type: none"> <li>4 FAAB0308-6E15 Slotted Anti-Slip Screwdrivers 3.0x75, 3.5x100, 4.0x100, 5.5x150</li> <li>1 FABB5E03 Stubby Slotted Anti-Slip Screwdriver 5.5x25</li> <li>1 FAGB0618 Go-Thru Slotted Impact Screwdriver 8x175</li> <li>4 FBAB0006-0210 Phillips Anti-Slip Screwdrivers PH0x60, PH1x80, PH2x100</li> <li>1 FBBB0203 Stubby Phillips Anti-Slip Screwdriver PH2x25</li> <li>1 FCAB0210 Pozidriv Anti-Slip Screwdriver - PZ2x100</li> <li>1 FJAB0213 Square Anti-Slip Screwdriver - SQ2x125</li> <li>1 FTEA0806 1/4" (Hex) Reversible Ratchet Screwdriver</li> <li>4 GAAV0701 1/4" Hex Screwdriver Bit Set 2, 2.5, 3, 4, 5, 6, 8 mm</li> </ul>

**14PCS**  
Slotted & Phillips Screwdriver Set



ITEM NO.	CONTENTS
GTC1401	<ul style="list-style-type: none"> <li>4 FAAB0308-6E15 Slotted Anti-Slip Screwdrivers 3.0x75, 3.5x100, 4.0x100, 5.5x150</li> <li>2 FAHB6E15 &amp; 0818 Slotted Anti-Slip Screwdrivers (Hexagon Steel &amp; Hexagon Driver) 6.5x150 &amp; 8.0x175</li> <li>4 FABB5E03 &amp; 6E03 Stubby Slotted Anti-Slip Screwdrivers 5.5x25 &amp; 6.5x25</li> <li>2 FBAB0006 &amp; 0108 Phillips Anti-Slip Screwdrivers PH0x60 &amp; PH1x80</li> <li>2 FBHB0210 &amp; 0315 Phillips Anti-Slip Screwdrivers (Hexagon Steel &amp; Hexagon Driver) PH2x100 &amp; PH3x150</li> <li>2 FBBB0103 &amp; 0203 Stubby Phillips Anti-Slip Screwdrivers PH1x25 &amp; PH2x25</li> </ul>

**9PCS**  
L-Type Two Way Ball Point & Hex Key Wrench Set



ITEM NO.	CONTENTS
GTC0903	<ul style="list-style-type: none"> <li>4 AGCD0214-1027 L-Type Two Way Ball Point &amp; Hex Key Wrenches 2x140, 2.5x140, 3x140, 4x140, 5x203, 6x203, 7x203, 8x265, 10x265</li> </ul>

**9PCS**  
L-Type Two Way Star & Tamperproof Key Wrench Set



ITEM NO.	CONTENTS
GTC0904	<ul style="list-style-type: none"> <li>4 AIED1014-5027 L-Type Two Way Star &amp; Tamperproof Key Wrenches T10x140, T15x140, T20x140, T25x140, T27x203, T30x203, T40x203, T45x265, T50x265</li> </ul>





**Master Tool Sets Professional**

mechanical tool sets with mobile trolley and cabinet.



MECHANICS TOOL SETS  
**PLASTIC TRAY**



TOPTUL mobile tool sets must be your best working partners.

**PROFESSIONAL MECHANICAL TOOL SETS**

**315PCS W/8-Drawer Tool Trolley**

Satin Chrome Finished

**7 DRAWER TOOLS**



**1<sup>ST</sup> DRAWER**

GAAT2403	GAAT2202
	GCAT2402



**2<sup>ND</sup> DRAWER**

GCAT5001	GCAT2001	GAAT2302	GAAT1202
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**3<sup>RD</sup> DRAWER**

GAAT0702	GAAT1003	GAAT0502	GAAT0802
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**4<sup>TH</sup> DRAWER**

GAAT0817	GAAT0814
	GAAT1604



**5<sup>TH</sup> DRAWER**

GAAT0805	GAAT0807	GBAT0501	GCAT1807
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**6<sup>TH</sup> DRAWER**

GBAT0303	GBAT0402	GBAT0401	GBAT0201
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**7<sup>TH</sup> DRAWER**

GCAT0701	GCAT0801
	GCAT1101



ITEM NO: **GCAJ315B**  
PRO-PLUS SERIES GRAY

**W/8-Drawer Tool Trolley - 315PCS Mechanical Tool Set**

CONTENTS	DESCRIPTION	PAGE
TCBL0803	8-Drawer Mobile Tool Trolley	307
GAAT2403	1/2" DR. Bit Socket Set	55
GAAT2202	1/2" DR. Deep Flank Socket Set	61
GCAT2402	1/2" DR. Socket Set	61
GCAT5001	1/4" DR. Socket Set	56
GCAT2001	3/8" DR. Socket Set	56
GAAT2302	Star Wrench, Sockets & Key Wrench Set	55
GAAT1202	1/2" DR. Bit Socket Set	55
GAAT0702	Double End Swivel-Socket Wrench Set	54
GAAT1003	Double Open End Wrench Set	54
GAAT0502	Flare Nut Wrench Set	54
GAAT0802	75° Offset Double Ring Wrench Set	54
GAAT0817	Pro-Series Ratchet Combination Wrench Set	55
GAAT0814	L-Type Two Way Hex Key Wrench Set	62
GAAT1604	15" Offset Hi-Performance Combination Wrench Set	60
GAAT0805	Slotted & Phillips Screwdriver Set	58
GAAT0807	Star Tamperproof Screwdriver Set	58
GBAT0501	File Set	58
GCAT1807	1/2" DR. Flank Impact Socket Set	55
GBAT0303	Adjustable Wrench & Pliers Set	57
GBAT0402	Pliers Assortment Set	57
GBAT0401	Retaining Ring Pliers Set	57
GBAT0201	Pipe Wrench & Ball Peen Hammer Set	57
GCAT0701	Chisels & Hammers Set	57
GCAT0801	Hacksaw, Adjustable Wrench & Pin Punch Set	62
GCAT1101	Measuring, Marking & Cutting Tool Set	62





ITEM NO. GCAJ305N



ITEM NO. GCAJ305B

**305PCS W/7-Drawer Tool Trolley**

PRO-PLUS SERIES

**5 DRAWER TOOLS**

Satin Chrome Finished

W/7-Drawer Tool Trolley - 305PCS Mechanical Tool Set

	CONTENTS	DESCRIPTION	PAGE
1 <sup>ST</sup>	GAAT1301	15" Offset Hi-Performance Combination Wrench Set	53
	GAAT0817	Pro-Series Ratchet Combination Wrench Set	55
	GAAT1802	Double Open End Wrench & Hex Key Wrench Set	54
	GAAT0802	75° Offset Double Ring Wrench Set	54
2 <sup>ND</sup>	GCAT2001	3/8" DR. Socket Set	56
	GCAT2507	1/2" DR. Socket Set	61
	GCAT7202	1/4" DR. Socket & Ball Point Hex Key Wrench Set	60
3 <sup>RD</sup>	GAAT6502	Star Socket, Key Wrench & Bit Set	55
	GCAT1807	1/2" DR. Flank Impact Socket Set	55
	GAAT0805	Slotted & Phillips Screwdriver Set	58
	GAAT0807	Star Tamperproof Screwdriver Set	58
4 <sup>TH</sup>	GBAT0303	Adjustable Wrench & Pliers Set	57
	GBAT0402	Pliers Assortment Set	57
	GBAT0401	Retaining Ring Pliers Set	57
	GCAT0701	Chisels & Hammers Set	57
5 <sup>TH</sup>	GBAT0501	File Set	58
	GAAT0811	L-Type Two Way Ball Point & Hex Key Wrench Set	62
	GCAT1101	Measuring, Marking & Cutting Tool Set	62

W/7-Drawer Tool Trolley  
5 DRAWER TOOLS

5 DRAWER TOOLS



1<sup>ST</sup> DRAWER

GAAT1301	GAAT0817	GAAT1802	GAAT0802
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2<sup>ND</sup> DRAWER

GCAT2001	GCAT2507
	GCAT7202



3<sup>RD</sup> DRAWER

GAAT6502	GCAT1807	GAAT0805	GAAT0807
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4<sup>TH</sup> DRAWER

GBAT0303	GBAT0402	GBAT0401	GCAT0701
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5<sup>TH</sup> DRAWER

GBAT0501	GAAT0811
	GCAT1101

PRO-PLUS SERIES



ITEM NO. GCAJ275E



ITEM NO. GCAJ275H

**275PCS W/7-Drawer Tool Trolley**

**6 DRAWER TOOLS**

Satin Chrome Finished

PRO-LINE SERIES



ITEM NO. GCAJ0034



ITEM NO. GCAJ0033

GENERAL SERIES



ITEM NO. GCAJ0036



ITEM NO. GCAJ0035

W/7-Drawer Tool Trolley - 275PCS Mechanical Tool Set

	CONTENTS	DESCRIPTION	PAGE
1 <sup>ST</sup>	GAAT0402	75° Offset Double Ring Wrench Set	54
	GAAT0802	75° Offset Double Ring Wrench Set	54
	GAAT0406	Double Open End Wrench Set	54
	GAAT1802	Double Open End Wrench & Hex Key Wrench Set	54
2 <sup>ND</sup>	GAAT0407	15" Offset Super-Torque Combination Wrench Set	53
	GCAT0801	Hacksaw, Adjustable Wrench & Pin Punch Set	62
	GAAT1603	15" Offset Super-Torque Combination Wrench Set	60
3 <sup>RD</sup>	GCAT2502	3/8" DR. Flank Socket Set	56
	GCAT2402	1/2" DR. Socket Set	61
4 <sup>TH</sup>	GCAT7202	1/4" DR. Socket & Ball Point Hex Key Wrench Set	60
	GAAT0702	Double End Swivel-Socket Wrench Set	54
	GAAT1205	Pro-Series Reversible Ratchet Combination Wrench Set	55
	GAAT2302	Star Wrench, Sockets & Key Wrench Set	55
5 <sup>TH</sup>	GCAT0701	Chisels & Hammers Set	57
	GBAT0303	Adjustable Wrench & Pliers Set	57
	GBAT0402	Pliers Assortment Set	57
	GBAT0401	Retaining Ring Pliers Set	57
6 <sup>TH</sup>	GAAT0805	Slotted & Phillips Screwdriver Set	58
	GBAT0501	File Set	58
	GAAT0811	L-Type Two Way Ball Point & Hex Key Wrench Set	62
	GCAT1101	Measuring, Marking & Cutting Tool Set	62

6 DRAWER TOOLS



1<sup>ST</sup> DRAWER

GAAT0402	GAAT0802	GAAT0406	GAAT1802
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2<sup>ND</sup> DRAWER

GAAT0407	GCAT0801
	GAAT1603



3<sup>RD</sup> DRAWER

GCAT2502	GCAT2402
	GCAT7202



4<sup>TH</sup> DRAWER

GAAT0702	GAAT1205	GAAT2302	GCAT0701
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5<sup>TH</sup> DRAWER

GBAT0303	GBAT0402	GBAT0401	GAAT0805
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6<sup>TH</sup> DRAWER

GBAT0501	GAAT0811
	GCAT1101



**227PCS**

**W/7-Drawer Tool Trolley**

PRO-PLUS SERIES



ITEM NO. GCAJ227E



ITEM NO. GCAJ227H

PRO-PLUS SERIES

PRO-LINE SERIES



ITEM NO. GCAJ0012



ITEM NO. GCAJ0020

PRO-LINE SERIES

**5 DRAWER TOOLS**

Satin Chrome Finished

W/7-Drawer Tool Trolley - 227PCS Mechanical Tool Set

CONTENTS	DESCRIPTION	PAGE
GAAT0702	7 Double End Swivel-Socket Wrench Set	54
GAAT1802	18 Double Open End Wrench & Hex Key Wrench Set	54
GAAT1205	12 Pro-Series Reversible Ratchet Combination Wrench Set	55
GAAT0802	75° Offset Double Ring Wrench Set	54
GBAT0303	3 Adjustable Wrench & Pliers Set	57
GBAT0402	4 Pliers Assortment Set	57
GBAT0401	4 Retaining Ring Pliers Set	57
GAAT0805	5 Slotted & Phillips Screwdriver Set	58
GCAT0701	7 Chisels & Hammers Set	57
GAAT1603	15" Offset Super-Torque Combination Wrench Set	60
GCAT0801	8 Hacksaw, Adjustable Wrench & Pin Punch Set	62
GAAT1202	12 1/2" DR. Bit Socket Set	55
GCAT2402	24 1/2" DR. Socket Set	61
GCAT7202	72 1/4" DR. Socket & Ball Point Hex Key Wrench Set	60
GBAT0501	5 File Set	58
GAAT0811	8 L-Type Two Way Ball Point & Hex Key Wrench Set	62
GCAT1101	11 Measuring, Marking & Cutting Tool Set	62

GENERAL SERIES

GENERAL SERIES



ITEM NO. GCAJ0001



ITEM NO. GCAJ0018



1<sup>ST</sup> DRAWER

GAAT0702	GAAT1802	GAAT1205	GAAT0802
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2<sup>ND</sup> DRAWER

GBAT0303	GBAT0402	GBAT0401	GAAT0805
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3<sup>RD</sup> DRAWER

GCAT0701	GAAT1603
	GCAT0801



4<sup>TH</sup> DRAWER

GAAT1202	GCAT2402
	GCAT7202



5<sup>TH</sup> DRAWER

GBAT0501	GAAT0811
	GCAT1101



**333PCS W/3-Drawer Tool Chest + W/7-Drawer Tool Trolley**

Satin Chrome Finished

**Pro-Line Series**

- Heavy duty work table
- Long-life drawers with ball bearing slides
- One drawer openable internal locking design
- Anti-slip & shockproof 5"x2" TPR casters



**W/3-Drawer Tool Chest - 104PCS Mechanical Tool Set**

	CONTENTS	DESCRIPTION	PAGE
1 <sup>ST</sup>	GAAT0702	7 Double End Swivel-Socket Wrench Set	54
	GAAT0502	Flare Nut Wrench Set	54
	GAAT2302	Star Wrench, Sockets & Key Wrench Set	55
	GAAT1202	1/2" DR. Bit Socket Set	55
2 <sup>ND</sup>	GCAT1807	1/2" DR. Impact Socket Set	55
	GBAT0201	Pipe Wrench & Ball Peen Hammer Set	57
	GAAT0101	Hand Riveter Set	58
	GAAT0807	Star Tamperproof Screwdriver Set	58
3 <sup>RD</sup>	GCAT0701	7 Chisels & Hammers Set	57
	GCAT0801	Hacksaw, Adjustable Wrench & Pin Punch Set	62
	GCAT0803	Torque Wrench, Adapter & Ratchet Handle Set	59

**W/7-Drawer Tool Trolley - 229PCS Mechanical Tool Set**

	CONTENTS	DESCRIPTION	PAGE
1 <sup>ST</sup>	GAAT0402	75" Offset Double Ring Wrench Set	54
	GAAT0802	75" Offset Double Ring Wrench Set	54
	GAAT1802	Double Open End Wrench & Hex Key Wrench Set	54
	GAAT1205	Pro-Series Reversible Ratchet Combination Wrench Set	55
2 <sup>ND</sup>	GAAT0407	15" Offset Super-Torque Combination Wrench Set	53
	GAAT1002	Angled Socket Wrench Set	59
	GAAT1603	15" Offset Super-Torque Combination Wrench Set	60
	GCAT1808	3/8" DR. Socket Set	57
3 <sup>RD</sup>	GCAT2402	1/2" DR. Socket Set	61
	GCAT7202	1/4" DR. Socket & Ball Point Hex Key Wrench Set	60
4 <sup>TH</sup>	GBAT0303	Adjustable Wrench & Pliers Set	57
	GBAT0402	Pliers Assortment Set	57
	GBAT0401	Retaining Ring Pliers Set	57
	GBAT0501	File Set	58
5 <sup>TH</sup>	GAAT0805	Slotted & Phillips Screwdriver Set	58
	GAAT0811	L-Type Two Way Ball Point & Hex Key Wrench Set	62
	GCAT1101	Measuring, Marking & Cutting Tool Set	62

**8 DRAWER TOOLS**

(W/3) 104pcs + (W/7) 229pcs

**PRO-LINE SERIES**

ITEM NO. GCAZ0013 (W/3)  
GCAJ0014 (W/7)



ITEM NO. GCAZ0020 (W/3)  
GCAJ0022 (W/7)



**GENERAL SERIES**

ITEM NO. GCAZ0007 (W/3)  
GCAJ0008 (W/7)



ITEM NO. GCAZ0033 (W/3)  
GCAJ0037 (W/7)



PROFESSIONAL MECHANICAL TOOL SETS

W/3-Drawer Tool Chest 104PCS



1<sup>ST</sup> DRAWER

GAAT0702	GAAT0502	GAAT2302	GAAT1202
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2<sup>ND</sup> DRAWER

GCAT1807	GBAT0201	GAAT0101	GAAT0807
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3<sup>RD</sup> DRAWER

GCAT0701	GCAT0801	GCAT0803
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PROFESSIONAL MECHANICAL TOOL SETS

W/7-Drawer Tool Trolley 229PCS



1<sup>ST</sup> DRAWER

GAAT0402	GAAT0802	GAAT1802	GAAT1205
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2<sup>ND</sup> DRAWER

GAAT0407	GAAT1002	GAAT1603
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3<sup>RD</sup> DRAWER

GCAT1808	GCAT2402	GCAT7202
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4<sup>TH</sup> DRAWER

GBAT0303	GBAT0402	GBAT0401	GBAT0501
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5<sup>TH</sup> DRAWER

GAAT0805	GAAT0811	GCAT1101
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PRO-LINE SERIES



Smart folderable key



New-style plastic drawer handle



Heavy duty 5"x2" anti-slip & shockproof TPR casters with lock



**3 DRAWER TOOLS**



**1<sup>ST</sup> DRAWER**

GCAT0701	GCAT2402
	GCAT7202



**2<sup>ND</sup> DRAWER**

GBAT0303	GBAT0402	GBAT0401	GAAT0805
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**3<sup>RD</sup> DRAWER**

GAAT0802	GAAT1603
	GCAT1101

**157PCS W/5-Drawer Tool Trolley**

**W/5-Drawer Tool Trolley - 157PCS Mechanical Tool Set**

CONTENTS	DESCRIPTION	PAGE
GCAT0701	7 Chisels & Hammers Set	57
<b>1<sup>ST</sup></b>	<b>GCAT2402</b> 24 1/2" DR. Socket Set	61
	<b>GCAT7202</b> 72 1/4" DR. Socket & Ball Point Hex Key Wrench Set	60
	<b>GBAT0303</b> 3 Adjustable Wrench & Pliers Set	57
<b>2<sup>ND</sup></b>	<b>GBAT0402</b> 4 Pliers Assortment Set	57
	<b>GBAT0401</b> 4 Retaining Ring Pliers Set	57
	<b>GAAT0805</b> 8 Slotted & Phillips Screwdriver Set	58
	<b>GAAT0802</b> 8 75° Offset Double Ring Wrench Set	54
<b>3<sup>RD</sup></b>	<b>GAAT1603</b> 16 15° Offset Super-Torque Combination Wrench Set	60
	<b>GCAT1101</b> 11 Measuring, Marking & Cutting Tool Set	62

**157PCS W/3-Drawer Tool Chest**

Satin Chrome Finished

**PRO-LINE SERIES**



ITEM NO. **GCAZ0011**



ITEM NO. **GCAZ0018**

**GENERAL SERIES**



ITEM NO. **GCAZ0005**



ITEM NO. **GCAZ0032**

**W/3-Drawer Tool Chest - 157PCS Mechanical Tool Set**

CONTENTS	DESCRIPTION	PAGE
GCAT0701	7 Chisels & Hammers Set	57
<b>1<sup>ST</sup></b>	<b>GCAT2402</b> 24 1/2" DR. Socket Set	61
	<b>GCAT7202</b> 72 1/4" DR. Socket & Ball Point Hex Key Wrench Set	60
	<b>GBAT0303</b> 3 Adjustable Wrench & Pliers Set	57
<b>2<sup>ND</sup></b>	<b>GBAT0402</b> 4 Pliers Assortment Set	57
	<b>GBAT0401</b> 4 Retaining Ring Pliers Set	57
	<b>GAAT0805</b> 8 Slotted & Phillips Screwdriver Set	58
	<b>GAAT0802</b> 8 75° Offset Double Ring Wrench Set	54
<b>3<sup>RD</sup></b>	<b>GAAT1603</b> 16 15° Offset Super-Torque Combination Wrench Set	60
	<b>GCAT1101</b> 11 Measuring, Marking & Cutting Tool Set	62

**GENERAL SERIES**



ITEM NO. **GCAJ0006**



ITEM NO. **GCAJ0055**

**157PCS Tools of Workbench**

- TOPTUL heavy duty workbench with wall cabinet
- Sturdy construction for workshop applications

ITEM NO. **TAA1602** Heavy Duty Wall Cabinet  
(W)1560 x (D)200 x (H)603 mm

ITEM NO. **TAAA1607** Heavy Duty Workbench  
(W)1560 x (D)710 x (H)827 mm

**157PCS MASTER TOOL SETS**

ITEM NO. **GCAZ0005 (W/3)** Drawer Tool Chest  
(W)687 x (D)459 x (H)360 mm

ITEM NO. **TCAB0501 (W/5)** Small 5-Drawer Tool Trolley  
(W)569 x (D)340 x (H)769 mm



**Assortment Of Tools In Workbench**

**Mechanical Tool Set**

ITEM NO.	DESCRIPTION
<b>TCAB0501</b>	1 Small 5-Drawer Tool Trolley - (W)569 x (D)340 x (H)769 mm
<b>TAAA1607</b>	1 Heavy Duty Workbench - (W)1560 x (D)710 x (H)827 mm
<b>TAA1602</b>	1 Heavy Duty Wall Cabinet - (W)1560 x (D)200 x (H)603 mm (per cabinet include 20pcs single hook - 2")
<b>GCAZ0005</b>	157PCS Professional Mechanical Tool Set W/3-Drawer Tool Chest (W)687 x (D)459 x (H)360 mm

**157PCS MASTER TOOL SETS**

ITEM NO. **GCAZ0005 (W/3)** Drawer Tool Chest  
(W)687 x (D)459 x (H)360 mm

Satin Chrome Finished

**W/3-Drawer Tool Chest - 157PCS Professional Mechanical Tool Set**

CONTENTS	DESCRIPTION	PAGE
GCAT0701	7 Chisels & Hammers Set	57
<b>1<sup>ST</sup></b>	<b>GCAT2402</b> 24 1/2" DR. Socket Set	61
	<b>GCAT7202</b> 72 1/4" DR. Socket & Ball Point Hex Key Wrench Set	60
	<b>GBAT0303</b> 3 Adjustable Wrench & Pliers Set	57
<b>2<sup>ND</sup></b>	<b>GBAT0402</b> 4 Pliers Assortment Set	57
	<b>GBAT0401</b> 4 Retaining Ring Pliers Set	57
	<b>GAAT0805</b> 8 Slotted & Phillips Screwdriver Set	58
	<b>GAAT0802</b> 8 75° Offset Double Ring Wrench Set	54
<b>3<sup>RD</sup></b>	<b>GAAT1603</b> 16 15° Offset Super-Torque Combination Wrench Set	60
	<b>GCAT1101</b> 11 Measuring, Marking & Cutting Tool Set	62



**1<sup>ST</sup> DRAWER**

GCAT0701	GCAT2402
	GCAT7202



**2<sup>ND</sup> DRAWER**

GBAT0303	GBAT0402	GBAT0401	GAAT0805
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**3<sup>RD</sup> DRAWER**

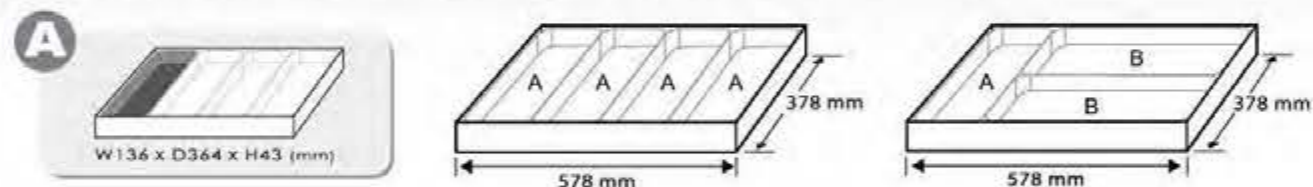
GAAT0802	GAAT1603
	GCAT1101



**PLASTIC TRAY**

All TOPTUL high quality drawer tool sets are currently designed with 2 interchangeable insert sizes (A&B) allowing users to mix and match personally best favorite and suitable tool selection within each drawer. Additional 1/3, 1/2 and full size of drawer tool sets are also available for the market in order to satisfy each individuals demand.

TOPTUL mobile tool sets must be your best working partners.



**4PCS** Satin Chrome Finished  
15° Offset Super-Torque Combination Wrench Set

**ITEM NO. CONTENTS** 10 (SET)  
GAAT0407 4 AAEW2727-3232 Super-Torque Combination Wrench 15° Offset 27, 29, 30, 32 mm



**4PCS** Satin Chrome Finished  
15° Offset Hi-Performance Combination Wrench Set

**ITEM NO. CONTENTS** 10 (SET)  
GAAT0408 4 AAEX2727-3232 Hi-Performance Combination Wrench 15° Offset 27, 29, 30, 32 mm



**4PCS** Satin Chrome Finished  
15° Offset Standard Combination Wrench Set

**ITEM NO. CONTENTS** 10 (SET)  
GAAT0404 4 AAEB2727-3232 Standard Combination Wrench 15° Offset 27, 29, 30, 32 mm



**13PCS** Satin Chrome Finished  
15° Offset Super-Torque Combination Wrench Set (METRIC)

**ITEM NO. CONTENTS** 10 (SET)  
GAAT1302 13 AAEW0808-2424 Super-Torque Combination Wrench 15° Offset 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24 mm



**13PCS** Satin Chrome Finished  
15° Offset Hi-Performance Combination Wrench Set (METRIC)

**ITEM NO. CONTENTS** 10 (SET)  
GAAT1301 13 AAEX0808-2424 Hi-Performance Combination Wrench 15° Offset 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24 mm



**13PCS** Satin Chrome Finished  
15° Offset Standard Combination Wrench Set (METRIC)

**ITEM NO. CONTENTS** 10 (SET)  
GAAT1303 13 AAEB0808-2424 Standard Combination Wrench 15° Offset 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24 mm



**13PCS** Satin Chrome Finished  
15° Offset Super-Torque Combination Wrench Set (SAE)

**ITEM NO. CONTENTS** 10 (SET)  
GBAT1302 13 ACEW0808-3030 Super-Torque Combination Wrench 15° Offset 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16"



**13PCS** Satin Chrome Finished  
15° Offset Hi-Performance Combination Wrench Set (SAE)

**ITEM NO. CONTENTS** 10 (SET)  
GBAT1301 13 ACEX0808-3030 Hi-Performance Combination Wrench 15° Offset 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16"



**13PCS** Satin Chrome Finished  
15° Offset Standard Combination Wrench Set (SAE)

**ITEM NO. CONTENTS** 10 (SET)  
GBAT1304 13 ACEB0808-3030 Standard Combination Wrench 15° Offset 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16"



**4PCS** Satin Chrome Finished  
15° Offset Pro-Line Combination Wrench Set

**ITEM NO. CONTENTS** 10 (SET)  
GAAT0409 4 AABW2727-3232 Pro-Line Combination Wrench 15° Offset 27, 29, 30, 32 mm



**4PCS** Satin Chrome Finished  
Double Open End Wrench Set

**ITEM NO. CONTENTS** 10 (SET)  
GAAT0406 4 AAEJ2123-2732 Double Open End Wrenches 21x23, 24x26, 25x28, 27x32 mm



**4PCS** Satin Chrome Finished  
75° Offset Double Ring Wrench Set

**ITEM NO. CONTENTS** 10 (SET)  
GAAT0402 4 AA EI2123-2732 Double Ring Wrench 75° Offset 21x23, 24x26, 25x28, 27x32 mm



**13PCS** Satin Chrome Finished  
15° Offset Pro-Line Combination Wrench Set

**ITEM NO. CONTENTS** 10 (SET)  
GAAT1304 13 AABW0808-2424 Pro-Line Combination Wrench 15° Offset 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24 mm



**10PCS** Satin Chrome Finished  
Double Open End Wrench Set (METRIC)

**ITEM NO. CONTENTS** 10 (SET)  
GAAT1003 10 AA EJ0607-2427 Double Open End Wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27 mm



**8PCS** Satin Chrome Finished  
75° Offset Double Ring Wrench Set

**ITEM NO. CONTENTS** 10 (SET)  
GAAT0802 8 AA EI0607-2022 Double Ring Wrench 75° Offset 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm



**7PCS** Satin Chrome Finished  
Double End Swivel-Socket Wrench Set

**ITEM NO. CONTENTS** 10 (SET)  
GAAT0702 7 AE EC0607-1819 Double End Swivel-Socket Wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19 mm



**18PCS** Satin Chrome Finished  
Double Open End Wrench & Hex Key Wrench Set

**ITEM NO. CONTENTS** 10 (SET)  
GAAT1802 18 GAAL0910 Short Type Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm  
AAEJ0607-2224 Double Open End Wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 22x24 mm



**8PCS** Satin Chrome Finished  
45° Offset Double Ring Wrench Set (METRIC)

**ITEM NO. CONTENTS** 10 (SET)  
GAAT0806 8 AA EH0607-2022 Double Ring Wrench 45° Offset 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm



**10PCS** Satin Chrome Finished  
Double End Socket Wrench Set

**ITEM NO. CONTENTS** 10 (SET)  
GAAT1004 10 AE BE0607-2022 Double End Socket Wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm  
ALEB0611 & 1223 Tommy Bars 100 & 170 mm(L)



**5PCS** Satin Chrome Finished  
Flare Nut Wrench Set

**ITEM NO. CONTENTS** 10 (SET)  
GAAT0502 5 AA EA0809-1922 Flare Nut Wrenches 8x9, 10x11, 12x13, 14x17, 19x22 mm



**TOPTUL**  
YOUR BEST WORKING PARTNERS



**8PCS** Satin Chrome Finished  
Pro-Series Ratchet Combination Wrench Set



ITEM NO.	CONTENTS	10 (SET)
GAAT0817	<ul style="list-style-type: none"> <li>AAAF0808-1919</li> <li>Pro-Series Ratchet Combination Wrenches</li> <li>8, 10, 11, 12, 13, 14, 17, 19 mm</li> </ul>	

**12PCS** Satin Chrome Finished  
Pro-Series Reversible Ratchet Combination Wrench Set



ITEM NO.	CONTENTS	10 (SET)
GAAT1205	<ul style="list-style-type: none"> <li>ABAF0808-1919</li> <li>Pro-Series Reversible Ratchet Combination Wrenches</li> <li>8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm</li> </ul>	

**8PCS** Satin Chrome Finished  
Pro-Series Reversible Ratchet Combination Wrench Set (SAE)



ITEM NO.	CONTENTS	10 (SET)
GBAT0803	<ul style="list-style-type: none"> <li>ADAF1010-2424</li> <li>Pro-Series Reversible Ratchet Combination Wrenches</li> <li>5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"</li> </ul>	

**18PCS** Black Phosphate Finished  
1/2" DR. Flank Impact Socket Set



ITEM NO.	CONTENTS	10 (SET)
GCAT1807 (6PT)	<ul style="list-style-type: none"> <li>KABA1610-1632</li> <li>1/2" Dr. 6PT Flank Impact Sockets</li> <li>10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30, 32 mm</li> <li>KACB1605</li> <li>1/2" Dr. Impact Extension Bar - 5" (L)</li> </ul>	

**12PCS** Satin Chrome Finished  
1/2" DR. Bit Socket Set



ITEM NO.	CONTENTS	10 (SET)
GAAT1202	<ul style="list-style-type: none"> <li>BCTA1605</li> <li>1/2" Dr. Extra Long Hex Bit Socket 5 mm (L=180mm)</li> <li>BCEA1607 &amp; 1608</li> <li>1/2" Dr. Long Hex Bit Sockets 7 &amp; 8 mm (L=100mm)</li> <li>BCIA1606 &amp; 1610</li> <li>1/2" Dr. Extra Long Hex Bit Sockets 6 &amp; 10 mm (L=140mm)</li> <li>BCJA1606-1612</li> <li>1/2" Dr. Long Spline Bit Sockets M6, M8, M10, M12 (L=100mm)</li> <li>BCKA1640 &amp; 1645</li> <li>1/2" Dr. Extra Long Star Tamperproof Bit Sockets T40 &amp; T45 (L=120mm)</li> <li>BCVA1655</li> <li>1/2" Dr. Extra Long Star Tamperproof Bit Sockets T55 (L=140mm)</li> </ul>	

**24PCS** Satin Chrome Finished  
1/2" DR. Bit Socket Set



ITEM NO.	CONTENTS	10 (SET)
GAAT2402	<ul style="list-style-type: none"> <li>BCDA1604-1612</li> <li>1/2" Dr. Hex Bit Sockets 4, 5, 6, 7, 8, 10, 12 mm</li> <li>BCCA1608-1616</li> <li>1/2" Dr. Slotted Bit Sockets 8, 10, 12, 14, 16 mm</li> <li>BAAA16P2-16P4</li> <li>1/2" Dr. Phillips Bit Sockets PH2, PH3, PH4</li> <li>BCFA1620-1660</li> <li>1/2" Dr. Star Bit Sockets T20, T25, T27, T30, T40, T45, T50, T55, T60</li> </ul>	

**24PCS** Satin Chrome Finished  
1/2" DR. Bit Socket Set



ITEM NO.	CONTENTS	10 (SET)
GAAT2403	<ul style="list-style-type: none"> <li>BAAA16P2 &amp; 16P3</li> <li>1/2" Dr. Phillips Bit Sockets PH2 &amp; PH3</li> <li>BCDA1604-1612</li> <li>1/2" Dr. Hex Bit Sockets 4, 5, 6, 7, 8, 10, 12 mm</li> <li>BCHA1606-1616</li> <li>1/2" Dr. Spline Bit Sockets M6, M8, M10, M12, M14, M16</li> <li>BCFA1620-1660</li> <li>1/2" Dr. Star Bit Sockets T20, T25, T27, T30, T40, T45, T50, T55, T60</li> </ul>	

**23PCS** Satin Chrome Finished  
Star Wrench, Sockets & Key Wrench Set



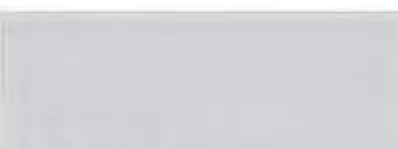
ITEM NO.	CONTENTS	10 (SET)
GAAT2302	<ul style="list-style-type: none"> <li>BAED0804-0806</li> <li>1/4" Dr. Star Sockets E4, E5, E6, E8</li> <li>BAED1610-1620</li> <li>1/2" Dr. Star Sockets E10, E12, E14, E16, E18, E20</li> <li>AAEE0608-2024</li> <li>Star Wrench E6xE8, E10xE12, E14xE18, E20xE24</li> <li>GAAL0913</li> <li>Short Type Star Key Wrench Set T10, T15, T20, T25, T27, T30, T40, T45, T50</li> </ul>	

**65PCS** Satin Chrome Finished  
Star Socket, Key Wrench & Bit Set



ITEM NO.	CONTENTS	10 (SET)
GAAT6502	<ul style="list-style-type: none"> <li>GACW3502</li> <li>1/4" Hex Drive Screwdriver Bit Set</li> <li>Content:</li> <li>1/4" (H) Quick Change Magnetic Bit Holder</li> <li>1/4" Hex Shank Phillips Insert Bits PH1x2pcs, PH2x3pcs, PH3</li> <li>1/4" Hex Shank Pozzi Insert Bits PZ1x2pcs, PZ2x3pcs, PZ3</li> <li>1/4" Hex Shank Slotted Insert Bits 3, 4.5, 5.5, 6.5 mm</li> <li>1/4" Hex Shank Hexagon Insert Bits 3, 4, 5, 6 mm</li> <li>1/4" Hex Shank Star Insert Bits T10, T15x2pcs, T20x2pcs, T25x2pcs, T27, T30x2pcs, T40x2pcs</li> <li>1/4" Hex Shank Star Tamperproof Insert Bits - T20 &amp; T30</li> </ul>	

<ul style="list-style-type: none"> <li>BAED0804-0808</li> <li>1/4" Dr. Star Sockets E4, E5, E6, E7, E8</li> <li>BAED1610-1624</li> <li>1/2" Dr. Star Sockets E10, E11, E12, E14, E16, E18, E20, E22, E24</li> <li>BCFA1630-1660</li> <li>1/2" Dr. Star Bit Sockets T30, T40, T45, T50, T55, T60</li> <li>GAAL0913</li> <li>Short Type Star Key Wrench Set T10, T15, T20, T25, T27, T30, T40, T45, T50</li> <li>FTAB0808</li> <li>1/4" Dr. x 1/4" (H) Quick Change Bit Holder</li> </ul>	
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TOPTUL  
YOUR BEST WORKING PARTNER

**50PCS** Satin Chrome Finished  
1/4" DR. Socket Set (METRIC)



ITEM NO.	CONTENTS	10 (SET)
GCAT5001 (6PT)	<ul style="list-style-type: none"> <li>BAAE0805-0813</li> <li>1/4" Dr. 6PT Flank Sockets 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm</li> <li>BAAE0806-0813</li> <li>1/4" Dr. 6PT Deep Flank Sockets 6, 7, 8, 9, 10, 11, 12, 13 mm</li> </ul>	
GCAT5002 (12PT)	<ul style="list-style-type: none"> <li>FSBA0801-0803</li> <li>1/4" Hex Shank Phillips Insert Bits PH1, PH2, PH3</li> <li>FSCA0801-0803</li> <li>1/4" Hex Shank Pozzi Insert Bits PZ1, PZ2, PZ3</li> <li>FSA0803-0808</li> <li>1/4" Hex Shank Slotted Insert Bits 3, 4.5, 5.5, 6.5, 8 mm</li> <li>FSDA0803-0808</li> <li>1/4" Hex Shank Hexagon Insert Bits 3, 4, 5, 6, 8 mm</li> <li>FSEA0806-0840</li> <li>1/4" Hex Shank Star Insert Bits T8, T10, T15, T20, T25, T27, T30, T40</li> <li>FTAB0808</li> <li>1/4" Dr. x 1/4" (H) Quick Change Bit Holder</li> <li>CAAA0802 &amp; 0806</li> <li>1/4" Dr. Extension Bar - 2" &amp; 6" (L)</li> <li>CAHA0840</li> <li>1/4" Dr. Universal Joint</li> <li>CTCK0811</li> <li>1/4" Dr. Sliding T-Handle</li> <li>CAIP0816</li> <li>1/4" Dr. Spinner Handle</li> <li>CFKA0806</li> <li>1/4" Dr. Swivel Handle - 6" (L)</li> <li>CJBM0815</li> <li>1/4" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release</li> </ul>	

**66PCS** Satin Chrome Finished  
1/4" DR. Socket Set



ITEM NO.	CONTENTS	10 (SET)
GCAT6601	<ul style="list-style-type: none"> <li>GACW3503</li> <li>1/4" Hex Drive Mini Ratchet Bit Set</li> <li>Content:</li> <li>1/4" (H) 60 Teeth Mini Reversible Bit Ratchet Handle</li> <li>1/4" Hex Shank Phillips Insert Bits PH0, PH1, PH2, PH3</li> <li>1/4" Hex Shank Pozzi Insert Bits PZ0, PZ1, PZ2, PZ3</li> <li>1/4" Hex Shank Square Insert Bits SQ1 &amp; SQ2</li> <li>1/4" Hex Shank Slotted Insert Bits 3, 4, 5.5, 6.5 mm</li> <li>1/4" Hex Shank Hexagon Insert Bits 2, 2.5, 3, 4, 5, 6 mm</li> <li>1/4" Hex Shank Star Insert Bits T10, T15, T20, T25, T27, T30, T40</li> <li>1/4" Hex Shank Star Tamperproof Insert Bits T10, T15, T20, T25, T27, T30, T40</li> </ul>	
	<ul style="list-style-type: none"> <li>BAAE0804-0814</li> <li>1/4" Dr. 6PT Flank Sockets 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm</li> <li>BAEE0804-0814</li> <li>1/4" Dr. 6PT Flank Deep Sockets 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm</li> <li>CJTV0815</li> <li>1/4" Dr. 60 Teeth Rotatory Ratchet Handle with Push - Through Mechanism</li> <li>CTCK0811</li> <li>1/4" Dr. Sliding T-Handle</li> <li>CAAA0802 &amp; 0806</li> <li>1/4" Dr. Extension Bar - 2" &amp; 6" (L)</li> <li>CAHA0840</li> <li>1/4" Dr. Universal Joint</li> <li>CAIA0815</li> <li>1/4" Dr. Spinner Handle</li> <li>FTAB0808</li> <li>1/4" Dr. x 1/4" (H) Quick Change Bit Holder</li> </ul>	

**50PCS** Mirror Polished  
1/4" DR. Socket Set (SAE)



ITEM NO.	CONTENTS	10 (SET)
GCAT5003 (6PT)	<ul style="list-style-type: none"> <li>BBAE0806-0818</li> <li>1/4" Dr. 6PT Flank Sockets 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"</li> </ul>	
GCAT5004 (12PT)	<ul style="list-style-type: none"> <li>BBEE0807-0816</li> <li>1/4" Dr. 6PT Deep Flank Sockets 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"</li> <li>FSBA0801-0803</li> <li>1/4" Hex Shank Phillips Insert Bits PH1, PH2, PH3</li> <li>FSCA0801-0803</li> <li>1/4" Hex Shank Pozzi Insert Bits PZ1, PZ2, PZ3</li> <li>FSA0803-0808</li> <li>1/4" Hex Shank Slotted Insert Bits 3, 4.5, 5.5, 6.5, 8 mm</li> <li>FSDA0803-0808</li> <li>1/4" Hex Shank Hexagon Insert Bits 3, 4, 5, 6, 8 mm</li> <li>FSEA0806-0840</li> <li>1/4" Hex Shank Star Insert Bits T8, T10, T15, T20, T25, T27, T30, T40</li> <li>FTAB0808</li> <li>1/4" Dr. x 1/4" (H) Quick Change Bit Holder</li> <li>CAAA0802 &amp; 0806</li> <li>1/4" Dr. Extension Bar - 2" &amp; 6" (L)</li> <li>CAHA0840</li> <li>1/4" Dr. Universal Joint</li> <li>CTCK0811</li> <li>1/4" Dr. Sliding T-Handle</li> <li>CAIP0816</li> <li>1/4" Dr. Spinner Handle</li> <li>CFKA0806</li> <li>1/4" Dr. Swivel Handle - 6" (L)</li> <li>CJBM0815</li> <li>1/4" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release</li> </ul>	

**40PCS** Satin Chrome Finished  
1/4" & 3/8" DR. Socket Set (METRIC & SAE)



ITEM NO.	CONTENTS	10 (SET)
GCAT4001 (6PT)	<ul style="list-style-type: none"> <li>BAAE0804-0812</li> <li>1/4" Dr. 6PT Flank Sockets 4, 5, 6, 7, 8, 9, 10, 12 mm</li> <li>BBAE0806-0816</li> <li>1/4" Dr. 6PT Flank Sockets 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"</li> <li>BAAE1209-1219</li> <li>3/8" Dr. 6PT Flank Sockets 9, 10, 11, 12, 13, 14, 16, 17, 18, 19 mm</li> <li>BBAE1212-1224</li> <li>3/8" Dr. 6PT Flank Sockets 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"</li> <li>BAAR1216</li> <li>3/8" Dr. Spark Plug Socket 16mm</li> <li>CJBG1220</li> <li>3/8" Dr. 36 Teeth Reversible Ratchet Handle with Push - Through Mechanism</li> <li>CTCK1220</li> <li>3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release</li> <li>CAAA1203</li> <li>3/8" Dr. Extension Bar - 3" (L)</li> <li>ALAC1212</li> <li>3/8" Dr. Disc</li> <li>CAIP0816</li> <li>1/4" Dr. Spinner Handle</li> <li>CAEB1208</li> <li>3/8" (F) x 1/4" (M) Dr. Adapter</li> </ul>	

**20PCS** Satin Chrome Finished  
3/8" DR. Socket Set



ITEM NO.	CONTENTS	10 (SET)
GCAT2001 (6PT)	<ul style="list-style-type: none"> <li>BAAE1208-1222</li> <li>3/8" Dr. 6PT Flank Sockets 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22 mm</li> </ul>	
GCAT2002 (12PT)	<ul style="list-style-type: none"> <li>CAAA1203 &amp; 1206</li> <li>3/8" Dr. Extension Bar - 3" &amp; 6" (L)</li> <li>CAHA1254</li> <li>3/8" Dr. Universal Joint</li> <li>CTCK1220</li> <li>3/8" Dr. Sliding T-Handle - 8" (L)</li> <li>BAAR1216</li> <li>3/8" Dr. Spark Plug Socket - 16 mm</li> <li>CFKA1210</li> <li>3/8" Dr. Swivel Handle - 10" (L)</li> <li>CJBM1220</li> <li>3/8" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release</li> </ul>	

**25PCS** Satin Chrome Finished  
3/8" DR. Flank Socket Set



ITEM NO.	CONTENTS	10 (SET)
GCAT2502 (6PT)	<ul style="list-style-type: none"> <li>BAAE1206-1224</li> <li>3/8" Dr. 6PT Flank Sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24 mm</li> </ul>	
GCAT2504 (12PT)	<ul style="list-style-type: none"> <li>CAHA1254</li> <li>3/8" Dr. Universal Joint</li> <li>CAAA1203 &amp; 1206</li> <li>3/8" Dr. Extension Bar - 3" &amp; 6" (L)</li> <li>BAAT1216 &amp; 1221</li> <li>3/8" Dr. Magnetic Spark Plug Socket 16 &amp; 21 mm</li> <li>CTCK1220</li> <li>3/8" Dr. Sliding T-Handle</li> <li>CJBG1220</li> <li>3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release</li> </ul>	

**26PCS** Satin Chrome Finished  
3/8" DR. Socket Set



ITEM NO.	CONTENTS	10 (SET)
GCAT2605 (6PT)	<ul style="list-style-type: none"> <li>BAAE1206-1224</li> <li>3/8" Dr. 6PT Flank Sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24 mm</li> </ul>	
GCAT2606 (12PT)	<ul style="list-style-type: none"> <li>CJTV1224</li> <li>3/8" Dr. 60 Teeth Rotatory Ratchet Handle with Push - Through Mechanism</li> <li>CTCK1220</li> <li>3/8" Dr. Sliding T-Handle - 8" (L)</li> <li>CAAA1203-1210</li> <li>3/8" Dr. Extension Bar 3", 6", 10" (L)</li> <li>CAHA1254</li> <li>3/8" Dr. Universal Joint</li> <li>BAAR1216 &amp; 1221</li> <li>3/8" Dr. Spark Plug Sockets 16 &amp; 21 mm</li> </ul>	



**18PCS** Satin Chrome Finished  
3/8" DR. Flank Socket Set



ITEM NO.	CONTENTS	10 (SET)
GCAT1808 (6PT)	11 BAEA1206-1224 3/8" Dr. 6PT Flank Sockets 6, 7, 8, 10, 11, 12, 13, 14, 17, 19, 21, 22, 24 mm	
GCAT1810 (12PT)	1 CAHA1254 3/8" Dr. Universal Joint 2 CAAA1203 & 1206 3/8" Dr. Extension Bar 3" & 6" (L) 1 CFAC1210 3/8" Dr. Swivel Handle - 10" (L) 1 CJBAA1220 - 90° 3/8" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release 1 CJBG1220 - 12PT 3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release	

**15PCS** Satin Chrome Finished  
1/2" DR. Flank Socket Set



ITEM NO.	CONTENTS	10 (SET)
GCAT1502 (6PT)	11 BAEA1608-1624 1/2" Dr. 6PT Flank Sockets 8, 10, 11, 12, 13, 14, 17, 19, 21, 22, 24 mm	
GCAT1504 (12PT)	1 CAHA1678 1/2" Dr. Universal Joint 2 CAAA1603 & 1605 1/2" Dr. Extension Bar 3" & 5" (L) 1 CJBG1627 1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release	

**4PCS**  
Pliers Assortment Set



ITEM NO.	CONTENTS	10 (SET)
GBAT0402	1 DBBB2207 Combination Pliers - 7" (L) 1 DEBC2207 Heavy Duty Diagonal Cutting Pliers 7" (L) 1 DFBB2208 Long Nose Pliers - 8" (L) 1 DFBA2208 Bent Nose Pliers - 8" (L)	

**3PCS**  
Pliers Assortment Set



ITEM NO.	CONTENTS	10 (SET)
GBAT0304	1 DBAB2207B Combination Pliers 7" (L) 1 DEAC2207B Heavy Duty Diagonal Cutting Pliers 7" (L) 1 DFAB2208B Long Nose Pliers 8" (L)	

**4PCS**  
Retaining Ring Pliers Set



ITEM NO.	CONTENTS	10 (SET)
GBAT0401	1 DCAA1207 90° Retaining Ring Pliers (External Ring) 7" (L) 1 DCAB1207 Straight Retaining Ring Pliers (External Ring) 7" (L) 1 DCAC1207 90° Retaining Ring Pliers (Internal Ring) 7" (L) 1 DCAD1207 Straight Retaining Ring Pliers (Internal Ring) 7" (L)	

**4PCS**  
Retaining Ring Pliers Set



ITEM NO.	CONTENTS	10 (SET)
GBAT0403	1 DCBA1307 90° Retaining Ring Pliers (External Ring) 7" (L) 1 DCBB1307 Straight Retaining Ring Pliers (External Ring) 7" (L) 1 DCBC1307 90° Retaining Ring Pliers (Internal Ring) 7" (L) 1 DCBD1307 Straight Retaining Ring Pliers (Internal Ring) 7" (L)	

**3PCS**  
Adjustable Wrench & Pliers Set



ITEM NO.	CONTENTS	10 (SET)
GBAT0301	1 DAAQ1A10 Curved Jaw Locking Pliers with Wire Cutters - 10" (L) 1 DDA11210 Groove-Joint Water Pump Pliers - 10" (L) 1 AMAA3325 Paw Adjustable Wrench - 10" (L)	

**3PCS**  
Adjustable Wrench & Pliers Set



ITEM NO.	CONTENTS	10 (SET)
GBAT0303	1 DAAQ1A10 Curved Jaw Locking Pliers with Wire Cutters - 10" (L) 1 DDBA2210 Box-Joint Water Pump Pliers - 10" (L) 1 AMAA3325 Paw Adjustable Wrench - 10" (L)	

**2PCS**  
Pipe Wrench & Ball Peen Hammer Set



ITEM NO.	CONTENTS	10 (SET)
GBAT0201	1 HAAC1635 Ball Peen Hammer (16oz) 1 DDAB1A14 Pipe Wrench - 14" (L)	

**7PCS**  
Chisels & Hammers Set



ITEM NO.	CONTENTS	10 (SET)
GCAT0701	5 GAAV0501 Chisel Punch Set Pin Punch: 4x10x150 mm Cape Chisel: 5x10x130 mm Cold Chisel: 12x10x130 mm Taper Punch: 3x10x120 mm Center Punch: #2x10x120 mm 1 HAAA0330 Engineers Hammer (300g) 1 HAAB1038 Dead Blow Hammer (16oz)	

**3PCS** Black Phosphate Finished  
Ratchet Pry Bar Set



ITEM NO.	CONTENTS	10 (SET)
GBAT0305	3 JCDE0908-1515 Ratchet Pry Bar 9", 12", 16" (L)	

**5PCS**  
File Set



ITEM NO.	CONTENTS	10 (SET)
GBAT0501	1 SDBB0821 Flat File - 8" (L) 1 SDBE0815 Triangle File - 8" (L) 1 SDBC0821 Half Round File - 8" (L) 1 SDBA0808 Square File - 8" (L) 1 SDBD0808 Round File - 8" (L)	

**6PCS**  
Go-Thru Slotted & Phillips Screwdriver Set (Hexagon Steel & Hexagon Driver)



ITEM NO.	CONTENTS	10 (SET)
GAAT0601	2 FBGB0108 & 0210 Go-Thru Phillips Screwdrivers (Hexagon Steel & Hexagon Driver) PH1x75 & PH2x100 4 FAGB5E10-1020 Go-Thru Slotted Screwdrivers (Hexagon Steel & Hexagon Driver) 5.5x100, 5.5x150, 8x175, 10x200	

**6PCS**  
Go-Thru Slotted & Phillips Screwdriver Set (Hexagon Steel & Hexagon Driver)



ITEM NO.	CONTENTS	10 (SET)
GAAT0602	3 FBGB0108-0315 Go-Thru Phillips Screwdrivers (Hexagon Steel & Hexagon Driver) PH1x75, PH2x100, PH3x150 3 FAGB5E10-0818 Go-Thru Slotted Screwdrivers (Hexagon Steel & Hexagon Driver) 5.5x100, 5.5x150, 8x175	

**8PCS**  
Slotted & Phillips Screwdriver Set



ITEM NO.	CONTENTS	10 (SET)
GAAT0805	3 FBAB0108-0315 Phillips Anti-Slip Screwdrivers PH1x80, PH2x100, PH3x150 1 FBFB0203 Stubby Phillips Anti-Slip Screwdriver PH2x25 3 FAAB0410-6E15 Slotted Anti-Slip Screwdrivers 4x100, 5.5x100, 6.5x150 1 FABR6E03 Stubby Slotted Anti-Slip Screwdriver 6.5x25	

**8PCS**  
Star Screwdriver Set



ITEM NO.	CONTENTS	10 (SET)
GAAT0813	8 FFAB0908-4015 Star Anti-Slip Screwdrivers T9, T10, T15, T20, T25, T27, T30, T40	

**8PCS**  
Star Tamperproof Screwdriver Set



ITEM NO.	CONTENTS	10 (SET)
GAAT0807	8 FEAB0908-4015 Star Tamperproof Anti-Slip Screwdrivers T9, T10, T15, T20, T25, T27, T30, T40	

**6PCS**  
VDE Insulated Phillips & Slotted Screwdriver Set



ITEM NO.	CONTENTS	10 (SET)
GAAT0603	3 FBEB0008-0210 VDE Insulated Phillips Screwdrivers PH0x75, PH1x100, PH2x100 3 FAEB0410-6E15 VDE Insulated Slotted Screwdrivers 4x100, 5.5x125, 6.5x150	

**151PCS**  
Hand Riveter Set



ITEM NO.	CONTENTS	10 (SET)
GAAT0101	1 JBAA2448 Hand Riveter 30 ALCA0207 Aluminum Rivets - Ø2.4x8mm 30 ALCA0308 Aluminum Rivets - Ø3.2x8mm 30 ALCA0410 Aluminum Rivets - Ø4x10mm 30 ALCA0510 Aluminum Rivets - Ø4.8x10mm 30 ALCB0407 Stainless Rivets - Ø4x7mm	

**151PCS**  
Pro-Series Hand Riveter Set



ITEM NO.	CONTENTS	10 (SET)
GAAT0103	1 JBAP2450 Pro-Series Hand Riveter 30 ALCA0207 Aluminum Rivets - Ø2.4x8mm 30 ALCA0308 Aluminum Rivets - Ø3.2x8mm 30 ALCA0410 Aluminum Rivets - Ø4x10mm 30 ALCA0510 Aluminum Rivets - Ø4.8x10mm 30 ALCB0407 Stainless Rivets - Ø4x7mm	

**121PCS**  
Industrial Hand Nut Riveter Set

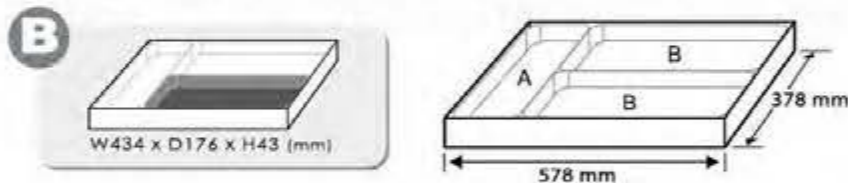


ITEM NO.	CONTENTS	10 (SET)
GAAT0102	1 JBBA0306 Industrial Hand Rivet Nut Tool 30 ALFA0305 Aluminum Rivet Nut - M3x0.5 30 ALFA0407 Aluminum Rivet Nut - M4x0.7 30 ALFA0508 Aluminum Rivet Nut - M5x0.8 30 ALFA0610 Aluminum Rivet Nut - M6x1.0	



**PLASTIC TRAY**

All TOPTUL high quality drawer tool sets are currently designed with 2 interchangeable insert sizes (A&B) allowing users to mix and match personally best favorite and suitable tool selection within each drawer. Additional 1/3, 1/2 and full size of drawer tool sets are also available for the market in order to satisfy each individuals demand. TOPTUL mobile tool sets must be your best working partners.



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**5PCS** Satin Chrome Finished  
Half-Moon Ring Wrench Set



ITEM NO.	CONTENTS	10 (SET)
GAAT0504	AAAC1012-1922 Half-Moon Ring Wrenches 10x12, 11x13, 14x17, 16x18, 19x22 mm	

**10PCS** Satin Chrome Finished  
Angled Socket Wrench Set



ITEM NO.	CONTENTS	5 (SET)
GAAT1002	AAEA0808-1919 Angled Socket Wrenches 8, 10, 11, 12, 13, 14, 16, 17, 18, 19 mm	

**15PCS** Satin Chrome Finished  
Double End Socket Wrench Set



ITEM NO.	CONTENTS	5 (SET)
GAAT1501	AEBE0607-3032 Double End Socket Wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x26, 25x28, 30x32 mm	
	ALEB0611-2432 Tommy Bars 100, 170, 290 mm(L)	

**8PCS** Satin Chrome Finished  
Torque Wrench, Adapter & Ratchet Handle Set



ITEM NO.	CONTENTS	5 (SET)
GCAT0803	BAAT1616 & 1621 1/2" Dr. Magnetic Spark Plug Sockets 16 & 21 mm	
	ANAF1211 3/8" Dr. Torque Wrench (20-110Nm)	
	CAEA1208 3/8"(F) x 1/4"(M) Dr. Adapter	
	CAGA1216 3/8"(F) x 1/2"(M) x 17.2 mm 3-Way Adapter - 44 mm(L)	
	CJDI0812 1/4" Dr. 45 Teeth Stubby Reversible Ratchet Handle with Quick Release	
	CJHM1228 3/8" Dr. 72 Teeth Flexible Reversible Ratchet Handle with Quick Release	
	CJLN1632 1/2" Dr. 72 Teeth Reversible Swivel Head Ratchet Handle	

**16PCS** Satin Chrome Finished  
15° Offset Super-Torque Combination  
Wrench Set



ITEM NO.	CONTENTS	10 (SET)
GAAT1603	AAEW0606-2424 Super-Torque Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24 mm	

**16PCS** Satin Chrome Finished  
15° Offset Hi-Performance Combination  
Wrench Set



ITEM NO.	CONTENTS	10 (SET)
GAAT1604	AAEX0606-2424 Hi-Performance Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24 mm	

**16PCS** Satin Chrome Finished  
15° Offset Standard Combination Wrench Set



ITEM NO.	CONTENTS	10 (SET)
GAAT1602	AAEB0606-2424 Standard Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24 mm	

**16PCS** Satin Chrome Finished  
15° Offset Pro-Line Combination Wrench Set



ITEM NO.	CONTENTS	10 (SET)
GAAT1605	AABW0606-2424 Pro-Line Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24 mm	

**72PCS** Satin Chrome Finished  
1/4" DR. Socket & Ball Point Hex Key  
Wrench Set



ITEM NO.	CONTENTS	10 (SET)
GCAT7202 (6PT)	BAAE0804-0814 1/4" Dr. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm	
	BAAE0804-0814 1/4" Dr. 6PT Deep Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm	
	BCDA082E-0808 1/4" Dr. Hex Bit Sockets 2.5, 3, 4, 5, 6, 7, 8 mm	
	BCCA0803-0808 1/4" Dr. Slotted Bit Sockets 3, 4, 4.5, 5.5, 6.5, 8 mm	
	BCAA08P0-08P4 1/4" Dr. Phillips Bit Sockets PH0, PH1, PH2, PH3, PH4	
	BCBA08P0-08P3 1/4" Dr. Pozid Bit Sockets PZ0, PZ1, PZ2, PZ3	
	BCFA0808-0840 1/4" Dr. Star Bit Sockets T8, T10, T15, T20, T25, T27, T30, T40	
	CJBM0815 1/4" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release	
	CAAA0802-0806 1/4" Dr. Extension Bar 2", 4", 6" (L)	
	CTCK0811 1/4" Dr. Sliding T-Handle	
	CAHA0840 1/4" Dr. Universal Joint	
	CAIA0815 1/4" Dr. Spinner Handle	
	GAAL0916 Long Type Ball Point Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm	

**34PCS** Satin Chrome Finished  
1/4" & 1/2" DR. Flank Socket Set



ITEM NO.	CONTENTS	5 (SET)
GCAT3402 (6PT)	BAAE0805-0813 1/4" Dr. 6PT Flank Sockets 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm	
	BAAE1610-1632 1/2" Dr. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 29, 30, 32 mm	
	CAAA0804 1/4" Dr. Extension Bar - 4" (L)	
	CAAA1605 1/2" Dr. Extension Bar - 5" (L)	
	CAHA0840 & 1678 1/4" & 1/2" Dr. Universal Joint	
	CTCK0811 1/4" Dr. Sliding T-Handle	
	CJBG0815 & 1627 1/4" & 1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release	

**34PCS** Satin Chrome Finished  
3/8" DR. Flank Socket Set (METRIC & SAE)



ITEM NO.	CONTENTS	5 (SET)
GCAT3403 (6PT)	BAAE1208-1222 3/8" Dr. 6PT Flank Sockets 8, 10, 12, 13, 14, 16, 17, 18, 19, 21, 22 mm	
	BBAE1210-1228 3/8" Dr. 6PT Flank Sockets 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 25/32", 13/16", 7/8"	
	BAAR1216 & 1221 3/8" Dr. Spark Plug Sockets 16 & 21 mm	
	CJBG1220 3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release	
	CAAA1203-1210 3/8" Dr. Extension Bar 3", 6", 10" (L)	
	CTCJ1208 3/8" Dr. Sliding T-Handle with Quick Release	
	CFKA1210 3/8" Dr. Swivel Handle	
	CAHA1254 3/8" Dr. Universal Joint	
	CADC1240 3/8" Dr. Speed Brace	
	CAEB0812 1/4"(F) x 3/8"(M) Adapter	
	CAIP0816 1/4" Dr. Spinner Handle	

**26PCS** Satin Chrome Finished  
1/2" DR. Socket Set



ITEM NO.	CONTENTS	5 (SET)
GCAT2604 (6PT)	BAAE1610-1632 1/2" Dr. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm	
	CAHA1678 1/2" Dr. Universal Joint	
	CAAA1605 & 1610 1/2" Dr. Extension Bar 6" & 10" (L)	
	CTCK1625 1/2" Dr. Sliding T-Handle	
	CADC1642 1/2" Dr. Speed Brace	
	CJBG1627 1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release	

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**25PCS** Satin Chrome Finished  
1/2" DR. Socket Set (METRIC)



ITEM NO.	CONTENTS	5 (SET)
GCAT2505 (6PT)	<ul style="list-style-type: none"> <li>BAEA1608-1632 1/2" Dr. 6PT Flank Sockets 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30, 32 mm</li> </ul>	
GCAT2506 (12PT)	<ul style="list-style-type: none"> <li>CAAA1605 &amp; 1610 1/2" Dr. Extension Bar - 5" &amp; 10" (L)</li> <li>CAHA1678 1/2" Dr. Universal Joint</li> <li>CTCK1630 1/2" Dr. Sliding T-Handle</li> <li>BAAR1621 1/2" Dr. Spark Plug Socket - 21 mm</li> <li>CFKA1615 1/2" Dr. Swivel Handle - 15" (L)</li> <li>CJBM1627 1/2" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release</li> </ul>	

**25PCS** Satin Chrome Finished  
1/2" DR. Socket Set (METRIC)



ITEM NO.	CONTENTS	5 (SET)
GCAT2507 (6PT)	<ul style="list-style-type: none"> <li>BAEA1610-1632 1/2" Dr. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm</li> </ul>	
GCAT2508 (12PT)	<ul style="list-style-type: none"> <li>CAAA1605 &amp; 1610 1/2" Dr. Extension Bar - 5" &amp; 10" (L)</li> <li>CAHA1678 1/2" Dr. Universal Joint</li> <li>CTCK1630 1/2" Dr. Sliding T-Handle</li> <li>BAAR1621 1/2" Dr. Spark Plug Socket - 21 mm</li> <li>CFKA1615 1/2" Dr. Swivel Handle - 15" (L)</li> <li>CJBM1627 1/2" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release</li> </ul>	

**25PCS** Mirror Polished  
1/2" DR. Socket Set (SAE)



ITEM NO.	CONTENTS	5 (SET)
GCAT2509 (6PT)	<ul style="list-style-type: none"> <li>BBEA1610-1640 1/2" Dr. 6PT Flank Sockets 5/16", 3/8", 7/16", 1/2", 9/16", 19/32", 5/8", 11/16", 3/4", 25/32", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4"</li> </ul>	
GCAT2510 (12PT)	<ul style="list-style-type: none"> <li>CAAA1605 &amp; 1610 1/2" Dr. Extension Bar 5" &amp; 10" (L)</li> <li>CAHA1678 1/2" Dr. Universal Joint</li> <li>CTCK1630 1/2" Dr. Sliding T-Handle</li> <li>BAAR1621 1/2" Dr. Spark Plug Socket - 13/16"</li> <li>CFKA1615 1/2" Dr. Swivel Handle - 15" (L)</li> <li>CJBM1627 1/2" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release</li> </ul>	

**43PCS** Satin Chrome Finished  
1/2" DR. Flank Socket Set (METRIC & SAE)



ITEM NO.	CONTENTS	5 (SET)
GCAT4301 (6PT)	<ul style="list-style-type: none"> <li>BAEA1608-1632 1/2" Dr. 6PT Flank Sockets 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 29, 30, 32 mm</li> <li>BBEA1612-1640 1/2" Dr. 6PT Flank Sockets 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"</li> <li>BAAR1616 &amp; 1621 1/2" Dr. Spark Plug Sockets - 16 &amp; 21 mm</li> <li>CJBG1627 1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release</li> <li>CAAA1603-1610 1/2" Dr. Extension Bar - 3", 5", 10" (L)</li> <li>CAGA1216 3/8" (F) x 1/2" (M) Dr. 3-Way Adapter</li> <li>CFKA1615 1/2" Dr. Swivel Handle</li> <li>CAHA1678 1/2" Dr. Universal Joint</li> </ul>	

**24PCS** Satin Chrome Finished  
1/2" DR. Flank Socket Set



ITEM NO.	CONTENTS	5 (SET)
GCAT2402 (6PT)	<ul style="list-style-type: none"> <li>BAEA1608-1632 1/2" Dr. 6PT Flank Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 23, 24, 27, 30, 32 mm</li> </ul>	
GCAT2404 (12PT)	<ul style="list-style-type: none"> <li>CAAA1605 &amp; 1610 1/2" Dr. Extension Bar - 5" &amp; 10" (L)</li> <li>CTCK1625 1/2" Dr. Sliding T-Handle</li> <li>CAHA1678 1/2" Dr. Universal Joint</li> <li>CFAC1615 1/2" Dr. Swivel Handle - 15" (L)</li> <li>CJBM1627 1/2" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release</li> </ul>	

**24PCS** Satin Chrome Finished  
1/2" DR. Socket Set



ITEM NO.	CONTENTS	5 (SET)
GCAT2406 (6PT)	<ul style="list-style-type: none"> <li>BAEA1610-1632 1/2" Dr. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32 mm</li> </ul>	
GCAT2407 (12PT)	<ul style="list-style-type: none"> <li>BAAR1616 &amp; 1621 1/2" Dr. Spark Plug Sockets 16 &amp; 21 mm</li> <li>CJTV1629 1/2" Dr. 60 Teeth Rotatory Ratchet Handle with Push - Through Mechanism</li> <li>CTCK1625 1/2" Dr. Sliding T-Handle - 10" (L)</li> <li>CAAA1605 &amp; 1610 1/2" Dr. Extension Bar - 5" &amp; 10" (L)</li> <li>CAHA1678 1/2" Dr. Universal Joint</li> </ul>	

**18PCS** Satin Chrome Finished  
1/2" DR. Flank Socket Set



ITEM NO.	CONTENTS	5 (SET)
GCAT1801 (6PT)	<ul style="list-style-type: none"> <li>BAEA1610-1632 1/2" Dr. 6PT Flank Sockets 10, 12, 13, 14, 17, 19, 21, 22, 24, 27, 30, 32 mm</li> </ul>	
GCAT1803 (12PT)	<ul style="list-style-type: none"> <li>CAHA1678 1/2" Dr. Universal Joint</li> <li>CAAA1603-1610 1/2" Dr. Extension Bar - 3", 5", 10" (L)</li> <li>CJBG1627 1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release</li> <li>CFAC1615 1/2" Dr. Swivel Handle - 15" (L)</li> </ul>	

**22PCS** Satin Chrome Finished  
1/2" DR. Deep Flank Socket Set



ITEM NO.	CONTENTS	5 (SET)
GAAT2202 (6PT)	<ul style="list-style-type: none"> <li>BAEE1608-1632 1/2" Dr. 6PT Deep Flank Sockets 8, 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 29, 30, 32 mm</li> <li>BAAT1616 &amp; 1621 1/2" Dr. Magnetic Spark Plug Sockets 16 &amp; 21 mm</li> </ul>	

**8PCS**  
L-Type Two Way Ball Point & Hex Key Wrench Set



ITEM NO.	CONTENTS	10 (SET)
GAAT0811	<ul style="list-style-type: none"> <li>AGCD0214-1027 L-Type Two Way Ball Point &amp; Hex Key Wrenches ②+① 2x140, 2.5x140, 3x140, 4x140, 5x203, 6x203, 8x265, 10x265 mm</li> </ul>	

**8PCS**  
L-Type Two Way Ball Point & Hex Key Wrench Set



ITEM NO.	CONTENTS	10 (SET)
GAAT0803	<ul style="list-style-type: none"> <li>AGCA0215-1028 L-Type Two Way Ball Point &amp; Hex Key Wrench ②+① 2x140, 2.5x140, 3x140, 4x140, 5x203, 6x203, 8x262, 10x262 mm</li> </ul>	

**8PCS**  
VDE Insulated Pliers & Screwdriver Set



ITEM NO.	CONTENTS	10 (SET)
GAAT0809	<ul style="list-style-type: none"> <li>DGCC2206 VDE Insulated Diagonal Cutting Pliers 8" (L)</li> <li>DGCA2207 VDE Insulated Combination Pliers - 7" (L)</li> <li>DGCB2208 VDE Insulated Long Nose Pliers - 8" (L)</li> <li>FAEB0410 &amp; 5E13 VDE Insulated Slotted Screwdrivers 4x100 &amp; 5.5x125 mm</li> <li>FBEB0110 &amp; 0210 VDE Insulated Phillips Screwdrivers PH1x100 &amp; PH2x100 mm</li> <li>FAJA0315 Voltage Tester, CE Approval - 145 mm(L)</li> </ul>	

**8PCS**  
L-Type Two Way Hex Key Wrench Set



ITEM NO.	CONTENTS	10 (SET)
GAAT0814	<ul style="list-style-type: none"> <li>AGHD0214-1027 L-Type Two Way Hex Key Wrench ②+① 2x140, 2.5x140, 3x140, 4x140 5x203, 6x203, 8x265, 10x265 mm</li> </ul>	

**8PCS**  
L-Type Two Way Star & Tamperproof Key Wrench Set



ITEM NO.	CONTENTS	10 (SET)
GAAT0804	<ul style="list-style-type: none"> <li>AIEA1015-5028 L-Type Two Way Star &amp; Tamperproof Key Wrench ②+① T10x142, T15x142, T20x142, T25x142, T30x206, T40x206, T45x261, T50x261</li> </ul>	

**8PCS**  
VDE Insulated Pliers & Screwdriver Set



ITEM NO.	CONTENTS	10 (SET)
GAAT0810	<ul style="list-style-type: none"> <li>DGCC2206 VDE Insulated Diagonal Cutting Pliers 8" (L)</li> <li>DGCA2207 VDE Insulated Combination Pliers - 7" (L)</li> <li>DGCD2206 VDE Insulated Wire Stripping Pliers - 6" (L)</li> <li>FAEB0410 &amp; 5E13 VDE Insulated Slotted Screwdrivers 4x100 &amp; 5.5x125 mm</li> <li>FBEB0110 &amp; 0210 VDE Insulated Phillips Screwdrivers PH1x100 &amp; PH2x100 mm</li> <li>FAJA0315 Voltage Tester, CE Approval - 145 mm(L)</li> </ul>	

**8PCS**  
L-Type Two Way Star & Tamperproof Key Wrench Set



ITEM NO.	CONTENTS	10 (SET)
GAAT0812	<ul style="list-style-type: none"> <li>AIED1014-5027 L-Type Two Way Star &amp; Tamperproof Key Wrenches ②+① T10x140, T15x140, T20x140, T25x140, T30x203, T40x203, T45x265, T50x265</li> </ul>	

**11PCS**  
Measuring, Marking & Cutting Tool Set



ITEM NO.	CONTENTS	10 (SET)
GCAT1101	<ul style="list-style-type: none"> <li>SBAA0414 Multi-Purpose Electricians Scissors</li> <li>HBAF0130 Auto Center Punch</li> <li>ICAC0122 Screw Pitch Gauges 4-48 (SAE)</li> <li>ICAB0124 Screw Pitch Gauges 0.25-6 (METRIC)</li> <li>ICAA0020 20 Sizes Metric Tapered Feeler Gauge</li> <li>IAAC1905M Heavy Duty Metric Measuring Tape - 5M</li> <li>SCAA2017 Heavy Duty Utility Knife</li> <li>IDAA0208 Steel Scriber</li> <li>IACA0150 Stainless Steel Vernier Caliper</li> <li>IBAA0150 Stainless Steel Protractor</li> <li>IABA0300 Stainless Steel Straight Ruler (30cm)</li> </ul>	

**8PCS**  
Hacksaw, Adjustable Wrench & Pin Punch Set



ITEM NO.	CONTENTS	10 (SET)
GCAT0801	<ul style="list-style-type: none"> <li>AMAB2920 Adjustable Wrench - 8" (L)</li> <li>GAAV0601 2x8x115, 3x8x125, 4x10x150, 5x10x165, 6x12x180, 8x12x180 mm</li> <li>SAAA3013 Heavy Duty Hacksaw</li> </ul>	







# 120PCS

## Professional Mechanical Tool Set

W/6-Drawer Tool Chest

(W)860 x (D)307 x (H)378 mm

ITEM NO. **GCBZ120A**

**120PCS**

Professional Mechanical Tool Set  
W/6-Drawer Tool Chest



**6 DRAWER TOOLS**



Professional Mechanical Tool Set

W/6 DRAWER TOOL CHEST

120PCS

ITEM NO. **GCBZ120A**

Satin Chrome Finished

120PCS Tool Chest Set

CONTENTS	DESCRIPTION
TBAA0601	6-Drawer Tool Chest - (W)660 x (D)307 x (H)378 mm
1 GZA-0803	<b>FAAB0308-6E15</b> 4 Slotted Anti-Slip Screwdrivers 3x75, 4x100, 5.5x100, 6.5x150 mm <b>FBAB0108 &amp; 0210</b> 2 Phillips Anti-Slip Screwdrivers - PH1x80 & PH2x100 <b>FCAB0210</b> 1 Pozidriv Anti-Slip Screwdriver - PZ2x100 <b>FJAB0213</b> 1 Square Anti-Slip Screwdriver - SQ2x125
2 GZA-0304	<b>AMAB2920 &amp; 3325</b> 2 Heavy Duty Adjustable Wrench - 8" & 10" (L) <b>DDBA2210</b> 1 Box-Joint Water Pump Pliers - 10" (L)
3 GZA-0305	<b>DEBC2208</b> 1 Heavy Duty Diagonal Cutting Pliers - 8" (L) <b>DBBB2208</b> 1 Combination Pliers - 8" (L) <b>DFBB2208</b> 1 Long Nose Pliers - 8" (L)
	<b>BAEA1610-1632</b> 10 1/2" DR. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 29, 30, 32 mm <b>BBEA1612-1640</b> 14 1/2" DR. 6PT Flank Sockets 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"
4 GZO-5702	<b>CAHK1678</b> 1 1/2" DR. Super-Torque Universal Joint <b>CAAA1605 &amp; 1610</b> 2 1/2" DR. Extension Bar - 5" & 10" (L) <b>CTCJ1610</b> 1 1/2" DR. Sliding T-Handle with Quick Release - 10" (L) <b>CFAC1618</b> 1 1/2" DR. Swivel Handle - 18" (L) <b>CJBM1627</b> 1 1/2" DR. 72 Teeth Reversible Ratchet Handle with Quick Release <b>GAAL0916</b> 2 Long Type Ball Point Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm <b>GBAL0901</b> 2 Long Type Ball Point Hex Key Wrench Set 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8"
5 GZO-3104	<b>AAEB0606-2424</b> 12 Standard Combination Wrench 15" Offset 6, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 mm <b>ACEB0808-3232</b> 14 Standard Combination Wrench 15" Offset 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
	<b>SAAA3013</b> 1 Heavy Duty Hacksaw <b>DAAQ1A10</b> 1 Curved Jaw Locking Pliers with Wire Cutters - 10" (L) <b>GAAV0601</b> 4 Pin Punch Set 2x8x115, 3x8x125, 4x10x150, 5x10x165, 6x12x180, 8x12x180 mm <b>HAAC2440</b> 1 Ball Peen Hammer (24 oz) <b>FIAA1615</b> 1 1/2" DR. Impact Driver - 145 mm(L) <b>FTAB1610</b> 1 Quick Change Bit Holder 1/2" DR. x 5/16" (H) - 36 mm(L)
6 GZO-1803	<b>FSAC1008 &amp; 1010</b> 2 5/16" Hex Shank Slotted Insert Bits 1.2x8 mm & 1.6x10 mm - 36 mm(L) <b>FSBC1002 &amp; 1003</b> 2 5/16" Hex Shank Phillips Insert Bits PH2 & PH3 - 36 mm(L) <b>FBAB0315</b> 1 Phillips Anti-Slip Screwdriver - PH3x150 <b>FAAB0818</b> 1 Slotted Anti-Slip Screwdriver - 8x175 mm <b>FAGB1020</b> 1 Go-Thru Slotted Screwdriver - 10x200 mm

ITEM NO.  
**GCBZ120A**



PROFESSIONAL  
MECHANICAL TOOL SET

MASTER TOOL SETS



186PCS

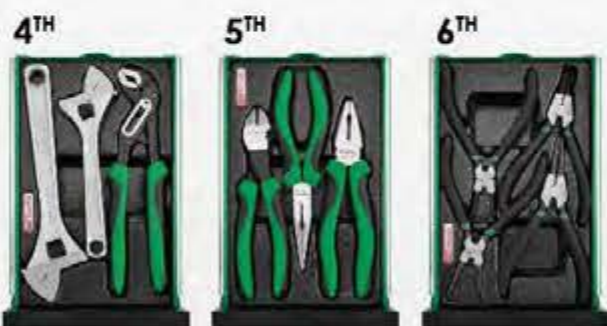
Professional Mechanical Tool Set

W/9-Drawer Tool Chest  
(W)660 x (D)307 x (H)434 mm



186PCS

Professional Mechanical Tool Set  
W/9-Drawer Tool Chest



ITEM NO. GCBZ186A

9 DRAWER TOOLS

Professional Mechanical Tool Set  
W/9 DRAWER TOOL CHEST  
186PCS

ITEM NO. GCBZ186A

Satin Chrome Finished

186PCS Tool Chest Set

CONTENTS	DESCRIPTION
TBAA0901	9-Drawer Tool Chest - (W)660 x (D)307 x (H)434 mm
BAAE0804-0814	13 1/4" DR. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
BBEA0805-0818	11 1/4" DR. 6PT Flank Sockets 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"
1 BAE1206-1222	14 3/8" DR. 6PT Flank Sockets 6, 8, 10, 12, 13, 14, 16, 17, 18, 19, 20, 21, 22 mm
GZA-5001 BBEA1210-1228	11 3/8" DR. 6PT Flank Sockets 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 25/32", 13/16", 7/8"
BAAT1216 & 1221	3 3/8" DR. Magnetic Spark Plug Sockets - 16 & 21 mm
CJBM0815 & 1220	2 1/4" & 3/8" DR. 72 Teeth Reversible Ratchet Handle with Quick Release
2 CAIP0816	1 1/4" DR. Spinner Handle
CFAC1210	1 3/8" DR. Swivel Handle - 10" (L)
GZA-1202 CAHK0840 & 1254	1 1/4" & 3/8" DR. Super-Torque Universal Joint
CAAA0803 & 0806	2 1/4" DR. Extension Bar - 3" & 6" (L)
CAAA1203-1210	3 3/8" DR. Extension Bar - 3", 6", 10" (L)
CTCJ1208	1 3/8" DR. Sliding T-Handle with Quick Release - 8" (L)
FAAB0308-6E15	4 Slotted Anti-Slip Screwdrivers 3x75, 4x100, 5.5x100, 6.5x150 mm
3 FBAB0108 & 0210	2 Phillips Anti-Slip Screwdrivers - PH1x80 & PH2x100
GZA-0803 FCAB0210	1 Pozidriv Anti-Slip Screwdriver - PZ2x100
FJAB0213	1 Square Anti-Slip Screwdriver - SQ2x125
4 AMAB2920 & 3325	2 Heavy Duty Adjustable Wrench - 8" & 10" (L)
GZA-0304 DDBA2210	1 Box-Joint Water Pump Pliers - 10" (L)
5 DEBC2208	1 Heavy Duty Diagonal Cutting Pliers - 8" (L)
GZA-0305 DBBB2208	1 Combination Pliers - 8" (L)
DFBB2208	1 Long Nose Pliers - 8" (L)
DCAA1207	1 90° Retaining Ring Pliers (External Ring) - 7" (L)
6 DCAB1207	1 Straight Retaining Ring Pliers (External Ring) - 7" (L)
GZA-0408 DCAC1207	1 90° Retaining Ring Pliers (Internal Ring) - 7" (L)
DCAD1207	1 Straight Retaining Ring Pliers (Internal Ring) - 7" (L)
7 AAEB0606-2424	12 Standard Combination Wrench 15" Offset 6, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 mm
GZC-3104 ACEB0808-3232	12 Standard Combination Wrench 15" Offset 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
BAAE1610-1632	12 1/2" DR. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 29, 30, 32 mm
BBEA1612-1640	14 1/2" DR. 6PT Flank Sockets 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"
8 CAHK1678	1 1/2" DR. Super-Torque Universal Joint
GZC-6702 CAAA1605 & 1610	1 1/2" DR. Extension Bar - 5" & 10" (L)
CTCJ1610	1 1/2" DR. Sliding T-Handle with Quick Release - 10" (L)
CFAC1618	1 1/2" DR. Swivel Handle - 18" (L)
CJBM1627	1 1/2" DR. 72 Teeth Reversible Ratchet Handle with Quick Release
GAAL0916	2 Long Type Ball Point Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm
GBAL0901	2 Long Type Ball Point Hex Key Wrench Set 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8"
SAAA3013	1 Heavy Duty Hack Saw
DAAQ1A10	1 Curved Jaw Locking Pliers with Wire Cutters - 10" (L)
GAAV0601	2 Pin Punch Set 2x8x115, 3x8x125, 4x10x150, 5x10x165, 6x12x180, 8x12x180 mm
HAAC2440	1 Ball Peen Hammer (24 oz)
FIAA1615	1 1/2" DR. Impact Driver - 145 mm(L)
9 FTAB1610	1 Quick Change Bit Holder 1/2" DR. x 5/16" (H) - 38 mm(L)
GZC-1803 FSAC1008 & 1010	2 5/16" Hex Shank Slotted Insert Bits 1.2x8mm & 1.6x10mm - 36 mm(L)
FSBC1002 & 1003	2 5/16" Hex Shank Phillips Insert Bits PH2 & PH3 - 36 mm(L)
FBAB0315	1 Phillips Anti-Slip Screwdriver - PH3x150
FAAB0818	1 Slotted Anti-Slip Screwdriver - 8x175 mm
FAGB1020	1 Go-Thru Slotted Screwdriver - 10x200 mm

ITEM NO.  
GCBZ186A





# Professional Mechanical Tool Set

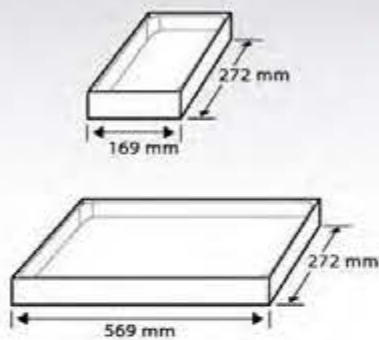


**W/6-Drawer Tool Chest**  
(W)660 x (D)307 x (H)378 mm



**W/9-Drawer Tool Chest**  
(W)660 x (D)307 x (H)434 mm

## TOOL TRAY SET



All TOPTUL high quality drawer tool sets are currently designed allowing users to mix and match personally best favorite and suitable tool selection within each drawer. Drawer tool sets are also available for the market in order to satisfy each individuals demand. TOPTUL mobile tool sets must be your best working partners.

**50PCS** Satin Chrome Finished  
1/4" & 3/8" DR. Socket Set (METRIC & SAE)



ITEM NO.	CONTENTS	6 (SET)
GZA-5001	<ul style="list-style-type: none"> <li>BAEA0804-0814 1/4" Dr. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm</li> <li>BBEA0805-0818 1/4" Dr. 6PT Flank Sockets 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"</li> <li>BAEA1206-1222 3/8" Dr. 6PT Flank Sockets 6, 8, 10, 12, 13, 14, 16, 17, 18, 19, 20, 21, 22 mm</li> <li>BBEA1210-1228 3/8" Dr. 6PT Flank Sockets 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 25/32", 13/16", 7/8"</li> <li>BAAT1216 &amp; 1221 3/8" Dr. Magnetic Spark Plug Sockets 16 &amp; 21 mm</li> </ul>	6 (SET)

**12PCS** Satin Chrome Finished  
1/4" & 3/8" DR. Extension Bar & Ratchet Handle Set



ITEM NO.	CONTENTS	6 (SET)
GZA-1202	<ul style="list-style-type: none"> <li>CJBM0815 &amp; 1220 1/4" &amp; 3/8" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release</li> <li>CAIP0816 1/4" Dr. Spinner Handle</li> <li>CFAC1210 3/8" Dr. Swivel Handle - 10" (L)</li> <li>CAHK0840 &amp; 1254 1/4" &amp; 3/8" Dr. Super-Torque Universal Joint</li> <li>CAAA0803 &amp; 0806 1/4" Dr. Extension Bar - 3" &amp; 6" (L)</li> <li>CAAA1203-1210 3/8" Dr. Extension Bar 3", 6", 10" (L)</li> <li>CTCJ1208 3/8" Dr. Sliding T-Handle with Quick Release - 8" (L)</li> </ul>	6 (SET)

## TOOL TRAY SET

**3PCS**  
Pliers Assortment Set



ITEM NO.	CONTENTS	6 (SET)
GZA-0305	<ul style="list-style-type: none"> <li>DEBC2208 Heavy Duty Diagonal Cutting Pliers 8" (L)</li> <li>DBBB2208 Combination Pliers - 8" (L)</li> <li>DFBB2208 Long Nose Pliers - 8" (L)</li> </ul>	6 (SET)

**3PCS**  
Adjustable Wrench & Pliers Set



ITEM NO.	CONTENTS	6 (SET)
GZA-0304	<ul style="list-style-type: none"> <li>AMAB2920 &amp; 3325 Heavy Duty Adjustable Wrench 8" &amp; 10" (L)</li> <li>DBBA2210 Box-Joint Water Pump Pliers - 10" (L)</li> </ul>	6 (SET)

**8PCS**  
Screwdriver Assortment Set



ITEM NO.	CONTENTS	6 (SET)
GZA-0803	<ul style="list-style-type: none"> <li>FAAB0308-0E15 Slotted Anti-Slip Screwdrivers 3x75, 4x100, 5.5x100, 6.5x150 mm</li> <li>FBAB0105 &amp; 0210 Phillips Anti-Slip Screwdrivers PH1x80 &amp; PH2x100</li> <li>FCAB0210 Pozidriv Anti-Slip Screwdriver PZ2x100</li> <li>FJAB0213 Square Anti-Slip Screwdriver SQ2x125</li> </ul>	6 (SET)

**4PCS**  
Retaining Ring Pliers Set



ITEM NO.	CONTENTS	6 (SET)
GZA-0406	<ul style="list-style-type: none"> <li>DCAA1207 90° Retaining Ring Pliers (External Ring) 7" (L)</li> <li>DCAB1207 Straight Retaining Ring Pliers (External Ring) 7" (L)</li> <li>DCAC1207 90° Retaining Ring Pliers (Internal Ring) 7" (L)</li> <li>DCAD1207 Straight Retaining Ring Pliers (Internal Ring) 7" (L)</li> </ul>	6 (SET)

**57PCS** Satin Chrome Finished  
1/2" DR. Socket & Ball Point Hex Key Wrench Set (METRIC & SAE)



ITEM NO.	CONTENTS	2 (SET)
GZA-5702	<ul style="list-style-type: none"> <li>BAEA1610-1632 1/2" Dr. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 29, 30, 32 mm</li> <li>BBEA1612-1640 1/2" Dr. 6PT Flank Sockets 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"</li> <li>CAHK1678 1/2" Dr. Super-Torque Universal Joint</li> <li>CAAA1605 &amp; 1610 1/2" Dr. Extension Bar 5" &amp; 10" (L)</li> <li>CTCJ1610 1/2" Dr. Sliding T-Handle with Quick Release - 10" (L)</li> <li>CFAC1618 1/2" Dr. Swivel Handle - 18" (L)</li> <li>CJRM1627 1/2" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release</li> <li>GAAL0916 Long Type Ball Point Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm</li> <li>GBAL0901 Long Type Ball Point Hex Key Wrench Set 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8"</li> </ul>	2 (SET)

**31PCS** Satin Chrome Finished  
15" Offset Standard Combination Wrench Set (METRIC & SAE)



ITEM NO.	CONTENTS	2 (SET)
GZA-3104	<ul style="list-style-type: none"> <li>AAEB0606-2424 Standard Combination Wrench 15" Offset 6, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 mm</li> <li>ACEB0608-3232 Standard Combination Wrench 15" Offset 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"</li> </ul>	2 (SET)

**18PCS**  
Combination Tool Set



ITEM NO.	CONTENTS	2 (SET)
GZA-1803	<ul style="list-style-type: none"> <li>SAAA3013 Heavy Duty Hack Saw</li> <li>DAAQ1A10 Curved Jaw Locking Pliers with Wire Cutters - 10" (L)</li> <li>GAAV0601 Pin Punch Set 2x8x115, 3x8x125, 4x10x150, 5x10x165, 6x12x180, 8x12x180 mm</li> <li>HAAC2440 Ball Peen Hammer (24 oz)</li> <li>FAAA1615 1/2" Dr. Impact Driver - 145 mm(L)</li> <li>FTAB1610 Quick Change Bit Holder 1/2" Dr. x 5/16" (H) - 38 mm(L)</li> <li>FSAC1008 &amp; 1010 5/16" Hex Shank Slotted Insert Bits 1.2x8 mm &amp; 1.6x10 mm - 38 mm(L)</li> <li>FSBC1002 &amp; 1003 5/16" Hex Shank Phillips Insert Bits PH2 &amp; PH3 - 38 mm(L)</li> <li>FBAB0315 Phillips Anti-Slip Screwdriver PH3x150</li> <li>FAAB0818 Slotted Anti-Slip Screwdriver 8x175 mm</li> <li>FAGB1020 Go-Thru Slotted Screwdriver 10x200 mm</li> </ul>	2 (SET)



**114PCS Professional Mechanical Tool Set W/3-Drawer Tool Chest**

(W)508 x (D)232 x (H)302 mm



ITEM NO. **GCAZ114A**

Satin Chrome Finished

**W/3-Drawer Tool Chest - 114PCS Mechanical Tool Set**

CONTENTS	DESCRIPTION
<b>TBAA0303</b>	3-Drawer Tool Chest - (W)508 x (D)232 x (H)302 mm
<b>BAEA0804-0813</b>	12 1/4" DR. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
<b>BAEE0808-0813</b>	5 1/4" DR. 6PT Flank Deep Sockets 8, 10, 13 mm
<b>BAEA1610-1632</b>	18 1/2" DR. 6PT Flank Sockets 10, 11, 12, 13, 14, 17, 19, 21, 22, 24, 27, 30, 32 mm
<b>BAEE1614-1619</b>	5 1/2" DR. 6PT Flank Deep Sockets 14, 17, 19 mm
<b>CJBG0815</b>	1 1/4" DR. 36 Teeth Reversible Ratchet Handle with Quick Release
<b>CJBG1627</b>	1 1/2" DR. 36 Teeth Reversible Ratchet Handle with Quick Release
<b>CTCK0811</b>	1 1/4" DR. Sliding T-Handle - 115 mm(L)
<b>CAAA0802 &amp; 0804</b>	1 1/4" DR. Extension Bar - 2" & 4" (L)
<b>CAAA1605 &amp; 1610</b>	1 1/2" DR. Extension Bar - 5" & 10" (L)
<b>CAHA0840 &amp; 1678</b>	1 1/4" & 1/2" DR. Universal Joint
<b>FTAB0808</b>	1 1/4" DR. x 1/4" (H) Quick Change Bit Holder
<b>CAIA0815</b>	1 1/4" DR. Spinner Handle - 150 mm(L)
<b>CAGA1216</b>	3/8" (F) x 1/2" (M) DR. 3-Way Adapter
<b>GAAV0701</b>	7 1/4" Hex Shank Hexagon Insert Bits FSDA0802-0808 - 2, 2.5, 3, 4, 5, 6, 8 mm
<b>GAAV0702</b>	7 1/4" Hex Shank Star Insert Bits FSEA0810-0840 - T10, T15, T20, T25, T27, T30, T40
<b>GAAV0703</b>	7 1/4" Hex Shank Star Tamperproof Insert Bits FSGA0810-0840 - T10, T15, T20, T25, T27, T30, T40
<b>GAAV0704</b>	7 1/4" Hex Shank Slotted Insert Bits FSA0804-086E - 4, 5.5, 6.5 mm
	1 1/4" Hex Shank Phillips Insert Bits FSBA0801 & 0802 - PH1 & PH2
	1 1/4" Hex Shank Pozidriv Insert Bits FSCA0801 & 0802 - PZ1 & PZ2
<b>AARW0606-1919</b>	14 Pro-Line Combination Wrench 15" Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
<b>GAAL0917</b>	8 Extra Long Ball Point Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm
<b>FBAB0006-0210</b>	3 Phillips Anti-Slip Screwdrivers PH0x60, PH1x80, PH2x100
<b>FBHB0315</b>	1 Phillips Anti-Slip Screwdriver (Hexagon Steel & Hexagon Driver) PH3x150
<b>FBBB0203</b>	1 Stubby Phillips Anti-Slip Screwdriver - PH2x25
<b>FAAB3E10-6E15</b>	4 Slotted Anti-Slip Screwdrivers 3.5x100, 4.0x100, 5.5x150, 6.5x150
<b>FAHB0818</b>	1 Slotted Anti-Slip Screwdriver (Hexagon Steel & Hexagon Driver) 8x175
<b>FABB6E03</b>	1 Stubby Slotted Anti-Slip Screwdriver - 6.5x25
<b>HAAA0330</b>	1 Engineers Hammer (300g)
<b>DBBB2207</b>	1 Combination Pliers - 7" (L)
<b>DEBC2207</b>	1 Heavy Duty Diagonal Cutting Pliers - 7" (L)
<b>DFBB2208</b>	1 Long Nose Pliers - 8" (L)
<b>GAAV0501</b>	1 Chisel Punch Set Pin Punch: 4x10x150 mm Cape Chisel: 5x10x130 mm Cold Chisel: 12x10x130 mm Taper Punch: 3x10x120 mm Center Punch: #2x10x120 mm

**114PCS MECHANICAL TOOL SET**



**99PCS Professional Mechanical Tool Set W/3-Drawer Tool Chest**

(W)508 x (D)232 x (H)302 mm



ITEM NO. **GCAZ0038**

Satin Chrome Finished

**W/3-Drawer Tool Chest - 99PCS Mechanical Tool Set**

CONTENTS	DESCRIPTION
<b>TBAA0303</b>	3-Drawer Tool Chest - (W)508 x (D)232 x (H)302 mm
<b>BAEA0804-0813</b>	12 1/4" DR. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
<b>BCLA0808-0840</b>	4 1/4" DR. Star Tamperproof Bit Sockets T8, T10, T15, T20, T25, T27, T30, T40
<b>CAHA0840</b>	1 1/4" DR. Universal Joint - 39 mm(L)
<b>CTCK0811</b>	1 1/4" DR. Sliding T-Handle - 115 mm(L)
<b>CAAA0802 &amp; 0804</b>	1 1/4" DR. Extension Bar - 2" & 4" (L)
<b>CJBG0815</b>	1 1/4" DR. 36 Teeth Reversible Ratchet Handle with Quick Release - 150 mm(L)
<b>CAIA0815</b>	1 1/4" DR. Spinner Handle - 150 mm(L)
<b>BAEA1610-1632</b>	18 1/2" DR. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 28, 30, 32 mm
<b>CAHA1678</b>	1 1/2" DR. Universal Joint - 71 mm(L)
<b>CTCK1625</b>	1 1/2" DR. Sliding T-Handle - 250 mm(L)
<b>CAAA1605 &amp; 1610</b>	1 1/2" DR. Extension Bar - 5" & 10" (L)
<b>CJBG1627</b>	1 1/2" DR. 36 Teeth Reversible Ratchet Handle with Quick Release - 268 mm(L)
<b>BAAT1616 &amp; 1621</b>	12 1/2" DR. Magnetic Spark Plug Sockets - 16 & 21 mm
<b>AAEW0808-1919</b>	10 Super Torque Combination Wrench 15" Offset 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
<b>HAAA0330</b>	1 Engineers Hammer (300g)
<b>FBAB0006-0210</b>	3 Phillips Anti-Slip Screwdrivers PH0x60, PH1x80, PH2x100
<b>FBHB0315</b>	1 Phillips Anti-Slip Screwdriver (Hexagon Steel & Hexagon Driver) PH3x150
<b>FBBB0203</b>	1 Stubby Phillips Anti-Slip Screwdriver - PH2x25
<b>FAAB3E10-6E15</b>	4 Slotted Anti-Slip Screwdrivers 3.5x100, 4x100, 5.5x150, 6.5x150
<b>FAHB0818</b>	1 Slotted Anti-Slip Screwdriver (Hexagon Steel & Hexagon Driver) 8x175
<b>FABB6E03</b>	1 Stubby Slotted Anti-Slip Screwdriver - 6.5x25
<b>DBBB2207</b>	1 Combination Pliers - 7" (L)
<b>DEBC2207</b>	1 Heavy Duty Diagonal Cutting Pliers - 7" (L)
<b>DFBB2208</b>	1 Long Nose Pliers - 8" (L)
<b>DDBA2210</b>	1 Box-Joint Water Pump Pliers - 10" (L)
<b>GAAL0914</b>	8 Long Type Star Key Wrench Set T10, T15, T20, T25, T27, T30, T40, T45, T50
<b>GAAL0917</b>	8 Extra Long Ball Point Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm

**99PCS MECHANICAL TOOL SET**





**82PCS Professional Mechanical Tool Set W/3-Drawer Tool Chest**

(W)508 x (D)232 x (H)302 mm



Satin Chrome Finished

**W/3-Drawer Tool Chest - 82PCS Mechanical Tool Set**

CONTENTS	DESCRIPTION
TBAA0303	3-Drawer Tool Chest - (W)508 x (D)232 x (H)302 mm
BAAE1207-1221	14 3/8" DR. 6PT Flank Sockets 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21 mm
BAEE1207-1221	14 3/8" DR. 6PT Flank Deep Sockets 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21 mm
BAAR1216 & 1221	2 3/8" DR. Spark Plug Sockets 16 & 21 mm
1 <sup>ST</sup> CAHK1254	1 3/8" DR. High-Torque Universal Joint - 52 mm(L)
CAAA1203-1210	1 3/8" DR. Extension Bar 3", 6", 10" (L)
CJHM1228	1 3/8" DR. 72 Teeth Ratchet Handle with Quick Release
CJBM1220	1 3/8" DR. 72 Teeth Ratchet Handle with Quick Release
CTCK1220	1 3/8" DR. Sliding T-Handle - 200 mm(L)
GAAL0917	1 Extra Long Type Ball Point Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm
AAEB0707-1515	1 Standard Combination Wrench 15" Offset 7, 8, 9, 10, 11, 12, 13, 14, 15 mm
2 <sup>ND</sup> AAEI0607-1617	1 Double Ring Wrench 75" Offset 6x7, 8x9, 10x11, 12x13, 14x15, 16x17 mm
AMAA3325	1 Paw Adjustable Wrench - 10" (L)
FBBB0203	1 Stubby Phillips Anti-Slip Screwdriver PH2x25
FABB5E03	1 Stubby Slotted Anti-Slip Screwdriver 5.5x25
3 <sup>RD</sup> FAGB5E10 & 6E15	2 Go-Thru Slotted Screwdrivers (Hexagon Steel & Hexagon Driver) 5.5x100 & 6.5x150
FBGB0210 & 0315	2 Go-Thru Phillips Screwdrivers (Hexagon Steel & Hexagon Driver) PH2x100 & PH3x150
AIEA1015-4021	1 L-Type Two Way Star & Tamperproof Key Wrench T10, T15, T20, T25, T30, T40
DCAA1205	1 90° Retaining Ring Pliers (External Ring) - 5" (L)
DCAB1205	1 Straight Retaining Ring Pliers (External Ring) - 5" (L)
DCAC1205	1 90° Retaining Ring Pliers (Internal Ring) - 5" (L)
DCAD1205	1 Straight Retaining Ring Pliers (Internal Ring) - 5" (L)
DDBA2210	1 Box-Joint Water Pump Pliers - 10" (L)
4 <sup>TH</sup> DEBB2206	1 Diagonal Cutting Pliers - 6" (L)
D BBB2206	1 Combination Pliers - 6" (L) <a href="#">ITEM NO. GCAZ0016</a>
DFBB2206	1 Long Nose Pliers - 6" (L)
D BBB2207	1 Combination Pliers - 7" (L)
DFBB2208	1 Long Nose Pliers - 8" (L) <a href="#">ITEM NO. GCAZ0047</a>

**82PCS MECHANICAL TOOL SET**



ITEM NO. GCAZ0016



ITEM NO. GCAZ0047

**82PCS Professional Mechanical Tool Set W/3-Drawer Tool Chest**

(W)508 x (D)232 x (H)302 mm



ITEM NO. GCAZ0024

Satin Chrome Finished

**W/3-Drawer Tool Chest - 82PCS Mechanical Tool Set**

CONTENTS	DESCRIPTION
TBAA0303	3-Drawer Tool Chest - (W)508 x (D)232 x (H)302 mm
BAAE1207-1221	14 3/8" DR. 6PT Flank Sockets 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21 mm
BAEE1207-1221	14 3/8" DR. 6PT Flank Deep Sockets 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21 mm
BAAR1216 & 1221	2 3/8" DR. Spark Plug Sockets 16 & 21 mm
1 <sup>ST</sup> CAHK1254	1 3/8" DR. High-Torque Universal Joint - 52 mm(L)
CAAA1203-1210	1 3/8" DR. Extension Bar 3", 6", 10" (L)
CJHM1228	1 3/8" DR. 72 Teeth Ratchet Handle with Quick Release
CJBM1220	1 3/8" DR. 72 Teeth Ratchet Handle with Quick Release
CTCK1220	1 3/8" DR. Sliding T-Handle - 200 mm(L)
GAAL0917	1 Extra Long Type Ball Point Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm
AAEB0707-1515	1 Standard Combination Wrench 15" Offset 7, 8, 9, 10, 11, 12, 13, 14, 15 mm
2 <sup>ND</sup> AAEI0607-1617	1 Double Ring Wrench 75" Offset 8x7, 8x9, 10x11, 12x13, 14x15, 16x17 mm
AMAA3325	1 Paw Adjustable Wrench 10" (L)
FBBB0203	1 Stubby Phillips Anti-Slip Screwdriver PH2x25
FABB5E03	1 Stubby Slotted Anti-Slip Screwdriver 5.5x25
3 <sup>RD</sup> FAGB5E10 & 6E15	2 Go-Thru Slotted Screwdrivers (Hexagon Steel & Hexagon Driver) 5.5x100 & 6.5x150
FBGB0210 & 0315	2 Go-Thru Phillips Screwdrivers (Hexagon Steel & Hexagon Driver) PH2x100 & PH3x150
AIEA1015-4021	1 L-Type Two Way Star & Tamperproof Key Wrench T10, T15, T20, T25, T30, T40
DCAA1205	1 90° Retaining Ring Pliers (External Ring) 5" (L)
DCAB1205	1 Straight Retaining Ring Pliers (External Ring) 5" (L)
DCAC1205	1 90° Retaining Ring Pliers (Internal Ring) 5" (L)
DCAD1205	1 Straight Retaining Ring Pliers (Internal Ring) 5" (L)
DDAA1210	1 Groove-Joint Water Pump Pliers 10" (L)
DFAB2206	1 Long Nose Pliers 6" (L)
DBAB2206	1 Combination Pliers 6" (L)
DEAB2206	1 Diagonal Cutting Pliers 6" (L)

**82PCS MECHANICAL TOOL SET**







# Professional Series

## Portable Tool Chest / Box

Heavy Duty Hinges & Fully Riveted  
3-Section Folded, Large Storage Capacity  
Reinforced Design W/Tubular Handle

## 62PCS Tool Chest Set

(W)470 x (D)220 x (H)350 mm



Tool Chest Set  
ITEM NO. GCAZ0057



# Tool Chest Set



20PCS GM-2020  
1/2" DR. Flank Socket Set



6PCS GM-0604  
1/2" DR. Extension Bar & Sliding T-Handle Set



3PCS GM-0301  
Pliers Assortment Set

### 62PCS Tool Chest Set

Satin Chrome Finished

	CONTENTS	DESCRIPTION
	TBAC0502	3-Section Portable Tool Chest
1	BAAE1610-1632	1/2" DR. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm
GM-2020	CMBG1627	1/2" DR. 36 Teeth Reversible Ratchet Handle with Quick Release
	CAHA1678	1/2" DR. Universal Joint
	BAAR1621	1/2" DR. Spark Plug Socket - 21mm
2	CAAF1602	1/2" DR. Extension Bar (Wobble) - 2" (L)
	CAAA1605 & 1610	1/2" DR. Extension Bar - 5" & 10" (L)
GM-0604	CTCK1630	1/2" DR. Sliding T-Handle - 12" (L)
	CFAC1615	1/2" DR. Swivel Handle - 15" (L)
3	DBBB2207	Combination Pliers - 7" (L)
GM-0301	DEBB2206	Diagonal Cutting Pliers - 6" (L)
	DFBB2206	Long Nose Pliers - 6" (L)
4	FAGB5E10-0818	Go-Thru Slotted Screwdrivers (Hexagon Steel & Hexagon Driver) 5.5x100, 6.5x150, 8x175
GM-0602	FBGB0108-0315	Go-Thru Phillips Screwdrivers (Hexagon Steel & Hexagon Driver) PH1x75, PH2x100, PH3x150
5	GAAL0917	Extra Long Type Ball Point Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm
GM-2017	AAEX0606-1616	Hi-Performance Combination Wrench 15" Offset 5, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 mm
6	AAEX1717-2424	Hi-Performance Combination Wrench 15" Offset 17, 18, 19, 20, 21, 22, 24 mm



6PCS GM-0602  
Go-Thru Slotted & Phillips Screwdriver Set  
(Hexagon Steel & Hexagon Driver)



20PCS GM-2017  
15" Offset Hi-Performance Combination Wrench &  
Extra Long Type Ball Point Hex Key Wrench Set



7PCS GM-0709  
15" Offset Hi-Performance Combination  
Wrench Set



# Tool Chest Set

## 94PCS Tool Chest Set

(W)470 x (D)220 x (H)350 mm



One EVA Form Tool Tray at the bottom of the tool chest set



ITEM NO: **GCAZ094A**

Satin Chrome Finished

// 94PCS Tool Chest Set

CONTENTS	DESCRIPTION
TBAC0502	3-Section Portable Tool Chest
BAEA0804-0813	19 1/4" DR. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
BAEA1208-1219	12 3/8" DR. 6PT Flank Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
CJBG0815 & 1220	2 1/4" & 3/8" DR. 36 Teeth Reversible Ratchet Handle with Quick Release
CTCK0811	1 1/4" DR. Sliding T-Handle - 115 mm(L)
CAHA0840 & 1254	2 1/4" & 3/8" DR. Universal Joint
CAAA0802 & 0804	2 1/4" DR. Extension Bar - 2" & 4" (L)
CAAA1203 & 1206	2 3/8" DR. Extension Bar - 3" & 6" (L)
CAIA0815	1 1/4" DR. Spinner Handle - 150 mm(L)
AABW1717-2424	7 Pro-Line Combination Wrench 15° Offset 17, 18, 19, 20, 21, 22, 24 mm
AABW0606-1616	11 Pro-Line Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 mm
GAAL0917	1 Extra Long Type Ball Point Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm
BAEA1610-1632	18 1/2" DR. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm
CJBG1627	1 1/2" DR. 36 Teeth Reversible Ratchet Handle with Quick Release
CAHA1678	1 1/2" DR. Universal Joint
CAAA1605 & 1610	2 1/2" DR. Extension Bar - 5" & 10" (L)
FAAB0410-0818	3 Slotted Anti-Slip Screwdrivers 4x100, 6.5x100, 8x175 mm
FBAB0108-0315	3 Phillips Anti-Slip Screwdrivers PH1x80, PH2x100, PH3x150
HAAA0330	1 Engineers Hammer (300g)
DFBB2206	1 Long Nose Pliers - 6" (L)
DEBB2206	1 Diagonal Cutting Pliers - 6" (L)
DBBB2207	1 Combination Pliers - 7" (L)
DDBA2210	1 Box-Joint Water Pump Pliers - 10" (L)

94PCS

## 111PCS Tool Chest Set

(W)470 x (D)220 x (H)350 mm



One EVA Form Tool Tray at the bottom of the tool chest set



ITEM NO: **GCAZ111A**

Satin Chrome Finished

// 111PCS Tool Chest Set

CONTENTS	DESCRIPTION
TBAC0502	3-Section Portable Tool Chest
BAEA0804-0813	19 1/4" DR. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
BAAE0806-0813	6 1/4" DR. 6PT Flank Deep Sockets 6, 7, 8, 10, 12, 13 mm
CJBG0815	1 1/4" DR. 36 Teeth Reversible Ratchet Handle with Quick Release
CTCK0811	1 1/4" DR. Sliding T-Handle - 115 mm(L)
CAAA0802 & 0804	2 1/4" DR. Extension Bar - 2" & 4" (L)
CAHA0840	1 1/4" DR. Universal Joint
CAIA0815	1 1/4" DR. Spinner Handle - 150 mm(L)
BCDA082E-0808	1 1/4" DR. Hex Bit Sockets - 2.5, 3, 4, 5, 6, 8 mm
BCFA0810-0840	7 1/4" DR. Star Bit Sockets T10, T15, T20, T25, T27, T30, T40
BCCA08P1-08P3	3 1/4" DR. Phillips Bit Sockets - PH1, PH2, PH3
BCBA08P1-08P3	3 1/4" DR. Pozzi Bit Sockets - PZ1, PZ2, PZ3
BCCA0804 & 0806	2 1/4" DR. Slotted Bit Sockets - 4 & 6.5 mm
GAAL0704	7 Long Type Ball Point Hex Key Wrench Set 2.5, 3, 4, 5, 6, 8, 10 mm
GAAL0706	7 Long Type Star Key Wrench Set T10, T15, T20, T25, T27, T30, T40
AABW2020-3232	4 Pro-Line Combination Wrench 15° Offset 20, 22, 24, 27, 30, 32 mm
AABW0806-1919	8 Pro-Line Combination Wrench 15° Offset 8, 10, 11, 12, 13, 14, 17, 19 mm
GAAV0501	3 Chisel Punch Set Pin Punch: 4x10x150 mm Cape Chisel: 5x10x130 mm Cold Chisel: 12x10x130 mm Taper Punch: 3x10x120 mm Center Punch: #2x10x120 mm
BAEA1610-1632	18 1/2" DR. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm
CJBG1627	1 1/2" DR. 36 Teeth Reversible Ratchet Handle with Quick Release
CAHA1678	1 1/2" DR. Universal Joint
CAAA1605 & 1610	2 1/2" DR. Extension Bar - 5" & 10" (L)
FAAB0410-0818	3 Slotted Anti-Slip Screwdrivers 4x100, 6.5x100, 8x175 mm
FBAB0108-0315	3 Phillips Anti-Slip Screwdrivers PH1x80, PH2x100, PH3x150
HAAA0330	1 Engineers Hammer (300g)
DFBB2206	1 Long Nose Pliers - 6" (L)
DEBB2206	1 Diagonal Cutting Pliers - 6" (L)
DBBB2207	1 Combination Pliers - 7" (L)
DDBA2210	1 Box-Joint Water Pump Pliers - 10" (L)



**63PCS Tool Chest Set**

(W)470 x (D)220 x (H)350 mm

ITEM NO. GCAZ0049

Satin Chrome Finished

**63PCS Tool Chest Set**

CONTENTS	DESCRIPTION
TBAC0501	3-Section Portable Tool Chest
1 GM-0603	<b>FAAB0410-0818</b> 3 Slotted Anti-Slip Screwdrivers 4x100, 6.5x100, 8x175 mm
	<b>FBAB0108-0315</b> 3 Phillips Anti-Slip Screwdrivers PH1x80, PH2x100, PH3x150
2 GM-0607	<b>AAEB2020-3232</b> Standard Combination Wrench 15" Offset 20, 22, 24, 27, 30, 32 mm
	<b>AAEB0808-1919</b> Standard Combination Wrench 15" Offset 8, 10, 11, 12, 13, 14, 17, 19 mm
3 GM-1314	<b>GAAV0501</b> Chisel Punch Set Pin Punch: 4x10x150 mm Cape Chisel: 5x10x130 mm Cold Chisel: 12x10x130 mm Taper Punch: 3x10x120 mm Center Punch: #2x10x120 mm
4 GM-2221	<b>BAEA1610-1632</b> 1/2" DR. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm
	<b>CJBG1627</b> 1/2" DR. 36 Teeth Reversible Ratchet Handle with Quick Release
	<b>CAHA1678</b> 1/2" DR. Universal Joint
	<b>CAAA1605 &amp; 1610</b> 1/2" DR. Extension Bar - 5" & 10" (L)
	<b>CFAC1615</b> 1/2" DR. Swivel Handle - 15" (L)
	<b>HAAC0830</b> Ball Peen Hammer (8 oz)
	<b>HAAB1038</b> Dead Blow Hammer (16 oz)
	<b>DDBA2210</b> Box-Joint Water Pump Pliers - 10" (L)
	<b>DFBB2206</b> Long Nose Pliers - 6" (L)
	<b>DEBB2206</b> Diagonal Cutting Pliers - 6" (L)
	<b>DBBB2207</b> Combination Pliers - 7" (L)
	<b>GAAL0916</b> Long Type Ball Point Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm



One EPE Form Tool Tray at the bottom of the tool chest set

**65PCS Tool Chest Set**

(W)470 x (D)220 x (H)350 mm

ITEM NO. GCAZ0048

Satin Chrome Finished

**65PCS Tool Chest Set**

CONTENTS	DESCRIPTION
TBAC0501	3-Section Portable Tool Chest
1 GM-0603	<b>FAAB0410-0818</b> 3 Slotted Anti-Slip Screwdrivers 4x100, 6.5x100, 8x175 mm
	<b>FBAB0108-0315</b> 3 Phillips Anti-Slip Screwdrivers PH1x80, PH2x100, PH3x150
2 GM-0811	<b>AAE10607-2022</b> Double Ring Wrench 75" Offset 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm
	<b>AAE10607-2022</b> Double Open End Wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm
3 GM-1315	<b>GAAV0501</b> Chisel Punch Set Pin Punch: 4x10x150 mm Cape Chisel: 5x10x130 mm Cold Chisel: 12x10x130 mm Taper Punch: 3x10x120 mm Center Punch: #2x10x120 mm
4 GM-2221	<b>BAEA1610-1632</b> 1/2" DR. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm
	<b>CJBG1627</b> 1/2" DR. 36 Teeth Reversible Ratchet Handle with Quick Release
	<b>CAHA1678</b> 1/2" DR. Universal Joint
	<b>CAAA1605 &amp; 1610</b> 1/2" DR. Extension Bar - 5" & 10" (L)
	<b>CFAC1615</b> 1/2" DR. Swivel Handle - 15" (L)
	<b>HAAC0830</b> Ball Peen Hammer (8 oz)
	<b>HAAB1038</b> Dead Blow Hammer (16 oz)
	<b>DDBA2210</b> Box-Joint Water Pump Pliers - 10" (L)
	<b>DFBB2206</b> Long Nose Pliers - 6" (L)
	<b>DEBB2206</b> Diagonal Cutting Pliers - 6" (L)
	<b>DBBB2207</b> Combination Pliers - 7" (L)
	<b>GAAL0916</b> Long Type Ball Point Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm



One EPE Form Tool Tray at the bottom of the tool chest set

**63PCS Tool Chest Set**

(W)470 x (D)220 x (H)350 mm

ITEM NO. GCAZ0039

Satin Chrome Finished

**63PCS Tool Chest Set**

CONTENTS	DESCRIPTION
TBAC0501	3-Section Portable Tool Chest
1 GM-0603	<b>FAAB0410-0818</b> 3 Slotted Anti-Slip Screwdrivers 4x100, 6.5x100, 8x175 mm
	<b>FBAB0108-0315</b> 3 Phillips Anti-Slip Screwdrivers PH1x80, PH2x100, PH3x150
2 GM-0607	<b>AAEB2020-3232</b> Standard Combination Wrench 15" Offset 20, 22, 24, 27, 30, 32 mm
	<b>AAEB0808-1919</b> Standard Combination Wrench 15" Offset 8, 10, 11, 12, 13, 14, 17, 19 mm
3 GM-1314	<b>GAAV0501</b> Chisel Punch Set Pin Punch: 4x10x150 mm Cape Chisel: 5x10x130 mm Cold Chisel: 12x10x130 mm Taper Punch: 3x10x120 mm Center Punch: #2x10x120 mm
4 GM-2221	<b>BAEA1610-1632</b> 1/2" DR. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm
	<b>CJBG1627</b> 1/2" DR. 36 Teeth Reversible Ratchet Handle with Quick Release
	<b>CAHA1678</b> 1/2" DR. Universal Joint
	<b>CAAA1605 &amp; 1610</b> 1/2" DR. Extension Bar - 5" & 10" (L)
	<b>CFAC1615</b> 1/2" DR. Swivel Handle - 15" (L)
	<b>HAAA0330</b> Engineers Hammer (300g)
	<b>HAAB1038</b> Dead Blow Hammer (16 oz)
	<b>DDBA2210</b> Box-Joint Water Pump Pliers - 10" (L)
	<b>DFBB2206</b> Long Nose Pliers - 6" (L)
	<b>DEBB2206</b> Diagonal Cutting Pliers - 6" (L)
	<b>DBBB2207</b> Combination Pliers - 7" (L)
	<b>GAAL0916</b> Long Type Ball Point Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm



**65PCS Tool Chest Set**

(W)470 x (D)220 x (H)350 mm

ITEM NO. GCAZ0003

Satin Chrome Finished

**65PCS Tool Chest Set**

CONTENTS	DESCRIPTION
TBAC0501	3-Section Portable Tool Chest
1 GM-0603	<b>FAAB0410-0818</b> 3 Slotted Anti-Slip Screwdrivers 4x100, 6.5x100, 8x175 mm
	<b>FBAB0108-0315</b> 3 Phillips Anti-Slip Screwdrivers PH1x80, PH2x100, PH3x150
2 GM-0811	<b>AAE10607-2022</b> Double Ring Wrench 75" Offset 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm
	<b>AAE10607-2022</b> Double Open End Wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm
3 GM-1315	<b>GAAV0501</b> Chisel Punch Set Pin Punch: 4x10x150 mm Cape Chisel: 5x10x130 mm Cold Chisel: 12x10x130 mm Taper Punch: 3x10x120 mm Center Punch: #2x10x120 mm
4 GM-2221	<b>BAEA1610-1632</b> 1/2" DR. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm
	<b>CJBG1627</b> 1/2" DR. 36 Teeth Reversible Ratchet Handle with Quick Release
	<b>CAHA1678</b> 1/2" DR. Universal Joint
	<b>CAAA1605 &amp; 1610</b> 1/2" DR. Extension Bar - 5" & 10" (L)
	<b>AMAA3325</b> Paw Adjustable Wrench - 10" (L)
	<b>HAAA0330</b> Engineers Hammer (300g)
	<b>HAAB1038</b> Dead Blow Hammer (16 oz)
	<b>DDBA2210</b> Box-Joint Water Pump Pliers - 10" (L)
	<b>DFBB2206</b> Long Nose Pliers - 6" (L)
	<b>DEBB2206</b> Diagonal Cutting Pliers - 6" (L)
	<b>DBBB2207</b> Combination Pliers - 7" (L)
	<b>GAAL0910</b> Short Type Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm





**TOOL TRAY SET**

**7PCS** Satin Chrome Finished  
15° Offset Super-Torque Combination Wrench Set



ITEM NO.	CONTENTS	6 (SET)
GM-0708	AAEW1717-2424 Super-Torque Combination Wrench 15° Offset 17, 18, 19, 20, 21, 22, 24 mm	

**6PCS** Satin Chrome Finished  
15° Offset Super-Torque Combination Wrench Set



ITEM NO.	CONTENTS	6 (SET)
GM-0605	AAEW2020-3232 Super-Torque Combination Wrench 15° Offset 20, 22, 24, 27, 30, 32 mm	

**8PCS** Satin Chrome Finished  
75° Offset Double Ring Wrench Set



ITEM NO.	CONTENTS	6 (SET)
GM-0811	AAEJ0607-2022 Double Ring Wrench 75° Offset 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm	

**7PCS** Satin Chrome Finished  
15° Offset Hi-Performance Combination Wrench Set



ITEM NO.	CONTENTS	6 (SET)
GM-0709	AAEX1717-2424 Hi-Performance Combination Wrench 15° Offset 17, 18, 19, 20, 21, 22, 24 mm	

**6PCS** Satin Chrome Finished  
15° Offset Hi-Performance Combination Wrench Set



ITEM NO.	CONTENTS	6 (SET)
GM-0606	AAEX2020-3232 Hi-Performance Combination Wrench 15° Offset 20, 22, 24, 27, 30, 32 mm	

**20PCS** Satin Chrome Finished  
15° Offset Super-Torque Combination Wrench & Extra Long Type Ball Point Hex Key Wrench Set



ITEM NO.	CONTENTS	6 (SET)
GM-2016	AAEW0606-1616 Super-Torque Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 mm GAAL0917 Extra Long Type Ball Point Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm	

**7PCS** Satin Chrome Finished  
15° Offset Standard Combination Wrench Set



ITEM NO.	CONTENTS	6 (SET)
GM-0710	AAEB1717-2424 Standard Combination Wrench 15° Offset 17, 18, 19, 20, 21, 22, 24 mm	

**6PCS** Satin Chrome Finished  
15° Offset Standard Combination Wrench Set



ITEM NO.	CONTENTS	6 (SET)
GM-0607	AAEB2020-3232 Standard Combination Wrench 15° Offset 20, 22, 24, 27, 30, 32 mm	

**20PCS** Satin Chrome Finished  
15° Offset Hi-Performance Combination Wrench & Extra Long Type Ball Point Hex Key Wrench Set



ITEM NO.	CONTENTS	6 (SET)
GM-2017	AAEX0606-1616 Hi-Performance Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 mm GAAL0917 Extra Long Type Ball Point Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm	

**7PCS** Satin Chrome Finished  
15° Offset Pro-Line Combination Wrench Set



ITEM NO.	CONTENTS	6 (SET)
GM-0727	AABW1717-2424 Pro-Line Combination Wrench 15° Offset 17, 18, 19, 20, 21, 22, 24 mm	

**6PCS** Satin Chrome Finished  
15° Offset Pro-Line Combination Wrench Set



ITEM NO.	CONTENTS	6 (SET)
GM-0626	AABW2020-3232 Pro-Line Combination Wrench 15° Offset 20, 22, 24, 27, 30, 32 mm	



**TOOL TRAY SET**

**20PCS** Satin Chrome Finished  
15° Offset Standard Combination Wrench & Extra Long Type Ball Point Hex Key Wrench Set



ITEM NO.	CONTENTS	6 (SET)
GM-2018	AAEB0606-1616 Standard Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 mm GAAL0917 Extra Long Type Ball Point Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm	

**13PCS** Satin Chrome Finished  
15° Offset Super-Torque Combination Wrench & Chisel Punch Set



ITEM NO.	CONTENTS	6 (SET)
GM-1312	AAEW0808-1919 Super-Torque Combination Wrench 15° Offset 8, 10, 11, 12, 13, 14, 17, 19 mm GAAV0501 Chisel Punch Set Pin Punch: 4x10x150 mm Cape Chisel: 5x10x130 mm Cold Chisel: 12x10x130 mm Taper Punch: 3x10x120 mm Center Punch: #2x10x120 mm	

**13PCS** Satin Chrome Finished  
Double Open End Wrench & Chisel Punch Set



ITEM NO.	CONTENTS	6 (SET)
GM-1215	AAEJ0607-2022 Double Open End Wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm GAAV0501 Chisel Punch Set Pin Punch: 4x10x150 mm Cape Chisel: 5x10x130 mm Cold Chisel: 12x10x130 mm Taper Punch: 3x10x120 mm Center Punch: #2x10x120 mm	

**20PCS** Satin Chrome Finished  
15° Offset Pro-Line Combination Wrench & Extra Long Type Ball Point Hex Key Wrench Set



ITEM NO.	CONTENTS	6 (SET)
GM-2029	AABW0606-1616 Pro-Line Combination Wrench 15° Offset 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 mm GAAL0917 Extra Long Type Ball Point Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm	

**13PCS** Satin Chrome Finished  
15° Offset Hi-Performance Combination Wrench & Chisel Punch Set



ITEM NO.	CONTENTS	6 (SET)
GM-1313	AAEX0808-1919 Hi-Performance Combination Wrench 15° Offset 8, 10, 11, 12, 13, 14, 17, 19 mm GAAV0501 Chisel Punch Set Pin Punch: 4x10x150 mm Cape Chisel: 5x10x130 mm Cold Chisel: 12x10x130 mm Taper Punch: 3x10x120 mm Center Punch: #2x10x120 mm	

**6PCS**  
Go-Thru Slotted & Phillips Screwdriver Set (Hexagon Steel & Hexagon Driver)



ITEM NO.	CONTENTS	6 (SET)
GM-0602	FAGB5E10-0818 Go-Thru Slotted Screwdrivers (Hexagon Steel & Hexagon Driver) 5.5x100, 6.5x150, 8x175 FBGB0108-0315 Go-Thru Phillips Screwdrivers (Hexagon Steel & Hexagon Driver) PH1x75, PH2x100, PH3x150	

**13PCS** Satin Chrome Finished  
15° Offset Pro-Line Combination Wrench & Chisel Punch Set



ITEM NO.	CONTENTS	6 (SET)
GM-1328	AABW0808-1919 Pro-Line Combination Wrench 15° Offset 8, 10, 11, 12, 13, 14, 17, 19 mm GAAV0501 Chisel Punch Set Pin Punch: 4x10x150 mm Cape Chisel: 5x10x130 mm Cold Chisel: 12x10x130 mm Taper Punch: 3x10x120 mm Center Punch: #2x10x120 mm	

**13PCS** Satin Chrome Finished  
15° Offset Standard Combination Wrench & Chisel Punch Set



ITEM NO.	CONTENTS	6 (SET)
GM-1314	AAEB0808-1919 Standard Combination Wrench 15° Offset 8, 10, 11, 12, 13, 14, 17, 19 mm GAAV0501 Chisel Punch Set Pin Punch: 4x10x150 mm Cape Chisel: 5x10x130 mm Cold Chisel: 12x10x130 mm Taper Punch: 3x10x120 mm Center Punch: #2x10x120 mm	

**6PCS**  
Slotted & Phillips Screwdriver Set



ITEM NO.	CONTENTS	6 (SET)
GM-0603	FAAB0410-0818 Slotted Anti-Slip Screwdrivers 4x100, 6.5x100, 8x175 FBAB0108-0315 Phillips Anti-Slip Screwdrivers PH1x80, PH2x100, PH3x150	

**3PCS**  
Pliers Assortment Set



ITEM NO.	CONTENTS	6 (SET)
GM-0301	DBBB2207 Combination Pliers - 7" (L) DEBB2206 Diagonal Cutting Pliers - 6" (L) DFBB2206 Long Nose Pliers - 6" (L)	



**TOOL TRAY SET**



**TOPTUL**  
Professional Grade Socket Set

**34PCS** Satin Chrome Finished  
1/4" & 3/8" DR. Flank Socket Set



ITEM NO.	CONTENTS
GM-3432 (6PT)	<ul style="list-style-type: none"> <li>12 BAEA0804-0813 1/4" Dr. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm</li> <li>12 BAEA1208-1219 3/8" Dr. 6PT Flank Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm</li> <li>2 CJBG0815 &amp; 1220 1/4" &amp; 3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release</li> <li>1 CTCK0811 1/4" Dr. Sliding T-Handle</li> <li>2 CAHA0840 &amp; 1254 1/4" &amp; 3/8" Dr. Universal Joint</li> <li>2 CAAA0802 &amp; 0804 1/4" Dr. Extension Bar - 2" &amp; 4" (L)</li> <li>2 CAAA1203 &amp; 1206 3/8" Dr. Extension Bar - 3" &amp; 6" (L)</li> <li>1 CAIA0815 1/4" Dr. Spinner Handle</li> </ul>

**59PCS** Satin Chrome Finished  
1/4" DR. Flank Socket Set



ITEM NO.	CONTENTS
GM-5930 (6PT)	<ul style="list-style-type: none"> <li>12 BAEA0804-0813 1/4" Dr. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm</li> <li>6 BAE0806-0813 1/4" Dr. 6PT Flank Deep Sockets 8, 7, 8, 10, 12, 13 mm</li> <li>1 CJBG0815 1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release</li> <li>1 CTCK0811 1/4" Dr. Sliding T-Handle</li> <li>2 CAAA0802 &amp; 0804 1/4" Dr. Extension Bar - 2" &amp; 4" (L)</li> <li>1 CAHA0840 1/4" Dr. Universal Joint</li> <li>1 CAIA0815 1/4" Dr. Spinner Handle</li> <li>6 BCDA082E-0808 1/4" Dr. Hex Bit Sockets 2.5, 3, 4, 5, 6, 8 mm</li> <li>7 BCFA0810-0840 1/4" Dr. Star Bit Sockets T10, T15, T20, T25, T27, T30, T40</li> <li>3 BCAA08P1-08P3 1/4" Dr. Phillips Bit Sockets PH1, PH2, PH3</li> <li>2 BCCA0804 &amp; 0806 1/4" Dr. Slotted Bit Sockets 4 &amp; 6.5 mm</li> <li>3 BCBA08P1-08P3 1/4" Dr. Pozzi Bit Sockets PZ1, PZ2, PZ3</li> <li>7 GAAL0704 Long Type Ball Point Hex Key Wrench Set 2.5, 3, 4, 5, 6, 8, 10 mm</li> <li>7 GAAL0706 Long Type Star Key Wrench Set T10, T15, T20, T25, T27, T30, T40</li> </ul>
GM-5934 (12PT)	<ul style="list-style-type: none"> <li>12 BAEA1610-1632 1/2" Dr. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm</li> <li>1 CJBG1627 1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release</li> <li>1 CAHA1678 1/2" Dr. Universal Joint</li> </ul>

**20PCS** Satin Chrome Finished  
1/2" DR. Flank Socket Set



ITEM NO.	CONTENTS
GM-2019 (6PT)	<ul style="list-style-type: none"> <li>12 BAEA1610-1632 1/2" Dr. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm</li> <li>1 CJBG1627 1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release</li> <li>1 CAHA1678 1/2" Dr. Universal Joint</li> </ul>
GM-2022 (12PT)	<ul style="list-style-type: none"> <li>1 CJBG1627 1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release</li> <li>1 CAHA1678 1/2" Dr. Universal Joint</li> </ul>

**20PCS** Satin Chrome Finished  
1/2" DR. Flank Socket Set



ITEM NO.	CONTENTS
GM-2020 (6PT)	<ul style="list-style-type: none"> <li>12 BAEA1610-1632 1/2" Dr. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm</li> <li>1 CJBG1627 1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release</li> <li>1 CAHA1678 1/2" Dr. Universal Joint</li> </ul>
GM-2023 (12PT)	<ul style="list-style-type: none"> <li>1 CJBG1627 1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release</li> <li>1 CAHA1678 1/2" Dr. Universal Joint</li> </ul>

**22PCS** Satin Chrome Finished  
1/2" DR. Flank Socket Set



ITEM NO.	CONTENTS
GM-2221 (6PT)	<ul style="list-style-type: none"> <li>12 BAEA1610-1632 1/2" Dr. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm</li> <li>1 CJBG1627 1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release</li> <li>1 CAHA1678 1/2" Dr. Universal Joint</li> <li>2 CAAA1605 &amp; 1610 1/2" Dr. Extension Bar - 5" &amp; 10" (L)</li> </ul>
GM-2224 (12PT)	<ul style="list-style-type: none"> <li>1 CJBG1627 1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release</li> <li>1 CAHA1678 1/2" Dr. Universal Joint</li> <li>2 CAAA1605 &amp; 1610 1/2" Dr. Extension Bar - 5" &amp; 10" (L)</li> </ul>

**6PCS** Satin Chrome Finished  
1/2" DR. Extension Bar & Sliding T-Handle Set



ITEM NO.	CONTENTS
GM-0604	<ul style="list-style-type: none"> <li>1 BAAR1621 1/2" Dr. Spark Plug Socket - 21 mm</li> <li>1 CAAF1602 1/2" Dr. Extension Bar (Wobble) - 2" (L)</li> <li>2 CAAA1605 &amp; 1610 1/2" Dr. Extension Bar - 5" &amp; 10" (L)</li> <li>1 CTCK1630 1/2" Dr. Sliding T-Handle - 12" (L)</li> <li>1 CFAC1615 1/2" Dr. Swivel Handle - 15" (L)</li> </ul>

**31PCS**

**Tool Box Set**

ITEM NO. GCAZ0025  
(W)445 x (D)240 x (H)202 mm



**31PCS Tool Box Set** Satin Chrome Finished

CONTENTS	DESCRIPTION
TBAE0301	Tool Box - (W)445 x (D)240 x (H)202 mm
IAAC1903M	Heavy Duty Metric Measuring Tape - 3M
DEBB2206	Diagonal Cutting Pliers - 6" (L)
DBBB2207	Combination Pliers - 7" (L)
DDAA1210	Groove-Joint Water Pump Pliers - 10" (L)
DJAA1210	Tower Pincers - 10" (L)
FAAB0308-6E15	Slotted Anti-Slip Screwdrivers 3x75, 4x100, 5.5x100, 6.5x150 mm
FBAB0110 & 0215	Phillips Anti-Slip Screwdrivers PH1x100 & PH2x150 mm
GAAC0802	Double Open End Wrench Set 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm
GAAL0910	Short Type Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm
HAAA0330	Engineers Hammer (300g)
SBA0414	Multi-Purpose Electricians Scissors - 138 mm(L)
SCAA2017	Heavy Duty Utility Knife with Spare Blade - 165 mm(L)

**43PCS** Tool Bag Set

ITEM NO. GPN-043A  
(W)365 x (D)200 x (H)65 mm



**43PCS Tool Bag Set** Satin Chrome Finished

CONTENTS	DESCRIPTION
PPC43372000	Tool Bag - (W)365 x (D)200 x (H)65 mm
GAAU1301	<ul style="list-style-type: none"> <li>13 1/4" DR. Socket Rail Set</li> <li>1/4" DR. 6PT Flank Sockets 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm</li> <li>1/4" DR. Universal Joint</li> <li>1/4" DR. x 1/4" (H) Quick Change Bit Holder</li> <li>10 1/4" Hex Shank Screwdriver Bit Set</li> <li>1/4" (H) Star Insert Bits T10, T15, T20, T25, T27, T30, T40</li> <li>1/4" (H) Pozzi Insert Bits PZ1, PZ2, PZ3</li> </ul>
GAAV1002	<ul style="list-style-type: none"> <li>1 Stubby Phillips Anti-Slip Screwdriver - PH2x25 mm</li> <li>1 Phillips Anti-Slip Screwdriver - PH0x60 mm</li> <li>1 Phillips Anti-Slip Screwdriver - PH1x100 mm</li> <li>1 Phillips Anti-Slip Screwdriver - PH2x150 mm</li> <li>1 Stubby Slotted Anti-Slip Screwdriver - 6.5x25 mm</li> <li>1 Slotted Anti-Slip Screwdriver - 3.0x75 mm</li> <li>1 Slotted Anti-Slip Screwdriver - 6.5x150 mm</li> <li>1 1/4" DR. Spinner Handle</li> <li>1 7-in-1 Folding Hex Key Set - 2.5, 3, 4, 5, 6, 8, 10 mm</li> <li>1 Adjustable Wrench - 8" (L)</li> <li>1 Combination Pliers - 7" (L)</li> <li>1 Box-Joint Water Pump Pliers - 10" (L)</li> <li>1 Utility Knife with Spare Blade</li> <li>1 Heavy Duty Metric Measuring Tape - 5M</li> </ul>

**19PCS**

**Tool Bag Set**

ITEM NO. GPN-019A  
(W)360 x (D)200 x (H)45 mm



**19PCS Tool Bag Set** Satin Chrome Finished

CONTENTS	DESCRIPTION
PPC19362000	Tool Bag - (W)360 x (D)200 x (H)45 mm
FAIB1805-0305	<ul style="list-style-type: none"> <li>3 Precision Slotted Screwdrivers 1.2x50, 1.5x50, 2x50, 2.5x50, 3x50</li> <li>4 Precision Star Screwdrivers T5, T6, T7, T8</li> <li>3 Precision Phillips Screwdrivers PH0x50, PH00x50, PH000x50</li> <li>1 Pro-Series Electronics Combination Pliers - 5" (L)</li> <li>1 Pro-Series Electronics Long Nose Pliers - 6" (L)</li> <li>1 Pro-Series Electronics Bent Nose Pliers - 6" (L)</li> <li>1 Pro-Series Electronics Diagonal Cutting Pliers - 5" (L)</li> <li>1 Pro-Series Electronics End Cutter Pliers - 5" (L)</li> <li>1 Tweezers - Stainless Steel Curved</li> <li>1 Tweezers - Stainless Steel Straight</li> </ul>
FFIB0505-0805	<ul style="list-style-type: none"> <li>1 Precision Star Screwdrivers T5, T6, T7, T8</li> </ul>
FBIB1005-3005	<ul style="list-style-type: none"> <li>3 Precision Phillips Screwdrivers PH0x50, PH00x50, PH000x50</li> <li>1 Pro-Series Electronics Combination Pliers - 5" (L)</li> <li>1 Pro-Series Electronics Long Nose Pliers - 6" (L)</li> <li>1 Pro-Series Electronics Bent Nose Pliers - 6" (L)</li> <li>1 Pro-Series Electronics Diagonal Cutting Pliers - 5" (L)</li> <li>1 Pro-Series Electronics End Cutter Pliers - 5" (L)</li> <li>1 Tweezers - Stainless Steel Curved</li> <li>1 Tweezers - Stainless Steel Straight</li> </ul>
DBCC2205	Pro-Series Electronics Combination Pliers - 5" (L)
DFCJ2206	Pro-Series Electronics Long Nose Pliers - 6" (L)
DFCK2206	Pro-Series Electronics Bent Nose Pliers - 6" (L)
DECD2205	Pro-Series Electronics Diagonal Cutting Pliers - 5" (L)
DJCB2205	Pro-Series Electronics End Cutter Pliers - 5" (L)
JJAV0212	Tweezers - Stainless Steel Curved
JJAV0312	Tweezers - Stainless Steel Straight

**43PCS** Tool Bag Set

ITEM NO. GPN-043C  
(W)365 x (D)200 x (H)65 mm



**43PCS Tool Bag Set** Satin Chrome Finished

CONTENTS	DESCRIPTION
PPC43372000	Tool Bag - (W)365 x (D)200 x (H)65 mm
GAAU1301	<ul style="list-style-type: none"> <li>13 1/4" DR. Socket Rail Set</li> <li>1/4" DR. 6PT Flank Sockets 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm</li> <li>1/4" DR. Universal Joint</li> <li>1/4" DR. x 1/4" (H) Quick Change Bit Holder</li> <li>10 1/4" Hex Shank Screwdriver Bit Set</li> <li>1/4" (H) Star Insert Bits T10, T15, T20, T25, T27, T30, T40</li> <li>1/4" (H) Pozzi Insert Bits PZ1, PZ2, PZ3</li> </ul>
GAAV1002	<ul style="list-style-type: none"> <li>1 Stubby Phillips Anti-Slip Screwdriver - PH2x25 mm</li> <li>1 Phillips Anti-Slip Screwdriver - PH0x60 mm</li> <li>1 Phillips Anti-Slip Screwdriver - PH1x100 mm</li> <li>1 Phillips Anti-Slip Screwdriver - PH2x150 mm</li> <li>1 Stubby Slotted Anti-Slip Screwdriver - 6.5x25 mm</li> <li>1 Slotted Anti-Slip Screwdriver - 3.0x75 mm</li> <li>1 Slotted Anti-Slip Screwdriver - 6.5x150 mm</li> <li>1 1/4" DR. Spinner Handle</li> <li>1 7-in-1 Folding Hex Key Set - 2.5, 3, 4, 5, 6, 8, 10 mm</li> <li>1 Adjustable Wrench - 8" (L)</li> <li>1 Combination Pliers - 7" (L)</li> <li>1 Curved Jaw Locking Pliers with Wire Cutters - 10" (L)</li> <li>1 Utility Knife with Spare Blade</li> <li>1 Heavy Duty Metric Measuring Tape - 3M</li> </ul>



**104PCS Professional Mechanical Tool Set**

**NEW**

(W)412 x (D)322 x (H)163 mm



• Sturdy ABS Plastic Tool Box

ITEM NO. **GCZ-104A**

Satin Chrome Finished

**104PCS Professional Mechanical Tool Set**

ITEM NO.	DESCRIPTION
TBBE0201	Interlocking Tool Box - (W)412 x (D)322 x (H)163 mm
FBAD0110 & 0210	Pro-Series Phillips Anti-Slip Screwdrivers PH1x100 & PH2x100
FAAD0410-6E15	Pro-Series Slotted Anti-Slip Screwdrivers 4x100, 5.5x100, 6.5x150
1 <sup>ST</sup> DEBB2206	Diagonal Cutting Pliers - 6" (L)
DBBB2207	Combination Pliers - 7" (L)
DFBB2208	Long Nose Pliers - 8" (L)
DDAA1210	Groove-Joint Water Pump Pliers - 10" (L)
FBBB0203	Stubby Phillips Anti-Slip Screwdrivers - PH2x25
FABB6E03	Stubby Slotted Anti-Slip Screwdrivers - 6.5x25
SCAD1817	Utility Knife with Spare Blade
IAAC1905M	Heavy Duty Metric Measuring Tape - 5M
AMAB3325	Heavy Duty Adjustable Wrench - 10" (L)
HAAA0330	Engineers Hammer (300g)
2 <sup>ND</sup> JJAG3E63	Telescoping Magnetic Pick-Up Tool
GAAY0501	Chisel Punch Set Pin Punch: 4x10x150 mm Cape Chisel: 5x10x130 mm Cold Chisel: 12x10x130 mm Taper Punch: 3x10x120 mm Center Punch: #2x10x120 mm
GSN-09SH	Short Type Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm
BAAE1610-1632	1/2" Dr. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm
3 <sup>RD</sup> CAAA1605	1/2" Dr. Extension Bar - 5" (L)
CAHA1678	1/2" Dr. Universal Joint
CJFM1627	1/2" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release

GSAX1201

12PCS 15" Offset Hi-Performance Combination Wrench Set  
AAEX0808-1919  
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm

GADW4101

41PCS 1/4" Dr. Flank Socket Set  
BAEA0804-0814  
1/4" Dr. 6PT Flank Sockets  
4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm  
CAAA0802 & 0804  
1/4" Dr. Extension Bar - 2" & 4" (L)  
CAHA0840  
1/4" Dr. Universal Joint  
CAIP0814  
1/4" Dr. Spinner Handle  
S135  
1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release  
FTAB0808  
1/4" Dr. x 1/4" (H) Quick Change Bit Holder (L=25mm)  
FSKA0808  
1/4" (H) x 1/4" Dr. Socket Adapter (L=25mm)  
FSBA0801-0803  
1/4" Hex Shank Phillips Insert Bits (L=25mm)  
PH1, PH2, PH3  
FSCA0801-0803  
1/4" Hex Shank Pozl Insert Bits (L=25mm)  
PZ1, PZ2, PZ3  
FSAAD84E-0808  
1/4" Hex Shank Slotted Insert Bits (L=25mm)  
4.5, 6.5, 8 mm  
FSDA0803-0808  
1/4" Hex Shank Hexagon Insert Bits (L=25mm)  
3, 4, 5, 6, 8 mm  
FSGA0810-0840  
1/4" Hex Shank Star Tamperproof Insert Bits (L=25mm)  
T10, T15, T20, T25, T27, T30, T40



ITEM NO. **TBAB0304**

**189PCS**

**1/2" DR. Socket Shelf Set**

(W)420 x (D)335 x (H)320 mm

**189PCS 1/2" DR. Socket Shelf Set**

Satin Chrome Finished

ITEM NO.	DESCRIPTION
TBAB0304	Socket Shelf - (W)420 x (D)335 x (H)320 mm
GAAY0011	1/2" Dr. 6PT Flank Sockets 08-17mm x 9pcs, 18-22mm x 8pcs, 23-27mm x 7pcs, 28-32pcs x 6pcs

**130PCS**

**1/2" DR. Socket Display Set**

(W)585 x (D)110 x (H)430 mm

**130PCS 1/2" DR. Socket Display Set**

ITEM NO.	DESCRIPTION
TBAB0800	Metal Socket Storage - (W)585 x (D)110 x (H)430 mm
GAAY0005	1/2" Dr. 6PT Flank Sockets 10-14mm x 10pcs, 17mm x 9pcs, 19mm x 9pcs, 21-22mm x 8pcs, 23-24mm x 7pcs, 26-27mm x 7pcs, 29-30mm x 6pcs, 32mm x 6pcs



**130PCS**

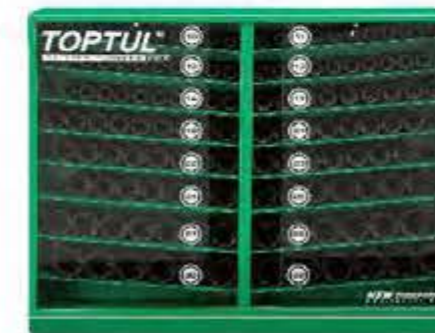
**1/2" DR. Impact Socket Display Set**

(W)585 x (D)110 x (H)430 mm

Black Phosphate Finished

**130PCS 1/2" DR. Impact Socket Display Set**

ITEM NO.	DESCRIPTION
TBAB0800	Metal Socket Storage - (W)585 x (D)110 x (H)430 mm
GAAY0007	1/2" Dr. 6PT Flank Impact Sockets 10-14mm x 10pcs, 17mm x 9pcs, 19mm x 9pcs, 21-22mm x 8pcs, 23-24mm x 7pcs, 26-27mm x 7pcs, 29-30mm x 6pcs, 32mm x 6pcs



**96PCS**

**Standard & Heavy Duty Screwdriver Shelf Set**

(W)602 x (D)240 x (H)210 mm

**96PCS Standard & Heavy Duty Screwdriver Shelf Set**

ITEM NO.	DESCRIPTION																		
TDAI6021	Screwdriver Shelf - (W)602 x (D)240 x (H)210 mm																		
GAAY0008	<table border="0"> <tr> <td>FBAB0006 - 6pcs PH0x60mm</td> <td>FAAB0308 - 6pcs 3x75mm</td> </tr> <tr> <td>FBAB0108 - 6pcs PH1x80mm</td> <td>FAAB3E10 - 6pcs 3.5x100mm</td> </tr> <tr> <td>FBAB0110 - 6pcs PH1x100mm</td> <td>FAAB0410 - 6pcs 4x100mm</td> </tr> <tr> <td>FBAB0210 - 6pcs PH2x100mm</td> <td>FAAB5E10 - 6pcs 5.5x100mm</td> </tr> <tr> <td>FBAB0215 - 6pcs PH2x150mm</td> <td>FAAB5E15 - 6pcs 5.5x150mm</td> </tr> <tr> <td>FBAB0315 - 6pcs PH3x150mm</td> <td>FAAB6E10 - 6pcs 6.5x100mm</td> </tr> <tr> <td>FBBB0203 - 6pcs PH2x25mm</td> <td>FAAB6E15 - 6pcs 6.5x150mm</td> </tr> <tr> <td></td> <td>FAAB0818 - 6pcs 8x175mm</td> </tr> <tr> <td></td> <td>FABB6E03 - 6pcs 6.5x25mm</td> </tr> </table>	FBAB0006 - 6pcs PH0x60mm	FAAB0308 - 6pcs 3x75mm	FBAB0108 - 6pcs PH1x80mm	FAAB3E10 - 6pcs 3.5x100mm	FBAB0110 - 6pcs PH1x100mm	FAAB0410 - 6pcs 4x100mm	FBAB0210 - 6pcs PH2x100mm	FAAB5E10 - 6pcs 5.5x100mm	FBAB0215 - 6pcs PH2x150mm	FAAB5E15 - 6pcs 5.5x150mm	FBAB0315 - 6pcs PH3x150mm	FAAB6E10 - 6pcs 6.5x100mm	FBBB0203 - 6pcs PH2x25mm	FAAB6E15 - 6pcs 6.5x150mm		FAAB0818 - 6pcs 8x175mm		FABB6E03 - 6pcs 6.5x25mm
FBAB0006 - 6pcs PH0x60mm	FAAB0308 - 6pcs 3x75mm																		
FBAB0108 - 6pcs PH1x80mm	FAAB3E10 - 6pcs 3.5x100mm																		
FBAB0110 - 6pcs PH1x100mm	FAAB0410 - 6pcs 4x100mm																		
FBAB0210 - 6pcs PH2x100mm	FAAB5E10 - 6pcs 5.5x100mm																		
FBAB0215 - 6pcs PH2x150mm	FAAB5E15 - 6pcs 5.5x150mm																		
FBAB0315 - 6pcs PH3x150mm	FAAB6E10 - 6pcs 6.5x100mm																		
FBBB0203 - 6pcs PH2x25mm	FAAB6E15 - 6pcs 6.5x150mm																		
	FAAB0818 - 6pcs 8x175mm																		
	FABB6E03 - 6pcs 6.5x25mm																		



**90PCS**

**Flat Chisel & Punch Shelf Set**

(W)600 x (D)240 x (H)60 mm

**90PCS Flat Chisel & Punch Shelf Set**

ITEM NO.	DESCRIPTION						
TDAK6006	Chisel & Punch Shelf - (W)600 x (D)240 x (H)60 mm						
GAAY0009	<table border="0"> <tr> <td> <b>Pin Punch</b>                      HBAAD013 - 6pcs Ø3x130mm                      HBAAD015 - 6pcs Ø4x150mm                      HBAAD016 - 6pcs Ø5x160mm                      HBAAD018 - 6pcs Ø6x180mm                      HBAAD020 - 6pcs Ø8x200mm                 </td> <td> <b>Center Punch</b>                      HBAC0412 - 6pcs Ø4x120mm                      HBAC0513 - 6pcs Ø5x130mm                 </td> </tr> <tr> <td> <b>Taper Punch</b>                      HBAB0414 - 6pcs Ø4x140mm                      HBAB0516 - 6pcs Ø6x160mm                 </td> <td> <b>Flat Chisel</b>                      HCAB1215 - 6pcs 12x150mm                      HCAB1516 - 6pcs 15x150mm                      HCAB1918 - 6pcs 19x180mm                      HCAB2522 - 6pcs 25x220mm                 </td> </tr> <tr> <td></td> <td> <b>Ribbed Flat Chisel</b>                      HCAA2115 - 6pcs 21x150mm                      HCAA2620 - 6pcs 26x200mm                 </td> </tr> </table>	<b>Pin Punch</b> HBAAD013 - 6pcs Ø3x130mm HBAAD015 - 6pcs Ø4x150mm HBAAD016 - 6pcs Ø5x160mm HBAAD018 - 6pcs Ø6x180mm HBAAD020 - 6pcs Ø8x200mm	<b>Center Punch</b> HBAC0412 - 6pcs Ø4x120mm HBAC0513 - 6pcs Ø5x130mm	<b>Taper Punch</b> HBAB0414 - 6pcs Ø4x140mm HBAB0516 - 6pcs Ø6x160mm	<b>Flat Chisel</b> HCAB1215 - 6pcs 12x150mm HCAB1516 - 6pcs 15x150mm HCAB1918 - 6pcs 19x180mm HCAB2522 - 6pcs 25x220mm		<b>Ribbed Flat Chisel</b> HCAA2115 - 6pcs 21x150mm HCAA2620 - 6pcs 26x200mm
<b>Pin Punch</b> HBAAD013 - 6pcs Ø3x130mm HBAAD015 - 6pcs Ø4x150mm HBAAD016 - 6pcs Ø5x160mm HBAAD018 - 6pcs Ø6x180mm HBAAD020 - 6pcs Ø8x200mm	<b>Center Punch</b> HBAC0412 - 6pcs Ø4x120mm HBAC0513 - 6pcs Ø5x130mm						
<b>Taper Punch</b> HBAB0414 - 6pcs Ø4x140mm HBAB0516 - 6pcs Ø6x160mm	<b>Flat Chisel</b> HCAB1215 - 6pcs 12x150mm HCAB1516 - 6pcs 15x150mm HCAB1918 - 6pcs 19x180mm HCAB2522 - 6pcs 25x220mm						
	<b>Ribbed Flat Chisel</b> HCAA2115 - 6pcs 21x150mm HCAA2620 - 6pcs 26x200mm						





**24PCS**

**Soft Grip Chisel & Punch Shelf Set**

(W)260 x (D)185 x (H)50 mm

**24PCS Soft Grip Chisel & Punch Shelf Set**

ITEM NO.	DESCRIPTION
TDAK2619	Chisel & Punch Shelf - (W)260 x (D)185 x (H)50 mm
GAAY0010	<ul style="list-style-type: none"> <li><b>Soft Grip Pin Punch</b> <ul style="list-style-type: none"> <li>HBBA0214 - 1pc Ø2x140mm</li> <li>HBBA0315 - 1pc Ø3x150mm</li> <li>HBBA0418 - 1pc Ø4x180mm</li> <li>HBBA0520 - 1pc Ø5x200mm</li> <li>HBBA0621 - 1pc Ø6x210mm</li> <li>HBBA0822 - 1pc Ø8x220mm</li> </ul> </li> <li><b>Soft Grip Taper Punch</b> <ul style="list-style-type: none"> <li>HBBB0219 - 1pc Ø2x185mm</li> <li>HBBB0319 - 1pc Ø3x185mm</li> <li>HBBB0419 - 1pc Ø4x185mm</li> <li>HBBB0519 - 1pc Ø5x185mm</li> <li>HBBB0619 - 1pc Ø6x185mm</li> <li>HBBB0819 - 1pc Ø8x185mm</li> </ul> </li> <li><b>Soft Grip Center Punch</b> <ul style="list-style-type: none"> <li>HBBC0419 - 1pc Ø4x185mm</li> <li>HBBC0619 - 2pcs Ø6x185mm</li> </ul> </li> <li><b>Soft Grip Cape Chisel</b> <ul style="list-style-type: none"> <li>HCBC0517 - 1pc 5x170mm</li> <li>HCBC0718 - 2pcs 7x180mm</li> </ul> </li> <li><b>Soft Grip Flat Chisel</b> <ul style="list-style-type: none"> <li>HCBB1015 - 1pc 10x150mm</li> <li>HCBB1518 - 2pcs 15x180mm</li> <li>HCBB1920 - 2pcs 19x200mm</li> <li>HCBB2522 - 1pc 25x220mm</li> </ul> </li> </ul>



**26PCS**

**15° Offset Super-Torque Combination Wrench Set W/Merchandise Display Board**

(W)700 x (H)1000 mm

Satin Chrome Finished

**26PCS 15° Offset Super-Torque Combination Wrench Set**

ITEM NO.	DESCRIPTION
TDAH7010	Merchandise Display Board - (W)700 x (H)1000 mm
TEAA0105	50pcs Display Stand Single Hook - 50 mm(L)
GABX2603	<ul style="list-style-type: none"> <li>26pcs Super-Torque Combination Wrench 15° Offset</li> <li>AAEW0806-3232</li> <li>6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 mm</li> </ul>



**42PCS**

**1/2" DR. Socket & Accessory Set W/Merchandise Display Board**

(W)700 x (H)1000 mm

Satin Chrome Finished

**42PCS 1/2" DR. Socket & Accessory Set W/Merchandise Display Board**

ITEM NO.	DESCRIPTION
TDAH7010	Merchandise Display Board - (W)700 x (H)1000 mm
TEAA0105	50pcs Display Stand Single Hook - 50 mm(L)
GCBX4201	<ul style="list-style-type: none"> <li>42pcs 1/2" Dr. Socket &amp; Accessory Set</li> <li>BAEA1608-1632 25 1/2" Dr. 6PT Flank Sockets - 8-32 mm</li> <li>CAAF1605 &amp; 1610 1/2" Dr. Extension Bar - 5" &amp; 10" (L)</li> <li>CAAA1605 &amp; 1610 1/2" Dr. Extension Bar - 5" &amp; 10" (L)</li> <li>BAA1616 &amp; 1621 1/2" Dr. Magnetic Spark Plug Sockets - 16 &amp; 21 mm</li> <li>CADC1642 1/2" Dr. Speed Brace - 420 mm(L)</li> <li>CTCJ1610 1/2" Dr. Sliding T-Handle with Quick Release - 254 mm(L)</li> <li>CTCK1625 1/2" Dr. Sliding T-Handle - 250 mm(L)</li> <li>CAGA1612 3-Way Adapter</li> <li>CAHA1678 1/2" Dr. Universal Joint - 71 mm(L)</li> <li>CFKA1615 1/2" Dr. Swivel Handle - 15" (L)</li> <li>CJBG1627 1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release - 270 mm(L)</li> <li>CJEK1633 1/2" Dr. 48 Teeth Rapid Reversible Ratchet Handle with Quick Release - 325 mm(L)</li> <li>CJHM1631 1/2" Dr. 72 Teeth Flexible Reversible Ratchet Handle with Quick Release - 310 mm(L)</li> <li>CJLN1632 1/2" Dr. 72 Teeth Reversible Swivel Head Ratchet 305 mm(L)</li> <li>CJCK1640 1/2" Dr. 48 Teeth Extra Long Reversible Ratchet Handle with Quick Release - 400 mm(L)</li> </ul>



PROFESSIONAL  
HAND TOOLS

**WRENCHES & TORQUE WRENCHES SERIES**

Assortment of super-torque wrenches supplied in both metric and inch sizes.



**Hi-Performance Combination Wrench 15° Offset**

- Chrome Vanadium Alloy Steel
- Thin profile head and ring for easy access in confined spaces
- Light weight model
- High torque performance as over 1.6 times as ANSI & DIN standard
- Satin chrome finished for maximum durability and corrosion resistance



**STORAGE RACK**  
15° Offset Hi-Performance Combination Wrench Set

METRIC				SAE			
ITEM NO.	SIZE (mm)	L (mm)	FINISH	ITEM NO.	SIZE (inch)	L (mm)	FINISH
AAEX5E5E	5.5	104	10 320	ACEX0808	1/4	104	10 320
AAEX0606	6	104	10 320	ACEX1010	5/16	124	10 320
AAEX0707	7	114	10 320	ACEX1111	11/32	131	10 320
AAEX0808	8	124	10 320	ACEX1212	3/8	143	10 320
AAEX0909	9	131	10 320	ACEX1414	7/16	151	10 240
AAEX1010	10	143	10 320	ACEX1616	1/2	169	10 120
AAEX1111	11	151	10 240	ACEX1818	9/16	180	10 120
AAEX1212	12	160	10 120	ACEX2020	5/8	198	10 80
AAEX1313	13	169	10 120	ACEX2222	11/16	206	10 80
AAEX1414	14	180	10 120	ACEX2424	3/4	223	10 80
AAEX1515	15	192	10 80	ACEX2626	13/16	236	10 80
AAEX1616	16	198	10 80	ACEX2828	7/8	255	5 40
AAEX1717	17	206	10 80	ACEX3030	15/16	274	5 40
AAEX1818	18	214	10 80	ACEX3232	1	284	5 40
AAEX1919	19	223	10 80	ACEX3434	1-1/16	304	5 30
AAEX2020	20	236	10 80	ACEX3636	1-1/8	315	5 30
AAEX2121	21	243	10 80	ACEX4040	1-1/4	355	5 20
AAEX2222	22	255	5 40				
AAEX2323	23	266	5 40				
AAEX2424	24	274	5 40				
AAEX2525	25	284	5 40				
AAEX2626	26	294	5 30				
AAEX2727	27	304	5 30				
AAEX2828	28	315	5 30				
AAEX2929	29	327	5 30				
AAEX3030	30	340	5 30				
AAEX3232	32	355	5 20				



ITEM NO.	CONTENTS	FINISH
GBAC1201	12 ACEX0808-2828 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"	5 (SET)

**STORAGE RACK**  
15° Offset Hi-Performance Combination Wrench Set



ITEM NO.	CONTENTS	FINISH
GAAC0901	9 AAEX0606-1919 6, 7, 8, 10, 12, 13, 14, 17, 19	5 (SET)
GAAC1201	12 AAEX0808-1919 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 19	5 (SET)
GAAC1401	14 AAEX0606-2424 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 22, 24	5 (SET)

**METAL BOX**  
15° Offset Hi-Performance Combination Wrench Set



ITEM NO.	CONTENTS	FINISH
GAAD1603	16 AAEX0606-2424 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24	3 (SET)

METAL CASE: W445 x D188 x H50 (mm)

**STORAGE RACK - GREEN**

- 15° Offset Hi-Performance Combination Wrench Set
- Ideal hanger design, suitable for most type of single or double hook
  - Made of engineering material for oil-proof, impact resistance and extend the time of use
  - Specific handy carry design for easy one-hand carry and storage



ITEM NO.	CONTENTS	FINISH
GSAX0601	6 AAEX0606-1414 6, 10, 11, 12, 13, 14	12
GSAX1001	10 AAEX0808-1919 8, 10, 11, 12, 13, 14, 16, 17, 18, 19	6

ITEM NO.	CONTENTS	FINISH
GSAX1201	12 AAEX0808-1919 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	6
GSAX1401	14 AAEX0707-2424 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24	6

**POUCH BAG - BLACK**  
15° Offset Hi-Performance Combination Wrench Set



ITEM NO.	CONTENTS	FINISH
GPAX1202	12 AAEX0606-2222 6, 7, 8, 10, 11, 12, 13, 14, 15, 17, 19, 22	10
GPAX1203	13 AAEX0808-2424 8, 9, 10, 11, 12, 13, 14, 16, 17, 19, 21, 24	10
GPAX1401	14 AAEX0808-3232 8, 10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30, 32	4

ITEM NO.	CONTENTS	FINISH
GPAX1402	14 AAEX0808-2424 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24	10
GPAX1403	14 AAEX0606-3232 6, 7, 8, 10, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32	6
GPAX1601	16 AAEX0707-3232 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30, 32	4

ITEM NO.	CONTENTS	FINISH
GPBX1601	16 ACEX0808-4040 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"	4
GPAX2601	26 AAEX0606-3232 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	3





**Super-Torque Combination Wrench 15° Offset**



**- AAEX SERIES - HI-PERFORMANCE COMBINATION WRENCH**

FOR AUTOMOTIVE REPAIR & MAINTENANCE  
(Thin and light weight model for quick tightening & loosening applications)

**- AAEW SERIES - SUPER-TORQUE COMBINATION WRENCH**

FOR HEAVY DUTY INDUSTRIAL APPLICATIONS  
(Strong model for toughest tightening & loosening jobs)

**Super-Torque Combination Wrench 15° Offset**

- Chrome Vanadium Alloy Steel
- Robust construction design to work under extreme conditions
- High torque performance as over 2 times as ANSI & DIN standard
- Satin chrome finished for maximum durability and corrosion resistance

**More Efficient Open-End Design**

The improved design of 15 degree bending open-end offers a better tightening and untightening accessibility.



**Extra Comfort & Effective Grip**

Larger side handle and recess frame handle design maximize the contact comfort with the hand.



**Better Ring Head Accessibility**

Specially designed ring head provides better clearance for reaching recessed spaced nuts.



METRIC				Satin Chrome Finished				SAE			
ITEM NO.	SIZE(mm)	L(mm)	W	ITEM NO.	SIZE(inch)	L(mm)	W				
AAEW0606	6	104	10	ACEW0808	1/4	104	10				
AAEW0707	7	114	10	ACEW1010	5/16	124	10				
AAEW0808	8	124	10	ACEW1111	11/32	131	10				
AAEW0909	9	131	10	ACEW1212	3/8	143	10				
AAEW1010	10	143	10	ACEW1414	7/16	151	10				
AAEW1111	11	151	10	ACEW1616	1/2	169	10				
AAEW1212	12	160	10	ACEW1818	9/16	180	10				
AAEW1313	13	169	10	ACEW2020	5/8	198	10				
AAEW1414	14	180	10	ACEW2222	11/16	206	10				
AAEW1515	15	192	10	ACEW2424	3/4	223	10				
AAEW1616	16	198	10	ACEW2626	13/16	236	10				
AAEW1717	17	206	10	ACEW2828	7/8	255	5				
AAEW1818	18	214	10	ACEW3030	15/16	274	5				
AAEW1919	19	223	10	ACEW3232	1	284	5				
AAEW2020	20	236	10	ACEW3434	1-1/16	304	5				
AAEW2121	21	243	10	ACEW3636	1-1/8	315	5				
AAEW2222	22	255	5	ACEW4040	1-1/4	355	5				
AAEW2323	23	266	5								
AAEW2424	24	274	5								
AAEW2525	25	284	5								
AAEW2626	26	294	5								
AAEW2727	27	304	5								
AAEW2828	28	315	5								
AAEW2929	29	327	5								
AAEW3030	30	340	5								
AAEW3232	32	355	5								



**POUCH BAG - BLACK**

15° Offset Super-Torque Combination Wrench Set



ITEM NO.	CONTENTS
GPAW1202	12 AAEW0606-2222 6, 7, 8, 10, 11, 12, 13, 14, 15, 17, 19, 22

ITEM NO.	CONTENTS
GPAW2601	AAEW0606-3232 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32

ITEM NO.	CONTENTS
GPSW1601	ACEW0808-4040 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"



**AAEQ SERIES**

**SUPER-TORQUE DYNAMIC COMBINATION WRENCH**

**Super-Torque Dynamic Combination Wrench 15° Offset**

- Chrome Vanadium Alloy Steel
- Robust construction design to work under extreme conditions
- High torque performance as over 1.6 times as ANSI & DIN standard
- Satin chrome finished for maximum durability and corrosion resistance



ITEM NO.	SIZE(mm)	L(mm)	W
AAEQ0808	8	124	10
AAEQ0909	9	131	10
AAEQ1010	10	143	10
AAEQ1111	11	151	10
AAEQ1212	12	160	10
AAEQ1313	13	169	10
AAEQ1414	14	180	10
AAEQ1515	15	192	10
AAEQ1616	16	198	10
AAEQ1717	17	206	10
AAEQ1818	18	214	10
AAEQ1919	19	223	10
AAEQ2020	20	236	10
AAEQ2121	21	243	10
AAEQ2222	22	255	5
AAEQ2323	23	266	5
AAEQ2424	24	274	5

**POUCH BAG - BLACK 14PCS**  
15° Offset Super-Torque Dynamic Combination Wrench Set



ITEM NO.	CONTENTS
GPAQ1402	14 AAEQ0808-2424 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24

**TOPTUL Dynamic / Ratchet-Effect Combination Wrench**

This special designed open end wrench allows the user to tighten or loosen the fastener without removing the wrench from the fastener to change position. The open end grabs the fastener when torque pressure is applied making it difficult to slip. Perfect for confined space applications.





**HEAVY DUTY WRENCH SERIES**



**// Slogging Ring Wrench**

- Chrome-Molybdenum Alloy Steel
- Manganese Phosphate Finished



ITEM NO.	SIZE(mm)	L(mm)	⚙️	🔧
AAAR2222	22	162	8	96
AAAR2323	23	162	8	96
AAAR2424	24	162	8	96
AAAR2525	25	162	8	96
AAAR2626	26	179	5	60
AAAR2727	27	179	5	60
AAAR2828	28	179	5	60
AAAR2929	29	189	5	60
AAAR3030	30	189	5	60
AAAR3232	32	189	5	60
AAAR3333	33	189	5	60
AAAR3434	34	204	4	32
AAAR3535	35	204	4	32
AAAR3636	36	204	4	32
AAAR3838	38	204	4	32
AAAR4040	40	229	3	24
AAAR4141	41	229	3	24
AAAR4242	42	229	3	24
AAAR4343	43	229	3	24
AAAR4444	44	240	2	16
AAAR4545	45	240	2	16
AAAR4646	46	240	2	16
AAAR4747	47	240	2	16
AAAR4848	48	253	2	16
AAAR5050	50	253	2	16
AAAR5252	52	253	2	16
AAAR5555	55	271	2	12
AAAR6060	60	281	2	12
AAAR6565	65	281	2	12
AAAR7070	70	335	1	6
AAAR7575	75	335	1	6
AAAR8080	80	365	1	4
AAAR8585	85	365	1	4
AAAR9090	90	400	1	2
AAAR9595	95	400	1	2
AAARA0A0	100	435	1	2
AAARA5A5	105	435	1	2

**// Slogging Open End Wrench**

- Chrome-Molybdenum Alloy Steel
- Manganese Phosphate Finished



ITEM NO.	SIZE(mm)	L(mm)	⚙️	🔧
AAEY2424	24	168	5	60
AAEY2727	27	179	5	60
AAEY3030	30	189	5	40
AAEY3232	32	189	5	40
AAEY3636	36	213	4	24
AAEY3838	38	213	4	24
AAEY4141	41	234	2	12
AAEY4646	46	252	2	12
AAEY5050	50	297	2	12
AAEY5555	55	297	2	12
AAEY6060	60	316	2	8
AAEY6565	65	336	2	8
AAEY7070	70	367	1	2
AAEY7575	75	367	1	2
AAEY8080	80	398	1	2

**// Slogging Open End Wrench (Jumbo)**

- Chrome-Molybdenum Alloy Steel
- Manganese Phosphate Finished



ITEM NO.	SIZE(mm)	L(mm)	⚙️	🔧
AAEY8585	85	400	1	2
AAEY9090	90	450	1	2
AAEY9595	95	450	1	2
AAEYA0A0	100	480	1	1
AAEYA5A5	105	480	1	1
AAEYB0B0	110	515	1	1
AAEYB5B5	115	515	1	1
AAEYC0C0	120	555	1	1
AAEYC5C5	125	555	1	1
AAEYD0D0	130	556	1	1
AAEYD5D5	135	556	1	1

**// Slogging Ring Wrench (Jumbo)**

- Chrome-Molybdenum Alloy Steel
- Manganese Phosphate Finished



ITEM NO.	SIZE(mm)	L(mm)	⚙️	🔧
AAARB0B0	110	450	1	2
AAARB5B5	115	450	1	2
AAARC0C0	120	480	1	1
AAARC5C5	125	480	1	1
AAARD0D0	130	510	1	1
AAARD5D5	135	510	1	1
AAARE0E0	140	510	1	1
AAARE5E5	145	510	1	1
AAARF0F0	150	520	1	1

**// Single Open End Wrench**

- Chrome-Molybdenum Alloy Steel
- Manganese Phosphate Finished



ITEM NO.	SIZE(mm)	L(mm)	⚙️	🔧
AAAT1616	16	161	10	160
AAAT1717	17	161	10	160
AAAT1818	18	161	10	160
AAAT1919	19	177	10	160
AAAT2020	20	177	10	160
AAAT2121	21	177	10	160
AAAT2222	22	197	6	96
AAAT2323	23	197	6	96
AAAT2424	24	197	6	96
AAAT2525	25	216	6	48
AAAT2626	26	216	6	48
AAAT2727	27	216	6	48
AAAT2828	28	243	6	48
AAAT2929	29	243	6	48
AAAT3030	30	243	6	48
AAAT3232	32	273	5	40
AAAT3333	33	273	5	40
AAAT3434	34	273	5	40
AAAT3535	35	299	5	30
AAAT3636	36	299	5	30
AAAT3838	38	299	5	30
AAAT4141	41	337	4	24
AAAT4242	42	337	4	24
AAAT4343	43	337	4	24
AAAT4444	44	374	3	18
AAAT4545	45	374	3	18
AAAT4646	46	374	3	18
AAAT4848	48	417	3	12
AAAT5050	50	417	3	12
AAAT5555	55	496	2	8
AAAT5858	58	496	2	8
AAAT6060	60	496	2	8

**// Single Ring Wrench 45° Offset**

- Chrome-Molybdenum Alloy Steel
- Manganese Phosphate Finished



ITEM NO.	SIZE(mm)	L(mm)	⚙️	🔧
AAAS1717	17	324	5	30
AAAS1919	19	324	5	30
AAAS2121	21	368	5	20
AAAS2222	22	368	5	20
AAAS2323	23	368	5	20
AAAS2424	24	352	5	20
AAAS2626	26	382	5	20
AAAS2727	27	394	5	20
AAAS2929	29	394	5	20
AAAS3030	30	410	5	20
AAAS3232	32	410	5	20
AAAS3434	34	465	4	16
AAAS3535	35	465	4	16
AAAS3636	36	465	4	16
AAAS3838	38	490	3	12
AAAS4141	41	490	3	12
AAAS4343	43	519	3	12
AAAS4444	44	519	3	12
AAAS4646	46	519	3	12
AAAS4848	48	594	2	4
AAAS5050	50	594	2	4
AAAS5555	55	594	2	4
AAAS5858	58	616	1	2
AAAS6060	60	616	1	2
AAAS6565	65	616	1	2

**TOPTUL Heavy Duty Wrench Series**



**// Slogging Ring Wrench 45° Offset**

- Chrome Vanadium Steel Material
- Manganese Phosphate Finished



ITEM NO.	SIZE(mm)	L(mm)	⚙️	🔧
AAAU2424	24	250	3	12
AAAU2727	27	250	3	12
AAAU3030	30	270	3	12
AAAU3232	32	270	3	12
AAAU3636	36	300	2	8
AAAU3838	38	300	2	8
AAAU4141	41	317	2	8
AAAU4343	43	317	2	8
AAAU4646	46	360	2	4
AAAU5050	50	360	2	4
AAAU5555	55	360	2	4
AAAU6060	60	360	2	4
AAAU6565	65	380	2	4
AAAU7070	70	380	2	4
AAAU7575	75	415	1	2
AAAU8080	80	420	1	2
AAAU8585	85	450	1	2
AAAU9090	90	453	1	2
AAAU9595	95	500	1	2
AAAUA0A0	100	505	1	2
AAAU5A5A	105	520	1	2

**// Single Ring Wrench 45° Offset**

- Chrome Vanadium Steel Material
- Manganese Phosphate Finished
- For use in combination with ALEA series handles



ITEM NO.	SIZE(mm)	L(mm)	⚙️	🔧
AAAV2424	24	190	5	20
AAAV2727	27	190	5	20
AAAV3030	30	195	5	20
AAAV3232	32	195	5	20
AAAV3636	36	213	2	8
AAAV3838	38	213	2	8
AAAV4141	41	251	2	8
AAAV4343	43	251	2	8
AAAV4646	46	274	2	8
AAAV5050	50	274	2	8
AAAV5555	55	287	2	8
AAAV6060	60	300	2	8
AAAV6565	65	309	2	8
AAAV7070	70	309	2	8
AAAV7575	75	340	2	4
AAAV8080	80	340	2	4
AAAV8585	85	360	2	4
AAAV9090	90	360	2	4
AAAV9595	95	378	1	2
AAAVA0A0	100	378	1	2
AAAVA5A5	105	380	1	2

**// Drive Handle**

- Chrome Vanadium Steel Material
- For use in combination with AAV series wrenches



ITEM NO.	CAPACITY(mm)	L(mm)	⚙️	🔧
ALEA2430	24-30	350	5	20
ALEA3255	32-55	580	4	16
ALEA60A5	60-105	850	4	8

• Single Ring Wrench 45° Offset  
AAAV2424 - AAV8080

• Drive Handle - ALEA

• Single Ring Wrench 45° Offset  
AAAV8585 - AAV5A5







**LONG COMBINATION WRENCH 15° OFFSET**

**Long Combination Wrench 15° Offset**

- Chrome Vanadium Steel Material
- Long shank for extra torque with less operational strength requirement
- Professional quality for maximum durability and corrosion resistance



METRIC				SAE			
ITEM NO.	SIZE(mm)	L(mm)	SAE	ITEM NO.	SIZE( inch)	L(mm)	SAE
AAEA0606	6	129	10 320	ACEA0808	1/4	129	10 320
AAEA0707	7	136	10 320	ACEA1010	5/16	145	10 240
AAEA0808	8	145	10 240	ACEA1111	11/32	157	10 240
AAEA0909	9	157	10 240	ACEA1212	3/8	170	10 240
AAEA1010	10	170	10 240	ACEA1414	7/16	182	10 120
AAEA1111	11	182	10 120	ACEA1616	1/2	205	10 80
AAEA1212	12	193	10 120	ACEA1818	9/16	218	10 80
AAEA1313	13	205	10 80	ACEA2020	5/8	241	10 80
AAEA1414	14	218	10 80	ACEA2222	11/16	254	10 80
AAEA1515	15	230	10 80	ACEA2424	3/4	278	10 80
AAEA1616	16	241	10 80	ACEA2626	13/16	301	10 60
AAEA1717	17	254	10 80	ACEA2828	7/8	316	5 30
AAEA1818	18	266	10 80	ACEA3030	15/16	335	5 30
AAEA1919	19	278	10 80	ACEA3232	1	369	5 30
AAEA2020	20	278	10 80	ACEA3434	1-1/16	385	5 30
AAEA2121	21	301	10 60	ACEA3636	1-1/8	402	5 30
AAEA2222	22	316	5 30	ACEA4040	1-1/4	429	5 10
AAEA2323	23	335	5 30				
AAEA2424	24	335	5 30				
AAEA2525	25	369	5 30				
AAEA2626	26	369	5 30				
AAEA2727	27	385	5 30				
AAEA2828	28	385	5 30				
AAEA2929	29	402	5 30				
AAEA3030	30	402	5 30				
AAEA3232	32	429	5 10				



**POUCH BAG - GREEN 14PCS**  
15° Offset Long Combination Wrench Set



ITEM NO.	CONTENTS	(SET)
GAAG1402	AAEA0808-3232	4

**POUCH BAG - GREEN 16PCS**  
15° Offset Long Combination Wrench Set



ITEM NO.	CONTENTS	(SET)
GBAA1602	ACEA0808-4040 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"	4

**POUCH BAG - BLACK**  
15° Offset Long Combination Wrench Set



ITEM NO.	CONTENTS	(SET)	ITEM NO.	CONTENTS	(SET)	ITEM NO.	CONTENTS	(SET)
GPAA0802	AAEA1010-1919 10, 11, 12, 13, 14, 15, 17, 19	10	GPAA1404	AAEA0808-2424 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24	6	GPAA2602	AAEA0606-3232 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	3
GPAA1402	AAEA0808-3232 8, 10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30, 32	4						

**EXTRA LONG COMBINATION WRENCH 15° OFFSET**



- Chrome Vanadium Steel Material
- Extra long shank for reaching fasteners easily in deep space
- Professional quality for maximum durability and corrosion resistance

**Extra Long Combination Wrench 15° Offset**



ITEM NO.	SIZE(mm)	L(mm)	SAE
AAEL1010	10	187	10 120
AAEL1111	11	205	10 80
AAEL1212	12	223	10 80
AAEL1313	13	241	10 80
AAEL1414	14	259	10 80
AAEL1515	15	277	10 80
AAEL1616	16	295	10 80
AAEL1717	17	312	10 60
AAEL1818	18	331	10 60
AAEL1919	19	347	10 60

**TRAY 10PCS**  
15° Offset Extra Long Combination Wrench Set



ITEM NO.	CONTENTS	(SET)
GAAG1008	AAEL1010-1919	10

**STORAGE RACK 7PCS**  
15° Offset Extra Long Combination Wrench Set



ITEM NO.	CONTENTS	(SET)
GAAM0706	AAEL1010-1919	2



**Pro-Line Combination Wrench 15° Offset**

**-AAB SERIES-  
STANDARD COMBINATION WRENCH**

FOR GENERAL INDUSTRIAL APPLICATIONS  
(Professional model for quick tightening & loosening application)



**-AABW SERIES-  
PRO-LINE COMBINATION WRENCH**

FOR AUTOMOTIVE REPAIR & MAINTENANCE  
(Strong and perfect weight ratio model for best performance and maximize jobs)



**More Efficient Open-End Design**

The design of the bending open-end aligns with center line of the handle in angle 15 degrees. Rotate bending open-end oppositely to increase work area in confined space for tightening and loosening applications.

**Extra Comfort & Effective Grip**

Larger side handle to maximize the contact comfort and enhance grip power with the hand.



**Protuberant Character Design**

The visible and notable stamping characters provides easy reading before use.

**Better Ring Head Accessibility**

Specially designed ring head provides better clearance for reaching recessed spaced nuts.



**PRO-LINE  
COMBINATION WRENCH**

**Pro-Line Combination Wrench 15° Offset**

- Chrome Vanadium Alloy Steel
- Thin profile head and ring for easy access in confined spaces
- Light weight model
- High torque performance as over 1.6 times as ANSI & DIN standard
- Satin chrome finished for maximum durability and corrosion resistance



ITEM NO.	SIZE (mm)	L (mm)	Satin Chrome Finished	
AABW0606	6	104	10	320
AABW0707	7	114	10	320
AABW0808	8	124	10	320
AABW0909	9	131	10	320
AABW1010	10	143	10	320
AABW1111	11	151	10	240
AABW1212	12	160	10	120
AABW1313	13	169	10	120
AABW1414	14	180	10	120
AABW1515	15	192	10	80
AABW1616	16	198	10	80
AABW1717	17	206	10	80
AABW1818	18	214	10	80
AABW1919	19	223	10	80
AABW2020	20	236	10	80
AABW2121	21	243	10	80
AABW2222	22	256	5	40
AABW2323	23	266	5	40
AABW2424	24	274	5	40
AABW2525	25	284	5	40
AABW2626	26	294	5	30
AABW2727	27	304	5	30
AABW2828	28	315	5	30
AABW2929	29	327	5	30
AABW3030	30	340	5	30
AABW3232	32	355	5	20

**METAL BOX 16PCS**

15° Offset Pro-Line Combination Wrench Set



ITEM NO.	CONTENTS	Satin Chrome Finished
GAAD1604	AABW0606-2424 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24	3 (SET)
METAL CASE: W445 x D188 x H50 (mm)		

**STORAGE RACK - GREEN**

15° Offset Pro-Line Combination Wrench Set

- Ideal hanger design, suitable for most type of single or double hook
- Made of engineering material for oil-proof, impact resistance and extend the time of use
- Specific handy carry design for easy one-hand carry and storage



GSCW1201

ITEM NO.	CONTENTS	Satin Chrome Finished
GSCW1201	AABW0808-1919 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	6 (SET)



GSCW1401

ITEM NO.	CONTENTS	Satin Chrome Finished
GSCW1401	AABW0707-2424 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24	6 (SET)

**POUCH BAG - BLACK 8PCS**

15° Offset Pro-Line Combination Wrench Set



ITEM NO.	CONTENTS	Satin Chrome Finished
GPCW0801	AABW0808-2222 8, 10, 12, 13, 14, 17, 19, 22	10 (SET)

**POUCH BAG - BLACK 14PCS**

15° Offset Pro-Line Combination Wrench Set



ITEM NO.	CONTENTS	Satin Chrome Finished
GPCW1401	AABW0808-2224 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24	10 (SET)



**POUCH BAG - GREEN**

15° Offset Pro-Line Combination Wrench Set



GRAW0801

ITEM NO.	CONTENTS	Satin Chrome Finished
GRAW0801	AABW0808-2222 8, 10, 12, 13, 14, 17, 19, 22	10
GRAW1001	AABW0808-2224 8, 10, 11, 12, 13, 14, 17, 19, 22, 24	10



GRAW1001



GRAW1401

ITEM NO.	CONTENTS	Satin Chrome Finished
GRAW1401	AABW0808-2224 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24	10



GRAW1601



ITEM NO.	CONTENTS	Satin Chrome Finished
GRAW1601	AABW0606-2424 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24	6



**Standard Combination Wrench 15° Offset**

- Chrome Vanadium Steel Material
- High torque performance as over 1.6 times as ANSI & DIN standard
- Professional quality for maximum durability and corrosion resistance



• SAE

ITEM NO.	SIZE (inch)	L (mm)	SAE	METRIC
ACEB0808	1/4	109	10	320
ACEB1010	5/16	129	10	320
ACEB1111	11/32	139	10	320
ACEB1212	3/8	149	10	320
ACEB1414	7/16	159	10	240
ACEB1616	1/2	179	10	120
ACEB1818	9/16	189	10	120
ACEB2020	5/8	209	10	80
ACEB2222	11/16	219	10	80
ACEB2424	3/4	239	10	80
ACEB2626	13/16	259	10	80
ACEB2828	7/8	269	5	40
ACEB3030	15/16	289	5	40
ACEB3232	1	299	5	40
ACEB3434	1-1/16	319	5	30
ACEB3636	1-1/8	339	5	30
ACEB4040	1-1/4	369	5	20
ACEB4242	1-5/16	409	5	20
ACEB4444	1-3/8	409	5	20
ACEB4646	1-7/16	439	5	10
ACEB4848	1-1/2	439	5	10
ACEB5252	1-5/8	479	2	8
ACEB5454	1-11/16	479	2	8

**Standard Combination Wrench 15° Offset (Jumbo)**

- Chrome Vanadium Steel Material
- High torque performance as over 1.6 times as ANSI & DIN standard
- Professional quality for maximum durability and corrosion resistance



• SAE

ITEM NO.	SIZE (inch)	L (mm)	SAE	METRIC
ACEB5656	1-3/4	549	2	4
ACEB5858	1-13/16	549	2	4
ACEB6060	1-7/8	549	2	4
ACEB6464	2	549	2	4
ACEB6868	2-1/8	609	2	4
ACEB7070	2-3/16	609	2	4
ACEB7272	2-1/4	609	2	4
ACEB7676	2-3/8	699	1	2
ACEB8080	2-1/2	699	1	2

**Standard Combination Wrench 15° Offset**

- Chrome Vanadium Steel Material
- High torque performance as over 1.6 times as ANSI & DIN standard
- Professional quality for maximum durability and corrosion resistance



• METRIC

ITEM NO.	SIZE (mm)	L (mm)	SAE	METRIC
AAEB0606	6	109	10	320
AAEB0707	7	119	10	320
AAEB0808	8	129	10	320
AAEB0909	9	139	10	320
AAEB1010	10	149	10	320
AAEB1111	11	159	10	240
AAEB1212	12	169	10	120
AAEB1313	13	179	10	120
AAEB1414	14	189	10	120
AAEB1515	15	199	10	80
AAEB1616	16	209	10	80
AAEB1717	17	219	10	80
AAEB1818	18	229	10	80
AAEB1919	19	239	10	80
AAEB2020	20	249	10	80
AAEB2121	21	259	10	80
AAEB2222	22	269	5	40
AAEB2323	23	279	5	40
AAEB2424	24	289	5	40
AAEB2525	25	299	5	40
AAEB2626	26	309	5	30
AAEB2727	27	319	5	30
AAEB2828	28	329	5	30
AAEB2929	29	339	5	30
AAEB3030	30	349	5	30
AAEB3232	32	369	5	20
AAEB3333	33	409	5	20
AAEB3434	34	409	5	20
AAEB3535	35	409	5	20
AAEB3636	36	439	5	10
AAEB3838	38	439	5	10
AAEB4040	40	479	2	8
AAEB4141	41	479	2	8
AAEB4242	42	479	2	8
AAEB4343	43	479	2	8

**Standard Combination Wrench 15° Offset (Jumbo)**

- Chrome Vanadium Steel Material
- High torque performance as over 1.6 times as ANSI & DIN standard
- Professional quality for maximum durability and corrosion resistance



• METRIC

ITEM NO.	SIZE (mm)	L (mm)	SAE	METRIC
AAEB4545	45	549	2	4
AAEB4646	46	549	2	4
AAEB4848	48	549	2	4
AAEB5050	50	549	2	4
AAEB5555	55	609	2	4
AAEB6060	60	699	1	2
AAEB6565	65	699	1	2
AAEB7070	70	680	1	2
AAEB7575	75	720	1	2
AAEB8080	80	720	1	2

**STORAGE RACK 11PCS**

15° Offset Standard Combination Wrench Set



ITEM NO.	CONTENTS	SAE
GAAC1103	11 AAEB0606-1919	5 (MET)
	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	

**METAL BOX 16PCS**

15° Offset Standard Combination Wrench Set



ITEM NO.	CONTENTS	SAE
GAAD1602	16 AAEB0606-2424	3 (MET)
	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24	
	METAL CASE: W445 x D188 x H50 (mm)	

**COLOR BOX 12PCS**

15° Offset Standard Combination Wrench Set



ITEM NO.	CONTENTS	SAE
GAAE1211	12 AAEB0606-1919	10 (MET)
	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 19	



**TOPTUL**  
Standard Combination Wrench 15° Offset

**STORAGE RACK - GREEN**

15° Offset Standard Combination Wrench Set

- Ideal hanger design, suitable for most type of single or double hook
- Made of engineering material for oil-proof, impact resistance and extend the time of use
- Specific handy carry design for easy one-hand carry and storage



GSAB1001

GSAB1201

GSAB1401



ITEM NO.	CONTENTS	SAE
GSAB1001	10 AAEB0808-1919	6
	8, 10, 11, 12, 13, 14, 16, 17, 18, 19	
GSAB1201	12 AAEB0808-1919	6
	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	
GSAB1401	14 AAEB0707-2424	6
	7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24	

**POUCH BAG - GREEN**

15° Offset Standard Combination Wrench Set



GAAA0804

GAAA1213

GAAA1404

GAAA1408

ITEM NO.	CONTENTS	SAE
GAAA0804	8 AAEB1010-1919	20
	10, 11, 12, 13, 14, 15, 17, 19	
GAAA1213	12 AAEB0606-2222	10
	6, 7, 8, 10, 11, 12, 13, 14, 15, 17, 19, 22	
GAAA1404	14 AAEB0808-3232	4
	8, 10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30, 32	
GAAA1408	14 AAEB0808-2424	10
	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24	
GAAA1604	16 AAEB0707-3232	4
	7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30, 32	
GAAA2604	26 AAEB0606-3232	3
	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	



GAAA1604



GAAA2604



**POUCH BAG - BLACK**

15° Offset Standard Combination Wrench Set



ITEM NO.	CONTENTS	ITEM NO.	CONTENTS	ITEM NO.	CONTENTS
GPAB0802	10, 11, 12, 13, 14, 15, 17, 19	GPAB1404	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24	GPAB1602	7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30, 32
GPAB1204	6, 7, 8, 10, 11, 12, 13, 14, 15, 17, 19, 22	GPAB1406	6, 7, 8, 10, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32	GPAB2602	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32
GPAB1402	8, 10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30, 32				



**POUCH BAG - GREEN**

16PCS

15° Offset Standard Combination Wrench Set

**POUCH BAG - BLACK**

16PCS

15° Offset Standard Combination Wrench Set



ITEM NO.	CONTENTS	ITEM NO.	CONTENTS
GBAA1604	1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"	GPBB1602	1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"

**Standard Combination Wrench 75° Offset**

- Chrome Vanadium Steel Material
- Professional quality for maximum durability and corrosion resistance
- 75° offset ring end in design for operating easily in recess



ITEM NO.	SIZE(mm)	L(mm)	ITEM NO.	SIZE(mm)	L(mm)
AAEN0606	6	110	AAEN1919	19	255
AAEN0707	7	120	AAEN2020	20	255
AAEN0808	8	130	AAEN2121	21	285
AAEN0909	9	140	AAEN2222	22	285
AAEN1010	10	150	AAEN2323	23	315
AAEN1111	11	160	AAEN2424	24	315
AAEN1212	12	170	AAEN2525	25	345
AAEN1313	13	180	AAEN2626	26	345
AAEN1414	14	190	AAEN2727	27	365
AAEN1515	15	205	AAEN2828	28	365
AAEN1616	16	215	AAEN2929	29	395
AAEN1717	17	225	AAEN3030	30	395
AAEN1818	18	235	AAEN3232	32	415

**POUCH BAG - BLACK**

12PCS

75° Offset Standard Combination Wrench Set



ITEM NO.	CONTENTS
GPAN1201	8, 10, 11, 12, 13, 14, 16, 17, 18, 19, 21, 22

CR-V Steel  
Satin Chrome Finish  
Industrial DIN Standard



With 75° offset in design, this wrench will overcome the operational restriction compared with the traditional type combination wrench

Robust construction & Precision machining  
Maximum tool torque and durability



**STANDARD COMBINATION WRENCH 75° OFFSET**





**TOPTUL**  
Double Ring Wrench 75° Offset

**Double Ring Wrench 75° Offset**

With 75° offset ring end design, this wrench can overcome the operating restriction compared to those conventional combination wrenches.



**Double Ring Wrench 75° Offset**

- Chrome Vanadium Steel Material
- 75° offset ring end in design for convenient operation in recess
- High torque performance as over 1.6 times as ANSI & DIN standard



ITEM NO.	SIZE(mm)	L(mm)	W	H
AAEI0607	6x7	167	10	120
AAEI0809	8x9	182	10	120
AAEI0810	8x10	182	10	120
AAEI1011	10x11	197	10	80
AAEI1012	10x12	217	10	80
AAEI1013	10x13	217	10	80
AAEI1213	12x13	218	10	80
AAEI1214	12x14	218	10	80
AAEI1317	13x17	245	10	80
AAEI1415	14x15	238	10	80
AAEI1417	14x17	245	10	80
AAEI1617	16x17	258	5	40
AAEI1618	16x18	258	5	40
AAEI1719	17x19	290	5	40
AAEI1819	18x19	290	5	40
AAEI1821	18x21	296	5	40
AAEI1922	19x22	296	5	40
AAEI2022	20x22	316	5	30
AAEI2123	21x23	316	5	30
AAEI2224	22x24	324	5	30
AAEI2426	24x26	328	5	30
AAEI2427	24x27	328	5	30
AAEI2528	25x28	345	5	30
AAEI2729	27x29	353	2	12
AAEI2730	27x30	353	2	12
AAEI2732	27x32	353	2	12
AAEI3032	30x32	360	2	12
AAEI3236	32x36	402	2	12
AAEI3436	34x36	440	2	12
AAEI3641	36x41	440	2	12
AAEI3842	38x42	440	2	12
AAEI4146	41x46	470	2	8
AAEI4650	46x50	510	2	8

**STORAGE RACK 6PCS**  
75° Offset Double Ring Wrench Set



ITEM NO.	CONTENTS
GAAC0602	AAEI0607-1617

**METAL BOX 8PCS**  
75° Offset Double Ring Wrench Set



ITEM NO.	CONTENTS
GAAD0807	AAEI0607-2022

**POUCH BAG - GREEN \*10PCS**  
75° Offset Double Ring Wrench Set



ITEM NO.	CONTENTS
GRAI1001	AAEI0607-2427

**POUCH BAG - BLACK \*10PCS**  
75° Offset Double Ring Wrench Set



ITEM NO.	CONTENTS
GPCI1001	AAEI0607-2732



**TOPTUL**  
Double Ring Wrench 75° Offset

**POUCH BAG - GREEN \*10PCS**  
75° Offset Double Ring Wrench Set



ITEM NO.	CONTENTS
GAAA0810	AAEI0607-2022

**POUCH BAG - BLACK \*10PCS**  
75° Offset Double Ring Wrench Set



ITEM NO.	CONTENTS
GPAI0802	AAEI0607-2022



ITEM NO.	CONTENTS
GAAA1204	AAEI0607-3032



ITEM NO.	CONTENTS
GPAI1202	AAEI0607-3032





**// Double Ring Wrench 45° Offset**  
 • Chrome Vanadium Steel Material  
 • 45° offset ring end in design for convenient operation in recess  
 • Professional quality for maximum durability and corrosion resistance



ITEM NO.	SIZE(mm)	L(mm)	6	10	240
AAEH0607	6x7	165	10	240	
AAEH0708	7x8	165	10	240	
AAEH0809	8x9	170	10	240	
AAEH0810	8x10	170	10	240	
AAEH1011	10x11	180	10	120	
AAEH1012	10x12	195	10	120	
AAEH1113	11x13	206	10	80	
AAEH1213	12x13	206	10	80	
AAEH1214	12x14	206	10	80	
AAEH1415	14x15	232	10	80	
AAEH1417	14x17	237	10	80	
AAEH1617	16x17	237	10	80	
AAEH1719	17x19	270	10	80	
AAEH1819	18x19	270	10	80	
AAEH1921	19x21	292	5	30	
AAEH1922	19x22	292	5	30	
AAEH2022	20x22	292	5	30	
AAEH2123	21x23	327	5	30	
AAEH2224	22x24	327	5	30	
AAEH2326	23x26	362	5	30	
AAEH2427	24x27	362	5	30	
AAEH2528	25x28	372	5	30	
AAEH2730	27x30	380	5	30	
AAEH3032	30x32	392	2	12	
AAEH3236	32x36	402	2	12	
AAEH3641	36x41	440	2	12	
AAEH3842	38x42	440	2	12	
AAEH4146	41x46	470	2	8	
AAEH4650	46x50	510	2	8	
AAEH5560	55x60	610	2	4	

Double Ring Wrench 45° Offset

**// POUCH BAG - BLACK**  
 45° Offset Double Ring Wrench Set



GPAH0802

GPAH0804

GPAH1202

ITEM NO.	CONTENTS	6	10	4
GPAH0802	AAEH0607-2224 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 22x24	6		
GPAH0804	AAEH0607-2022 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22	10		
GPAH1202	AAEH0607-3032 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32			4

**// Double Ring Wrench 45° Offset**

- Chrome Vanadium Steel Material
- 45° offset ring end in design for convenient operation in recess
- Professional quality for maximum durability and corrosion resistance



METRIC				SAE			
ITEM NO.	SIZE(mm)	L(mm)	Mirror Polished	ITEM NO.	SIZE(inch)	L(mm)	Mirror Polished
AAAH0608	6x8	165	10 240	ACAH0810	1/4x5/16	165	10 240
AAAH0809	8x9	170	10 240	ACAH1416	7/16x1/2	206	10 80
AAAH1011	10x11	180	10 120	ACAH1820	9/16x5/8	232	10 80
AAAH1113	11x13	206	10 80	ACAH1922	19/32x11/16	237	10 80
AAAH1213	12x13	206	10 80	ACAH2022	5/8x11/16	237	10 80
AAAH1415	14x15	232	10 80	ACAH2224	11/16x3/4	270	10 80
AAAH1617	16x17	237	10 80	ACAH2425	3/4x25/32	270	10 80
AAAH1719	17x19	270	10 80	ACAH2426	3/4x13/16	292	5 30
AAAH1819	18x19	270	10 80	ACAH2428	3/4x7/8	292	5 30
AAAH1922	19x22	292	5 30	ACAH2628	13/16x7/8	292	5 30
AAAH2022	20x22	292	5 30	ACAH2830	7/8x15/16	327	5 30
AAAH2123	21x23	327	5 30	ACAH3032	15/16x1	362	5 30
AAAH2224	22x24	327	5 30	ACAH3236	1x1-1/8	372	5 30
AAAH2326	23x26	362	5 30	ACAH3436	1-1/16x1-1/8	372	5 30
AAAH2426	24x26	362	5 30	ACAH3440	1-1/16x1-1/4	392	2 12
AAAH2427	24x27	362	5 30	ACAH3640	1-1/8x1-1/4	392	2 12
AAAH2430	24x30	372	5 30	ACAH4046	1-1/4x1-7/16	402	2 12
AAAH2528	25x28	372	5 30	ACAH4248	1-5/16x1-1/2	440	2 12
AAAH2629	26x29	372	5 30	ACAH4652	1-7/16x1-5/8	440	2 12
AAAH2729	27x29	380	5 30	ACAH5258	1-5/8x1-13/16	470	2 8
AAAH2730	27x30	380	5 30	ACAH5460	1-11/16x1-7/8	470	2 8
AAAH2732	27x32	380	5 30	ACAH5864	1-13/16x2	510	2 8
AAAH2932	29x32	392	2 12	ACAH7278	2-1/4x2-7/16	610	2 4
AAAH3032	30x32	392	2 12				
AAAH3641	36x41	440	2 12				
AAAH4146	41x46	470	2 8				
AAAH5560	55x60	610	2 4				

**// METAL BOX**  
 45° Offset Double Ring Wrench Set



ITEM NO.	CONTENTS	6 (SET)
GAAD0804	AAEH0607-2022 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22	6 (SET)

**// POUCH BAG - GREEN**  
 45° Offset Double Ring Wrench Set



ITEM NO.	CONTENTS	4 (SET)
GAAA1202	AAEH0607-3032 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32	4 (SET)

**// Double Open End Wrench**

- Chrome Vanadium Steel Material
- Professional quality for maximum durability and corrosion resistance



ITEM NO.	SIZE(mm)	L(mm)	6	10	320
AAEJ0405	4x5	99	10	320	
AAEJ0507	5x7	127	10	320	
AAEJ0607	6x7	127	10	320	
AAEJ0608	6x8	127	10	320	
AAEJ0809	8x9	145	10	320	
AAEJ0810	8x10	145	10	320	
AAEJ0911	9x11	161	10	240	
AAEJ1011	10x11	161	10	240	
AAEJ1012	10x12	161	10	240	
AAEJ1013	10x13	174	10	120	
AAEJ1113	11x13	174	10	120	
AAEJ1213	12x13	174	10	120	
AAEJ1214	12x14	174	10	120	
AAEJ1315	13x15	190	10	120	
AAEJ1415	14x15	190	10	120	
AAEJ1317	13x17	194	10	120	
AAEJ1417	14x17	194	10	120	
AAEJ1617	16x17	210	10	80	
AAEJ1618	16x18	210	10	80	
AAEJ1719	17x19	223	10	80	
AAEJ1819	18x19	223	10	80	
AAEJ1921	19x21	236	10	80	
AAEJ1922	19x22	236	10	80	
AAEJ2021	20x21	236	10	80	
AAEJ2022	20x22	236	10	80	
AAEJ2123	21x23	246	10	60	
AAEJ2224	22x24	246	10	60	
AAEJ2426	24x26	267	5	40	
AAEJ2427	24x27	267	5	40	
AAEJ2528	25x28	267	5	40	
AAEJ2628	26x28	267	5	40	
AAEJ2729	27x29	284	5	40	
AAEJ2730	27x30	284	5	40	
AAEJ2732	27x32	294	5	40	
AAEJ3032	30x32	294	5	40	
AAEJ3235	32x35	325	2	12	
AAEJ3236	32x36	325	2	12	
AAEJ3335	33x35	325	2	12	
AAEJ3436	34x36	325	2	12	
AAEJ3538	35x38	377	2	12	
AAEJ3641	36x41	377	2	12	
AAEJ3842	38x42	377	2	12	
AAEJ4146	41x46	426	2	12	
AAEJ4650	46x50	477	2	10	
AAEJ5055	50x55	504	2	8	
AAEJ5560	55x60	504	2	8	

**// STORAGE RACK**  
 Double Open End Wrench Set



ITEM NO.	CONTENTS	6 (SET)
GAAC0802	AAEJ0607-2022 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22	6 (SET)

**// METAL BOX**  
 Double Open End Wrench Set



ITEM NO.	CONTENTS	6 (SET)
GAAD1009	AAEJ0607-2427 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27	6 (SET)

**// POUCH BAG - GREEN**  
 Double Open End Wrench Set



ITEM NO.	CONTENTS	20 (SET)
GAAA0812	AAEJ0607-2022 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22	20 (SET)

**// POUCH BAG - GREEN**  
 Double Open End Wrench Set



ITEM NO.	CONTENTS	6 (SET)
GAAA1208	AAEJ0607-3032 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32	6 (SET)

**// POUCH BAG - BLACK**  
 Double Open End Wrench Set



ITEM NO.	CONTENTS	10 (SET)
GPCJ1001	AAEJ0607-3032 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 24x27, 30x32	10 (SET)

**// POUCH BAG - BLACK**  
 Double Open End Wrench Set



ITEM NO.	CONTENTS	20 (SET)
GPAJ0802	AAEJ0607-2022 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22	20 (SET)

**// POUCH BAG - BLACK**  
 Double Open End Wrench Set



ITEM NO.	CONTENTS	6 (SET)
GPAJ1202	AAEJ0607-3032 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32	6 (SET)



**// Double Open End Slimline Wrench**

- Chrome Vanadium Steel Material
- Professional quality for maximum durability and corrosion resistance
- Ideal for tightening/loosening double nuts
- Easy access in confined space
- Lightweight model



ITEM NO.	SIZE(mm)	L(mm)	SAE	Metric
AEJA0607	6x7	148	15	480
AEJA0809	8x9	175	15	360
AEJA1011	10x11	175	15	360
AEJA1213	12x13	210	15	120
AEJA1415	14x15	210	15	120
AEJA1617	16x17	250	15	120
AEJA1819	18x19	250	15	120
AEJA2224	22x24	292	10	80

**// POUCH BAG - GREEN 8PCS**  
Double Open End Slimline Wrench Set



ITEM NO.	CONTENTS
GRAJ0801	AEJA0607-2224 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 22x24

**// POUCH BAG - GREEN 15PCS**  
15PCS 15° & 75° Double Open End Wrench Set



ITEM NO.	CONTENTS
GRAJ1501	AEJB3B3B-1414 3, 2, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14

**// 6PT - Flare Nut Wrench**

- Chrome Vanadium Steel Material
- Thick head feature ensures a strong grip on the nut and avoids damages
- Useful for tightening and loosening flare nuts at line connections
- Specially designed for use with nuts fitted in hydraulic, oil and compressed air systems



ITEM NO.	SIZE(mm)	L(mm)	SAE	Metric
AEEA0809	8x9	130	15	240
AEEA0810	8x10	130	15	240
AEEA1011	10x11	150	10	160
AEEA1012	10x12	150	10	160
AEEA1113	11x13	170	10	120
AEEA1213	12x13	170	10	120
AEEA1214	12x14	170	10	120

**// 12PT - Flare Nut Wrench**

- Chrome Vanadium Steel Material
- Thick head feature ensures a strong grip on the nut and avoids damages
- Useful for tightening and loosening flare nuts at line connections
- Specially designed for use with nuts fitted in hydraulic, oil and compressed air systems



ITEM NO.	SIZE(mm)	L(mm)	SAE	Metric
AEEA1417	14x17	190	5	60
AEEA1618	16x18	195	5	40
AEEA1719	17x19	210	5	40
AEEA1922	19x22	230	5	40
AEEA2224	22x24	252	5	40
AEEA2427	24x27	265	5	40
AEEA3032	30x32	285	5	30
AEEA3641	36x41	351	2	16

**// POUCH BAG - BLACK 5PCS**  
Flare Nut Wrench Set



ITEM NO.	CONTENTS
GPAQ0502	AEEA0810-2224 8x10, 11x13, 12x14, 17x19, 22x24

**// 6PT - Flare Nut Wrench**

- Chrome Vanadium Steel Material
- Thick head feature ensures a strong grip on the nut and avoids damages
- Useful for tightening and loosening flare nuts at line connections
- Specially designed for use with nuts fitted in hydraulic, oil and compressed air systems



ITEM NO.	SIZE(inch)	L(mm)	SAE	Metric
AFEA1012	5/16x3/8	130	15	240
AFEA1214	3/8x7/16	150	10	160
AFEA1416	7/16x1/2	170	10	120
AFEA1618	1/2x9/16	170	10	120

**// 12PT - Flare Nut Wrench**

- Chrome Vanadium Steel Material
- Thick head feature ensures a strong grip on the nut and avoids damages
- Useful for tightening and loosening flare nuts at line connections
- Specially designed for use with nuts fitted in hydraulic, oil and compressed air systems



ITEM NO.	SIZE(inch)	L(mm)	SAE	Metric
AFEA1820	9/16x5/8	190	5	60
AFEA2022	5/8x11/16	195	5	60
AFEA2024	5/8x3/4	210	5	40
AFEA2224	11/16x3/4	210	5	40
AFEA2428	3/4x7/8	230	5	40

**// Star Wrench**

- Chrome Vanadium Steel Material
- Useful for removing E-Torx fasteners
- Professional quality for maximum durability and corrosion resistance



ITEM NO.	SIZE	L(mm)	SAE	Metric
AEEE0608	E6xE8	113	10	320
AEEE0711	E7xE11	127	10	320
AEEE1012	E10xE12	142	10	320
AEEE1418	E14xE18	181	10	160
AEEE1622	E16xE22	204	5	40
AEEE2024	E20xE24	224	5	40

**// Flat Type Double Ring Wrench**

- Chrome Vanadium Steel Material
- Professional quality for maximum durability and corrosion resistance
- Thin-walled design for work in confined spaces



ITEM NO.	SIZE(mm)	L(mm)	SAE	Metric
AABM0607	6x7	120	15	480
AABM0809	8x9	135	10	320
AABM1011	10x11	150	10	160
AABM1213	12x13	165	10	160
AABM1415	14x15	180	10	160
AABM1617	16x17	210	10	80
AABM1719	17x19	225	10	80
AABM1819	18x19	225	10	80
AABM2022	20x22	240	5	40
AABM2123	21x23	255	5	40
AABM2224	22x24	255	5	40
AABM2426	24x26	270	5	40
AABM2528	25x28	285	5	40
AABM3032	30x32	335	5	40

**// Half-Moon Ring Wrench**

- Chrome Vanadium Steel Material
- Special purpose tool for hard to reach starter bolts
- Professional quality for maximum durability and corrosion resistance



ITEM NO.	SIZE(mm)	L(mm)	SAE	Metric
AAAC0809	8x9	137	10	160
AAAC1012	10x12	142	10	160
AAAC1113	11x13	166	5	80
AAAC1417	14x17	190	5	80
AAAC1618	16x18	220	5	40
AAAC1922	19x22	256	5	40

**// 10PCS**  
Miniature Combination Wrench Set



ITEM NO.	CONTENTS
GBBA1001	AFAM0505-1414 5/32", 3/16", 7/32", 15/64", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16"

**// Flat Type Extra-Long Double Ring Wrench**

- Chrome Molybdenum Steel Material
- Professional quality for maximum durability and corrosion resistance
- Long shank and thin wall ring end design for reaching bolts easily in deep restricted space



ITEM NO.	SIZE(mm)	L(mm)	SAE	Metric
AAAP0810	8x10	230	15	120
AAAP1012	10x12	300	15	90
AAAP1214	12x14	333	10	60
AAAP1417	14x17	365	10	60
AAAP1719	17x19	400	5	30
AAAP2224	22x24	430	5	30

**// POUCH BAG - BLACK 6PCS**  
Flat Type Extra-Long Double Ring Wrench Set



ITEM NO.	CONTENTS
GPAP0602	AAAP0810-2224 8x10, 10x12, 12x14, 14x17, 17x19, 22x24



**MIDGET WRENCH SERIES**

**// Midget Dynamic Combination Wrench 15° Offset**

- Chrome Vanadium Steel Material
- Short shank allows convenient operation in confined area
- Patent dynamic open end in design for operating within 30° restricted space



ITEM NO.	SIZE(mm)	L(mm)	SAE	Metric
AAAG0707	7	86	10	320
AAAG0808	8	86	10	320
AAAG0909	9	85	10	320
AAAG1010	10	95	10	320
AAAG1111	11	99	10	320
AAAG1313	13	107	10	320
AAAG1414	14	113	10	160
AAAG1515	15	117	10	160
AAAG1616	16	121	10	160
AAAG1717	17	127	10	120
AAAG1818	18	131	10	120
AAAG1919	19	137	10	120

**// Midget Double Ring Wrench 45° Offset**

- Chrome Vanadium Steel Material
- Short shank allows convenient operation in confined area
- Professional quality for maximum durability and corrosion resistance



ITEM NO.	SIZE(mm)	L(mm)	SAE	Metric
AAAK0809	8x9	116	10	160
AAAK1011	10x11	116	10	160
AAAK1213	12x13	141	10	160
AAAK1415	14x15	141	10	160
AAAK1617	16x17	158	10	120
AAAK1819	18x19	158	10	120



**MIDGET WRENCHES**

**Midget Combination Wrench 15° Offset**

- Chrome Vanadium Steel Material
- Short shank in design for convenient operation in confined area
- Professional quality for maximum durability and corrosion resistance



METRIC Satin Chrome Finished

ITEM NO. Satin	SIZE (mm)	L (mm)	W	H
AAAF0707	7	86	10	320
AAAF0808	8	86	10	320
AAAF0909	9	95	10	320
AAAF1010	10	95	10	320
AAAF1111	11	99	10	320
AAAF1212	12	103	10	320
AAAF1313	13	107	10	320
AAAF1414	14	113	10	160
AAAF1515	15	117	10	160
AAAF1616	16	121	10	160
AAAF1717	17	127	10	120
AAAF1818	18	131	10	120
AAAF1919	19	137	10	120

**Midget Combination Wrench 15° Offset \***

- Chrome Vanadium Steel Material
- Short shank in design for convenient operation in confined area
- Professional quality for maximum durability and corrosion resistance



SAE Satin Chrome Finished

ITEM NO. Satin	SIZE (inch)	L (mm)	W	H
ACAF1010	5/16	86	10	320
ACAF1111	11/32	95	10	320
ACAF1212	3/8	95	10	320
ACAF1414	7/16	99	10	320
ACAF1616	1/2	107	10	320
ACAF1818	9/16	113	10	160
ACAF2020	5/8	121	10	160
ACAF2222	11/16	127	10	120
ACAF2424	3/4	137	10	120

**POUCH BAG - GREEN 10PCS**  
15° Offset Midget Combination Wrench Set



Satin Chrome Finished

ITEM NO. Satin	CONTENTS	W	H
GAAA1002	AAAF1010-1919	20	(SET)



**Pro-Series Reversible Ratchet Combination Wrench**

- Chrome Vanadium Steel Material
- Two-way reversible gear design for quick and easy fastening and loosening works
- 72 teeth ratchet mechanism, 5° increments
- High torque & durable ratcheting performance
- Satin chrome plated finish
- In accordance to ASME B107.100



SAE Satin Chrome Finished

ITEM NO. Satin	SIZE (inch)	L (mm)	W	H
ADAF0808	1/4	128	10	320
ADAF1010	5/16	140	10	320
ADAF1212	3/8	158	10	160
ADAF1414	7/16	165	10	120
ADAF1616	1/2	178	10	120
ADAF1818	9/16	190	10	120
ADAF2020	5/8	208	10	80
ADAF2222	11/16	225	10	80
ADAF2424	3/4	247	10	80

**METAL BOX 8PCS**  
Pro-Series Reversible Ratchet Combination Wrench Set (SAE)



Satin Chrome Finished

ITEM NO. Satin	CONTENTS	W	H
GBAD0803	ADAF1010-2424	6	(SET)

METAL CASE: W370 x D154 x H50 (mm)

**Pro-Series Reversible Ratchet Combination Wrench**

- Chrome Vanadium Steel Material
- Two-way reversible gear design for quick and easy fastening and loosening works
- 72 teeth ratchet mechanism, 5° increments
- High torque & durable ratcheting performance
- Satin chrome plated finish
- In accordance to DIN ISO 691, DIN ISO 1711-1, ASME B107.100



METRIC Satin Chrome Finished

ITEM NO. Satin	SIZE (mm)	L (mm)	W	H
ABAF0606	6	128	10	320
ABAF0808	8	140	10	320
ABAF0909	9	149	10	320
ABAF1010	10	158	10	160
ABAF1111	11	166	10	120
ABAF1212	12	171	10	120
ABAF1313	13	178	10	120
ABAF1414	14	190	10	120
ABAF1515	15	199	10	80
ABAF1616	16	208	10	80
ABAF1717	17	225	10	80
ABAF1818	18	236	10	80
ABAF1919	19	247	10	80
ABAF2222	22	288	5	40
ABAF2424	24	321	5	40
ABAF2727	27	357	5	20
ABAF3030	30	400	2	16
ABAF3232	32	423	2	12

**STORAGE RACK - GREEN**  
Pro-Series Reversible Ratchet Combination Wrench Set

- Ideal hanger design, suitable for most type of single or double hook
- Made of engineering material for oil-proof, impact resistance and extend the time of use
- Specific handy carry design for easy one-hand carry and storage



Satin Chrome Finished

ITEM NO. Satin	CONTENTS	W	H
GSAQ0601	ABAF0808-1414	12	(SET)
GSAQ0901	ABAF0808-1919	6	(SET)

Satin Chrome Finished

ITEM NO. Satin	CONTENTS	W	H
GSAQ1001	ABAF0808-1919	6	(SET)
GSAQ1201	ABAF0808-1919	6	(SET)

**STORAGE RACK 7PCS**  
Pro-Series Reversible Ratchet Combination Wrench Set



Satin Chrome Finished

ITEM NO. Satin	CONTENTS	W	H
GAAM0709	ABAF0808-1919	2	(SET)



**POUCH BAG - BLACK 12PCS**  
Pro-Series Reversible Ratchet Combination Wrench Set



Satin Chrome Finished

ITEM NO. Satin	CONTENTS	W	H
GPAQ1203	ABAF0808-1919	10	(SET)

**METAL BOX 12PCS**  
Pro-Series Reversible Ratchet Combination Wrench Set



Satin Chrome Finished

ITEM NO. Satin	CONTENTS	W	H
GAAD1205	ABAF0808-1919	6	(SET)

METAL CASE: W370 x D154 x H50 (mm)

**METAL BOX 15PCS**  
Pro-Series Reversible Ratchet Combination Wrench Set



Satin Chrome Finished

ITEM NO. Satin	CONTENTS	W	H
GBA1541	ABAF0808-1919	4	(SET)

METAL CASE: W361 x D137 x H63 (mm)





**Pro-Series Ratchet Combination Wrench**  
 • Chrome Vanadium Steel Material  
 • 72 teeth ratchet mechanism, 5° increments  
 • High torque & durable ratcheting performance  
 • Satin chrome plated finish  
 • In accordance to DIN ISO 691, DIN ISO 1711-1, ASME B107.100

ITEM NO.	SIZE(mm)	L(mm)	10	320
AOAF0808	8	140	10	320
AOAF0909	9	149	10	160
AOAF1010	10	158	10	160
AOAF1111	11	165	10	120
AOAF1212	12	171	10	120
AOAF1313	13	178	10	120
AOAF1414	14	190	10	120
AOAF1515	15	200	10	80
AOAF1616	16	208	10	80
AOAF1717	17	225	10	80
AOAF1818	18	236	10	80
AOAF1919	19	247	10	80
AOAF2222	22	269	5	40
AOAF2424	24	322	5	40

**POUCH BAG - BLACK 12PCS**  
 Ratchet Combination Wrench Set



ITEM NO.	CONTENTS	10 (SET)
GPAQ1202	12 AOAF0808-1919 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	

**10PCS**  
 Pro-Series Ratchet Combination Wrench Set



ITEM NO.	CONTENTS	10 (SET)
GAAI1004	10 AOAF0808-1919 Pro-Series Ratchet Combination Wrenches 8, 10, 12, 13, 17, 19 mm 3 CANA0810-1619 Socket Adapter with Quick Release (For Ratchet Wrench) ■ 1/4" x 10mm, ■ 3/8" x 13mm, ■ 1/2" x 19mm 1 FTAB0810 Quick Change Bit Holder Ø1/4" x 10mm BLOW CASE: W260 x D170 x H60 (mm)	

**METAL BOX 8PCS**  
 Pro-Series Ratchet Combination Wrench Set



ITEM NO.	CONTENTS	6 (SET)
GAAD0810	8 AOAF0808-1919 8, 10, 11, 12, 13, 14, 17, 19	

**STORAGE RACK - GREEN**

Pro-Series Ratchet Combination Wrench Set  
 • Ideal hanger design, suitable for most type of single or double hook  
 • Made of engineering material for oil-proof, impact resistance and extend the time of use  
 • Specific handy carry design for easy one-hand carry and storage



ITEM NO.	CONTENTS	12 (SET)
GSCQ0601	12 AOAF0808-1414 8, 10, 11, 12, 13, 14	
GSCQ0901	6 AOAF0808-1919 8, 10, 11, 12, 13, 16, 17, 18, 19	
GSCQ1001	6 AOAF0808-1919 8, 10, 11, 12, 13, 14, 16, 17, 18, 19	
GSCQ1201	6 AOAF0808-1919 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	



**Pro-Series Flexible Ratchet Combination Wrench**

• Chrome Vanadium Steel Material  
 • 72 teeth ratchet mechanism (5° increments)  
 • High torque & durable ratcheting performance  
 • The pivoting flexible ratchet ring head allows for 180 degree operation in confined spaces  
 • Compact ring head enables to work in tight spaces where a ratchet and socket would not fit  
 • Ideal for applications that present problems in terms of congestion, visibility and accessibility  
 • In accordance to DIN ISO 691, DIN ISO 1711-1, ASME B107.100

ITEM NO.	SIZE(mm)	L(mm)	10	320
AOAH0808	8	140	10	320
AOAH0909	9	150	10	320
AOAH1010	10	159	10	160
AOAH1111	11	165	10	120
AOAH1212	12	172	10	120
AOAH1313	13	178	10	120
AOAH1414	14	191	10	120
AOAH1515	15	200	10	80
AOAH1616	16	207	10	80
AOAH1717	17	226	10	80
AOAH1818	18	237	10	80
AOAH1919	19	248	10	80

**10PCS**  
 Pro-Series Flexible Ratchet Combination Wrench Set



ITEM NO.	CONTENTS	10 (SET)
GAAI1003	10 AOAH0808-1919 Pro-Series Flexible Ratchet Combination Wrenches 8, 10, 12, 13, 17, 19 mm 3 CANA0810-1619 Socket Adapter with Quick Release (For Ratchet Wrench) ■ 1/4" x 10mm, ■ 3/8" x 13mm, ■ 1/2" x 19mm 1 FTAB0810 Quick Change Bit Holder Ø1/4" x 10mm BLOW CASE: W260 x D170 x H60 (mm)	

**POUCH BAG - BLACK 12PCS**  
 Pro-Series Flexible Ratchet Combination Wrench Set



ITEM NO.	CONTENTS	10 (SET)
GPAQ1204	12 AOAH0808-1919 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	

**Socket Adapter with Quick Release (For Ratchet Wrench)** (CR-V) (DIN5123)



ITEM NO.	DRIVE	L(mm)	10	180
CANA0810	1/4" x 10mm	16.7	10	180
CANA1213	3/8" x 13mm	21.7	10	180
CANA1619	1/2" x 19mm	28.8	10	180

**Quick Change Bit Holder (For Ratchet Wrench)** (CR-V)



ITEM NO.	DRIVE	L(mm)	50	800
FTAB0810	Ø1/4" x 10mm	15.7	50	800



**PRO-SERIES 4-IN-1 RATCHET DOUBLE RING WRENCH**



**Pro-Series 4-In-1 Ratchet Double Ring Wrench**

- Chrome Vanadium Steel Material
- Two-way reversible gear design for quick and easy fastening and loosening works
- 72 teeth ratchet mechanism, 5° increments
- High torque & durable ratcheting performance
- In accordance to DIN ISO 691, DIN ISO 1711-1, ASME B107.100



ITEM NO.	SIZE(mm)	L(mm)	⚙️	📦
ABAD0811	8x11 - 10x9	150	10	160
ABAD1215	12x15 - 14x13	190	5	80
ABAD1619	16x19 - 17x18	230	5	40

**Ratchet Double E-Star Ring Wrench**

- Chrome Vanadium Steel Material
- Useful for removing external E-star fasteners quickly
- 72 teeth ratcheting mechanism for optimum fastening efficiency



ITEM NO.	SIZE	L(mm)	⚙️	📦
AOAC0608	E6xE8	130	10	160
AOAC1012	E10xE12	144	10	160
AOAC1418	E14xE18	181	10	80
AOAC2024	E20xE24	224	10	80

**Pro-Series Ratchet Double Ring Wrench**

- Chrome Vanadium Steel Material
- 72 teeth ratchet mechanism, 5° increments
- High torque & durable ratcheting performance
- In accordance to DIN ISO 691, DIN ISO 1711-1, ASME B107.100



ITEM NO.	SIZE(mm)	L(mm)	⚙️	📦
AOAG0809	8x9	128	10	320
AOAG1011	10x11	150	10	160
AOAG1213	12x13	170	10	160
AOAG1415	14x15	190	10	120
AOAG1618	16x18	210	10	80
AOAG1719	17x19	230	10	80

**Stubby Ratchet Combination Wrench**

- Chrome Vanadium Steel Material
- 72 Teeth Ratchet Mechanism



ITEM NO.	SIZE(mm)	L(mm)	⚙️	📦
AOAB0808	8	93	10	320
AOAB0909	9	95	10	320
AOAB1010	10	95	10	320
AOAB1111	11	105	10	320
AOAB1212	12	105	10	320
AOAB1313	13	106	10	320
AOAB1414	14	115	10	160
AOAB1515	15	122	10	160
AOAB1616	16	122	10	160
AOAB1717	17	125	10	120
AOAB1818	18	138	10	120
AOAB1919	19	138	10	120

**Open-End Ratcheting Wrench**

- Chrome Molybdenum Steel Open-End
- Chrome Vanadium Steel Handle
- Special purpose tool for hard to reach starter bolts
- Professional quality for maximum durability and corrosion resistance



ITEM NO.	SIZE(mm)	L(mm)	⚙️	📦
AEAT1010	10	156	10	160
AEAT1111	11	158	10	160
AEAT1313	13	156	10	160
AEAT1717	17	210	10	80
AEAT1919	19	212	10	80
AEAT2222	22	220	10	80

**Double Socket Ratchet Wrench**

- Chrome Vanadium Steel Material
- Two-way reversible gear design for quick and easy fastening and loosening works



ITEM NO.	SIZE(mm)	L(mm)	⚙️	📦
AEAH1013	10x13	240	2	50
AEAH1214	12x14	240	2	50
AEAH1317	13x17	280	2	50
AEAH1417	14x17	280	2	50
AEAH1719	17x19	315	2	50
AEAH1721	17x21	315	2	50
AEAH1921	19x21	315	2	50
AEAH1922	19x22	315	2	50
AEAH1924	19x24	360	2	30
AEAH2123	21x23	360	2	30

ITEM NO.	SIZE(mm)	L(mm)	⚙️	📦
AEAH2224	22x24	360	2	30
AEAH2427	24x27	360	2	30
AEAH2430	24x30	450	2	20
AEAH2730	27x30	450	2	20
AEAH2732	27x32	450	2	20
AEAH3032	30x32	450	2	20
AEAH3236	32x36	450	2	20
AEAH3641	36x41	450	2	20
AEAH4146	41x46	500	2	8
AEAH4650	46x50	500	2	8
AEAH5055	50x55	500	2	8

**Hawk Pipe Wrench**



**Aluminum Alloy Hawk Pipe Wrench**

- Aluminum Alloy body
- Chrome Vanadium Steel jaw
- High-frequency hardened teeth for optimum power and durability
- Spring loaded jaw provides fast ratchet action
- 3-point jaw design provides optimum grip and torque
- Self-adjusting wrench head allows quickly adjustment to fit different pipe size up to 60mm
- Operation efficiency increased 50% than conventional pipe wrench
- Special shutoff valve design on handle (For DDA1A14 & DDA1A18 only)
- Application: Stainless Steel/Copper/Lead Pipes, Hoses, Screws, Nuts, Machine Parts, Car Components, Hose, Frozen Ice Pipe, etc.



ITEM NO.	SIZE (mm / inch)	HOSE CAPACITY (mm / inch)	JAW OPENING CAPACITY (mm / inch)	⚙️	📦
DDA1A14	350 (14")	15A - 40A / 1/2B - 1-1/2B	19 - 48mm / 3/4" - 1-7/8"	12	48
DDA1A18	450 (18")	25A - 50A / 1B - 2B	25 - 60mm / 1" - 2-3/8"	6	36

**Hawk Pipe Wrench**

- Cast Iron body
- Chrome Vanadium Steel jaw
- High-frequency hardened teeth for optimum power and durability
- Spring loaded jaw provides fast ratchet action
- 3-point jaw design provides optimum grip and torque
- Self-adjusting wrench head allows quickly adjustment to fit different pipe size up to 60mm
- Operation efficiency increased 50% than conventional pipe wrench
- Special shutoff valve design on handle (For DDAH1A14 & DDAH1A18 only)
- Application: Stainless Steel/Copper/Lead Pipes, Hoses, Screws, Nuts, Machine Parts, Car Components, Hose, Frozen Ice Pipe, etc.



ITEM NO.	SIZE (mm / inch)	HOSE CAPACITY (mm / inch)	JAW OPENING CAPACITY (mm / inch)	⚙️	📦
DDAH1A08	200 (8")	8A - 20A / 1/4B - 3/4B	11 - 27mm / 7/16" - 1-1/16"	12	48
DDAH1A10	250 (10")	10A - 25A / 3/8B - 1B	13 - 34mm / 1/2" - 1-5/16"	12	36
DDAH1A12	300 (12")	15A - 32A / 1/2B - 1-1/4B	16 - 42mm / 5/8" - 1-5/8"	12	24
DDAH1A14	350 (14")	15A - 40A / 1/2B - 1-1/2B	19 - 48mm / 3/4" - 1-7/8"	12	24
DDAH1A18	450 (18")	25A - 50A / 1B - 2B	25 - 60mm / 1" - 2-3/8"	6	12





**TOPTUL**  
PIPE WRENCHES &  
ADJUSTABLE WRENCHES

**Aluminum Alloy Pipe Wrench**

- Aluminum Alloy body
- Chrome Molybdenum jaw
- Extra hardened jaw and deep milled teeth provide maximum strength at stress point
- Balanced for proper weight distribution



ITEM NO.	SIZE / LENGTH (inch)	JAW OPENING CAPACITY Ø (inch)	⚙️	⚖️
DDAC1A14	14	2	2	8
DDAC1A18	18	2-1/2	2	4
DDAC1A24	24	3	2	4
DDAC1A36	36	5	1	2
DDAC1A48	48	6	1	2

**Pipe Wrench**

- Cast Iron body
- Chrome Molybdenum jaw



ITEM NO.	SIZE / LENGTH (inch)	JAW OPENING CAPACITY Ø (inch)	⚙️	⚖️
DDAB1A08	8	1	5	40
DDAB1A10	10	1-1/2	5	20
DDAB1A12	12	2	2	12
DDAB1A14	14	2	2	8
DDAB1A18	18	2-1/2	2	4
DDAB1A24	24	3	2	4
DDAB1A36	36	5	1	2
DDAB1A48	48	6	1	2

**Pipe Wrench (45° Swedish model pipe wrench with S-shaped jaw)**

- Swedish pattern pipe wrench
- Made of drop forged Chrome Vanadium Steel
- Slim, S-shaped jaws with induction hardened teeth
- Special jaw design grips pipes at three points
- Teeth offset against direction of rotation
- Suitable for working in confined spaces



ITEM NO.	SIZE (inch)	JAW OPENING CAPACITY Ø (inch)	L (mm)	⚙️	⚖️
DDAD1A32	1	1-1/2	345	2	12
DDAD1A48	1-1/2	2-1/4	440	2	12
DDAD1A64	2	2-1/2	560	2	8

**Heavy Duty Adjustable Wrench**

- Chrome Vanadium Steel Material
- Millimeter graduation head for quick adjustment
- Industrial-grade quality for maximum durability and corrosion resistance
- Wider jaw opening increases useful range of fastener sizes



ITEM NO.	SIZE (inch / mm)	MAXIMUM JAW OPENING WIDTH (mm)	L (mm)	⚙️	⚖️
AMAB1710	4" (100)	17.0	110	6	120
AMAB2415	6" (150)	23.9	160	6	90
AMAB2920	8" (200)	28.6	205	6	60
AMAB3325	10" (250)	32.8	255	6	36
AMAB3830	12" (300)	38.1	305	6	24
AMAB5038	15" (375)	50.0	380	2	4
AMAB8045	18" (450)	60.0	460	2	4
AMAB7060	24" (600)	70.0	612	1	6

**Adjustable Wrench**

- Chrome Vanadium Steel Material
- Millimeter graduation head for quick adjustment
- Black phosphate finish
- Polished head



ITEM NO.	SIZE (inch / mm)	MAXIMUM JAW OPENING WIDTH (mm)	L (mm)	⚙️	⚖️
AMAC2015	6" (150)	20	160	6	150
AMAC2420	8" (200)	24	210	6	72
AMAC2925	10" (250)	29	260	6	36
AMAC3430	12" (300)	34	310	6	24
AMAC4338	15" (375)	43	390	2	8

**Paw Adjustable Wrench**

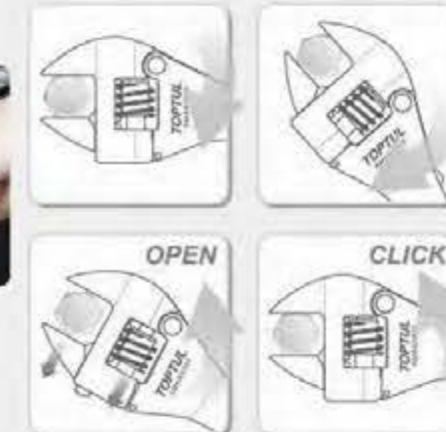
- Chrome Vanadium Steel Material
- Millimeter graduation head for quick adjustment
- Handle weight less by 10% and over 18% wider jaw opening increase torsional rigidity and useful range of fastener sizes
- Rubber (TPR) cushion handle provides a comfortable and strong grip



ITEM NO.	SIZE (inch / mm)	MAXIMUM JAW OPENING WIDTH (mm)	L (mm)	⚙️	⚖️
AMAA2415	6" (150)	23.9	165	6	120
AMAA2920	8" (200)	28.6	210	6	60
AMAA3325	10" (250)	32.8	260	6	48
AMAA3830	12" (300)	38.1	310	6	24

**Ratcheting Adjustable Wrench**

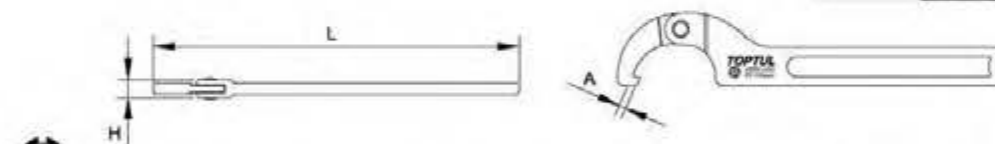
- Chrome Molybdenum Alloy Steel Open-end
- Chrome Vanadium Alloy Steel body
- Ratcheting function for quick and easy operation
- Millimeter graduation head for quick adjustment
- Design for easy using in confined spaces
- Rubber cushion handle provides a comfortable and effective grip



ITEM NO.	SIZE (inch / mm)	MAXIMUM JAW OPENING WIDTH (mm)	L (mm)	⚙️	⚖️
AMAR2320	8" (200)	23	203	12	48
AMAR3125	10" (250)	28	260	6	36

**Adjustable Hook Spanner Wrench**

- Made of Chrome Vanadium Alloy Steel
- Ideal for adjusting collars, lock nut rings and bearings
- Five sizes cover the full range of conventional fixed wrenches



ITEM NO.	Diameter Capacity (mm)	Hook Depth (A) (mm)	Hook Thickness (H) (mm)	Overall Length (L) (mm)	⚙️	⚖️
AEEX1A35	13 - 35	3.5	9	170	5	60
AEEX1A50	35 - 50	4.5	10	215	5	40
AEEX1A80	50 - 80	5.5	12	285	5	40
AEEX1AA2	80 - 120	6.0	13	345	5	30
AEEX1AA8	120 - 180	8.0	15	465	2	8





**3/8" DR. 6PT Flare Nut Crowfoot Wrench**

- Made of drop forged Chrome Molybdenum Alloy Steel
- Designed to provide access to the hard to reach fasteners
- Oversized wrench surfaces grip multiple sides to reduce rounding
- Chrome plated for maximum durability and corrosion resistance
- Ideal for use on soft fittings in aluminum, copper and brass



METRIC	ITEM NO.	SIZE(mm)	L(mm)	12PT	6PT
Satin	AEAV1210	10	36	40	400
Satin	AEAV1211	11	38	40	400
Satin	AEAV1212	12	38	40	400
Satin	AEAV1213	13	43	30	300
Satin	AEAV1214	14	43	30	300
Satin	AEAV1215	15	44	30	300
Satin	AEAV1216	16	44	30	300
Satin	AEAV1217	17	48	30	300
Satin	AEAV1218	18	48	30	300
Satin	AEAV1219	19	49	30	300

SAE	ITEM NO.	SIZE(inch)	L(mm)	12PT	6PT
Satin	AFAV1212	3/8	36	40	400
Satin	AFAV1214	7/16	38	40	400
Satin	AFAV1216	1/2	43	30	300
Satin	AFAV1218	9/16	43	30	300
Satin	AFAV1220	5/8	44	30	300
Satin	AFAV1222	11/16	48	30	300
Satin	AFAV1224	3/4	49	30	300
Satin	AFAV1228	7/8	56	20	200

**10PCS 3/8" DR. 6PT Flare Nut Crowfoot Wrench Set (METRIC)**



ITEM NO.	CONTENTS
GAAR1001	AEAV1210-1219

**8PCS 3/8" DR. 6PT Flare Nut Crowfoot Wrench Set (SAE)**



ITEM NO.	CONTENTS
GBAR0801	AFAV1212-1228

**Double End Swivel-Socket Wrench**

- Chrome Vanadium Steel Material
- Unique swivel function in design enables the socket end to rotate through 180° moment for convenient access to confined area



ITEM NO.	SIZE(mm)	L(mm)	12PT	6PT
AEEC0607	6x7	185	10	240
AEEC0809	8x9	185	10	160
AEEC0810	8x10	185	10	160
AEEC1011	10x11	200	10	80
AEEC1012	10x12	205	10	80
AEEC1213	12x13	220	10	80
AEEC1214	12x14	225	10	80
AEEC1415	14x15	242	10	80
AEEC1417	14x17	244	10	80
AEEC1617	16x17	258	5	40
AEEC1719	17x19	260	5	40
AEEC1819	18x19	270	5	40
AEEC2022	20x22	305	5	30

**POUCH BAG - GREEN 7PCS Double End Swivel-Socket Wrench Set**



ITEM NO.	CONTENTS
GAAA0704	AEEC0607-1819

**POUCH BAG - BLACK 7PCS Double End Swivel-Socket Wrench Set**



ITEM NO.	CONTENTS
GPAQ0701	AEEC0607-1819

**METAL BOX 7PCS Double End Swivel-Socket Wrench Set**



ITEM NO.	CONTENTS
GAAD0703	AEEC0607-1819

**Swivel-Socket Combination Wrench**

- Chrome Vanadium Steel Material
- Unique swivel function in design enables the socket end to rotate through 180° moment for convenient access to confined area



ITEM NO.	SIZE(mm)	L(mm)	12PT	6PT
AEEB0808	8	170	20	240
AEEB0909	9	170	20	240
AEEB1010	10	180	15	180
AEEB1111	11	190	10	120
AEEB1212	12	195	10	120
AEEB1313	13	210	10	80
AEEB1414	14	223	10	80
AEEB1515	15	223	10	80
AEEB1616	16	235	5	40
AEEB1717	17	235	5	40
AEEB1818	18	255	5	40
AEEB1919	19	255	5	40

**1/4" Square Drive & Bit Holder Swivel Wrench**

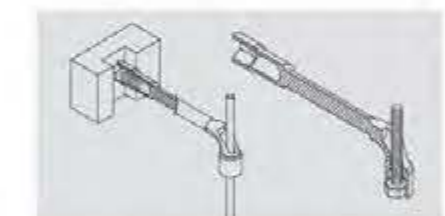
- Chrome Vanadium Steel Material
- Swivel head design for working in areas with restricted access



ITEM NO.	SIZE	L(mm)	12PT	6PT
AREA0808	1/4" Dr. x 1/4"	185	10	80

**Angled Socket Wrench**

- Chrome Vanadium Steel Material
- Unique designed open hole on the angle socket end allows access to nuts fitted onto protruding threads



ITEM NO.	SIZE(mm)	L(mm)	12PT	6PT
AEAE0606	6	100	10	320
AEAE0707	7	100	10	320
AEAE0808	8	120	10	160
AEAE0909	9	122	10	160
AEAE1010	10	135	10	160
AEAE1111	11	135	10	160
AEAE1212	12	145	5	60
AEAE1313	13	149	5	60
AEAE1414	14	160	5	60
AEAE1515	15	165	5	60
AEAE1616	16	185	5	40
AEAE1717	17	185	5	40
AEAE1818	18	200	5	40
AEAE1919	19	200	2	16
AEAE2020	20	210	2	16
AEAE2121	21	210	2	16
AEAE2222	22	230	2	16
AEAE2323	23	228	2	12
AEAE2424	24	230	2	12
AEAE2525	25	232	2	12
AEAE2626	26	268	2	12
AEAE2727	27	268	2	12
AEAE2828	28	270	2	12
AEAE2929	29	285	2	12
AEAE3030	30	299	2	12
AEAE3232	32	310	2	12

**POUCH BAG - BLACK 9PCS Angled Socket Wrench Set**



ITEM NO.	CONTENTS
GPAQ0901	AEAE0808-1919

**Double End Socket Wrench**

- Chrome Vanadium Steel Material
- With hexagonal shaft and hole, designed for turning and tightening with steel bar or wrench



ITEM NO.	SIZE(mm)	L(mm)	12PT	6PT
AEBE0607	6x7	105	10	320
AEBE0809	8x9	110	10	160
AEBE1011	10x11	120	10	160
AEBE1213	12x13	140	10	160
AEBE1415	14x15	145	10	160
AEBE1617	16x17	155	8	128
AEBE1819	18x19	165	4	64
AEBE2022	20x22	170	4	64
AEBE2123	21x23	185	4	64
AEBE2426	24x26	190	2	16
AEBE2528	25x28	205	2	16
AEBE2729	27x29	210	2	16
AEBE3032	30x32	212	2	16

**METAL BOX 10PCS Double End Socket Wrench Set**



**METAL BOX 15PCS Double End Socket Wrench Set**



**Tommy Bars**

- Chrome Vanadium Steel Material
- For use in combination with AEBE series wrenches



ITEM NO.	CAPACITY (mm)	L(mm)	12PT	6PT
ALEB0611	6x7 - 10x11	100	30	540
ALEB1223	12x13 - 21x23	170	25	300
ALEB2432	24x26 - 30x32	290	15	90

ITEM NO.	CONTENTS
GAAD1010	AEBE0607-2022 Double End Socket Wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm + ALEB0611 & 1223 Tommy Bars 100 & 170 mm(L) METAL CASE: W370 x D154 x H50 (mm)

ITEM NO.	CONTENTS
GAAD1510	AEBE0607-3032 Double End Socket Wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x26, 25x28, 30x32 mm + ALEB0611-2432 Tommy Bars 100, 170, 290 mm(L) METAL CASE: W445 x D188 x H50 (mm)



**Double-End Truck Wrench W/Bar**

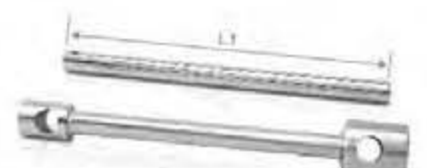
- Chrome Vanadium Steel Material
- Wheel nut removal tools
- 6-point socket wrench



ITEM NO.	SIZE (mm)	Bar Size (Dia. x L1)	L (mm)	6PT	6PT
CTIA2427	24x27	Ø3/4"x16"	406	2	8
CTIA2730	27x30	Ø3/4"x16"	406	2	8
CTIA2732	27x32	Ø3/4"x16"	406	2	8
CTIA3032	30x32	Ø3/4"x16"	406	2	8
CTIA3233	32x33	Ø3/4"x16"	406	2	8
CTIA3238	32x38	Ø3/4"x16"	406	2	8

**Double-End Truck Wrench W/Bar**

- Chrome Vanadium Steel Material
- For off-road Budd-type wheels



ITEM NO.	SIZE (mm)	Bar Size (Dia. x L1)	L (mm)	6PT	6PT
CTIB3517	35 x 17 Sq.	Ø1"x16"	330	2	8
CTIB3821	38 x 21 Sq.	Ø1"x16"	430	2	8
CTIB4121	41 x 21 Sq.	Ø1"x16"	430	2	8



**Foldable Cross Rim Wrench**

- Chrome Vanadium Steel Material



ITEM NO.	SIZE (mm)	L (inch)	6PT	6PT
AEAQ2214	17 x 19 x 21 x 22	14	4	16

**4-Way Wheel Nut Wrench**

- Chrome Vanadium Steel Material
- Specially designed handle for quick removal of wheel bolts



ITEM NO.	SIZE (mm)	L (inch)	6PT	6PT
AEAL1616	17 x 19 x 21mm x 1/2" Dr.	16	5	15

**4-Way Wheel Nut Wrench**

- Chrome Vanadium Steel Material
- Specially designed handle for quick removal of wheel bolts



• Heavy-duty forged four way wheel nut wrench. Fits most vans and trucks. 24, 27 and 32mm flange drive hexagons, and 3/4" square drive. Heat treated Chrome Vanadium Alloy Steel. 22mm dia. Arm length: 700 mm.

ITEM NO.	SIZE (mm)	L (inch)	6PT	6PT
AEAL2401	24 x 27 x 32mm x 3/4" Dr.	27.5	5	

**T-Handle Socket Wrench**

- Chrome Vanadium Steel Material



ITEM NO.	SIZE (mm)	L1 (mm)	L (mm)	6PT	6PT
CTNA0830	8	200	310	10	40
CTNA0930	9	200	310	10	40
CTNA1030	10	200	310	10	40
CTNA1130	11	200	310	10	40
CTNA1230	12	200	310	10	40
CTNA1330	13	200	310	10	40
CTNA1430	14	200	310	10	40
CTNA1730	17	250	312	5	20
CTNA1930	19	250	312	5	20

**Sliding T-Handle Socket Wrench**



ITEM NO.	SIZE (mm)	L1 (mm)	L (mm)	6PT	6PT
CTDA0831	8	200	310	10	40
CTDA0931	9	200	310	10	40
CTDA1031	10	200	310	10	40
CTDA1131	11	200	310	10	40
CTDA1231	12	200	310	10	40
CTDA1331	13	200	310	10	40
CTDA1431	14	200	310	10	40
CTDA1731	17	200	310	10	40
CTDA1931	19	200	310	10	40

**Ball Swivel Magnetic Spark Plug Socket T-Handle**

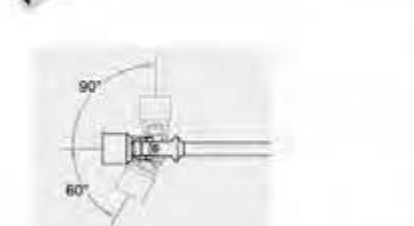
- Made of Chrome Vanadium Steel Material
- T-handle and magnetized socket with swivels joint
- Ideal for accessing narrow area



ITEM NO.	SIZE (mm)	Extension Drive (mm)	L1 (mm)	L (mm)	6PT	6PT
CTHB1645	16	3/8"	200	450	10	30
CTHB2145	21	3/8"	200	450	8	24

**Jointed Socket Sliding T-Wrench**

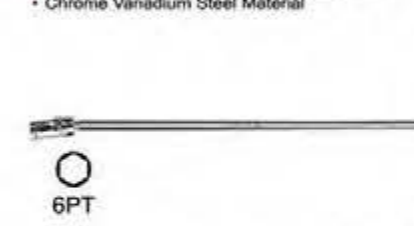
- Made of Chrome Vanadium Steel Material
- Easy to use T-handle tools
- Equipped with universal joint can adjust the operating angle for easy access spots



ITEM NO.	SIZE (mm)	Extension Drive (mm)	L1 (mm)	L (mm)	6PT	6PT
CTKB1206	6	3/8"	200	390	10	40
CTKB1207	7	3/8"	200	390	10	40
CTKB1208	8	3/8"	200	390	10	40
CTKB1209	9	3/8"	200	390	10	40
CTKB1210	10	3/8"	200	500	10	40
CTKB1211	11	3/8"	200	500	10	40
CTKB1212	12	3/8"	200	500	10	40
CTKB1213	13	3/8"	200	500	10	40
CTKB1214	14	3/8"	200	500	10	40
CTKB1215	15	3/8"	200	500	10	40
CTKB1216	16	3/8"	200	500	10	40
CTKB1217	17	3/8"	200	500	10	40
CTKB1218	18	3/8"	200	500	10	40
CTKB1219	19	3/8"	200	500	10	40
CTKB1222	22	1/2"	200	500	10	20

**Ball Swivel Socket Sliding T-Handle**

- Chrome Vanadium Steel Material



ITEM NO.	SIZE (mm)	L1 (mm)	L (mm)	6PT	6PT
CTBA0832	8	200	320	10	40
CTBA1032	10	200	320	10	40
CTBA1132	11	200	320	10	40
CTBA1232	12	200	320	10	40
CTBA1332	13	200	320	10	40
CTBA1432	14	200	320	10	40
CTBA0860	8	200	600	10	40
CTBA1060	10	200	600	10	40
CTBA1160	11	200	600	10	40
CTBA1260	12	200	600	10	40
CTBA1360	13	200	600	10	40
CTBA1460	14	200	600	10	40

**Jointed Socket Sliding T-Wrench**

- Made of Chrome Vanadium Steel Material
- Easy to use T-handle tools
- Equipped with universal joint can adjust the operating angle for easy access spots



ITEM NO.	SIZE (mm)	Extension Drive (mm)	L1 (mm)	L (mm)	6PT	6PT
CTKA0806	6	1/4"	160	400	10	40
CTKA0807	7	1/4"	160	400	10	40
CTKA0809	9	1/4"	160	400	10	40
CTKA1210	10	3/8"	200	450	10	40
CTKA1212	12	3/8"	200	450	10	40
CTKA1213	13	3/8"	200	450	10	40
CTKA1214	14	3/8"	200	450	10	40
CTKA1215	15	3/8"	200	450	10	40
CTKA1216	16	3/8"	200	450	10	40
CTKA1217	17	3/8"	200	450	10	40
CTKA1218	18	3/8"	200	450	10	40
CTKA1219	19	3/8"	200	450	10	40

**Flexible Drivers with Sliding T-Handle**

- Made of Chrome Vanadium Steel Material
- Easy to use T-handle tools
- Use 1/4", 3/8" or 1/2" square drive attachments such as sockets, hex drives, crowfoot wrench or swivels



ITEM NO.	DRIVE	Extension Drive (mm)	L1 (mm)	L (mm)	6PT	6PT
CTLA0840	1/4"	1/4"	160	400	10	40
CTLA1245	3/8"	3/8"	200	450	10	40
CTLA1650	1/2"	1/2"	230	500	10	20

**Mini 3 Way T-Handle Socket Wrench**

- Made of Chrome Vanadium Steel Material
- Most common sockets sizes in one compact T-type wrench
- Polished chrome finish
- 6-point socket wrench



ITEM NO.	SIZE (mm)	L1 (mm)	L (mm)	6PT	6PT
CTMA0810	8x10x12	135	145	30	90

**Hex Nut Driver T-Handle**

- Chrome Vanadium Steel Material



ITEM NO.	SIZE (mm)	L1 (mm)	L (mm)	6PT	6PT
CTJA0523	5	95	230	5	30
CTJA0623	6	95	230	5	30
CTJA0723	7	95	230	5	30
CTJA0823	8	95	230	5	30
CTJA0923	9	95	230	5	30
CTJA1023	10	95	230	5	30
CTJA1123	11	95	230	5	30
CTJA1223	12	95	230	5	30
CTJA1323	13	95	230	5	30
CTJA1423	14	95	230	5	30

**8PCS Hex Nut Driver T-Handle Set**



ITEM NO. GZC0902  
CONTENTS: 8 CTJA0723-CTJA1423 Hex Nut Driver T-Handle 7, 8, 9, 10, 11, 12, 13, 14 mm  
PLASTIC BOX: W373 x D289 x H56 (mm)



## Digital Torque / Angle Wrench with Reversible Ratchet Insert Tool

- Torque accuracy: CW  $\pm 2\%$  & CCW  $\pm 3\%$  tolerance of the set scale value
- Angle accuracy:  $\pm 2^\circ$  (rotating  $90^\circ$  at speed of  $30^\circ/\text{sec}$ )
- Operating mode: Peak hold mode (peak value detection) / Track mode (continuous display)
- Unit selection: Nm, Ft-Lb, In-Lb, Kg-cm and Degree
- Rotation angle range: Up to  $999^\circ$
- Storage memory: 50 Readings

- 12 way lights and buzzer when torque value is reached
- Low battery indicator and auto shut off (after 2 minutes)
- Exchangeable ratchet head design, suitable for 9x12 mm or 14x18 mm head size
- 2 position, 52 teeth ratcheting mechanism: Forward / Reverse
- Ergonomically designed bi-component soft grip handle
- Tested and certified according to DIN EN ISO 6789, BS EN 26789, ASME B107.28



Torque Accuracy	CW $\pm 2\%$ / CCW $\pm 3\%$
Angle Accuracy	$\pm 2^\circ$ (rotating $90^\circ$ at speed of $30^\circ/\text{sec}$ )
Storage Memory	50 Readings
Unit Selection	Nm, Ft-Lb, In-Lb, Kg-cm, degree
Operating Mode	Peak Hold Mode / Track Mode
Head Size ■ (W x H)	9 x 12 mm - DT-030A2 & DT-135A3 14 x 18 mm - DT-200A4 & DT-340A4
Head Type	Round Head Ratchet Insert
Gear Teeth	52 Teeth
Ratcheting Mechanism	Clockwise / Counterclockwise
Working Temperature	$-10^\circ\text{C} \sim 60^\circ\text{C}$
Storage Temperature	$-20^\circ\text{C} \sim 70^\circ\text{C}$
Humidity	Up to 90% non-condensing
Battery	1.5V AA x 2pcs
Battery Life	110 Hours
Auto Shut Off	2 Minutes (when not in use)



### Digital Torque / Angle Wrench with Reversible Ratchet Insert Tool

ITEM NO.	HEAD SIZE (mm)	Torque Range				Reversible Ratchet	L (mm)	⚙️
		(Nm)	(Ft-Lb)	(In-Lb)	(Kg-cm)			
DT-030A2	9 x 12	1.5-30	1.11-22.12	13.3-265.5	15.3-306.1	1/4"	390	6
DT-135A3	9 x 12	6.8-135	5.0-99.5	60-1195	69-1378	3/8"	410	6
DT-200A4	14 x 18	10-200	7.4-147.5	88-1770	102-2041	1/2"	520	6
DT-340A4	14 x 18	17-340	12.5-250.7	150-3009	173-3469	1/2"	640	6

## Digital Torque Wrench with Reversible Ratchet Insert Tool

- Torque accuracy: CW  $\pm 2\%$  & CCW  $\pm 3\%$  tolerance of the set scale value
- Operating mode: Peak hold mode (peak value detection) / Track mode (continuous display)
- Torque unit selection: Nm, Ft-Lb, In-Lb, Kg-cm
- Storage memory: 50 readings
- 12 way lights and buzzer when torque value is reached

- Low battery indicator and auto shut off (after 5 minutes)
- The ratchet is exchangeable, providing the option of using a 9x12 mm or 14x18 mm head size
- 2 position, 52 teeth ratcheting mechanism: Forward / Reverse
- Ergonomically designed bi-component soft grip handle
- Tested and certified according to DIN EN ISO 6789, BS EN 26789, ASME B107.28



Torque Accuracy	CW $\pm 2\%$ / CCW $\pm 3\%$
Storage Memory	50 Readings
Torque Unit Selection	Nm, Ft-Lb, In-Lb, Kg-cm
Operating Mode	Peak Hold Mode / Track Mode
Head Size ■ (W x H)	9 x 12mm - DT-030I2 & DT-135I3 14 x 18 mm - DT-200I4 & DT-340I4
Head Type	Round Head Ratchet Insert
Gear Teeth	52 Teeth
Ratcheting Mechanism	Clockwise / Counterclockwise
Working Temperature	$-10^\circ\text{C} \sim 60^\circ\text{C}$
Storage Temperature	$-20^\circ\text{C} \sim 70^\circ\text{C}$
Humidity	Up to 90% non-condensing
Battery	1.5V AA x 2pcs
Battery Life	110 Hours
Auto Shut Off	5 Minutes (when not in use)



### Digital Torque Wrench with Reversible Ratchet Insert Tool

ITEM NO.	HEAD SIZE (mm)	Torque Range				Reversible Ratchet	L (mm)	⚙️
		(Nm)	(Ft-Lb)	(In-Lb)	(Kg-cm)			
DT-030I2	9 x 12	1.5-30	1.11-22.12	13.3-265.5	15.3-306.1	1/4"	390	6
DT-135I3	9 x 12	6.8-135	5.0-99.5	60-1195	69-1378	3/8"	410	6
DT-200I4	14 x 18	10-200	7.4-147.5	88-1770	102-2041	1/2"	520	6
DT-340I4	14 x 18	17-340	12.5-250.7	150-3009	173-3469	1/2"	640	6



## Digital Torque Wrench - Short Handle Type

- Torque accuracy: CW  $\pm 2\%$  & CCW  $\pm 3\%$  tolerance of the set scale value
- Operating mode: Peak hold mode (peak value detection) / Track mode (continuous display)
- Torque unit selection: Nm, Ft-Lb, In-Lb, Kg-cm
- Storage memory: 50 readings

- Six way lights and buzzer when torque value is reached
- Low battery indicator and auto shut off (after 5 minutes)
- 2 position, 48 teeth ratcheting mechanism: Forward / Reverse
- Ergonomically designed bi-component soft grip handle
- Tested and certified according to DIN EN ISO 6789, BS EN 26789, ASME B107.28



Torque Accuracy	CW $\pm 2\%$ / CCW $\pm 3\%$
Storage Memory	50 Readings
Torque Unit Selection	Nm, Ft-Lb, In-Lb, Kg-cm
Operating Mode	Peak Hold Mode / Track Mode
Gear Teeth	48Teeth
Ratcheting Mechanism	Clockwise / Counterclockwise
Working Temperature	-10°C ~ 60°C
Storage Temperature	-20°C ~ 70°C
Humidity	Up to 90% non-condensing
Battery	1.5V AAA x 2pcs
Battery Life	48 Hours
Auto Shut Off	5 Minutes (when not in use)



### Digital Torque Wrench - Short Handle Type

ITEM NO.	DRIVE	Torque Range				L (mm)	⚠
		(Nm)	(Ft-Lb)	(In-Lb)	(Kg-cm)		
DT-030S2	1/4"	1.5~30	1.11~22.12	13.3~265.5	15.3~306.1	221	12
DT-055S3	3/8"	4.2~85	3.1~62.7	37~752	43~867	271	12
DT-135S4	1/2"	6.8~135	5.0~99.5	60~1195	69~1378	380	6

## TOPTUL DIGITAL TORQUE WRENCH



### Digital Torque Wrench

- Torque accuracy: CW  $\pm 1\%$  & CCW  $\pm 1.5\%$  tolerance of the set scale value
- Precise reading accuracy for a minimum 5,000 tightening cycles
- Operating mode: Peak hold mode (peak value detection) / Track mode (continuous display)
- Torque unit selection: Nm, Ft-Lb, In-Lb, Kg-m
- Storage memory: 10 readings
- Three way lights and buzzer when torque value is reached
- Low battery indicator and auto shut off (after 65 seconds)
- 3 position, 32 teeth ratcheting mechanism: Clockwise / Fixed / Counterclockwise
- Ergonomically designed bi-component soft grip handle
- Tested and certified according to DIN EN ISO 6789, BS EN 26789



Torque Accuracy	CW $\pm 1\%$ / CCW $\pm 1.5\%$
Storage Memory	10 Readings
Torque Unit Selection	Nm, Ft-Lb, In-Lb, Kg-m
Display Resolution	0.01 Nm, 0.01 Ft-Lb, 0.1 In-Lb, 0.01 Kg-m (DT-030N) 0.1 Nm, 0.1 Ft-Lb, 1 In-Lb, 0.01 Kg-m (DT-100N, DT-200N)
Operating Mode	Peak Hold Mode / Track Mode
Gear Teeth	32 Precision Teeth
Ratcheting Mechanism	Clockwise / Fixed / Counterclockwise
Working Temperature	-10°C ~ 55°C
Storage Temperature	-40°C ~ 85°C
Humidity	0 ~ 90%
Battery	1.5V AAA x 3pcs (DT-030N) 1.5V AA x 3pcs (DT-100N, DT-200N)
Battery Life	200 Hours
Auto Shut Off	65 Seconds (when not in use)



ITEM NO.	DRIVE	Torque Range				L (mm)	⚠
		(Nm)	(Ft-Lb)	(In-Lb)	(Kg-m)		
DT-030N	1/4"	3.00~30.00	2.21~22.13	26.5~265.5	0.30~3.05	359	12
DT-100N	3/8"	10.0~100.0	7.3~73.7	88~885	1.02~10.20	440	12
DT-200N	1/2"	20.0~200.0	14.7~147.5	176~1769	2.03~20.38	530	6



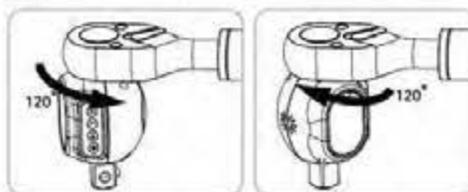


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YOUR BEST WORKING PARTNERS



**Digital Torque Adapter**

- Torque accuracy: CW  $\pm 2\%$  & CCW  $\pm 2\%$  tolerance of the set scale value
- Precise reading accuracy for a minimum 5000 tightening cycles
- Operating mode: Peak hold mode (peak value detection) / Track mode (continuous display)
- Torque unit selection: Nm, Ft-Lb, In-Lb, Kg-m, Kg-cm
- Storage memory: 10 sets
- Low battery indicator and auto shut off (after 3 minutes)
- Large LCD display for clear reading
- Tested and certified according to DIN EN ISO 6789, BS EN 26789
- Buzzer & LED indication for pre-settable target torque



Rotatable mechanism design can reach total 240° view area for easily reading the torque value on the LCD display.



Torque Accuracy	CW $\pm 2\%$ / CCW $\pm 2\%$
Storage Memory	10 Sets
Torque Unit Selection	Nm, Ft-Lb, In-Lb, Kg-m, Kg-cm
Display Resolution	0.1 Nm, 0.1 Ft-Lb, 1 In-Lb, 0.01 Kg-m, 1 Kg-cm
Operating Mode	Peak Hold Mode / Track Mode
Working Temperature	-10°C ~ 60°C
Storage Temperature	-20°C ~ 70°C
Humidity	0 ~ 90%
Battery	3V CR2032 x 1pc
Battery Life	50 Hours
Auto Shut Off	3 Minutes (when not in use)



ITEM NO.	DRIVE	Torque Range					L (mm)	Icon
		(Nm)	(Ft-Lb)	(In-Lb)	(Kg-m)	(Kg-cm)		
DTA-030N	1/4"	6-30	4.4-22.1	53-265	0.61-3.06	61-306	75	48
DTA-135N	3/8"	27-135	19.9-99.6	238-1194	2.75-13.77	275-1377	75	48
DTA-200N	1/2"	40-200	29.5-147.6	354-1770	4.08-20.4	408-2040	75	48

**Digital Torque / Angle Adapter**

- Torque accuracy: CW  $\pm 3\%$  & CCW  $\pm 4\%$  tolerance of the set scale value
- Angle accuracy:  $\pm 2^\circ$  (rotating 90° at speed of 30°/sec)
- Operating mode: Peak hold mode (peak value detection) / Track mode (continuous display)
- Unit selection: Nm, Ft-Lb, In-Lb, Kg-cm, Degree
- Rotation angle range up to 999°

- Storage memory: 50 readings
- 12 way lights and buzzer when torque value is reached
- Low battery indicator and auto shut off (after 2 minutes)
- Tested and certified according to DIN EN ISO 6789, BS EN 26789, ASME B107.28



Torque Accuracy	CW $\pm 3\%$ / CCW $\pm 4\%$
Angle Accuracy	$\pm 2^\circ$ (rotating 90° at speed of 30°/sec)
Storage Memory	50 Readings
Unit Selection	Nm, Ft-Lb, In-Lb, Kg-cm, Degree
Operating Mode	Peak Hold Mode / Track Mode
Working Temperature	-10°C ~ 60°C
Storage Temperature	-20°C ~ 70°C
Humidity	Up to 90% non-condensing
Battery	1.5V AAA x 2pcs
Battery Life	24 Hours
Auto Shut Off	2 Minutes (when not in use)



ITEM NO.	DRIVE	Torque Range					L (mm)	Icon
		(Nm)	(Ft-Lb)	(In-Lb)	(Kg-cm)	(mm)		
DTA-135A4	1/2"	6.8-135	5.0-99.5	60-1195	69-1378	80	18	
DTA-200A4	1/2"	10-200	7.4-147.6	88-1770	102-2041	80	18	
DTA-340A4	1/2"	17-340	12.5-250.7	150-3009	173-3469	80	18	

**Digital Angle Meter with Magnet**

- Angle accuracy:  $\pm 2^\circ$  (rotating 90° at speed of 30°/sec)
- Measuring unit: Degree
- Resolution: 0.1°
- Target range 1° - 360° (increment 1°)
- Rotation angle range up to 999°

- 9 preset target values
- Storage memory: 50 readings
- Clockwise and counterclockwise operation
- 6 way lights and buzzer when angle value is reached
- Low battery indicator and auto shut off (after 2 minutes)



Angle Accuracy	$\pm 2^\circ$ (rotating 90° at speed of 30°/sec)
Display Range	0° ~ 999°
Resolution	0.1°
Target Memory	9 Set
Rotation Range	1° ~ 360° (increment 1°)
Storage Memory	50 Readings
Working Temperature	-10°C ~ 60°C
Storage Temperature	-20°C ~ 70°C
Humidity	Up to 90% non-condensing
Battery	1.5V AAA x 2pcs
Battery Life	48 Hours
Auto Shut Off	2 Minutes (when not in use)



ITEM NO.	Rotation Range	Resolution	L (mm)	Icon
DTD-360A	1°-360°	0.1°	41	18





**Micrometer Adjustable Torque Wrench (Window Display)**

- Chrome Molybdenum Steel Ratchet Head
- Spring ball socket retention and push-button quick release
- Push to lock / pull to unlock scale setting feature
- Large digits for exact and easy-to-read torque setting
- Convex display simplified reading
- Ergonomically designed, Nylon material anti-slip handle
- Tolerance of torque accuracy  $\pm 3\%$

**Micrometer Adjustable Torque Wrench (Window Display)**

- Chrome Molybdenum Steel Ratchet Head
- Push to lock / pull to unlock scale setting feature
- Large digits for exact and easy-to-read torque setting
- Convex display simplified reading
- Ergonomically designed, Nylon material anti-slip handle
- Tolerance of torque accuracy  $\pm 3\%$



Safety Locking Design

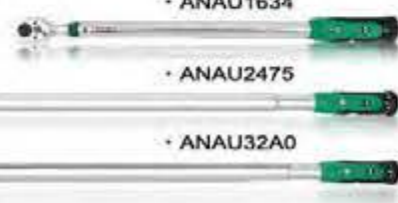


Easy Reading Screen

• ANAU1634

• ANAU2475

• ANAU32A0



ITEM NO.	DRIVE	CAPACITY	L(mm)	Gears
ANAU0803	1/4"	5-25Nm	323	6
ANAU1210	3/8"	20-100Nm	400	6
ANAU1620	1/2"	40-200Nm	517	6

ITEM NO.	DRIVE	CAPACITY	L(mm)	Gears
ANAU1634	1/2"	60-340Nm	622	4
ANAU2475	3/4"	150-750Nm	1195	2
ANAU32A0	1"	200-1000Nm	1490	2

**Micrometer Adjustable Torque Wrench (Window Display)**

- Chrome Molybdenum Steel Ratchet Head
- Flip reverse ratchet action
- Spring ball socket retention and push-button quick release
- Push to lock / pull to unlock scale setting feature
- Large digits for exact and easy-to-read torque setting
- Convex display simplifies reading
- Ergonomically designed, Nylon material anti-slip handle
- Tolerance of torque accuracy  $\pm 3\%$

• ANAM1610

• ANAM2475



1. Unlock adjustable handle.



2. Set the required torque by turning adjustable handle.



3. When torque value is selected and set. Lock adjustable handle. (To lock the handle, the arrow must be precisely pointed at the Digit/number)



4. After installing socket to nut or bolt, apply force on the handle and then stop applying force until hearing "click". The torque wrench will return to zero reset automatically.



ITEM NO.	DRIVE	CAPACITY	L(mm)	Gears
ANAM0803	1/4"	5-25Nm	290	10
ANAM1205	3/8"	10-50Nm	360	10
ANAM1610	1/2"	20-100Nm	405	10
ANAM1620	1/2"	40-200Nm	500	10
ANAM1630	1/2"	60-300Nm	595	10
ANAM1640	1/2"	80-400Nm	680	8

ITEM NO.	DRIVE	CAPACITY	L(mm)	Gears
ANAM2455	3/4"	110-550Nm	970	2
ANAM2475	3/4"	150-750Nm	1150	2
ANAM32A0	1"	200-1000Nm	1250	2

**Micrometer Adjustable Torque Wrench**

- Chrome Vanadium Steel Ratchet Head
- 3-Way Ratchet Drive Mechanism: Forward / Lock / Reverse
- Quick release button ensures firm socket retention and easy socket removal
- Easy torque adjustment, positive lock with spring loaded pull-down lock ring
- Applied to test torque clockwise and counterclockwise direction
- Comfortable ergonomic handle
- Tolerance of torque accuracy  $\pm 4\%$  CW and  $\pm 6\%$  CCW

**Micrometer Adjustable Torque Wrench**

- Chrome Vanadium Steel Ratchet Head
- 3-Way Ratchet Drive Mechanism: Forward / Lock / Reverse
- Easy torque adjustment, positive lock with spring loaded pull-down lock ring
- Applied to test torque clockwise and counterclockwise direction
- Comfortable ergonomic handle
- Tolerance of torque accuracy  $\pm 4\%$  CW and  $\pm 6\%$  CCW

**11PCS 1/2" DR. Torque Wrench Set**



ITEM NO.	CONTENTS	Gears
GAAI1102	• ANAF1621 1/2" Dr. Torque Wrench (40-210Nm) • BAEA1617-1627 1/2" Dr. 6PT Flank Sockets 17, 19, 21, 22, 24, 27 mm • BCDA1606-1612 1/2" Dr. Hex Bit Sockets 6, 8, 10, 12 mm BLOW CASE: W590 x D85 x H80 (mm)	6 (set)

ITEM NO.	DRIVE	CAPACITY	L(mm)	Gears
ANAS0803	1/4"	6-30Nm	230	20
ANAS1211	3/8"	20-110Nm	435	10
ANAS1621	1/2"	40-210Nm	495	10
ANAS1635	1/2"	70-350Nm	560	6

ITEM NO.	DRIVE	CAPACITY	L(mm)	Gears
ANAS2480	3/4"	100-800Nm	1000	2



**TOPTUL**  
MICROMETER ADJUSTABLE TORQUE WRENCH

**Torque Wrench**

- CR-V/CR-MO Steel Ratchet Head
- Equip flip reverse ratchet action function
- Unique push to lock/pull to unlock scale setting feature
- Ergonomically designed, TPR material anti-slip handle
- Tolerance of torque accuracy  $\pm 4\%$



ITEM NO.	DRIVE	CAPACITY	L(mm)	Gears
ANAG0825	1/4"	40-250In-LB	350	20
ANAG1225	3/8"	40-250In-LB	350	20
ANAG1208	3/8"	15-80Ft-LB	385	12
ANAG1615	1/2"	30-150Ft-LB	535	10
ANAG1625	1/2"	50-250Ft-LB	645	6
ANAG2430	3/4"	50-300Ft-LB	865	4
ANAG2460	3/4"	100-600Ft-LB	1092	4
ANAG2470	3/4"	100-700Ft-LB	1230	2
ANAG3270	1"	100-700Ft-LB	1230	2

**Torque Wrench**

- CR-V/CR-MO Steel Ratchet Head
- Equip flip reverse ratchet action function
- Unique push to lock/pull to unlock scale setting feature
- Ergonomically designed, TPR material anti-slip handle
- Tolerance of torque accuracy  $\pm 4\%$



ITEM NO.	DRIVE	CAPACITY	L(mm)	Gears
ANAF0803	1/4"	6-30Nm	350	20
ANAF1203	3/8"	6-30Nm	350	20
ANAF1211	3/8"	20-110Nm	385	12
ANAF1621	1/2"	40-210Nm	535	10
ANAF1635	1/2"	70-350Nm	645	6
ANAF2450	3/4"	100-500Nm	865	4
ANAF2470	3/4"	140-700Nm	1092	4
ANAF2498	3/4"	140-980Nm	1230	2
ANAF3298	1"	140-980Nm	1230	2



**Interchangeable Torque Handle**

- Unique push to lock/pull to unlock scale setting feature
- Ergonomically designed, TPR material anti-slip handle
- Tolerance of torque accuracy  $\pm 4\%$



ITEM NO.	HEAD SIZE	CAPACITY	L (mm)
ANAH0303	9x12	6-30Nm	280 12
ANAH0108	14x18	10-80Nm	360 12
ANAH0121	14x18	40-210Nm	509 10

**Interchangeable Torque Handle (Window Display)**

- Tolerance of torque accuracy  $\pm 4\%$



ITEM NO.	HEAD SIZE	CAPACITY	L (mm)
ANAJ0130	14x18	60-300Nm	575 6

**Spanner Head (Ring End)**

- CR-V Steel Head



ITEM NO.	HEAD SIZE	SIZE (mm)	L (mm)
ANAR0307	9x12	7	42 20 80
ANAR0308	9x12	8	42 20 80
ANAR0309	9x12	9	44 20 80
ANAR0310	9x12	10	45 20 80
ANAR0311	9x12	11	45 20 80
ANAR0312	9x12	12	46 20 80
ANAR0313	9x12	13	49 20 80
ANAR0314	9x12	14	50 20 80
ANAR0113	14x18	13	70 20 80
ANAR0114	14x18	14	70 20 80
ANAR0115	14x18	15	70 20 80
ANAR0116	14x18	16	73 20 80
ANAR0117	14x18	17	73 20 80
ANAR0119	14x18	19	75 15 80
ANAR0122	14x18	22	77 10 40
ANAR0124	14x18	24	78 10 40
ANAR0126	14x18	26	78 10 40
ANAR0127	14x18	27	82 10 40
ANAR0129	14x18	29	85 10 40
ANAR0130	14x18	30	87 10 40
ANAR0132	14x18	32	87 10 40

**Spanner Head (Open End)**

- CR-V Steel Head



ITEM NO.	HEAD SIZE	SIZE (mm)	L (mm)
ANAK0307	9x12	7	37 25 100
ANAK0308	9x12	8	37 25 100
ANAK0309	9x12	9	38 25 100
ANAK0310	9x12	10	39 25 100
ANAK0311	9x12	11	39 25 100
ANAK0312	9x12	12	40 25 100
ANAK0313	9x12	13	42 25 100
ANAK0314	9x12	14	42 25 100
ANAK0315	9x12	15	42 20 80
ANAK0316	9x12	16	43 20 80
ANAK0317	9x12	17	43 20 80
ANAK0318	9x12	18	46 20 80
ANAK0319	9x12	18	46 20 80
ANAK0113	14x18	13	63 20 80
ANAK0114	14x18	14	63 20 80
ANAK0115	14x18	15	64 20 80
ANAK0116	14x18	16	64 20 80
ANAK0117	14x18	17	64 20 80
ANAK0118	14x18	18	65 20 80
ANAK0119	14x18	19	65 20 80
ANAK0121	14x18	21	66 10 40
ANAK0122	14x18	22	66 10 40
ANAK0124	14x18	24	67 10 40
ANAK0126	14x18	26	70 10 40
ANAK0127	14x18	27	70 10 40
ANAK0129	14x18	29	74 10 40
ANAK0130	14x18	30	74 10 40
ANAK0132	14x18	32	77 10 40
ANAK0134	14x18	34	82 10 40
ANAK0136	14x18	36	82 10 40
ANAK0138	14x18	38	82 10 40
ANAK0141	14x18	41	83 5 20
ANAK0146	14x18	46	86 5 20

**Ratchet Head**

- CR-MO Steel Ratchet Head
- 24 teeth



ITEM NO.	HEAD SIZE	DRIVE	L (mm)
ANAL0412	9x12	3/8"	56 25 100
ANAL0216	14x18	1/2"	78 10 40
ANAL0116	14x18	1/2"	94 10 40

**8PCS**

**1/2" DR. Head-Interchangeable Spanner Torque Wrench Set**



ITEM NO.	CONTENTS
GAAI0801	1 ANAH0108 14x18 Head Size Interchangeable Torque Handle (10-80Nm) 1 ANAL0216 1/2" Dr. Ratchet Head 1 ANAK0117-0129 Spanner Head 17, 22, 24, 26, 27, 29 mm BLOW CASE: W420 x D210 x H55 (mm)

**10PCS**

**3/8" DR. Head-Interchangeable Spanner Torque Wrench Set**



ITEM NO.	CONTENTS
GAAI1001	1 ANAH0303 9x12 Head Size Interchangeable Torque Handle (6-30Nm) 1 ANAL0412 3/8" Dr. Ratchet Head 1 ANAK0307-0314 Spanner Head 7, 8, 9, 10, 11, 12, 13, 14 mm BLOW CASE: W360 x D140 x H64 (mm)

**11PCS**

**1/2" DR. Head-Interchangeable Spanner Torque Wrench Set**



ITEM NO.	CONTENTS
GAAI1101	1 ANAH0121 14x18 Head Size Interchangeable Torque Handle (40-210Nm) 1 ANAL0116 1/2" Dr. Ratchet Head 1 ANAK0113-0130 Spanner Head 13, 14, 15, 17, 19, 22, 24, 27, 30 mm BLOW CASE: W545 x D146 x H55 (mm)

**1/2" DR. Torque Wrench**



- Tolerance of torque accuracy  $\pm 4\%$
- Tested and certified according to DIN EN ISO 6789, DIN 3122

ITEM NO.	CAPACITY	L (mm)
ANAC1607	65Ft-LB/88 Nm	578 12
ANAC1608	80Ft-LB/108 Nm	578 12
ANAC1610	100Ft-LB/135 Nm	578 12
ANAC1612	120Ft-LB/163 Nm	578 12
ANAC1614	140Ft-LB/190 Nm	578 12

**2PCS**

**1/4" DR. Torque Screwdriver Set**

- Easy to read window scale
- Clockwise operation device
- 1/4" square driver head for sockets, bit holders and accessories
- Micrometer scale graduation: 0.5 Nm
- Actuation accuracy:  $\pm 6\%$  tolerance of the set scale value
- Test certificate in accordance with DIN EN ISO 6789 national standard



ITEM NO.	CONTENTS
GCAI0201	1 ANAD0808 1/4" Dr. Torque Screwdriver 1-8 Nm (L=154mm) 1 FTAB0808 1/4" Dr. x 1/4" (H) Quick Change Bit Holder (L=25mm) BLOW CASE: W200 x D68 x H57 (mm)

**2PCS**

**1/4" Hex Drive Torque Screwdriver Set**

- Reduced weight and size specifically designed for low torque application
- Clockwise operation device
- Easy to read window scale
- 1/4" female hexagon drive for use with 1/4" hexagon bits
- Ease of use, additional 1/4" female square drive on the handle accommodates T-handle, ratchet handle and etc.
- Micrometer scale graduation: 0.1 Nm
- Actuation accuracy:  $\pm 6\%$  tolerance of the set scale value
- Test certificate in accordance with DIN EN ISO 6789 national standard



**1/4" Hex Drive Torque Screwdriver**

- Clockwise and counterclockwise operation device
- 1/4" female hexagon drive for use with 1/4" hexagon bits
- Actuation accuracy:  $\pm 6\%$  tolerance of the set scale value
- Test certificate in accordance with DIN ISO 6789 national standard
- Ergonomically designed anti-slip grip handle



ITEM NO.	CAPACITY	1 ON FINE SCALE	L (mm)
ANCD081B	10-120 cNm	1 cNm	180 24
ANCD080B	1-6 Nm	0.1 Nm	200 24

ITEM NO.	CONTENTS
GCAI0202	1 ANBD0808 1/4" Hex Drive Torque Screwdriver 1.5-8 Nm (L=162mm) 1 CTCK0811 1/4" Dr. Sliding T-handle (L=115mm) BLOW CASE: W200 x D68 x H57 (mm)

**Professional Grade Torque Tester (Calibrator)**



ITEM NO.	IEA040400
<b>TECHNICAL SPECIFICATION</b>	
Calibration Range	40-400 Nm
Display	5 alphanumeric digits max.
Accuracy	$\pm 0.5\%$
Units of Measurement	Nm, Ft-Lb, In-Lb, Kg-cm
Operating Temperature	+5°C-+40°C
Storage Temperature	0°C-+50°C
Operating Humidity	25-85 % RH
Power Supply	90-260 V.A.C. at 50/60 Hz.
Power Consumption	Less than 1.5 Watt
Power Cable	1.8 Meter
Base Material	Anodized Aluminum Alloy
Dimension	850(L)x650(W)x450(H) mm
PC Connection	RS 232
Net Weight	38.2Kg

\* Includes 3 Test Drive Adapter: 3/8", 1/2" & 3/4" S.Q. Drive



## DIGITAL TORQUE TESTER

- Torque reading accuracy:  $\pm 1\%$  or  $\pm 3$  digit accuracy
- Operating Mode : Peak Hold Mode / Track Mode / First Peak Mode
- Possibility to enter target torque setting and percentage tolerance setting
- Buzzer and LED lights indicator for the target torque alarm
- Large LCD display for clear reading of the values
- Torque tester supplied with DIN EN ISO 6789 calibration certificate



• IEB100A00



- IEB007068 include 3/8" (M) x 1/4" (F) adapter
- IEB035350 include 1/2" (M) x 3/8" (F) adapter



Torque Accuracy	$\pm 1\%$ or $\pm 3$ digit accuracy
Operating Mode	Peak Hold Mode / Track Mode / First Peak Mode
Units of Measurement	Nm, Ft-Lb, In-Lb, Kg-cm
Operating Mechanism	Clockwise only
Operation Temperature	+5°C ~ +40°C
Storage Temperature	-20°C ~ +70°C
Humidity	Up to 90% non-condensing
Power Supply (AC/DC Adapter)	AC 100-240V at 50-60Hz input DC 12V 1A output
Bright LED	6 LEDs
PC Connection	USB cable
Dimension	162(L) x 144(W) x 91(H)

\* IEB100A00 provides Nm, Ft-Lb measurement only



### Digital Torque Tester

ITEM NO.	DRIVE	Torque Calibration Range			BLOW CASE	
		(Nm)	(Ft-Lb)	(In-Lb)		
IEB007068	1/4" Dr. & 3/8" Dr. (F)	6.80-68.00	5.01-50.10	60.2-602.0	69.4-694.0	2
IEB035350	3/8" Dr. & 1/2" Dr. (F)	35.0-350.0	25.8-258.1	310-3097	357-3571	2
IEB100A00	27mm Hex. (M)	100-1000	74-738	-	-	2

BLOW CASE: W400 x D320 x H150 (mm)

### Torque Multiplier

- Torque Multiplier is made of Chrome Molybdenum Alloy Steel
- Tolerance of torque accuracy  $\pm 6\%$

DIN3122

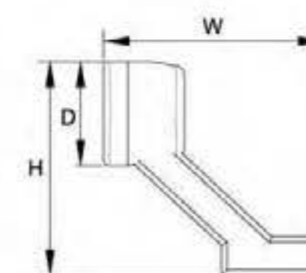


ITEM NO.	SIZE (CAPACITY)	Weight	Quantity
ANAE1624	Torque Multiplier 1/2" (F) x 3/4" (M) Input (Max.): 500Nm / 365Ft-Lb Output (Max.): 1500Nm / 1100Ft-Lb	1	4
ANAE2432	Torque Multiplier 3/4" (F) x 1" (M) Input (Max.): 1000Nm / 730Ft-Lb Output (Max.): 3000Nm / 2200Ft-Lb	1	4

BLOW CASE: W426 x D208 x H105 (mm)

### Reaction Arm

- Chrome-Molybdenum Steel
- Accessory kits for ANAE series only

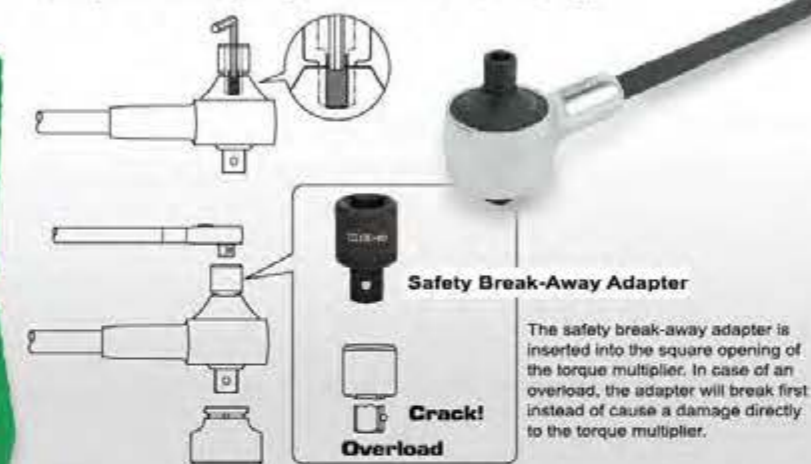


ITEM NO.	SIZE (WxDxH)mm	Application	Weight	Quantity
ALAE162414	115x55x117	ANAE1624	2	16
ALAE243214	180x72x155	ANAE2432	2	8

### 5PCS Torque Multiplier Set

- Gear Ratio - 1:4 Torque Ratio - 1:3.3
- Tolerance of torque accuracy  $\pm 10\%$

Use the attached hex key to fix the adapter to the torque multiplier square opening/female drive. (tightening the screw inside the square opening)



### Safety Break-Away Adapter

The safety break-away adapter is inserted into the square opening of the torque multiplier. In case of an overload, the adapter will break first instead of cause a damage directly to the torque multiplier.

ITEM NO.	CONTENTS	Weight	Quantity
ANBE2432	1 Torque Multiplier 3/4" (F) x 1" (M) Input (Max.): 758Nm / 560Ft-Lb Output (Max.): 2500Nm / 1845Ft-Lb 1 Reaction Arm 1 Safety Break-Away Adapter 1 90° Reaction Arm 1 90° Reaction Base	2	2 (SET)

BLOW CASE: W400 x D260 x H110 (mm)

90° Reaction Arm can be adjusted in the reaction base to use with both standard and deep sockets.





**2PCS**

**Torque Multiplier Set**

- Torque Multiplier is made of Chrome Molybdenum Alloy Steel
- High-efficiency planetary gear sets achieve high output torque from low input torque
- Gear Ratio - 1:12.8 Torque Ratio - 1:10
- Tolerance of torque accuracy ±6%
- Bar type design for easy access in confined spaces
- Applications: Industry, construction sites, car and truck garages, agricultural technology, bridge, aircraft and railway construction, shipbuilding, refineries and etc.



ITEM NO.	CONTENTS	1 (SET)
ANCE1624	• Torque Multiplier 1/2" (F) x 3/4" (M) Input (Max.): 150Nm / 110Ft-Lb Output (Max.): 1500Nm / 1100Ft-Lb • Reaction Arm	4 (SET)
BLOW CASE: W355 x D165 x H83 (mm)		

**5PCS**

**Torque Multiplier Set**

- Torque Multiplier is made of Chrome Molybdenum Alloy Steel
- High-efficiency planetary gear sets achieve high output torque from low input torque
- Gear Ratio - 1:12.8 Torque Ratio - 1:10
- Tolerance of torque accuracy ±6%
- Special anti backlash device can prevent incidental reverse force during operation
- Bar type design for easy access in confined spaces
- Applications: Industry, construction sites, car and truck garages, agricultural technology, bridge, aircraft and railway construction, shipbuilding, refineries and etc.



• Anti Backlash Device



ITEM NO.	CONTENTS	1 (SET)
ANCE1648	• Torque Multiplier 1/2" (F) x 1-1/2" (M) Input (Max.): 400Nm / 300Ft-Lb Output (Max.): 4000Nm / 3000Ft-Lb • Reaction Arm • Support Stand • Screw • Adapter • 1-1/2" (F) x 1" (M)	1 (SET)
BLOW CASE: W358 x D315 x H130 (mm)		

**3PCS**

**Industrial Torque Multiplier Set**

- Torque Multiplier is made of Chrome Molybdenum Alloy Steel
- High-efficiency planetary gear sets achieve high output torque from low input torque
- Additional safety break-away adapter to prevent direct damages to multiplier in case of overload
- Special anti backlash device can prevent incidental reverse force during operation
- Include reaction arm can easy to adjust reaction square and firm on an adjacent screw with an impact socket
- Gear Ratio - 1:5.5 Torque Ratio - 1:4.8
- Tolerance of torque accuracy ±5%
- Applications: Industry, construction sites, car and truck garages, agricultural technology, bridge, aircraft and railway construction, shipbuilding, refineries and etc.



- Safety Break-Away Adapter will protect and prevent the torque multiplier from damages caused by an overload.



ITEM NO.	CONTENTS	1 (SET)
ANDE2448	• Torque Multiplier 3/4" (F) x 1-1/2" (M) Input (Max.): 838Nm / 691Ft-Lb Output (Max.): 4500Nm / 3320Ft-Lb • Safety Break-Away Adapter	1 (SET)
BLOW CASE: W450 x D225 x H160 (mm)		

**PROFESSIONAL  
HAND TOOLS**



**HAND SOCKETS,  
BIT SOCKETS &  
ACCESSORIES SERIES**

Full range of flank sockets with maxi-drive.  
Available in 1/4", 3/8", 1/2", 3/4" & 1".







**TOPTUL**  
HAND SOCKETS

// 6PT Sockets

CR-V DIN3124



METRIC Mirror / Satin Chrome Finished

DRIVE	ITEM NO.	SIZE(mm)	L(mm)	W(mm)	H(mm)
1/4" 6.3mm sq.	BAEA0804	4	25	30	540
	BAEA0804E	4.5	25	30	540
	BAEA0805	5	25	30	540
	BAEA0805E	5.5	25	30	540
	BAEA0806	6	25	30	540
	BAEA0807	7	25	30	540
	BAEA0808	8	25	20	360
	BAEA0809	9	25	20	360
	BAEA0810	10	25	20	360
	BAEA0811	11	25	10	180
	BAEA0812	12	25	10	180
	BAEA0813	13	25	10	180
	BAEA0814	14	25	10	180
	3/8" 10mm sq.	BAEA1206	6	28	15
BAEA1207		7	28	15	270
BAEA1208		8	28	15	270
BAEA1209		9	28	15	270
BAEA1210		10	28	15	270
BAEA1211		11	28	15	270
BAEA1212		12	28	15	270
BAEA1213		13	28	10	180
BAEA1214		14	28	10	180
BAEA1215		15	28	10	160
BAEA1216		16	30	10	160
BAEA1217		17	30	10	160
BAEA1218		18	30	10	160
BAEA1219		19	30	10	160
1/2" 12.5mm sq.	BAEA1608	8	38	15	240
	BAEA1609	9	38	15	240
	BAEA1610	10	38	15	240
	BAEA1611	11	38	15	240
	BAEA1612	12	38	15	240
	BAEA1613	13	38	15	240
	BAEA1614	14	38	15	240
	BAEA1615	15	38	15	240
	BAEA1616	16	38	15	240
	BAEA1617	17	38	10	160
	BAEA1618	18	38	10	160
	BAEA1619	19	38	10	160
	BAEA1620	20	38	10	160
	BAEA1621	21	38	10	160
BAEA1622	22	40	10	160	
BAEA1623	23	40	10	160	
BAEA1624	24	40	10	100	
BAEA1625	25	42	10	100	
BAEA1626	26	42	10	100	
BAEA1627	27	44	10	100	
BAEA1628	28	44	10	100	
BAEA1629	29	44	10	100	
BAEA1630	30	45	10	100	
BAEA1631	31	45	10	100	
BAEA1632	32	45	10	100	
BAEA1634	34	45	5	40	

Satin Chrome Finished

DRIVE	ITEM NO.	SIZE(mm)	L(mm)	W(mm)	H(mm)
3/4" 20mm sq.	BAEA2419	19	50	5	80
	BAEA2421	21	50	5	80
	BAEA2422	22	50	5	80
	BAEA2423	23	50	5	80
	BAEA2424	24	51	5	80
	BAEA2426	26	52	5	80
	BAEA2427	27	52	5	80
	BAEA2428	28	52	5	40
	BAEA2429	29	52	5	40
	BAEA2430	30	54	5	40
	BAEA2432	32	56	5	40
	BAEA2433	33	56	5	40
	BAEA2434	34	56	5	40
	BAEA2435	35	58	5	40
	BAEA2436	36	58	5	40
	BAEA2437	37	60	5	40
	BAEA2438	38	60	5	40
	BAEA2439	39	62	5	40
	BAEA2440	40	62	2	16
	BAEA2441	41	64	2	16
BAEA2442	42	64	2	16	
BAEA2443	43	65	2	16	
BAEA2444	44	66	2	16	
BAEA2445	45	66	2	16	
BAEA2446	46	68	2	16	
BAEA2448	48	70	2	16	
BAEA2450	50	72	2	16	
BAEA2451	51	72	2	16	
BAEA2452	52	72	2	16	
BAEA2454	54	74	2	16	
BAEA2455	55	76	2	16	
BAEA2456	56	76	2	16	
BAEA2457	57	76	2	16	
BAEA2458	58	78	2	16	
BAEA2460	60	78	2	16	
BAEA2465	65	82	2	8	
BAEA2470	70	86	2	8	
BAEA3236	36	65	3	24	
BAEA3238	38	65	3	24	
BAEA3241	41	70	3	24	
BAEA3246	46	75	2	16	
BAEA3250	50	75	2	16	
BAEA3254	54	80	2	16	
BAEA3255	55	80	2	16	
BAEA3258	58	80	2	16	
BAEA3260	60	84	2	8	
BAEA3263	63	87	2	8	
BAEA3265	65	87	2	8	
BAEA3267	67	90	2	8	
BAEA3270	70	93	2	8	
BAEA3271	71	93	2	8	
BAEA3275	75	97	2	8	
BAEA3277	77	103	2	8	
BAEA3280	80	103	2	8	

// 20PCS

1/2" DR. 6PT Socket Set



ITEM NO.	CONTENTS
GABB2001	18 BAEA1608-1632 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32 1 CAAA1605 1/2" Dr. Extension Bar - 5" (L) 1 CJBG1627 1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release

// 13PCS

1/4" DR. 6PT Socket Rail Set



ITEM NO.	CONTENTS
GAAQ1301	18 BAEA0804-0814
GAAQ1308	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14

// 13PCS

3/8" DR. 6PT Socket Rail Set



ITEM NO.	CONTENTS
GAAQ1302	18 BAEA1207-1221
GAAQ1310	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21

// 11PCS

1/2" DR. 6PT Socket Rail Set



ITEM NO.	CONTENTS
GAAQ1104	18 BAEA1610-1622
GAAQ1103	10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22

// 37PCS

1/4", 3/8" & 1/2" DR. 6PT Socket Rail Set



ITEM NO.	CONTENTS
GAAQ3702	18 BAEA0804-0814
GAAQ3704	1/4" Dr. - 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 3/8" Dr. - 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21 1/2" Dr. - 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22

// 10PCS

1/2" DR. 6PT Socket Rail Set



ITEM NO.	CONTENTS
GAAG1007	8 BAEA1608-1622 8, 10, 12, 13, 14, 17, 19, 21, 22 1 AFAN1610 1/2" Dr. L-Handle (90° Offset) - 10" (L)

// 6PT Sockets

CR-V DIN3124



SAE Mirror Polished

DRIVE	ITEM NO.	SIZE(inch)	L(mm)	W(mm)	H(mm)
1/4" 6.3mm sq.	BBEA0805	5/32	25	30	540
	BBEA0806	3/16	25	30	540
	BBEA0807	7/32	25	30	540
	BBEA0808	1/4	25	30	540
	BBEA0809	9/32	25	30	540
	BBEA0810	5/16	25	20	360
	BBEA0811	11/32	25	20	360
	BBEA0812	3/8	25	20	360
	BBEA0814	7/16	25	10	180
	BBEA0816	1/2	25	10	180
3/8" 10mm sq.	BBEA1208	1/4	28	15	270
	BBEA1209	9/32	28	15	270
	BBEA1210	5/16	28	15	270
	BBEA1211	11/32	28	15	270
	BBEA1212	3/8	28	15	270
	BBEA1214	7/16	28	15	270
	BBEA1216	1/2	28	10	180
	BBEA1218	9/16	28	10	180
	BBEA1219	19/32	28	10	160
	BBEA1220	5/8	30	10	160
1/2" 12.5mm sq.	BBEA1611	11/32	38	15	240
	BBEA1612	3/8	38	15	240
	BBEA1614	7/16	38	15	240
	BBEA1616	1/2	38	15	240
	BBEA1618	9/16	38	15	240
	BBEA1619	19/32	38	15	240
	BBEA1620	5/8	38	15	240
	BBEA1621	21/32	38	10	160
	BBEA1622	11/16	38	10	160
	BBEA1624	3/4	38	10	160
BBEA1625	25/32	38	10	160	
BBEA1626	13/16	38	10	160	
BBEA1628	7/8	40	10	160	
BBEA1630	15/16	40	10	100	
BBEA1632	1	42	10	100	
BBEA1634	1-1/16	44	10	100	
BBEA1636	1-1/8	44	10	100	
BBEA1638	1-3/16	45	10	100	
BBEA1640	1-1/4	45	10	100	



**6PT Deep Sockets**



CR-V DIN3124

**13PCS**

1/4" DR. 6PT Deep Socket Rail Set



Satin Chrome Finished

ITEM NO.	CONTENTS
GAAQ1309	13 BAAE0804-0814 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14

**13PCS**

3/8" DR. 6PT Deep Socket Rail Set



Satin Chrome Finished

ITEM NO.	CONTENTS
GAAQ1311	13 BAAE1207-1221 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21

**11PCS**

1/2" DR. 6PT Deep Socket Rail Set



Satin Chrome Finished

ITEM NO.	CONTENTS
GAAQ1106	11 BAAE1610-1622 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22

**37PCS**

1/4", 3/8" & 1/2" DR. 6PT Deep Socket Rail Set



Satin Chrome Finished

ITEM NO.	CONTENTS
GAAQ3703	13 BAAE0804-0814 1/4" Dr. - 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 13 BAAE1207-1221 3/8" Dr. - 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21 11 BAAE1610-1622 1/2" Dr. - 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22

**6PT Deep Sockets**



CR-V DIN3124

SAE Mirror Polished

DRIVE ITEM NO. SIZE (inch) L (mm)

1/4"	BEE0805	5/32	50	20	360
1/4"	BEE0806	3/16	50	20	360
1/4"	BEE0807	7/32	50	20	360
1/4"	BEE0808	1/4	50	20	360
1/4"	BEE0809	9/32	50	20	360
1/4"	BEE0810	5/16	50	20	360
1/4"	BEE0811	11/32	50	20	320
1/4"	BEE0812	3/8	50	20	320
1/4"	BEE0814	7/16	50	20	320
1/4"	BEE0816	1/2	50	20	320
1/4"	BEE0818	9/16	50	20	320
3/8"	BEE1208	1/4	63	20	320
3/8"	BEE1209	9/32	63	20	320
3/8"	BEE1211	11/32	63	10	160
3/8"	BEE1212	3/8	63	10	160
3/8"	BEE1215	15/32	63	10	160
3/8"	BEE1218	9/16	63	10	160
3/8"	BEE1220	5/8	63	10	160
3/8"	BEE1222	11/16	63	10	100
3/8"	BEE1224	3/4	63	10	100
3/8"	BEE1226	13/16	63	10	100
3/8"	BEE1228	7/8	63	10	100
1/2"	BEE1610	5/16	77	10	160
1/2"	BEE1611	11/32	77	10	160
1/2"	BEE1612	3/8	77	10	160
1/2"	BEE1614	7/16	77	10	160
1/2"	BEE1615	15/32	77	10	160
1/2"	BEE1616	1/2	77	10	160
1/2"	BEE1618	9/16	77	10	160
1/2"	BEE1619	19/32	77	10	100
1/2"	BEE1620	5/8	77	10	100
1/2"	BEE1621	21/32	77	10	100
1/2"	BEE1622	11/16	77	10	100
1/2"	BEE1624	3/4	77	10	100
1/2"	BEE1625	25/32	77	5	80
1/2"	BEE1626	13/16	77	5	80
1/2"	BEE1628	7/8	77	5	80
1/2"	BEE1630	15/16	77	5	50
1/2"	BEE1632	1	77	5	50
1/2"	BEE1634	1-1/16	77	5	50
1/2"	BEE1636	1-1/8	77	5	50
1/2"	BEE1638	1-3/16	77	5	50
1/2"	BEE1640	1-1/4	77	5	50

METRIC Satin Chrome Finished

DRIVE ITEM NO. SIZE (mm) L (mm)

1/4"	BAAE0804	4	50	20	360
1/4"	BAAE084E	4.5	50	20	360
1/4"	BAAE0805	5	50	20	360
1/4"	BAAE085E	5.5	50	20	360
1/4"	BAAE0806	6	50	20	360
1/4"	BAAE0807	7	50	20	360
1/4"	BAAE0808	8	50	20	360
1/4"	BAAE0809	9	50	20	320
1/4"	BAAE0810	10	50	20	320
1/4"	BAAE0811	11	50	20	320
1/4"	BAAE0812	12	50	20	320
1/4"	BAAE0813	13	50	20	320
1/4"	BAAE0814	14	50	20	320
3/8"	BAAE1206	6	63	20	320
3/8"	BAAE1207	7	63	20	320
3/8"	BAAE1208	8	63	20	320
3/8"	BAAE1209	9	63	10	160
3/8"	BAAE1210	10	63	10	160
3/8"	BAAE1211	11	63	10	160
3/8"	BAAE1212	12	63	10	160
3/8"	BAAE1213	13	63	10	160
3/8"	BAAE1214	14	63	10	160
3/8"	BAAE1215	15	63	10	160
3/8"	BAAE1216	16	63	10	160
3/8"	BAAE1217	17	63	10	160
3/8"	BAAE1218	18	63	10	100
3/8"	BAAE1219	19	63	10	100
3/8"	BAAE1220	20	63	10	100
3/8"	BAAE1221	21	63	10	100
3/8"	BAAE1222	22	63	10	100

METRIC Mirror / Satin Chrome Finished

DRIVE ITEM NO. SIZE (mm) L (mm)

1/2"	BAEB1608	8	77	10	160
1/2"	BAEB1609	9	77	10	160
1/2"	BAEB1610	10	77	10	160
1/2"	BAEB1611	11	77	10	160
1/2"	BAEB1612	12	77	10	160
1/2"	BAEB1613	13	77	10	160
1/2"	BAEB1614	14	77	10	160
1/2"	BAEB1615	15	77	10	100
1/2"	BAEB1616	16	77	10	100
1/2"	BAEB1617	17	77	10	100
1/2"	BAEB1618	18	77	10	100
1/2"	BAEB1619	19	77	10	100
1/2"	BAEB1620	20	77	5	80
1/2"	BAEB1621	21	77	5	80
1/2"	BAEB1622	22	77	5	80
1/2"	BAEB1623	23	77	5	50
1/2"	BAEB1624	24	77	5	50
1/2"	BAEB1625	25	77	5	50
1/2"	BAEB1626	26	77	5	50
1/2"	BAEB1627	27	77	5	50
1/2"	BAEB1628	28	77	5	50
1/2"	BAEB1629	29	77	5	50
1/2"	BAEB1630	30	77	5	40
1/2"	BAEB1632	32	77	5	40



**12PT Sockets**



CR-V DIN3124

METRIC Satin Chrome Finished

DRIVE ITEM NO. SIZE (mm) L (mm)

1/4"	BAEB0804	4	25	30	540
1/4"	BAEB084E	4.5	25	30	540
1/4"	BAEB0805	5	25	30	540
1/4"	BAEB085E	5.5	25	30	540
1/4"	BAEB0806	6	25	30	540
1/4"	BAEB0807	7	25	30	540
1/4"	BAEB0808	8	25	20	360
1/4"	BAEB0809	9	25	20	360
1/4"	BAEB0810	10	25	20	360
1/4"	BAEB0811	11	25	10	180
1/4"	BAEB0812	12	25	10	180
1/4"	BAEB0813	13	25	10	180
1/4"	BAEB0814	14	25	10	180
3/8"	BAEB1206	6	28	15	270
3/8"	BAEB1207	7	28	15	270
3/8"	BAEB1208	8	28	15	270
3/8"	BAEB1209	9	28	15	270
3/8"	BAEB1210	10	28	15	270
3/8"	BAEB1211	11	28	15	270
3/8"	BAEB1212	12	28	15	270
3/8"	BAEB1213	13	28	10	180
3/8"	BAEB1214	14	28	10	180
3/8"	BAEB1215	15	28	10	160
3/8"	BAEB1216	16	30	10	160
3/8"	BAEB1217	17	30	10	160
3/8"	BAEB1218	18	30	10	160
3/8"	BAEB1219	19	30	10	160
3/8"	BAEB1220	20	30	10	160
3/8"	BAEB1221	21	30	10	160
3/8"	BAEB1222	22	30	10	160
3/8"	BAEB1224	24	30	10	160

Mirror / Satin Chrome Finished

DRIVE ITEM NO. SIZE (mm) L (mm)

1/2"	BAEB1608	8	38	15	240
1/2"	BAEB1609	9	38	15	240
1/2"	BAEB1610	10	38	15	240
1/2"	BAEB1611	11	38	15	240
1/2"	BAEB1612	12	38	15	240
1/2"	BAEB1613	13	38	15	240
1/2"	BAEB1614	14	38	15	240
1/2"	BAEB1615	15	38	15	240
1/2"	BAEB1616	16	38	15	240
1/2"	BAEB1617	17	38	10	160
1/2"	BAEB1618	18	38	10	160
1/2"	BAEB1619	19	38	10	160
1/2"	BAEB1620	20	38	10	160
1/2"	BAEB1621	21	38	10	160
1/2"	BAEB1622	22	40	10	160
1/2"	BAEB1623	23	40	10	160
1/2"	BAEB1624	24	40	10	100
1/2"	BAEB1625	25	42	10	100
1/2"	BAEB1626	26	42	10	100
1/2"	BAEB1627	27	44	10	100
1/2"	BAEB1628	28	44	10	100
1/2"	BAEB1629	29	44	10	100
1/2"	BAEB1630	30	45	10	100
1/2"	BAEB1632	32	45	10	100

Satin Chrome Finished

DRIVE ITEM NO. SIZE (mm) L (mm)

3/4"	BAEB2419	19	50	5	80
3/4"	BAEB2421	21	50	5	80
3/4"					



**12PT Sockets**

CR-V DIN3124



DRIVE	ITEM NO.	SIZE (inch)	L (mm)	Mirror Polished
1/4" 6.3mm sq.	BBEB0806	3/16	25	30 540
	BBEB0807	7/32	25	30 540
	BBEB0808	1/4	25	30 540
	BBEB0809	9/32	25	30 540
	BBEB0810	5/16	25	20 360
	BBEB0811	11/32	25	20 360
	BBEB0812	3/8	25	20 360
	BBEB0814	7/16	25	10 180
	BBEB0816	1/2	25	10 180
	BBEB0818	9/16	25	10 180
	BBEB1208	1/4	28	15 270
	BBEB1210	5/16	28	15 270
	BBEB1211	11/32	28	15 270
	BBEB1212	3/8	28	15 270
	BBEB1214	7/16	28	15 270
	BBEB1216	1/2	28	10 180
	BBEB1218	9/16	28	10 180
	BBEB1219	19/32	28	10 160
BBEB1220	5/8	30	10 160	
BBEB1222	11/16	30	10 160	
BBEB1224	3/4	30	10 160	
BBEB1226	13/16	30	10 160	
BBEB1228	7/8	30	10 160	
BBEB1610	5/16	38	15 240	
BBEB1612	3/8	38	15 240	
BBEB1614	7/16	38	15 240	
BBEB1616	1/2	38	15 240	
BBEB1618	9/16	38	15 240	
BBEB1619	19/32	38	15 240	
BBEB1620	5/8	38	15 240	
BBEB1622	11/16	38	10 160	
BBEB1624	3/4	38	10 160	
BBEB1625	25/32	38	10 160	
BBEB1626	13/16	38	10 160	
BBEB1628	7/8	40	10 160	
BBEB1630	15/16	40	10 100	
BBEB1632	1	42	10 100	
BBEB1634	1-1/16	44	10 100	
BBEB1636	1-1/8	44	10 100	
BBEB1638	1-3/16	45	10 100	
BBEB1640	1-1/4	45	10 100	
BBEB2424	3/4	50	5 80	
BBEB2426	13/16	50	5 80	
BBEB2428	7/8	50	5 80	
BBEB2430	15/16	51	5 80	
BBEB2432	1	52	5 40	
BBEB2434	1-1/16	52	5 40	
BBEB2436	1-1/8	52	5 40	
BBEB2438	1-3/16	54	5 40	
BBEB2440	1-1/4	56	5 40	
BBEB2442	1-5/16	56	5 40	
BBEB2444	1-3/8	58	5 40	
BBEB2446	1-7/16	58	5 40	
BBEB2448	1-1/2	60	5 40	
BBEB2452	1-5/8	64	2 16	
BBEB2454	1-11/16	64	2 16	
BBEB2456	1-3/4	66	2 16	
BBEB2460	1-7/8	70	2 16	
BBEB2464	2	72	2 16	

**11PCS**

1/2" DR. 12PT Socket Rail Set



ITEM NO. **GAAQ1102** 11 BBEB1612-1632  
Mirror CONTENTS 10 (SET)  
3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"

**13PCS**

3/8" DR. 12PT Socket Rail Set



ITEM NO. **GBAQ1301** 13 BBEB1208-1228  
Mirror CONTENTS 10 (SET)  
1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 19/32", 5/8", 11/16", 3/4", 13/16", 7/8"

**12PT Deep Sockets**

CR-V DIN3124



DRIVE	ITEM NO.	SIZE (mm)	L (mm)	Mirror Polished
1/4" 6.3mm sq.	BAEF0806	6	50	20 360
	BAEF0807	7	50	20 360
	BAEF0808	8	50	20 360
	BAEF0809	9	50	20 320
	BAEF0810	10	50	20 320
	BAEF0811	11	50	20 320
	BAEF0812	12	50	20 320
	BAEF0813	13	50	20 320
	BAEF1206	6	63	20 320
	BAEF1207	7	63	20 320
	BAEF1208	8	63	20 320
	BAEF1209	9	63	10 160
	BAEF1210	10	63	10 160
3/8" 10mm sq.	BAEF1211	11	63	10 160
	BAEF1212	12	63	10 160
	BAEF1213	13	63	10 160
	BAEF1214	14	63	10 160
	BAEF1215	15	63	10 160
	BAEF1216	16	63	10 160
	BAEF1217	17	63	10 160
	BAEF1218	18	63	10 100
	BAEF1219	19	63	10 100
	BAEF1220	20	63	10 100
1/2" 12.5mm sq.	BAEF1221	21	63	10 100
	BAEF1222	22	63	10 100
	BAEF1608	8	77	10 160
	BAEF1609	9	77	10 160
	BAEF1610	10	77	10 160
	BAEF1611	11	77	10 160
	BAEF1612	12	77	10 160
	BAEF1613	13	77	10 160
	BAEF1614	14	77	10 160
	BAEF1615	15	77	10 100
	BAEF1616	16	77	10 100
	BAEF1617	17	77	10 100
3/8" 10mm sq.	BAEF1618	18	77	10 100
	BAEF1619	19	77	10 100
	BAEF1620	20	77	5 80
	BAEF1621	21	77	5 80
	BAEF1622	22	77	5 80
	BAEF1623	23	77	5 50
	BAEF1624	24	77	5 50
	BAEF1626	26	77	5 50
	BAEF1627	27	77	5 50
	BAEF1628	28	77	5 50
1/2" 12.5mm sq.	BAEF1629	29	77	5 50
	BAEF1630	30	77	5 40
	BAEF1632	32	77	5 40

**13PCS**

3/8" DR. 12PT Deep Socket Rail Set



ITEM NO. **GAAQ1313** 13 BAEF1207-1221  
Satin Chrome Finished CONTENTS 5 (SET)  
7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21

**11PCS**

1/2" DR. 12PT Deep Socket Rail Set



ITEM NO. **GAAQ1105** 11 BAEF1610-1622  
Satin Chrome Finished CONTENTS 5 (SET)  
10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22

**12PT Deep Sockets**

CR-V DIN3124



DRIVE	ITEM NO.	SIZE (inch)	L (mm)	Mirror Polished	
1/4" 6.3mm sq.	BBEF0806	3/16	50	20 360	
	BBEF0807	7/32	50	20 360	
	BBEF0808	1/4	50	20 360	
	BBEF0809	9/32	50	20 360	
	BBEF0810	5/16	50	20 360	
	BBEF0811	11/32	50	20 320	
	BBEF0812	3/8	50	20 320	
	BBEF0814	7/16	50	20 320	
	BBEF0816	1/2	50	20 320	
	BBEF0818	9/16	50	20 320	
	3/8" 10mm sq.	BBEF1208	1/4	63	20 320
		BBEF1210	5/16	63	20 320
		BBEF1212	3/8	63	10 160
		BBEF1214	7/16	63	10 160
		BBEF1216	1/2	63	10 160
		BBEF1218	9/16	63	10 160
		BBEF1220	5/8	63	10 160
		BBEF1222	11/16	63	10 100
BBEF1224		3/4	63	10 100	
BBEF1226		13/16	63	10 100	
BBEF1228		7/8	63	10 100	

**10PCS**

1/4" DR. 12PT Deep Socket Rail Set



ITEM NO. **GBAR1001** 10 BBEF0806-0818  
Mirror Polished CONTENTS 10 (SET)  
3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"

**11PCS**

3/8" DR. 12PT Deep Socket Rail Set



ITEM NO. **GBAQ1101** 11 BBEB1208-1228  
Mirror Polished CONTENTS 10 (SET)  
1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"

**Star Sockets**

CR-V DIN3120



DRIVE	ITEM NO.	SIZE	L (mm)	Satin Chrome Finished	
1/4" 6.3mm sq.	BAED0804	E4	25	30 540	
	BAED0805	E5	25	30 540	
	BAED0806	E6	25	30 540	
	BAED0807	E7	25	30 540	
	BAED0808	E8	25	30 540	
	BAED0810	E10	25	20 360	
	3/8" 10mm sq.	BAED1208	E8	28	15 270
		BAED1210	E10	28	15 270
		BAED1211	E11	28	15 270
		BAED1212	E12	28	15 270
BAED1214		E14	28	10 180	
BAED1216		E16	28	10 180	
BAED1218		E18	28	10 160	
BAED1220		E20	28	10 160	
1/2" 12.5mm sq.		BAED1608	E8	38	15 240
		BAED1610	E10	38	15 240
	BAED1611	E11	38	15 240	
	BAED1612	E12	38	15 240	
	BAED1614	E14	38	15 240	
	BAED1616	E16	38	15 240	
	BAED1618	E18	38	15 240	
	BAED1620	E20	38	15 240	
	BAED1622	E22	38	10 160	
	BAED1624	E24	38	10 160	

**8PCS**

3/8" DR. Star Socket Rail Set



ITEM NO. **GAAG0802** 8 BAED1208-1220  
Satin Chrome Finished CONTENTS 20 (SET)  
E8, E10, E11, E12, E14, E16, E18, E20

**7PCS**

1/2" DR. Star Socket Rail Set



ITEM NO. **GAAG0704** 7 BAED1610-1624  
Satin Chrome Finished CONTENTS 10 (SET)  
E10, E12, E14, E16, E18, E20, E24

**9PCS**

1/2" DR. Star Socket Rail Set



ITEM NO. **GAAG0901** 9 BAED1610-1624  
Satin Chrome Finished CONTENTS 10 (SET)  
E10, E11, E12, E14, E16, E18, E20, E22, E24

**14PCS**

1/4", 3/8" & 1/2" DR. Star Socket Rail Set



ITEM NO. **GAAR1402** 14 BAED0804-0808  
Satin Chrome Finished CONTENTS 10 (SET)  
1/4" Dr. - E4, E5, E6, E7, E8  
3/8" Dr. - E10, E11, E12, E14  
1/2" Dr. - E16, E18, E20, E22, E24

**Deep Star Sockets**

CR-V DIN3120



DRIVE	ITEM NO.	SIZE	L (mm)	Satin Chrome Finished
1/4" 6.3mm sq.	BAEH0804	E4	50	20 360
	BAEH0805	E5	50	20 360
	BAEH0806	E6	50	20 360
	BAEH0807	E7	50	20 360
	BAEH0810	E10	50	15 270
1/2" 12.5mm sq.	BAEH1610	E10	77	10 160
	BAEH1612	E12	77	10 160
	BAEH1614	E14	77	10 160
	BAEH1616	E16	77	10 100
	BAEH1618	E18	77	10 100
	BAEH1620	E20	77	5 80



# TOPTUL Flexible Universal Sockets



### 3/8" DR. 12PT Flexible Universal Sockets

CR-V ASME B107.110 DIN3124



Satin Chrome Finished

ITEM NO.	SIZE(mm)	L(mm)	⚙️	📦
BAAL1210	10	50	10	160
BAAL1211	11	51	10	160
BAAL1212	12	51	10	160
BAAL1213	13	52	10	160
BAAL1214	14	52	10	160
BAAL1215	15	55	10	160
BAAL1216	16	55	10	160
BAAL1217	17	56	10	100
BAAL1218	18	56	10	100
BAAL1219	19	58	10	100

ITEM NO.	SIZE(inch)	L(mm)	⚙️	📦
BBAL1212	3/8	50	10	160
BBAL1214	7/16	51	10	160
BBAL1216	1/2	52	10	160
BBAL1218	9/16	52	10	160
BBAL1220	5/8	55	10	160
BBAL1222	11/16	56	10	100
BBAL1224	3/4	58	10	100

### 10PCS

3/8" DR. 12PT Flexible Universal Socket Rail Set



Satin Chrome Finished

ITEM NO.	CONTENTS	⚙️	📦
GAAG1004	BAAL1210-1219	10	(SET)

### 7PCS

3/8" DR. 12PT Flexible Universal Socket Rail Set



Satin Chrome Finished

ITEM NO.	CONTENTS	⚙️	📦
GBAG0701	BBAL1212-1224	15	(SET)

### 3PCS

Palm Ratchet Set



ITEM NO. CONTENTS ⚙️ 30 (SET)

GAAR0302	CAUB0826-1633	1/4", 3/8" & 1/2" Dr. 52 Teeth Palm Ratchet
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### Palm Ratchet

- Made of Chrome Vanadium Steel Material
- Palm control design
- Knurled edges for a non-slip grip
- 52 teeth gear action
- Slim design for use in confined spaces
- Ratchet mechanism: Forward / Reverse



DRIVE	ITEM NO.	D(mm)	L(mm)	⚙️	📦
1/4"	CAUB0826	31.5	25.5	30	240
3/8"	CAUB1229	31.5	28.5	30	240
1/2"	CAUB1633	31.5	32.5	30	240

### 1/4" DR. Finger Ratchet & Bit Driver

- Palm control design
- 3 position, reversible ratchet mechanism: Forward / Lock / Reverse
- High torque performance: 350 kgf-cm
- 36 teeth gear action
- Internal retaining clip hold bit securely in place
- Contoured grip for comfort and power
- Designed to use in confined spaces
- Material: Anodized Aluminum Color Grip

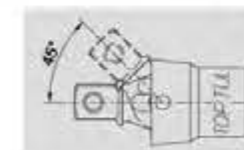


DRIVE	ITEM NO.	L(mm)	⚙️	📦
1/4" x 1/4"	CAUA0808	33.5	10	80



### 45° Universal Ball Joint

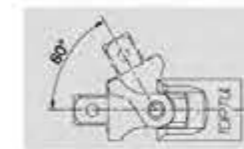
- Ball-shaped design allows for smooth rotation and high torque
- Short pattern design with 45° action angle provides effective use in narrow spaces



DRIVE	ITEM NO.	L(mm)	⚙️	📦
1/4"	CAHD0834	34.5	10	180
3/8"	CAHD1246	46	10	160
1/2"	CAHD1662	62	10	100

### Super-Torque Universal Joint

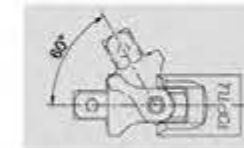
- With new construction design to provide higher working performance than traditional type
- 60° action angle



DRIVE	ITEM NO.	L(mm)	⚙️	📦
1/4"	CAHK0840	35	10	180
3/8"	CAHK1254	52	10	160
1/2"	CAHK1678	68	10	100

### Universal Joint

- 60° action angle



DRIVE	ITEM NO.	L(mm)	⚙️	📦
1/4"	CAHA0840	39	10	180
3/8"	CAHA1254	54	10	160
1/2"	CAHA1678	71	10	100

DRIVE	ITEM NO.	L(mm)	⚙️	📦
3/4"	CAHA24A0	108	5	40



**4PCS**  
Magnetic Insert Adapter Set (CR-MO) (DIN3120)

- Made of heat treated, durable Chrome Molybdenum Alloy Steel
- Ideal for where space is limited or a regular adapter is not suitable
- Additional magnets help ensure the adapters stay attached to the sockets
- Set includes 1/4", 3/8", 1/2", 3/4" female to male drive adapters



ITEM NO.	CONTENTS
GAAR0404	4 CAFB0812 Magnetic Insert Adapter 1/4"(F) x 3/8"(M)
	1 CAFB1216 Magnetic Insert Adapter 3/8"(F) x 1/2"(M)
	1 CAFB1624 Magnetic Insert Adapter 1/2"(F) x 3/4"(M)
	1 CAFB2432 Magnetic Insert Adapter 3/4"(F) x 1"(M)

**Magnetic Socket Pick-Up** (CR-V) (DIN3120)



DRIVE	ITEM NO.	L (mm)
1/4"	CAEE0820	20 30 540

**Adapter** (CR-V) (DIN3123)



ITEM NO.	DRIVE	L (mm)
CAEA0812	1/4"(F) x 3/8"(M)	26 20 360
CAEA1208	3/8"(F) x 1/4"(M)	26 20 360
CAEA1216	3/8"(F) x 1/2"(M)	36 10 180
CAEA1612	1/2"(F) x 3/8"(M)	36 10 180

ITEM NO.	DRIVE	L (mm)
CAEA1624	1/2"(F) x 3/4"(M)	51 10 80
CAEA2416	3/4"(F) x 1/2"(M)	57 10 80

**Adapter (Knurled Grip)** (CR-V) (DIN3123)



ITEM NO.	DRIVE	L (mm)
CAEB0812	1/4"(F) x 3/8"(M)	26 20 360
CAEB1208	3/8"(F) x 1/4"(M)	25 20 360

ITEM NO.	DRIVE	L (mm)
CAEB1612	1/2"(F) x 3/8"(M)	36 10 180

**3-Way Adapter** (CR-V) (DIN3123)



ITEM NO.	DRIVE	L (mm)
CAGA1208	3/8"(F) x 1/4"(M) x 8.8mm	28 10 160
CAGA1216	3/8"(F) x 1/2"(M) x 17.2mm	44 10 160
CAGA1612	1/2"(F) x 3/8"(M) x 12.7mm	40 10 160

ITEM NO.	DRIVE	L (mm)
CAGA3232	1"(F) x 1"(M) x 34mm	74 5 40

**Ratchet Unit** (CR-MO) (DIN3120)



DRIVE	ITEM NO.	L (mm)
3/8"	CAQA1285	56 10 80
1/2"	CAQA1660	60 10 80

**Spark Plug Sockets** (CR-V) (DIN3120)



DRIVE	ITEM NO.	SIZE (mm)	D (mm)	L (mm)
3/8"	BAAR1216	16	22	65 10 160
	BAAR1218	18	26	64 10 80
	BAAR1221	21	28	67 10 80
1/2"	BAAR1616	16	22	65 10 160
	BAAR1621	21	28	67 10 80

DRIVE	ITEM NO.	SIZE (mm)	D (mm)	L (mm)
1/2"	BBAR1626	13/16	28	67 10 80

**Magnetic Spark Plug Sockets** (CR-V) (DIN3120)



DRIVE	ITEM NO.	SIZE (mm)	D (mm)	L (mm)
3/8"	BAAT1216	16	22	65 10 160
	BAAT1221	21	28	67 10 80
1/2"	BAAT1616	16	22	65 10 160
	BAAT1621	21	28	67 10 80

DRIVE	ITEM NO.	SIZE (mm)	D (mm)	L (mm)
1/2"	BAAT1614	14	21.8	77 10 160

**1/2" DR. Magnetic Spark Plug Socket** (CR-V) (DIN3120)



DRIVE	ITEM NO.	SIZE (mm)	D (mm)	L (mm)
1/2"	BAAT1614	14	21.8	77 10 160

DRIVE	ITEM NO.	SIZE (mm)	D (mm)	L (mm)
1/2"	BAAT1614	14	21.8	77 10 160

**1/2" DR. Magnetic Spark Plug Socket (Thin Wall)** (CR-V) (DIN3120)



DRIVE	ITEM NO.	SIZE (mm)	D (mm)	L (mm)
1/2"	BAAV1616	16	20.7	65 10 160

DRIVE	ITEM NO.	SIZE (mm)	D (mm)	L (mm)
1/2"	BAAV1616	16	20.7	65 10 160

**3/8" DR. Spark Plug Socket (Leaf Spring)** (CR-V) (DIN3120)



DRIVE	ITEM NO.	SIZE (mm)	D (mm)	L (mm)
3/8"	BAAX1214	14	17.5	63 10 160

**1/2" DR. Spark Plug Socket (Thin Wall)** (CR-V) (DIN3120)



DRIVE	ITEM NO.	SIZE (mm)	D (mm)	L (mm)
1/2"	BAAU1616	16	20.7	65 10 160

**1/2" DR. Stud Puller Sockets** (CR-V) (DIN3120)



DRIVE	ITEM NO.	SIZE (mm)	D (mm)	L (mm)
1/2" (12.5mm)	BAAM1606	6	23.6	60 10 160
	BAAM1608	8	23.6	60 10 160
	BAAM1610	10	27.6	69 10 80
	BAAM1612	12	27.6	69 10 80

**4PCS**  
1/2" DR. Stud Puller Socket Set



ITEM NO.	CONTENTS
GAAI0401	4 BAAM1606-1612 1/2" Dr. Stud Puller Sockets 6, 8, 10, 12 mm

**1/2" DR. Damaged Bolt Remover Sockets** (CR-MO) (DIN3120)

- Made of Chrome Molybdenum Alloy Steel
- For easy removal of rounded-off, rusted tight or painted-over bolts and nuts



A unique, reverse spiral flute design provides a positive grip to remove rounded or damaged bolts and nuts



DRIVE	ITEM NO.	SIZE (mm)	L (mm)
1/2"	BAAK1610	10	34 20 320
	BAAK1611	11	34 20 320
	BAAK1612	12	34 20 320
	BAAK1613	13	34 20 320
	BAAK1614	14	34 15 240
	BAAK1615	15	34 15 240
	BAAK1616	16	34 15 240
	BAAK1617	17	34 15 240
	BAAK1618	18	34 10 160
	BAAK1619	19	34 10 160
	BAAK1621	21	34 10 160
	BAAK1622	22	34 10 160
	BAAK1624	24	34 10 80
	BAAK1627	27	34 10 80

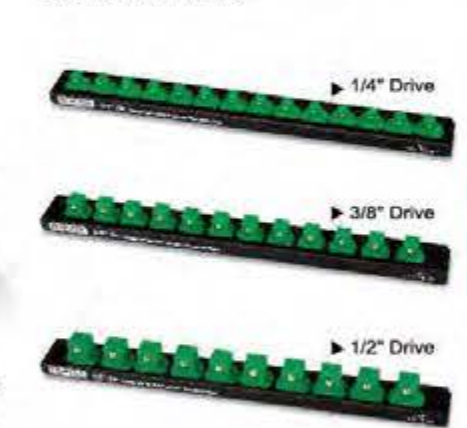
**9PCS**  
1/2" DR. Damaged Bolt Remover Socket Rail Set



ITEM NO.	CONTENTS
GAAG0903	9 BAAK1610-1619

**Magnetic Aluminum Socket Rail**

- Portable socket holder
- Anodized Aluminum rail construction
- Super strong magnet for solid placement
- Holds both standard and deep sockets
- 360° rotatable fasteners



ITEM NO.	DRIVE	Fastener	L (mm)
PBKB2826143	1/4"	14 pcs	260 10 60
PBKB3826123	3/8"	12 pcs	260 10 60
PBKB4826103	1/2"	10 pcs	260 10 60





**TOPTUL**  
STANDARD, LONG & EXTRA LONG  
BIT SOCKETS

**Hex Bit Sockets**

CR-V+S2 DIN 7422

METRIC Satin Chrome Finished

DRIVE	ITEM NO.	SIZE (mm)	L (mm)
1/4" 6.3mm sq.	BCDA082E	2.5	37 30 540
	BCDA0803	3	37 30 540
	BCDA0804	4	37 30 540
	BCDA0805	5	37 30 540
	BCDA085E	5.5	37 30 540
	BCDA0806	6	37 30 540
	BCDA086E	6.5	37 30 540
	BCDA0807	7	37 30 540
	BCDA0808	8	37 30 540
	BCDA0810	10	37 30 540
3/8" 10mm sq.	BCDA1203	3	48 10 180
	BCDA1204	4	48 10 180
	BCDA1205	5	48 10 180
	BCDA1206	6	48 10 180
	BCDA1207	7	48 10 180
	BCDA1208	8	48 10 180
1/2" 12.5mm sq.	BCDA1604	4	55 15 240
	BCDA1605	5	55 15 240
	BCDA1606	6	55 15 240
	BCDA1607	7	55 15 240
	BCDA1608	8	55 15 240
	BCDA1609	9	55 15 160
	BCDA1610	10	55 10 160
	BCDA1612	12	55 10 160
	BCDA1614	14	55 10 160
	BCDA1617	17	55 10 100
BCDA1619	19	55 10 100	

**Hex Bit Sockets**

CR-V DIN 7422

METRIC Satin Chrome Finished

DRIVE	ITEM NO.	SIZE (mm)	L (mm)
1/4" 6.3mm sq.	BCCA2414	14	79 5 50
	BCCA2417	17	79 5 50
	BCCA2419	19	79 5 50
	BCCA2422	22	79 5 50

SAE Satin Chrome Finished

DRIVE	ITEM NO.	SIZE (inch)	L (mm)	
1/4" 6.3mm sq.	BDDA0804	1/8	37 30 540	
	BDDA0805	5/32	37 30 540	
	BDDA0806	3/16	37 30 540	
	BDDA0807	7/32	37 30 540	
	BDDA0808	1/4	37 30 540	
	3/8" 10mm sq.	BDDA1204	1/8	48 10 180
		BDDA1205	5/32	48 10 180
		BDDA1206	3/16	48 10 180
		BDDA1207	7/32	48 10 180
		BDDA1208	1/4	48 10 180
BDDA1210		5/16	48 10 180	
1/2" 12.5mm sq.	BDDA1608	1/4	55 15 240	
	BDDA1610	5/16	55 15 240	
	BDDA1612	3/8	55 10 160	
	BDDA1614	7/16	55 10 160	
	BDDA1616	1/2	55 10 160	
	BDDA1618	9/16	55 10 160	
	BDDA1620	5/8	55 10 100	
	BDDA1624	3/4	55 10 100	

**Phillips Bit Sockets**

CR-V+S2 DIN ISO 8764-1

Satin Chrome Finished

DRIVE	ITEM NO.	SIZE	L (mm)
1/4" 6.3mm sq.	BCAA08P0	PH0	37 30 540
	BCAA08P1	PH1	37 30 540
	BCAA08P2	PH2	37 30 540
	BCAA08P3	PH3	37 30 540
3/8" 10mm sq.	BCAA12P4	PH4	37 30 540
	BCAA12P1	PH1	48 10 180
	BCAA12P2	PH2	48 10 180
	BCAA12P3	PH3	48 10 180
1/2" 12.5mm sq.	BCAA12P4	PH4	48 10 180
	BCAA16P2	PH2	55 10 160
	BCAA16P3	PH3	55 10 160
	BCAA16P4	PH4	55 10 160

**Slotted Bit Sockets**

CR-V+S2 DIN ISO 2380-1

Satin Chrome Finished

DRIVE	ITEM NO.	SIZE (mm)	L (mm)
1/4" 6.3mm sq.	BCCA0803	0.5x3	37 30 540
	BCCA0804	0.5x4	37 30 540
	BCCA084E	0.6x4.5	37 30 540
	BCCA085E	1.0x5.5	37 30 540
	BCCA0806	1.0x6	37 30 540
	BCCA086E	1.2x6.5	37 30 540
	BCCA0807	1.2x7	37 30 540
	BCCA0808	1.2x8	37 30 540
3/8" 10mm sq.	BCCA125E	1.0x5.5	48 10 180
	BCCA126E	1.2x6.5	48 10 180
	BCCA1208	1.2x6	48 10 180
	BCCA1210	1.6x10	48 10 180
1/2" 12.5mm sq.	BCCA1608	1.2x8	55 10 160
	BCCA1610	1.6x10	55 10 160
	BCCA1612	2.0x12	55 10 160
	BCCA1614	2.5x14	55 10 160
BCCA1616	2.5x16	55 10 160	

**Pozi Bit Sockets**

CR-V+S2 DIN ISO 8764-1

Satin Chrome Finished

DRIVE	ITEM NO.	SIZE	L (mm)
1/4" 6.3mm sq.	BCBA08P0	P20	37 30 540
	BCBA08P1	P21	37 30 540
	BCBA08P2	P22	37 30 540
	BCBA08P3	P23	37 30 540
3/8" 10mm sq.	BCBA08P4	P24	37 30 540
	BCBA12P1	P21	48 10 180
	BCBA12P2	P22	48 10 180
	BCBA12P3	P23	48 10 180
BCBA12P4	P24	48 10 180	

**Star Bit Sockets**

CR-V+S2

Satin Chrome Finished

DRIVE	ITEM NO.	SIZE	L (mm)
1/4" 6.3mm sq.	BCFA0806	T6	37 30 540
	BCFA0807	T7	37 30 540
	BCFA0808	T8	37 30 540
	BCFA0809	T9	37 30 540
	BCFA0810	T10	37 30 540
	BCFA0815	T15	37 30 540
	BCFA0820	T20	37 30 540
	BCFA0825	T25	37 30 540
	BCFA0827	T27	37 30 540
	BCFA0830	T30	37 30 540
3/8" 10mm sq.	BCFA0835	T35	37 30 540
	BCFA0840	T40	37 20 360
	BCFA1215	T15	48 10 180
	BCFA1220	T20	48 10 180
	BCFA1225	T25	48 10 180
	BCFA1227	T27	48 10 180
	BCFA1230	T30	48 10 180
	BCFA1240	T40	48 10 180
	BCFA1245	T45	48 10 180
	BCFA1250	T50	48 10 180
1/2" 12.5mm sq.	BCFA1255	T55	48 10 180
	BCFA1620	T20	55 10 160
	BCFA1625	T25	55 10 160
	BCFA1627	T27	55 10 160
	BCFA1630	T30	55 10 160
	BCFA1640	T40	55 10 160
	BCFA1645	T45	55 10 160
	BCFA1650	T50	55 10 160
	BCFA1655	T55	55 10 160
	BCFA1660	T60	55 10 160
BCFA1670	T70	55 10 160	

**Star Tamperproof Bit Sockets**

CR-V+S2

Satin Chrome Finished

DRIVE	ITEM NO.	SIZE	L (mm)
1/4" 6.3mm sq.	BCLA0808	T8	37 30 360
	BCLA0809	T9	37 30 360
	BCLA0810	T10	37 30 360
	BCLA0815	T15	37 30 360
3/8" 10mm sq.	BCLA0820	T20	37 30 360
	BCLA0825	T25	37 30 360
	BCLA0827	T27	37 30 360
	BCLA0830	T30	37 30 360
	BCLA0835	T35	37 30 360
	BCLA0840	T40	37 30 360
	BCLA1215	T15	48 10 180
	BCLA1220	T20	48 10 180
	BCLA1225	T25	48 10 180
	BCLA1227	T27	48 10 180
1/2" 12.5mm sq.	BCLA1230	T30	48 10 180
	BCLA1240	T40	48 10 180
	BCLA1245	T45	48 10 180
	BCLA1250	T50	48 10 180
	BCLA1620	T20	55 10 160
	BCLA1625	T25	55 10 160
	BCLA1627	T27	55 10 160
	BCLA1630	T30	55 10 160
	BCLA1640	T40	55 10 160
	BCLA1645	T45	55 10 160
BCLA1650	T50	55 10 160	
BCLA1655	T55	55 10 160	
BCLA1660	T60	55 10 160	

**Pentacle Bit Sockets**

CR-V+S2

Satin Chrome Finished

DRIVE	ITEM NO.	SIZE	L (mm)	
1/4" 6.3mm sq.	BCNA0808	T8	37 30 360	
	BCNA0810	T10	37 30 360	
	BCNA0815	T15	37 30 360	
	BCNA0820	T20	37 30 360	
	BCNA0825	T25	37 30 360	
	BCNA0827	T27	37 30 360	
	BCNA0830	T30	37 30 360	
	BCNA0840	T40	37 30 360	
	1/2" 12.5mm sq.	BCNA1620	T20	55 10 160
		BCNA1625	T25	55 10 160
BCNA1627		T27	55 10 160	
BCNA1630		T30	55 10 160	
BCNA1640		T40	55 10 160	
BCNA1645		T45	55 10 160	
BCNA1650		T50	55 10 160	
BCNA1655		T55	55 10 160	

**Spline Bit Sockets**

CR-V+S2 DIN 2324

Satin Chrome Finished

DRIVE	ITEM NO.	SIZE	L (mm)
3/8" 10mm sq.	BCHA1205	M5	48 10 180
	BCHA1206	M6	48 10 180
	BCHA1208	M8	48 10 180
	BCHA1210	M10	48 10 180
1/2" 12.5mm sq.	BCHA1605	M5	55 15 240
	BCHA1606	M6	55 15 240
	BCHA1608	M8	55 15 240
	BCHA1610	M10	55 15 240
	BCHA1612	M12	55 15 240
	BCHA1614	M14	55 10 160
	BCHA1616	M16	55 10 100

**Ribe Bit Sockets**

CR-V+S2

Satin Chrome Finished

DRIVE	ITEM NO.	SIZE	L (mm)
1/2" 12.5mm sq.	BCQA1605	M5	55 15 240
	BCQA1606	M6	55 15 240
	BCQA1607	M7	55 15 240
	BCQA1608	M8	55 15 240
	BCQA1609	M9	55 15 240
	BCQA1610	M10	55 15 240
	BCQA1612	M12	55 15 240
	BCQA1613	M13	55 10 160
	BCQA1614	M14	55 10 160
	BCQA1616	M16	55 10 100



**Standard**

**7PCS**  
3/8" DR. Hex Bit Socket Rail Set



ITEM NO.	CONTENTS
GAAG0702	BCDA1203-1210 3/8" Dr. Hex Bit Sockets (48mmL) 3, 4, 5, 6, 7, 8, 10 mm

**7PCS**  
3/8" DR. Hex Bit Socket Rail Set



ITEM NO.	CONTENTS
GBAG0702	BDDA1204-1212 3/8" Dr. Hex Bit Sockets (48mmL) 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"

**8PCS**  
1/4" DR. Star Tamperproof Bit Socket Rail Set



ITEM NO.	CONTENTS
GAAG0809	BCLA0808-0840 1/4" Dr. Star Tamperproof Bit Sockets (37mmL) T8, T10, T15, T20, T25, T27, T30, T40

**10PCS**  
1/2" DR. Hex Bit Socket Rail Set



ITEM NO.	CONTENTS
GAAG1005	BCDA1604-1619 1/2" Dr. Hex Bit Sockets (55mmL) 4, 5, 6, 7, 8, 10, 12, 14, 17, 19 mm

**8PCS**  
1/2" DR. Hex Bit Socket Rail Set



ITEM NO.	CONTENTS
GBAG0901	BDDA1608-1624 1/2" Dr. Hex Bit Sockets (55mmL) 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4"

**9PCS**  
1/2" DR. Star Tamperproof Bit Socket Rail Set



ITEM NO.	CONTENTS
GAAG0904	BCLA1620-1660 1/2" Dr. Star Tamperproof Bit Sockets (55mmL) T20, T25, T27, T30, T40, T45, T50, T55, T60



**TOPTUL**  
Standard Bit Sockets

**7PCS**  
1/2" DR. Spine Bit Socket Rail Set



ITEM NO.	CONTENTS
GAAG0703	BCHA1605-1616 1/2" Dr. Spine Bit Sockets (55mmL) M5, M6, M8, M10, M12, M14, M16

**Standard**

**8PCS**  
1/4" DR. Star Bit Socket Rail Set



ITEM NO.	CONTENTS
GAAG0808	BCFA0808-0840 1/4" Dr. Star Bit Sockets (37mmL) T8, T10, T15, T20, T25, T27, T30, T40

**8PCS**  
3/8" DR. Star Bit Socket Rail Set



ITEM NO.	CONTENTS
GAAG0804	BCFA1215-1250 3/8" Dr. Star Bit Sockets (48mmL) T15, T20, T25, T27, T30, T40, T45, T50

**10PCS**  
1/2" DR. Star Bit Socket Rail Set



ITEM NO.	CONTENTS
GAAG1006	BCFA1620-1670 1/2" Dr. Star Bit Sockets (55mmL) T20, T25, T27, T30, T40, T45, T50, T55, T60, T70

**10PCS**  
1/4" & 3/8" DR. Star Bit Socket Rail Set



ITEM NO.	CONTENTS		
GAAG1009	BCFA0810-0830 1/4" Dr. Star Bit Sockets (37mmL) T10, T15, T20, T25, T27, T30		BCFA1240-1255 3/8" Dr. Star Bit Sockets (48mmL) T40, T45, T50, T55
	BCFA1240-1255 3/8" Dr. Star Bit Sockets (48mmL) T40, T45, T50, T55		

**12PCS**  
1/4" & 1/2" DR. Star Bit Socket Rail Set



ITEM NO.	CONTENTS		
GAAG1202	BCFA0810-0840 1/4" Dr. Star Bit Sockets (37mmL) T10, T15, T20, T25, T27, T30, T40		BCFA1645-1670 1/2" Dr. Star Bit Sockets (55mmL) T45, T50, T55, T60, T70
	BCFA1645-1670 1/2" Dr. Star Bit Sockets (55mmL) T45, T50, T55, T60, T70		

**12PCS**  
1/4", 3/8" & 1/2" DR. Star Bit Socket Rail Set



ITEM NO.	CONTENTS				
GAAG1201	BCFA0808-0815 1/4" Dr. Star Bit Sockets (37mmL) T8, T10, T15		BCFA1220-1230 3/8" Dr. Star Bit Sockets (48mmL) T20, T25, T27, T30		BCFA1640-1660 1/2" Dr. Star Bit Sockets (55mmL) T40, T45, T50, T55, T60
	BCFA1220-1230 3/8" Dr. Star Bit Sockets (48mmL) T20, T25, T27, T30		BCFA1640-1660 1/2" Dr. Star Bit Sockets (55mmL) T40, T45, T50, T55, T60		
	BCFA1640-1660 1/2" Dr. Star Bit Sockets (55mmL) T40, T45, T50, T55, T60				

**10PCS**  
1/2" DR. Ribe Bit Socket Rail Set



ITEM NO.	CONTENTS
GAAG1002	BCQA1605-1616 1/2" Dr. Ribe Bit Sockets (55mmL) M5, M6, M7, M8, M9, M10, M12, M13, M14, M16

**8PCS**  
1/2" DR. Pentacle Bit Socket Rail Set



ITEM NO.	CONTENTS
GAAG0806	BCNA1620-1655 1/2" Dr. Pentacle Bit Sockets (55mmL) T20, T25, T27, T30, T40, T45, T50, T55

**8PCS**  
1/4" DR. Pentacle Bit Socket Rail Set




ITEM NO.	CONTENTS
GAAG0805	BCNA0808-0840 1/4" Dr. Pentacle Bit Sockets (37mmL) T8, T10, T15, T20, T25, T27, T30, T40



147 Long

Hex Bit Sockets

CR-V+S2 DIN 7422



DRIVE	ITEM NO.	SIZE (mm)	L (mm)
1/2" 12.5mm sq.	BCWA1604	4	80 20 160
	BCWA1605	5	90 20 160
	BCWA1606	6	80 20 160
	BCWA1607	7	80 20 160
	BCWA1608	8	80 20 160
	BCWA1610	10	80 20 160
	BCWA1612	12	80 20 160
	BCWA1614	14	80 20 160
BCWA1617	17	80 15 120	

Pentacle Bit Sockets

CR-V+S2



DRIVE	ITEM NO.	SIZE	L (mm)
1/2" 12.5mm sq.	BCOA1620	T20	100 10 160
	BCOA1625	T25	100 10 160
	BCOA1627	T27	100 10 160
	BCOA1630	T30	100 10 160
	BCOA1640	T40	100 10 160
	BCOA1645	T45	100 10 160
	BCOA1650	T50	100 10 160
	BCOA1655	T55	100 10 160

9PCS

1/2" DR. Long Hex Bit Socket Rail Set



**ITEM NO. CONTENTS**

GAAG0902 \* BCWA1604-1617  
1/2" Dr. Long Hex Bit Sockets (80mmL)  
4, 5, 6, 7, 8, 10, 12, 14, 17 mm

Star Bit Sockets

CR-V+S2



DRIVE	ITEM NO.	SIZE	L (mm)
1/2" 12.5mm sq.	BCXA1620	T20	80 20 160
	BCXA1625	T25	80 20 160
	BCXA1627	T27	80 20 160
	BCXA1630	T30	80 20 160
	BCXA1640	T40	80 20 160
	BCXA1645	T45	80 20 160
	BCXA1650	T50	80 20 160
	BCXA1655	T55	80 20 160
BCXA1660	T60	80 20 160	

Ribe Bit Sockets

CR-V+S2



DRIVE	ITEM NO.	SIZE	L (mm)
1/2" 12.5mm sq.	BCRA1605	M5	100 10 160
	BCRA1606	M6	100 10 160
	BCRA1607	M7	100 10 160
	BCRA1608	M8	100 10 160
	BCRA1609	M9	100 10 160
	BCRA1610	M10	100 10 160
	BCRA1612	M12	100 10 160
	BCRA1613	M13	100 10 160
	BCRA1614	M14	100 10 160
	BCRA1616	M16	100 10 160

8PCS

1/2" DR. Long Pentacle Bit Socket Rail Set



**ITEM NO. CONTENTS**

GAAG0807 \* BCOA1620-1655  
1/2" Dr. Long Pentacle Bit Sockets (100mmL)  
T20, T25, T27, T30, T40, T45, T50, T55

Hex Bit Sockets

CR-V+S2 DIN 7422



DRIVE	ITEM NO.	SIZE (mm)	L (mm)
1/2" 12.5mm sq.	BCEA1605	5	100 10 160
	BCEA1606	6	100 10 160
	BCEA1607	7	100 10 160
	BCEA1608	8	100 10 160

Ball Point Bit Sockets

CR-V+S2



DRIVE	ITEM NO.	SIZE (mm)	L (mm)
1/2" 12.5mm sq.	BCPA1605	5	100 10 160
	BCPA1606	6	100 10 160
	BCPA1607	7	100 10 160
	BCPA1608	8	100 10 160
	BCPA1610	10	100 10 160

10PCS

1/2" DR. Long Ribe Bit Socket Rail Set



**ITEM NO. CONTENTS**

GAAG1003 \* BCRA1605-1616  
1/2" Dr. Long Ribe Bit Sockets (100mmL)  
M5, M6, M7, M8, M9, M10, M12, M13, M14, M16

Spline Bit Sockets

CR-V+S2 DIN 2324



DRIVE	ITEM NO.	SIZE	L (mm)
1/2" 12.5mm sq.	BCJA1606	M6	100 10 160
	BCJA1608	M8	100 10 160
	BCJA1609	M9	100 10 160
	BCJA169E	M9.5	100 10 160
	BCJA1610	M10	100 10 160
	BCJA1612	M12	100 10 160

Star Bit Sockets

CR-V+S2



DRIVE	ITEM NO.	SIZE	L (mm)
1/2" 12.5mm sq.	BCGA1640	T40	120 10 100
	BCGA1645	T45	120 10 100

Spline Bit Sockets

CR-V+S2



DRIVE	ITEM NO.	SIZE	L (mm)
1/2" 12.5mm sq.	BCJD1610	M10	100 10 160
	BCJD1612	M12	100 10 160
	BCJD1614	M14	100 5 80

Star Tamperproof Bit Sockets

CR-V+S2



DRIVE	ITEM NO.	SIZE	L (mm)
1/2" 12.5mm sq.	BCKA1640	T40	120 10 100
	BCKA1645	T45	120 10 100
	BCKA1650	T50	120 10 100

Extra Long

Hex Bit Sockets

CR-V+S2 DIN 7422



DRIVE	ITEM NO.	SIZE (mm)	L (mm)
1/2" 12.5mm sq.	BCIA1606	6	140 10 100
	BCIA1610	10	140 10 100
	BCIA1612	12	140 10 100

Star Bit Sockets

CR-V+S2



DRIVE	ITEM NO.	SIZE	L (mm)
1/2" 12.5mm sq.	BCUA1655	T55	140 10 100
	BCUA1670	T70	140 10 100

Ball Point Bit Sockets

CR-V+S2



DRIVE	ITEM NO.	SIZE (mm)	L (mm)
1/2" 12.5mm sq.	BCSA1605	5	140 10 100
	BCSA1606	6	140 10 100
	BCSA1608	8	140 10 100
	BCSA1610	10	140 10 100

Spline Bit Sockets

CR-V+S2



DRIVE	ITEM NO.	SIZE	L (mm)
1/2" 12.5mm sq.	BCMD1610	M10	140 10 100
	BCMD1612	M12	140 10 100
	BCMD1614	M14	140 5 50

Star Tamperproof Bit Sockets

CR-V+S2



DRIVE	ITEM NO.	SIZE	L (mm)
1/2" 12.5mm sq.	BCVA1655	T55	140 10 100
	BCVA1660	T60	140 10 100

Hex Bit Sockets

CR-V+S2 DIN 7422



DRIVE	ITEM NO.	SIZE (mm)	L (mm)
1/2" 12.5mm sq.	BCTA1605	5	180 10 100

One-Piece Stubby Bit Sockets

- Made of high quality SNCM+V Alloy Steel
- Precision machined one-piece construction
- High torque performance
- Manganese phosphate finished
- Stubby model for working in confined spaces
- Hand-operated tool

19.5 MM SHORT LENGTH  
12.9 MM DIAMETER



One-Piece Stubby Phillips Bit Sockets

SNCM+V



DRIVE	ITEM NO.	SIZE	L (mm)	D (mm)
1/4" 6.3mm sq.	BCAB08P1	PH1	19.5	12.9 50 900
	BCAB08P2	PH2	19.5	12.9 50 900
	BCAB08P3	PH3	19.5	12.9 50 900

One-Piece Stubby Slotted Bit Sockets

SNCM+V



DRIVE	ITEM NO.	SIZE (mm)	L (mm)	D (mm)
1/4" 6.3mm sq.	BCCB0803	0.5 x 3	19.5	12.9 50 900
	BCCB084E	0.6 x 4.5	19.5	12.9 50 900
	BCCB086E	1.2 x 6.5	19.5	12.9 50 900
	BCCB0808	1.2 x 8	19.5	12.9 50 900

One-Piece Stubby Star Bit Sockets

SNCM+V



DRIVE	ITEM NO.	SIZE	L (mm)	D (mm)
1/4" 6.3mm sq.	BCFB0806	T6	19.5	12.9 50 900
	BCFB0807	T7	19.5	12.9 50 900
	BCFB0808	T8	19.5	12.9 50 900
	BCFB0809	T9	19.5	12.9 50 900
	BCFB0810	T10	19.5	12.9 50 900
	BCFB0815	T15	19.5	12.9 50 900
	BCFB0820	T20	19.5	12.9 50 900
	BCFB0825	T25	19.5	12.9 50 900
	BCFB0827	T27	19.5	12.9 50 900
	BCFB0830	T30	19.5	12.9 50 900
	BCFB0840	T40	19.5	12.9 50 900

One-Piece Stubby Hex Bit Sockets

SNCM+V



DRIVE	ITEM NO.	SIZE (mm)	L (mm)	D (mm)
1/4" 6.3mm sq.	BCDB0803	3	19.5	12.9 50 900
	BCDB0804	4	19.5	12.9 50 900
	BCDB0805	5	19.5	12.9 50 900
	BCDB0806	6	19.5	12.9 50 900
	BCDB0807	7	19.5	12.9 50 900
	BCDB0808	8	19.5	12.9 50 900



## Power Speed Reversible Ratchet Handle Kit

- Innovative ratchet handle design integrated with electric motor for 10-20 times faster working speed when tightening / loosening fasteners
- Bi-directional driving in both powered and manual modes
- Equipped with clutch mechanism to notify user to change over to manual mode when maximum turning torque is reached
- Switch-actuated locking design to prevent unintentional rotation
- Multi-color LED indicator (low battery, over temperature, over current)
- Precision and high torque 60 teeth ratcheting mechanism with hard-wearing construction
- Quick release design allowing firm retention and easy removal of sockets
- Ergonomically anti-slip grip handle
- Kit includes one spare battery

NEW



Kit Contents	Q'TY
Cordless Ratchet Wrench	1
Rechargeable Li-ion Battery Pack	2
Battery Charger	1
Adapter	1



### 3/8" DR

ITEM NO.	KPEA1236	60 Gears
<b>SPECIFICATIONS</b>		
Maximum Torque (Manual Mode)	244 Nm / 180 ft-lb	5
Maximum Torque (Powered Mode)	1Nm / 0.74 ft-lb	
Free Speed (at DC 3.6V)	200 / min	
Power	Battery Rechargeable Li-ion Battery 3.6V 2000mAh Power Supply AC 100-240V / 50-60Hz Power Consumption DC 5V 2A	
Types of Plug Adapter (power charger)	A E (US) (EU)	
Charging Time Approx.	45 minutes	
Charging Temperature	0°C - 40°C	
Operation Temperature	-20°C - 60°C	
Storage Temperature	< 35°C	
Overall Length	11-9/16" / 294 mm	
Net Weight	655 g (with battery)	
BLOW CASE: W350 x D217 x H63 (mm)		

### 1/2" DR

ITEM NO.	KPEA1636	60 Gears
<b>SPECIFICATIONS</b>		
Maximum Torque (Manual Mode)	610 Nm / 450 ft-lb	5
Maximum Torque (Powered Mode)	1Nm / 0.74 ft-lb	
Free Speed (at DC 3.6V)	200 / min	
Power	Battery Rechargeable Li-ion Battery 3.6V 2000mAh Power Supply AC 100-240V / 50-60Hz Power Consumption DC 5V 2A	
Types of Plug Adapter (power charger)	A E (US) (EU)	
Charging Time Approx.	45 minutes	
Charging Temperature	0°C - 40°C	
Operation Temperature	-20°C - 60°C	
Storage Temperature	< 35°C	
Overall Length	12-13/32" / 315 mm	
Net Weight	765 g (with battery)	
BLOW CASE: W350 x D217 x H63 (mm)		

## 1/4" (H) Locking Flexible Head Mini Reversible Bit Ratchet Handle

- Chrome Vanadium Steel Material
- Fine 60 teeth ratcheting mechanism with hard-wearing construction
- Quick-disk on the drive head allows for quick tightening or loosening of fasteners
- Flex head for accessing hard to reach fastener
- Reversible and micro head profile, ideal for use in confined space
- Multi-Functional Head design, converts bit ratchet handle to L-type or T-type hex key wrench
- For use in combination with FTDF0810



### 1/4" DR. Mini Reversible Ratchet Handle with Quick Release

- Chrome Vanadium Steel Material (ASME B107.10)
- Fine 60 teeth ratcheting mechanism with hard-wearing construction
- Quick-disk on the drive head allows for quick tightening or loosening of fasteners
- Quick release button ensures firm socket retention and easy socket removal
- Reversible and micro head profile, ideal for use in confined space



DRIVE	ITEM NO.	60 Gears / Satin Chrome Finished
1/4"	CHDU0801	86.5 15 180

### 1/4" (H) Mini Reversible Bit Ratchet Handle

- Chrome Vanadium Steel Material
- Fine 60 teeth ratcheting mechanism with hard-wearing construction
- Quick-disk on the drive head allows for quick tightening or loosening of fasteners
- Reversible and micro head profile, ideal for use in confined space



HEX	ITEM NO.	60 Gears / Satin Chrome Finished
1/4"	CHDV0801	86.5 15 180

### Mini Swivel-Head Ratchet Handle

- Robust Chrome Molybdenum Steel Ratchet Head (DIN 3120) (DIN 3122)
- Reversible gear drive ratchet mechanism for high torque applications
- 90 teeth ratcheting action only requires a 4-degree swing arc to operate, perfect for close quarters work in tight spots
- 180 degree swivel head design for accessing hard to reach fasteners



DRIVE	ITEM NO.	90 Gears / Mirror Finished
1/4"	CHKX0810	95 15 180



**1/4" DR. Reversible Ratchet Handle with Quick Release** (DIN 3122)

- Anti-slip grip handle design
- Improved PP+soft PP material plastic handle for better anti-alkali, acid and corrosion effect



36 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	L(mm)	⚙️	🔧
1/4"	S135	135	10	100

**Stubby Reversible Ratchet Handle with Quick Release** (DIN 3122)



45 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	L(mm)	⚙️	🔧
1/4"	CJDI0812	115	10	80
3/8"	CJDI1215	145	5	40

**Stubby Swivel-Head Ratchet with Bit Drives** (DIN 3122)



72 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	L(mm)	⚙️	🔧
3/8" x 1/4" (H)	CJOM1216	173	2	32

**Stubby Swivel-Head Ratchet** (DIN 3122)



72 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	L(mm)	⚙️	🔧
1/2"	CJNM1616	173	2	32

**Stubby Swivel-Head Ratchet with Dual Drives** (DIN 3122)



72 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	L(mm)	⚙️	🔧
3/8" x 1/4"	CJMM1216	173	2	32
1/2" x 1/4"	CJMM1616	173	2	32

**Rotatory Ratchet Handle with Push-Through mechanism** (DIN 3122)

- Chrome Molybdenum Steel Ratchet Head
- Fine 60 teeth ratcheting mechanism with hard-wearing construction
- Unique 360° rotatory handle, ideal for access in confined spaces
- One-way ratcheting mechanism
- Anti-slip bi-component PP+TPR plastic soft grip handle



60 Gears / Mirror Polished

DRIVE	ITEM NO.	L(mm)	⚙️	🔧
1/4"	CJTV0818	180	5	60
3/8"	CJTV1224	240	5	30
1/2"	CJTV1629	290	5	30

**Gearless Reversible Ratchet Handle with Quick Release** (DIN 3122)



Mirror Polished

DRIVE	ITEM NO.	L(mm)	⚙️	🔧
1/4"	CJBT0816	155	10	100
3/8"	CJBT1220	200	5	40
1/2"	CJBT1627	265	5	30

**Reversible Ratchet Handle with Quick Release** (DIN 3122)

- Chrome Molybdenum Steel Ratchet Head
- Reversible 72 gear teeth high torque ratchet mechanism
- The Nano-Ratchet dual pawl provides a minimal 2.5° swing angle, ideal for use in confined space
- Quick release button ensures firm socket retention and easy socket removal
- Torque exceeds ANSI and DIN standards



72 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	L(mm)	⚙️	🔧
1/4"	CJFM0815	145	10	100
3/8"	CJFM1220	200	5	40
1/2"	CJFM1627	265	5	30

**Curved Reversible Compact-Head Ratchet Handle with Quick Release** (DIN 3122)



72 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	L(mm)	⚙️	🔧
1/4"	CHJM0815	145	10	100
3/8"	CHJM1220	200	5	40
1/2"	CHJM1625	250	5	30

**Reversible Ratchet Handle with Quick Release** (DIN 3122)



36 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	L(mm)	⚙️	🔧
1/4"	CJBG0815	150	10	100
3/8"	CJBG1220	200	5	40
1/2"	CJBG1627	270	5	30

**Reversible Ratchet Handle with Quick Release** (DIN 3122)



45 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	L(mm)	⚙️	🔧
1/4"	CJPI0815	145	10	100
3/8"	CJPI1220	200	5	40
1/2"	CJPI1627	265	5	30

**Reversible Ratchet Handle with Quick Release** (DIN 3122)



72 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	L(mm)	⚙️	🔧
1/4"	CJBM0815	145	10	100
3/8"	CJBM1220	200	5	40
1/2"	CJBM1627	265	5	30

**Compact Head Reversible Ratchet Handle with Quick Release** (DIN 3122)



60 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	L(mm)	⚙️	🔧
1/4"	CJSU0815	145	10	100
3/8"	CJSU1220	202	5	40
1/2"	CJSU1626	262	5	30

REVERSIBLE RATCHET HANDLE WITH QUICK RELEASE

Hard PP + Soft TPR plastic material

Hard PP plastic material

Special anti-slip textured surface Soft PP plastic material

Ergonomic Soft Handle Design

**Safety**, comfort and practicality are the notable features of this super-grip handle. The special, new developed anti-slip soft PP material on the handle is delicately formed to fit users' palm shapes, so the comfort is doubtless. Moreover, these slip-proof handles can always prevent incidental slip while conducting on-site fastening tasks. TOPTUL Professional Tool truly grasps the power for you.

**Reversible Ratchet Handle with Quick Release** (DIN 3122)

- Special textured surface on the handle for anti-slip and effective grip
- Improved PP+soft PP material plastic handle for better anti-alkali, acid and corrosion effect



36 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	L(mm)	⚙️	🔧
1/2"	CMBG1627	273	5	30

**Compact Head Reversible Ratchet Handle with Quick Release** (DIN 3122)

- Special textured surface on the handle for anti-slip and effective grip
- Improved PP+soft PP material plastic handle for better anti-alkali, acid and corrosion effect



60 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	L(mm)	⚙️	🔧
1/2"	CMSU1627	270	5	30

**Reversible Ratchet Handle with Quick Release** (DIN 3122)

- Special textured surface on the handle for anti-slip and effective grip
- Improved PP+soft PP material plastic handle for better anti-alkali, acid and corrosion effect



72 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	L(mm)	⚙️	🔧
1/2"	CMRM1627	270	5	30

**Reversible Ratchet Handle with Quick Release** (DIN 3122)



72 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	L(mm)	⚙️	🔧
1/4"	CJRM0815	145	10	100
3/8"	CJRM1220	202	5	40
1/2"	CJRM1626	262	5	30

**Flexible Reversible Ratchet Handle with Quick Release** (DIN 3122)



72 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	L(mm)	⚙️	🔧
1/4"	CJHM0814	140	10	100
3/8"	CJHM1228	280	5	40
1/2"	CJHM1631	310	5	30

**Rapid Reversible Ratchet Handle with Quick Release** (DIN 3122)



48 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	L(mm)	⚙️	🔧
1/4"	CJEK0819	190	5	60
3/8"	CJEK1225	250	5	40
1/2"	CJEK1633	325	5	30

**Swivel Head Reversible Ratchet Handle** (DIN 3122)



72 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	L(mm)	⚙️	🔧
1/4"	CJLN0816	155	10	100
3/8"	CJLN1224	240	5	40
1/2"	CJLN1632	315	5	30

**Super Long Flex-Head Ratchet Handle** (DIN 3122)



72 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	L(mm)	⚙️	🔧
1/4"	CJKN0818	180	5	60
1/2"	CJKN1643	430	2	12

**Extra Long Reversible Ratchet Handle with Quick Release** (DIN 3122)



48 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	L(mm)	⚙️	🔧
1/4"	CJCK0819	195	5	60
3/8"	CJCK1228	320	5	30
1/2"	CJCK1640	400	3	18



**Stubby Reversible Ratchet Handle with Quick Release** (DIN 3122)



45 Gears / Mirror Polished

DRIVE	ITEM NO.	Mirror	L(mm)	⊕	⊖
1/4"	CHDI0809	90	10	80	
3/8"	CHDI1211	110	5	40	
1/2"	CHDI1613	130	5	40	

**Reversible Ratchet Handle with Quick Release (Knurled Handle)** (DIN 3122)



36 Gears / Satin Finished

DRIVE	ITEM NO.	Satin	L(mm)	⊕	⊖
1/4"	CHUG0812	124	10	100	
3/8"	CHUG1218	180	5	40	
1/2"	CHUG1626	250	5	30	

**Reversible Ratchet Handle with Quick Release** (DIN 3122)



36 Gears / Mirror Polished

DRIVE	ITEM NO.	Mirror	L(mm)	⊕	⊖
1/4"	CHAG0813	131	10	100	
3/8"	CHAG1216	180	5	40	
1/2"	CHAG1626	255	5	30	

**Reversible Ratchet Handle with Quick Release** (DIN 3122)



48 Gears / Mirror Polished

DRIVE	ITEM NO.	Mirror	L(mm)	⊕	⊖
1/2"	CHOK1625	250	5	30	

**Compact Head Reversible Ratchet Handle with Quick Release** (DIN 3122)



60 Gears / Mirror Polished

DRIVE	ITEM NO.	Mirror	L(mm)	⊕	⊖
1/4"	CHAU0813	130	10	100	
3/8"	CHAU1220	198	5	40	
1/2"	CHAU1625	250	5	30	

**Reversible Ratchet Handle with Quick Release** (DIN 3122)



72 Gears / Mirror Polished

DRIVE	ITEM NO.	Mirror	L(mm)	⊕	⊖
1/4"	CHAM0813	130	10	100	
3/8"	CHAM1220	198	5	40	
1/2"	CHAM1625	250	5	30	

**Reversible Ratchet Handle with Quick Release** (DIN 3122)

- Made of Chrome Molybdenum Alloy Steel
- Drop forged one piece steel construction ratchet body and driver
- Reversible 72 gear teeth high torque ratchet mechanism
- Quick release with spring-ball socket retention
- Compact ratchet head
- Light weight model
- Ergonomically designed anti-slip grip handle



72 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	Satin	L(inch)	⊕	⊖
3/4"	CHWM2451	20	2	8	

**Reversible Ratchet Handle with Quick Release** (DIN 3122)



43 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	Satin	L(inch)	⊕	⊖
3/4"	CHFS2451	20	2	8	

**Reversible Ratchet with Adjustable Tube Handle (Quick-Release)** (DIN 3122)



CHES2408 (500 - 800mm)

DRIVE	ITEM NO.	Satin	L(mm)	⊕	⊖
3/4"	CHES2408	500 - 800	1	4	
1"	CHES3208	500 - 800	1	4	

**Reversible Ratchet with Adjustable Tube Handle (Quick-Release)** (DIN 3122)



43 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	Satin	L(mm)	⊕	⊖
3/4"	CHES2408	500 - 800	1	4	
1"	CHES3208	500 - 800	1	4	

TOPTUL REVERSIBLE RATCHET WITH ADJUSTABLE & EXTENDABLE TUBE HANDLE

**Dustproof Reversible Ratchet Handle with Quick Release**

- Made of Chrome Molybdenum Alloy Steel
- Reversible 120 gear teeth with high torque ratchet mechanism
- Quick release with spring-ball socket retention
- Compact ratchet head for maximum durability and tool life
- Double sealed ratchet head prevents internal mechanism from dust and particulate contamination
- Handle can extend up to 1050mm with CABO series

(DIN 3122) (ISO 3315) (ASME B107.110)



• CHHW2451 + CABO Series



Quick release button and sealed head

120 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	Satin	L(mm)	⊕	⊖
3/4"	CHHW2451	510	2	8	

**Reversible Ratchet Handle with Quick Release** (DIN 3122)



36 Gears / Satin Chrome Finished

DRIVE	ITEM NO.	Satin	L(mm)	⊕	⊖
1/2"	CHAG1636	360	16	3	12

**Adjustable Handle (turn-lock)**



Dual Finished

DRIVE	ITEM NO.	Dual	L(mm)	⊕	⊖
1/2"	COAI1633	325	29.8	5	30

**Ratchet with Adjustable Handle**



ITEM NO. CONTENTS 6 (set)

GBAE0201

- 1 CHAG1636
- 1/2" Dr. Reversible Ratchet Handle with Quick Release
- 1 COAI1633
- 1/2" Dr. Adjustable Handle (turn-lock) Design

**Reversible Ratchet with Tube Handle (Quick-Release)** (DIN 3122)



24 Gears / Dual Finished

DRIVE	ITEM NO.	Dual	L(inch)	⊕	⊖
3/4"	CHNC2420	20	3	6	

**Reversible Ratchet with Tube Handle** (DIN 3122)



24 Gears / Dual Finished

DRIVE	ITEM NO.	Dual	L(inch)	⊕	⊖
1"	CHND3226	26	5	5	

**Reversible Ratchet with Tube Handle** (DIN 3122)



24 Gears / Dual Finished

DRIVE	ITEM NO.	Dual	L(inch)	⊕	⊖
1"	CHNC3232	32	1	4	

**Ratchet Head Swivel Handle** (DIN 3122)

- Chrome Molybdenum Steel ratchet head
- Reversible 3-way ratchet mechanism: Driving, Fixed & Withdrawing



24 Gears / Mirror Polished

DRIVE	ITEM NO.	Mirror	L(inch)	⊕	⊖
3/8"	CEAD1215	15	3	18	
1/2"	CEAD1618	18	3	6	

**Swivel Handle with Adjustable Tube Handle (Quick-Release)** (CR-V) (DIN 3122)



CFDC2408 (500 - 800mm)

DRIVE	ITEM NO.	Satin	L(mm)	⊕	⊖
3/4"	CFDC2408	500 - 800	2	8	

Satin Chrome Finished

DRIVE	ITEM NO.	Satin	L(mm)	⊕	⊖
3/4"	CFDC2408	500 - 800	2	8	

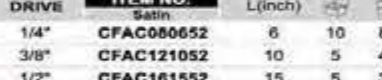
**Swivel Handle** (DIN 3122)



Mirror Polished

DRIVE	ITEM NO.	Mirror	L(inch)	⊕	⊖
1/4"	CFAC0806	8	10	80	
3/8"	CFAC1210	10	5	40	
	CFAC1610	10	5	40	
	CFAC1615	15	5	30	
1/2"	CFAC1618	18	5	20	
	CFAC1624	24	5	10	
	CFAC2418	18	2	8	
3/4"	CFAC2424	24	2	4	

**Swivel Handle (Knurled Grip)** (DIN 3122)



Satin Chrome Finished

DRIVE	ITEM NO.	Satin	L(inch)	⊕	⊖
1/4"	CFAC080652	6	10	80	
3/8"	CFAC121052	10	5	40	
1/2"	CFAC161552	15	5	30	

**Swivel Handle (Knurled Grip)** (DIN 3122)



Satin Finished

DRIVE	ITEM NO.	Satin	L(inch)	⊕	⊖
1/4"	CFAE0806	6	10	80	
3/8"	CFAE1210	10	5	40	
1/2"	CFAE1615	15	5	20	

**Extra Long Swivel Handle** (DIN 3122)



Mirror Polished

DRIVE	ITEM NO.	Mirror	L(inch)	⊕	⊖
3/8"	CFBC1215	15	5	30	
	CFBC1618	18	5	20	
1/2"	CFBC1624	24	5	10	
	CFBC1630	30	6	12	
3/4"	CFBC2440	40	6	6	
1"	CFBC3240	40	6	6	

**Swivel Handle** (DIN 3122)



Satin Chrome Finished

DRIVE	ITEM NO.	Satin	L(inch)	⊕	⊖
1/4"	CFKA0806	6	10	80	
3/8"	CFKA1210	10	5	40	
	CFKA1615	15	3	18	
1/2"	CFKA1618	18	2	10	
	CFKA1624	24	2	4	

**Swivel Handle (Quick-Release)** (DIN 3122)



Satin Chrome Finished

DRIVE	ITEM NO.	Satin	L(inch)	⊕	⊖
3/4"	CFJB2419	21	5	10	

**Sliding T-Handle** (CR-V) (DIN 3122)



Mirror / Satin Chrome Finished

DRIVE	ITEM NO.	Mirror / Satin	L(mm)	⊕	⊖
1/4"	CTCK0811	115	15	240	
3/8"	CTCK1220	202	5	40	
	CTCK1625	250	5	40	
1/2"	CTCK1630	303	5	40	

**Sliding T-Handle** (CR-V) (DIN 3122)



Mirror / Satin Chrome Finished

DRIVE	ITEM NO.	Mirror / Satin	L(mm)	⊕	⊖
3/4"	CTCA2446	480	5	10	
	CTCA2451	508	5	10	

**Sliding T-Handle** (CR-V) (DIN 3122)



Mirror / Satin Chrome Finished

DRIVE	ITEM NO.	Mirror / Satin	L(mm)	⊕	⊖
1"	CTCK3222	560	2	4	

**Sliding T-Handle with Quick Release** (CR-V) (DIN 3122)



Dual Finished

DRIVE	ITEM NO.	Dual	L(mm)	⊕	⊖
1"	CTCK3222	560	2	4	

The connected extension bar will not be slipped out or removed unless the quick-release button is pressed.

Satin Chrome Finished

DRIVE	ITEM NO.	Satin	L(mm)	⊕	⊖
3/8"	CTCJ1208	202	5	60	
1/2"	CTCJ1610	250	5	40	
3/4"	CTCJ2418	457	5	10	
	CTCJ2420	497	5	10	
1"	CTCJ3222	560	2	4	



**T-Handle Magnetic Spark Plug Socket**

DIN 899



ITEM NO.	SIZE (mm)	L (mm)	DRIVE
CTFB1435	14	350	2 12

**T-Handle Magnetic Spark Plug Socket**

DIN 899



ITEM NO.	SIZE (mm)	L (mm)	DRIVE
CTFB1635	16	350	2 12
CTFB2135	21	350	2 12

**Extension Bar with Swivel Magnetic Spark Plug Socket**

DIN 3123



DRIVE	ITEM NO.	SIZE (mm)	L (inch)
1/2"	CACM1615	16	15 5 30

DRIVE	ITEM NO.	SIZE (mm)	L (inch)
3/8"	CACN1208	21	8 5 30
	CACN1215	21	15 5 30
1/2"	CACN1608	21	8 5 30
	CACN1615	21	15 5 30

**L-Handle / 105°**

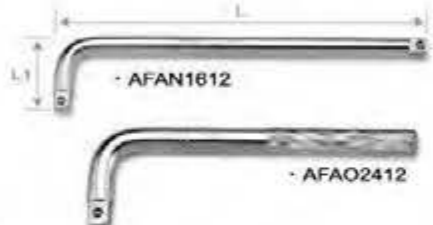
CR-V DIN3122



DRIVE	ITEM NO.	L (inch)	Ø (mm)
1/2"	AFAS1612	12	16 5 30

**L-Handle (90° Offset)**

CR-V DIN 3122



DRIVE	ITEM NO.	SIZE (inch)	L1 (mm)	L (mm)
3/8"	AFAN1208	8	45	210 10 80
	AFAN1610	10	60	250 5 40
1/2"	AFAN1612	12	60	300 5 30
	AFAN1614	14	120	360 4 16
3/4"	AFAN2416	16	150	400 4 12

**L-Handle with Adjustable Handle**



ITEM NO.	CONTENTS
GBAE0202	1 AFAS1612 1/2" Dr. L-Handle 1 CAJ1633 1/2" Dr. Adjustable Handle (turn-lock design)

**Extension Bar with Quick Release**

CR-V DIN 3123



\* The locked-on design mechanism acts to lock the socket in place. Sockets will not be slipped out or removed unless the quick-release mechanism is released.

DRIVE	ITEM NO.	L (inch)
3/4"	CABA2404	4 2 32
	CABA2408	8 2 24
	CABA2416	16 2 12
1"	CABA3208	8 2 16
	CABA3216	16 2 8

**Extension Bar with Quick Release**

- Made of Chrome Vanadium Steel Material
- Quick-release mechanism for easy lock and release the socket
- Can be used as a handle extension of CHHW2451

CR-V DIN 3123 ISO 3316 ASME B107.110



DRIVE	ITEM NO.	L (inch)
3/4"	CABO2404	4 5 40
	CABO2408	8 2 24
	CABO2416	16 2 12

**Extension Bar**

CR-V DIN 3123



DRIVE	ITEM NO.	L (inch)
3/4"	CAAO2404	4 5 40
	CAAO2408	8 2 24
	CAAO2416	16 2 12
1"	CAAO3208	8 2 16
	CAAO3216	16 2 8

**Extension Bar**

CR-V DIN 3123



DRIVE	ITEM NO.	L (inch)
1/4"	CAAA0802	2 30 480
	CAAA0803	3 30 480
	CAAA0804	4 30 480
	CAAA0806	6 30 300
	CAAA1203	3 25 200
3/8"	CAAA1206	6 15 120
	CAAA1210	10 10 80
	CAAA1603	3 10 80
1/2"	CAAA1605	5 10 80
	CAAA1610	10 5 40

**Extension Bar (Knurled Grip + Hex Head)**

CR-V DIN 3123



DRIVE	ITEM NO.	L (inch)
1/4"	CAAH0809	9 10 100

**Extension Bar (Knurled Grip)**

CR-V DIN 3123



DRIVE	ITEM NO.	L (inch)
1/4"	CAAF0802	2 30 480
	CAAF0803	3 30 480
	CAAF0804	4 30 480
	CAAF0806	6 30 300
3/8"	CAAF1203	3 25 200
	CAAF1206	6 15 120
1/2"	CAAF1209	9 10 80
	CAAF1602	2 10 100
	CAAF1605	5 10 80
	CAAF1610	10 5 40

**Extra Long Extension Bar**

CR-V DIN 3123



DRIVE	ITEM NO.	L (inch)
1/2"	CAAJ1615	15 10 20
	CAAJ1624	24 10 20

**Flexible Extension Bar**



DRIVE	ITEM NO.	L (inch)
1/4"	CASA0806	6 30 300

**Extra Long Flexible Extension Bar**



DRIVE	ITEM NO.	L (inch)
1/4"	CASA0818	18 10 60

**Speed Brace**

DIN 3122



DRIVE	ITEM NO.	L (mm)
1/4"	CADC0840	400 5 20
3/8"	CADC1240	400 5 20
1/2"	CADC1642	420 5 10

**Spinner Handle**

DIN 3122



DRIVE	ITEM NO.	L (mm)
1/4"	CAIA0815	150 10 100

**Spinner Handle**

DIN 3122



DRIVE	ITEM NO.	L (mm)
1/4"	CAIP0814	135 5 40
	CAIP0816	165 5 50

**LED LIGHTING ADAPTER**

- Expert quality made of Chrome Vanadium Steel
- Strong LED light pass through socket overcomes working with bolts or nuts in the deep and dark space
- A perfect auto mechanical tool for working under the chassis or hood
- Available in satin-chrome finish



**Low Profile Adapter (Knurled Grip)**

DIN 3123



ITEM NO.	SIZE	L (mm)
CAEC1216	3/8"(F) x 1/2"(M)	30 15 240

**15PCS 1/2" DR. LED Lighting Adapter W/Display Color Box**



ITEM NO.	SIZE	L (mm)
CAED1612	1/2"(F) x 3/8"(M)	58 1 12
CAED1616	1/2"(F) x 1/2"(M)	63 1 12

**28PCS Professional Grade 1/2" DR. Flank Socket Set**



\* Special 1/2" Dr. socket set includes one LED lighting adapter

ITEM NO.	CONTENTS
BAA1608-1632	1/2" Dr. 6PT Flank Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30, 32 mm
CAAA1605 & 1610	1/2" Dr. Extension Bar - 5" & 10" (L)
CAHA1676	1/2" Dr. Universal Joint
CJBG1627	1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release
CTCK1625	1/2" Dr. Sliding T-Handle - 10" (L)
CAED1616	1/2" Dr. LED Lighting Adapter
ALDA1205	LED Battery (LR44)

BLOW CASE: W392 x D210 x H88 (mm)





# TOPTUL METAL CASE SERIES



**27PCS**  
1/4" DR. Socket Set  
1/4"



**Stubby 19.5mmL One-Piece Construction Bit Sockets**

- Made of SNCM+V Alloy Steel
- Black Phosphate Finish
- Ideal for Use in Confined Spaces

ITEM NO.	6PT	Satin	GCAD2701
	12PT	Satin	GCAD2702

**CONTENTS** 10 (SET)

- BAEA0804-0813**  
1/4" Dr. 6PT Flank Sockets  
4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
- CAHA0840**  
1/4" Dr. Universal Joint
- CAAA0802 & 0804**  
1/4" Dr. Extension Bar - 2" & 4" (L)
- CTCK0811**  
1/4" Dr. Sliding T-Handle
- S135**  
1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release
- CAIA0815**  
1/4" Dr. Spinner Handle
- BCDB0804-0808**  
1/4" Dr. One-Piece Stubby Hex Bit Sockets  
4, 5, 6, 8 mm
- BCCB0804-0808**  
1/4" Dr. One-Piece Stubby Slotted Bit Sockets  
4.5, 6.5, 8 mm
- BCAB08P1-08P3**  
1/4" Dr. One-Piece Stubby Phillips Bit Sockets  
PH1, PH2, PH3

**METAL CASE: W197 x D103 x H33 (mm)**

**17PCS**  
1/4" DR. Socket Set  
1/4"



GCAD1701



GCAD1702

ITEM NO.	6PT	Satin	GCAD1701	Satin	GCAD1702
<b>CONTENTS</b>	10 (SET)				
<b>BAEA0804-0813</b>	1/4" Dr. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm				
<b>CAHA0840</b>	1/4" Dr. Universal Joint				
<b>CAAA0804</b>	1/4" Dr. Extension Bar - 4" (L)				
<b>CTCK0811</b>	1/4" Dr. Sliding T-Handle				
<b>CAIA0815</b>	1/4" Dr. Spinner Handle				
<b>CHAG0815</b>	Mirror				
<b>CHAG0815</b>	1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release				
<b>CJBG0815 - Satin</b>	1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release				

**METAL CASE: W197 x D103 x H33 (mm)**

**17PCS**  
1/4" DR. Socket Set  
1/4"



ITEM NO.	6PT	Satin	GCAD1703
<b>CONTENTS</b>	10 (SET)		
<b>BAEA0804-0813</b>	1/4" Dr. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm		
<b>CAHA0840</b>	1/4" Dr. Universal Joint		
<b>CAAA0804</b>	1/4" Dr. Extension Bar - 4" (L)		
<b>CTCK0811</b>	1/4" Dr. Sliding T-Handle		
<b>CAIA0815</b>	1/4" Dr. Spinner Handle		
<b>CJFM0815</b>	1/4" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release		

**METAL CASE: W197 x D103 x H33 (mm)**

**9PCS**  
1/2" DR. Star Bit Socket Set  
1/2"



ITEM NO.	Satin	CONTENTS	10 (SET)
<b>GAAD0903</b>		<b>BCFA1620-1660</b> 1/2" Dr. Star Bit Sockets (55mmL) T20, T25, T27, T30, T40, T45, T50, T55, T60	

**METAL CASE: W197 x D103 x H33 (mm)**

**10PCS**  
1/2" DR. Hex Bit Socket Set  
1/2"



ITEM NO.	Satin	CONTENTS	10 (SET)
<b>GAAD1007</b>		<b>BCDA1604-1619</b> 1/2" Dr. Hex Bit Sockets (55mmL) 4, 5, 6, 7, 8, 10, 12, 14, 17, 19 mm	

**METAL CASE: W197 x D103 x H33 (mm)**

**9PCS**  
1/2" DR. Long Star Bit Socket Set  
1/2"



ITEM NO.	Satin	CONTENTS	10 (SET)
<b>GAAD0906</b>		<b>BCXA1620-1660</b> 1/2" Dr. Long Star Bit Sockets (80mmL) T20, T25, T27, T30, T40, T45, T50, T55, T60	

**METAL CASE: W197 x D103 x H33 (mm)**

**9PCS**  
1/2" DR. Long Hex Bit Socket Set  
1/2"



ITEM NO.	Satin	CONTENTS	10 (SET)
<b>GAAD0905</b>		<b>BCWA1604-1617</b> 1/2" Dr. Long Hex Bit Sockets (80mmL) 4, 5, 6, 7, 8, 10, 12, 14, 17 mm	

**METAL CASE: W197 x D103 x H33 (mm)**





**40PCS**  
1/4" & 3/8" DR. Socket Set (METRIC & SAE)  
1/4"  
3/8"



ITEM NO.	6PT	Metric	GCAD4002
<b>CONTENTS</b>	6 (SET)		
BAEA0804-0812	1/4" Dr. 6PT Flank Sockets 4, 5, 6, 7, 8, 9, 10, 11, 12 mm		
BBEA0806-0816	1/4" Dr. 6PT Flank Sockets 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"		
BAEA1209-1219	3/8" Dr. 6PT Flank Sockets 9, 10, 11, 12, 13, 14, 16, 17, 19 mm		
BBEA1212-1224	3/8" Dr. 6PT Flank Sockets 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"		
CHAG1218	3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
BAAR1216	3/8" Dr. Spark Plug Socket - 16 mm		
ALAC1212	3/8" Dr. Disc		
CAIA0815	1/4" Dr. Spinner Handle		
CAAA1203	3/8" Dr. Extension Bar - 3" (L)		
CAEA1208	3/8"(F) x 1/4"(M) Dr. Adapter		
METAL CASE: W324 x D149 x H48 (mm)			

**50PCS**  
1/4" DR. Socket Set (METRIC)  
1/4"



ITEM NO.	6PT	Metric	GCAD5005
<b>CONTENTS</b>	6 (SET)		
BAEA0805-0813	1/4" Dr. 6PT Flank Sockets 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm		
BAAE0806-0813	1/4" Dr. 6PT Flank Deep Sockets 6, 7, 8, 9, 10, 11, 12, 13 mm		
FSBA0801-0803	1/4" Hex Shank Phillips Insert Bits PH1, PH2, PH3		
FSCA0801-0803	1/4" Hex Shank Pozl Insert Bits PZ1, PZ2, PZ3		
FSA0803-0808	1/4" Hex Shank Slotted Insert Bits 3, 4, 5, 5.5, 6.5, 8 mm		
FSDA0803-0808	1/4" Hex Shank Hexagon Insert Bits 3, 4, 5, 6, 8 mm		
FSEA0808-0840	1/4" Hex Shank Star Insert Bits T8, T10, T15, T20, T25, T27, T30, T40		
FTAB0808	1/4" Dr. x 1/4" (H) Quick Change Bit Holder		
CAAA0802 & 0806	1/4" Dr. Extension Bar - 2" & 6" (L)		
CAHA0840	1/4" Dr. Universal Joint		
CTCK0811	1/4" Dr. Sliding T-Handle		
CAIP0816	1/4" Dr. Spinner Handle		
CFKA0806	1/4" Dr. Swivel Handle - 6" (L)		
CJBG0815	1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
METAL CASE: W370 x D154 x H50 (mm)			

**50PCS**  
1/4" DR. Socket Set (METRIC)  
1/4"



ITEM NO.	6PT	Metric	GCAD5003
<b>CONTENTS</b>	6 (SET)		
BAEA0805-0813	1/4" Dr. 6PT Flank Sockets 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm		
BAAE0806-0813	1/4" Dr. 6PT Flank Deep Sockets 6, 7, 8, 9, 10, 11, 12, 13 mm		
FSBA0801-0803	1/4" Hex Shank Phillips Insert Bits PH1, PH2, PH3		
FSCA0801-0803	1/4" Hex Shank Pozl Insert Bits PZ1, PZ2, PZ3		
FSA0803-0808	1/4" Hex Shank Slotted Insert Bits 3, 4, 5, 5.5, 6.5, 8 mm		
FSDA0803-0808	1/4" Hex Shank Hexagon Insert Bits 3, 4, 5, 6, 8 mm		
FSEA0808-0840	1/4" Hex Shank Star Insert Bits T8, T10, T15, T20, T25, T27, T30, T40		
FTAB0808	1/4" Dr. x 1/4" (H) Quick Change Bit Holder		
CAAA0802 & 0806	1/4" Dr. Extension Bar - 2" & 6" (L)		
CAHA0840	1/4" Dr. Universal Joint		
CTCK0811	1/4" Dr. Sliding T-Handle		
CAIP0816	1/4" Dr. Spinner Handle		
CFKA0806	1/4" Dr. Swivel Handle - 6" (L)		
CJBG0815	1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
METAL CASE: W370 x D154 x H50 (mm)			

**50PCS**  
1/4" DR. Socket Set (METRIC)  
1/4"



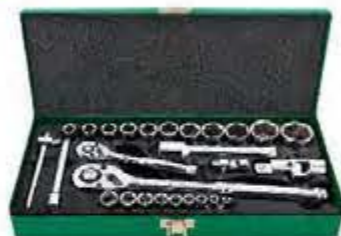
ITEM NO.	6PT	Metric	GCAD5001
<b>CONTENTS</b>	6 (SET)		
BAEA0805-0813	1/4" Dr. 6PT Flank Sockets 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm		
BAAE0806-0813	1/4" Dr. 6PT Flank Deep Sockets 6, 7, 8, 9, 10, 11, 12, 13 mm		
FSBA0801-0803	1/4" Hex Shank Phillips Insert Bits PH1, PH2, PH3		
FSCA0801-0803	1/4" Hex Shank Pozl Insert Bits PZ1, PZ2, PZ3		
FSA0803-0808	1/4" Hex Shank Slotted Insert Bits 3, 4, 5, 5.5, 6.5, 8 mm		
FSDA0803-0808	1/4" Hex Shank Hexagon Insert Bits 3, 4, 5, 6, 8 mm		
FSEA0808-0840	1/4" Hex Shank Star Insert Bits T8, T10, T15, T20, T25, T27, T30, T40		
FTAB0808	1/4" Dr. x 1/4" (H) Quick Change Bit Holder		
CAAA0802 & 0806	1/4" Dr. Extension Bar - 2" & 6" (L)		
CAHA0840	1/4" Dr. Universal Joint		
CTCK0811	1/4" Dr. Sliding T-Handle		
CAIP0816	1/4" Dr. Spinner Handle		
CFKA0806	1/4" Dr. Swivel Handle - 6" (L)		
CHUG0812	1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
METAL CASE: W370 x D154 x H50 (mm)			

**50PCS**  
1/4" DR. Socket Set (SAE)  
1/4"



ITEM NO.	6PT	Metric	GCAD5007
<b>CONTENTS</b>	6 (SET)		
BBEA0806-0818	1/4" Dr. 6PT Flank Sockets 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"		
BEE0807-0816	1/4" Dr. 6PT Flank Deep Sockets 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"		
FSBA0801-0803	1/4" Hex Shank Phillips Insert Bits PH1, PH2, PH3		
FSCA0801-0803	1/4" Hex Shank Pozl Insert Bits PZ1, PZ2, PZ3		
FSA0803-0808	1/4" Hex Shank Slotted Insert Bits 3, 4, 5, 5.5, 6.5, 8 mm		
FSDA0803-0808	1/4" Hex Shank Hexagon Insert Bits 3, 4, 5, 6, 8 mm		
FSEA0808-0840	1/4" Hex Shank Star Insert Bits T8, T10, T15, T20, T25, T27, T30, T40		
FTAB0808	1/4" Dr. x 1/4" (H) Quick Change Bit Holder		
CAAA0802 & 0806	1/4" Dr. Extension Bar - 2" & 6" (L)		
CAHA0840	1/4" Dr. Universal Joint		
CTCK0811	1/4" Dr. Sliding T-Handle		
CAIP0816	1/4" Dr. Spinner Handle		
CFKA0806	1/4" Dr. Swivel Handle - 6" (L)		
CHAG0813	1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
METAL CASE: W370 x D154 x H50 (mm)			

**27PCS**  
1/4" & 1/2" DR. Socket Set  
1/4"  
1/2"



ITEM NO.	6PT	Metric	GCAD7302
<b>CONTENTS</b>	6 (SET)		
BAEA0805-0813	1/4" Dr. 6PT Flank Sockets 5, 6, 7, 8, 9, 10, 11, 12, 13 mm		
BAEA1610-1627	1/2" Dr. 6PT Flank Sockets 10, 11, 12, 13, 14, 16, 17, 19, 21, 24, 27 mm		
CHAG0813 & 1626	1/4" & 1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
CTCK0811	1/4" Dr. Sliding T-Handle		
CAHA0840 & 1678	1/4" & 1/2" Dr. Universal Joint		
CAAA0804	1/4" Dr. Extension Bar - 4" (L)		
CAAA1605	1/2" Dr. Extension Bar - 5" (L)		
METAL CASE: W324 x D149 x H48 (mm)			

**16PCS**  
1/2" DR. Socket Set  
1/2"



ITEM NO.	6PT	Metric	GCAD1607
<b>CONTENTS</b>	6 (SET)		
BAEA1610-1632	1/2" Dr. 6PT Flank Sockets 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32 mm		
CAAA1605	1/2" Dr. Extension Bar - 5" (L)		
CAHA1678	1/2" Dr. Universal Joint		
CTCK1630	1/2" Dr. Sliding T-Handle - 12" (L)		
CJBG1627	1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
METAL CASE: W324 x D149 x H48 (mm)			



**HAND PACKAGING  
QUALITY CONTROL**







**26PCS**  
3/8" DR. Socket Set  
3/8"



ITEM NO.	6PT	12PT	CONTENTS
	Satin GCAD2609	Satin GCAD2610	6 (SET)
<b>CONTENTS</b>			
1 BAEA1206-1224 3/8" Dr. 6PT Flank Sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24 mm			
1 CJTV1224 3/8" Dr. 60 Teeth Rotatory Ratchet Handle with Push-Through Mechanism			
1 CTCK1220 3/8" Dr. Sliding T-Handle - 8" (L)			
1 CAAA1203-1210 3/8" Dr. Extension Bar - 3", 6", 10" (L)			
1 CAHA1254 3/8" Dr. Universal Joint			
1 BAAR1216 & 1221 3/8" Dr. Spark Plug Sockets - 16 & 21 mm			
METAL CASE: W370 x D154 x H50 (mm)			

**25PCS**  
3/8" DR. Socket Set  
3/8"



ITEM NO.	6PT	12PT	CONTENTS
	Mirror GCAD2501	Satin GCAD2502	6 (SET)
<b>CONTENTS</b>			
1 BAEA1206-1224 3/8" Dr. 6PT Flank Sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24 mm			
1 CAAA1203 & 1206 3/8" Dr. Extension Bar - 3" & 6" (L)			
1 CAHA1254 3/8" Dr. Universal Joint			
1 BAAT1216 & 1221 3/8" Dr. Magnetic Spark Plug Sockets - 16 & 21 mm			
1 CJBG1220 3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release			
1 CTCK1220 3/8" Dr. Sliding T-Handle			
METAL CASE: W370 x D154 x H50 (mm)			

**66PCS**  
1/4" DR. Socket Set  
1/4"



ITEM NO.	6PT	CONTENTS
	Satin GCAD6601	6 (SET)
<b>CONTENTS</b>		
1 BAEA0804-0814 1/4" Dr. 6PT Flank Sockets 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm		
1 BAE0804-0814 1/4" Dr. 6PT Flank Deep Sockets 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm		

1 CJTV0818 1/4" Dr. 60 Teeth Rotatory Ratchet Handle with Push-Through Mechanism
1 CTCK0811 1/4" Dr. Sliding T-Handle
1 CAAA0802 & 0806 1/4" Dr. Extension Bar - 2" & 6" (L)
1 CAHA0840 1/4" Dr. Universal Joint
1 CAIA0815 1/4" Dr. Spinner Handle
1 FTAB0808 1/4" Dr. Quick Change Bit Holder
1 GACW3503 - 35PCS 1/4" Hex Drive Mini Ratchet Bit Set
1 (H) 60 Teeth Mini Reversible Bit Ratchet Handle
1 FSBA: PH0, PH1, PH2, PH3
1 FSQA: PZ0, PZ1, PZ2, PZ3
1 FSHA: SQ1 & SQ2
1 FSAA: 3, 4, 5.5, 6.5 mm
1 FSDA: 2, 2.5, 3, 4, 5, 6 mm
1 FSEA: T10, T15, T20, T25, T27, T30, T40
1 FSGA: T10, T15, T20, T25, T27, T30, T40
METAL CASE: W370 x D154 x H50 (mm)

**20PCS**  
3/8" DR. Socket Set (METRIC)  
3/8"



ITEM NO.	6PT	12PT	CONTENTS
	Satin GCAD2006	Satin GCAD2007	6 (SET)
<b>CONTENTS</b>			
1 BAEA1208-1222 3/8" Dr. 6PT Flank Sockets 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22 mm			
1 CAAA1203 & 1206 3/8" Dr. Extension Bar - 3" & 6" (L)			
1 CAHA1254 3/8" Dr. Universal Joint			
1 CTCK1220 3/8" Dr. Sliding T-Handle - 8" (L)			
1 BAAR1216 3/8" Dr. Spark Plug Socket - 16 mm			
1 CFKA1210 3/8" Dr. Swivel Handle - 10" (L)			
1 CJBG1220 3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release			
METAL CASE: W370 x D154 x H50 (mm)			

**12PCS**  
1/2" DR. Bit Socket Set  
1/2"



ITEM NO.	CONTENTS
	Satin GAAD1202
<b>CONTENTS</b>	
1 BCTA1605 1/2" Dr. Extra Long Hex Bit Socket 5 mm (L=180mm)	
1 BCEA1607 & 1608 1/2" Dr. Long Hex Bit Sockets 7 & 8 mm (L=100mm)	
1 BCIA1606 & 1610 1/2" Dr. Extra Long Hex Bit Sockets 6 & 10 mm (L=140mm)	
1 BCJA1606-1612 1/2" Dr. Long Spline Bit Sockets M6, M8, M10, M12 (L=100mm)	
1 BCKA1640 & 1645 1/2" Dr. Extra Long Star Tamperproof Bit Sockets T40 & T45 (L=120mm)	
1 BCVA1655 1/2" Dr. Extra Long Star Tamperproof Bit Socket T55 (L=140mm)	
METAL CASE: W370 x D154 x H50 (mm)	

**20PCS**  
3/8" DR. Socket Set (METRIC)  
3/8"



ITEM NO.	6PT	12PT	CONTENTS
	Mirror GCAD2001	Satin GCAD2004	6 (SET)
<b>CONTENTS</b>			
1 BAEA1208-1222 3/8" Dr. 6PT Flank Sockets 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22 mm			
1 CAAA1203 & 1206 3/8" Dr. Extension Bar - 3" & 6" (L)			
1 CAHA1254 3/8" Dr. Universal Joint			
1 CTCK1220 3/8" Dr. Sliding T-Handle - 8" (L)			
1 BAAR1216 3/8" Dr. Spark Plug Socket - 16 mm			
1 CFAE1210 3/8" Dr. Swivel Handle - 10" (L)			
1 CHAG1218 - Mirror 3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release			
1 CJBG1220 - Satin 3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release			
METAL CASE: W370 x D154 x H50 (mm)			

**24PCS**  
1/2" DR. Bit Socket Set  
1/2"



ITEM NO.	CONTENTS
	Satin GAAD2402
<b>CONTENTS</b>	
1 BCDA1604-1612 1/2" Dr. Hex Bit Sockets 4, 5, 6, 7, 8, 10, 12 mm	
1 BCCA1608-1616 1/2" Dr. Slotted Bit Sockets 8, 10, 12, 14, 16 mm	
1 BCAA16P2-16P4 1/2" Dr. Phillips Bit Sockets PH2, PH3, PH4	
1 BCFA1620-1660 1/2" Dr. Star Bit Sockets T20, T25, T27, T30, T40, T45, T50, T55, T60	
METAL CASE: W370 x D154 x H50 (mm)	

**20PCS**  
3/8" DR. Socket Set (METRIC)  
3/8"



ITEM NO.	6PT	12PT	CONTENTS
	Satin GCAD2002	Satin GCAD2003	6 (SET)
<b>CONTENTS</b>			
1 BAEA1208-1222 3/8" Dr. 6PT Flank Sockets 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22 mm			
1 CAAA1203 & 1206 3/8" Dr. Extension Bar - 3" & 6" (L)			
1 CAHA1254 3/8" Dr. Universal Joint			
1 CTCK1220 3/8" Dr. Sliding T-Handle - 8" (L)			
1 BAAR1216 3/8" Dr. Spark Plug Socket - 16 mm			
1 CFAE1210 3/8" Dr. Swivel Handle - 10" (L)			
1 CHUG1218 3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release			
METAL CASE: W370 x D154 x H50 (mm)			

**24PCS**  
1/2" DR. Bit Socket Set  
1/2"



ITEM NO.	CONTENTS
	Satin GAAD2404
<b>CONTENTS</b>	
1 BCAA16P2 & 16P3 1/2" Dr. Phillips Bit Sockets PH2 & PH3	
1 BCDA1604-1612 1/2" Dr. Hex Bit Sockets 4, 5, 6, 7, 8, 10, 12 mm	
1 BCHA1606-1616 1/2" Dr. Spline Bit Sockets M6, M8, M10, M12, M14, M16	
1 BCFA1620-1660 1/2" Dr. Star Bit Sockets T20, T25, T27, T30, T40, T45, T50, T55, T60	
METAL CASE: W370 x D154 x H50 (mm)	



**// 72PCS**  
1/4" DR. Socket & Ball Point Hex Key Wrench Set

1/4"



ITEM NO.	6PT	Satin	GCAD7202
<b>CONTENTS</b>			3 (SET)
<b>BAAE0804-0814</b>			
1/4" Dr. 6PT Flank Sockets			4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
<b>BAEE0804-0814</b>			
1/4" Dr. 6PT Flank Deep Sockets			4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
<b>BCDA082E-0808</b>			
1/4" Dr. Hex Bit Sockets			2.5, 3, 4, 4.5, 5, 6, 7, 8 mm
<b>BCCA0803-0808</b>			
1/4" Dr. Slotted Bit Sockets			3, 4, 4.5, 5.5, 6.5, 8 mm
<b>BCAA08P0-08P4</b>			
1/4" Dr. Phillips Bit Sockets			PH0, PH1, PH2, PH3, PH4
<b>BCBA08P0-08P3</b>			
1/4" Dr. Pozid Bit Sockets			PZ0, PZ1, PZ2, PZ3
<b>BCFA0808-0840</b>			
1/4" Dr. Star Bit Sockets			T8, T10, T15, T20, T25, T27, T30, T40
<b>CTCK0811</b>			
1/4" Dr. Sliding T-Handle			
<b>CAHA0840</b>			
1/4" Dr. Universal Joint			
<b>CAIA0815</b>			
1/4" Dr. Spinner Handle			
<b>GAAL0916</b>			
Long Type Ball Point Hex Key Wrench Set			
<b>CJBM0815</b>			
1/4" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release			
<b>CAAA0802-0806</b>			
1/4" Dr. Extension Bar - 2", 4", 6" (L)			
<b>METAL CASE: W445 x D188 x H50 (mm)</b>			

**// 22PCS**  
1/2" DR. Flank Deep Socket Set

1/2"



ITEM NO.	6PT	Satin	GAAD2202
<b>CONTENTS</b>			3 (SET)
<b>BAAE1608-1632</b>			
1/2" Dr. 6PT Flank Deep Sockets			8, 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 29, 30, 32 mm
<b>BAAT1616 &amp; 1621</b>			
1/2" Dr. Magnetic Spark Plug Sockets - 16 & 21 mm			
<b>METAL CASE: W445 x D188 x H50 (mm)</b>			

**// 33PCS**  
3/8" DR. Socket Set (METRIC & SAE)

3/8"



ITEM NO.	6PT	Satin	GCAD3303
<b>CONTENTS</b>			3 (SET)
<b>BAAE1208-1222</b>			
3/8" Dr. 6PT Flank Sockets			8, 10, 12, 13, 14, 16, 17, 18, 19, 21, 22 mm
<b>BBEA1210-1228</b>			
3/8" Dr. 6PT Flank Sockets			5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 25/32", 13/16", 7/8"
<b>CAHA1254</b>			
3/8" Dr. Universal Joint			
<b>CAAA1203-1210</b>			
3/8" Dr. Extension Bar - 3", 6", 10" (L)			
<b>CTCK1208</b>			
3/8" Dr. Sliding T-Handle With Quick Release - 8" (L)			
<b>CFKA1210</b>			
3/8" Dr. Swivel Handle - 10" (L)			
<b>BAAR1216 &amp; 1221</b>			
3/8" Dr. Spark Plug Sockets - 16 & 21 mm			
<b>CJBG1220</b>			
3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release			
<b>CAIP0816</b>			
1/4" Dr. Spinner Handle			
<b>CAEB0812</b>			
1/4"(F) x 3/8"(M) Dr. Adapter			
<b>METAL CASE: W445 x D188 x H50 (mm)</b>			

**// 38PCS**  
1/2" DR. Socket Set (METRIC & SAE)

1/2"



ITEM NO.	6PT	Satin	GCAD3803
<b>CONTENTS</b>			3 (SET)
<b>BAAE1608-1632</b>			
1/2" Dr. 6PT Flank Sockets			8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 29, 30, 32 mm
<b>BBEA1612-1640</b>			
1/2" Dr. 6PT Flank Sockets			3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"
<b>CAHA1678</b>			
1/2" Dr. Universal Joint			
<b>CAAA1603 &amp; 1610</b>			
1/2" Dr. Extension Bar - 3" & 10" (L)			
<b>CFKA1615</b>			
1/2" Dr. Swivel Handle - 15" (L)			
<b>CJBG1627</b>			
1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release			
<b>CAGA1216</b>			
3/8"(F) x 1/2"(M) Dr. 3-Way Adapter			
<b>METAL CASE: W445 x D188 x H50 (mm)</b>			

**// 25PCS**  
1/2" DR. Socket Set (METRIC)

1/2"



ITEM NO.	6PT	Satin	GCAD2509
<b>CONTENTS</b>			3 (SET)
<b>BAAE1608-1632</b>			
1/2" Dr. 6PT Flank Sockets			8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm
<b>CAAA1605 &amp; 1610</b>			
1/2" Dr. Extension Bar - 5" & 10" (L)			
<b>CAHA1678</b>			
1/2" Dr. Universal Joint			
<b>CTCK1630</b>			
1/2" Dr. Sliding T-Handle - 12" (L)			
<b>BAAR1621</b>			
1/2" Dr. Spark Plug Socket - 21 mm			
<b>CFAE1615</b>			
1/2" Dr. Swivel Handle - 15" (L)			
<b>CHUG1626</b>			
1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release			
<b>METAL CASE: W445 x D188 x H50 (mm)</b>			

**// 25PCS**  
1/2" DR. Socket Set (SAE)

1/2"



ITEM NO.	6PT	Mirror	GCAD2513
<b>CONTENTS</b>			3 (SET)
<b>BBEA1610-1640</b>			
1/2" Dr. 6PT Flank Sockets			5/16", 3/8", 7/16", 1/2", 9/16", 19/32", 5/8", 11/16", 3/4", 25/32", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4"
<b>CAAA1605 &amp; 1610</b>			
1/2" Dr. Extension Bar - 5" & 10" (L)			
<b>CAHA1678</b>			
1/2" Dr. Universal Joint			
<b>CTCK1630</b>			
1/2" Dr. Sliding T-Handle - 12" (L)			
<b>BBAR1626</b>			
1/2" Dr. Spark Plug Socket - 13/16"			
<b>CFAC1615</b>			
1/2" Dr. Swivel Handle - 15" (L)			
<b>CHAG1626</b>			
1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release			
<b>METAL CASE: W445 x D188 x H50 (mm)</b>			

**// 25PCS**  
1/2" DR. Socket Set

1/2"



ITEM NO.	6PT	Satin	GCAD2511
<b>CONTENTS</b>			3 (SET)
<b>BAAE1610-1632</b>			
1/2" Dr. 6PT Flank Sockets			10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm
<b>CAAA1605 &amp; 1610</b>			
1/2" Dr. Extension Bar - 5" & 10" (L)			
<b>CAHA1678</b>			
1/2" Dr. Universal Joint			
<b>CTCK1630</b>			
1/2" Dr. Sliding T-Handle - 12" (L)			
<b>BAAR1621</b>			
1/2" Dr. Spark Plug Socket - 21 mm			
<b>CFKA1615</b>			
1/2" Dr. Swivel Handle - 15" (L)			
<b>CJBG1627</b>			
1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release			
<b>METAL CASE: W445 x D188 x H50 (mm)</b>			

**// 24PCS**  
1/2" DR. Socket Set

1/2"



ITEM NO.	6PT	Satin	GCAD2406
<b>CONTENTS</b>			3 (SET)
<b>BAAE1610-1632</b>			
1/2" Dr. 6PT Flank Sockets			10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32 mm
<b>CJTV1629</b>			
1/2" Dr. 60 Teeth Rotatory Ratchet Handle with Push-Through Mechanism			
<b>CTCK1625</b>			
1/2" Dr. Sliding T-Handle - 10" (L)			
<b>CAAA1605 &amp; 1610</b>			
1/2" Dr. Extension Bar - 5" & 10" (L)			
<b>CAHA1678</b>			
1/2" Dr. Universal Joint			
<b>BAAR1616 &amp; 1621</b>			
1/2" Dr. Spark Plug Sockets - 16 & 21 mm			
<b>METAL CASE: W445 x D188 x H50 (mm)</b>			

**// 24PCS**  
1/2" DR. Socket Set

1/2"



ITEM NO.	6PT	Satin	GCAD2408
<b>CONTENTS</b>			3 (SET)
<b>BAAE1608-1632</b>			
1/2" Dr. 6PT Flank Sockets			8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 23, 24, 27, 30, 32 mm
<b>CAAA1605 &amp; 1610</b>			
1/2" Dr. Extension Bar - 5" & 10" (L)			
<b>CTCK1625</b>			
1/2" Dr. Sliding T-Handle - 10" (L)			
<b>CAHA1678</b>			
1/2" Dr. Universal Joint			
<b>CFAC1615</b>			
1/2" Dr. Swivel Handle			
<b>CJFM1627</b>			
1/2" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release			
<b>METAL CASE: W445 x D188 x H50 (mm)</b>			

**// 24PCS**  
1/2" DR. Socket Set

1/2"



ITEM NO.	6PT	Mirror	GCAD2401	Satin	GCAD2403
<b>CONTENTS</b>					3 (SET)
<b>BAAE1608-1632</b>					
1/2" Dr. 6PT Flank Sockets					8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 23, 24, 27, 30, 32 mm
<b>CAAA1605 &amp; 1610</b>					
1/2" Dr. Extension Bar - 5" & 10" (L)					
<b>CTCK1625</b>					
1/2" Dr. Sliding T-Handle - 10" (L)					
<b>CAHA1678</b>					
1/2" Dr. Universal Joint					
<b>CFAC1615</b>					
1/2" Dr. Swivel Handle					
<b>CHAG1626 - Mirror</b>					
1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release					
<b>CJBG1627 - Satin</b>					
1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release					
<b>METAL CASE: W445 x D188 x H50 (mm)</b>					

**// 26PCS**  
1/2" DR. Socket Set

1/2"



ITEM NO.	6PT	Mirror	GCAD2601	Satin	GCAD2603
<b>CONTENTS</b>					3 (SET)
<b>BAAE1610-1632</b>					
1/2" Dr. 6PT Flank Sockets					10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32 mm
<b>CAHA1678</b>					
1/2" Dr. Universal Joint					
<b>CAAA1605 &amp; 1610</b>					
1/2" Dr. Extension Bar - 5" & 10" (L)					
<b>CTCK1625</b>					
1/2" Dr. Sliding T-Handle - 10" (L)					
<b>CADC1642</b>					
1/2" Dr. Speed Brace					
<b>CHAG1626 - Mirror</b>					
1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release					
<b>CJBG1627 - Satin</b>					
1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release					
<b>METAL CASE: W445 x D188 x H50 (mm)</b>					



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**21PCS**  
3/8" DR. 6PT Flank Socket Set  
3/8"



**ITEM NO.**  
6PT Mirror GCAD2101 Satin GCAD2102  
**CONTENTS** 8 (SET)

- 10 BAEA1208-1224  
3/8" Dr. 6PT Flank Sockets  
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 mm
- 1 CAHA1254  
3/8" Dr. Universal Joint
- 1 CAAA1203-1210  
3/8" Dr. Extension Bar - 3", 6", 10" (L)
- 1 CAGA1612  
1/2"(F) x 3/8"(M) Dr. 3-Way Adapter
- 1 CHAG1218 - Mirror  
3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release
- 1 CHUG1220 - Satin  
3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release

**METAL CASE:** W400 x D95 x H30 (mm)

**15PCS**  
1/2" DR. 6PT Flank Socket Set  
1/2"



**ITEM NO.**  
6PT Mirror GCAD1150 Satin GCAD1151  
**CONTENTS** 8 (SET)

- 10 BAEA1608-1627  
1/2" Dr. 6PT Flank Sockets  
8, 10, 11, 12, 13, 14, 17, 18, 19, 22, 24, 27 mm
- 1 CHAU1625  
1/2" Dr. 60 Teeth Compact Head Reversible Ratchet Handle with Quick Release
- 1 CAAA1605  
1/2" Dr. Extension Bar - 5" (L)
- 1 CFAC1615  
1/2" Dr. Swivel Handle - 15" (L)

**METAL CASE:** W400 x D95 x H30 (mm)

**18PCS**  
1/2" DR. 6PT Flank Socket Set  
1/2"



**ITEM NO.**  
6PT Mirror GCAD1820 Satin GCAD1821  
**CONTENTS** 8 (SET)

- 10 BAEA1608-1627  
1/2" Dr. 6PT Flank Sockets  
8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27 mm
- 1 CAHA1678  
1/2" Dr. Universal Joint
- 1 CAAA1605 & 1610  
1/2" Dr. Extension Bar - 5" & 10" (L)
- 1 CHAG1628 - Mirror  
1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release
- 1 CHUG1626 - Satin  
1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release

**METAL CASE:** W400 x D95 x H30 (mm)

**16PCS**  
1/2" DR. 6PT Flank Socket Set  
1/2"



**ITEM NO.**  
6PT Mirror GCAD1601 Satin GCAD1603  
**CONTENTS** 8 (SET)

- 10 BAEA1608-1632  
1/2" Dr. 6PT Flank Sockets  
8, 10, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32 mm
- 1 CAAA1603 & 1605  
1/2" Dr. Extension Bar - 3" & 5" (L)
- 1 CAHA1678  
1/2" Dr. Universal Joint
- 1 CHAG1628 - Mirror  
1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release
- 1 CHUG1626 - Satin  
1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release

**METAL CASE:** W400 x D95 x H30 (mm)

**16PCS**  
1/2" DR. 12PT Flank Socket Set  
1/2"



**ITEM NO.**  
12PT Mirror GCAD1160 Satin GCAD1164  
**CONTENTS** 8 (SET)

- 10 BAE1608-1632  
1/2" Dr. 12PT Flank Sockets  
8, 10, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32 mm
- 1 CAAA1603 & 1605  
1/2" Dr. Extension Bar - 3" & 5" (L)
- 1 CAHA1678  
1/2" Dr. Universal Joint
- 1 CHAG1628 - Mirror  
1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release
- 1 CHUG1626 - Satin  
1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release

**METAL CASE:** W400 x D95 x H30 (mm)

**16PCS**  
1/2" DR. 12PT Flank Socket Set  
1/2"



**ITEM NO.**  
6PT Mirror GCAD1820 Satin GCAD1821  
**CONTENTS** 8 (SET)

- 10 BAEA1608-1627  
1/2" Dr. 6PT Flank Sockets  
8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27 mm
- 1 CAHA1678  
1/2" Dr. Universal Joint
- 1 CAAA1605 & 1610  
1/2" Dr. Extension Bar - 5" & 10" (L)
- 1 CHAG1628 - Mirror  
1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release
- 1 CHUG1626 - Satin  
1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release

**METAL CASE:** W400 x D95 x H30 (mm)



**14PCS Professional Grade**  
3/4" DR. 6PT Flank Socket Set (METRIC)  
3/4"



**ITEM NO.**  
6PT Satin GCAD1405  
**CONTENTS** 1 (SET)

- 10 BAEA2422-2450  
3/4" Dr. 6PT Flank Sockets  
22, 24, 27, 30, 32, 36, 38, 41, 46, 50 mm
- 1 CAAO2404 & 2408  
3/4" Dr. Extension Bar - 4" & 8" (L)
- 1 CTCA2451  
3/4" Dr. Sliding T-Handle - 20" (L)
- 1 CHNC2420  
3/4" Dr. 24 Teeth Reversible Ratchet with Tube Handle (Quick Release) - 20" (L)

**METAL CASE:** W536 x D178 x H79 (mm)

**14PCS Professional Grade**  
3/4" DR. 12PT Flank Socket Set (SAE)  
3/4"



**ITEM NO.**  
12PT Satin GCAD1407  
**CONTENTS** 1 (SET)

- 10 BBEB2428-2464  
3/4" Dr. 12PT Flank Sockets  
7/8", 15/16", 1", 1-1/8", 1-1/4", 1-7/16", 1-1/2", 1-5/8", 1-3/4", 2"
- 1 CAAO2404 & 2408  
3/4" Dr. Extension Bar - 4" & 8" (L)
- 1 CTCA2451  
3/4" Dr. Sliding T-Handle - 20" (L)
- 1 CHNC2420  
3/4" Dr. 24 Teeth Reversible Ratchet with Tube Handle (Quick Release) - 20" (L)

**METAL CASE:** W536 x D178 x H79 (mm)

**HEAVY DUTY SOCKET SET SERIES**



**14PCS Professional Grade**  
3/4" DR. 12PT Flank Socket Set (METRIC)  
3/4"



**ITEM NO.**  
12PT Satin GCAD1406  
**CONTENTS** 1 (SET)

- 10 BAE1608-2450  
3/4" Dr. 12PT Flank Sockets  
22, 24, 27, 30, 32, 36, 38, 41, 46, 50 mm
- 1 CAAO2404 & 2408  
3/4" Dr. Extension Bar - 4" & 8" (L)
- 1 CTCA2451  
3/4" Dr. Sliding T-Handle - 20" (L)
- 1 CHNC2420  
3/4" Dr. 24 Teeth Reversible Ratchet with Tube Handle (Quick Release) - 20" (L)

**METAL CASE:** W536 x D178 x H79 (mm)

**26PCS Professional Grade**  
3/4" DR. 12PT Flank Socket Set (METRIC & SAE)  
3/4"



**ITEM NO.**  
12PT Satin GCAD2608  
**CONTENTS** 1 (SET)

- 10 BAE1608-2450  
3/4" Dr. 12PT Flank Sockets  
22, 24, 27, 30, 32, 36, 38, 41, 46, 50 mm
- 10 BBEB2428-2464  
3/4" Dr. 12PT Flank Sockets  
7/8", 15/16", 1", 1-1/8", 1-3/16", 1-5/16", 1-3/8", 1-7/16", 1-5/8", 1-3/4", 1-7/8", 2"
- 1 CAAO2404 & 2408  
3/4" Dr. Extension Bar - 4" & 8" (L)
- 1 CTCA2451  
3/4" Dr. Sliding T-Handle - 20" (L)
- 1 CHNC2420  
3/4" Dr. 24 Teeth Reversible Ratchet with Tube Handle (Quick Release) - 20" (L)

**METAL CASE:** W536 x D178 x H79 (mm)

**24PCS Professional Grade**  
3/4" DR. 12PT Flank Socket Set (SAE)  
3/4"



**ITEM NO.**  
12PT Satin GCAD2405  
**CONTENTS** 1 (SET)

- 10 BBEB2424-2464  
3/4" Dr. 12PT Flank Sockets  
3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-5/8", 1-11/16", 1-3/4", 1-7/8", 2"
- 1 CAAO2404 & 2408  
3/4" Dr. Extension Bar - 4" & 8" (L)
- 1 CTCA2446  
3/4" Dr. Sliding T-Handle - 18" (L)
- 1 CHNC2420  
3/4" Dr. 24 Teeth Reversible Ratchet with Tube Handle (Quick Release) - 20" (L)
- 1 CFAC2418  
3/4" Dr. Swivel Handle - 18" (L)
- 1 CAHA24A0  
3/4" Dr. Universal Joint

**METAL CASE:** W536 x D178 x H79 (mm)

**14PCS Professional Grade**  
1" DR. 6PT Socket Set (METRIC)  
1"



**ITEM NO.**  
6PT Satin GCAD1402  
**CONTENTS** 1 (SET)

- 10 BAEA3236-3280  
1" Dr. 6PT Flank Sockets  
36, 41, 46, 50, 55, 60, 65, 70, 75, 80 mm
- 1 CAAO3208 & 3216  
1" Dr. Extension Bar - 8" & 16" (L)
- 1 CHNC3222  
1" Dr. 24 Teeth Reversible Ratchet with Tube Handle (Quick Release) - 32" (L)
- 1 CTCK3222  
1" Dr. Sliding T-Handle - 22" (L)

**METAL CASE:** W660 x D205 x H108 (mm)

**14PCS Professional Grade**  
1" DR. 6PT Flank Socket Set (METRIC)  
1"



**ITEM NO.**  
6PT Satin GCAD1403  
**CONTENTS** 1 (SET)

- 10 BAEA3236-3280  
1" Dr. 6PT Flank Sockets  
36, 41, 46, 50, 55, 60, 65, 70, 75, 80 mm
- 1 CABA3208 & 3216  
1" Dr. Extension Bar with Quick Release - 8" & 16" (L)
- 1 CHES3208  
1" Dr. 43 Teeth Reversible Ratchet with Adjustable Tube Handle (Quick Release) - 500-800 mm(L)
- 1 CTCK3222  
1" Dr. Sliding T-Handle with Quick Release - 22" (L)

**METAL CASE:** W660 x D205 x H108 (mm)

**14PCS Professional Grade**  
1" DR. 6PT Flank Socket Set (METRIC)  
1"



**ITEM NO.**  
6PT Satin GCAD1404  
**CONTENTS** 1 (SET)

- 10 BAEA3236-3280  
1" Dr. 6PT Flank Sockets  
36, 41, 46, 50, 55, 60, 65, 70, 75, 80 mm
- 1 CAAO3208 & 3216  
1" Dr. Extension Bar - 8" & 16" (L)
- 1 CHND3226  
1" Dr. 24 Teeth Reversible Ratchet with Tube Handle - 26" (L)
- 1 CAGA3232  
1" Dr. 3-Way Adapter:  
1"(F) x 1"(M) x 34mm x 34mm (L)

**METAL CASE:** W660 x D205 x H108 (mm)





**18PCS**  
1/4" DR. 12PT Socket Set (SAE)



**ITEM NO.**  
12PT SAE GCAD1811

**CONTENTS** 10 (SET)

- 10 BBE0806-0818  
1/4" Dr. 12PT Flank Sockets  
3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"
- 3 CAAA0802-0806  
1/4" Dr. Extension Bar - 2", 4", 6" (L)
- 1 CAHA0840  
1/4" Dr. Universal Joint
- 1 CAEA0812  
1/4"(F) x 3/8"(M) Dr. Adapter
- 1 CTCK0811  
1/4" Dr. Sliding T-Handle
- 1 CFAC0806  
1/4" Dr. Swivel Handle
- 1 CHAG0813 - GCAD1811  
1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release
- 1 CJBG0815 - GCAD1811  
1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release

**METAL CASE:** W221 x D129 x H44 (mm)

**18PCS**  
1/4" DR. 12PT Socket Set (SAE)



**ITEM NO.**  
12PT SAE GCAD1811

**CONTENTS** 10 (SET)

- 10 BBEF0806-0818  
1/4" Dr. 12PT Flank Deep Sockets  
3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"
- 3 CAAA0802-0806  
1/4" Dr. Extension Bar - 2", 4", 6" (L)
- 1 CAHA0840  
1/4" Dr. Universal Joint
- 1 CAEA0812  
1/4"(F) x 3/8"(M) Dr. Adapter
- 1 CTCK0811  
1/4" Dr. Sliding T-Handle
- 1 CFAC0806  
1/4" Dr. Swivel Handle
- 1 CHAG0813 - GCAD1811  
1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release
- 1 CJBG0815 - GCAD1811  
1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release

**METAL CASE:** W221 x D129 x H44 (mm)

**18PCS**  
1/4" DR. 6PT Socket Set (METRIC)



**ITEM NO.**  
6PT Metric GCAD1822

**CONTENTS** 10 (SET)

- 10 BAE0804-0813  
1/4" Dr. 6PT Flank Deep Sockets  
4, 5, 6, 7, 8, 9, 10, 11, 12, 13 mm
- 3 CAAA0802-0806  
1/4" Dr. Extension Bar - 2", 4", 6" (L)
- 1 CAHA0840  
1/4" Dr. Universal Joint
- 1 CAEA0812  
1/4"(F) x 3/8"(M) Dr. Adapter
- 1 CTCK0811  
1/4" Dr. Sliding T-Handle
- 1 CFAC0806  
1/4" Dr. Swivel Handle
- 1 CJBG0815  
1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release

**METAL CASE:** W221 x D129 x H44 (mm)

**38PCS**  
1/4" DR. Socket Set



**ITEM NO.**  
6PT Metric GCAD3801

**CONTENTS** 10 (SET)

- 10 BAE0804-0813  
1/4" Dr. 6PT Flank Sockets  
4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
- 1 CAHA0840  
1/4" Dr. Universal Joint
- 3 CAAA0802 & 0804  
1/4" Dr. Extension Bar - 2" & 4" (L)
- 1 CTCK0811  
1/4" Dr. Sliding T-Handle
- 1 S135  
1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release
- 1 CAIP0816  
1/4" Dr. Spinner Handle
- 1 BAED0804-0810  
1/4" Dr. Star Sockets  
E4, E5, E6, E7, E8, E10
- 1 BCFB0808-0840  
1/4" Dr. One-Piece Stubby Star Bit Sockets  
T8, T10, T15, T20, T25, T27, T30, T40
- 1 BCDB0803-0808  
1/4" Dr. One-Piece Stubby Hex Bit Sockets  
3, 4, 5, 6, 7, 8 mm

**METAL CASE:** W221 x D129 x H44 (mm)

**31PCS**  
1/4" DR. Socket Set



**ITEM NO.**  
6PT Metric GCAD3101

**CONTENTS** 10 (SET)

- 10 BAEA0804-0814  
1/4" Dr. 6PT Flank Sockets  
4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
- 3 BCBA08P1-08P3  
1/4" Dr. Pozl Bit Sockets - PZ1, PZ2, PZ3
- 3 BCAA08P1-08P3  
1/4" Dr. Phillips Bit Sockets - PH1, PH2, PH3
- 3 BCCA0804-0806  
1/4" Dr. Slotted Bit Sockets - 4, 5.5, 6.5 mm
- 3 BCDA0803-0808  
1/4" Dr. Hex Bit Sockets - 3, 4, 5, 6, 8 mm
- 1 CAIP0816  
1/4" Dr. Spinner Handle
- 1 CJBG0815  
1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release
- 3 CAAA0802 & 0806  
1/4" Dr. Extension Bar - 2" & 6" (L)
- 1 CAHA0840  
1/4" Dr. Universal Joint
- 1 CTCK0811  
1/4" Dr. Sliding T-Handle

**METAL CASE:** W221 x D129 x H44 (mm)

**29PCS**  
1/4" DR. Socket Set (METRIC & SAE)



**ITEM NO.**  
6PT Metric GCAD2901

**CONTENTS** 10 (SET)

- 10 BAEA0804-0814  
1/4" Dr. 6PT Flank Sockets  
4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
- 10 BBEA0806-0818  
1/4" Dr. 6PT Flank Sockets  
3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"
- 1 CAIP0816  
1/4" Dr. Spinner Handle
- 1 CJBG0815  
1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release
- 3 CAAA0802 & 0806  
1/4" Dr. Extension Bar - 2" & 6" (L)
- 1 CAHA0840  
1/4" Dr. Universal Joint
- 1 CTCK0811  
1/4" Dr. Sliding T-Handle

**METAL CASE:** W221 x D129 x H44 (mm)

**32PCS**  
1/4" DR. Socket Set



**ITEM NO.**  
12PT SAE GCAD3202

**CONTENTS** 10 (SET)

- 10 BAEA0804-0814  
1/4" Dr. 6PT Flank Sockets  
4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
- 3 BCAA08P1-08P3  
1/4" Dr. Phillips Bit Sockets  
PH1, PH2, PH3
- 3 BCCA0803-0806  
1/4" Dr. Slotted Bit Sockets  
3, 4.5, 5.5, 6.5 mm
- 3 BCDA0803-0808  
1/4" Dr. Hex Bit Sockets  
3, 4, 5, 6, 7, 8 mm
- 3 CAAA0802 & 0804  
1/4" Dr. Extension Bar - 2" & 4" (L)
- 1 CTCK0811  
1/4" Dr. Sliding T-Handle
- 1 CAHA0840  
1/4" Dr. Universal Joint
- 1 CAIP0816  
1/4" Dr. Spinner Handle
- 1 CJBG0815  
1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release

**METAL CASE:** W221 x D129 x H44 (mm)

**32PCS**  
1/4" DR. Socket Set



**ITEM NO.**  
12PT SAE GCAD3204

**CONTENTS** 10 (SET)

- 10 BAEA0804-0814  
1/4" Dr. 6PT Flank Sockets  
4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
- 7 BCFA0810-0840  
1/4" Dr. Star Bit Sockets  
T10, T15, T20, T25, T27, T30, T40
- 3 BCDA0803-0808  
1/4" Dr. Hex Bit Sockets  
3, 4, 5, 6, 7, 8 mm
- 3 CAAA0802 & 0804  
1/4" Dr. Extension Bar - 2" & 4" (L)
- 1 CTCK0811  
1/4" Dr. Sliding T-Handle
- 1 CAHA0840  
1/4" Dr. Universal Joint
- 1 CAIP0816  
1/4" Dr. Spinner Handle
- 1 CJBG0815  
1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release

**METAL CASE:** W221 x D129 x H44 (mm)

**40PCS**  
1/4" & 3/8" DR. Socket Set (METRIC & SAE)



**ITEM NO.**  
6PT Metric GCAD4004

**CONTENTS** 6 (SET)

- 3 BAEA0804-0812  
1/4" Dr. 6PT Flank Sockets  
4, 5, 6, 7, 8, 9, 10, 12 mm
- 3 BBEA0806-0816  
1/4" Dr. 6PT Flank Sockets  
3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"
- 3 BAEA1209-1219  
3/8" Dr. 6PT Flank Sockets  
9, 10, 11, 12, 13, 14, 16, 17, 18, 19 mm
- 7 BBEA1212-1224  
3/8" Dr. 6PT Flank Sockets  
3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
- 1 BAAR1216  
3/8" Dr. Spark Plug Socket - 16mm
- 1 CJBG1220  
3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release
- 1 CAAA1203  
3/8" Dr. Extension Bar - 3" (L)
- 1 ALAC1212  
3/8" Dr. Disc
- 1 CAIP0816  
1/4" Dr. Spinner Handle
- 1 CAEB1208  
3/8"(F) x 1/4"(M) Dr. Adapter

**METAL CASE:** W380 x D140 x H52 (mm)

**18PCS**  
3/8" DR. Socket Set



**ITEM NO.**  
6PT Metric GCAD1808

**CONTENTS** 6 (SET)

- 3 BAEA1206-1224  
3/8" Dr. 6PT Flank Sockets  
6, 7, 8, 10, 11, 12, 13, 14, 17, 19, 21, 22, 24 mm
- 1 CAHA1254  
3/8" Dr. Universal Joint
- 1 CJBG1220  
3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release
- 3 CAAA1203 & 1206  
3/8" Dr. Extension Bar - 3" & 6" (L)
- 1 CFAC1210  
3/8" Dr. Swivel Handle - 10" (L)

**METAL CASE:** W380 x D140 x H52 (mm)

**15PCS**  
1/2" DR. Socket Set



**ITEM NO.**  
6PT Metric GCAD1502

**CONTENTS** 6 (SET)

- 10 BAEA1608-1624  
1/2" Dr. 6PT Flank Sockets  
8, 10, 11, 12, 13, 14, 17, 19, 21, 22, 24 mm
- 1 CAHA1678  
1/2" Dr. Universal Joint
- 3 CAAA1603 & 1605  
1/2" Dr. Extension Bar - 3" & 5" (L)
- 1 CJBG1627  
1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release

**METAL CASE:** W380 x D140 x H52 (mm)

**39PCS**  
3/8" DR. Socket Set



**ITEM NO.**  
6PT Metric GCAD3902

**CONTENTS** 3 (SET)

- 10 BAEA1208-1222  
3/8" Dr. 6PT Flank Sockets  
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm
- 3 BBEA1208-1219  
3/8" Dr. 6PT Flank Deep Sockets  
8, 10, 12, 13, 17, 19 mm
- 3 CAAA1203 & 1206  
3/8" Dr. Extension Bar - 3" & 6" (L)
- 3 BAAT1216 & 1221  
3/8" Dr. Magnetic Spark Plug Sockets - 16 & 21 mm
- 3 BCDA1205 & 1206  
3/8" Dr. Hex Bit Sockets - 5 & 6 mm
- 1 BDDA1208  
3/8" Dr. Hex Bit Socket - 1/4"
- 3 BCFA1215 & 1220  
3/8" Dr. Star Bit Sockets - T15 & T20
- 3 BCAA12P1 & 12P2  
3/8" Dr. Phillips Bit Sockets - PH1 & PH2
- 3 BCBA12P1 & 12P2  
3/8" Dr. Pozl Bit Sockets - PZ1 & PZ2
- 1 BCCA125E  
3/8" Dr. Slotted Bit Socket - 6.5 mm
- 1 CAHA1254  
3/8" Dr. Universal Joint
- 1 CAEA1216  
3/8"(F) x 1/2"(M) Dr. Adapter
- 1 CTCJ1208  
3/8" Dr. Sliding T-Handle With Quick Release
- 1 CJBG1220  
3/8" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release

**METAL CASE:** W440 x D190 x H52 (mm)



**34PCS**  
3/8" DR. Socket Set (METRIC & SAE)  
3/8"



ITEM NO.	6PT	Settin	GCAD3403
<b>CONTENTS</b>	3 (SET)		
11 BAEA1208-1222	3/8" Dr. 6PT Flank Sockets 8, 10, 12, 13, 14, 16, 17, 18, 19, 21, 22 mm		
11 BBEA1210-1228	3/8" Dr. 6PT Flank Sockets 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 25/32", 13/16", 7/8"		
2 BAAR1216 & 1221	3/8" Dr. Spark Plug Sockets - 16 & 21mm		
1 CJBG1220	3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
3 CAAA1203-1210	3/8" Dr. Extension Bar - 3", 5", 10" (L)		
1 CTCJ1208	3/8" Dr. Sliding T-Handle with Quick Release		
1 CFKA1210	3/8" Dr. Swivel Handle		
1 CAHA1254	3/8" Dr. Universal Joint		
1 CADC1240	3/8" Dr. Speed Brace		
1 CAEB0812	1/4"(F) x 3/8"(M) Dr. Adapter		
1 CAIP0816	1/4" Dr. Spinner Handle		
METAL CASE: W440 x D190 x H52 (mm)			

**34PCS**  
1/4" & 1/2" DR. Socket Set  
1/4"  
1/2"



ITEM NO.	6PT	Settin	GCAD3401	Settin	GCAD3402
<b>CONTENTS</b>	3 (SET)				
10 BAEA0805-0813	1/4" Dr. 6PT Flank Sockets 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm				
11 BAEA1610-1632	1/2" Dr. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 29, 30, 32 mm				
1 CAAA0804	1/4" Dr. Extension Bar - 4" (L)				
1 CAAA1605	1/2" Dr. Extension Bar - 5" (L)				
2 CAHA0840 & 1678	1/4" & 1/2" Dr. Universal Joint				
1 CTCJ0811	1/4" Dr. Sliding T-Handle				
2 CJBG0815 & 1627	1/4" & 1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release				
METAL CASE: W440 x D190 x H52 (mm)					

**43PCS**  
1/2" DR. Socket Set (METRIC & SAE)  
1/2"



ITEM NO.	6PT	Settin	GCAD4303
<b>CONTENTS</b>	3 (SET)		
20 BAEA1608-1632	1/2" Dr. 6PT Flank Sockets 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 29, 30, 32 mm		
11 BBEA1612-1640	1/2" Dr. 6PT Flank Sockets 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"		
2 BAAR1616 & 1621	1/2" Dr. Spark Plug Sockets - 16 & 21 mm		
1 CJBG1627	1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
3 CAAA1603-1610	1/2" Dr. Extension Bar - 3", 5", 10" (L)		
1 CAGA1216	3/8" (F) x 1/2" (M) Dr. 3-Way Adapter		
1 CFKA1615	1/2" Dr. Swivel Handle - 15" (L)		
1 CAHA1678	1/2" Dr. Universal Joint		
METAL CASE: W440 x D190 x H52 (mm)			

**18PCS**  
1/2" DR. Socket Set (METRIC)  
1/2"



ITEM NO.	6PT	Settin	GCAD1802	Settin	GCAD1801
<b>CONTENTS</b>	3 (SET)				
13 BAEA1610-1632	1/2" Dr. 6PT Flank Sockets 10, 12, 13, 14, 17, 19, 21, 22, 24, 27, 30, 32 mm				
1 CAHA1678	1/2" Dr. Universal Joint				
3 CAAA1603-1610	1/2" Dr. Extension Bar - 3", 5", 10" (L)				
1 CJBG1627	1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release				
1 CFAC1615	1/2" Dr. Swivel Handle - 15" (L)				
METAL CASE: W440 x D190 x H52 (mm)					

**18PCS**  
1/2" DR. Socket Set (SAE)  
1/2"



ITEM NO.	6PT	Settin	GCAD1810
<b>CONTENTS</b>	3 (SET)		
11 BBEA1612-1640	1/2" Dr. 6PT Flank Sockets 3/8", 7/16", 1/2", 9/16", 11/16", 3/4", 13/16", 7/8", 15/16", 1-1/16", 1-3/16", 1-1/4"		
1 CAHA1678	1/2" Dr. Universal Joint		
3 CAAA1603-1610	1/2" Dr. Extension Bar - 3", 5", 10" (L)		
1 CJBG1627	1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
1 CFAC1615	1/2" Dr. Swivel Handle - 15" (L)		
METAL CASE: W440 x D190 x H52 (mm)			



**METAL TOOL BOX SET**



**54PCS**  
1/4" DR. Socket Set (METRIC & SAE)  
1/4"



ITEM NO.	6PT	Settin	GBA5440
<b>CONTENTS</b>	4 (SET)		
13 BAEA0804-0814	1/4" Dr. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm		
13 BAEA0804-0814	1/4" Dr. 6PT Flank Deep Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm		
11 BBEA0805-0818	1/4" Dr. 6PT Flank Sockets 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"		
11 BBEA0805-0818	1/4" Dr. 6PT Flank Deep Sockets 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"		
1 CAHA0840	1/4" Dr. Universal Joint		
2 CAAA0802 & 0806	1/4" Dr. Extension Bar - 2" & 6" (L)		
1 CAIP0816	1/4" Dr. Spinner Handle		
1 CTCJ0811	1/4" Dr. Sliding T-Handle		
1 CJBG0815	1/4" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release		
METAL CASE: W361 x D137 x H53 (mm)			

**35PCS**  
3/8" DR. Socket Set  
3/8"



ITEM NO.	6PT	Settin	GBB3514
<b>CONTENTS</b>	4 (SET)		
13 BAEA1206-1224	3/8" Dr. 6PT Flank Sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24 mm		
11 BBEA1208-1219	3/8" Dr. 6PT Flank Deep Sockets 8, 10, 11, 12, 13, 14, 17, 19 mm		
2 BAAT1216 & 1221	3/8" Dr. Magnetic Spark Plug Sockets - 16 & 21 mm		
3 CAAA1203 & 1206	3/8" Dr. Extension Bar - 3" & 6" (L)		
1 CTCJ1220	3/8" Dr. Sliding T-Handle		
1 CAEA1612	1/2"(F) x 3/8"(M) Dr. Adapter		
1 CAHA1254	3/8" Dr. Universal Joint		
1 CFAC1210	3/8" Dr. Swivel Handle - 10" (L)		
1 CJBG1220	3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
METAL CASE: W417 x D176 x H53 (mm)			

**25PCS**  
1/2" DR. Flank Socket Set  
1/2"



ITEM NO.	6PT	Settin	GBB2515
<b>CONTENTS</b>	4 (SET)		
13 BAEA1608-1632	1/2" Dr. 6PT Flank Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30, 32 mm		
2 BAAR1616 & 1621	1/2" Dr. Magnetic Spark Plug Sockets - 16 & 21 mm		
1 CAHA1678	1/2" Dr. Universal Joint		
3 CAAA1605 & 1610	1/2" Dr. Extension Bar - 5" & 10" (L)		
1 CTCJ1625	1/2" Dr. Sliding T-Handle - 10" (L)		
1 CAHA1678	1/2" Dr. Universal Joint		
1 CFAC1615	1/2" Dr. Swivel Handle - 15" (L)		
1 CJBG1627	1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
METAL CASE: W417 x D176 x H53 (mm)			

**41PCS Professional Grade**  
1/2" DR. Socket Set  
1/2"



ITEM NO.	6PT	Settin	GCAD4102	Settin	GCAD4103
<b>CONTENTS</b>	3 (SET)				
20 BAEA1608-1632	1/2" Dr. 6PT Flank Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 mm				
11 BBEA1610-1622	1/2" Dr. 6PT Flank Deep Sockets 10, 11, 12, 13, 14, 15, 17, 19, 22 mm				
2 BAAR1616 & 1621	1/2" Dr. Spark Plug Sockets - 16 & 21 mm				
2 CAAA1605 & 1610	1/2" Dr. Extension Bar - 5" & 10" (L)				
1 CAHA1678	1/2" Dr. Universal Joint				
1 CFAC1615	1/2" Dr. Swivel Handle				
1 CTCJ1625	1/2" Dr. Sliding T-Handle - 10" (L)				
1 CMBG1627	1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release				
METAL CASE: W480 x D290 x H60 (mm)					

**46PCS Professional Grade**  
1/2" DR. Socket Set (METRIC & SAE)  
1/2"



ITEM NO.	6PT	Settin	GCAD4601	Settin	GCAD4602
<b>CONTENTS</b>	3 (SET)				
20 BAEA1608-1632	1/2" Dr. 6PT Flank Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 mm				
11 BBEA1612-1640	1/2" Dr. 6PT Flank Sockets 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-3/16", 1-1/4"				
2 BAAR1616 & 1621	1/2" Dr. Magnetic Spark Plug Sockets - 16 & 21 mm				
1 CAHA1678	1/2" Dr. Universal Joint				
1 CFAC1615	1/2" Dr. Swivel Handle				
1 CMBG1627	1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release				
2 CAAA1605 & 1610	1/2" Dr. Extension Bar - 5" & 10" (L)				
1 CTCJ1625	1/2" Dr. Sliding T-Handle - 10" (L)				
METAL CASE: W480 x D290 x H60 (mm)					



# Professional Grade 1/4" DR. Flank Socket Set

- Bit holder rail swivel upwards for easy access
- PP inner tool tray
- Robust, high quality and light weight
- ABS+TPU material plastic storage tool box

## Professional Grade 1/4" DR. Flank Socket Set

6PT	Satin	GADW4101
CONTENTS		

- 1 BAEA0804-0814  
1/4" Dr. 6PT Flank Sockets  
4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
- 2 CAAA0802 & 0804  
1/4" Dr. Extension Bar - 2" & 4" (L)
- 1 CAHA0840  
1/4" Dr. Universal Joint
- 1 CAIP0814  
1/4" Dr. Spinner Handle
- 1 S135  
1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release
- 1 FTAB0808  
1/4" Dr. x 1/4" (H) Quick Change Bit Holder (25mmL)
- 1 FSKA0808  
1/4" (H) x 1/4" Dr. Socket Adapter (25mmL)
- 3 FSBA0801-0803  
1/4" Hex Shank Phillips Insert Bits (25mmL)  
PH1, PH2, PH3
- 3 FSCA0801-0803  
1/4" Hex Shank Pozl Insert Bits (25mmL)  
PZ1, PZ2, PZ3
- 3 FSAA084E-0808  
1/4" Hex Shank Slotted Insert Bits (25mmL)  
4.5, 5.5, 6.5, 8 mm
- 3 FSDA0803-0806  
1/4" Hex Shank Hexagon Insert Bits (25mmL)  
3, 4, 5, 6, 8 mm
- 3 FSGA0810-0840  
1/4" Hex Shank Star Tamperproof Insert Bits (25mmL)  
T10, T15, T20, T25, T27, T30, T40

PLASTIC BOX: W172 x D105 x H48 (mm)

6 PT  
1/4" DRIVE  
41 PCS



Swivel Mechanism Bit Holder



## 27PCS 1/4" DR. Mini Ratchet Socket & Bit Set

1/4"



6PT	Satin	GADW2701
12PT	Satin	GADW2702
CONTENTS		

- 1 BAEA0806-0813  
1/4" Dr. 6PT Flank Sockets  
6, 8, 10, 12, 13 mm
- 3 FSAA084E-0808  
1/4" Hex Shank Slotted Insert Bits  
4.5, 5.5, 6.5 mm
- 3 FSBA0801-0803  
1/4" Hex Shank Phillips Insert Bits  
PH1, PH2x2pcs, PH3
- 3 FSCA0801 & 0802  
1/4" Hex Shank Pozl Insert Bits  
PZ1 & PZ2
- 3 FSDA0803-0806  
1/4" Hex Shank Hexagon Insert Bits  
3, 4, 5, 6 mm
- 3 FSGA0810-0840  
1/4" Hex Shank Star Tamperproof Insert Bits  
T10, T15, T20, T25, T30, T40
- 1 FSKA0808  
1/4" x 1/4" Dr. Socket Adapter
- 1 FTDF0810  
1/4" x 1/4" Magnetic Bit Holder
- 1 CHEV0811  
1/4" (H) 60 Teeth Locking Flexible Head Mini Reversible Bit Ratchet Handle

PLASTIC BOX: W124 x D70.5 x H35 (mm)

## 45PCS Professional Grade 1/4" DR. Mini Ratchet Socket & Bit Set

1/4"



## 23PCS 1/4" DR. Mini Ratchet Socket & Bit Set

1/4"



## 33PCS 1/4" DR. Mini Ratchet Socket & Bit Set

1/4"



6PT	Satin	GADW4501
12PT	Satin	GADW4502
CONTENTS		

- 1 BAEA0806-0814  
1/4" Dr. 6PT Flank Sockets  
5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
- 3 FSAA0804-0808  
1/4" Hex Shank Slotted Insert Bits  
4, 5.5, 6.5, 8 mm
- 3 FSBA0801-0803  
1/4" Hex Shank Phillips Insert Bits  
PH1, PH2x2pcs, PH3
- 3 FSCA0801-0803  
1/4" Hex Shank Pozl Insert Bits  
PZ1, PZ2, PZ3
- 3 FSDA0802-0806  
1/4" Hex Shank Hexagon Insert Bits  
2, 2.5, 3, 4, 5, 6, 7, 8 mm
- 3 FSEA0806-0809  
1/4" Hex Shank Star Insert Bits  
T6, T7, T8, T9
- 3 FSGA0810-0840  
1/4" Hex Shank Star Tamperproof Insert Bits  
T10, T15, T20, T25, T27, T30, T40
- 3 FSHA0801 & 0802  
1/4" Hex Shank Square Insert Bits  
SQ1 & SQ2
- 1 FTDF0810  
1/4" x 1/4" Magnetic Bit Holder
- 1 CHEV0811  
1/4" (H) 60 Teeth Locking Flexible Head Mini Reversible Bit Ratchet Handle
- 1 FSKA0808  
1/4" x 1/4" Dr. Socket Adapter

PLASTIC BOX: W136.5 x D98 x H47 (mm)

6PT	Satin	GABW2301
CONTENTS		

- 1 BAEA0804-0814  
1/4" Dr. 6PT Flank Sockets  
4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
- 1 FTAB0808  
1/4" Dr. x 1/4" (H) Quick Change Bit Holder
- 1 CAAA0802  
1/4" Dr. Extension Bar - 2" (L)
- 3 GAAV0704  
FSAA0804-0806  
1/4" Hex Shank Slotted Insert Bits - 4, 5.5, 6.5 mm  
FSBA0801 & 0802  
1/4" Hex Shank Phillips Insert Bits - PH1 & PH2  
FSCA0801 & 0802  
1/4" Hex Shank Pozl Insert Bits - PZ1 & PZ2
- 1 CHCX0810  
1/4" Dr. 90 Teeth Mini Swivel-Head Ratchet Handle

PLASTIC BOX: W140 x D90 x H40 (mm)

6PT	Satin	GABW3301
12PT	Satin	GABW3302
CONTENTS		

- 1 BAEA0804-0813  
1/4" Dr. 6PT Flank Sockets  
4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
- 1 FTAB0808  
1/4" Dr. x 1/4" (H) Quick Change Bit Holder
- 1 CAAA0804  
1/4" Dr. Extension Bar - 4" (L)
- 3 GAAV0702  
FSEA0810-0840  
1/4" Hex Shank Star Insert Bits  
T10, T15, T20, T25, T27, T30, T40
- 3 GAAV1102  
FSAA0804-0806  
1/4" Hex Shank Slotted Insert Bits - 4, 5.5, 6.5 mm  
FSBA0801 & 0802  
1/4" Hex Shank Phillips Insert Bits - PH1 & PH2  
FSCA0801 & 0802  
1/4" Hex Shank Pozl Insert Bits - PZ1 & PZ2  
FSDA0803-0806  
1/4" Hex Shank Hexagon Insert Bits - 3, 4, 5, 6 mm
- 1 CJDI0812  
1/4" Dr. 45 Teeth Stubby Reversible Ratchet Handle with Quick Release

PLASTIC BOX: W140 x D90 x H40 (mm)

## 30PCS 1/4" DR. Mini Ratchet Socket & Bit Set

1/4"



- Fine 60 teeth ratcheting mechanism with hard-wearing construction
- Quick-disk on the drive head allows for quick tightening or loosening of fasteners
- Ideal tool kit for use in confined spaces

6PT	Satin	GABW3001
CONTENTS		

- 1 BAEA0804-0808  
1/4" Dr. 6PT Flank Sockets - 4, 4.5, 5, 5.5, 6, 7, 8 mm
- 3 FSAA0804-0806  
1/4" Hex Shank Slotted Insert Bits - 4, 5.5, 6.5 mm
- 3 FSBA0801-0803  
1/4" Hex Shank Phillips Insert Bits  
PH1, PH2x2pcs, PH3
- 3 FSCA0801-0803  
1/4" Hex Shank Pozl Insert Bits - PZ1, PZ2, PZ3
- 3 FSDA0803-0806  
1/4" Hex Shank Hexagon Insert Bits - 3, 4, 5, 6 mm
- 3 FSEA0810-0840  
1/4" Hex Shank Star Insert Bits  
T10, T15, T20, T25, T27, T30, T40
- 1 FSKA0808  
1/4" (H) x 1/4" Dr. Socket Adapter
- 1 CHDV0801  
1/4" (H) 60 Teeth Mini Reversible Bit Ratchet Handle

PLASTIC BOX: W115 x D85 x H37 (mm)

## 13PCS 1/4" DR. Mini Ratchet Socket Set

1/4"



- Fine 60 teeth ratcheting mechanism with hard-wearing construction
- Quick-disk on the drive head allows for quick tightening or loosening of fasteners
- Quick release button ensures firm socket retention and easy socket removal
- Ideal tool kit for use in confined spaces

6PT	Satin	GABW1301
CONTENTS		

- 1 BAEA0804-0813  
1/4" Dr. 6PT Flank Sockets  
4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
- 1 CHDU0801  
1/4" Dr. 45 Teeth Mini Reversible Ratchet Handle with Quick Release

PLASTIC BOX: W115 x D85 x H37 (mm)





**41PCS Professional Grade**  
1/4" DR. Flank Socket Set



ITEM NO.	6PT	Satin	GCAI4102
<b>CONTENTS</b>	10 (SET)		
1 BAEA0804-0814	1/4" Dr. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm		
2 FSAA0804-086E	1/4" Hex Shank Slotted Insert Bits 4, 5.5, 6.5 mm		
3 FSDA0803-0808	1/4" Hex Shank Hexagon Insert Bits 3, 4, 5, 6, 8 mm		
4 FSEA0810-0840	1/4" Hex Shank Star Insert Bits T10, T15, T20, T25, T30, T40		
5 FSBA0801-0803	1/4" Hex Shank Phillips Insert Bits PH1, PH2, PH3		
6 FSCA0801-0803	1/4" Hex Shank Pozzi Insert Bits PZ1, PZ2, PZ3		
7 CJBG0815	1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
8 CAHA0840	1/4" Dr. Universal Joint		
9 CAAA0802 & 0806	1/4" Dr. Extension Bar - 2" & 6" (L)		
10 CAIP0816	1/4" Dr. Spinner Handle		
11 CAGA1208	3/8" (F) x 1/4" (M) Dr. 3-Way Adapter		
12 CAEE0820	1/4" Dr. Magnetic Socket Pick-Up		
13 FTAB0808	1/4" Dr. x 1/4" (H) Quick Change Bit Holder		
<b>BLOW CASE: W245 x D160 x H66 (mm)</b>			

**51PCS Professional Grade**  
1/4" DR. Flank Socket & Hex Key Wrench Set



ITEM NO.	6PT	Satin	GCAI5102
<b>CONTENTS</b>	10 (SET)		
1 BAEA0804-0814	1/4" Dr. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm		
2 BCDA0803-0808	1/4" Dr. Hex Bit Sockets - 3, 4, 5, 6, 7, 8 mm		
3 BCCA0804-086E	1/4" Dr. Slotted Bit Sockets - 4, 5.5, 6.5 mm		
4 BCAA08P1-08P3	1/4" Dr. Phillips Bit Sockets - PH1, PH2, PH3		
5 BCBA08P1-08P3	1/4" Dr. Pozzi Bit Sockets - PZ1, PZ2, PZ3		
6 BCFA0810-0840	1/4" Dr. Star Bit Sockets T10, T15, T20, T25, T27, T30, T40		
7 CASA0806	1/4" Dr. Flexible Extension Bar - 6" (L)		
8 CJBG0815	1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
9 CAIP0816	1/4" Dr. Spinner Handle		
10 CAHA0840	1/4" Dr. Universal Joint		
11 CAAA0802 & 0804	1/4" Dr. Extension Bar - 2" & 4" (L)		
12 CTCK0811	1/4" Dr. Sliding T-Handle		
13 GAAL0910	Short Type Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm		
<b>BLOW CASE: W245 x D160 x H66 (mm)</b>			

**24PCS Professional Grade**  
1/4" DR. Flank Socket Set



ITEM NO.	6PT	Satin	GCAI2403
<b>CONTENTS</b>	10 (SET)		
1 BAEA0804-0813	1/4" Dr. 6PT Flank Sockets 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm		
2 BAE0806-0813	1/4" Dr. 6PT Flank Deep Sockets 6, 7, 8, 9, 10, 11, 12, 13 mm		
3 CJBG0815	1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
4 CAIP0816	1/4" Dr. Spinner Handle		
5 CAAA0802 & 0806	1/4" Dr. Extension Bar - 2" & 6" (L)		
6 CAHA0840	1/4" Dr. Universal Joint		
7 CAGA1208	3/8" (F) x 1/4" (M) Dr. 3-Way Adapter		
<b>BLOW CASE: W245 x D160 x H66 (mm)</b>			

**46PCS Professional Grade**  
1/4" DR. Flank Socket Set



ITEM NO.	6PT	Satin	GCAI4601
<b>CONTENTS</b>	10 (SET)		
1 BAEA0804-0813	1/4" Dr. 6PT Flank Sockets 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm		
2 BAE0806-0813	1/4" Dr. 6PT Flank Deep Sockets 5, 6, 7, 8, 9, 10, 11, 12, 13 mm		
3 CJBG0815	1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
4 CAIP0816	1/4" Dr. Spinner Handle		
5 CAAA0802 & 0806	1/4" Dr. Extension Bar - 2" & 6" (L)		
6 BCDA0803-0808	1/4" Dr. Hex Bit Sockets - 3, 4, 5, 6, 7, 8 mm		
7 BCCA0804-086E	1/4" Dr. Slotted Bit Sockets - 4, 5.5, 6.5 mm		
8 BCAA08P1-08P3	1/4" Dr. Phillips Bit Sockets - PH1, PH2, PH3		
9 BCBA08P1-08P3	1/4" Dr. Pozzi Bit Sockets - PZ1, PZ2, PZ3		
10 BCFA0810-0840	1/4" Dr. Star Bit Sockets T10, T15, T20, T25, T27, T30, T40		
<b>BLOW CASE: W245 x D160 x H66 (mm)</b>			

**25PCS Professional Grade**  
1/4" DR. Flank Socket Set



ITEM NO.	6PT	Satin	GCAI2501
<b>CONTENTS</b>	10 (SET)		
1 BAEA0804-0813	1/4" Dr. 6PT Flank Sockets 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm		
2 BAE0806-0813	1/4" Dr. 6PT Flank Deep Sockets 6, 7, 8, 9, 10, 11, 12, 13 mm		
3 CJBG0815	1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
4 CAIP0816	1/4" Dr. Spinner Handle		
5 CAAA0802 & 0806	1/4" Dr. Extension Bar - 2" & 6" (L)		
6 CAHA0840	1/4" Dr. Universal Joint		
7 CAGA1208	3/8" (F) x 1/4" (M) Dr. 3-Way Adapter		
<b>BLOW CASE: W245 x D160 x H66 (mm)</b>			



**49PCS Professional Grade**  
1/4" DR. Flank Socket Wrench Set



ITEM NO.	6PT	Satin	GCAI4901
<b>CONTENTS</b>	10 (SET)		
1 AAEX0806-1313	Hi-Performance Combination Wrench 15" Offset 6, 7, 8, 9, 10, 11, 12, 13 mm		
2 BAEA0804-0814	1/4" Dr. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm		
3 FSAA0804-086E	1/4" Hex Shank Slotted Insert Bits - 4, 5.5, 6.5 mm		
4 FSDA0803-0808	1/4" Hex Shank Hexagon Insert Bits 3, 4, 5, 6, 8 mm		
5 FSEA0810-0840	1/4" Hex Shank Star Insert Bits T10, T15, T20, T25, T30, T40		
6 FSBA0801-0803	1/4" Hex Shank Phillips Insert Bits - PH1, PH2, PH3		
7 FSCA0801-0803	1/4" Hex Shank Pozzi Insert Bits - PZ1, PZ2, PZ3		
8 CJBG0815	1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
9 CAHA0840	1/4" Dr. Universal Joint		
10 CAAA0802 & 0806	1/4" Dr. Extension Bar - 2" & 6" (L)		
11 CAIP0816	1/4" Dr. Spinner Handle		
12 CAGA1208	3/8" (F) x 1/4" (M) Dr. 3-Way Adapter		
13 CAEE0820	1/4" Dr. Magnetic Socket Pick-Up		
14 FTAB0808	1/4" Dr. x 1/4" (H) Quick Change Bit Holder		
<b>BLOW CASE: W245 x D160 x H66 (mm)</b>			

**49PCS Professional Grade**  
1/4" & 3/8" DR. Flank Socket Set



ITEM NO.	6PT	Satin	GCAI4904
<b>CONTENTS</b>	10 (SET)		
1 BAEA0804-0810	1/4" Dr. 6PT Flank Sockets 4, 5, 5.5, 6, 7, 8, 9, 10 mm		
2 BAEA1210-1219	3/8" Dr. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm		
3 GAAV0701	1/4" Hex Shank Hexagon Insert Bits FSDA0802-0808 - 2, 2.5, 3, 4, 5, 6, 8 mm		
4 GAAV0702	1/4" Hex Shank Star Insert Bits FSEA0810-0840 - T10, T15, T20, T25, T27, T30, T40		
5 GAAV0704	1/4" Hex Shank Slotted Insert Bits FSAA0804-086E - 4, 5.5, 6.5 mm		
6 GAAV0704	1/4" Hex Shank Phillips Insert Bits FSBA0801 & 0802 - PH1 & PH2		
7 GAAV0704	1/4" Hex Shank Pozzi Insert Bits FSCA0801 & 0802 - PZ1 & PZ2		
8 CJBG1220	3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
9 CAIA0815	1/4" Dr. Spinner Handle		
10 CAIA0815	1/4" Dr. Spinner Handle		
11 CAAA1203 & 1206	3/8" Dr. Extension Bar - 3" & 6" (L)		
12 CAHA1254	3/8" Dr. Universal Joint		
13 BAAR1216 & 1221	3/8" Dr. Spark Plug Sockets - 16 & 21 mm		
14 FTAB0808	1/4" Dr. x 1/4" (H) Quick Change Bit Holder		
15 FTAB1208	3/8" Dr. x 1/4" (H) Quick Change Bit Holder		
16 CAEA1208	3/8" (F) x 1/4" (M) Dr. Adapter		
<b>BLOW CASE: W245 x D160 x H66 (mm)</b>			

**45PCS Professional Grade**  
3/8" DR. Flank Socket Set



ITEM NO.	6PT	Satin	GCAI4501
<b>CONTENTS</b>	10 (SET)		
1 BAEA1206-1222	3/8" Dr. 6PT Flank Sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22 mm		
2 GAAV0701	1/4" Hex Shank Hexagon Insert Bits FSDA0802-0808 - 2, 2.5, 3, 4, 5, 6, 8 mm		
3 GAAV0702	1/4" Hex Shank Star Insert Bits FSEA0810-0840 - T10, T15, T20, T25, T27, T30, T40		
4 GAAV0704	1/4" Hex Shank Slotted Insert Bits FSAA0804-086E - 4, 5.5, 6.5 mm		
5 GAAV0704	1/4" Hex Shank Phillips Insert Bits FSBA0801 & 0802 - PH1 & PH2		
6 GAAV0704	1/4" Hex Shank Pozzi Insert Bits FSCA0801 & 0802 - PZ1 & PZ2		
7 CJBG1220	3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
8 CAIA0815	1/4" Dr. Spinner Handle		
9 CAAA1203 & 1206	3/8" Dr. Extension Bar - 3" & 6" (L)		
10 CAHA1254	3/8" Dr. Universal Joint		
11 BAAR1216 & 1221	3/8" Dr. Spark Plug Sockets - 16 & 21 mm		
12 FTAB0808	1/4" Dr. x 1/4" (H) Quick Change Bit Holder		
13 FTAB1208	3/8" Dr. x 1/4" (H) Quick Change Bit Holder		
<b>BLOW CASE: W245 x D160 x H66 (mm)</b>			





**22PCS Professional Grade**  
3/8" DR. Flank Socket Set  
3/8"



ITEM NO.	6PT	Minor	GCAI2201	Satin	GCAI2202
<b>CONTENTS</b>	12PT	Satin	GCAI2601	Satin	GCAI2602
14 BAEA1206-1222	3/8" Dr. 6PT Flank Sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22 mm				
1 CJBG1220	3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release				
2 CAAA1203 & 1206	3/8" Dr. Extension Bar - 3" & 6" (L)				
1 CAHA1254	3/8" Dr. Universal Joint				
2 BAAR1216 & 1221	3/8" Dr. Spark Plug Sockets - 16 & 21 mm				
1 CTCK1220	3/8" Dr. Sliding T-Handle				
BLOW CASE: W245 x D160 x H66 (mm)					

**26PCS Professional Grade**  
3/8" DR. Flank Socket Set  
3/8"



ITEM NO.	6PT	Satin	GCAI2601	Satin	GCAI2602
<b>CONTENTS</b>	12PT	Satin <td>GCAI2601</td> <td>Satin <td>GCAI2602</td> </td>	GCAI2601	Satin <td>GCAI2602</td>	GCAI2602
14 BAEA1206-1224	3/8" Dr. 6PT Flank Sockets 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 mm				
2 BAEE1208-1219	3/8" Dr. 6PT Flank Deep Sockets 8, 10, 11, 12, 13, 14, 17, 19 mm				
1 CJBG1220	3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release				
2 CAAA1203 & 1206	3/8" Dr. Extension Bar - 3" & 6" (L)				
1 CAHA1254	3/8" Dr. Universal Joint				
BLOW CASE: W245 x D160 x H66 (mm)					

**60PCS Professional Grade**  
3/8" DR. Flank Socket Set  
3/8"



ITEM NO.	6PT	Satin	GCAI6001	Satin	GCAI6002
<b>CONTENTS</b>	12PT	Satin <th>GCAI6001</th> <td>Satin</td> <td>GCAI6002</td>	GCAI6001	Satin	GCAI6002
14 BAEA1206-1224	3/8" Dr. 6PT Flank Sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24 mm				
10 BAEA1208-1219	3/8" Dr. 6PT Flank Deep Sockets 8, 9, 10, 11, 12, 13, 14, 15, 17, 19 mm				
2 BCAA1203 & 1206	3/8" Dr. Extension Bar - 3" & 6" (L)				
2 BCAA12P1-12P3	3/8" Dr. Phillips Bit Sockets PH1, PH2, PH3				
2 BCBA12P1-12P3	3/8" Dr. Pozidriv Bit Sockets PZ1, PZ2, PZ3				
2 BCCA1255-1208	3/8" Dr. Slotted Bit Sockets 5.5, 6.5, 8 mm				
2 BCDA1203-1210	3/8" Dr. Hex Bit Sockets 3, 4, 5, 6, 7, 8, 10 mm				
2 BCFA1215-1255	3/8" Dr. Star Bit Sockets T15, T20, T25, T27, T30, T40, T45, T50, T55				
2 CAAA1203 & 1210	3/8" Dr. Extension Bar - 3" & 10" (L)				
2 BAAR1216 & 1221	3/8" Dr. Spark Plug Sockets - 16 & 21 mm				
1 CJBG1220	3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release				
1 CAHA1254	3/8" Dr. Universal Joint				
1 CAGA1612	1/2" (F) x 3/8" (M) Dr. 3-Way Adapter				
BLOW CASE: W300 x D220 x H70 (mm)					

**32PCS Professional Grade**  
3/8" DR. Flank Socket Set  
3/8"



ITEM NO.	6PT	Satin	GCAI3201	Satin	GCAI3202
<b>CONTENTS</b>	12PT	Satin <th>GCAI3201</th> <td>Satin</td> <td>GCAI3202</td>	GCAI3201	Satin	GCAI3202
14 BAEA1208-1224	3/8" Dr. 6PT Flank Sockets 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 mm				
2 BCDA1203-1208	3/8" Dr. Hex Bit Sockets 3, 4, 5, 6, 8 mm				
2 BCAA12P1-12P3	3/8" Dr. Phillips Bit Sockets PH1, PH2, PH3				
2 BCBA12P1-12P3	3/8" Dr. Pozidriv Bit Sockets PZ1, PZ2, PZ3				
2 BCCA126E & 1208	3/8" Dr. Slotted Bit Sockets 6.5 & 8 mm				
2 CAAA1203 & 1206	3/8" Dr. Extension Bar - 3" & 6" (L)				
1 CAHA1254	3/8" Dr. Universal Joint				
1 CJBG1220	3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release				
1 CAGA1612	1/2" (F) x 3/8" (M) Dr. 3-Way Adapter				
BLOW CASE: W245 x D160 x H66 (mm)					

**39PCS Professional Grade**  
3/8" DR. Flank Socket Set  
3/8"



ITEM NO.	6PT	Satin	GCAI3901	Satin	GCAI3902
<b>CONTENTS</b>	12PT	Satin <th>GCAI3901</th> <td>Satin</td> <td>GCAI3902</td>	GCAI3901	Satin	GCAI3902
14 BAEA1207-1222	3/8" Dr. 6PT Flank Sockets 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22 mm				
2 BAEE1210-1219	3/8" Dr. 6PT Flank Deep Sockets 10, 13, 17, 19 mm				
2 GAAV0701	1/4" Hex Shank Hexagon Insert Bits FSDAD802-0808 - 2, 2.5, 3, 4, 5, 6, 8 mm				
2 GAAV0704	1/4" Hex Shank Slotted Insert Bits FSAAD804-0808 - 4, 5.5, 6.5 mm				
2 GAAV0705	1/4" Hex Shank Phillips Insert Bits FSBA0801 & 0802 - PH1 & PH2				
2 GAAV0706	1/4" Hex Shank Pozidriv Insert Bits FSCA0801 & 0802 - PZ1 & PZ2				
1 CJBG1220	3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release				
2 CAAA1203 & 1206	3/8" Dr. Extension Bar - 3" & 6" (L)				
1 CAHA1254	3/8" Dr. Universal Joint				
1 FTAB1208	3/8" Dr. x 1/4" (H) Quick Change Bit Holder				
2 BAAR1216 & 1221	3/8" Dr. Spark Plug Sockets - 16 & 21 mm				
BLOW CASE: W245 x D160 x H66 (mm)					



**35PCS Professional Grade**  
3/8" DR. Flank Socket Set (METRIC & SAE)  
3/8"



ITEM NO.	6PT	Minor	GCAI3501	Satin	GCAI3502
<b>CONTENTS</b>	12PT	Satin <th>GCAI3501</th> <td>Satin</td> <td>GCAI3502</td>	GCAI3501	Satin	GCAI3502
14 BAEA1206-1222	3/8" Dr. 6PT Flank Sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22 mm				
10 BBEA1208-1228	3/8" Dr. 6PT Flank Sockets 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"				
2 CAAA1203 & 1206	3/8" Dr. Extension Bar - 3" & 6" (L)				
1 CAHA1254	3/8" Dr. Universal Joint				
1 CJBG1220	3/8" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release				
1 CTCK1220	3/8" Dr. Sliding T-Handle				
1 CFKA1210	3/8" Dr. Swivel Handle				
2 BAAT1216 & 1221	3/8" Dr. Magnetic Spark Plug Socket - 16 & 21 mm				
BLOW CASE: W392 x D210 x H88 (mm)					

**42PCS Professional Grade**  
1/4" & 1/2" DR. Flank Socket Wrench Set  
1/4" & 1/2"



ITEM NO.	6PT	Satin	GAAI4201	Satin	GAAI4202
<b>CONTENTS</b>	12PT	Satin <th>GAAI4201</th> <td>Satin</td> <td>GAAI4202</td>	GAAI4201	Satin	GAAI4202
10 BAEA0805-0813	1/4" Dr. 6PT Flank Sockets 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm				
13 BAEA1610-1624	1/2" Dr. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 mm				
1 CAAA0804	1/4" Dr. Extension Bar - 4" (L)				
2 CAAA1605 & 1610	1/2" Dr. Extension Bar - 5" & 10" (L)				
2 CAHA0840 & 1678	1/4" & 1/2" Dr. Universal Joint				
1 CJBG0815 & 1627	1/4" & 1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release				
1 CAGA1216	3/8" (F) x 1/2" (M) Dr. 3-Way Adapter				
11 AAEX0808-2222	Hi-Performance Combination Wrench 15" Offset 8, 9, 10, 11, 12, 13, 14, 17, 19, 21, 22 mm				
BLOW CASE: W478 x D234 x H100 (mm)					

**55PCS Professional Grade**  
1/2" DR. Flank Socket Set  
1/2"



ITEM NO.	6PT	Satin	GAAI5502	Satin	GAAI5503
<b>CONTENTS</b>	12PT	Satin <th>GAAI5502</th> <td>Satin</td> <td>GAAI5503</td>	GAAI5502	Satin	GAAI5503
17 BAEA1610-1632	1/2" Dr. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32 mm				
10 BAEE1610-1622	1/2" Dr. 6PT Flank Deep Sockets 10, 11, 12, 13, 14, 15, 16, 17, 19, 22 mm				
2 BCDA1604-1614	1/2" Dr. Hex Bit Sockets - 4, 5, 6, 8, 10, 12, 14 mm				
2 BCCA1608-1612	1/2" Dr. Slotted Bit Sockets - 8, 10, 12 mm				
2 BCAA16P2-16P4	1/2" Dr. Phillips Bit Sockets - PH2, PH3, PH4				
1 CJBG1627	1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release				
2 BCLA1620-1655	1/2" Dr. Star Tamperproof Bit Sockets T20, T25, T27, T30, T40, T45, T50, T55				
1 CAHA1678	1/2" Dr. Universal Joint				
2 BAAT1616 & 1621	1/2" Dr. Magnetic Spark Plug Sockets - 16 & 21 mm				
2 CAAA1605 & 1610	1/2" Dr. Extension Bar - 5" & 10" (L)				
1 CAGA1216	3/8" (F) x 1/2" (M) Dr. 3-Way Adapter				
BLOW CASE: W478 x D234 x H100 (mm)					

**31PCS Professional Grade**  
1/2" DR. Flank Socket Set  
1/2"



ITEM NO.	6PT	Minor	GAAI3102	Satin	GAAI3104
<b>CONTENTS</b>	12PT	Satin <th>GAAI3102</th> <td>Satin</td> <td>GAAI3104</td>	GAAI3102	Satin	GAAI3104
14 BAEA1608-1632	1/2" Dr. 6PT Flank Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 mm				
2 CAAA1605 & 1610	1/2" Dr. Extension Bar - 5" & 10" (L)				
1 CTCK1625	1/2" Dr. Sliding T-Handle - 10" (L)				
1 CJBG1627	1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release				
1 CAHA1678	1/2" Dr. Universal Joint				
2 BAAT1616 & 1621	1/2" Dr. Magnetic Spark Plug Sockets - 16 & 21 mm				
BLOW CASE: W478 x D234 x H100 (mm)					

**42PCS Professional Grade**  
1/2" DR. Flank Socket Wrench Set  
1/2"



ITEM NO.	6PT	Satin	GCAI4201	Satin	GCAI4202
<b>CONTENTS</b>	12PT	Satin <th>GCAI4201</th> <td>Satin</td> <td>GCAI4202</td>	GCAI4201	Satin	GCAI4202
11 AAEX0808-2222	Hi-Performance Combination Wrench 15" Offset 8, 9, 10, 11, 12, 13, 14, 17, 19, 21, 22 mm				
14 BAEA1608-1632	1/2" Dr. 6PT Flank Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 mm				
2 BAAR1616 & 1621	1/2" Dr. Spark Plug Sockets - 16 & 21 mm				
2 CAAA1605 & 1610	1/2" Dr. Extension Bar - 5" & 10" (L)				
1 CTCK1625	1/2" Dr. Sliding T-Handle - 10" (L)				
1 CJBG1627	1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release				
1 CAHA1678	1/2" Dr. Universal Joint				
BLOW CASE: W478 x D234 x H100 (mm)					

**30PCS Professional Grade**  
Home Repairs & Maintenance Tool Set



ITEM NO.	Satin	GAAI3001	Satin	GAAI3002	
<b>CONTENTS</b>	12PT	Satin <th>GAAI3001</th> <td>Satin</td> <td>GAAI3002</td>	GAAI3001	Satin	GAAI3002
2 AAEJ0607-2022	Double Open End Wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm				
2 GAAL0910	Short Type Hex Key Wrench Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm				
1 DBAC1209	High-Leverage Combination Pliers - 9" (L)				
1 DDAA1210	Groove-Joint Water Pump Pliers - 10" (L)				
1 HAAA0330	Engineers Hammer (300g)				
1 IAAC1905M	Heavy Duty Metric Measuring Tape - 5M				
1 SCAA2017	Heavy Duty Utility Knife with Spare Blade - 165 mm(L)				
1 SBAA0414	Multi-Purpose Electricians Scissors - 138 mm(L)				
2 FBAB0006-0210	Phillips Anti-Slip Screwdrivers PH0x60, PH1x80, PH2x100				
4 FAAB0308-6E15	Slotted Anti-Slip Screwdrivers 3x75, 4x100, 5.5x100, 6.5x160 mm				
BLOW CASE: W478 x D234 x H100 (mm)					





**TOPTUL**  
PROFESSIONAL SOCKET  
WRENCH SET SERIES

**24PCS Professional Grade**  
1/2" DR. Flank Socket Set

1/2"



• CHUG1626 - Ratchet with knurled grip handle

ITEM NO.	6PT	12PT	Contents
	Minors GCAI2411	Satins GCAI2412	
	Minors GCAI2413	Satins GCAI2414	
<b>CONTENTS</b>	4 (SET)		
1 BAEA1608-1632	1/2" Dr. 6PT Flank Sockets 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30, 32 mm		
2 CAAA1605 & 1610	1/2" Dr. Extension Bar - 5" & 10" (L)		
1 CTCK1630	1/2" Dr. Sliding T-Handle - 12" (L)		
1 CHUG1626	1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
1 CAHA1678	1/2" Dr. Universal Joint		
1 CFAE1615	1/2" Dr. Swivel Handle - 15" (L)		
BLOW CASE: W380 x D275 x H75 (mm)			

**24PCS Professional Grade**  
1/2" DR. Flank Socket Set

1/2"



ITEM NO.	6PT	12PT	Contents
	Minors GCAI2407	Satins GCAI2408	
	Minors GCAI2410	Satins GCAI2411	
<b>CONTENTS</b>	4 (SET)		
1 BAEA1608-1632	1/2" Dr. 6PT Flank Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32 mm		
2 CAAA1605 & 1610	1/2" Dr. Extension Bar - 5" & 10" (L)		
1 CAHA1678	1/2" Dr. Universal Joint		
1 CJBG1627	1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
1 CTCK1628	1/2" Dr. Sliding T-Handle - 10" (L)		
1 BBA1626	1/2" Dr. Spark Plug Socket - 13/16"		
BLOW CASE: W380 x D275 x H75 (mm)			

**24PCS Professional Grade**  
1/2" DR. Flank Socket Set

1/2"



Magnetic Spark Plug Socket

ITEM NO.	6PT	12PT	Contents
	Minors GCAI2407	Satins GCAI2408	
	Minors GCAI2409	Satins GCAI2410	
<b>CONTENTS</b>	4 (SET)		
1 BAEA1608-1632	1/2" Dr. 6PT Flank Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32 mm		
2 CAAA1605 & 1610	1/2" Dr. Extension Bar - 5" & 10" (L)		
1 CAHA1678	1/2" Dr. Universal Joint		
1 CJBG1627	1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
1 CTCK1625	1/2" Dr. Sliding T-Handle - 10" (L)		
1 BAAT1621	1/2" Dr. Magnetic Spark Plug Socket - 21 mm		
BLOW CASE: W380 x D275 x H75 (mm)			

**82PCS Professional Grade**  
1/4" & 1/2" DR. Flank Socket Wrench Set

1/4"  
1/2"



ITEM NO.	6PT	12PT	Contents
	Satins GCAI8201	Satins GCAI8202	
<b>CONTENTS</b>	3 (SET)		
1 BAEA0804-0813	1/4" Dr. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm		
2 BCCA0804-086E	1/4" Dr. Slotted Bit Sockets 4, 5.5, 6.5 mm		
2 BCAA08P1 & 08P2	1/4" Dr. Phillips Bit Sockets PH1 & PH2		
2 BCBA08P1 & 08P2	1/4" Dr. Pozl Bit Sockets PZ1 & PZ2		
2 BCDA0803-0806	1/4" Dr. Hex Bit Sockets 3, 4, 5, 6 mm		
2 BCFA0808-0830	1/4" Dr. Star Bit Sockets T8, T10, T15, T20, T25, T30		
2 BCCA0804-086E	1/4" Dr. Slotted Bit Sockets - 4, 5.5, 6.5 mm		
2 BCAA08P1 & 08P2	1/4" Dr. Phillips Bit Sockets - PH1 & PH2		
2 BCBA08P1 & 08P2	1/4" Dr. Pozl Bit Sockets - PZ1 & PZ2		
1 BAEA1610-1632	1/2" Dr. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm		
2 BAAE1614-1622	1/2" Dr. 6PT Flank Deep Sockets 14, 15, 17, 19, 22 mm		
2 BAAR1616 & 1621	1/2" Dr. Spark Plug Sockets 16 & 21 mm		
2 FSDA1008-1014	5/16" Hex Shank Hexagon Insert Bits 8, 10, 12, 14 mm		
2 FSEA1040-1055	5/16" Hex Shank Star Insert Bits T40, T45, T50, T55		
2 FSA1008-1012	5/16" Hex Shank Slotted Insert Bits 8, 10, 12 mm		
2 FSBA1003 & 1004	5/16" Hex Shank Phillips Insert Bits PH3 & PH4		
2 FSCA1003 & 1004	5/16" Hex Shank Pozl Insert Bits PZ3 & PZ4		
2 FSA1008-1012	5/16" Hex Shank Slotted Insert Bits 8, 10, 12 mm		
2 FSDA1008-1014	5/16" Hex Shank Hexagon Insert Bits 8, 10, 12, 14 mm		
2 FSEA1040-1060	5/16" Hex Shank Star Insert Bits T40, T45, T50, T55, T60		
2 BAEA1614-1632	1/2" Dr. 6PT Flank Sockets 14, 15, 16, 17, 18, 19, 20, 22, 24, 27, 30, 32 mm		
2 CAAA1605 & 1610	1/2" Dr. Extension Bar - 5" & 10" (L)		
2 BAAR1616 & 1621	1/2" Dr. Spark Plug Sockets - 16 & 21 mm		
2 CJBG0815 & 1627	1/4" & 1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
2 CAHA0840 & 1678	1/4" & 1/2" Dr. Universal Joint		
2 CAAA0802 & 0804	1/4" Dr. Extension Bar - 2" & 4" (L)		
2 CAIA0815	1/4" Dr. Spinner Handle		
1 CTCK0811	1/4" Dr. Sliding T-Handle		
1 CASA0806	1/4" Dr. Flexible Extension Bar - 6" (L)		
1 FTAB1610	3/8" (F) x 1/2" (M) Dr. 3-Way Adapter		
2 AAE0808-2222	Hi-Performance Combination Wrench 15" Offset 8, 10, 11, 12, 13, 14, 17, 19, 22 mm		
BLOW CASE: W375 x D282 x H75 (mm)			

**94PCS Professional Grade**  
1/4" & 1/2" DR. Flank Socket Set

1/4"  
1/2"



ITEM NO.	6PT	12PT	Contents
	Satins GCAI094R	Satins GCAI094R1	
<b>CONTENTS</b>	3 (SET)		
1 BAEA0804-0814	1/4" Dr. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm		
2 BAAE0806-0813	1/4" Dr. 6PT Flank Deep Sockets 6, 7, 8, 9, 10, 11, 12, 13 mm		
2 BCDA0803-0806	1/4" Dr. Hex Bit Sockets - 3, 4, 5, 6 mm		
2 BCFA0808-0830	1/4" Dr. Star Bit Sockets T8, T10, T15, T20, T25, T30		
2 BCCA0804-086E	1/4" Dr. Slotted Bit Sockets - 4, 5.5, 6.5 mm		
2 BCAA08P1 & 08P2	1/4" Dr. Phillips Bit Sockets - PH1 & PH2		
2 BCBA08P1 & 08P2	1/4" Dr. Pozl Bit Sockets - PZ1 & PZ2		
1 BAEA1610-1632	1/2" Dr. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm		
2 BAAE1614-1622	1/2" Dr. 6PT Flank Deep Sockets 14, 15, 17, 19, 22 mm		
2 BAAR1616 & 1621	1/2" Dr. Spark Plug Sockets 16 & 21 mm		
2 FSDA1008-1014	5/16" Hex Shank Hexagon Insert Bits 8, 10, 12, 14 mm		
2 FSEA1040-1055	5/16" Hex Shank Star Insert Bits T40, T45, T50, T55		
2 FSA1008-1012	5/16" Hex Shank Slotted Insert Bits 8, 10, 12 mm		
2 FSBA1003 & 1004	5/16" Hex Shank Phillips Insert Bits PH3 & PH4		
2 FSCA1003 & 1004	5/16" Hex Shank Pozl Insert Bits PZ3 & PZ4		
2 FSA1008-1012	5/16" Hex Shank Slotted Insert Bits 8, 10, 12 mm		
2 FSDA1008-1014	5/16" Hex Shank Hexagon Insert Bits 8, 10, 12, 14 mm		
2 FSEA1040-1060	5/16" Hex Shank Star Insert Bits T40, T45, T50, T55, T60		
2 CJBG0815 & 1627	1/4" & 1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
2 CAHA0840 & 1678	1/4" & 1/2" Dr. Universal Joint		
2 CAAA0802 & 0804	1/4" Dr. Extension Bar - 2" & 4" (L)		
2 CAIA0815	1/4" Dr. Spinner Handle		
1 CTCK0811	1/4" Dr. Sliding T-Handle		
1 CASA0806	1/4" Dr. Flexible Extension Bar - 6" (L)		
1 FTAB1610	3/8" (F) x 1/2" (M) Dr. 3-Way Adapter		
2 CAAA1605 & 1610	1/2" Dr. Extension Bar - 5" & 10" (L)		
2 CAHA1678	1/2" Dr. Universal Joint		
2 BAAR1616 & 1621	1/2" Dr. Spark Plug Sockets - 16 & 21 mm		
1 FTAB1610	3/8" (F) x 1/2" (M) Dr. 3-Way Adapter		
2 AGAS1E05-2E06	Short Type Hex Key Wrenches 1.5, 2, 2.5 mm		
BLOW CASE: W375 x D282 x H87 (mm)			

**108PCS Professional Grade**  
1/4" & 1/2" DR. Flank Socket Set

1/4"  
1/2"



ITEM NO.	6PT	12PT	Contents
	Satins GCAI108R	Satins GCAI108R1	
<b>CONTENTS</b>	3 (SET)		
1 BAEA0804-0814	1/4" Dr. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm		
2 BAAE0806-0813	1/4" Dr. 6PT Flank Deep Sockets 6, 7, 8, 9, 10, 11, 12, 13 mm		
2 BAED0804-0808	1/4" Dr. Star Sockets - E4, E5, E6, E7, E8		
2 BCDA0803-0806	1/4" Dr. Hex Bit Sockets - 3, 4, 5, 6 mm		
2 BCFA0808-0830	1/4" Dr. Star Bit Sockets T8, T10, T15, T20, T25, T30		
2 BCCA0804-086E	1/4" Dr. Slotted Bit Sockets - 4, 5.5, 6.5 mm		
2 BCAA08P1 & 08P2	1/4" Dr. Phillips Bit Sockets - PH1 & PH2		
2 BCBA08P1 & 08P2	1/4" Dr. Pozl Bit Sockets - PZ1 & PZ2		
1 CJBG0815	1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
2 CAAA0802 & 0804	1/4" Dr. Extension Bar - 2" & 4"		
1 CTCK0811	1/4" Dr. Sliding T-Handle		
1 CAHA0840	1/4" Dr. Universal Joint		
1 CAIA0815	1/4" Dr. Spinner Handle		
2 AGAS1E05-2E06	Short Type Hex Key Wrenches - 1.5, 2, 2.5 mm		
1 BAEA1610-1632	1/2" Dr. 6PT Flank Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32 mm		
2 BAAE1614-1622	1/2" Dr. 6PT Flank Deep Sockets 14, 15, 17, 19, 22 mm		
2 BAED1610-1624	1/2" Dr. Star Sockets E10, E11, E12, E14, E16, E18, E20, E24		
2 FSDA1007-1014	5/16" Hex Shank Hexagon Insert Bits 7, 8, 10, 12, 14 mm		
2 FSEA1040-1060	5/16" Hex Shank Star Insert Bits T40, T45, T50, T55, T60		
2 FSA1008-1012	5/16" Hex Shank Slotted Insert Bits 8, 10, 12 mm		
2 FSBA1003 & 1004	5/16" Hex Shank Phillips Insert Bits PH3 & PH4		
2 FSCA1003 & 1004	5/16" Hex Shank Pozl Insert Bits PZ3 & PZ4		
2 FSA1008-1012	5/16" Hex Shank Slotted Insert Bits 8, 10, 12 mm		
2 FSDA1008-1014	5/16" Hex Shank Hexagon Insert Bits 8, 10, 12, 14 mm		
2 FSEA1040-1060	5/16" Hex Shank Star Insert Bits T40, T45, T50, T55, T60		
2 CJBG1627	1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release		
2 CAHA1678	1/2" Dr. Universal Joint		
2 CAAA1605 & 1610	1/2" Dr. Extension Bar - 5" & 10"		
1 CAHA1678	1/2" Dr. Universal Joint		
2 BAAR1616 & 1621	1/2" Dr. Spark Plug Sockets - 16 & 21 mm		
1 FTAB1610	3/8" (F) x 1/2" (M) Dr. 3-Way Adapter		
2 CAGA1216	3/8" (F) x 1/2" (M) Dr. 3-Way Adapter		
2 AGAS1E05-2E06	Short Type Hex Key Wrenches 1.5, 2, 2.5 mm		
BLOW CASE: W375 x D282 x H87 (mm)			







# 151 PCS

## 1/4", 3/8" & 1/2" DR. Flank Socket Set

- 1/4"
- 3/8"
- 1/2"



**BLOW CASE:**  
W483 x D346 x H91 (mm)

# 150 PCS

## 1/4" & 1/2" DR. Tool Kit

- 1/4"
- 1/2"



Rugged blow molded case for perfect tool protection and storage

**BLOW CASE:**  
W560 x D412 x H120 (mm)

Professional quality meets or exceeds both ANSI & DIN standards

**DIN ANSI CR-V (Lower Temperature Steel) S2 (High Speed Steel)**

ITEM NO.	Sizes	GCA1151R
<b>CONTENTS</b>		
1	BAEA0804-0814	1/4" Dr. 6PT Flank Sockets - 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
1	BAEA1210-1219	3/8" Dr. 6PT Flank Sockets - 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, mm
1	DAEA1610-1632	1/2" Dr. 6PT Flank Sockets - 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32 mm
1	BAEE0804-0810	1/4" Dr. 6PT Flank Deep Sockets - 4, 5, 6, 7, 8, 9, 10 mm
1	BAEE1210-1215	3/8" Dr. 6PT Flank Deep Sockets - 10, 11, 12, 13, 14, 15 mm
1	BAEE1616-1622	1/2" Dr. 6PT Flank Deep Sockets - 16, 17, 18, 19, 22 mm
1	BAED0804-0808	1/4" Dr. Star Sockets - E4, E5, E6, E7, E8
1	BAED1210-1218	3/8" Dr. Star Sockets - E10, E11, E12, E14, E16, E18
1	BAED1620 & 1624	1/2" Dr. Star Sockets - E20 & E24
1	BCCA0804-0807	1/4" Dr. Slotted Bit Sockets - 4, 5.5, 6.5, 7 mm
1	BCCA0804-0807	1/4" Dr. Phillips Bit Sockets - PH0, PH1, PH2
1	BCCA0804-0807	1/4" Dr. Pozl Bit Sockets - PZ0, PZ1, PZ2
1	BCCA0804-0807	1/4" Dr. Star Bit Sockets - T8, T9, T10, T15, T20, T25, T27, T30
1	BCCA0804-0807	1/4" Dr. Hex Bit Sockets - 3, 4, 5, 6 mm
1	BCLA0808-0830	1/4" Dr. Star Tamperproof Bit Sockets - T8, T9, T10, T15, T20, T25, T27, T30

ITEM NO.	CONTENTS
1	BAAR1218 - 3/8" Dr. Spark Plug Socket - 18 mm
1	BAAR1616 & 1621 - 1/2" Dr. Spark Plug Sockets - 16 & 21 mm
1	FTAB1210 - 3/8" Dr. x 5/16" (H) Quick Change Bit Holder
1	FTAB1610 - 1/2" Dr. x 5/16" (H) Quick Change Bit Holder
1	FSAA1008-1012 - 5/16" Hex Shank Slotted Insert Bits - 8, 10, 12 mm
1	FSBA1003 & 1004 - 5/16" Hex Shank Phillips Insert Bits - PH3 & PH4
1	FSCA1003 & 1004 - 5/16" Hex Shank Pozl Insert Bits - PZ3 & PZ4
1	FSEA1040-1070 - 5/16" Hex Shank Star Insert Bits - T40, T45, T50, T55, T60, T70
1	FSDA1007-1014 - 5/16" Hex Shank Hexagon Insert Bits - 7, 8, 10, 12, 14 mm
1	FSGA1040-1070 - 5/16" Hex Shank Star Tamperproof Insert Bits - T40, T45, T50, T55, T60, T70
1	CJRM0815-1626 - 1/4", 3/8" & 1/2" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release
1	CAHA0840-1678 - 1/4", 3/8" & 1/2" Dr. Universal Joint
1	CTCK0811 - 1/4" Dr. Sliding T-Handle
1	CAIA0815 - 1/4" Dr. Spinner Handle
1	CAAA0802 & 0804 - 1/4" Dr. Extension Bar - 2" & 4" (L)
1	CAAA1206 - 3/8" Dr. Extension Bar - 6" (L)
1	CAAA1605 & 1610 - 1/2" Dr. Extension Bar - 5" & 10" (L)
1	CAGA1216 - 3/8" (F) x 1/2" (M) Dr. 3-Way Adapter
1	AGAS1C04-0509 - Short Type Hex Key Wrenches - 1.27, 1.5, 2, 2.5, 3, 4, 5 mm

**BLOW CASE:** W483 x D346 x H91 (mm)

ITEM NO.	Sizes	GCA1150R
<b>CONTENTS</b>		
1	BAEA0804-0813	1/4" Dr. 6PT Flank Sockets - 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
1	BAEE0806-0813	1/4" Dr. 6PT Flank Deep Sockets - 6, 7, 8, 9, 10, 11, 12, 13 mm
1	BAED0804-0808	1/4" Dr. Star Sockets - E4, E5, E6, E7, E8
1	CAAA0802 & 0804	1/4" Dr. Extension Bar - 2" & 4" (L)
1	CASA0806	1/4" Dr. Flexible Extension Bar - 6" (L)
1	CTCK0811	1/4" Dr. Sliding T-Handle
1	CAHA0840	1/4" Dr. Universal Joint
1	FTAB0808	1/4" Dr. x 1/4" (H) Quick Change Bit Holder
1	GAAV0704	1/4" Hex Shank Slotted Insert Bits - FSAA0804-0806 - 4, 5.5, 6.5 mm
1	GAAV0704	1/4" Hex Shank Phillips Insert Bits - FSBA0801 & 0802 - PH1 & PH2
1	GAAV0704	1/4" Hex Shank Pozl Insert Bits - FSCA0801 & 0802 - PZ1 & PZ2
1	GAAV0701	1/4" Hex Shank Hexagon Insert Bits - FSDA0802-0808 - 2, 2.5, 3, 4, 5, 6, 8 mm
1	GAAV0702	1/4" Hex Shank Star Insert Bits - FSEA0810-0840 - T10, T15, T20, T25, T27, T30, T40
1	GAAV0703	1/4" Hex Shank Star Tamperproof Insert Bits - FSGA0810-0840 - T10, T15, T20, T25, T27, T30, T40
1	CAIP0816	1/4" Dr. Spinner Handle
1	CJBB0815	1/4" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release
1	BAEA1608-1632	1/2" Dr. 6PT Flank Sockets - 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm
1	BAEE1614-1622	1/2" Dr. 6PT Flank Deep Sockets - 14, 15, 17, 19, 22 mm
1	BAED1610-1620	1/2" Dr. Star Sockets - E10, E12, E14, E16, E18, E20
1	CAAA1605 & 1610	1/2" Dr. Extension Bar - 5" & 10" (L)
1	CAGA1216	3/8" (F) x 1/2" (M) Dr. 3-Way Adapter

ITEM NO.	CONTENTS
1	CAHA1678 - 1/2" Dr. Universal Joint
1	BAAR1616 & 1621 - 1/2" Dr. Spark Plug Sockets - 16 & 21 mm
1	FTAB1610 - 1/2" Dr. x 5/16" (H) Quick Change Bit Holder
1	FSBA1003 - 5/16" Hex Shank Phillips Insert Bits - PH3
1	FSDA1012 & 1014 - 5/16" Hex Shank Hexagon Insert Bits - 12 & 14 mm
1	FSEA1045 & 1050 - 5/16" Hex Shank Star Insert Bits - T45 & T50
1	CFAE1615 - 1/2" Dr. Swivel Handle - 15" (L)
1	AFAN1610 - 1/2" Dr. L-Handle (90° Offset) - 10" (L)
1	CJBB1627 - 1/2" Dr. 36 Teeth Reversible Ratchet Handle with Quick Release
1	AAEX0606-2424 - Hi-Performance Combination Wrench 15" Offset - 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 mm
1	AAEA0810-1719 - Flare Nut Wrenches - 8x10, 11x13, 12x14, 17x19 mm
1	GAAL0701 - Short Type Hex Key Wrench Set - 2.5, 3, 4, 5, 6, 8, 10 mm
1	DBBB2207 - Combination Pliers - 7" (L)
1	DEBB2206 - Diagonal Cutting Pliers - 6" (L)
1	DAAQ1A10 - Curved Jaw Locking Pliers with Wire Cutter - 10" (L)
1	HAAA0532 - Engineers Hammer - 500g
1	GAAV0501 - Chisel Punch Set - Pin Punch - 4x10x150 mm - Cape Chisel - 5x10x130 mm - Cold Chisel - 12x10x130 mm - Taper Punch - 3x10x120 mm - Center Punch - #2x10x120 mm
1	FBBB0203 - Slubby Phillips Anti-Slip Screwdriver - PH2x25
1	FBAB0108 & 0210 - Phillips Anti-Slip Screwdrivers - PH1x80 & PH2x100
1	FABBB003 - Slubby Slotted Anti-Slip Screwdriver - 6.5x25
1	FAABSE10 & 0E15 - Slotted Anti-Slip Screwdrivers - 5.5x100 & 6.5x150

**BLOW CASE:** W560 x D412 x H120 (mm)



# 216PCS 1/4", 3/8" & 1/2" DR. Flank Socket Wrench Set

1/4"  
3/8"  
1/2"



BLOW CASE: W560 x D412 x H120 (mm)

DIN ANSI CR-V S2

ITEM NO.	6PT	3/8"	GCAI216R
<b>CONTENTS</b>			
13	BAEA0804-0814		1/4" Dr. 6PT Flank Sockets - 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
14	BAEA1210-1219		3/8" Dr. 6PT Flank Sockets - 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
15	BAEA1610-1632		1/2" Dr. 6PT Flank Sockets - 10, 11, 12, 13, 14, 15, 17, 19, 20, 21, 22, 24, 27, 30, 32 mm
16	BAEE0804-0810		1/4" Dr. 6PT Flank Deep Sockets - 4, 5, 6, 7, 8, 9, 10 mm
17	BAEE1210-1215		3/8" Dr. 6PT Flank Deep Sockets - 10, 11, 12, 13, 14, 15 mm
18	BAEE1616-1622		1/2" Dr. 6PT Flank Deep Sockets - 16, 17, 18, 19, 22 mm
19	BAED0804-0808		1/4" Dr. Star Sockets - E4, E5, E6, E7, E8
20	BAED1210-1218		3/8" Dr. Star Sockets - E10, E11, E12, E14, E16, E18
21	BAED1620-1624		1/2" Dr. Star Sockets - E20, E22, E24
22	CJRM0815-1626		1/4", 3/8" & 1/2" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release
23	CAHA0840-1678		1/4", 3/8" & 1/2" Dr. Universal Joint
24	CTCK0811 & 1625		1/4" & 1/2" Dr. Sliding T-Handle
25	CAIA0815		1/4" Dr. Spinner Handle
26	CAAA0802 & 0804		1/4" Dr. Extension Bar - 2" & 4" (L)
27	CAAA1206		3/8" Dr. Extension Bar - 6" (L)
28	CAAA1605 & 1610		1/2" Dr. Extension Bar - 5" & 10" (L)
29	BCCA0806-0808		1/4" Dr. Slotted Bit Sockets - 6, 6.5, 8 mm
30	BCAA08P3 & 08P4		1/4" Dr. Phillips Bit Sockets - PH3 & PH4
31	BCBA08P3 & 08P4		1/4" Dr. Pozidriv Bit Sockets - PZ3 & PZ4
32	BCFA0825-0835		1/4" Dr. Star Bit Sockets - T25, T27, T30, T35
33	BCFA1240-1250		3/8" Dr. Star Bit Sockets - T40x2pcs, T45, T50
34	BCFA1655 & 1660		1/2" Dr. Star Bit Sockets - T55 & T60
35	BCLA0827-0835		1/4" Dr. Star Tamperproof Bit Sockets - T27, T30, T35
36	BCLA1240-1250		3/8" Dr. Star Tamperproof Bit Sockets - T40, T45, T50
37	BDA08SE-0808		1/4" Dr. Hex Bit Sockets - 5.5, 6, 6.5, 7, 8 mm
38	BCHA1205-1210		3/8" Dr. Spline Bit Sockets - M5, M6, M8, M10
39	FSAA1006-1008		5/16" Hex Shank Slotted Insert Bits - 6, 6.5, 8 mm

ITEM NO.	CONTENTS
40	FSBA1003 & 1004
41	FSCA1003 & 1004
42	FSEA1025-1050
43	FSGA1027-1050
44	FSDA105E-1008
45	FSFA1005-1010
46	GAAV1101
47	GAAV1102
48	GAAV1103
49	GAAV1104
50	BAAR1218
51	BAAR1616 & 1621
52	FTAB0808
53	FTAB1210 & 1610
54	FTBA0824
55	AAEX0808-2222
56	AGAS1C04-0509

BLOW CASE: W560 x D412 x H120 (mm)

# 130PCS 1/4" & 1/2" DR. Flank Socket Wrench Set

1/4"  
1/2"



Professional quality meets or exceeds both ANSI & DIN standards

Rugged blow molded case for perfect tool protection and storage

BLOW CASE: W560 x D505 x H92 (mm)

DIN ANSI CR-V S2

ITEM NO.	6PT	12PT	Satin	GCAI130TD
<b>CONTENTS</b>				
13	BAEA0804-0813			1/4" Dr. 6PT Flank Sockets - 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
14	BAEA1608-1632			1/2" Dr. 6PT Flank Sockets - 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32 mm
15	BAEE0807-0813			1/4" Dr. 6PT Flank Deep Sockets - 7, 8, 10, 12, 13 mm
16	BAEE1610-1619			1/2" Dr. 6PT Flank Deep Sockets - 10, 12, 13, 14, 15, 17, 19 mm
17	BAAT1616 & 1621			1/2" Dr. Magnetic Spark Plug Sockets - 16 & 21 mm
18	CAAF0802 & 1602			1/4" & 1/2" Dr. Wobble Extension Bar - 2" (L)
19	CAAA0803 & 0806			1/4" Dr. Extension Bar - 3" & 6" (L)
20	CAAA1605 & 1610			1/2" Dr. Extension Bar - 5" & 10" (L)
21	CASA0806			1/4" Dr. Flexible Extension Bar - 6" (L)
22	CTCK0811 & 1625			1/4" & 1/2" Dr. Sliding T-Handle
23	CAHA0840 & 1678			1/4" & 1/2" Dr. Universal Joint
24	CFAC1615			1/2" Dr. Swivel Handle - 15" (L)
25	CJFM0815 & 1627			1/4" & 1/2" Dr. 72 Teeth Reversible Ratchet Handle with Quick Release
26	AAEX0606-3232			Hi-Performance Combination Wrench 15" Offset - 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 27, 30, 32 mm
27	AEAA0809-1922			Flare Nut Wrenches - 8x9, 10x11, 12x13, 14x17, 19x22 mm

ITEM NO.	CONTENTS
28	GSN-095H
29	GSN-095S
30	GAAV0901
31	DDBA2210
32	DBRR2207
33	DEBB2206
34	JJAG3E63
35	BCFA0810-0830
36	BCDA0804-0808
37	BCDA1612-1617
38	FRBB0203
39	FBAB0108 & 0210
40	FABB6E03
41	FAAB0308 & 5E10
42	HAAA0532

BLOW CASE: W560 x D505 x H92 (mm)





**21PCS Professional Grade**  
3/4" DR. Flank Socket Set  
3/4"

**21PCS Professional Grade**  
3/4" DR. Flank Socket Set  
3/4"



**19PCS Professional Grade**  
3/4" DR. Flank Socket Set  
3/4"

ITEM NO.	6PT	12PT	Setin	GCAI2104
			Setin	GCAI2105
<b>CONTENTS</b> 2 (SET)				
18 BAEA2419-2450 3/4" Dr. 6PT Flank Sockets 19, 21, 22, 23, 24, 26, 27, 29, 30, 32, 35, 36, 38, 41, 46, 50 mm				
2 CABA2408 & 2416 3/4" Dr. Extension Bar With Quick Release 8" & 16" (L)				
1 CAHA24A0 3/4" Dr. Universal Joint				
1 CHES2406 3/4" Dr. 43 Teeth Reversible Ratchet with Adjustable Tube Handle (Quick-Release) 500-800mm				
1 CFDC2408 3/4" Dr. Swivel Handle with Adjustable Tube Handle (Quick-Release) - 500-800mm				
BLOW CASE: W535 x D385 x H100 (mm)				

ITEM NO.	6PT	12PT	Setin	GCAI2102
			Setin	GCAI2103
<b>CONTENTS</b> 2 (SET)				
18 BAEA2419-2450 3/4" Dr. 6PT Flank Sockets 19, 21, 22, 23, 24, 26, 27, 29, 30, 32, 35, 36, 38, 41, 46, 50 mm				
2 CABA2408 & 2416 3/4" Dr. Extension Bar With Quick Release 8" & 16" (L)				
1 CAHA24A0 3/4" Dr. Universal Joint				
1 CFJB2419 3/4" Dr. Swivel Handle (Quick Release) - 21" (L)				
1 CHFS2451 3/4" Dr. 43 Teeth Reversible Ratchet Handle with Quick Release				
BLOW CASE: W535 x D385 x H100 (mm)				

**17PCS Professional Grade**  
3/4" DR. Flank Socket Set  
3/4"



• CHHW2451 + CABO Series

ITEM NO.	6PT	12PT	Setin	GCAI1901
			Setin	GCAI1902
<b>CONTENTS</b> 2 (SET)				
18 BAEA2419-2455 3/4" Dr. 6PT Flank Sockets 19, 21, 22, 24, 27, 30, 32, 34, 36, 38, 41, 46, 50, 55 mm				
2 CABO2408 & 2416 3/4" Dr. Extension Bar with Quick Release - 8" & 16" (L)				
1 CAHA24A0 3/4" Dr. Universal Joint				
1 CTCJ2418 3/4" Dr. Sliding T-Handle with Quick Release - 18" (L)				
1 CHHW2451 3/4" Dr. 120 Teeth Dustproof Reversible Ratchet Handle With Quick Release				
BLOW CASE: W535 x D385 x H100 (mm)				

ITEM NO.	6PT	12PT	Setin	GCAI1701
			Setin	GCAI1702
<b>CONTENTS</b> 2 (SET)				
18 BAEA2419-2450 3/4" Dr. 6PT Flank Sockets 19, 21, 22, 23, 24, 27, 30, 32, 36, 38, 41, 46, 50 mm				
2 CABA2404 & 2408 3/4" Dr. Extension Bar With Quick Release 4" & 8" (L)				
1 CTCJ2418 3/4" Dr. Sliding T- Handle with Quick Release - 18" (L)				
1 CHFS2451 3/4" Dr. 43 Teeth Reversible Ratchet Handle with Quick Release				
BLOW CASE: W526 x D228 x H105 (mm)				

**PROFESSIONAL  
IMPACT TOOLS**



**IMPACT SOCKETS,  
BIT SOCKETS, ACCESSORIES,  
Pneumatic & Power Tools**

Specialized impact tools for auto maintenance and repairs. Available in 3/8", 1/2", 3/4", 1" & 1-1/2".



**6PT Flank Impact Sockets**



Black Phosphate Finished

DRIVE	ITEM NO.	SIZE (mm)	L (mm)	W (mm)	H (mm)
METRIC 3/8" 10mm sq.	KABA1207	7	30	15	270
	KABA1208	8	30	15	270
	KABA1209	9	30	15	270
	KABA1210	10	30	15	270
	KABA1211	11	30	10	180
	KABA1212	12	30	10	180
	KABA1213	13	30	10	180
	KABA1214	14	30	10	160
	KABA1215	15	30	10	160
	KABA1216	16	30	10	160
	KABA1217	17	30	10	160
	KABA1218	18	30	10	160
KABA1219	19	30	10	160	
KABA1220	20	30	10	160	
KABA1221	21	30	10	160	
KABA1222	22	30	10	160	
1/2" 12.5mm sq.	KABA1608	8	38	25	150
	KABA1609	9	38	25	150
	KABA1610	10	38	25	150
	KABA1611	11	38	25	150
	KABA1612	12	38	25	150
	KABA1613	13	38	25	150
	KABA1614	14	38	25	150
	KABA1615	15	38	25	100
	KABA1616	16	38	20	80
	KABA1617	17	40	20	80
	KABA1618	18	40	15	60
	KABA1619	19	40	15	60
KABA1620	20	40	15	60	
KABA1621	21	40	15	60	
KABA1622	22	40	15	60	
KABA1623	23	42	15	60	
KABA1624	24	42	10	60	
KABA1625	25	42	10	60	
KABA1626	26	42	10	60	
KABA1627	27	42	10	60	
KABA1628	28	45	10	60	
KABA1629	29	45	10	60	
KABA1630	30	46	10	80	
KABA1632	32	46	5	40	
KABA1633	33	46	5	40	
KABA1634	34	46	5	40	
KABA1636	36	50	2	16	
KABA1638	38	50	2	16	
KABA1641	41	50	2	16	
3/4" 20mm sq.	KABA2417	17	50	5	40
	KABA2419	19	50	5	40
	KABA2421	21	50	5	40
	KABA2422	22	50	5	40
	KABA2423	23	50	5	40
	KABA2424	24	50	5	40
	KABA2426	26	50	5	40
	KABA2427	27	50	5	40
	KABA2428	28	50	5	40
	KABA2429	29	53	5	40
	KABA2430	30	53	5	40
	KABA2432	32	53	5	40
KABA2433	33	55	5	40	
KABA2434	34	55	5	40	
KABA2435	35	55	5	40	
KABA2436	36	55	5	40	
KABA2438	38	57	2	16	
KABA2441	41	57	2	16	
KABA2446	46	62	2	16	

**DRIVE** 1" 25mm sq.

ITEM NO.	SIZE (mm)	L (mm)	W (mm)	H (mm)
KABA3219	19	57	2	16
KABA3221	21	57	2	16
KABA3222	22	57	2	16
KABA3223	23	57	2	16
KABA3224	24	57	2	16
KABA3225	25	57	2	16
KABA3226	26	57	2	16
KABA3227	27	57	2	16
KABA3228	28	57	2	16
KABA3229	29	57	2	16
KABA3230	30	62	2	16
KABA3232	32	62	2	16
KABA3233	33	62	2	16
KABA3234	34	62	2	16
KABA3235	35	62	2	16
KABA3236	36	62	2	16
KABA3238	38	66	2	16
KABA3241	41	66	2	16
KABA3242	42	66	2	16
KABA3246	46	70	2	16
KABA3250	50	70	2	16
KABA3252	52	75	2	8
KABA3255	55	82	2	8
KABA3258	58	82	2	8
KABA3260	60	85	2	8
KABA3263	63	85	2	8
KABA3265	65	85	2	8
KABA3270	70	90	2	8
KABA3275	75	90	2	8
KABA3280	80	90	1	4
KABA3285	85	108	1	4
KABA3290	90	108	1	4
KABA3295	95	108	1	4

**8PCS 3/8" DR. 6PT Impact Socket Rail Set**



Black Phosphate Finished  
**ITEM NO. CONTENTS**  
GDAG0801 = KABA1208-1219  
8, 10, 11, 12, 13, 14, 17, 19 mm

**12PCS 3/8" DR. 6PT Impact Socket Rail Set**



Black Phosphate Finished  
**ITEM NO. CONTENTS**  
GDAG1201 = KABA1208-1219  
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm

**6PT Flank Impact Sockets**

CR-MO DIN 3121



METRIC Black Phosphate Finished

DRIVE	ITEM NO.	SIZE (mm)	L (mm)	W (mm)	H (mm)
1-1/2" 40mm sq.	KABA4841	41	80	2	8
	KABA4846	46	84	2	8
	KABA4850	50	87	2	8
	KABA4855	55	90	2	8
	KABA4860	60	92	2	8
	KABA4865	65	95	2	8
	KABA4870	70	100	2	8
	KABA4875	75	103	1	4
	KABA4880	80	110	1	4
	KABA4885	85	118	1	4
	KABA4890	90	118	1	4
	KABA4895	95	118	1	4
KABA48A0	100	126	1	2	
KABA48A5	105	125	1	2	
KABA48B0	110	125	1	2	
KABA48B5	115	135	1	2	
KABA48C0	120	135	1	2	

**6PT Flank Impact Sockets**

CR-MO DIN 3121



SAE Black Phosphate Finished

DRIVE	ITEM NO.	SIZE (inch)	L (mm)	W (mm)	H (mm)
1/2" 12.5mm sq.	KBBA1610	5/16	38	25	250
	KBBA1612	3/8	38	25	250
	KBBA1614	7/16	38	25	250
	KBBA1616	1/2	38	25	250
	KBBA1618	9/16	38	25	250
	KBBA1620	5/8	38	20	160
	KBBA1622	11/16	36	20	160
	KBBA1624	3/4	38	15	120
	KBBA1626	13/16	38	15	120
	KBBA1628	7/8	38	15	120
	KBBA1630	15/16	38	10	100
	KBBA1632	1	38	10	100
KBBA1634	1-1/16	40	10	100	
KBBA1636	1-1/8	40	10	100	
KBBA1638	1-3/16	40	10	80	
KBBA1640	1-1/4	40	5	40	

**6PT Flank Deep Impact Sockets**

CR-MO DIN 3121



METRIC Black Phosphate Finished

DRIVE	ITEM NO.	SIZE (mm)	L (mm)	W (mm)	H (mm)
3/8" 10mm sq.	KABE1208	8	65	10	160
	KABE1209	9	65	10	160
	KABE1210	10	65	10	160
	KABE1211	11	65	10	160
	KABE1212	12	65	10	160
	KABE1213	13	65	10	160
	KABE1214	14	65	10	160
	KABE1215	15	65	10	100
	KABE1216	16	65	10	100
	KABE1217	17	65	10	100
	KABE1218	18	65	10	100
	KABE1219	19	65	10	100
KABE1220	20	65	5	50	
KABE1221	21	65	5	50	
KABE1222	22	65	5	50	
1/2" 12.5mm sq.	KABE1608	8	78	10	80
	KABE1609	9	78	10	80
	KABE1610	10	78	10	80
	KABE1611	11	78	10	80
	KABE1612	12	78	10	80
	KABE1613	13	78	10	80
	KABE1614	14	78	10	80
	KABE1615	15	78	10	80
	KABE1616	16	78	10	80
	KABE1617	17	78	10	40
	KABE1618	18	78	10	40
	KABE1619	19	78	10	40
KABE1620	20	78	10	40	
KABE1621	21	78	10	40	
KABE1622	22	78	10	40	
KABE1623	23	78	10	40	
KABE1624	24	78	10	40	
KABE1625	25	78	10	40	
KABE1626	26	78	10	40	
KABE1627	27	78	8	32	
KABE1628	28	78	8	32	
KABE1629	29	78	8	32	
KABE1630	30	78	5	20	
KABE1632	32	78	5	20	
KABE1633	33	78	5	20	
KABE1634	34	78	5	20	
KABE1636	36	78	5	20	
KABE1638	38	78	4	16	
KABE1641	41	78	3	12	

DRIVE 3/4" 25mm sq.

ITEM NO.	SIZE (mm)	L (mm)	W (mm)	H (mm)
KABE2436	36	90	2	16
KABE2438	38	90	2	16
KABE2441	41	90	2	16
KABE2446	46	90	2	16
KABE3222	22	108	1	8
KABE3224	24	108	1	8
KABE3227	27	108	1	8
KABE3229	29	108	1	8
KABE3230	30	108	1	8
KABE3232	32	108	1	8
KABE3233	33	108	1	8
KABE3234	34	108	1	8
KABE3235	35	108	1	8
KABE3236	36	108	1	8
KABE3238	38	108	1	8
KABE3241	41	108	1	8
KABE3246	46	108	1	8
KABE3250	50	108	1	8
KABE3255	55	108	1	6
KABE3260	60	108	1	6
KABE3265	65	108	1	6
KABE3270	70	108	1	6

**6PT Flank Deep Impact Sockets**

CR-MO DIN 3121



SAE Black Phosphate Finished

DRIVE	ITEM NO.	SIZE (inch)	L (mm)	W (mm)	H (mm)
1/2" 12.5mm sq.	KBBE1610	5/16	78	10	80
	KBBE1612	3/8	78	10	80
	KBBE1614	7/16	78	10	80
	KBBE1616	1/2	78	10	80
	KBBE1618	9/16	78	10	80
	KBBE1620	5/8	78	10	80
	KBBE1622	11/16	78	10	40
	KBBE1624	3/4	78	10	40
	KBBE1626	13/16	78	10	40
	KBBE1628	7/8	78	10	40
	KBBE1630	15/16	78	10	40
	KBBE1632	1	78	10	40
KBBE1634	1-1/16	78	8	32	
KBBE1636	1-1/8	78	8	32	
KBBE1638	1-3/16	78	8	20	
KBBE1640	1-1/4	78	5	20	





**1" DR. Square Budd Wheel Impact Sockets (4PT)** (CR-MO) (DIN 3121)



DRIVE	ITEM NO.	SIZE (mm)	L (mm)	W (mm)	H (mm)
1"	KABM3217	17	57	2	16
	KABM3219	19	57	2	16
	KABM3221	21	57	2	16

**1/2" DR. Star Impact Sockets** (CR-MO) (DIN 3121)



DRIVE	ITEM NO.	SIZE (mm)	L (mm)	W (mm)	H (mm)
1/2"	KABK1610	E10	38	25	150
	KABK1612	E12	38	25	150
	KABK1614	E14	38	25	150
	KABK1616	E16	38	25	150
	KABK1618	E18	38	25	150
	KABK1620	E20	38	20	120
	KABK1624	E24	40	15	120

**7PCS 1/2" DR. Star Impact Socket Rail Set**



ITEM NO.	CONTENTS
GDAG0701	KABK1610-1624 E10, E12, E14, E16, E18, E20, E24

**Impact Universal Sockets** (CR-MO) (DIN 3121)



DRIVE	ITEM NO.	SIZE (mm)	L (mm)	W (mm)	H (mm)
3/8"	KABG1210	10	59	15	120
	KABG1211	11	59	15	120
	KABG1212	12	59	15	120
	KABG1213	13	59	15	120
	KABG1214	14	59	15	120
	KABG1215	15	59	15	120
	KABG1216	16	59	5	40
	KABG1217	17	59	5	40
	KABG1218	18	59	5	40
	KABG1219	19	59	5	40
	KABG1221	21	59	5	40
	KABG1222	22	59	5	40
1/2"	KABG1610	10	67	5	40
	KABG1611	11	67	5	40
	KABG1612	12	67	5	40
	KABG1613	13	67	5	40
	KABG1614	14	67	5	40
	KABG1615	15	67	5	40
	KABG1616	16	67	5	40
	KABG1617	17	67	5	40
	KABG1618	18	67	5	40
	KABG1619	19	67	5	40
KABG1621	21	67	5	40	
KABG1622	22	67	5	40	

**10PCS 3/8" DR. Impact Universal Socket Rail Set**



ITEM NO.	CONTENTS
GDAG1001	KABG1210-1219 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm

**10PCS 1/2" DR. Impact Universal Socket Rail Set**



ITEM NO.	CONTENTS
GDAG1002	KABG1610-1619 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm

**IMPACT UNIVERSAL SOCKETS**

**Star Bit Impact Sockets** (SNCM+V) (DIN 3121)



DRIVE	ITEM NO.	SIZE (mm)	L (mm)	W (mm)	H (mm)
3/8"	KADA1220	T20	52	25	200
	KADA1227	T27	52	25	200
	KADA1230	T30	52	25	200
	KADA1240	T40	52	25	200
	KADA1245	T45	52	25	200
	KADA1250	T50	52	25	200
	KADA1625	T25	60	25	200
	KADA1627	T27	60	25	200
	KADA1630	T30	60	25	200
	KADA1640	T40	60	25	200
1/2"	KADA1645	T45	60	25	200
	KADA1650	T50	60	25	200
	KADA1655	T55	60	25	200
	KADA1660	T60	60	25	200
	KADA1670	T70	60	25	200

**Hex Bit Impact Sockets** (SNCM+V) (DIN 3121)



DRIVE	ITEM NO.	SIZE (mm)	L (mm)	W (mm)	H (mm)
3/8"	KADH1203	3	52	25	200
	KADH1204	4	52	25	200
	KADH1205	5	52	25	200
	KADH1206	6	52	25	200
	KADH1207	7	52	25	200
	KADH1208	8	52	25	200
	KADH1210	10	52	25	200
	KADH1212	12	52	25	200
	KADH1604	4	60	25	200
	KADH1605	5	60	25	200
	KADH1606	6	60	25	200
	KADH1607	7	60	25	200
	KADH1608	8	60	25	200
	KADH1609	9	60	25	100
	KADH1610	10	60	25	100
	KADH1612	12	60	25	100
	KADH1614	14	60	25	100
	KADH1617	17	60	25	100
	KADH1619	19	60	20	80

**Impact Bit Holders** (CR-MO)



ITEM NO.	DRIVE (inch)	Hex Shank (mm)	L (mm)	W (mm)	H (mm)
KADC1208	3/8	1/4"	46	20	320
KADC1210	3/8	5/16"	46	20	320
KADC1608	1/2	1/4"	48	15	240
KADC1610	1/2	5/16"	48	15	240

**Impact Universal Joint** (CR-MO) (DIN 3121) (ISO 1174) (ASME B107.110)



- Provides 360 degrees of rotation at up to a 30 degree angle from vertical
- Metal ring improves torque bearing capacity, durability and safety

DRIVE	ITEM NO.	L (mm)	Dia (mm)	Type	W (mm)	H (mm)
3/8" (10mm)	KACN120B	48	23.8	Ball	15	240
1/2" (12.5mm)	KACN160B	62	28.0	Ball	15	120
3/4" (20mm)	KACN161B	64	31.0	Ball	15	120
1" (25mm)	KACN240P	93	45.0	Pin Hole	4	40
1" (25mm)	KACN320P	110	54.0	Pin Hole	1	8

**Impact Universal Joint** (CR-MO) (DIN 3121)



DRIVE	ITEM NO.	L (mm)	W (mm)	H (mm)
3/4" (20mm)	KACU2410	95	4	40
1" (25mm)	KACU3212	114	1	8

**3/4" DR. Star Bit Impact Sockets** (CR-MO) (DIN 3121)



DRIVE	ITEM NO.	SIZE (mm)	L (mm)	W (mm)	H (mm)
3/4"	KADA2470	T70	105	5	40
	KADA2480	T80	105	5	40
	KADA2490	T90	105	5	40
	KADA24A0	T100	105	5	40

**3/4" DR. Hex Bit Impact Sockets** (CR-MO) (DIN 3121)



DRIVE	ITEM NO.	SIZE (mm)	L (mm)	W (mm)	H (mm)
3/4"	KADH2414	14	105	5	40
	KADH2417	17	105	5	40
	KADH2419	19	105	5	40
	KADH2422	22	105	5	40
	KADH2424	24	105	5	40
KADH2427	27	105	5	40	

**7PCS 3/8" DR. Star Bit Impact Socket Rail Set**



ITEM NO.	CONTENTS
GDAG0703	KADA1220-1250 T20, T25, T27, T30, T40, T45, T50

**7PCS 3/8" DR. Hex Bit Impact Socket Rail Set**



ITEM NO.	CONTENTS
GDAG0702	KADH1204-1212 4, 5, 6, 7, 8, 10, 12 mm



**Impact Extension Bar**

CR-MO DIN 3121



DRIVE	ITEM NO.	SIZE (inch)	L (mm)	W (mm)	W (mm)
3/8" (10mm)	KACE1203	3	25	200	
	KACE1206	6	10	120	
	KACE1603	3	10	80	
1/2" (12.5mm)	KACE1605	5	10	80	
	KACE1610	10	5	40	
	KACE2404	4	2	32	
3/4" (20mm)	KACE2407	7	2	20	
	KACE2410	10	2	16	
	KACE2413	13	2	16	
1" (25mm)	KACE3207	7	2	16	
	KACE3210	10	2	12	
	KACE3213	13	2	12	

**Impact Adapter**

CR-MO DIN 3121



\* Pin Hole Type

DRIVE	ITEM NO.	SIZE	L (mm)	W (mm)	W (mm)
1" (25mm)	KACP3248	1" (F) x 1-1/2" (M)	90	2	16

**Impact Adapter**

CR-MO DIN 3121



**Impact Extension Bar with Quick Release**

CR-MO DIN 3121



DRIVE	ITEM NO.	SIZE (inch)	L (mm)	W (mm)	W (mm)
1/2" (12.5mm)	KACB1603	3	15	120	
	KACB1605	5	10	80	
	KACB1610	10	5	40	
3/4" (20mm)	KACB2407	7	2	24	
	KACB2413	13	2	12	
	KACB3207	7	2	8	
1" (25mm)	KACB3213	13	2	8	

**1/2" DR. Torque Extension Bar**

CR-MO DIN 3121

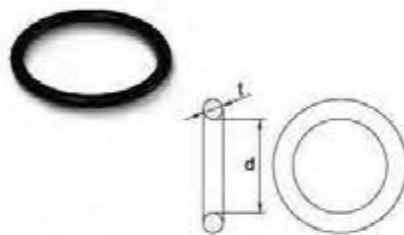


ITEM NO.	CAPACITY	COLOR	L (mm)	W (mm)
KACT1612	120 ft-lb / 160 Nm	Gray	10	80
KACT1613	130 ft-lb / 175 Nm	Brown	10	60
KACT1614	140 ft-lb / 190 Nm	White	10	60
KACT1615	150 ft-lb / 200 Nm	Aqua	10	60



**O-Ring**

DIN 3129



DRIVE	ITEM NO.	SIZE	d (mm)	t (mm)	W (mm)	W (mm)
3/8" (10mm)	KALO1212	8-12	13	3.5	50	800
	KALO1222	13-22	16	3.5	50	800
1/2" (12.5mm)	KALO1614	8-14	19	4	50	400
	KALO1632	15-32	24	4	50	400
3/4" (20mm)	KALO2448	17-46	36	5	50	400
1" (25mm)	KALO3270	19-80	45	7	50	200
1" (25mm)	KALO4895	85-95	76	10	20	80
		36-90				

**Pin**

DIN 3129



\* KALP1212-3270

\* KALP4895

DRIVE	ITEM NO.	SIZE (mm)	L (mm)	D (mm)	W (mm)	W (mm)
3/8" (10mm)	KALP1212	8-12	14	2.5	50	900
	KALP1222	13-22	16	2.5	50	900
1/2" (12.5mm)	KALP1614	8-14	20	3	50	900
	KALP1632	15-32	25	3	50	900
3/4" (20mm)	KALP2446	17-46	35	4	50	900
1" (25mm)	KALP3270	19-80	45	5	50	900
1" (25mm)	KALP4895	85-95	75	6	20	360
		36-90				



**Pro-Series Thin Wall Deep Impact Sockets with Plastic Sleeves**

- Made of Chrome Molybdenum Steel
- Deep thin wall allows easy access to recessed wheel nuts
- A protective metal ring design to ensure long-term use; Lifespan up to three times longer than standard impact sockets
- Color coding protection sleeves for easy size identification and protect the rims and aluminum alloy from scratches
- Resin cap insert protect lug nuts and bolts to against impact damage
- Torque tested up to 500 Nm



DRIVE	ITEM NO.	SIZE (mm)	L (mm)	COLOR	W (mm)	W (mm)
1/2" (12.5mm sq)	KABP1615	15	86	Purple	20	80
	KABP1617	17	86	Blue	20	80
	KABP1619	19	86	Yellow	20	80
	KABP1621	21	86	Red	20	80
	KABP1622	22	86	Green	20	80

**1/2" DR. 6PT Flank Thin Wall Deep Impact Sockets with Plastic Sleeves**

CR-MO DIN 3121



DRIVE	ITEM NO.	SIZE (mm)	L (mm)	COLOR	W (mm)	W (mm)
1/2" (12.5mm sq)	KBBC1626	13/16	86	White	20	80

**1/2" DR. 6PT Flank Extra Long Thin Wall Deep Impact Sockets with Plastic Sleeves**

CR-MO DIN 3121



DRIVE	ITEM NO.	SIZE (mm)	L (mm)	COLOR	W (mm)	W (mm)
1/2" (12.5mm sq)	KABL1617	17	150	Blue	5	40
	KABL1619	19	150	Green	5	40
	KABL1621	21	150	Red	5	40

**3PCS 1/2" DR. 6PT Flank Pro-Series Thin Wall Deep Impact Socket Set**



ITEM NO.	GDA50301
CONTENTS	10 (SET)
* KABP1617-1621	
O 1/2" Dr. 6PT Flank Pro-Series Thin Wall Deep Impact Sockets with Plastic Sleeves 17, 19, 21 mm	

**5PCS 1/2" DR. 6PT Flank Pro-Series Thin Wall Deep Impact Socket Set**



ITEM NO.	GDAI0503
CONTENTS	10 (SET)
* KABP1615-1622	
O 1/2" Dr. 6PT Flank Pro-Series Thin Wall Deep Impact Sockets with Plastic Sleeves 15, 17, 19, 21, 22 mm	
BLOW CASE: W172 x D126 x H50 (mm)	

**3PCS 1/2" DR. 6PT Flank Extra Long Thin Wall Deep Impact Socket Set**



ITEM NO.	GDAI0304
CONTENTS	10 (SET)
* KABL1617-1621	
O 1/2" Dr. 6PT Flank Extra Long Thin Wall Deep Impact Sockets with Plastic Sleeves 17, 19, 21 mm	
BLOW CASE: W172 x D126 x H50 (mm)	





**27PCS**  
1/2" DR. Flank Impact Socket Set (CR-MO)  
1/2"



ITEM NO. **GCAI2701**  
CONTENTS 4 (SET)  
17 **KABA1610-1632**  
1/2" Dr. 6PT Flank Impact Sockets  
10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30, 32 mm  
1 **KACE1605**  
1/2" Dr. Impact Extension Bar - 5" (L)  
1 **KACN160B**  
1/2" Dr. Impact Universal Joint  
2 **KALP1614**  
Pin - Size (8-14 mm)  
3 **KALP1632**  
Pin - Size (15-32 mm)  
2 **KALO1614**  
O-Ring - Size (8-14 mm)  
2 **KALO1632**  
O-Ring - Size (15-32 mm)  
BLOW CASE: W392 x D210 x H88 (mm)

**7PCS**  
3/8" DR. Hex Bit Impact Socket Set (SNCM+V)  
3/8"



ITEM NO. **GDAI0704**  
CONTENTS 12 (SET)  
7 **KADH1204-1212**  
3/8" Dr. Hex Bit Impact Sockets  
4, 5, 6, 7, 8, 10, 12 mm  
BLOW CASE: W200 x D105 x H35 (mm)

**7PCS**  
3/8" DR. Star Bit Impact Socket Set (SNCM+V)  
3/8"



ITEM NO. **GDAI0703**  
CONTENTS 12 (SET)  
7 **KADA1220-1250**  
3/8" Dr. Star Bit Impact Sockets  
T20, T25, T27, T30, T40, T45, T50  
BLOW CASE: W200 x D105 x H35 (mm)

**7PCS**  
1/2" DR. Hex Bit Impact Socket Set (SNCM+V)  
1/2"



ITEM NO. **GDAI0702**  
CONTENTS 18 (SET)  
7 **KADH1604-1614**  
1/2" Dr. Hex Bit Impact Sockets  
4, 5, 6, 8, 10, 12, 14 mm  
BLOW CASE: W250 x D120 x H40 (mm)

**7PCS**  
1/2" DR. Star Bit Impact Socket Set (SNCM+V)  
1/2"



ITEM NO. **GDAI0701**  
CONTENTS 18 (SET)  
7 **KADA1630-1670**  
1/2" Dr. Star Bit Impact Sockets  
T30, T40, T45, T50, T55, T60, T70  
BLOW CASE: W250 x D120 x H40 (mm)

**8PCS**  
3/4" DR. 6PT Flank Impact Socket Set (CR-MO)  
3/4"



ITEM NO. **GDAI0802**  
CONTENTS 3 (SET)  
8 **KABA2422-2438**  
3/4" Dr. 6PT Flank Impact Sockets  
22, 24, 27, 30, 32, 33, 36, 38 mm  
BLOW CASE: W452 x D119 x H64 (mm)

**8PCS**  
3/4" DR. 6PT Flank Deep Impact Socket Set (CR-MO)  
3/4"



ITEM NO. **GDAI0804**  
CONTENTS 3 (SET)  
8 **KABE2422-2438**  
3/4" Dr. 6PT Flank Deep Impact Sockets  
22, 24, 27, 30, 32, 33, 36, 38 mm  
BLOW CASE: W452 x D119 x H64 (mm)

**8PCS**  
3/8" DR. 6PT Flank Deep Impact Socket Set (CR-MO)  
3/8"



ITEM NO. **GDAD0808**  
CONTENTS 10 (SET)  
8 **KABE1208-1219**  
3/8" Dr. 6PT Flank Deep Impact Sockets  
8, 10, 11, 12, 13, 14, 17, 19 mm  
METAL CASE: W197 x D103 x H33 (mm)

**10PCS**  
1/2" DR. 6PT Flank Impact Socket Set (METRIC) (CR-MO)  
1/2"



ITEM NO. **GDAD1001**  
CONTENTS 16 (SET)  
10 **KABA1610-1624**  
1/2" Dr. 6PT Flank Impact Sockets  
10, 11, 12, 13, 14, 17, 19, 21, 22, 24 mm  
METAL CASE: W303 x D45 x H47 (mm)

**10PCS**  
1/2" DR. 6PT Flank Impact Socket Set (SAE) (CR-MO)  
1/2"



ITEM NO. **GEAD1001**  
CONTENTS 16 (SET)  
10 **KBBA1614-1632**  
1/2" Dr. 6PT Flank Impact Sockets  
7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"  
METAL CASE: W303 x D45 x H47 (mm)

**12PCS**  
3/8" DR. 6PT Flank Deep Impact Socket Set (CR-MO)  
3/8"



ITEM NO. **GDAD1201**  
CONTENTS 8 (SET)  
12 **KABE1208-1219**  
3/8" Dr. 6PT Flank Deep Impact Sockets  
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm  
METAL CASE: W313 x D111 x H38 (mm)

**10PCS**  
1/2" DR. 6PT Flank Deep Impact Socket Set (METRIC) (CR-MO)  
1/2"



ITEM NO. **GDAD1002**  
CONTENTS 8 (SET)  
10 **KABE1610-1624**  
1/2" Dr. 6PT Flank Deep Impact Sockets  
10, 11, 12, 13, 14, 17, 19, 21, 22, 24 mm  
METAL CASE: W313 x D111 x H38 (mm)

**10PCS**  
1/2" DR. 6PT Flank Deep Impact Socket Set (SAE) (CR-MO)  
1/2"



ITEM NO. **GEAD1002**  
CONTENTS 8 (SET)  
10 **KBBA1614-1632**  
1/2" Dr. 6PT Flank Deep Impact Sockets  
7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"  
METAL CASE: W313 x D111 x H38 (mm)



**18PCS**  
1/2" DR. 6PT Flank Impact Socket Set (CR-MO)  
1/2"



ITEM NO. **GCAI1807**  
CONTENTS 6 (SET)  
17 **KABA1610-1632**  
1/2" Dr. 6PT Flank Impact Sockets  
10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30, 32 mm  
1 **KACE1605**  
1/2" Dr. Impact Extension Bar - 5" (L)  
METAL CASE: W370 x D154 x H50 (mm)

**32PCS**  
1/2" DR. Flank Impact Socket Set (CR-MO)  
1/2"



ITEM NO. **GDAI3201**  
CONTENTS 3 (SET)  
18 **KABA1608-1632**  
1/2" Dr. 6PT Flank Impact Sockets  
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32 mm  
12 **KABE1612-1632**  
1/2" Dr. 6PT Flank Deep Impact Sockets  
12, 13, 14, 16, 17, 19, 21, 22, 24, 27, 30, 32 mm  
1 **KACE1605**  
1/2" Dr. Impact Extension Bar - 5" (L)  
1 **KACN160B**  
1/2" Dr. Impact Universal Joint  
METAL CASE: W445 x D188 x H50 (mm)



**15PCS**  
1/2" DR. 6PT Flank Impact Socket Set (CR-MO)  
1/2"



Black Phosphate Finished  
ITEM NO. **GDAD1501**  
CONTENTS 6 (SET)  
15 KABA1610-1624  
1/2" Dr. 6PT Flank Impact Sockets  
10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22,  
23, 24 mm  
METAL CASE: W240 x D110 x H50 (mm)

**14PCS**  
1/2" DR. 6PT Flank Impact Socket Set (CR-MO)  
1/2"



Black Phosphate Finished  
ITEM NO. **GFAD1401**  
CONTENTS 6 (SET)  
14 KBBA1612-1640  
1/2" Dr. 6PT Flank Impact Sockets  
3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16",  
7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"  
METAL CASE: W240 x D110 x H50 (mm)

**9PCS**  
1" DR. Flank Impact Socket Set (CR-MO)  
1"



Black Phosphate Finished  
ITEM NO. **GDAD0901**  
CONTENTS 3 (SET)  
9 KABA3224-3241  
1" Dr. 6PT Flank Impact Sockets  
24, 27, 32, 36, 38, 41 mm  
9 KABM3217-3221  
1" Dr. Square Budd Wheel Impact Sockets (4PT)  
17, 19, 21 mm  
METAL CASE: W278 x D128 x H75 (mm)

**8PCS**  
1" DR. 6PT Flank Impact Socket Set (CR-MO)  
1"



Black Phosphate Finished  
ITEM NO. **GDAD0803**  
CONTENTS 3 (SET)  
8 KABA3224-3241  
1" Dr. 6PT Flank Impact Sockets  
24, 27, 30, 32, 33, 36, 38, 41 mm  
METAL CASE: W278 x D128 x H75 (mm)

**8PCS**  
3/4" DR. 6PT Flank Impact Socket Set (CR-MO)  
3/4"



Black Phosphate Finished  
ITEM NO. **GDAD0805**  
CONTENTS 4 (SET)  
8 KABA2419-2436  
3/4" Dr. 6PT Flank Impact Sockets  
19, 22, 24, 27, 30, 32, 34, 36 mm  
METAL CASE: W410 x D64 x H60 (mm)

**8PCS**  
3/4" DR. 6PT Flank Impact Socket Set (CR-MO)  
3/4"



Black Phosphate Finished  
ITEM NO. **GDAD0801**  
CONTENTS 4 (SET)  
8 KABA2426-2436  
3/4" Dr. 6PT Flank Impact Sockets  
26, 27, 29, 30, 32, 35, 36, 38 mm  
METAL CASE: W410 x D64 x H60 (mm)

**8PCS**  
3/4" DR. 6PT Flank Impact Socket Set (CR-MO)  
3/4"



Black Phosphate Finished  
ITEM NO. **GDAD0806**  
CONTENTS 4 (SET)  
8 KABA2422-2441  
3/4" Dr. 6PT Flank Impact Sockets  
22, 24, 27, 30, 32, 36, 38, 41 mm  
METAL CASE: W410 x D64 x H60 (mm)

**8PCS**  
3/4" DR. 6PT Flank Deep Impact Socket Set (CR-MO)  
3/4"



Black Phosphate Finished  
ITEM NO. **GDAD0807**  
CONTENTS 2 (SET)  
8 KABE2422-2438  
3/4" Dr. 6PT Flank Deep Impact Sockets  
22, 24, 27, 30, 32, 34, 36, 38 mm  
METAL CASE: W430 x D103 x H70 (mm)

**8PCS**  
3/4" DR. 6PT Flank Deep Impact Socket Set (CR-MO)  
3/4"



Black Phosphate Finished  
ITEM NO. **GDAD0802**  
CONTENTS 2 (SET)  
8 KABE2426-2438  
3/4" Dr. 6PT Flank Deep Impact Sockets  
26, 27, 29, 30, 32, 35, 36, 38 mm  
METAL CASE: W430 x D103 x H70 (mm)

**8PCS**  
1" DR. 6PT Flank Deep Impact Socket Set (CR-MO)  
1"



Black Phosphate Finished  
ITEM NO. **GDAD0804**  
CONTENTS 2 (SET)  
8 KABE3224-3241  
1" Dr. 6PT Flank Deep Impact Sockets  
24, 27, 30, 32, 33, 36, 38, 41 mm  
METAL CASE: W460 x D128 x H80 (mm)

Super Duty Air Ratchet Wrench



**1/4" DR.**  
Mini Super Duty Air Ratchet Wrench  
• Rear Exhaust with Muffler



ITEM NO.	KAAE0802	20
<b>SPECIFICATIONS</b>		
Max. Torque	30 ft-lb / 41 Nm	
Free Speed	350 RPM	
Air Pressure	90 PSI / 6.2 BAR	
Air Consumption	2.24 CFM	
Air Inlet	1/4" PT	
Min. Air Hose	5/16" I.D.	
Overall Length	5-7/8" / 130 mm	
Net Weight	0.99 lbs / 0.45 kgs	

**3/8" DR.**  
Mini Super Duty Air Impact Ratchet Wrench  
• Impact Mechanism : Unicorn Hammer  
• Rear Exhaust with Muffler



ITEM NO.	KAAP1205	30
<b>SPECIFICATIONS</b>		
Max. Torque	50 ft-lb / 68 Nm	
Free Speed	700 RPM	
Air Pressure	90 PSI / 6.2 BAR	
Air Consumption	3.1 CFM	
Air Inlet	1/4" PT	
Min. Air Hose	3/8" I.D.	
Overall Length	6-1/2" / 164 mm	
Net Weight	1.32 lbs / 0.6 kgs	

**3/8" DR.**  
Mini Super Duty Air Ratchet Wrench  
• Rear Exhaust with Muffler



ITEM NO.	KAAE1202	20
<b>SPECIFICATIONS</b>		
Max. Torque	30 ft-lb / 41 Nm	
Free Speed	350 RPM	
Air Pressure	90 PSI / 6.2 BAR	
Air Consumption	2.24 CFM	
Air Inlet	1/4" PT	
Min. Air Hose	5/16" I.D.	
Overall Length	5-7/8" / 130 mm	
Net Weight	0.99 lbs / 0.45 kgs	

**3/8" DR.**  
Super Duty Air Ratchet Wrench  
• Rear Exhaust with Muffler



ITEM NO.	KAAF1205	10
<b>SPECIFICATIONS</b>		
Max. Torque	75 ft-lb / 102 Nm	
Free Speed	160 RPM	
Air Pressure	90 PSI / 6.2 BAR	
Air Consumption	3.92 CFM	
Air Inlet	1/4" PT	
Min. Air Hose	5/16" I.D.	
Overall Length	10-1/2" / 266 mm	
Net Weight	2.64 lbs / 1.2 kgs	

**3/8" DR.**  
Mini Super Duty Air Impact Wrench  
• Handle Exhaust with Muffler



ITEM NO.	KAAG1206	12
<b>SPECIFICATIONS</b>		
Max. Torque	60 ft-lb / 81 Nm	
Free Speed	11000 RPM	
Air Pressure	90 PSI / 6.2 BAR	
Air Consumption	1.76 CFM	
Air Inlet	1/4" PT	
Min. Air Hose	3/8" I.D.	
Overall Length	5-29/32" / 150 mm	
Net Weight	1.56 lbs / 0.71 kgs	

**1/2" DR.**  
Super Duty Air Ratchet Wrench  
• Rear Exhaust with Muffler



ITEM NO.	KAAF1605	10
<b>SPECIFICATIONS</b>		
Max. Torque	75 ft-lb / 102 Nm	
Free Speed	160 RPM	
Air Pressure	90 PSI / 6.2 BAR	
Air Consumption	3.92 CFM	
Air Inlet	1/4" PT	
Min. Air Hose	5/16" I.D.	
Overall Length	10-1/2" / 266 mm	
Net Weight	2.64 lbs / 1.2 kgs	



**TOPTUL**  
**Super Duty Air Ratchet Wrench**

- Rotary Exhaust with Muffler



**3/8" DR.**  
Super Duty Air Ratchet Wrench  
• Rear Exhaust with Muffler



ITEM NO.	KAAF1204
<b>SPECIFICATIONS</b>	30
Max. Torque	40 ft-lb / 54 Nm
Free Speed	270 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	2.8 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	8-1/16" / 205 mm
Net Weight	1.45 lbs / 0.66 kgs

**1/2" DR.**  
Super Duty Air Ratchet Wrench  
• Rotary Exhaust with Muffler



ITEM NO.	KAAF1608
<b>SPECIFICATIONS</b>	12
Max. Torque	80 ft-lb / 108 Nm
Free Speed	280 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	4 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	10-29/32" / 277 mm
Net Weight	2.7 lbs / 1.23 kgs

**1/2" DR.**  
Super Duty Air Ratchet Wrench  
• Rotary Exhaust with Muffler



ITEM NO.	KAAF1610
<b>SPECIFICATIONS</b>	12
Max. Torque	100 ft-lb / 136 Nm
Free Speed	225 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	4 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	12-13/32" / 315 mm
Net Weight	3.39 lbs / 1.54 kgs

**TOPTUL**  
**Super Duty Air Impact Ratchet Wrench**

- Impact Mechanism : Unicorn Hammer
- Front Exhaust with Muffler



High R.P.M. design enables ratchet to shorten 2 x operating time for reaching high instant torque.

**KAAL1610**  
**1/2" DR.**



• Powerful & High R.P.M. - type

ITEM NO.	KAAL1610
<b>SPECIFICATIONS</b>	12
Max. Torque	100 ft-lb / 136 Nm
Free Speed	600 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	4 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	11-7/8" / 301 mm
Net Weight	3.97 lbs / 1.8 kgs

**KAAL1612**  
**1/2" DR.**



• Powerful & High R.P.M. - type

ITEM NO.	KAAL1612
<b>SPECIFICATIONS</b>	10
Max. Torque	120 ft-lb / 163 Nm
Free Speed	600 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	4.2 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	13-3/4" / 350 mm
Net Weight	4.14 lbs / 1.88 kgs



# Super Duty Air Impact Wrench



**EXCLUSIVE & UNIQUE PRODUCT**

*Ideal for  
Automotive & Industrial*

**TOPTUL**

- Impact Mechanism : Jumbo Hammer
- Handle Exhaust with Muffler

## KAAX1235

3/8" DR.



**350  
FT-LBS**

ITEM NO.	KAAX1235
<b>SPECIFICATIONS</b>	
Max. Torque	350 ft-lb / 475 Nm
Free Speed	8000 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	4.5 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	5-5/16" / 135 mm
Net Weight	3.96 lbs / 1.8 kgs

- Impact Mechanism : Twin Hammer
- Handle Exhaust with Muffler

## KAAX1650

1/2" DR.



**500  
FT-LBS**

ITEM NO.	KAAX1650
<b>SPECIFICATIONS</b>	
Max. Torque	500 ft-lb / 678 Nm
Free Speed	10000 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	5.6 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	5-45/64" / 145 mm
Net Weight	4.18 lbs / 1.9 kgs

- Impact Mechanism : Twin Hammer
- Handle Exhaust with Muffler

## KAAX1660

1/2" DR.



**600  
FT-LBS**

ITEM NO.	KAAX1660
<b>SPECIFICATIONS</b>	
Max. Torque	600 ft-lb / 813 Nm
Free Speed	10000 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	5.6 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	6-3/4" / 171 mm
Net Weight	4.23 lbs / 1.92 kgs



**TOPTUL**

# Super Duty Air Impact Wrench

- Impact Mechanism : Jumbo Hammer
- Handle Exhaust with Muffler

**Short Barrel Model**  
Easier to operate in confined spaces.

**Durable & Long Life Anvil**  
High quality material made durable anvil with special heat treatment.

**Jumbo Hammer Impact Mechanism**  
Super duty designed impact mechanism extends and ensures maximum tool life.

**End Cap Slider Guide Trigger**  
Easy operation design.



**Air Regulator**  
3-position power setting for both forward and reverse directions.



**One-Hand Switch Knob (Changeable Type)**  
F/R operation design with changeable knob and suitable for both left and right handed users.

**Unique Designed Air Inlet**  
360 adjustable air inlet prevents the hose from damage.

**Handle Exhaust with Muffler**  
Reduces noise level and discharge air away from working area.

**KAAR1650**



**500 FT-LBS**

**Powerful, Lightweight & Short Barrel Model**

ITEM NO. KAAR1650	
<b>SPECIFICATIONS</b>	
Max. Torque	500 ft-lb / 678 Nm
Free Speed	9500 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	5 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	4-5/16" / 109 mm
Net Weight	2.92 lbs / 1.32 kgs

1/2" DR.

**TOPTUL**

# Super Duty Air Impact Wrench

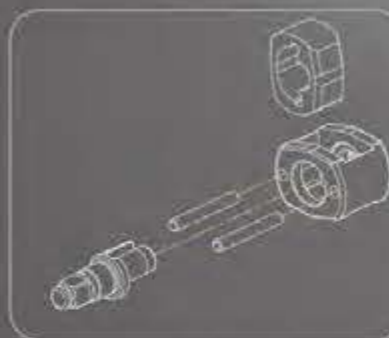
- Impact Mechanism : Jumbo Hammer
- Handle Exhaust with Muffler

**Super Short Barrel Model**  
Easier to operate in confined spaces.

**Durable & Long Life Anvil**  
High quality material made durable anvil with special heat treatment.

**Jumbo Hammer Impact Mechanism**  
Super duty designed impact mechanism extends and ensures maximum tool life.

**End Cap Slider Guide Trigger**  
Easy operation design.



**Handle Exhaust with Muffler**  
Reduces noise level and discharge air away from working area.



**Air Regulator**  
4-position power setting  
Forward: 3 speed  
Reverse: 1 speed

**Improved Air Inlet**  
Effectively reduces the damage of thread.

**KAAQ1650**



**500 FT-LBS**

**Powerful, Lightweight & Super Short Barrel Model**

ITEM NO. KAAQ1650	
<b>SPECIFICATIONS</b>	
Max. Torque	500 ft-lb / 678 Nm
Free Speed	9500 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	4.7 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	3-13/16" / 97 mm
Net Weight	3.64 lbs / 1.65 kgs

1/2" DR.



**3/8" DR.**  
Super Duty Air Impact Wrench  
• Impact Mechanism : Jumbo Hammer  
• Handle Exhaust with Muffler



ITEM NO.	KAAA1220
SPECIFICATIONS	
Max. Torque	200 ft-lb / 271 Nm
Free Speed	10000 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	2.5 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	5-1/2" / 139 mm
Net Weight	3.00 lbs / 1.36 kgs

**1/2" DR.**  
Super Duty Air Impact Wrench  
• Impact Mechanism : Jumbo Hammer  
• Handle Exhaust with Muffler



ITEM NO.	KAAA1620
SPECIFICATIONS	
Max. Torque	200 ft-lb / 271 Nm
Free Speed	10000 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	2.5 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	5-1/2" / 139 mm
Net Weight	3.00 lbs / 1.36 kgs

**1/2" DR.**  
Super Duty Air Impact Wrench  
• Impact Mechanism : Twin Hammer  
• Front Exhaust



5-Position Forward & Reverse Power Setting

ITEM NO.	KAAA1650B
SPECIFICATIONS	
Max. Torque	500 ft-lb / 678 Nm
Free Speed	8000 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	4 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	7-5/64" / 180 mm
Net Weight	5.73 lbs / 2.60 kgs

**1/2" DR.**  
Super Duty Air Impact Wrench  
• Impact Mechanism : New Twin Hammer  
• Handle Exhaust with Muffler



ITEM NO.	KAAA1660
SPECIFICATIONS	
Max. Torque	700 ft-lb / 949 Nm
Free Speed	8500 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	4.4 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	7-1/2" / 191 mm
Net Weight	6.24 lbs / 2.83 kgs

**1/2" DR.**  
Super Duty Air Impact Wrench  
• Impact Mechanism : Twin Hammer  
• Front Exhaust



5-Position Forward & Reverse Power Setting

ITEM NO.	KAAA1660B
SPECIFICATIONS	
Max. Torque	600 ft-lb / 814 Nm
Free Speed	8000 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	4 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	7-13/32" / 188 mm
Net Weight	5.73 lbs / 2.60 kgs



**TOPTUL**  
**Super Duty Air Impact Wrench**

- Impact Mechanism : Twin Hammer
- Handle Exhaust with Muffler

High-performance



- Durable Aluminum Housing**  
Super strong aluminum die-casting housing for maximum durability and tool life.
- Durable & Long Life Anvil**  
High quality material made durable anvil with special heat treatment.
- Air Regulator**  
5-position power setting for both forward and reverse directions.
- Twin Hammer Impact Mechanism**  
Well-balanced design impact mechanism. Powerful and high torque output.
- Handle Exhaust with Muffler**  
Reduces noise level and discharge air away from working area.

KAAA1640

1/2" DR



ITEM NO.	KAAA1640
SPECIFICATIONS	
Max. Torque	600 ft-lb / 813 Nm
Free Speed	8000 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	4 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	7-1/2" / 191 mm
Net Weight	5.78 lbs / 2.62 kgs



## AIR TOPTUL Impact Wrench

For Automotive Repairs & Maintenance



Manufacturer's Limited Warranty

All AIR TOPTUL Serial pneumatic tools are provided with complete service and product warranty to the product that manufactured by TOPTUL and sold by it's worldwide authorized dealers.

TOPTUL professional air tools, unless otherwise specified, are unconditionally guaranteed against defects in materials and workmanship for the life of the tool, excluding any other inappropriate operation, modification or repair.

**1/2" DR.**  
Long Anvil Super Duty Air Impact Wrench  
• Impact Mechanism : Twin Hammer  
• Handle Exhaust with Muffler



ITEM NO.	KAAB1640
<b>SPECIFICATIONS</b>	
Max. Torque	400 ft-lb / 542 Nm
Free Speed	8000 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	4 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	9-17/32" / 242 mm
Net Weight	6.02 lbs / 2.73 kgs

**1/2" DR.**  
Long Anvil Super Duty Air Impact Wrench  
• Impact Mechanism : New Twin Hammer  
• Handle Exhaust with Muffler



ITEM NO.	KAAB1660
<b>SPECIFICATIONS</b>	
Max. Torque	600 ft-lb / 813 Nm
Free Speed	6500 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	4.4 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	9-11/16" / 246 mm
Net Weight	6.50 lbs / 2.95 kgs

**3/4" DR.**  
Super Duty Air Impact Wrench  
• Impact Mechanism : New Twin Hammer  
• Handle Exhaust with Muffler



ITEM NO.	KAAA2460
<b>SPECIFICATIONS</b>	
Max. Torque	600 ft-lb / 813 Nm
Free Speed	6300 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	4.4 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	8-5/32" / 207 mm
Net Weight	6.39 lbs / 2.90 kgs

**3/4" DR.**  
Long Anvil Super Duty Air Impact Wrench  
• Impact Mechanism : New Twin Hammer  
• Handle Exhaust with Muffler



ITEM NO.	KAAB2460
<b>SPECIFICATIONS</b>	
Max. Torque	600 ft-lb / 813 Nm
Free Speed	6300 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	4.4 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	10-1/2" / 260 mm
Net Weight	6.81 lbs / 3.09 kgs

**3/4" DR.**  
Super Duty Air Impact Wrench  
• Impact Mechanism : New Twin Hammer  
• Handle Exhaust with Muffler



ITEM NO.	KAAA2475
<b>SPECIFICATIONS</b>	
Max. Torque	750 ft-lb / 1016 Nm
Free Speed	6500 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	7 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	9-7/32" / 234 mm
Net Weight	9.83 lbs / 4.46 kgs

**1" DR.**  
Super Duty Air Impact Wrench  
• Impact Mechanism : New Twin Hammer  
• Side Exhaust with Muffler  
• Inside Trigger



ITEM NO.	KAAA321808
<b>SPECIFICATIONS</b>	
Max. Torque	1800 ft-lb / 2440 Nm
Free Speed	4000 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	9 CFM
Air Inlet	1/2" PT
Min. Air Hose	3/4" I.D.
Overall Length	14-15/16" / 380 mm
Net Weight	24.71 lbs / 11.21 kgs

**1" DR.**  
Super Duty Air Impact Wrench  
• Impact Mechanism : New Twin Hammer  
• Side Exhaust with Muffler  
• Outside Trigger



ITEM NO.	KAAA321809
<b>SPECIFICATIONS</b>	
Max. Torque	1800 ft-lb / 2440 Nm
Free Speed	4000 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	9 CFM
Air Inlet	1/2" PT
Min. Air Hose	3/4" I.D.
Overall Length	15-11/32" / 390 mm
Net Weight	24.89 lbs / 11.29 kgs

**3/4" DR.**  
Long Anvil Super Duty Air Impact Wrench  
• Impact Mechanism : New Twin Hammer  
• Handle Exhaust with Muffler



ITEM NO.	KAAB2475
<b>SPECIFICATIONS</b>	
Max. Torque	750 ft-lb / 1016 Nm
Free Speed	6500 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	7 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	13-1/2" / 343 mm
Net Weight	10.81 lbs / 4.90 kgs

**1" DR.**  
Long Anvil Super Duty Air Impact Wrench  
• Impact Mechanism : New Twin Hammer  
• Side Exhaust with Muffler  
• Inside Trigger



ITEM NO.	KAAB321808
<b>SPECIFICATIONS</b>	
Max. Torque	1800 ft-lb / 2440 Nm
Free Speed	4000 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	9 CFM
Air Inlet	1/2" PT
Min. Air Hose	3/4" I.D.
Overall Length	20-1/16" / 510 mm
Net Weight	27.18 lbs / 12.33 kgs

**1" DR.**  
Long Anvil Super Duty Air Impact Wrench  
• Impact Mechanism : New Twin Hammer  
• Side Exhaust with Muffler  
• Outside Trigger



ITEM NO.	KAAB321809
<b>SPECIFICATIONS</b>	
Max. Torque	1800 ft-lb / 2440 Nm
Free Speed	4000 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	9 CFM
Air Inlet	1/2" PT
Min. Air Hose	3/4" I.D.
Overall Length	20-1/4" / 515 mm
Net Weight	27.27 lbs / 12.37 kgs



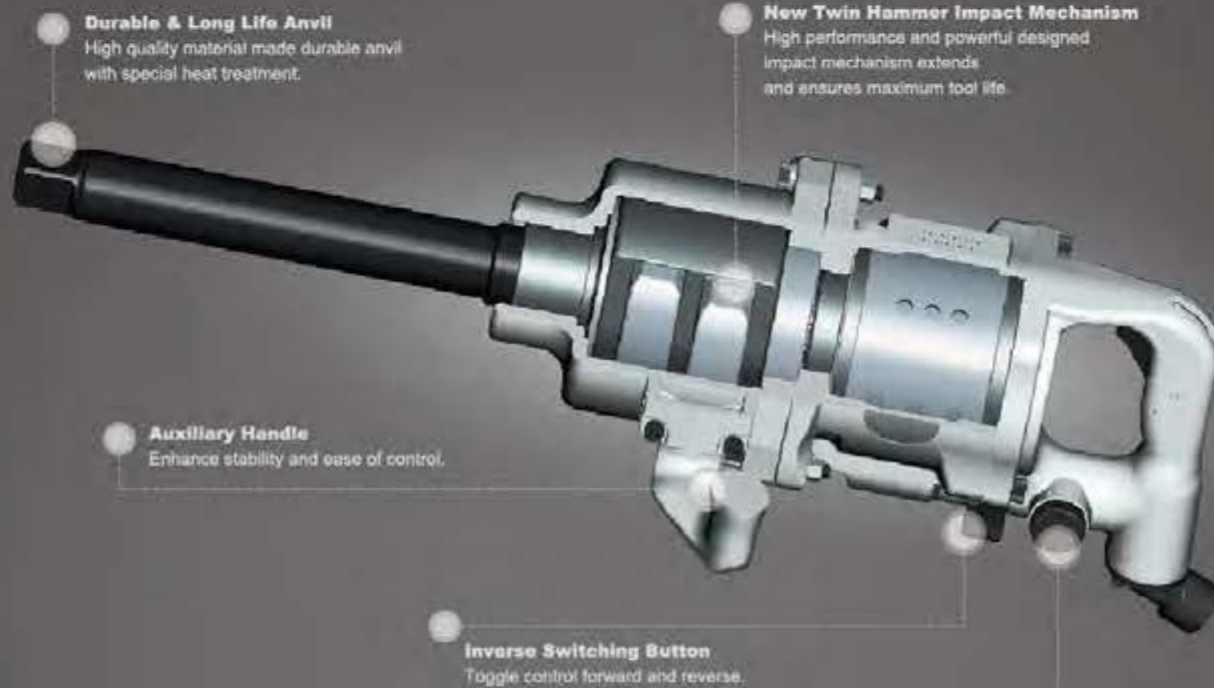
## TOPTUL AIR IMPACT WRENCH SERIES



**TOPTUL®**

## Long Anvil Super Duty Air Impact Wrench

- Impact Mechanism : New Twin Hammer
- Side Exhaust with Muffler
- Inside Trigger



**Durable & Long Life Anvil**

High quality material made durable anvil with special heat treatment.

**New Twin Hammer Impact Mechanism**

High performance and powerful designed impact mechanism extends and ensures maximum tool life.

**Auxiliary Handle**

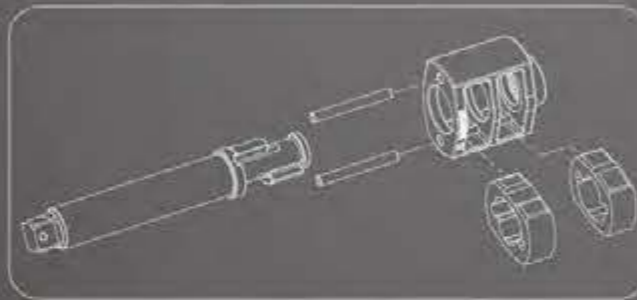
Enhance stability and ease of control.

**Inverse Switching Button**

Toggle control forward and reverse.

**Air Regulator**

4-position power setting.



High-performance

**KAAB3225**



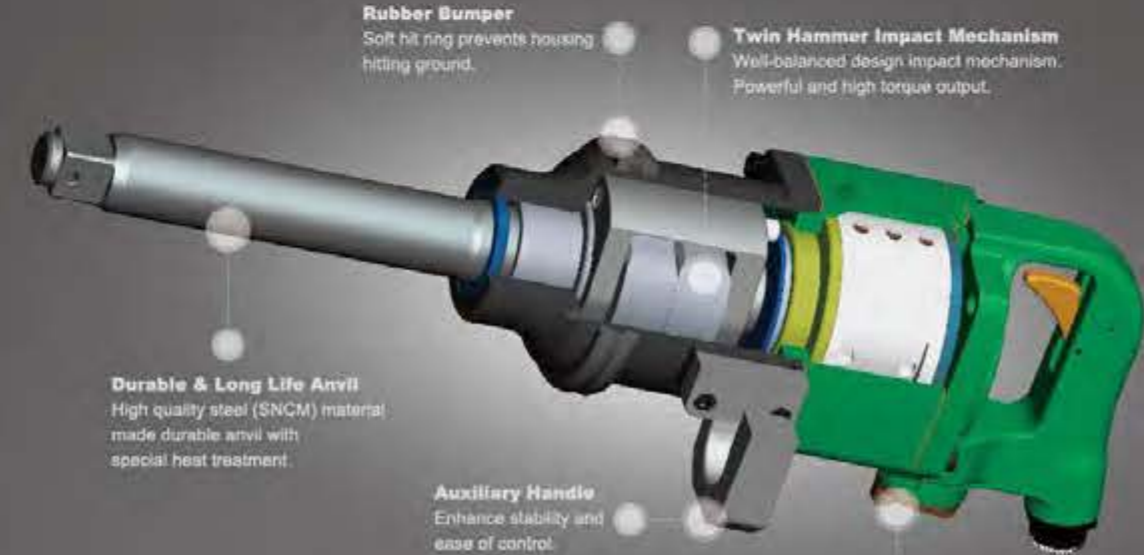
1" DR.

ITEM NO.	KAAB3225	1
<b>SPECIFICATIONS</b>		
Max. Torque	2500 ft-lb / 3390 Nm	
Free Speed	3000 RPM	
Air Pressure	90 PSI / 6.2 BAR	
Air Consumption	14.5 CFM	
Air Inlet	1/2" PT	
Min. Air Hose	3/4" I.D.	
Overall Length	25" / 634 mm	
Net Weight	37.04 lbs / 16.8 kgs	

**TOPTUL®**

## Long Anvil Super Duty Air Impact Wrench

- Impact Mechanism : Twin Hammer
- Side Exhaust
- Inside Trigger



**Rubber Bumper**

Soft hit ring prevents housing hitting ground.

**Twin Hammer Impact Mechanism**

Well-balanced design impact mechanism. Powerful and high torque output.

**Durable & Long Life Anvil**

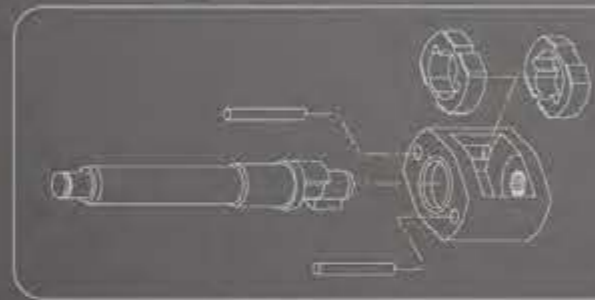
High quality steel (SNCM) material made durable anvil with special heat treatment.

**Auxiliary Handle**

Enhance stability and ease of control.

**Air Regulator**

2-position power setting for both forward and reverse directions.



High-performance

**KAAB3226**



1" DR.

ITEM NO.	KAAB3226	2
<b>SPECIFICATIONS</b>		
Max. Torque	2600 ft-lb / 3520 Nm	
Free Speed	3000 RPM	
Air Pressure	90 PSI / 6.2 BAR	
Air Consumption	14 CFM	
Air Inlet	1/2" PT	
Min. Air Hose	3/4" I.D.	
Overall Length	22-5/8" / 575 mm	
Net Weight	26.31 lbs / 12.84 kgs	



**10PCS**  
1/2" DR. Super Duty Air Impact Wrench Set  
1/2"



ITEM NO.	GDAI1001E	3 (SET)
<b>CONTENTS</b>		
1	KAQA1650	1/2" Dr. Super Duty Air Impact Wrench (500 ft-lb / 678 Nm)
2	KABA1613-1624	1/2" Dr. 6PT Flank Impact Sockets 13, 17, 19, 21, 22, 24 mm
3	KALB1501	Oil Pot - 15 c.c.
4	KALA0815	1/4" Mini Oiler
5	KALC081E (Item No. GDAI1001E)	1/4" Air Nipple (European Type)
6	KALC082J (Item No. GDAI1001J)	1/4" Air Nipple (Japanese Type)
<b>BLOW CASE: W392 x D210 x H85 (mm)</b>		

**20PCS**  
1/2" DR. Air Impact Wrench Set  
• Heavy duty 1/2 S.Q. twin hammer mechanism air impact wrench, front exhaust (Adjustable power regulator, 5-position forward and reverse power setting)  
• Include one mini oiler to keep impact wrench lubricated



ITEM NO.	GDAI2001E	3 (SET)
<b>CONTENTS</b>		
1	KAQA1650B	1/2" Dr. Standard Anvil Super Duty Impact Wrench (500 ft-lb / 678 Nm)
2	KABA1610-1627	1/2" Dr. 6PT Flank Impact Sockets 10, 11, 12, 13, 14, 16, 17, 19, 21, 22, 24, 27 mm
3	KABE1617-1621	1/2" Dr. 6PT Flank Deep Impact Sockets 17, 19, 21 mm
4	KACE1605	1/2" Dr. Impact Extension Bar - 5" (L)
5	KACN160B	1/2" Dr. Impact Universal Joint
6	KALO1614-1632	O-Ring 8-14 mm x 2pcs, 15-32 mm x 2pcs
7	KALP1614-1632	Pin 8-14 mm x 2pcs, 15-32 mm x 2pcs
8	KALB1501	Oil Pot - 15 c.c.
9	KALA0815	1/4" Mini Oiler
10	KALC081E (Item No. GDAI2001E)	1/4" Air Nipple (European Type)
11	KALC082J (Item No. GDAI2001J)	1/4" Air Nipple (Japanese Type)
<b>BLOW CASE: W478 x D234 x H100 (mm)</b>		

**27PCS**  
1/2" DR. Air Impact Wrench Set  
- Standard Anvil  
1/2"



ITEM NO.	GDAI2701	3 (SET)
<b>CONTENTS</b>		
1	KAQA1640	1/2" Dr. Standard Anvil Super Duty Impact Wrench (600 ft-lb / 813 Nm)
2	KABA1610-1624	1/2" Dr. 6PT Flank Impact Sockets 10, 11, 12, 13, 14, 17, 18, 19, 20, 21, 22, 24 mm
3	KABP1617-1621	1/2" Dr. 6PT Flank Pro-Series Thin Wall Deep Impact Sockets with Plastic Sleeves 17, 19, 21 mm
4	KACE1605	1/2" Dr. Impact Extension Bar - 5" (L)
5	KACN160B	1/2" Dr. Impact Universal Joint
6	KALO1614-1632	O-Ring 8-14 mm x 2pcs, 15-32 mm x 2pcs
7	KALP1614-1632	Pin 8-14 mm x 2pcs, 15-32 mm x 2pcs
8	KALB1501	Oil Pot - 15 c.c.
<b>BLOW CASE: W478 x D234 x H100 (mm)</b>		

**27PCS**  
1/2" DR. Air Impact Wrench Set  
- Long Anvil  
1/2"



ITEM NO.	GDAI2702	3 (SET)
<b>CONTENTS</b>		
1	KAAB1640	1/2" Dr. Long Anvil Super Duty Impact Wrench (400 ft-lb / 542 Nm)
2	KABA1610-1624	1/2" Dr. 6PT Flank Impact Sockets 10, 11, 12, 13, 14, 17, 18, 19, 20, 21, 22, 24 mm
3	KABP1617-1621	1/2" Dr. 6PT Flank Pro-Series Thin Wall Deep Impact Sockets with Plastic Sleeves 17, 19, 21 mm
4	KACE1605	1/2" Dr. Impact Extension Bar - 5" (L)
5	KACN160B	1/2" Dr. Impact Universal Joint
6	KALO1614-1632	O-Ring 8-14 mm x 2pcs, 15-32 mm x 2pcs
7	KALP1614-1632	Pin 8-14 mm x 2pcs, 15-32 mm x 2pcs
8	KALB1501	Oil Pot - 15 c.c.
<b>BLOW CASE: W478 x D234 x H100 (mm)</b>		

**27PCS**  
1/2" DR. Air Impact Wrench Set  
- Standard Anvil  
1/2"



ITEM NO.	GDAI2703	3 (SET)
<b>CONTENTS</b>		
1	KAQA1660	1/2" Dr. Standard Anvil Super Duty Impact Wrench (700 ft-lb / 949 Nm)
2	KABA1610-1624	1/2" Dr. 6PT Flank Impact Sockets 10, 11, 12, 13, 14, 17, 18, 19, 20, 21, 22, 24 mm
3	KABP1617-1621	1/2" Dr. 6PT Flank Pro-Series Thin Wall Deep Impact Sockets with Plastic Sleeves 17, 19, 21 mm
4	KACE1605	1/2" Dr. Impact Extension Bar - 5" (L)
5	KACN160B	1/2" Dr. Impact Universal Joint
6	KALO1614-1632	O-Ring 8-14 mm x 2pcs, 15-32 mm x 2pcs
7	KALP1614-1632	Pin 8-14 mm x 2pcs, 15-32 mm x 2pcs
8	KALB1501	Oil Pot - 15 c.c.
<b>BLOW CASE: W478 x D234 x H100 (mm)</b>		

**27PCS**  
1/2" DR. Air Impact Wrench Set  
- Long Anvil  
1/2"



ITEM NO.	GDAI2704	3 (SET)
<b>CONTENTS</b>		
1	KAAB1660	1/2" Dr. Long Anvil Super Duty Impact Wrench (600 ft-lb / 813 Nm)
2	KABA1610-1624	1/2" Dr. 6PT Flank Impact Sockets 10, 11, 12, 13, 14, 17, 18, 19, 20, 21, 22, 24 mm
3	KABP1617-1621	1/2" Dr. 6PT Flank Pro-Series Thin Wall Deep Impact Sockets with Plastic Sleeves 17, 19, 21 mm
4	KACE1605	1/2" Dr. Impact Extension Bar - 5" (L)
5	KACN160B	1/2" Dr. Impact Universal Joint
6	KALO1614-1632	O-Ring 8-14 mm x 2pcs, 15-32 mm x 2pcs
7	KALP1614-1632	Pin 8-14 mm x 2pcs, 15-32 mm x 2pcs
8	KALB1501	Oil Pot - 15 c.c.
<b>BLOW CASE: W478 x D234 x H100 (mm)</b>		

**TOPTUL**  
**Super Duty Mini Butterfly Type Air Impact Wrench**

- Impact Mechanism : Twin Dog Clutch
- Side Exhaust with Muffler

**MINI DESIGN**

**LIGHT WEIGHT**

**Durable & Long Life Anvil**  
High quality material made durable anvil with special heat treatment.

**Durable Aluminum Housing**  
Super strong aluminum die-casting housing for maximum durability and tool life.

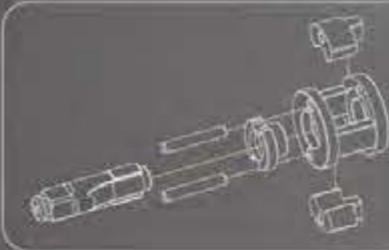
**Special Controlled Rocking Lever**  
Butterfly forward/reverse throttle design for easy one-hand operation.



**Twin Dog Clutch Impact Mechanism**  
A powerful mechanism with a smoothly increasing torque and low reaction force.

**Unique Air Inlet Design**  
180° swivel air inlet prevents the air hose from damage.

**Air Regulator**  
3-position power setting.



High-performance

1/4" DR.

KA AU0808

80 FT-LBS



• Powerful, Lightweight & Mini Model

ITEM NO.	KA AU0808	30
<b>SPECIFICATIONS</b>		
Max. Torque	80 ft-lb / 108 Nm	
Free Speed	12000 RPM	
Air Pressure	90 PSI / 6.2 BAR	
Air Consumption	2.1 CFM	
Air Inlet	1/4" PT	
Min. Air Hose	3/8" I.D.	
Overall Length	5-1/2" / 139 mm	
Net Weight	1.17 lbs / 0.53 kgs.	

3/8" DR.

KA AU1208

80 FT-LBS



• Powerful, Lightweight & Mini Model

ITEM NO.	KA AU1208	30
<b>SPECIFICATIONS</b>		
Max. Torque	80 ft-lb / 108 Nm	
Free Speed	12000 RPM	
Air Pressure	90 PSI / 6.2 BAR	
Air Consumption	2.1 CFM	
Air Inlet	1/4" PT	
Min. Air Hose	3/8" I.D.	
Overall Length	5-1/2" / 139 mm	
Net Weight	1.17 lbs / 0.53 kgs.	



**TOPTUL**

# Super Duty Air Angle Impact Wrench

- Impact Mechanism : Jumbo Hammer
- Rear Exhaust with Muffler

High-performance

**Precision Machined Bevel Gear**  
Drive ratchet gear strongly for maximum durability and tool life.

**Durable Aluminum Housing**  
Super strong aluminum die-casting housing for maximum durability and tool life.

**Rotation Switch**  
3-position power setting.  
Forward : 2 speed  
Reverse : 1 speed

**Jumbo Hammer Impact Mechanism**  
Super duty designed impact mechanism extends and ensures maximum tool life.

**Composite Grip Handle**  
Lightweight and ergonomic design for positive grip.

**Rear Exhaust with Muffler**  
Designed for use optional air hose and discharge air away from working area.

**KAAH1620**



1/2" DR.

ITEM NO.	KAAH1620	12
<b>SPECIFICATIONS</b>		
Max. Torque	180 ft-lb / 244 Nm	
Free Speed	7000 RPM	
Air Pressure	90 PSI / 6.2 BAR	
Air Consumption	5.0 CFM	
Air Inlet	1/4" PT	
Min. Air Hose	3/8" I.D.	
Overall Length	13-2/5" / 341 mm	
Net Weight	3.97 lbs / 1.8 kgs	

**TOPTUL**

# Air Angle Impact Wrench

- Gearless Type -

- Impact Mechanism : Jumbo Hammer
- Rotary Exhaust with Muffler

**Protective Silicone Cover**



**Jumbo Hammer Impact Mechanism**  
Super duty designed impact mechanism extends and ensures maximum tool life.



**Short Barrel Model**  
Easier to operate in confined spaces.



**360° Swivel Exhaust Deflector**  
Convenient to direct the air away from working area.



**Power Regulator Switch**  
4-position power setting.  
Forward: 3 speed  
Reverse: 1 speed

**Composite Grip Handle**  
Ergonomic design for positive grip.



**Rotary Air Inlet**  
360° rotary air inlet prevents the air hose from damage.

**KAAS1630**



1/2" DR.

**300 FT-LBS**

ITEM NO.	KAAS1630	12
<b>SPECIFICATIONS</b>		
Max. Torque	300 ft-lb / 407 Nm	
Free Speed	6500 RPM	
Air Pressure	90 PSI / 6.2 BAR	
Air Consumption	4.2 CFM	
Air Inlet	1/4" PT	
Min. Air Hose	3/8" I.D.	
Overall Length	9-11/16" / 245 mm	
Net Weight	3.09 lbs / 1.40 kgs	



**TOPTUL**

# Super Duty Air Impact Wrench

- Impact Mechanism : New Twin Hammer
- Handle Exhaust with Muffler
- One-Hand Reversing Switch

High-performance



**KAAJ1680**



**1/2" DR.**

**800 FT-LBS**

- Powerful, Lightweight & Simple Operation

ITEM NO.	KAAJ1680	8
<b>SPECIFICATIONS</b>		
Max. Torque	800 ft-lb / 1085 Nm	
Free Speed	8000 RPM	
Air Pressure	90 PSI / 6.2 BAR	
Air Consumption	6.7 CFM	
Air Inlet	1/4" PT	
Min. Air Hose	3/8" I.D.	
Overall Length	7-3/4" / 197 mm	
Net Weight	5.07 lbs / 2.3 kgs	

## TOPTUL SUPER DUTY AIR IMPACT WRENCH SERIES (One-Hand Reversing Switch)



HIGH-PERFORMANCE &  
LIGHTWEIGHT COMPOSITE HANDLE



**3/8" DR.**

- Super Duty Air Impact Wrench
- Impact Mechanism : Twin Hammer
- Handle Exhaust with Muffler
- One-Hand Reversing Switch



- Powerful, Lightweight & Simple Operation

ITEM NO.	KAAJ2480	12
<b>SPECIFICATIONS</b>		
Max. Torque	400 ft-lb / 542 Nm	
Free Speed	13500 RPM	
Air Pressure	90 PSI / 6.2 BAR	
Air Consumption	5.9 CFM	
Air Inlet	1/4" PT	
Min. Air Hose	3/8" I.D.	
Overall Length	6" / 152 mm	
Net Weight	2.69 lbs / 1.22 kgs	

**1/2" DR.**

- Super Duty Air Impact Wrench
- Impact Mechanism : Twin Hammer
- Handle Exhaust with Muffler
- One-Hand Reversing Switch



- Powerful, Lightweight & Simple Operation

ITEM NO.	KAAJ1643	12
<b>SPECIFICATIONS</b>		
Max. Torque	430 ft-lb / 583 Nm	
Free Speed	13500 RPM	
Air Pressure	90 PSI / 6.2 BAR	
Air Consumption	5.9 CFM	
Air Inlet	1/4" PT	
Min. Air Hose	3/8" I.D.	
Overall Length	6" / 152 mm	
Net Weight	2.73 lbs / 1.24 kgs	

**3/4" DR.**

- Super Duty Air Impact Wrench
- Impact Mechanism : New Twin Hammer
- Handle Exhaust with Muffler
- One-Hand Reversing Switch



- Powerful, Lightweight & Simple Operation

ITEM NO.	KAAJ2480	8
<b>SPECIFICATIONS</b>		
Max. Torque	800 ft-lb / 1085 Nm	
Free Speed	8000 RPM	
Air Pressure	90 PSI / 6.2 BAR	
Air Consumption	6.7 CFM	
Air Inlet	1/4" PT	
Min. Air Hose	3/8" I.D.	
Overall Length	8-5/16" / 211 mm	
Net Weight	5.20 lbs / 2.36 kgs	

**3/4" DR.**

- Super Duty Air Impact Wrench
- Impact Mechanism : New Twin Hammer
- Handle Exhaust with Muffler
- One-Hand Reversing Switch



- Powerful, Lightweight & Simple Operation

ITEM NO.	KAAJ2413	4
<b>SPECIFICATIONS</b>		
Max. Torque	1300 ft-lb / 1763 Nm	
Free Speed	6000 RPM	
Air Pressure	90 PSI / 6.2 BAR	
Air Consumption	7.3 CFM	
Air Inlet	3/8" PT	
Min. Air Hose	1/2" I.D.	
Overall Length	8-23/32" / 222 mm	
Net Weight	5.2 lbs / 3.72 kgs	

**1" DR.**

- Super Duty Air Impact Wrench
- Impact Mechanism : New Twin Hammer
- Handle Exhaust with Muffler
- One-Hand Reversing Switch



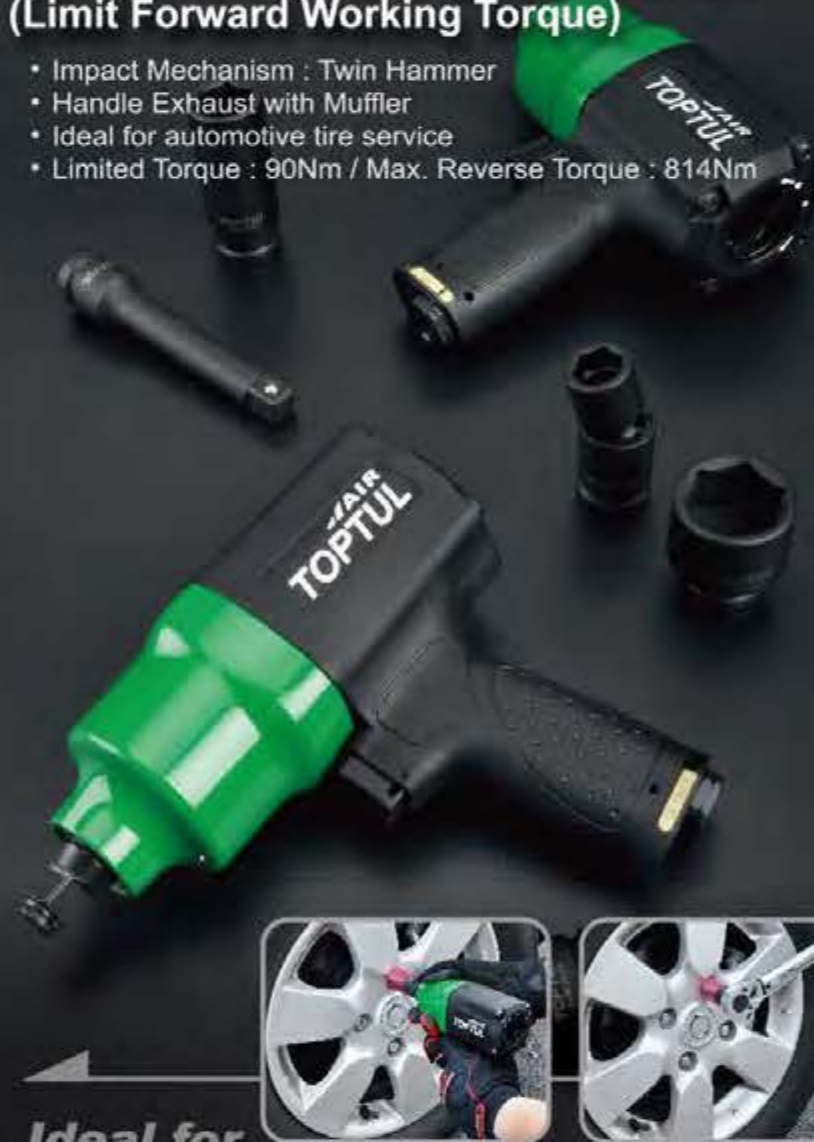
- Powerful, Lightweight & Simple Operation

ITEM NO.	KAAJ3214	4
<b>SPECIFICATIONS</b>		
Max. Torque	1400 ft-lb / 1898 Nm	
Free Speed	6000 RPM	
Air Pressure	90 PSI / 6.2 BAR	
Air Consumption	7.3 CFM	
Air Inlet	3/8" PT	
Min. Air Hose	1/2" I.D.	
Overall Length	8-15/16" / 227 mm	
Net Weight	8.42 lbs / 3.82 kgs	



## Super Duty Air Impact Wrench (Limit Forward Working Torque)

- Impact Mechanism : Twin Hammer
- Handle Exhaust with Muffler
- Ideal for automotive tire service
- Limited Torque : 90Nm / Max. Reverse Torque : 814Nm



**TIGHTENING  
TORQUE LIMITED  
90 NM**

**Ideal for  
Automotive tire service**

**KAAM1606**



**66  
FT-LBS**

**1/2" DR.**

**• Limit Forward Working Torque**

ITEM NO.	KAAM1606
<b>SPECIFICATIONS</b>	
Max. For. Torque	66 ft-lb / 90 Nm
Free For. Speed	2000 RPM
Max. Rev. Torque	600 ft-lb / 814 Nm
Free Rev. Speed	8000 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	4.4 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	7-19/32" / 193 mm
Net Weight	4.73 lbs / 2.15 kgs

## Super Duty Air Impact Wrench

- Impact Mechanism : Jumbo Hammer
- Handle Exhaust with Muffler

High-performance



**KAAC1645**



**450  
FT-LBS**

**1/2" DR.**

**• Powerful, Lightweight & Short Barrel Model**

ITEM NO.	KAAC1645
<b>SPECIFICATIONS</b>	
Max. Torque	450 ft-lb / 610 Nm
Free Speed	9600 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	4.9 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	5-15/64" / 145 mm
Net Weight	3.48 lbs / 1.58 kgs



**TOPTUL**

# Super Duty Air Impact Wrench

- Impact Mechanism : Twin Hammer
- Handle Exhaust with Muffler

High-performance

**POWERFUL DESIGN**  
**LIGHT WEIGHT**

**Durable & Long Life Anvil**  
High quality material made durable anvil with special heat treatment.

**Twin Hammer Impact Mechanism**  
Well balanced design impact mechanism. Powerful and high torque output.



**Air Regulator**  
4-position power setting.  
Forward: 3 speed  
Reverse: 1 speed

**End Cap Slider Guide Trigger**  
Easy operation design.

**Composite Grip Handle**  
Lightweight & Ergonomic designed.

**Rubber composite handle**  
Comfort & positive grip with less vibration.

**Improved Air Inlet**  
Effectively reduces the damage of thread.

**Handle Exhaust with Muffler**  
Reduces noise level and discharge air away from working area.

**KAAC1610**



1/2" DR.

**1000 FT-LBS**

**Powerful & Lightweight Model**

ITEM NO.	KAAC1610
<b>SPECIFICATIONS</b>	
Max. Torque	1000 ft-lb / 1356 Nm
Free Speed	9500 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	7.3 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	7-1/2" / 190 mm
Net Weight	5.07 lbs / 2.3 kgs

**3/4" DR.**

- Super Duty Air Impact Wrench**
- Impact Mechanism : Twin Hammer
  - Side Exhaust with Muffler
  - Inside Trigger



Features an adjustable 3-position forward and reverse power setting. Auxiliary side handle for ease of control. Rubber comfort grips on side & back handle.

**1" DR.**

- Super Duty Air Impact Wrench**
- Impact Mechanism : Twin Hammer
  - Handle Exhaust with Muffler



Features an adjustable 3-position forward and one full power reverse setting. Auxiliary rubber comfort grip side handle for ease of control.

**Powerful & Lightweight Model**

ITEM NO.	KAAC2416
<b>SPECIFICATIONS</b>	
Max. Torque	1600 ft-lb / 2170 Nm
Free Speed	5500 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	8.5 CFM
Air Inlet	1/2" PT
Min. Air Hose	3/4" I.D.
Overall Length	12-19/32" / 320 mm
Net Weight	12.54 lbs / 5.69 kgs

ITEM NO.	KAAC3218
<b>SPECIFICATIONS</b>	
Max. Torque	1800 ft-lb / 2441 Nm
Free Speed	5000 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	9.0 CFM
Air Inlet	1/2" PT
Min. Air Hose	3/4" I.D.
Overall Length	10-13/16" / 275 mm
Net Weight	15.92 lbs / 7.22 kgs

**1" DR.**

- Long Anvil Super Duty Air Impact Wrench**
- Impact Mechanism : Twin Hammer
  - Side Exhaust with Muffler
  - Inside Trigger



**LIGHT MODEL**



One of the lightest, most powerful super duty 1" square drive extended anvil impact wrenches. Ultimate torque of 2,000 ft-lbs. at 90 psi. Weighs only 18.34 lbs. Designed for extended use in heavy duty truck line service works. Twin hammer mechanism promotes an even maximum force on lug nut or bolt. Features an adjustable 3-position forward and reverse power setting. Auxiliary side handle for ease of control. Rubber comfort grips on side & back handle.

**Powerful & Lightweight Model**

ITEM NO.	KAAD3220
<b>SPECIFICATIONS</b>	
Max. Torque	2000 ft-lb / 2712 Nm
Free Speed	5000 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	9 CFM
Air Inlet	1/2" PT
Min. Air Hose	3/4" I.D.
Overall Length	19-31/64" / 495 mm
Net Weight	18.34 lbs / 8.32 kgs

**1" DRIVE**  
**LONG ANVIL SUPER DUTY AIR IMPACT WRENCH**

**Air Straight Die Grinder**

- Professional Grade Air Tools**
- Powerful 0.6 HP straight-line die grinder for heavy duty applications
  - Includes two collet chucks: 6mm (insert) & 1/4"
  - Adjustable power regulator for precise control
  - Safety lock lever to prevent accidental start-up
  - Rear exhaust with muffler directs air away from the workpiece
  - Suited for grinding, polishing, burnishing and deburring applications



ITEM NO.	KAKA0822
<b>SPECIFICATIONS</b>	
Collet Chuck	6mm / 1/4"
Power	0.6 HP / 0.45 KW
Free Speed	22000 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	6 CFM
Air Inlet	1/4" PT
Air Hose	3/8" I.D.
Overall Length	6-9/16" / 167 mm
Weight	1.3 lbs / 0.6 kgs

**Air Micro Die Grinder**

- Includes two collet chucks: 3mm (insert) & 1/8"
- Adjustable power regulator for precise control
- Rear exhaust with hose
- High quality bearings for smooth and powerful operation
- Suited for grinding, polishing, burnishing and deburring applications



ITEM NO.	KAKR0456
<b>SPECIFICATIONS</b>	
Collet Chuck	3mm / 1/8"
Power	0.05 HP / 0.04 KW
Free Speed	56000 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	3.5 CFM
Air Inlet	1/4" PT
Air Hose	13/64" I.D.
Overall Length	5-15/32" / 139 mm
Net Weight	0.44 lbs / 0.2 kgs



# TOPTUL® 3-IN-1 Super Duty Orbital Air Sander

- Rear Exhaust with muffler
- Brand new design 3-in-1 Vacuum Modes - Non-vacuum, Central Vacuum, Self vacuum modes
- High & Low speed control allows users to easily adjust speed for different applications
- Mechanically lower body with low center designed to make operating steady with working face
- Alternatively capable for equipping with dust bag or industrial vacuum cleaner
- Ideal for grinding construction steel, metals and wood
- Orbital diameter  
2.5 mm - Fine finish eccentric sander with dust extraction  
5 mm - General sanding eccentric sander with dust extraction

## KAMA SERIES

**Low Noise Levels**  
Innovated muffler reduces noise level

**Speed Control Switch**  
Controls the regulation of the air inlet and adjusts the pad speed from off to maximum

**Palm Grip**  
Ergonomically designed palm shape rubber cover for user comfort

**360 Degree Rotating Vacuum Adaptor**  
Allows the vacuum hose to rotate freely

**Sanding Pad**  
For Easy & quick changing the sandpaper

**Air Driving Valve**  
This valve efficiently utilizes the exhaust air function to collect, guide and remove dust away from the operator and the working area



### Sanding Pad (Vacuum Type)



● KALE0501

● KALE0601

ITEM NO.	Pad Size (inch)	Holes	Thread Size (UNF)	Max. Pad Speed (R.P.M)	Applied ITEM NO.	⊞	⊞
KALE0501	5"	5	5/16"-24	12000	KAMA0503, KAMA0505	5	20
KALE0601	6"	6	5/16"-24	12000	KAMA0603, KAMA0605	5	20

### 3-IN-1 Super Duty Orbital Air Sander



5" PAD SIZE - 2.5mm

ITEM NO.	KAMA0503
<b>SPECIFICATIONS</b>	
Pad Size	5" (127 mm)
Spindle Thread	5/16"-24 UNF
Orbital Diameter	2.5 mm
Free Speed	10000 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	7.5 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	7-1/4" / 184 mm
Net Weight	1.69 lbs / 0.77 kgs

### 3-IN-1 Super Duty Orbital Air Sander



5" PAD SIZE - 5mm

ITEM NO.	KAMA0505
<b>SPECIFICATIONS</b>	
Pad Size	5" (127 mm)
Spindle Thread	5/16"-24 UNF
Orbital Diameter	5 mm
Free Speed	10000 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	7.5 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	7-1/4" / 184 mm
Net Weight	1.69 lbs / 0.77 kgs

### 3-IN-1 Super Duty Orbital Air Sander



6" PAD SIZE - 2.5mm

ITEM NO.	KAMA0603
<b>SPECIFICATIONS</b>	
Pad Size	6" (152 mm)
Spindle Thread	5/16"-24 UNF
Orbital Diameter	2.5 mm
Free Speed	10000 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	7.5 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	8-7/8" / 225 mm
Net Weight	1.69 lbs / 0.77 kgs

### 3-IN-1 Super Duty Orbital Air Sander



6" PAD SIZE - 5mm

ITEM NO.	KAMA0605
<b>SPECIFICATIONS</b>	
Pad Size	6" (152 mm)
Spindle Thread	5/16"-24 UNF
Orbital Diameter	5 mm
Free Speed	10000 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	7.5 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	8-7/8" / 225 mm
Net Weight	1.69 lbs / 0.77 kgs

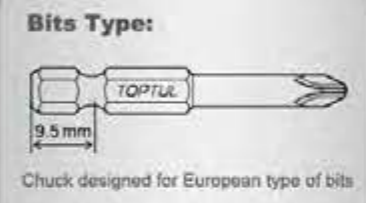
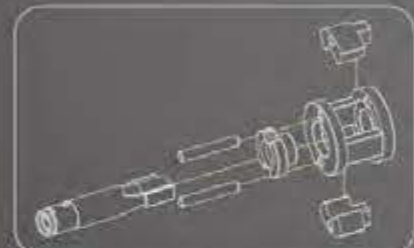
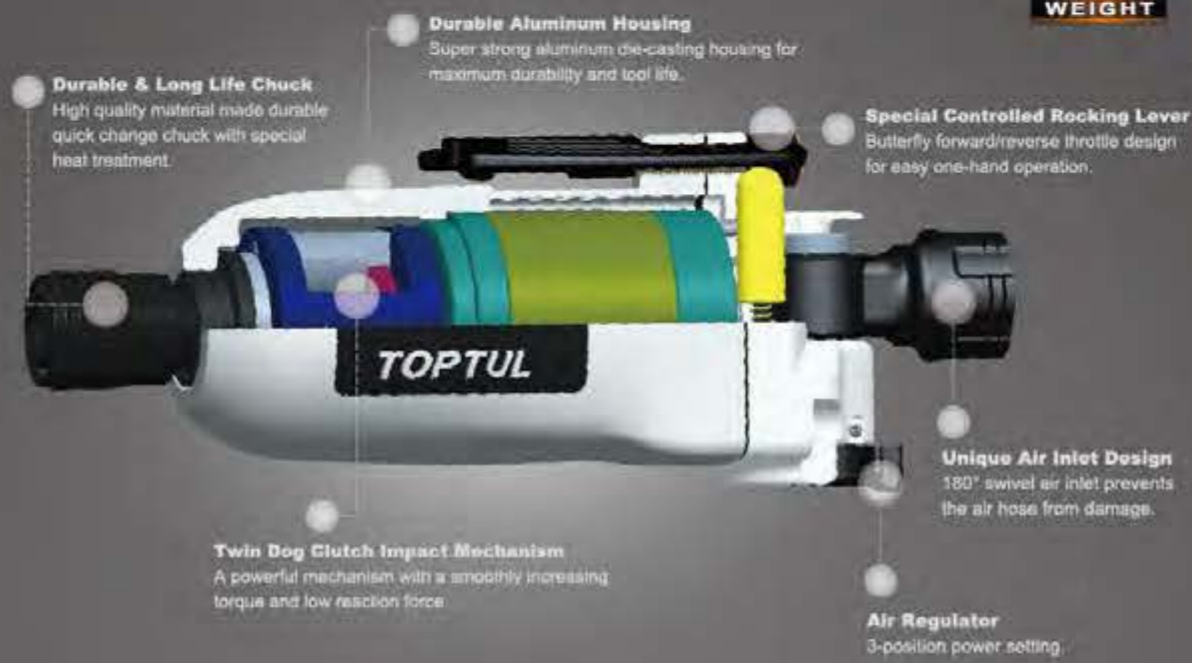


# TOPTUL® Super Duty Mini Butterfly Type Air Screwdriver

- Impact Mechanism : Twin Dog Clutch
- Side Exhaust with Muffler
- Quick Change Hexagonal Female

High-performance

**MINI DESIGN**  
**LIGHT WEIGHT**



**KSAU0808**



**80 FT-LBS**

**Powerful, Lightweight & Mini Model**

ITEM NO.	KSAU0808
<b>SPECIFICATIONS</b>	
Max. Torque	80 ft-lb / 108 Nm
Free Speed	12000 RPM
Air Pressure	90 PSI / 6.2 BAR
Air Consumption	2.1 CFM
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	5-23/32" / 146 mm
Net Weight	1.21 lbs / 0.55 kgs

1/4" Hex

## Heavy Duty Air Impact Hammer

- Pressure die cast Aluminum Alloy body with hardened tool steel impact mechanism
- Close tolerance of internal parts provides high torque performance and low air consumption
- Medium-barrel hammer design with pistol grip handle
- Front exhaust



ITEM NO.	KAHA3217
<b>SPECIFICATIONS</b>	
Blow Per Minute	3200 BPM
Piston Stroke	67mm (2-5/8")
Chisel Shank Opening (Hex)	10 mm
Overall Length	171 mm (6-3/4")
Net Weight	1.6 kg (3.5 lbs)
Air Inlet	1/4" PT
Air Hose	3/8" ID
Air Pressure	90 PSI / 6.2 BAR
Average Air Consumption	10 CFM (283 l/min)
Sound Pressure Level	99.6 dB(A)
Sound Power Level	110.6 dB(A)
Vibration Level	5.1 M/Sec <sup>2</sup>

## Flat Chisel



ITEM NO.	Hex(mm)	L(mm)
KAJA18A1	10	178

## Sheet Metal Trimmer



ITEM NO.	Hex(mm)	L(mm)
KAJA18B1	10	178

## Spot Weld Breaker



ITEM NO.	Hex(mm)	L(mm)
KAJA18C1	10	178

## Panel Cutter



ITEM NO.	Hex(mm)	L(mm)
KAJA18D1	10	178

## Taper Punch



ITEM NO.	Hex(mm)	L(mm)
KAJA18E1	10	178

## Air Pistol Grip Needle Scaler

- Suitable for surface preparation work involving the cleaning or removal of paint, rust, dirt or weld slag
- Adjustable needle cover enables maximum utilization of needles
- Heat treated piston and cylinder ensure excellent durability and long service life
- Fitted with 19 needles of Ø3 mm
- Optional attachment for 29 needles of Ø2 mm



ITEM NO.	KAHB3718
<b>SPECIFICATIONS</b>	
Blow Per Minute	3700 BPM
Piston Stroke	33.5 mm (1-5/16")
Overall Length	330 mm (13")
Net Weight	2.7 kg (6 lbs)
Needle Diameter	Ø3x180 mm
Air Inlet	1/4" PT
Air Hose	3/8" I.D.
Air Pressure	90 PSI / 6.2 BAR
Average Air Consumption	3.0 CFM (85 l/min)
Sound Pressure Level	98 dB(A)
Sound Power Level	109 dB(A)
Vibration Level	18.1 M/Sec <sup>2</sup>



## Air Needle Scaler

- Suitable for surface preparation work involving the cleaning or removal of paint, rust, dirt or weld slag
- Axial design allows easy access to confined spaces
- Heat treated piston and cylinder ensure excellent durability and long service life
- Fitted with 12 needles of Ø3 mm



ITEM NO.	KAHC5013
<b>SPECIFICATIONS</b>	
Blow Per Minute	5000 BPM
Piston Stroke	28 mm (1-3/32")
Overall Length	295 mm (11-9/16")
Net Weight	1.3 kg (2.9 lbs)
Needle Diameter	Ø3x125 mm
Air Inlet	1/4" PT
Air Hose	3/8" I.D.
Air Pressure	90 PSI / 6.2 BAR
Average Air Consumption	1.7 CFM (48 l/min)
Sound Pressure Level	94 dB(A)
Sound Power Level	105 dB(A)
Vibration Level	9.84 M/Sec <sup>2</sup>





**TOPTUL**

# Air Hydraulic Riveter

## Professional Grade Air Tools

**NEW**

BASIC MODEL

- Suitable for Aluminum/Steel & Stainless Steel rivets
- Designed for professional riveting and continuous operation
- Robust aluminum alloy oil cylinder and air cylinder bodies
- Oil leakage and air leakage free model, ideal for both light and heavy duty production requirements
- Set includes 4 interchangeable standard nosepieces, rivet mandrel collector, two service combination wrenches and brush



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

ITEM NO.	KARA0205B
<b>SPECIFICATIONS</b>	
Rivet Diameter	2.4, 3.0/3.2, 4.0, 4.8/5.0 mm or 3/32", 1/8", 5/32", 3/16"
Stroke Length	16mm
Traction Power	9000 N / 2000 lbf
Air Pressure	80-95 PSI (5.5-6.5 BAR)
Air Consumption Per Rivet	0.07 CFR / 2.1 LPR
Air Inlet	1/4" PT
Min. Air Hose	5/16" I.D.
Overall Length	10-11/16" / 272mm
Net Weight	3.76 lbs / 1.71 kgs



Air cylinder end cap with patented rivet size hole gauge design

**TOPTUL**

# Air Hydraulic Riveter

## Professional Grade Air Tools

- Suitable for Aluminum/Steel & Stainless Steel rivets
- Designed for professional riveting and continuous operation
- Twin air inlet design allows easy operation by right-handed or left-handed users
- New spent mandrel container to protect operator's eyes and keep working places clean
- Shock-reducer design to minimize hand fatigue
- Noise silencer design for working pleasure
- Smart nosepieces storage design to avoid losing nosepieces
- Oil refill hole design for quickly refilling the shortage of hydraulic oil
- Set includes rivet mandrel collector, two combination wrenches, brush, hydraulic oil injector without oil and one set of extra jaws



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

ITEM NO.	KARA0205
<b>SPECIFICATIONS</b>	
Rivet Diameter	2.4, 3.0/3.2, 4.0, 4.8/5.0 mm or 3/32", 1/8", 5/32", 3/16"
Stroke Length	18mm
Traction Power	9000 N / 2000 lbf
Air Pressure	80-95 PSI (5.5-6.5 BAR)
Air Consumption Per Rivet	0.08 CFR / 2.4 LPR
Air Inlet	1/4" PT
Min. Air Hose	5/16" I.D.
Overall Length	10-5/8" / 270mm
Net Weight	3.92 lbs / 1.78 kgs



Air cylinder end cap with rivet size hole gauge and nosepieces storage design



**TOPTUL®**

# Heavy Duty Air Hydraulic Riveter

## Professional Grade Air Tools

- Suitable for Aluminum/Steel & Stainless Steel rivets
- Designed for professional riveting and continuous operation
- Twin air inlet design allows easy operation by right-handed or left-handed users
- New spent mandrel container to protect operator's eyes and keep working places clean
- Shock-reducer design to minimize hand fatigue
- Noise silencer design for working pleasure
- Smart nosepieces storage design to avoid losing nosepieces
- Oil refill hole design for quickly refilling the shortage of hydraulic oil
- Set includes rivet mandrel collector, two combination wrenches, brush, hydraulic oil injector without oil and one set of extra jaws



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

ITEM NO.	KARA0306
<b>SPECIFICATIONS</b>	
Rivet Diameter	3.0/3.2, 4.0, 4.8/5.0, 6.0, 6.4 mm or 1/8", 5/32", 3/16", 1/4"
Stroke Length	15.8mm
Traction Power	14700 N / 3300 lbf
Air Pressure	85-100 PSI (5.9-6.9 BAR)
Air Consumption Per Rivet	0.11 CFR / 3.1 LPR
Air Inlet	1/4" PT
Min. Air Hose	3/8" I.D.
Overall Length	10-13/16" / 275mm
Net Weight	4.65 lbs / 2.11 kgs



Air cylinder end cap with rivet size hole gauge and nosepieces storage design.

### Air Hose Reel

- Robust metal case for heavy-duty applications
- Polyurethane Braid Hose can be extended and retracted by simple pull and release mechanism
- Automatic rewind hose reel with SK5 spring steel spring provides easy locking and retracting of hose
- Built-in 16 teeth multi-position ratchet gear lock system for securing hose at desired length and ensures maximum safety and reliability
- Movable retaining ball allows easy adjustment of leader hose to desired length
- Quickly and easily replaceable air hose design
- Supplied with swivel metal mounting bracket for fixing to wall or ceiling
- Max. Working Pressure: 300PSI
- Working Temperature: -10°C to 65°C



Built-in 16 teeth ratchet mechanism.



Disassemble & replace the connection air hose.



ITEM NO.	Hose I.D. (mm)	Hose O.D. (mm)	Hose Length (M)	Coupler Type	Air Inlet / Outlet	W	H
KHAP0810E	8	12	10	EU	1/4" PT	1	2
KHAP0815E	8	12	15	EU	1/4" PT	1	2
KHAP1010E	9.5	13.5	10	EU	1/4" PT	1	2
KHAP1012E	9.5	13.5	12	EU	1/4" PT	1	2

### Air Inlet Nipple



KALC081E



KALC082J



ITEM NO.	Thread	L(mm)	Material	Type	W	H
KALC081E	1/4" PT (Male)	33.4	Brass	EU	20	360
KALC082J	1/4" PT (Male)	40	Steel	JP	20	360

### Mini Oiler

- For automatic oiling of compressed air tools
- Extends the service life of pneumatic tools
- Compact design and refillable
- Solid brass construction
- Air Inlet & Outlet Thread: 6.3mm (1/4")
- Filling Capacity: 5 c.c.



ITEM NO.	SIZE	L(mm)	W	H
KALA0815	1/4" PT	54	20	80

### Impact Wrench Display Stand

- Made of Drop forged Aluminum Alloy Steel
- With SNCM connector
- Ideal for representing air impact wrenches



Not included Air tool with coupler and plug connector

ITEM NO.	SIZE (W)x(D)x(H)mm	Outlet Thread	W
KALF1712	170x120x60	1/4" - 19PT	30



**PROFESSIONAL  
POWER TOOLS**



**Professional  
Cordless Series  
Cordless Power Tools**

**18V Fast Charger**

- Designed for 18V Ah Li-Ion high performance rechargeable battery
- Impact resistant ABS housing

ITEM NO.	KALD0124		4	Types of Plug Adapter			
Power Supply	AC 100 - 240V / 50 - 60Hz			A	E	Z	U
Power Consumption	DC 21V 3.0A			(US)	(EU)	(AUS/2)	(UK)
Power Supply	AC 100 - 240V / 50 - 60Hz			J			
Power Consumption	DC 21V 2.3A			(JP)			



**18V Li-Ion Battery**

- 18V Li-Ion high performance rechargeable battery
- Impact resistant ABS+PP housing

ITEM NO.	Ah	Charging Time Approx.	Suitable for TOPTUL Charger type	1	8	Types of Plug Adapter (power charger)			
KALD0302	4.0	110 mins	KALD0124A	1	8	A	E	Z	U
			KALD0124E			(US)	(EU)	(AUS/2)	(UK)
			KALD0124Z						
		120 mins	KALD0124J	1	8	J			
KALD0304	5.0	120 mins	KALD0124A	1	8	A	E	Z	U
			KALD0124E			(US)	(EU)	(AUS/2)	(UK)
			KALD0124Z						
		180 mins	KALD0124J	1	8	J			





**TOPTUL**

# 1/2" DR. Brushless Cordless Impact Wrench

- Powerful motor with brushless design for maximum output torque
- Brushless motor provides greater working life time than brush motor
- Metal gearbox provides great efficient power transmission and durability of tools
- Aluminum front housing enhances excellent heat dispersion for increasing motor life
- Variable speed control for optimal performance during all applications
- One hand F/R switch design for easy one-hand operation
- Temperature and electric current overload protection
- LED switch on/off button
- Battery power indication
- Ergonomic comfort-grip handle to reduce user fatigue

CE FC

**Durable Aluminum Housing**  
Super strong aluminum die-casting housing enhances excellent heat dispersion for increasing motor life



**BRUSHLESS MOTOR**

**One-Hand Switch Button**  
Unique F/R switch design for easy one-hand operation



**CARBON BRUSH MOTOR**

**Durable & Long Life Anvil**  
High quality material made durable anvil with special heat treatment

**Composite Grip Handle**  
Lightweight & Ergonomic designed steel / composite handle



Contents	QTY
Brushless Cordless Impact Wrench	1
Li-ion Battery	2
Charger	1

High-performance

ITEM NO.	KPAA1650
<b>SPECIFICATIONS</b>	
Max. For. Torque	2655 in-lb / 300 Nm
Max. Rev. Torque	4425 in-lb / 500 Nm
Free Speed	0-3000 RPM
Power	Battery Rechargeable Li-ion Battery 18V 4.0Ah Power Supply AC 100 - 240V / 50 - 60Hz Power Consumption DC 21V 3.0A Type: JP Battery Rechargeable Li-ion Battery 18V 4.0Ah Power Supply AC 100 - 240V / 50 - 60Hz Power Consumption DC 21V 2.3A
Charging Time	110 - 150 mins (approx.)
Charging Temperature	0°C - 40°C
Operation Temperature	0°C - 40°C
Storage Temperature	-20°C - 40°C
Overall Length	7-3/8" / 188mm
Net Weight	3.60 lbs / 1.65 kgs (with battery)

BLOW CASE: W400 x D320 x H100 (mm)



**TOPTUL**

# 1/4" Hex. Brushless Cordless Impact Driver

- Powerful motor with brushless design for maximum output torque
- Brushless motor provides greater working life time than brush motor
- Variable speed control for optimal performance during all applications
- One hand F/R switch design for easy one-hand operation
- Metal gearbox provides great efficient power transmission and durability of tools
- Aluminum front housing enhances excellent heat dispersion for increasing motor life
- Temperature and electric current overload protection
- LED switch on/off button
- Battery power indication
- Ergonomic comfort-grip handle to reduce user fatigue

CE FC



Contents	QTY
Brushless Cordless Impact Driver	1
Li-ion Battery	2
Charger	1

High-performance

ITEM NO.	KPRA0840
<b>SPECIFICATIONS</b>	
Max. For. Torque	2213 in-lb / 250 Nm
Max. Rev. Torque	3540 in-lb / 400 Nm
Free Speed	0-3000 RPM
Power	Battery Rechargeable Li-ion Battery 18V 4.0Ah Power Supply AC 100 - 240V / 50 - 60Hz Power Consumption DC 21V 3.0A Type: JP Battery Rechargeable Li-ion Battery 18V 4.0Ah Power Supply AC 100 - 240V / 50 - 60Hz Power Consumption DC 21V 2.3A
Charging Time	110 - 150 mins (approx.)
Charging Temperature	0°C - 40°C
Operation Temperature	0°C - 40°C
Storage Temperature	-20°C - 40°C
Overall Length	7-1/16" / 180mm
Net Weight	3.56 lbs / 1.62 kgs (with battery)

BLOW CASE: W400 x D320 x H100 (mm)





**TOPTUL®**

## Brushless Cordless Rivet Tool

- Powerful motor with brushless design for maximum output traction power
- Brushless motor provides greater working life time than brush motor
- Metal gearbox provides great efficient power transmission and durability of tools
- High & Low speed control for optimal performance during all applications
- Two-position of gear ratio setting design allows user to adjust the transmission force in various operation
- One hand F/R switch design for easy one-hand operation
- Temperature and electric current overload protection
- Automatic reversing
- Precision IC board control
- LED switch on/off button
- Battery power indication
- Ergonomic comfort-grip handle to reduce user fatigue

CE FC



Contents	QTY
Brushless Cordless Rivet Tool	1
Li-Ion Battery	2
Charger	1
Nozzle Wrench: Include Nozzles: 3.2, 4.0, 4.8, 6.4	1
Rivet Head Wrench	1

Rivet Diameter	Rivet Material			
	Aluminum	Metal	SS with Metal Mandrel	Stainless Steel
3.2mm or 1/8"	●	●	●	●
4.0mm or 5/32"	●	●	●	
4.8mm or 3/16"	●	●		
6.4mm or 1/4"	●			

ITEM NO. KPRAD306		Types of Plug Adapter (power charger)	
<b>SPECIFICATIONS</b>			
Rivet Diameter	3.2, 4.0, 4.8, 6.4 mm / 1/8", 5/32", 3/16", 1/4"	A	F
Stroke	26 mm (max.)	(US)	(EU)
Free Speed	0-240 / 370 / 720 / 1120 RPM	(A/NZ)	
Speed Selector	4	U	J
Traction Power	8200 N	(UK)	(JP)
Power	Battery Rechargeable Li-Ion Battery 18V 4.0Ah Power Supply AC 100 - 240V / 50 - 60Hz Power Consumption DC 21V 3.0A Type: JP Battery Rechargeable Li-Ion Battery 18V 4.0Ah Power Supply AC 100 - 240V / 50 - 60Hz Power Consumption DC 21V 2.3A		
Charging Time	110 - 150 mins (approx.)		
Charging Temperature	0°C - 40°C		
Operation Temperature	0°C - 40°C		
Storage Temperature	-20°C - 40°C		
Overall Length	12-3/16" / 310 mm		
Net Weight	4.37 lbs / 1.99 kgs (with battery)		

BLOW CASE: W400 x D320 x H100 (mm)



**TOPTUL®**

## Brushless Cordless Rivet Nut Tool

- Powerful motor with brushless design for maximum output traction power
- Brushless motor provides greater working life time than brush motor
- Metal gearbox provides great efficient power transmission and durability of tools
- High & Low speed control for optimal performance during all applications
- Two-position of gear ratio setting design allows user to adjust the transmission force in various operation
- One hand F/R switch design for easy one-hand operation
- Clutch Mechanism design with five-positions of rotary switch in housing for controlling output torque in work
- Fast and simple exchange of threaded mandrel
- Easy and safe drill-on of the blind rivet nut in various type and size
- Temperature and electric current overload protection
- Automatic reversing
- Precision IC board control
- LED switch on/off button
- Battery power indication
- Ergonomic comfort-grip handle to reduce user fatigue

CE FC



SPIN-SPIN

Contents	QTY
Brushless Cordless Rivet Nut Tool (Spin-Spin)	1
Li-Ion Battery	2
Charger	1
Parts Kit: Nozzles - M5, M6, M8, M10 Screw Mandrels - M5, M6, M8, M10 Screw Mandrel Adapter - M5, M6, M8, M10 Screw Mandrel Fixed Seat - M5, M6, M8, M10	1
Rivet Nut Head / Nozzle Wrench	1

ITEM NO. KPNA0510		Types of Plug Adapter (power charger)	
<b>SPECIFICATIONS</b>			
Rivet Nut	M5, M6, M8, M10 (Steel)	A	F
Free Speed	0-240 / 370 / 720 / 1120 RPM	(US)	(EU)
Speed Selector	4	(A/NZ)	
Clutch Settings	5	U	J
Power	Battery Rechargeable Li-Ion Battery 18V 4.0Ah Power Supply AC 100 - 240V / 50 - 60Hz Power Consumption DC 21V 3.0A Type: JP Battery Rechargeable Li-Ion Battery 18V 4.0Ah Power Supply AC 100 - 240V / 50 - 60Hz Power Consumption DC 21V 2.3A	(UK)	(JP)
Charging Time	110 - 150 mins (approx.)		
Charging Temperature	0°C - 40°C		
Operation Temperature	0°C - 40°C		
Storage Temperature	-20°C - 40°C		
Overall Length	9-21/32" / 245 mm		
Net Weight	3.96 lbs / 1.8 kgs (with battery)		

BLOW CASE: W400 x D320 x H100 (mm)





## USB Cordless Screwdriver

Lightweight & Ergonomic Designed



TOPTUL

## 1/4" Hex. 6.4V USB Cordless Screwdriver

- One hand F/R trigger design for easy one-hand operation
- Auto lock for manual tighten
- Bright LED light illuminates the work area
- Fully metal gearbox for maximum output torque
- Lightweight & ergonomic designed, ABS + TPR composite handle
- Easy for carry in any pants pocket
- Quick change chuck for easy installing and removing bits
- Installed Li-ion battery
- Standard Micro USB for easy to recharge battery by using mobile phone's charger
- Includes: 3 pcs power screwdriver bits (S2 Steel), 2 pcs power drill bits (HSS Steel), Micro USB charging cord

CE FC



Contents	QTY
Cordless Screwdriver	1
Power Bit Set (1.0x6.0mm, PH1 & PH2, 2.0 & 3.0mm)	1
Micro USB/USB cord	1

ITEM NO.	KPDB0805
<b>SPECIFICATIONS</b>	
Max. Torque	4.5 Nm
Free Speed	0-265 RPM
Power	Battery Rechargeable Li-ion Battery Voltage 6.4V 1.0Ah
Charging time	150 mins (approx.)
Charging Temperature	0°C - 40°C
Operation Temperature	0°C - 40°C
Storage Temperature	-20°C - 40°C
Overall Length	128 mm
Net Weight	360g





**TOPTUL**

# 1/4" Hex. 3.6V USB Cordless Screwdriver

CE FC

- One hand F/R trigger design for easy one-hand operation
- Auto lock for manual tighten
- Bright LED light illuminates the work area
- Fully metal gearbox for maximum output torque
- Lightweight & ergonomic designed, ABS + TPR composite handle
- Easy for carry in any pants pocket
- Installed Li-ion battery
- Standard Micro USB for easy to recharge battery by using mobile phone's charger
- Includes: 5 pcs power screwdriver bits, Micro USB charging cord

High-performance

CHARGING USB Li-ion BATTERY



Contents	Q'TY
Cordless Screwdriver	1
Power Screwdriver Bit Set (1.0x6.0mm, 3 & 4mm, PH1 & PH2)	1
Micro USB/USB cord	1

ITEM NO. KPOB0603	
SPECIFICATIONS	
Max. Torque	3 Nm
Free Speed	0-350 RPM
Power	Battery Rechargeable Li-Ion Battery Voltage 3.6V 1.95Ah
Charging time	160 mins (approx.)
Charging Temperature	0°C - 40°C
Operation Temperature	0°C - 40°C
Storage Temperature	-20°C - 40°C
Overall Length	110 mm
Net Weight	325g



PROFESSIONAL  
HAND TOOLS

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## HEXAGON & STAR KEYS SERIES

Practical allen and star key wrenches for screw fastening and unfastening works.



HEXAGON & STAR KEYS





**Hex Key Wrench**



**AGAE - Extra Long Type**

ITEM NO.	SIZE (mm)	L1 (mm)	L2 (mm)	⚙️	📦
AGAE1E09	1.5	15.5	91.5	50	900
AGAE0210	2	18	102	50	400
AGAE2E11	2.5	20.5	114.5	50	400
AGAE0313	3	23	129	50	400
AGAE0414	4	29	144	50	400
AGAE0517	5	33	165	30	360
AGAE0619	6	38	186	20	240
AGAE0720	7	41	197	20	160
AGAE0821	8	44	208	10	80
AGAE1023	10	50	234	10	80
AGAE1226	12	57	262	5	30
AGAE1429	14	70	294	5	30
AGAE1734	17	80	337	5	20
AGAE1938	19	89	379	5	10

**AGAL - Long Type**

ITEM NO.	SIZE (mm)	L1 (mm)	L2 (mm)	⚙️	📦
AGAL1E08	1.5	15.5	63.5	30	540
AGAL0208	2	18	77	30	540
AGAL2E09	2.5	20.5	87.5	30	540
AGAL0310	3	23	93	30	540
AGAL0411	4	29	104	30	480
AGAL0512	5	33	120	30	240
AGAL0614	6	38	141	30	240
AGAL0715	7	41	147	30	240
AGAL0816	8	44	158	20	240
AGAL0917	9	47	166	15	180
AGAL1018	10	50	180	10	120
AGAL1222	12	57	199	10	60
AGAL1424	14	70	244	5	30
AGAL1727	17	80	267	5	30
AGAL1930	19	89	299	5	30

**AGAS - Short Type**

ITEM NO.	SIZE (mm)	L1 (mm)	L2 (mm)	⚙️	📦
AGAS1C04	1.27	15.2	45.2	50	800
AGAS1E05	1.5	15.5	46.5	30	540
AGAS0205	2	18	52	30	540
AGAS2E06	2.5	20.5	58.5	30	540
AGAS0307	3	23	66	30	540
AGAS3E07	3.5	25.5	69.5	30	540
AGAS0407	4	29	74	30	240
AGAS4E08	4.5	30.5	80	30	240
AGAS0509	5	33	85	30	240
AGAS0610	6	38	96	30	240
AGAS0710	7	41	102	30	240
AGAS0811	8	44	108	25	200
AGAS0912	9	47	116	25	200
AGAS1012	10	50	122	25	200
AGAS1214	12	57	137	15	120
AGAS1415	14	70	164	5	60
AGAS1718	17	80	177	5	30
AGAS1920	19	89	199	5	30

**Star Key Wrench**



**AIAE - Extra Long Type**

ITEM NO.	SIZE	L1 (mm)	L2 (mm)	⚙️	📦
AIAE1010	T10	19	91	100	800
AIAE1510	T15	19.5	103.5	70	560
AIAE2011	T20	22	114	60	480
AIAE2513	T25	24.5	129.5	50	400
AIAE2715	T27	29	145	50	400
AIAE3017	T30	34	166	30	360
AIAE4018	T40	39	182	20	240
AIAE4520	T45	44	202	15	120
AIAE5023	T50	49	226	10	80

**AIAL - Long Type**

ITEM NO.	SIZE	L1 (mm)	L2 (mm)	⚙️	📦
AIAL0807	T8	19	72	30	540
AIAL1007	T10	19	72	30	540
AIAL1508	T15	19.5	82.5	30	540
AIAL2009	T20	23	91	30	540
AIAL2510	T25	24.5	101.5	30	540
AIAL2711	T27	29	113	30	240
AIAL3013	T30	35	126	25	200
AIAL4014	T40	42	142	20	160
AIAL4516	T45	47	161	20	200
AIAL5018	T50	50	177	15	180
AIAL5520	T55	59	198.5	10	60
AIAL6022	T60	63	223.5	10	60

**AIAS - Short Type**

ITEM NO.	SIZE	L1 (mm)	L2 (mm)	⚙️	📦
AIAS0850	T8	19	49	30	540
AIAS1050	T10	19	49	30	540
AIAS1506	T15	19.5	56.5	30	540
AIAS2006	T20	23	62	30	540
AIAS2507	T25	24.5	69.5	30	540
AIAS2708	T27	29	77	30	240
AIAS3009	T30	35	86	30	240
AIAS4010	T40	42	97	30	240
AIAS4511	T45	47	110	25	200
AIAS5012	T50	50	124	25	200
AIAS5514	T55	59	137.5	15	120
AIAS6015	T60	63	154.5	10	100

**Star Tamperproof Key Wrench**



**AIBE - Extra Long Type**

ITEM NO.	SIZE	L1 (mm)	L2 (mm)	⚙️	📦
AIBE1009	T10	19	91	100	800
AIBE1510	T15	19.5	103.5	70	560
AIBE2011	T20	22	114	60	480
AIBE2513	T25	24.5	129.5	50	400
AIBE2715	T27	29	145	50	400
AIBE3017	T30	34	166	30	360
AIBE4018	T40	39	182	20	240
AIBE4520	T45	44	202	15	120
AIBE5023	T50	49	226	10	80

**Ball Point Hex Key Wrench**



**AGBE - Extra Long Type**

ITEM NO.	SIZE (mm)	L1 (mm)	L2 (mm)	⚙️	📦
AGBE1E09	1.5	15.5	91.5	50	900
AGBE0210	2	18	102	50	900
AGBE2E11	2.5	20.5	114.5	50	900
AGBE0313	3	23	129	50	400
AGBE0414	4	29	144	50	400
AGBE0517	5	33	165	30	360
AGBE0619	6	38	186	20	240
AGBE0720	7	41	197	20	160
AGBE0821	8	44	208	15	120
AGBE1023	10	50	234	10	80
AGBE1226	12	57	262	10	60

**AGBL - Long Type**

ITEM NO.	SIZE (mm)	L1 (mm)	L2 (mm)	⚙️	📦
AGBL1E08	1.5	15.5	63.5	50	900
AGBL0208	2	18	77	50	900
AGBL2E09	2.5	20.5	87.5	50	900
AGBL0310	3	23	93	30	540
AGBL0411	4	29	104	30	480
AGBL0512	5	33	120	30	240
AGBL0614	6	38	141	30	240
AGBL0715	7	41	147	30	240
AGBL0816	8	44	158	20	240
AGBL1018	10	50	180	10	120
AGBL1220	12	57	199	10	80

**Ball Point Hex Key Wrench**



**AHBL - Long Type**

ITEM NO.	SIZE (inch)	L1 (mm)	L2 (mm)	⚙️	📦
AHBL0208	1/16	18.3	60.2	30	540
AHBL2E08	5/64	19.9	65.3	30	540
AHBL0309	3/32	21.5	69.5	30	540
AHBL0410	1/8	24.6	100.8	30	540
AHBL0511	5/32	27.6	111.2	30	240
AHBL0612	3/16	31	121.5	30	240
AHBL0814	1/4	37.4	142.1	30	240
AHBL1016	5/16	42	162.7	20	240
AHBL1217	3/8	46.8	183.3	10	120

**Spline Key Wrench**



**AGGS - Short Type**

ITEM NO.	SIZE	L1 (mm)	L2 (mm)	⚙️	📦
AGGS0508	M5	29	83	30	240
AGGS0608	M6	33	90	30	240
AGGS0809	M8	39	98	25	200
AGGS1010	M10	44	111	25	200
AGGS1211	M12	52.5	125.5	15	120
AGGS1414	M14	69.5	155.5	10	80



**14PCS Short Type Hex Key Wrench Set**



ITEM NO.	CONTENTS
GPAQ1401	AGAS0205-1920 2, 2.5, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 17, 19 mm

**11PCS Heavy Duty Extra Long Type Ball Point Hex Key Wrench Set**



ITEM NO.	CONTENTS
GPAQ1101	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm Tube Handle 5x6, 8x10 mm

**9PCS Extra Long Type Ball Point Hex Key Wrench Set**

- TOPTUL ball point hex key wrench is made of high-level Nickel Chrome Molybdenum Alloy Steel (SNCM+V tool steel)
- Premium quality steel is well tempered and hardened for maximum hardness and strength
- Precision machined hex tip enables for full tool engagement in the screw
- Special ball end design allows key to be used up to 35° angle from screw head
- Fine and smooth surface of stain chrome plating with black phosphate finished in ball end allows the tools to operate with less friction and ensure maximum wear resistance, durability and corrosion resistance



ITEM NO.	CONTENTS
GAAE0926	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm

Ball point design on long-arm of key wrench to insert the tool quickly into screw and work at an angle in confined spaces



# Hex Key Wrench Set

TOPTUL hex key wrench is made of high grade Nickel Chrome Molybdenum Alloy Steel (SNCM+V tool steel). Premium quality steel is well tempered and hardened for maximum hardness and strength. Precision machined hex tip enables for full tool engagement in the screw. Fine and smooth surface of special satin chrome plating allows the tools to operate with less friction and ensures maximum wear resistance, durability and corrosion resistance.

## Hexagon & Star Keys

**9PCS**  
Short Type Hex Key Wrench Set



**ITEM NO.** CONTENTS  
GAAL0910 \* AGAS0205-1012  
1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm

**9PCS**  
Short Type Star Key Wrench Set



**ITEM NO.** CONTENTS  
GAAL0913 \* AIAS1050-5012  
T10, T15, T20, T25, T27, T30, T40, T45, T50

**9PCS**  
Extra Long Type Ball Point Hex Key Wrench Set (Short-Arm Hex Key End Type)



**ITEM NO.** CONTENTS  
GAAL0922 \* 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm

**9PCS**  
Long Type Hex Key Wrench Set



**ITEM NO.** CONTENTS  
GAAL0911 \* AGAL1E08-1018  
1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm

**9PCS**  
Long Type Star Key Wrench Set



**ITEM NO.** CONTENTS  
GAAL0914 \* AIAL1007-5018  
T10, T15, T20, T25, T27, T30, T40, T45, T50

**9PCS**  
Extra Long Type Hex Key Wrench Set



**ITEM NO.** CONTENTS  
GAAL0912 \* AGAE1E09-1023  
1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm

**9PCS**  
Extra Long Type Star Key Wrench Set



**ITEM NO.** CONTENTS  
GAAL0924 \* AIAE1010-5023  
T10, T15, T20, T25, T27, T30, T40, T45, T50

**9PCS**  
Extra Long Type Star Key Wrench Set (Short-Arm Star Key End Type)



**ITEM NO.** CONTENTS  
GAAL0923 \* T10, T15, T20, T25, T27, T30, T40, T45, T50

**9PCS**  
Long Type Ball Point Hex Key Wrench Set



**ITEM NO.** CONTENTS  
GAAL0916 \* AGBL1E08-1018  
1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm

**9PCS**  
Long Type Star Tamperproof Key Wrench Set



**ITEM NO.** CONTENTS  
GAAL0919 \* T10, T15, T20, T25, T27, T30, T40, T45, T50

**7PCS**  
Short Type Star Key Wrench Set



**ITEM NO.** CONTENTS  
GAAL0705 \* AIAS1050-4010  
T10, T15, T20, T25, T27, T30, T40

**9PCS**  
Long Type Ball Point Hex Key Wrench Set



**ITEM NO.** CONTENTS  
GBAL0901 \* AHBL0208-1217  
1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8"

**9PCS**  
Extra Long Type Star Tamperproof Key Wrench Set



**ITEM NO.** CONTENTS  
GAAL0915 \* AIBE1009-5023  
T10, T15, T20, T25, T27, T30, T40, T45, T50

**7PCS**  
Short Type Hex Key Wrench Set



**ITEM NO.** CONTENTS  
GAAL0701 \* AGAS2E06-1012  
2.5, 3, 4, 5, 6, 8, 10 mm

**9PCS**  
Extra Long Type Ball Point Hex Key Wrench Set



**ITEM NO.** CONTENTS  
GAAL0917 \* AGBE1E09-1023  
1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm

**9PCS**  
Color-Ring Extra Long Type Ball Point Hex Key Wrench Set



**ITEM NO.** CONTENTS  
GAAL0918 \* 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm

**7PCS**  
Long Type Ball Point Hex Key Wrench Set



**ITEM NO.** CONTENTS  
GAAL0704 \* AGBL2E09-1018  
2.5, 3, 4, 5, 6, 8, 10 mm

**9PCS**  
Extra Long Type Ball Point Hex Key Wrench Set (Extractor)

- Made of high grade Nickel Chrome Molybdenum Alloy Steel (SNCM+V tool steel)
- Patented design spiral hex drive key end allows easy removal of damaged or rounded out hex screws/bolts
- Ball type hexagon end also allows key to be used up to 30° angle from screw head recess
- Satin-chrome plating for fine corrosion resistance and durability



**ITEM NO.** CONTENTS  
GAAL0927 \* AGME1E09-1023  
1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm

**9PCS**  
Extra Long Type Ball End Star & Tamperproof Key Wrench Set

- Made of S2 Alloy Steel Material
- Ball End allows key to be used up to 20° angle from screwhead



**ITEM NO.** CONTENTS  
GAAL0928 \* T10, T15, T20, T25, T27, T30, T40, T45, T50







**7-in-1 Folding Hex Key Set**  
 • Ultra light weight & high strength compact anodized Aluminum Alloy handle  
 • Hex key is made of heat-treated chrome vanadium steel for maximum strength and durability  
 • Precision machined hex tips for exact fit  
 • Chrome-plated finish provides excellent corrosion resistance



ITEM NO.	CONTENTS	12
AGFH0701	2.5, 3, 4, 5, 6, 8, 10 mm	

**8-in-1 Folding Star Key Set**  
 • Ultra light weight & high strength compact anodized Aluminum Alloy handle  
 • Star key is made of heat-treated chrome vanadium steel for maximum strength and durability  
 • Precision machined star tips for exact fit  
 • Chrome-plated finish provides excellent corrosion resistance



ITEM NO.	CONTENTS	12
AIFH0801	T9, T10, T15, T20, T25, T27, T30, T40	

**5PCS Spline Key Wrench Set**



ITEM NO.	CONTENTS	40 (SET)
GAAD0501	AGGS0508-1211 M5, M6, M8, M10, M12	
METAL CASE: W152 x D89 x H17 (mm)		

**7-in-1 Foldable Hex Key Wrench Set**



ITEM NO.	CONTENTS	16
AGFB0703	2.5, 3, 4, 5, 6, 8, 10 mm	

**8-in-1 Foldable Star Key Wrench Set**



ITEM NO.	CONTENTS	16
AIFB0801	T9, T10, T15, T20, T25, T27, T30, T40	

**7-in-1 Foldable Hex Key Wrench Set**



ITEM NO.	CONTENTS	16
AGFB0701	2, 2.5, 3, 4, 5, 6, 8 mm	

**8-in-1 Foldable Star Key Wrench Set**



ITEM NO.	CONTENTS	16
AIFB0802	T6, T7, T8, T9, T10, T15, T20, T25	

**T-Type Hex Key Wrench**



ITEM NO.	SIZE (mm)	L1 (mm)	L2 (mm)	10	20
AGDB0213	2	65	125	25	100
AGDB2E13	2.5	65	125	25	100
AGDB0313	3	65	125	25	100
AGDB3E13	3.5	65	125	25	100
AGDB0418	4	90	180	25	100
AGDAE418	4.5	90	180	20	100
AGDB0518	5	90	180	25	100
AGDB0621	6	105	210	25	100
AGDA0721	7	105	210	20	100
AGDB0825	8	125	250	25	100
AGDB1030	10	145	300	25	50
AGDA1232	12	165	320	10	30
AGDA1434	14	170	340	10	20

**9PCS Extra Long Type Hex Key Wrench Set**



ITEM NO.	CONTENTS	10 (SET)
GAAD1509	3, 4, 5, 6, 8, 10, 12, 14 mm 1 Knife Type 1.5-6 mm	
METAL CASE: W313 x D103 x H32 (mm)		



**NEW INNOVATION MODEL TOPTUL L-Handle Key Wrench Series**



**Features:**

- Expert quality, hardened and tempered SNCM+V Alloy Steel
- Ergonomic designed L-Handle allows comfortable and effective use of either end of key
- Professional Satin-Chrome plating with black hardened tip
- Anti-slip bi-component PP+TPR material soft grip handle

• Available in two ways of Spherical & Hexagon, Hexagon & Hexagon and Star & Tamperproof key wrenches

**L-Type Two Way Hex Key Wrench**



ITEM NO.	SIZE (mm)	L1 (mm)	L2 (mm)	5	80
AGHD0214	2	77	140	5	80
AGHD2E14	2.5	77	140	5	80
AGHD0314	3	77	140	5	80
AGHD0414	4	77	140	5	80
AGHD0520	5	97	203	5	40
AGHD0620	6	97	203	5	40
AGHD0720	7	97	203	5	40
AGHD0827	8	116	265	5	30
AGHD1027	10	116	265	5	30
AGHD1227	12	116	265	5	30

**L-Type Two Way Ball Point & Hex Key Wrench**



ITEM NO.	SIZE (mm)	L1 (mm)	L2 (mm)	5	80
AGCD0214	2	77	140	5	80
AGCD2E14	2.5	77	140	5	80
AGCD0314	3	77	140	5	80
AGCD0414	4	77	140	5	80
AGCD0520	5	97	203	5	40
AGCD0620	6	97	203	5	40
AGCD0720	7	97	203	5	40
AGCD0827	8	116	265	5	30
AGCD1027	10	116	265	5	30
AGCD1227	12	116	265	5	30

**L-Type Two Way Star & Tamperproof Key Wrench**



ITEM NO.	SIZE (mm)	L1 (mm)	L2 (mm)	5	80
AIED1014	T10	77	140	5	80
AIED1514	T15	77	140	5	80
AIED2014	T20	77	140	5	80
AIED2514	T25	77	140	5	80
AIED2720	T27	97	203	5	40
AIED3020	T30	97	203	5	40
AIED4020	T40	97	203	5	40
AIED4527	T45	116	265	5	30
AIED5027	T50	116	265	5	30

**9PCS L-Type Two Way Hex Key Wrench Set**



ITEM NO.	CONTENTS	5 (SET)
GZC0906	AGHD0214-1027 L-Type Two Way Hex Key Wrenches 2x140, 2.5x140, 3x140, 4x140, 5x203, 6x203, 7x203, 8x265, 10x265 mm	
PLASTIC BOX: W373 x D289 x H56 (mm)		

**9PCS L-Type Two Way Ball Point & Hex Key Wrench Set**



ITEM NO.	CONTENTS	5 (SET)
GZC0903	AGCD0214-1027 L-Type Two Way Ball Point & Hex Key Wrenches 2x140, 2.5x140, 3x140, 4x140, 5x203, 6x203, 7x203, 8x265, 10x265 mm	
PLASTIC BOX: W373 x D289 x H56 (mm)		

**9PCS L-Type Two Way Star & Tamperproof Key Wrench Set**



ITEM NO.	CONTENTS	5 (SET)
GZC0904	AIED1014-5027 L-Type Two Way Star & Tamperproof Key Wrenches T10x140, T15x140, T20x140, T25x140, T27x203, T30x203, T40x203, T45x265, T50x265	
PLASTIC BOX: W373 x D289 x H56 (mm)		



**8PCS**  
L-Type Two Way Hex Key Wrench Set



ITEM NO.	CONTENTS	9 (SET)
GAAX0802	AGHD0214-1027 2, 2.5, 3, 4, 5, 6, 8, 10 mm	

**8PCS**  
L-Type Two Way Ball Point & Hex Key Wrench Set



ITEM NO.	CONTENTS	9 (SET)
GAAX0801	AGCD0214-1027 2, 2.5, 3, 4, 5, 6, 8, 10 mm	

**9PCS**  
L-Type Two Way Star & Tamperproof Key Wrench Set



ITEM NO.	CONTENTS	9 (SET)
GAAX0901	AIED1014-5027 T10, T15, T20, T25, T27, T30, T40, T45, T50	

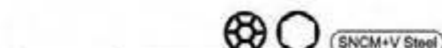
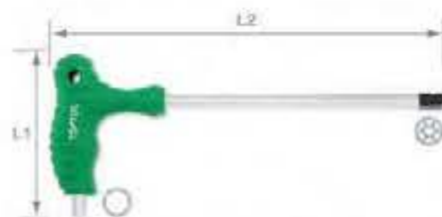
**L-Type Two Way Magnetic Bit Holder Handle**

- Made of Chrome Vanadium Alloy Steel
- 1/4" (H) Magnetic Stainless Steel Bit Holder



ITEM NO.	Hex (inch)	L1 (mm)	L2 (mm)	5	30
FTFC0820	1/4	118	203		

**L-Type Two Way Ball Point & Hex Key Wrench**



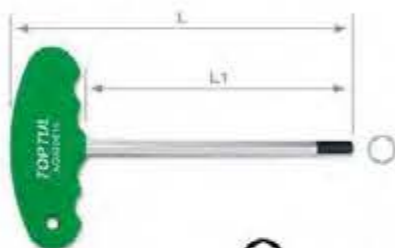
ITEM NO.	SIZE (mm)	L1 (mm)	L2 (mm)	5	30
AGCA0215	2	76	140	5	80
AGCA2E15	2.5	76	140	5	80
AGCA0315	3	76	140	5	80
AGCA0415	4	76	140	5	80
AGCA0521	5	96	203	5	40
AGCA0621	6	96	203	5	40
AGCA0828	8	115	262	5	30
AGCA1028	10	115	262	5	30

**L-Type Two Way Star & Tamperproof Key Wrench**



ITEM NO.	SIZE	L1 (mm)	L2 (mm)	5	30
AIEA1015	T10	76	142	5	60
AIEA1515	T15	76	142	5	60
AIEA2015	T20	76	142	5	60
AIEA2515	T25	76	142	5	60
AIEA2721	T27	95	206	5	40
AIEA3021	T30	95	206	5	40
AIEA4021	T40	95	206	5	40
AIEA4528	T45	115	261	5	30
AIEA5028	T50	115	261	5	30

**T-Type Hex Key Wrench**



ITEM NO.	SIZE (mm)	L1 (mm)	L (mm)	5	30
AGAI0219	2	150	186	10	60
AGAI2E19	2.5	150	186	10	60
AGAI0319	3	150	186	10	60
AGAI0419	4	150	186	10	60
AGAI0519	5	150	188	8	48
AGAI0619	6	150	188	8	48
AGAI0819	8	150	190	8	48
AGAI1019	10	150	190	8	48

ITEM NO.	SIZE (inch)	L1 (mm)	L (mm)	5	30
AHAI0419	1/8	150	186	10	60
AHAI0519	5/32	150	186	10	60
AHAI0619	3/16	150	188	8	48
AHAI0819	1/4	150	188	8	48
AHAI1019	5/16	150	190	8	48
AHAI1219	3/8	150	190	8	48

**6PCS**  
Two Way Ball Point & Hex Key Wrench Set



ITEM NO.	CONTENTS	10 (SET)
GAAS0601	AGCA0215-0621 2, 2.5, 3, 4, 5, 6 mm	

**6PCS**  
Two Way Star & Tamperproof Key Wrench Set



ITEM NO.	CONTENTS	10 (SET)
GAAS0602	AIEA1015-4021 T10, T15, T20, T25, T30, T40	

PROFESSIONAL  
HAND TOOLS

**SCREWDRIVERS,  
BITS & POWER BITS  
SERIES**

The conventional equipment contains Phillips, Slotted, Pozidriv & Star Tamperproof types.



**Pro-Series Anti-Slip Screwdrivers**

Ergonomic soft handle design, comfort and practicality are the notable features of this super-grip handle. The special, new developed anti-slip soft plastic material on the handle is delicately formed to fit users' palm shapes, so the comfort is doubtless.



**Pro-Series Slotted Anti-Slip Screwdrivers**

- Expert quality, specially hardened and tempered SNCM+V Steel round blade
- High performance black hardened, magnetic tip
- Ergonomic designed handle provides optimum comfort and slip resistance grip
- Improved PP+special soft plastic material for better anti-alkali, acid and corrosion effect

**Pro-Series Phillips Anti-Slip Screwdrivers**

- Expert quality, specially hardened and tempered SNCM+V Steel round blade
- High performance black hardened, magnetic tip
- Ergonomic designed handle provides optimum comfort and slip resistance grip
- Improved PP+special soft plastic material for better anti-alkali, acid and corrosion effect

**5PCS Slotted & Phillips Super-Grip Screwdriver Set**



TYPE	ITEM NO.	SIZE (mm)	L1 (mm)	L (mm)	⊕	⊖
	FAAD0410	4 0.8	100	215	5	40
	FAAD5E10	5.5 1.0	100	215	5	40
	FAAD5E15	5.5 1.0	150	265	5	40
	FAAD6E10	6.5 1.2	100	215	5	40
	FAAD6E15	6.5 1.2	150	265	5	40

TYPE	ITEM NO.	SIZE	L1 (mm)	L (mm)	⊕	⊖
	FBAD0110	PH1 100	215	5	40	
	FBAD0210	PH2 100	215	5	40	
	FBAD0215	PH2 150	265	5	40	

ITEM NO.	CONTENTS	⊕	⊖
GAAE0507	3 FAAD0410-6E15 4 Slotted Anti-Slip Screwdrivers 4x100, 5.5x100, 6.5x150 2 FBAD0110 & 0210 2 Phillips Anti-Slip Screwdrivers PH1x100 & PH2x100	20	(set)

**Stubby Slotted Anti-Slip Screwdrivers**

- Expert quality, specially hardened and tempered SNCM+V Steel round blade
- High performance black hardened, magnetic tip
- PP+TPR material non-slippery grip handle



TYPE	ITEM NO.	SIZE (mm)	L1 (mm)	L (mm)	⊕	⊖
	FABB0403	4 0.8	25	85	5	80
	FABB5E03	5.5 1.0	25	85	5	80
	FABB6E03	6.5 1.2	25	85	5	80

**Stubby Phillips Anti-Slip Screwdrivers**

- Expert quality, specially hardened and tempered SNCM+V Steel round blade
- High performance black hardened, magnetic tip
- PP+TPR material non-slippery grip handle



TYPE	ITEM NO.	SIZE	L1 (mm)	L (mm)	⊕	⊖
	FBBB0103	PH1 25	85	5	80	
	FBBB0203	PH2 25	85	5	80	

**Stubby Pozidriv Anti-Slip Screwdrivers**

- Professional S2 Alloy Steel round blade
- High performance black hardened, magnetic tip
- PP+TPR material non-slippery grip handle



TYPE	ITEM NO.	SIZE	L1 (mm)	L (mm)	⊕	⊖
	FCBB0103	PZ1 25	85	5	80	
	FCBB0203	PZ2 25	85	5	80	

**Slotted Anti-Slip Screwdrivers**

- Expert quality, specially hardened and tempered SNCM+V Steel round blade
- High performance black hardened, magnetic tip
- Precision-machined parallel faces enables flush contact with the sides of the slot in the screw head
- PP+TPR material non-slippery grip handle



TYPE	ITEM NO.	SIZE (mm)	L1 (mm)	L (mm)	⊕	⊖
	FNAB2E08	2.5 0.4	75	162	5	40
	FNAB0308	3 0.5	75	162	5	40
	FNAB3E10	3.5 0.6	100	187	5	40
	FNAB3E15	3.5 0.6	150	237	5	40
	FNAB0415	4 0.8	150	265	5	40



**Slotted Anti-Slip Screwdrivers**

- Expert quality, specially hardened and tempered SNCM+V Steel round blade
- High performance black hardened, magnetic tip
- PP+TPR material non-slippery grip handle



TYPE	ITEM NO.	SIZE (mm)	L1 (mm)	L (mm)	⊕	⊖
	FAAB0308	3 0.5	75	162	5	40
	FAAB3E10	3.5 0.6	100	187	5	40
	FAAB0410	4 0.8	100	205	5	40
	FAAB0510	5 0.8	100	205	5	40
	FAAB5E10	5.5 1.0	100	215	5	40
	FAAB5E15	5.5 1.0	150	265	5	40
	FAAB6E10	6.5 1.2	100	215	5	40
	FAAB6E15	6.5 1.2	150	265	5	40
	FAAB6E20	6.5 1.2	200	315	5	30
	FAAB0818	8 1.2	175	300	5	40
	FAAB1020	10 1.6	200	325	5	30

**Phillips Anti-Slip Screwdrivers**

- Expert quality, specially hardened and tempered SNCM+V Steel round blade
- High performance black hardened, magnetic tip
- PP+TPR material non-slippery grip handle



TYPE	ITEM NO.	SIZE	L1 (mm)	L (mm)	⊕	⊖
	FBAB0006	PH0 80	147	5	40	
	FBAB0108	PH1 80	185	5	40	
	FBAB0110	PH1 100	205	5	40	
	FBAB0210	PH2 100	215	5	40	
	FBAB0215	PH2 150	265	5	40	
	FBAB0220	PH2 200	315	5	30	
	FBAB0315	PH3 150	275	5	30	

**Pozidriv Anti-Slip Screwdrivers**

- Professional S2 Alloy Steel round blade
- High performance black hardened, magnetic tip
- PP+TPR material non-slippery grip handle



TYPE	ITEM NO.	SIZE	L1 (mm)	L (mm)	⊕	⊖
	FCAB0006	PZ0 80	147	5	40	
	FCAB0108	PZ1 80	185	5	40	
	FCAB0210	PZ2 100	215	5	40	
	FCAB0315	PZ3 150	275	5	30	

**Star Anti-Slip Screwdrivers**

- Professional S2 Alloy Steel round blade
- High performance black hardened, magnetic tip
- PP+TPR material non-slippery grip handle



TYPE	ITEM NO.	SIZE	L1 (mm)	L (mm)	⊕	⊖
	FFAB0608	T6 75	162	5	40	
	FFAB0708	T7 75	162	5	40	
	FFAB0808	T8 75	162	5	40	
	FFAB0908	T9 75	162	5	40	
	FFAB1008	T10 75	162	5	40	
	FFAB1508	T15 75	180	5	40	
	FFAB2010	T20 100	205	5	40	
	FFAB2510	T25 100	215	5	40	
	FFAB2710	T27 100	215	5	40	
	FFAB3013	T30 125	240	5	40	
	FFAB4015	T40 150	275	5	40	

**Star Tamperproof Anti-Slip Screwdrivers**

- Professional S2 Alloy Steel round blade
- High performance black hardened, magnetic tip
- PP+TPR material non-slippery grip handle



TYPE	ITEM NO.	SIZE	L1 (mm)	L (mm)	⊕	⊖
	FEAB0808	T8 75	162	5	40	
	FEAB0908	T9 75	162	5	40	
	FEAB1008	T10 75	162	5	40	
	FEAB1508	T15 75	180	5	40	
	FEAB2010	T20 100	205	5	40	
	FEAB2510	T25 100	215	5	40	
	FEAB2710	T27 100	215	5	40	
	FEAB3013	T30 125	240	5	40	
	FEAB4015	T40 150	275	5	40	

**Square Anti-Slip Screwdrivers**

- Expert quality, specially hardened and tempered SNCM+V Steel round blade
- High performance black hardened, magnetic tip
- PP+TPR material non-slippery grip handle



TYPE	ITEM NO.	SIZE	L1 (mm)	L (mm)	⊕	⊖
	FJAB0110	SQ1 100	215	5	40	
	FJAB0213	SQ2 125	240	5	40	
	FJAB0315	SQ3 150	265	5	30	



**Extra Long Slotted Anti-Slip Screwdrivers**

- Expert quality, specially hardened and tempered SNCM+V Steel round blade
- High performance black hardened, magnetic tip
- PP+TPR material non-slippery grip handle



TYPE	ITEM NO.	(mm)	(mm)	L1 (mm)	L (mm)	⚙️	♻️
	FACB0440	4	0.8	400	505	5	10
	FACB5E40	5.5	1.0	400	515	5	10
	FACB6E25	6.5	1.2	250	365	5	30
	FACB6E30	6.5	1.2	300	415	5	10
	FACB6E40	6.5	1.2	400	515	5	10
	FACB1030	10	1.6	300	425	5	10
	FACB1040	10	1.6	400	525	5	10

**Slotted Anti-Slip Screwdrivers (Hexagon Steel & Hexagon Driver)**

- Expert quality, specially hardened and tempered SNCM+V Steel hexagonal blade
- Strong grip on blade with hex shoulder to use on a wrench for extra leverage
- High performance black hardened, magnetic tip
- PP+TPR material non-slippery grip handle



TYPE	ITEM NO.	(mm)	(mm)	L1 (mm)	L (mm)	⚙️	♻️
	FAHB5E10	5.5	1.0	100	205	5	40
	FAHB6E15	6.5	1.2	150	265	5	40
	FAHB0818	8	1.2	175	300	5	40
	FAHB1020	10	1.6	200	325	5	30

**Go-Thru Slotted Screwdrivers (Hexagon Steel & Hexagon Driver)**

- Expert quality, specially hardened and tempered SNCM+V Steel hexagonal blade
- Strong grip on blade with hex shoulder to use on a wrench for extra leverage
- High performance black hardened, magnetic tip
- PP+TPR material non-slippery grip handle



TYPE	ITEM NO.	(mm)	(mm)	L1 (mm)	L (mm)	⚙️	♻️
	FAGB5E10	5.5	1.0	100	215	5	40
	FAGB6E15	6.5	1.2	150	265	5	40
	FAGB0818	8	1.2	175	300	5	40
	FAGB1020	10	1.6	200	325	5	30

**Go-Thru Extra Long Slotted Screwdrivers (Hexagon Steel & Hexagon Driver)**

- Expert quality, specially hardened and tempered SNCM+V Steel hexagonal blade
- Strong grip on blade with hex shoulder to use on a wrench for extra leverage
- High performance black hardened, magnetic tip
- PP+TPR material non-slippery grip handle



TYPE	ITEM NO.	(mm)	(mm)	L1 (mm)	L (mm)	⚙️	♻️
	FALB1025	10	1.6	250	375	5	20
	FALB1030	10	1.6	300	425	5	10
	FALB1040	10	1.6	400	525	5	10

**Extra Long Phillips Anti-Slip Screwdrivers**

- Expert quality, specially hardened and tempered SNCM+V Steel round blade
- High performance black hardened, magnetic tip
- PP+TPR material non-slippery grip handle



TYPE	ITEM NO.	SIZE	L1 (mm)	L (mm)	⚙️	♻️
	FBCB0125	PH1 250	355	5	30	
	FBCB0140	PH1 400	505	5	10	
	FBCB0225	PH2 250	365	5	30	
	FBCB0230	PH2 300	415	5	10	
	FBCB0240	PH2 400	515	5	10	

**Phillips Anti-Slip Screwdrivers (Hexagon Steel & Hexagon Driver)**

- Expert quality, specially hardened and tempered SNCM+V Steel hexagonal blade
- Strong grip on blade with hex shoulder to use on a wrench for extra leverage
- High performance black hardened, magnetic tip
- PP+TPR material non-slippery grip handle



TYPE	ITEM NO.	SIZE	L1 (mm)	L (mm)	⚙️	♻️
	FBHB0108	PH1 75	180	5	40	
	FBHB0210	PH2 100	215	5	40	
	FBHB0315	PH3 150	275	5	30	

**Go-Thru Phillips Screwdrivers (Hexagon Steel & Hexagon Driver)**

- Expert quality, specially hardened and tempered SNCM+V Steel hexagonal blade
- Strong grip on blade with hex shoulder to use on a wrench for extra leverage
- High performance black hardened, magnetic tip
- PP+TPR material non-slippery grip handle



TYPE	ITEM NO.	SIZE	L1 (mm)	L (mm)	⚙️	♻️
	FBGB0108	PH1 75	190	5	40	
	FBGB0210	PH2 100	215	5	40	
	FBGB0215	PH2 150	265	5	40	
	FBGB0315	PH3 150	275	5	30	

**Flexible Spinner Handle**

- Chrome Vanadium Steel
- Extra harden and high durability
- Anti-slip ergonomic designed handle



ITEM NO.	DRIVE (inch)	L1 (mm)	L (mm)	⚙️	♻️
CASP0829	1/4	175	200	5	40

**Flexible Bit Holder with Handle**

- Chrome Vanadium Steel
- Extra harden and high durability
- Anti-slip ergonomic designed handle



ITEM NO.	HEX (inch)	L1 (mm)	L (mm)	⚙️	♻️
FTCA0829	1/4	175	200	5	40

**Magnetic Bit Holder with Handle**

- Chrome Vanadium Steel
- Extra hardened and high durability
- Anti-slip ergonomic designed handle



ITEM NO.	HEX (inch)	L1 (mm)	L (mm)	⚙️	♻️
FTBA0824	1/4	125	240	5	40

**Nutspinner**

- Chrome Vanadium Steel
- Extra harden and high durability
- Anti-slip ergonomic designed handle



ITEM NO.	SIZE (mm)	L1 (mm)	L (mm)	⚙️	♻️
FGAB0413	4	125	230	5	40
FGAB0513	5	125	230	5	40
FGAB0613	6	125	230	5	40
FGAB0713	7	125	230	5	40
FGAB0813	8	125	240	5	40
FGAB0913	9	125	240	5	40
FGAB1013	10	125	240	5	40
FGAB1113	11	125	250	5	30
FGAB1213	12	125	250	5	30
FGAB1313	13	125	250	5	30

**58PCS Professional Grade Screwdriver & Bit Set**



- ITEM NO. GAAIS01
- CONTENTS
- 3 FAJB0205-0305 Precision Slotted Screwdrivers 2x50, 2.5x50, 3x50
  - 3 FBIB1005 & 2005 Precision Phillips Screwdrivers PH10x50 & PH100x50
  - 3 FFIB1005-2005 Precision Star Screwdrivers T10x50, T15x50, T20x50
  - 3 FABB5E03 & 6E03 Stubby Slotted Anti-Slip Screwdrivers 5.5x25 & 6.5x25
  - 3 FBBB0103 & 0203 Stubby Phillips Anti-Slip Screwdrivers PH1x25 & PH2x25
  - 4 FBAB0006-0315 Phillips Anti-Slip Screwdrivers PH0x60, PH1x80, PH2x100, PH3x150
  - 4 FAAB0410-0818 Slotted Anti-Slip Screwdrivers 4x100, 5.5x100, 6.5x150, 8x175
  - 4 FSAAB003-0808 1/4" Hex Shank Slotted Insert Bits 3, 4, 5.5, 6.5, 8 mm
  - 4 FSBA0800-0803 1/4" Hex Shank Phillips Insert Bits PH0, PH1, PH2, PH3
  - 4 FSCA0800-0803 1/4" Hex Shank Pozo Insert Bits PZ0, PZ1, PZ2, PZ3
  - 7 FSDA0802-0808 1/4" Hex Shank Hexagon Insert Bits 2, 2.5, 3, 4, 5, 6, 8 mm
  - 7 FSEA0810-0840 1/4" Hex Shank Star Insert Bits T10, T15, T20, T25, T27, T30, T40
  - 7 FSGA0810-0840 1/4" Hex Shank Star Tamperproof Insert Bits T10, T15, T20, T25, T27, T30, T40
  - 1 FTCA0829 1/4" (H) Flexible Bit Holder with Handle
  - 1 FTBA0824 1/4" (H) Magnetic Bit Holder with Handle
  - 1 FAJA0315 Voltage Tester, CE Approval - 145mm(L) (Voltage Range 120 - 250 V/AC)
  - 1 FTDC0808 1/4" (H) Magnetic Power Bit Holder
- BLOW CASE: W478 x D234 x H100 (mm)

**Offset Screwdrivers - Slotted**

- Blade made from special high quality SVCM tool steel
- Ideal for use in confined spaces



TYPE	ITEM NO.	(mm)	(mm)	L1 (mm)	L2 (mm)	⚙️	♻️
	FAKA3E3E	3.5	0.6	10	90	20	640
	FAKA0404	4.0	0.8	12	100	15	240
	FAKA5E5E	5.5	1.0	16	125	15	240
	FAKA0808	8.0	1.2	20	150	15	240
	FAKA1010	10	1.6	25	175	5	80

**Offset Screwdrivers - Phillips**

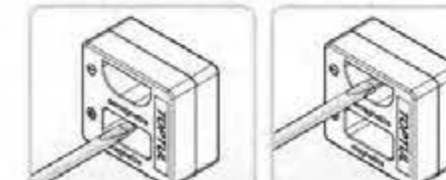
- Blade made from special high quality SVCM tool steel
- Ideal for use in confined spaces



TYPE	ITEM NO.	SIZE	L1 (mm)	L2 (mm)	⚙️	♻️
	FBKA0102	PH1xPH2 20	100	15	240	
	FBKA0304	PH3xPH4 30	200	5	40	

**Magnetizer & Demagnetizer**

- High-quality plastic, shock resistant, with two permanent magnets
- Designed for magnetizing or demagnetizing screwdriver blades, tweezers and similar steel tools



ITEM NO.	SIZE (W)x(D)x(H)mm	⚙️	♻️
PWAM0505	55x50x28	10	120

Instructions  
Insert the screwdriver blades through the bottom, rectangular opening (+) to magnetize blades or through the top opening (-) to demagnetize blades.



**TOPTUL**  
SCREWDRIVER SERIES



**4PCS**  
Phillips Super-Grip Screwdriver Set



**ITEM NO.** GAAE0401  
**CONTENTS**  
4 FBAB0006-0315  
Phillips Anti-Slip Screwdrivers  
PH0x60, PH1x80, PH2x100, PH3x150

**5PCS**  
Slotted Super-Grip Screwdriver Set



**ITEM NO.** GAAE0503  
**CONTENTS**  
5 FAAB0308-6E15  
Slotted Anti-Slip Screwdrivers  
3x75, 3.5x100, 4x100, 5.5x100, 6.5x150

**6PCS**  
Star Tamperproof Super-Grip Screwdriver Set



**ITEM NO.** GAAE0610  
**CONTENTS**  
6 FEAB1008-4015  
Star Tamperproof Anti-Slip Screwdrivers  
T10x75, T15x75, T20x100, T25x100, T30x125, T40x150

**5PCS**  
Slotted & Phillips Super-Grip Screwdriver Set



**ITEM NO.** GAAE0504  
**CONTENTS**  
5 FAAB5E10-0818  
Slotted Anti-Slip Screwdrivers  
5.5x100, 6.5x150, 8x175  
3 FBAB0108 & 0210  
Phillips Anti-Slip Screwdrivers  
PH1x80 & PH2x100

**6PCS**  
Slotted & Phillips Super-Grip Screwdriver Set



**ITEM NO.** GAAE0611  
**CONTENTS**  
6 FAAB0410-1020  
Slotted Anti-Slip Screwdrivers  
4x100, 6.5x150, 10x200  
3 FBAB0108-0315  
Phillips Anti-Slip Screwdrivers  
PH1x80, PH2x100, PH3x150

**6PCS**  
Slotted & Pozidriv Super-Grip Screwdriver Set



**ITEM NO.** GAAE0604  
**CONTENTS**  
6 FAAB0308-6E15  
Slotted Anti-Slip Screwdrivers  
3x75, 4x100, 5.5x100, 6.5x150  
3 FCAB0108 & 0210  
Pozidriv Anti-Slip Screwdrivers  
PZ1x80 & PZ2x100

**6PCS**  
Go-Thru Slotted & Phillips Screwdriver Set  
(Hexagon Steel & Hexagon Driver)



**ITEM NO.** GAAE0605  
**CONTENTS**  
6 FAGB5E10-1020  
Go-Thru Slotted Screwdrivers  
(Hexagon Steel & Hexagon Driver)  
5.5x100, 6.5x150, 8x175, 10x200  
3 FBGB0108 & 0210  
Go-Thru Phillips Screwdrivers  
(Hexagon Steel & Hexagon Driver)  
PH1x75 & PH2x100

**6PCS**  
Go-Thru Slotted & Phillips Screwdriver Set  
(Hexagon Steel & Hexagon Driver)



**ITEM NO.** GAAE0613  
**CONTENTS**  
6 FAGB5E10-0818  
Go-Thru Slotted Screwdrivers  
(Hexagon Steel & Hexagon Driver)  
5.5x100, 6.5x150, 8x175  
3 FBGB0108-0315  
Go-Thru Phillips Screwdrivers  
(Hexagon Steel & Hexagon Driver)  
PH1x75, PH2x100, PH3x150

**6PCS**  
Slotted & Phillips Super-Grip Screwdriver Set  
(Hexagon Steel & Hexagon Driver)



**ITEM NO.** GAAE0608  
**CONTENTS**  
6 FAHB5E10-1020  
Slotted Anti-Slip Screwdrivers  
(Hexagon Steel & Hexagon Driver)  
5.5x100, 6.5x150, 8x175, 10x200  
3 FBHB0108 & 0210  
Phillips Anti-Slip Screwdrivers  
(Hexagon Steel & Hexagon Driver)  
PH1x75 & PH2x100

**8PCS**  
Slotted & Phillips Super-Grip Screwdriver Set



**ITEM NO.** GAAE0807  
**CONTENTS**  
8 FAAB3E10-0818  
Slotted Anti-Slip Screwdrivers  
3.5x100, 4x100, 5.5x100, 6.5x150, 8x175  
3 FBAB0006-0210  
Phillips Anti-Slip Screwdrivers  
PH0x60, PH1x80, PH2x100

**3PCS**  
Extra Long Slotted & Phillips Super-Grip Screwdriver Set



**ITEM NO.** GAAE0305  
**CONTENTS**  
3 FACB5E40  
Extra Long Slotted Anti-Slip Screwdriver  
5.5x400  
3 FBCB0125 & 0225  
Extra Long Phillips Anti-Slip Screwdrivers  
PH1x250 & PH2x250

**3PCS**  
Extra Long Slotted & Phillips Super-Grip Screwdriver Set



**ITEM NO.** GAAE0306  
**CONTENTS**  
3 FACB5E40 & 6E40  
Extra Long Slotted Anti-Slip Screwdrivers  
5.5x400 & 6.5x400  
3 FBCB0240  
Extra Long Phillips Anti-Slip Screwdriver  
PH2x400

**8PCS**  
Super-Grip Screwdriver Set



**ITEM NO.** GAAE0821  
**CONTENTS**  
8 FAAB3E10-0818  
Slotted Anti-Slip Screwdrivers  
3.5x100, 4x100, 5.5x100, 6.5x150, 8x175  
1 FBAB0210  
Phillips Anti-Slip Screwdriver  
PH2x100  
1 FCAB0210  
Pozidriv Anti-Slip Screwdriver  
PZ2x100  
1 FJAB0213  
Square Anti-Slip Screwdriver  
SQ2x125

**14PCS**  
Slotted & Phillips Screwdriver Set



**ITEM NO.** G2C1401  
**CONTENTS**  
14 FAAB0308-6E15  
Slotted Anti-Slip Screwdrivers  
3x75, 3.5x100, 4x100, 5.5x150  
3 FAHB5E15 & 0818  
Slotted Anti-Slip Screwdrivers  
(Hexagon Steel & Hexagon Driver)  
6.5x150 & 8x175  
3 FABB5E03 & 6E03  
Stubby Slotted Anti-Slip Screwdrivers  
5.5x25 & 6.5x25  
3 FBAB0006 & 0108  
Phillips Anti-Slip Screwdrivers  
PH0x60 & PH1x80  
3 FBHB0210 & 0315  
Phillips Anti-Slip Screwdrivers  
(Hexagon Steel & Hexagon Driver)  
PH2x100 & PH3x150  
3 FBBB0103 & 0203  
Stubby Phillips Anti-Slip Screwdrivers  
PH1x25 & PH2x25  
**PLASTIC BOX: W373 x D289 x H56 (mm)**

**20PCS**  
Professional Screwdriver & Bit Set



**ITEM NO.** G2C2005  
**CONTENTS**  
4 FAAB0308-6E15  
Slotted Anti-Slip Screwdrivers  
3x75, 3.5x100, 4.0x100, 6.5x150  
1 FABB5E03  
Stubby Slotted Anti-Slip Screwdriver  
5.5x25  
1 FAGB0818  
Go-Thru Slotted Screwdriver  
(Hexagon Steel & Hexagon Driver) - 8x175  
3 FBAB0006-0210  
Phillips Anti-Slip Screwdrivers  
PH0x60, PH1x80, PH2x100  
1 FBBB0203  
Stubby Phillips Anti-Slip Screwdriver  
PH2x25  
1 FCAB0210  
Pozidriv Anti-Slip Screwdriver  
PZ2x100  
1 FJAB0213  
Square Anti-Slip Screwdriver  
SQ2x125  
1 FTBA0806  
1/4" (Hex) Reversible Ratchet Screwdriver  
7 GAAV0701  
1/4" Hex Screwdriver Bit Set  
2, 2.5, 3, 4, 5, 6, 8 mm  
**PLASTIC BOX: W373 x D289 x H56 (mm)**

**11PCS**  
Slotted & Phillips Super-Grip Screwdriver Set



**ITEM NO.** GAAE1101  
**CONTENTS**  
11 FAAB0308-1020  
Slotted Anti-Slip Screwdrivers  
3x75, 3.5x100, 4x100, 5.5x100,  
6.5x150, 8x175, 10x200  
3 FBAB0006-0315  
Phillips Anti-Slip Screwdrivers  
PH0x60, PH1x80, PH2x100, PH3x150





**Precision Slotted Screwdrivers**



TYPE	ITEM NO.	(mm)	(mm)	L1 (mm)	L (mm)	⊕	⊖
	FAIB1B05	1.2	0.25	50	140	5	80
	FAIB1E05	1.5	0.25	50	140	5	80
	FAIB0205	2	0.4	50	140	5	80
	FAIB2E05	2.5	0.4	50	140	5	80
	FAIB0305	3	0.5	50	140	5	80

**8PCS**  
Precision Screwdriver Set (Star Type)



ITEM NO.	CONTENTS	40 (SET)
GAAW0801	<ul style="list-style-type: none"> <li>FFIB0505-2005</li> <li>Precision Star Screwdrivers T5x50, T6x50, T7x50, T8x50, T9x50, T10x50, T15x50, T20x50</li> </ul>	

**8PCS**  
14-In-1 Precision Screwdriver Set



ITEM NO.	CONTENTS	40 (SET)
GAAW0804	<ul style="list-style-type: none"> <li>T6xT10, T7xT15, T8xT20, T9xT25</li> <li>#00x2, #0x3, #1x4</li> <li>1 Screwdriver handle</li> </ul>	

**Precision Phillips Screwdrivers**



TYPE	ITEM NO.	SIZE	L1 (mm)	L (mm)	⊕	⊖
	FBIB1005	PH0	50	140	5	80
	FBIB2005	PH00	50	140	5	80
	FBIB3005	PH000	50	140	5	80

**8PCS**  
Precision Screwdriver Set (Slotted & Phillips Type)



ITEM NO.	CONTENTS	40 (SET)
GAAW0802	<ul style="list-style-type: none"> <li>FAIB1B05-0305</li> <li>Precision Slotted Screwdrivers 1.2x50, 1.5x50, 2x50, 2.5x50, 3x50</li> <li>FBIB1005-3005</li> <li>Precision Phillips Screwdrivers PH0x50, PH00x50, PH000x50</li> </ul>	

**Precision Star Screwdrivers**



TYPE	ITEM NO.	SIZE	L1 (mm)	L (mm)	⊕	⊖
	FFIB0505	T5	50	140	5	80
	FFIB0605	T6	50	140	5	80
	FFIB0705	T7	50	140	5	80
	FFIB0805	T8	50	140	5	80
	FFIB0905	T9	50	140	5	80
	FFIB1005	T10	50	140	5	80
	FFIB1505	T15	50	140	5	80
	FFIB2005	T20	50	140	5	80

**8PCS**  
Precision Screwdriver Set (Slotted, Phillips & Star Type)



ITEM NO.	CONTENTS	40 (SET)
GAAW0803	<ul style="list-style-type: none"> <li>FAIB1E05-0305</li> <li>Precision Slotted Screwdrivers 1.5x50, 2x50, 3x50</li> <li>FBIB1005-3005</li> <li>Precision Phillips Screwdrivers PH0x50, PH00x50, PH000x50</li> <li>FFIB1505 &amp; 2005</li> <li>Precision Star Screwdrivers T15x50 &amp; T20x50</li> </ul>	

**TOPTUL**  
PRECISION SCREWDRIVERS SERIES

**TOPTUL**

**Go-Thru Slotted Screwdrivers**

- Made of expert quality, specially hardened and tempered Chrome Vanadium Alloy Steel
- Through-blade with stand moderate impact on end to free seized fasteners
- Precision machined, magnetic tip ensures a secure fit
- Optimum resilience and performance hexagonal blade with plastic handle
- Ergonomically designed handle provides a slip resistance grip



TYPE	ITEM NO.	(mm)	(mm)	L1 (mm)	L (mm)	⊕	⊖
	FAGE0510	5	0.8	100	210	5	40
	FAGE5E13	5.5	1.0	125	235	5	40
	FAGE6E10	6.5	1.2	100	210	5	40
	FAGE6E15	6.5	1.2	150	260	5	40

**Go-Thru Phillips Screwdrivers**

- Made of expert quality, specially hardened and tempered Chrome Vanadium Alloy Steel
- Through-blade with stand moderate impact on end to free seized fasteners
- Precision machined, magnetic tip ensures a secure fit
- Optimum resilience and performance hexagonal blade with plastic handle
- Ergonomically designed handle provides a slip resistance grip



TYPE	ITEM NO.	SIZE	L1 (mm)	L (mm)	⊕	⊖
	FBGE0110	PH1	100	210	5	40
	FBGE0210	PH2	100	210	5	40
	FBGE0213	PH2	125	235	5	40

**Slotted Screwdrivers**

- Made of expert quality, specially hardened and tempered Chrome Vanadium Alloy Steel
- Precision machined, magnetic tip ensures a secure fit
- Ergonomically designed handle provides a slip resistance grip



TYPE	ITEM NO.	(mm)	(mm)	L1 (mm)	L (mm)	⊕	⊖
	FAAE0510	5	0.8	100	210	5	40
	FAAE5E13	5.5	1.0	125	235	5	40
	FAAE6E10	6.5	1.2	100	210	5	40
	FAAE6E15	6.5	1.2	150	260	5	40

**Phillips Screwdrivers**

- Made of expert quality, specially hardened and tempered Chrome Vanadium Alloy Steel
- Precision machined, magnetic tip ensures a secure fit
- Ergonomically designed handle provides a slip resistance grip



TYPE	ITEM NO.	SIZE	L1 (mm)	L (mm)	⊕	⊖
	FBAE0110	PH1	100	210	5	40
	FBAE0210	PH2	100	210	5	40
	FBAE0213	PH2	125	235	5	40

**NEW DEVELOPED**  
**SUPER GRIP TOPTUL PLASTIC HANDLE SCREWDRIVERS SERIES**

Through-blade withstands moderate impact on end to free seized screws

Precision machined, magnetic tip ensures a secure fit of screw

Expert quality, specially hardened and tempered Chrome Vanadium Alloy Steel hexagonal blade provides "High Strength" blade performance

Ergonomically designed handle provides a slip resistance grip

**4PCS**  
Go-Thru Slotted & Phillips Screwdriver Set



ITEM NO.	CONTENTS	20 (SET)
GAAE0405	<ul style="list-style-type: none"> <li>FAGE0510 &amp; 6E15</li> <li>Go-Thru Slotted Screwdrivers 5x100 &amp; 6.5x150</li> <li>FBGE0110 &amp; 0213</li> <li>Go-Thru Phillips Screwdrivers PH1x100 &amp; PH2x125</li> </ul>	

**5PCS**  
Go-Thru Slotted & Phillips Screwdriver Set



ITEM NO.	CONTENTS	20 (SET)
GAAE0509	<ul style="list-style-type: none"> <li>FAGE0510-6E15</li> <li>Go-Thru Slotted Screwdrivers 5x100, 5.5x125, 6.5x150</li> <li>FBGE0110 &amp; 0213</li> <li>Go-Thru Phillips Screwdrivers PH1x100 &amp; PH2x125</li> </ul>	

**4PCS**  
Slotted & Phillips Screwdriver Set



ITEM NO.	CONTENTS	20 (SET)
GAAE0404	<ul style="list-style-type: none"> <li>FAAE0510 &amp; 6E15</li> <li>Slotted Screwdrivers 5x100 &amp; 6.5x150</li> <li>FBAE0110 &amp; 0213</li> <li>Phillips Screwdrivers PH1x100 &amp; PH2x125</li> </ul>	

**5PCS**  
Slotted & Phillips Screwdriver Set



ITEM NO.	CONTENTS	20 (SET)
GAAE0508	<ul style="list-style-type: none"> <li>FAAE0510-6E15</li> <li>Slotted Screwdrivers 5x100, 5.5x125, 6.5x150</li> <li>FBAE0110 &amp; 0213</li> <li>Phillips Screwdrivers PH1x100 &amp; PH2x125</li> </ul>	



**11 Pieces 20-in-1 Interchangeable Screwdriver Set**

**Features:**

- Professional SNCM+V Alloy Steel Blade
- Precision Machined Magnetic Tip
- Double-Ended Reversible Blades
- Quick-Release Blade Retainer
- Anti-Slip Featured Grip



ITEM NO.	Set	GAAJ2101
<b>CONTENTS</b>		
1	FMAA0102	1/4" Hex Shank Double End Phillips Screwdriver Bits PH1xPH2 - 175mm (L)
1	FMBA0102	1/4" Hex Shank Double End Pozl Screwdriver Bits PZ1xPZ2 - 175mm (L)
2	FMCA0406 & 0507	1/4" Hex Shank Double End Slotted Screwdriver Bits 4x6, 5x7mm - 175mm (L)
3	FMEA0404-0606	1/4" Hex Shank Hex & Ball Point Screwdriver Bits 4x4, 5x5, 6x6mm - 175mm (L)
3	FMDA1015-3040	1/4" Hex Shank Double End Star Screwdriver Bits T10xT15, T20xT25, T30xT40 - 175mm (L)
1	COAJ0814	1/4" Hex Shank Screwdriver Handle 1/4" x 136mm (L)

BLOW CASE: W240 x D170 x H50 (mm)



Ergonomic designed handle provides optimum comfort in use especially for high torque tightening and loosening works.



Special blade retainer with quick-release function locks the blade firmly in the place and provides an instant change between different sizes.

**1/4" Hex Shank Screwdriver Handle**



ITEM NO.	HEX (inch)	L (mm)	Weight
COAJ0814	1/4	136	5 40

**1/4" Hex Shank Double End Phillips Screwdriver Bits**



TYPE	ITEM NO.	SIZE	L (mm)	Weight
+	FMAA0102	PH1xPH2	175 30 240	

**1/4" Hex Shank Double End Slotted Screwdriver Bits**



TYPE	ITEM NO.	SIZE	L (mm)	Weight
-	FMCA0406	4x6mm	175 30 240	
-	FMCA0507	5x7mm	175 30 240	

**1/4" Hex Shank Double End Pozl Screwdriver Bits**



TYPE	ITEM NO.	SIZE	L (mm)	Weight
+	FMBA0102	PZ1xPZ2	175 30 240	

**1/4" Hex Shank Phillips & Slotted Screwdriver Bits**



TYPE	ITEM NO.	SIZE	L (mm)	Weight
+	FMFA0206	PH2x6mm	175 30 240	

**1/4" Hex Shank Double End Star Screwdriver Bits**



TYPE	ITEM NO.	SIZE	L (mm)	Weight
+	FMDA1015	T10xT15	175 30 240	
+	FMDA2025	T20xT25	175 30 240	
+	FMDA3040	T30xT40	175 30 240	

**1/4" Hex Shank Hex & Ball Point Screwdriver Bits**



TYPE	ITEM NO.	SIZE	L (mm)	Weight
+	FMEA0404	4x4mm	175 30 240	
+	FMEA0505	5x5mm	175 30 240	
+	FMEA0606	6x6mm	175 30 240	

**TOPTUL High-Torque Ratchet Screwdriver Series**

**9-In-1**

**High-Torque Stubby Ratchet Screwdriver Set**

- Quick change 1/4" hex shank bit holder
- 3 position, 36 teeth ratcheting action: Forward / Lock / Reverse
- High torque performance over 350 kgf-cm
- Rigid one piece all Stainless Steel construction, strong magnetic extension bit holder ensures both bits and screws firmly attached to the driver
- Textured non-slip, bi-component PP+TPR plastic handle



ITEM NO.	GAAJ1101
<b>CONTENTS</b>	
1	FTED0817
1/4" (H) High-Torque Stubby Ratchet Screwdriver Handle with Storage (85mmL)	
1	FTDB0810
1/4" Hex Shank Extension Magnetic Bit Holder (85mmL)	
3	FSAA0804-0806
1/4" Hex Shank Slotted Insert Bits 4, 5.5, 6.5 (25mmL)	
2	FSBA0801 & 0802
1/4" Hex Shank Phillips Insert Bits PH1 & PH2 (25mmL)	
2	FSEA0815-0825
1/4" Hex Shank Star Insert Bits T15, T20, T25 (25mmL)	
1	FKA0808
1/4" Hex Shank Socket Adapter 1/4" x 1/4" (25mmL)	

**8-In-1**

**High-Torque Pistol Grip Ratchet Screwdriver Set**

- Magnetic 1/4" hex shank bit holder
- 3 position, 20 teeth ratcheting action: Forward / Lock / Reverse
- High torque performance over 400 kgf-cm
- Adjustable handle (Pistol grip & Straight handle)
- Durable & comfortable bi-component plastic handle
- Includes 7 pieces S2 steel insert bits and one socket adapter. Internal bit storage (end cap carries 7 bits)



ITEM NO.	GAAJ0901
<b>CONTENTS</b>	
1	FTEG0820
1/4" (H) High-Torque Pistol Grip Ratchet Screwdriver Handle with Storage (200mmL)	
3	FSAA0804-0806
1/4" Hex Shank Slotted Insert Bits 4, 5.5, 6.5, 8 mm (25mmL)	
2	FSBA0801-0803
1/4" Hex Shank Phillips Insert Bits PH1, PH2, PH3 (25mmL)	
1	FPKA0808
1/4" (H) x 1/4" Dr. Socket Adapter (50mmL)	

**54PCS High-Torque Pistol Grip Ratchet Screwdriver, Bit & Socket Set**

- Magnetic 1/4" hex shank bit holder
- 3 position, 20 teeth ratcheting action: Forward / Lock / Reverse
- High torque performance over 400 kgf-cm
- Adjustable handle (Pistol grip & Straight handle)
- Durable & comfortable bi-component plastic handle
- Set includes 38 pieces tempered & hardened S2 steel insert bits, 13 pieces CR-V steel sockets, 1 piece Stainless Steel magnetic bit holder, 1 piece socket adapter and 1 piece high-torque pistol grip ratchet screwdriver handle



End Cap Storage



Ergonomic Pistol Grip Handle



ITEM NO.	GAAJ1401
<b>CONTENTS</b>	
13	BAA0804-0814
1/4" Dr. 6PT Flank Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm (25mmL)	
2	FSBA0800-0803
1/4" Hex Shank Phillips Insert Bits PH0, PH1, PH2 x 2, PH3 (25mmL)	
2	FSCA0800-0803
1/4" Hex Shank Pozl Insert Bits PZ0, PZ1, PZ2, PZ3 (25mmL)	
2	FSAA0803-0806
1/4" Hex Shank Slotted Insert Bits 3, 4, 4.5, 5.5, 6.5, 8mm (25mmL)	
2	FSDA0802-0808
1/4" Hex Shank Hexagon Insert Bits 2, 2.5, 3, 4, 5, 6, 8mm (25mmL)	
2	FSEA0810-0840
1/4" Hex Shank Star Insert Bits T10, T15, T20, T25, T27, T30, T40 (25mmL)	
2	FSCA0810-0840
1/4" Hex Shank Star Tamperproof Insert Bits T10, T15, T20, T25, T27, T30, T40 (25mmL)	
2	FSHA0801 & 0802
1/4" Hex Shank Square Insert Bits SQ1 & SQ2 (25mmL)	
1	FKA0808
1/4" x 1/4" Socket Adapter (25mmL)	
1	FTDC0808
1/4" x 1/4" Magnetic Power Bit Holder (60mmL)	
1	FTEG0820
1/4" (H) High-Torque Pistol Grip Ratchet Screwdriver Handle with Storage (200mmL)	

BLOW CASE: W240 x D172 x H50 (mm)



Reversible Ratchet Screwdriver

REVERSIBLE RATCHET SCREWDRIVER



Magnetic

Reversible

Reversible Ratchet Screwdriver

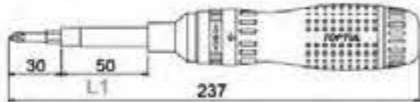
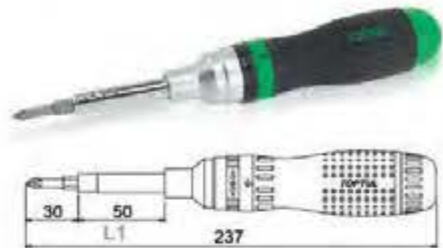
- High performance magnetic 1/4"(H) Bit Driver
- PP+TPR material non-slippery grip handle



ITEM NO.	HEX (inch)	L1 (mm)	L (mm)	⊕	⊖
FTEA0806	1/4	55	185	10	60

High-Torque Ratchet Screwdriver Handle with Storage

19-In-1 High Torque Ratchet Screwdriver Set

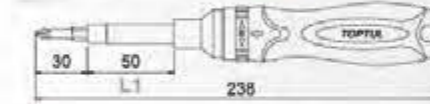


ITEM NO.	GAAR1002
<b>CONTENTS</b> 10 (SET)	
1 FTEA0810	7/16" (Hex) High-Torque Ratchet Screwdriver Handle with Storage
1 FTDA0810	1/4" x 5/16" (Hex) Drive Shaft - 115mm (L)
2 FKAA0105 & 0206	1/4" Hex Shank Phillips & Slotted Screwdriver Bits ⊕ PH1x5mm & ⊕ PH2x6mm - 75mm (L)
1 FKAB0308	5/16" Hex Shank Phillips & Slotted Screwdriver Bits ⊕ PH3x8mm - 75mm (L)
1 FKBA0102	1/4" Hex Shank Double End Pozi Screwdriver Bits ⊕ PZ1xPZ2 - 75mm (L)
2 FKCA1520 & 2530	1/4" Hex Shank Double End Star Screwdriver Bits ⊕ T15xT20 & T25xT30 - 75mm (L)
2 FKDA2E03 & 0405	1/4" Hex Shank Double End Hexagon Screwdriver Bits ⊕ 2.5mmx3mm & 4mmx5mm - 75mm (L)

TOPTUL High Torque Ratchet Screwdriver Set

ITEM NO.	HEX (inch)	L1 (mm)	L (mm)	⊕	⊖
FTEA1421	1/4, 5/16, 7/16	50	207	5	40

7-In-1 High Torque Ratchet Screwdriver Set



High-Torque Ratchet Screwdriver Handle

- High torque performance over 350 kgf-cm
- 25 gears, reversible 3-way ratchet mechanism: Forward / Lock / Reverse
- Strong corrosion resistant steel drive shaft
- Comfortable, anti-slip PP+TPR plastic material heavy stress handle

1/4" Hex Shank Double End Star Screwdriver Bits

(S2)

1/4" Hex Shank Double End Hexagon Screwdriver Bits

(S2)



ITEM NO.	HEX (inch)	L1 (mm)	L (mm)	⊕	⊖
FTEC1421	1/4, 5/16, 7/16	50	208	5	40

TYPE	ITEM NO.	SIZE	L (mm)	⊕	⊖
⊕	FKCA1520	T15xT20	75	25	450
⊖	FKCA2530	T25xT30	75	25	450

TYPE	ITEM NO.	SIZE	L (mm)	⊕	⊖
⊕	FKDA2E03	2.5mmx3mm	75	25	450
⊖	FKDA0405	4mmx5mm	75	25	450

1/4" Hex Shank Double End Pozi Screwdriver Bits

(S2)

1/4" Hex Shank Phillips & Slotted Screwdriver Bits

(S2)

5/16" Hex Shank Phillips & Slotted Screwdriver Bits

(S2)



TYPE	ITEM NO.	SIZE	L (mm)	⊕	⊖
⊕	FKBA0102	PZ1xPZ2	75	25	450

TYPE	ITEM NO.	SIZE	L (mm)	⊕	⊖
⊕	FKAA0105	PH1x5mm	75	25	450
⊖	FKAA0206	PH2x6mm	75	25	450

TYPE	ITEM NO.	SIZE	L (mm)	⊕	⊖
⊕	FKAB0206	PH2x6mm	75	25	450
⊖	FKAB0308	PH3x8mm	75	25	450





Color Box

**1/4" HEX**

// 1/4" Hex Shank Slotted Insert Bits



Zinc Phosphate Finished

TYPE	ITEM NO.	SIZE (mm)	L (mm)	Icons
	FSAA0803	3	0.5 25 30 360	
	FSAA0804	4	0.5 25 30 360	
	FSAA084E	4.5	0.6 25 30 360	
	FSAA085E	5.5	1.0 25 30 360	
	FSAA086E	6.5	1.2 25 30 360	
	FSAA0808	8	1.2 25 30 360	

// 1/4" Hex Shank Square Insert Bits



// 1/4" Hex Shank Phillips Insert Bits



Zinc Phosphate Finished

TYPE	ITEM NO.	SIZE	L (mm)	Icons
	FSHA0801	SQ1	25 30 360	
	FSHA0802	SQ2	25 30 360	

// 1/4" Hex Shank Star Insert Bits



Zinc Phosphate Finished

TYPE	ITEM NO.	SIZE	L (mm)	Icons
	FSBA0800	PH0	25 30 360	
	FSBA0801	PH1	25 30 360	
	FSBA0802	PH2	25 30 360	
	FSBA0803	PH3	25 30 360	

// 1/4" Hex Shank Pozi Insert Bits



Zinc Phosphate Finished

TYPE	ITEM NO.	SIZE	L (mm)	Icons
	FSEA0806	T6	25 30 360	
	FSEA0807	T7	25 30 360	
	FSEA0808	T8	25 30 360	
	FSEA0809	T9	25 30 360	
	FSEA0810	T10	25 30 360	
	FSEA0815	T15	25 30 360	
	FSEA0820	T20	25 30 360	
	FSEA0825	T25	25 30 360	
	FSEA0827	T27	25 30 360	
	FSEA0830	T30	25 30 360	
	FSEA0840	T40	25 30 360	
	FSEA0845	T45	25 30 360	
	FSEA0850	T50	25 30 360	

// 1/4" Hex Shank Hexagon Insert Bits



Zinc Phosphate Finished

TYPE	ITEM NO.	SIZE (mm)	L (mm)	Icons
	FSDA0802	2	25 30 360	
	FSDA082E	2.5	25 30 360	
	FSDA0803	3	25 30 360	
	FSDA0804	4	25 30 360	
	FSDA0805	5	25 30 360	
	FSDA0806	6	25 30 360	
	FSDA0807	7	25 30 360	
	FSDA0808	8	25 20 240	
	FSDA0810	10	25 20 240	
	FSDA0812	12	25 20 240	

// 1/4" Hex Shank Star Tamperproof Insert Bits



Zinc Phosphate Finished

TYPE	ITEM NO.	SIZE	L (mm)	Icons
	FSGA0810	T10	25 30 360	
	FSGA0815	T15	25 30 360	
	FSGA0820	T20	25 30 360	
	FSGA0825	T25	25 30 360	
	FSGA0827	T27	25 30 360	
	FSGA0830	T30	25 30 360	
	FSGA0840	T40	25 30 360	

**5/16" HEX**

// 5/16" Hex Shank Slotted Insert Bits



Zinc Phosphate Finished

TYPE	ITEM NO.	SIZE (mm)	L (mm)	Icons
	FSAA105E	5.5	0.8 30 20 240	
	FSAA100E	6	1.2 30 20 240	
	FSAA106E	6.5	1.2 30 20 240	
	FSAA1008	8	1.2 30 20 240	
	FSAA1010	10	1.6 30 20 240	
	FSAA1012	12	1.6 30 20 240	

// 5/16" Hex Shank Phillips Insert Bits



Zinc Phosphate Finished

TYPE	ITEM NO.	SIZE	L (mm)	Icons
	FSBA1001	PH1	30 30 360	
	FSBA1002	PH2	30 30 360	
	FSBA1003	PH3	30 30 360	
	FSBA1004	PH4	30 30 360	

Zinc Phosphate Finished

TYPE	ITEM NO.	SIZE	L (mm)	Icons
	FSBA1001	PH1	30 30 360	
	FSBA1002	PH2	30 30 360	
	FSBA1003	PH3	30 30 360	
	FSBA1004	PH4	30 30 360	

// 5/16" Hex Shank Pozi Insert Bits



Zinc Phosphate Finished

TYPE	ITEM NO.	SIZE	L (mm)	Icons
	FSEA1010	T10	30 30 360	
	FSEA1015	T15	30 30 360	
	FSEA1020	T20	30 30 360	
	FSEA1025	T25	30 30 360	
	FSEA1027	T27	30 30 360	
	FSEA1030	T30	30 30 360	
	FSEA1035	T35	30 30 360	
	FSEA1040	T40	30 30 360	
	FSEA1045	T45	30 30 360	
	FSEA1050	T50	30 30 360	
	FSEA1055	T55	30 20 240	
	FSEA1060	T60	30 20 240	
	FSEA1070	T70	30 20 240	

// 5/16" Hex Shank Hexagon Insert Bits



Zinc Phosphate Finished

TYPE	ITEM NO.	SIZE (mm)	L (mm)	Icons
	FSDA1003	3	30 30 360	
	FSDA1004	4	30 30 360	
	FSDA1005	5	30 30 360	
	FSDA105E	5.5	30 30 360	
	FSDA1006	6	30 30 360	
	FSDA106E	6.5	30 30 360	
	FSDA1007	7	30 30 360	
	FSDA1008	8	30 30 360	
	FSDA1010	10	30 20 240	
	FSDA1012	12	30 20 240	
	FSDA1014	14	30 20 240	

\*Material: CR-V - FSDA1014

Color Box

**10mm HEX**

// 5/16" Hex Shank Spline Insert Bits



Zinc Phosphate Finished

TYPE	ITEM NO.	SIZE	L (mm)	Icons
	FSFA1005	M5	30 30 360	
	FSFA1006	M6	30 30 360	
	FSFA1008	M8	30 30 360	
	FSFA1010	M10	30 30 360	

// 5/16" Hex Shank Star Insert Bits



Zinc Phosphate Finished

TYPE	ITEM NO.	SIZE	L (mm)	Icons
	FSEA1010	T10	30 30 360	
	FSEA1015	T15	30 30 360	
	FSEA1020	T20	30 30 360	
	FSEA1025	T25	30 30 360	
	FSEA1027	T27	30 30 360	
	FSEA1030	T30	30 30 360	
	FSEA1035	T35	30 30 360	
	FSEA1040	T40	30 30 360	
	FSEA1045	T45	30 30 360	
	FSEA1050	T50	30 30 360	
	FSEA1055	T55	30 20 240	
	FSEA1060	T60	30 20 240	
	FSEA1070	T70	30 20 240	

\*Material: CR-V - FSEA1070

// 5/16" Hex Shank Star Tamperproof Insert Bits



Zinc Phosphate Finished

TYPE	ITEM NO.	SIZE	L (mm)	Icons
	FSGA1027	T27	30 30 360	
	FSGA1030	T30	30 30 360	
	FSGA1035	T35	30 30 360	
	FSGA1040	T40	30 30 360	
	FSGA1045	T45	30 30 360	
	FSGA1050	T50	30 30 360	
	FSGA1055	T55	30 20 240	
	FSGA1060	T60	30 20 240	
	FSGA1070	T70	30 20 240	

\*Material: CR-V - FSGA1070

// 5/16" Hex Shank Phillips Insert Bits



Zinc Phosphate Finished

TYPE	ITEM NO.	SIZE	L (mm)	Icons
	FSBF1002	PH2	90 15 270	
	FSBF1003	PH3	90 15 270	



// 10mm Hex Shank Hexagon Insert Bits



Zinc Phosphate Finished

TYPE	ITEM NO.	SIZE (mm)	L (mm)	Icons
	FSDA1204	4	30 30 360	
	FSDA1205	5	30 30 360	
	FSDA1206	6	30 30 360	
	FSDA1207	7	30 30 360	
	FSDA1208	8	30 30 360	
	FSDA1210	10	30 20 240	
	FSDA1212	12	30 20 240	

// 10mm Hex Shank Star Insert Bits



Zinc Phosphate Finished

TYPE	ITEM NO.	SIZE	L (mm)	Icons
	FSEA1220	T20	30 30 360	
	FSEA1225	T25	30 30 360	
	FSEA1227	T27	30 30 360	
	FSEA1230	T30	30 30 360	
	FSEA1240	T40	30 30 360	
	FSEA1245	T45	30 30 360	
	FSEA1247	T47	30 30 360	
	FSEA1250	T50	30 30 360	
	FSEA1255	T55	30 20 240	
	FSEA1260	T60	30 20 240	

// 10mm Hex Shank Spline Insert Bits



Zinc Phosphate Finished

TYPE	ITEM NO.	SIZE	L (mm)	Icons
	FSFA1205	M5	30 30 360	
	FSFA1206	M6	30 30 360	
	FSFA1208	M8	30 30 360	
	FSFA1210	M10	30 20 240	
	FSFA1212	M12	30 20 240	

// 10mm Hex Shank Long Hexagon Insert Bits



Zinc Phosphate Finished

TYPE	ITEM NO.	SIZE (mm)	L (mm)	Icons
	FSDB1204	4	75 15 270	
	FSDB1205	5	75 15 270	
	FSDB1206	6	75 15 270	
	FSDB1207	7	75 15 270	
	FSDB1208	8	75 15 270	
	FSDB1210	10	75 15 270	
	FSDB1212	12	75 10 180	

// 10mm Hex Shank Long Star Insert Bits



Zinc Phosphate Finished

TYPE	ITEM NO.	SIZE	L (mm)	Icons
	FSEB1220	T20	75 15 270	
	FSEB1225	T25	75 15 270	
	FSEB1227	T27	75 15 270	
	FSEB1230	T30	75 15 270	
	FSEB1240	T40	75 15 270	
	FSEB1245	T45	75 15 270	
	FSEB1250	T50	75 15 270	
	FSEB1255	T55	75 15 270	

// 10mm Hex Shank Long Spline Insert Bits



Zinc Phosphate Finished

TYPE	ITEM NO.	SIZE	L (mm)	Icons
	FSFB1205	M5	75 15 270	
	FSFB1206	M6	75 15 270	
	FSFB1208	M8	75 15 270	
	FSFB129E	M9.5	75 15 270	
	FSFB1210	M10	75 15 270	
	FSFB1212	M12	75 10 180	





Blister (10PCS)

**1/4" HEX**

// 1/4" Hex Shank Slotted Insert Bits



TYPE	ITEM NO.	SIZE (mm)	L (mm)	90°	120°
	FSAA0803G	3	0.5 25	15	90
	FSAA0804G	4	0.5 25	15	90
	FSAA084EG	4.5	0.6 25	15	90
	FSAA085EG	5.5	1.0 25	15	90
	FSAA086EG	6.5	1.2 25	15	90

// 1/4" Hex Shank Phillips Insert Bits



TYPE	ITEM NO.	SIZE	L (mm)	90°	120°
	FSBA0800G	PH0	25	15	90
	FSBA0801G	PH1	25	15	90
	FSBA0802G	PH2	25	15	90
	FSBA0803G	PH3	25	15	90

// 1/4" Hex Shank Pozi Insert Bits



TYPE	ITEM NO.	SIZE	L (mm)	90°	120°
	FSCA0800G	PZ0	25	15	90
	FSCA0801G	PZ1	25	15	90
	FSCA0802G	PZ2	25	15	90
	FSCA0803G	PZ3	25	15	90

// 1/4" Hex Shank Hexagon Insert Bits



TYPE	ITEM NO.	SIZE (mm)	L (mm)	90°	120°
	FSDA0802G	2	25	15	90
	FSDA082EG	2.5	25	15	90
	FSDA0803G	3	25	15	90
	FSDA0804G	4	25	15	90
	FSDA0805G	5	25	15	90
	FSDA0806G	6	25	15	90
	FSDA0808G	8	25	12	72

// 1/4" Hex Shank Star Insert Bits



TYPE	ITEM NO.	SIZE	L (mm)	90°	120°
	FSEA0806G	T6	25	15	90
	FSEA0807G	T7	25	15	90
	FSEA0808G	T8	25	15	90
	FSEA0809G	T9	25	15	90
	FSEA0810G	T10	25	15	90
	FSEA0815G	T15	25	15	90
	FSEA0820G	T20	25	15	90
	FSEA0825G	T25	25	15	90
	FSEA0827G	T27	25	15	90
	FSEA0830G	T30	25	15	90
	FSEA0840G	T40	25	15	90

// 1/4" Hex Shank Star Tamperproof Insert Bits



TYPE	ITEM NO.	SIZE	L (mm)	90°	120°
	FSGA0810G	T10	25	15	90
	FSGA0815G	T15	25	15	90
	FSGA0820G	T20	25	15	90
	FSGA0825G	T25	25	15	90
	FSGA0827G	T27	25	15	90
	FSGA0830G	T30	25	15	90
	FSGA0840G	T40	25	15	90

**5/16" HEX**

// 5/16" Hex Shank Slotted Insert Bits



TYPE	ITEM NO.	SIZE (mm)	L (mm)	90°	120°
	FSAA105EG	5.5	0.8 30	12	72
	FSAA106EG	6.5	1.2 30	12	72
	FSAA1008G	8	1.2 30	12	72

// 5/16" Hex Shank Phillips Insert Bits



TYPE	ITEM NO.	SIZE	L (mm)	90°	120°
	FSBA1001G	PH1	30	12	72
	FSBA1002G	PH2	30	12	72
	FSBA1003G	PH3	30	12	72
	FSBA1004G	PH4	30	12	72

// 5/16" Hex Shank Star Insert Bits

\* FSEA1070G, Blister (9PCS/SET)



TYPE	ITEM NO.	SIZE	L (mm)	90°	120°
	FSEA1010G	T10	30	12	72
	FSEA1015G	T15	30	12	72
	FSEA1020G	T20	30	12	72
	FSEA1025G	T25	30	12	72
	FSEA1027G	T27	30	12	72
	FSEA1030G	T30	30	12	72
	FSEA1040G	T40	30	12	72
	FSEA1045G	T45	30	12	72
	FSEA1050G	T50	30	12	72
	FSEA1055G	T55	30	12	72
	FSEA1060G	T60	30	10	60
	FSEA1070G	T70	30	10	60

\* NOTE: FSEA1070G, Blister (9PCS/SET)

Blister (10PCS)

**10mm HEX**

// 10mm Hex Shank Hexagon Insert Bits



TYPE	ITEM NO.	SIZE (mm)	L (mm)	90°	120°
	FSDA1204G	4	30	12	72
	FSDA1205G	5	30	12	72
	FSDA1206G	6	30	12	72
	FSDA1207G	7	30	12	72
	FSDA1208G	8	30	12	72
	FSDA1210G	10	30	12	72
	FSDA1212G	12	30	10	60

// 10mm Hex Shank Star Insert Bits



TYPE	ITEM NO.	SIZE	L (mm)	90°	120°
	FSEA1220G	T20	30	12	72
	FSEA1225G	T25	30	12	72
	FSEA1227G	T27	30	12	72
	FSEA1230G	T30	30	12	72
	FSEA1240G	T40	30	12	72
	FSEA1245G	T45	30	12	72
	FSEA1247G	T47	30	12	72
	FSEA1250G	T50	30	12	72
	FSEA1255G	T55	30	12	72
	FSEA1260G	T60	30	10	60

// 10mm Hex Shank Spline Insert Bits



TYPE	ITEM NO.	SIZE	L (mm)	90°	120°
	FSFA1205G	M5	30	12	72
	FSFA1206G	M6	30	12	72
	FSFA1208G	M8	30	12	72
	FSFA1210G	M10	30	12	72
	FSFA1212G	M12	30	10	60

// 5/16" Hex Shank Pozi Insert Bits



TYPE	ITEM NO.	SIZE	L (mm)	90°	120°
	FSCA1001G	PZ1	30	12	72
	FSCA1002G	PZ2	30	12	72
	FSCA1003G	PZ3	30	12	72
	FSCA1004G	PZ4	30	12	72

// 5/16" Hex Shank Hexagon Insert Bits



TYPE	ITEM NO.	SIZE	L (mm)	90°	120°
	FSDA1003G	3	30	12	72
	FSDA1004G	4	30	12	72
	FSDA1005G	5	30	12	72
	FSDA1006G	6	30	12	72
	FSDA1007G	7	30	12	72
	FSDA1008G	8	30	12	72
	FSDA1010G	10	30	12	72
	FSDA1012G	12	30	10	60

// 5/16" Hex Shank Star Tamperproof Insert Bits

\* FSGA1070G, Blister (9PCS/SET)



TYPE	ITEM NO.	SIZE	L (mm)	90°	120°
	FSGA1040G	T40	30	12	72
	FSGA1045G	T45	30	12	72
	FSGA1050G	T50	30	12	72
	FSGA1055G	T55	30	12	72
	FSGA1060G	T60	30	10	60
	FSGA1070G	T70	30	10	60

\* NOTE: FSGA1070G, Blister (9PCS/SET)

// 10mm Hex Shank Long Hexagon Insert Bits



TYPE	ITEM NO.	SIZE (mm)	L (mm)	90°	120°
	FSDB1204G	4	75	10	40
	FSDB1205G	5	75	10	40
	FSDB1206G	6	75	10	40
	FSDB1207G	7	75	10	40
	FSDB1208G	8	75	10	40
	FSDB1210G	10	75	10	40
	FSDB1212G	12	75	10	40

// 10mm Hex Shank Long Star Insert Bits



TYPE	ITEM NO.	SIZE	L (mm)	90°	120°
	FSFB1220G	T20	75	10	40
	FSFB1225G	T25	75	10	40
	FSFB1227G	T27	75	10	40
	FSFB1230G	T30	75	10	40
	FSFB1240G	T40	75	10	40
	FSFB1245G	T45	75	10	40
	FSFB1250G	T50	75	10	40
	FSFB1255G	T55	75	10	40

// 10mm Hex Shank Long Spline Insert Bits



TYPE	ITEM NO.	SIZE	L (mm)	90°	120°
	FSFB1205G	M5	75	10	40
	FSFB1206G	M6	75	10	40
	FSFB1208G	M8	75	10	40
	FSFB1210G	M10	75	10	40
	FSFB1212G	M12	75	10	40



**Quick Change Bit Holders**



ITEM NO.	DRIVE (inch)	Hex Shank	Satin Chrome Finished	
			L (mm)	W (mm)
FTAB0808	1/4	1/4"	25	30
FTAB1208	3/8	1/4"	29	10
FTAB1210	3/8	5/16"	29	10
FTAB1212	3/8	10mm	29	10
FTAB1610	1/2	5/16"	38	10
FTAB1612	1/2	10mm	38	10

**7PCS**  
Screwdriver Bit Set  
1/2"



ITEM NO.	CONTENTS
GAAT0709	<ul style="list-style-type: none"> <li>FSBA1001-1003</li> <li>5/16" x PH1, PH2, PH3</li> <li>FSAA105E-1008</li> <li>5/16" x 0.8x5.5, 1.2x6.5, 1.2x8 mm</li> <li>FTAB1610</li> <li>1/2" Dr. x 5/16"(H) Quick Change Bit Holders</li> </ul>

**7PCS**  
Screwdriver Bit Set  
1/2"



ITEM NO.	CONTENTS
GAAT0707	<ul style="list-style-type: none"> <li>FSDA1204-1212</li> <li>10mm x 4, 5, 6, 8, 10, 12 mm</li> <li>FTAB1612</li> <li>1/2" Dr. x 10mm(H) Quick Change Bit Holders</li> </ul>

**7PCS**  
Screwdriver Bit Set  
1/2"



ITEM NO.	CONTENTS
GAAT0705	<ul style="list-style-type: none"> <li>FSEA1225-1255</li> <li>10mm x T25, T30, T40, T45, T50, T55</li> <li>FTAB1612</li> <li>1/2" Dr. x 10mm(H) Quick Change Bit Holders</li> </ul>

**1/4" Hex Magnetic Bit Holder**

- Made of Chrome Vanadium Steel
- Magnetic shaft holds fastener securely
- Rugged single-piece construction provides long service life under constant use
- Use with TOPTUL CHEV0811



Magnetic



ITEM NO.	SIZE	L (mm)	W (mm)
FTDF0810	1/4" x 1/4"	100	15

**31PCS**  
Screwdriver Bit Set



ITEM NO.	CONTENTS
GAAW3101	<ul style="list-style-type: none"> <li>PH0, PH1x2pcs, PH2x2pcs, PH3</li> <li>PZ0, PZ1x2pcs, PZ2x2pcs, PZ3</li> <li>0.5x4, 1.0x5.5, 1.2x6.5 mm</li> <li>3, 4, 5, 6 mm</li> <li>T6, T7, T8, T9, T10, T15, T20, T25, T27, T30, T40</li> <li>1/4" x 1/4" Magnetic Power Bit Holder</li> </ul>

PLASTIC BOX: W105 x D64 x H43 (mm)

**7PCS**  
1/4" (H) Hex Screwdriver Bit Set



ITEM NO.	CONTENTS
GAAV0701	<ul style="list-style-type: none"> <li>FSDA0802-0808</li> <li>2, 2.5, 3, 4, 5, 6, 8 mm</li> </ul>

**7PCS**  
1/4" (H) Star Screwdriver Bit Set



ITEM NO.	CONTENTS
GAAV0702	<ul style="list-style-type: none"> <li>FSEA0810-0840</li> <li>T10, T15, T20, T25, T27, T30, T40</li> </ul>

**7PCS**  
1/4" (H) Star Tamperproof Screwdriver Bit Set



ITEM NO.	CONTENTS
GAAV0703	<ul style="list-style-type: none"> <li>FSGA0810-0840</li> <li>T10, T15, T20, T25, T27, T30, T40</li> </ul>

**7PCS**  
1/4" (H) Screwdriver Bit Set



ITEM NO.	CONTENTS
GAAV0704	<ul style="list-style-type: none"> <li>FSA0804-086E</li> <li>0.5x4, 1.0x5.5, 1.2x6.5 mm</li> <li>FSBA0801 &amp; 0802</li> <li>PH1 &amp; PH2</li> <li>FSCA0801 &amp; 0802</li> <li>PZ1 &amp; PZ2</li> </ul>

**10PCS**  
1/4" (H) Screwdriver Bit Set



ITEM NO.	CONTENTS
GAAV1001	<ul style="list-style-type: none"> <li>FSA0804E-086E</li> <li>0.6x4.5, 1.0x5.5, 1.2x6.5 mm</li> <li>FSHA0801 &amp; 0802</li> <li>SQ1 &amp; SQ2</li> <li>FSEA0815-0825</li> <li>T15, T20, T25</li> <li>FSDA0801 &amp; 0802</li> <li>PH1 &amp; PH2</li> </ul>

**11PCS**  
1/4" (H) Screwdriver Bit Set



ITEM NO.	CONTENTS
GAAV1102	<ul style="list-style-type: none"> <li>FSA0804-086E</li> <li>0.5x4, 1.0x5.5, 1.2x6.5 mm</li> <li>FSBA0801 &amp; 0802</li> <li>PH1 &amp; PH2</li> <li>FSCA0801 &amp; 0802</li> <li>PZ1 &amp; PZ2</li> <li>FSDA0803-0806</li> <li>3, 4, 5, 6 mm</li> </ul>

**11PCS**  
1/4" (H) Screwdriver Bit Set



ITEM NO.	CONTENTS
GAAV1101	<ul style="list-style-type: none"> <li>FSGA0808-0840</li> <li>T8, T10x2pcs, T15x2pcs, T20x2pcs, T25x2pcs, T40</li> <li>FSHA0801</li> <li>SQ1</li> </ul>

**11PCS**  
1/4" (H) Screwdriver Bit Set



ITEM NO.	CONTENTS
GAAV1103	<ul style="list-style-type: none"> <li>FSA0806-0810</li> <li>6, 8, 10 mm</li> <li>FSYA0801-0803</li> <li>1, 2, 3 mm</li> <li>FSEA0808-0825</li> <li>T8, T10, T15, T20, T25</li> </ul>

**11PCS**  
1/4" (H) Screwdriver Bit Set



ITEM NO.	CONTENTS
GAAV1104	<ul style="list-style-type: none"> <li>FSPA0804-0808</li> <li>4, 6, 8 mm</li> <li>FSNA0803-0806</li> <li>3, 4, 5, 6 mm</li> <li>FSA0805-0808</li> <li>M5, M6, M8</li> <li>FSHA0802</li> <li>SQ2</li> </ul>



SCREWDRIVER BIT SET





**11PCS**  
1/2" DR. Hex Shank Spline Insert Bit Set  
1/2"

ITEM NO.	CONTENTS	10 (SET)
GAAD1102	7 FSFA1205-1212 10mm Hex Shank Spline Insert Bits M5, M6, M8, M10, M12 7 FSFB1205-1212 10mm Long Hex Shank Spline Insert Bits M5, M6, M8, M10, M12 1 FTAB1612 1/2" Dr. x 10mm(H) Quick Change Bit Holders	
METAL CASE: W197 x D103 x H33 (mm)		

**8PCS**  
1/4" Hex Drive Hexagon Bit Set  
1/4"



ITEM NO.	CONTENTS	10 (SET)
GAAL0803	1 2, 3, 4, 5, 6, 7, 8 mm 1 1/4" Hex Drive Offset Bit Holder Wrench	
* L = 30mm bits		

**8PCS**  
1/4" Hex Drive Star Tamperproof Bit Set  
1/4"



ITEM NO.	CONTENTS	10 (SET)
GAAL0801	7 T10, T15, T20, T25, T27, T30, T40 1 1/4" Hex Drive Offset Bit Holder Wrench	
* L = 30mm bits		

**8PCS**  
1/4" Hex Drive Bit Set  
1/4"



ITEM NO.	CONTENTS	10 (SET)
GAAL0802	3 PH1, PH2, PH3 1 0.5x4, 1.2x7 mm 2 PZ1, PZ2 1 1/4" Hex Drive Offset Bit Holder Wrench	
* L = 30mm bits		

**15PCS**  
1/2" DR. Hex Shank Hexagon Insert Bit Set  
1/2"



ITEM NO.	CONTENTS	10 (SET)
GAAD1508	7 FSDA1204-1212 10mm Hex Shank Hexagon Insert Bits 4, 5, 6, 7, 8, 10, 12 mm 7 FSDB1204-1212 10mm Long Hex Shank Hexagon Insert Bits 4, 5, 6, 7, 8, 10, 12 mm 1 FTAB1612 1/2" Dr. x 10mm(H) Quick Change Bit Holders	
METAL CASE: W197 x D103 x H33 (mm)		

**15PCS**  
1/2" DR. Hex Shank Star Insert Bit Set  
1/2"



ITEM NO.	CONTENTS	10 (SET)
GAAD1506	7 FSEA1220-1255 10mm Hex Shank Star Insert Bits T20, T25, T30, T40, T45, T50, T55 7 FSEB1220-1255 10mm Long Hex Shank Star Insert Bits T20, T25, T30, T40, T45, T50, T55 1 FTAB1612 1/2" Dr. x 10mm(H) Quick Change Bit Holders	
METAL CASE: W197 x D103 x H33 (mm)		

**40PCS**  
3/8" & 1/2" DR. Bit Set  
3/8"  
1/2"



ITEM NO.	CONTENTS	6 (SET)
GAAD4002	7 FSFA1205-1212 10mm Hex Shank Spline Insert Bits M5, M6, M8, M10, M12 7 FSFB1205-1212 10mm Long Hex Shank Spline Insert Bits M5, M6, M8, M10, M12 7 FSDA1204-1212 10mm Hex Shank Hexagon Insert Bits 4, 5, 6, 7, 8, 10, 12 mm 7 FSDB1204-1212 10mm Long Hex Shank Hexagon Insert Bits 4, 5, 6, 7, 8, 10, 12 mm 7 FSEA1220-1255 10mm Hex Shank Star Insert Bits T20, T25, T30, T40, T45, T50, T55 7 FSEB1220-1255 10mm Long Hex Shank Star Insert Bits T20, T25, T30, T40, T45, T50, T55 1 FTAB1212 3/8" Dr. x 10mm(H) Quick Change Bit Holder 1 FTAB1612 1/2" Dr. x 10mm(H) Quick Change Bit Holders	
METAL CASE: W370 x D154 x H50 (mm)		



**Universal Swivel Magnetic Quick Release Bit Holder**  
• Locking, magnetic, quick release bit holder  
• Retract collar to quickly install and remove bits



ITEM NO.	SIZE	L (mm)	10	100
FTGA0808	1/4" x 1/4"	78	10	100

**1/4" Hex Shank Universal Swivel Magnetic Power Nut Setter**  
• Strong magnetic 6-point socket  
• Knurled finger grip on sleeve for increased control and comfort  
• Swivel ball end shaft enables to use in restricted spaces  
• 1/4" hex fitting for power tools or hand drivers  
• Black phosphate finished  
• Material: Shaft Body & Socket (Chrome Vanadium Alloy Steel)  
Anodized Color Sleeve (Free Cutting Steel)



TYPE	ITEM NO.	SIZE (mm)	L (mm)	10	100
O	BEBA0806	6	87	25	100
	BEBA0808	8	87	25	100
	BEBA0810	10	87	25	100
	BEBA0812	12	87	25	100

**Quick Change Magnetic Bit Holder**  
• Quick change function and locking mechanism  
• Retract collar to install or remove bits  
• Anodized aluminum color sleeve



ITEM NO.	SIZE	L (mm)	10	100
FTGB0807	1/4" x 1/4"	70	10	100

**90° Angled Driver Drill Tool**  
• 90° angled driver allows access to tight corners  
• 360° rotating position handle for optimum control  
• Die cast zinc alloy head with ball bearing guides for stability  
• Heat treated steel precision gears for maximum torque  
• Quick change chuck to ensure tool is held securely  
• Use with bit holders, screwdriver bits, hex drills and drill/countersinks



ITEM NO.	SIZE	L (mm)	10	100
FTGC0808	1/4" x 1/4"	47	83	10 50



This 90° Angled screwdriver head converts any power drill into an offset, quick-change screwdriver. Allows a power drill in places that would be impossible to reach with a straight driver. Can also be used with TOPTUL Item No. FTGA0808 (Universal Swivel Magnetic Quick Release Bit Holder) to increase the working angle.

ITEM NO.	SIZE	L1 (mm)	L2 (mm)	10	50
FTGC0808	1/4" x 1/4"	47	83	10	50

**Extended Flexible Extension with Magnetic Quick Release Bit Holder**  
• Made of Aluminum Alloy Steel  
• Locking, magnetic, quick release bit holder  
• Super strong magnet than standard bit holder  
• Compress silver ring to quickly insert and remove bit



ITEM NO.	SIZE	L (mm)	10	100
FTDE0833	1/4" x 1/4"	320	6	36





**8 SETS**  
1/4" Hex Drive Screwdriver Bit Set W/Display Box



**ITEM NO.** GACW3501S  
**CONTENTS** 4 (SET)  
\* **GACW3501**  
35PCS 1/4" Hex Drive Screwdriver Bit Set  
**Per Set Contents:**  
**FTGA0808**  
● 1/4" x 1/4" Universal Swivel Magnetic Quick Release Bit Holder  
**FSDA0801-0803**  
⊕ 1/4" Hex Shank Phillips Insert Bits PH1x2pcs, PH2x3pcs, PH3  
**FSCA0801-0803**  
⊕ 1/4" Hex Shank Pozl Insert Bits PZ1x2pcs, PZ2x3pcs, PZ3  
**FSA0803-0806**  
⊕ 1/4" Hex Shank Slotted Insert Bits 3, 4, 5, 5.5, 6.5 mm  
**FSDA0803-0806**  
⊕ 1/4" Hex Shank Hexagon Insert Bits 3, 4, 5, 6 mm  
**FSEA0810-0840**  
⊕ 1/4" Hex Shank Star Insert Bits T10, T15x2pcs, T20x2pcs, T25x2pcs, T27, T30x2pcs, T40x2pcs  
**FSGA0820 & 0830**  
⊕ 1/4" Hex Shank Star Tamperproof Insert Bits T20 & T30  
**PLASTIC BOX:** W115 x D77 x H43 (mm)



**W/DISPLAY BOX**  
**8 SET**

- Protective PC+TPR plastic box
- ABS inner tool tray
- Plastic box with belt clip & hanger
- 8 sets packed in each display color box



**ITEM NO.** GACW3502S  
**CONTENTS** 4 (SET)  
\* **GACW3502**  
35PCS 1/4" Hex Drive Screwdriver Bit Set  
**Per Set Contents:**  
**FTGB0807**  
● 1/4" x 1/4" Quick Change Magnetic Bit Holder  
**FSDA0801-0803**  
⊕ 1/4" Hex Shank Phillips Insert Bits PH1x2pcs, PH2x3pcs, PH3  
**FSCA0801-0803**  
⊕ 1/4" Hex Shank Pozl Insert Bits PZ1x2pcs, PZ2x3pcs, PZ3  
**FSA0803-0806**  
⊕ 1/4" Hex Shank Slotted Insert Bits 3, 4, 5, 5.5, 6.5 mm  
**FSDA0803-0806**  
⊕ 1/4" Hex Shank Hexagon Insert Bits 3, 4, 5, 6 mm  
**FSEA0810-0840**  
⊕ 1/4" Hex Shank Star Insert Bits T10, T15x2pcs, T20x2pcs, T25x2pcs, T27, T30x2pcs, T40x2pcs  
**FSGA0820 & 0830**  
⊕ 1/4" Hex Shank Star Tamperproof Insert Bits T20 & T30  
**PLASTIC BOX:** W115 x D77 x H43 (mm)



**8 SETS**  
1/4" Hex Drive Mini Ratchet Bit Set W/Display Box



**ITEM NO.** GACW3503S  
**CONTENTS** 4 (SET)  
\* **GACW3503**  
35PCS 1/4" Hex Drive Mini Ratchet Bit Set  
**Per Set Contents:**  
**CHDV0801**  
1/4" (H) 60 Teeth Mini Reversible Bit Ratchet Handle  
**FSDA0800-0803**  
⊕ 1/4" Hex Shank Phillips Insert Bits PH0, PH1, PH2, PH3  
**FSCA0800-0803**  
⊕ 1/4" Hex Shank Pozl Insert Bits PZ0, PZ1, PZ2, PZ3  
**FSHA0801 & 0802**  
⊕ 1/4" Hex Shank Square Insert Bits SQ1 & SQ2  
**FSA0803-0806**  
⊕ 1/4" Hex Shank Slotted Insert Bits 3, 4, 5.5, 6.5 mm  
**FSDA0802-0806**  
⊕ 1/4" Hex Shank Hexagon Insert Bits 2, 2.5, 3, 4, 5, 6 mm  
**FSEA0810-0840**  
⊕ 1/4" Hex Shank Star Insert Bits T10, T15, T20, T25, T27, T30, T40  
**FSGA0810-0840**  
⊕ 1/4" Hex Shank Star Tamperproof Insert Bits T10, T15, T20, T25, T27, T30, T40  
**PLASTIC BOX:** W115 x D77 x H43 (mm)

**8 SETS**  
1/4" Hex Drive Mini Ratchet Bit Set W/Display Box



**ITEM NO.** GACW3504S  
**CONTENTS** 4 (SET)  
\* **GACW3504**  
35PCS 1/4" Hex Drive Mini Ratchet Bit Set  
**Per Set Contents:**  
**CHDV0801**  
1/4" (H) 60 Teeth Mini Reversible Bit Ratchet Handle  
**FSKA0808**  
1/4" (H) x 1/4" Dr. Socket Adapter  
**FSDA0800-0803**  
⊕ 1/4" Hex Shank Phillips Insert Bits PH0, PH1, PH2x2pcs, PH3  
**FSCA0800-0803**  
⊕ 1/4" Hex Shank Pozl Insert Bits PZ0, PZ1, PZ2x2pcs, PZ3  
**FSA0803-0806**  
⊕ 1/4" Hex Shank Slotted Insert Bits 3, 4, 5.5, 6.5, 8 mm  
**FSDA0802-0806**  
⊕ 1/4" Hex Shank Hexagon Insert Bits 2, 2.5, 3, 4, 5, 6, 8 mm  
**FSEA0806-0809**  
⊕ 1/4" Hex Shank Star Insert Bits T6, T7, T8, T9  
**FSGA0810-0840**  
⊕ 1/4" Hex Shank Star Tamperproof Insert Bits T10, T15, T20, T25, T27, T30, T40  
**PLASTIC BOX:** W115 x D77 x H43 (mm)

**8 SETS**  
1/4" Hex Drive Mini Ratchet Bit Set W/Display Box



**ITEM NO.** GACW3505S  
**CONTENTS** 4 (SET)  
\* **GACW3505**  
35PCS 1/4" Hex Drive Mini Ratchet Bit Set  
**Per Set Contents:**  
**FTGB0807**  
● 1/4" x 1/4" Quick Change Magnetic Bit Holder  
**FSDA0800-0803**  
⊕ 1/4" Hex Shank Phillips Insert Bits PH0, PH1, PH2, PH3  
**FSCA0800-0803**  
⊕ 1/4" Hex Shank Pozl Insert Bits PZ0, PZ1, PZ2, PZ3  
**FSHA0801 & 0802**  
⊕ 1/4" Hex Shank Square Insert Bits SQ1 & SQ2  
**FSA0803-0806**  
⊕ 1/4" Hex Shank Slotted Insert Bits 3, 4, 5.5, 6.5 mm  
**FSDA0802-0806**  
⊕ 1/4" Hex Shank Hexagon Insert Bits 2, 2.5, 3, 4, 5, 6 mm  
**FSEA0810-0840**  
⊕ 1/4" Hex Shank Star Insert Bits T10, T15, T20, T25, T27, T30, T40  
**FSGA0810-0840**  
⊕ 1/4" Hex Shank Star Tamperproof Insert Bits T10, T15, T20, T25, T27, T30, T40  
**PLASTIC BOX:** W115 x D77 x H43 (mm)



**31PCS**  
Screwdriver Bit Set



ITEM NO.	GABW3102
CONTENTS	30 (SET)
<ul style="list-style-type: none"> <li>3 FSA0804-086E</li> <li>1/4" Hex Shank Slotted Insert Bits 4, 5.5, 6.5 mm</li> <li>3 FSBA0801-0803</li> <li>1/4" Hex Shank Phillips Insert Bits PH1, PH2, PH3</li> <li>3 FSCA0801-0803</li> <li>1/4" Hex Shank Pozzi Insert Bits PZ1, PZ2, PZ3</li> <li>3 FSDA0803-0806</li> <li>1/4" Hex Shank Hexagon Insert Bits 3, 4, 5, 6 mm</li> <li>3 FSEA0810-0840</li> <li>1/4" Hex Shank Star Insert Bits T10, T15, T20, T25, T27, T30, T40</li> <li>3 FSGA0810-0840</li> <li>1/4" Hex Shank Star Tamperproof Insert Bits T10, T15, T20, T25, T27, T30, T40</li> <li>3 FSHA0801 &amp; 0802</li> <li>1/4" Hex Shank Square Insert Bits SQ1 &amp; SQ2</li> <li>1 FTGB0807</li> <li>1/4" x 1/4" Quick Change Magnetic Bit Holder</li> </ul>	
PLASTIC BOX: W115 x D85 x H37 (mm)	

**31PCS**  
Screwdriver Bit Set



ITEM NO.	GABW3101
CONTENTS	30 (SET)
<ul style="list-style-type: none"> <li>3 FSA0804-086E</li> <li>1/4" Hex Shank Slotted Insert Bits 4, 5.5, 6.5 mm</li> <li>3 FSBA0801-0803</li> <li>1/4" Hex Shank Phillips Insert Bits PH1, PH2, PH3</li> <li>3 FSCA0801-0803</li> <li>1/4" Hex Shank Pozzi Insert Bits PZ1, PZ2, PZ3</li> <li>3 FSDA0803-0806</li> <li>1/4" Hex Shank Hexagon Insert Bits 3, 4, 5, 6 mm</li> <li>3 FSEA0810-0840</li> <li>1/4" Hex Shank Star Insert Bits T10, T15, T20, T25, T27, T30, T40</li> <li>3 FSGA0810-0840</li> <li>1/4" Hex Shank Star Tamperproof Insert Bits T10, T15, T20, T25, T27, T30, T40</li> <li>3 FSHA0801 &amp; 0802</li> <li>1/4" Hex Shank Square Insert Bits SQ1 &amp; SQ2</li> <li>1 FTGA0808</li> <li>1/4" x 1/4" Universal Swivel Magnetic Quick Release Bit Holder</li> </ul>	
PLASTIC BOX: W115 x D85 x H37 (mm)	

**31PCS**  
1/4" Hex Drive Mini Ratchet Bit Set



ITEM NO.	GA0W3102
CONTENTS	30 (SET)
<ul style="list-style-type: none"> <li>3 FSA0804-086E</li> <li>1/4" Hex Shank Slotted Insert Bits 4, 5.5, 6.5 mm</li> <li>3 FSBA0801-0803</li> <li>1/4" Hex Shank Phillips Insert Bits PH1, PH2, PH3</li> <li>3 FSCA0801-0803</li> <li>1/4" Hex Shank Pozzi Insert Bits PZ1, PZ2, PZ3</li> <li>3 FSDA0803-0806</li> <li>1/4" Hex Shank Hexagon Insert Bits 3, 4, 5, 6 mm</li> <li>3 FSEA0810-0840</li> <li>1/4" Hex Shank Star Insert Bits T10, T15, T20, T25, T27, T30, T40</li> <li>3 FSGA0810-0840</li> <li>1/4" Hex Shank Star Tamperproof Insert Bits T10, T15, T20, T25, T27, T30, T40</li> <li>3 FSHA0801 &amp; 0802</li> <li>1/4" Hex Shank Square Insert Bits SQ1 &amp; SQ2</li> <li>1 FSKA0808</li> <li>1/4" (H) x 1/4" Dr. Socket Adapter</li> <li>1 CHDV0801</li> <li>1/4" (H) 60 Teeth Mini Reversible Bit Ratchet Handle</li> </ul>	
PLASTIC BOX: W115 x D85 x H37 (mm)	

**34PCS**  
1/4" Hex Drive Mini Ratchet Bit Set  
1/4"



ITEM NO.	GA0W3401
CONTENTS	30 (SET)
<ul style="list-style-type: none"> <li>3 FSA0803-0806</li> <li>1/4" Hex Shank Slotted Insert Bits 3, 4, 5.5, 6.5, 8 mm</li> <li>3 FSBA0801-0803</li> <li>1/4" Hex Shank Phillips Insert Bits PH1, PH2x2pcs, PH3</li> <li>3 FSCA0801-0803</li> <li>1/4" Hex Shank Pozzi Insert Bits PZ1, PZ2, PZ3</li> <li>3 FSDA0802-0808</li> <li>1/4" Hex Shank Hexagon Insert Bits 2, 2.5, 3, 4, 5, 6, 7, 8 mm</li> <li>3 FSEA0806-0809</li> <li>1/4" Hex Shank Star Insert Bits T6, T7, T8, T9</li> <li>3 FSGA0810-0840</li> <li>1/4" Hex Shank Star Tamperproof Insert Bits T10, T15, T20, T25, T27, T30, T40</li> <li>1 FSKA0808</li> <li>1/4" x 1/4" Dr. Socket Adapter</li> <li>1 FTDF0810</li> <li>1/4" x 1/4" Magnetic Bit Holder</li> <li>1 CHEV0811</li> <li>1/4" (H) 60 Teeth Locking Flexible Head Mini Reversible Bit Ratchet Handle</li> </ul>	
PLASTIC BOX: W124 x D70.5 x H35 (mm)	



**1/4" Hex Shank 2-In-1 Countersink Power Bits**

- High Strength S2 Steel Bits
- Tempered and hardened
- Quickly use one bit to countersink and screw
- 1/4" hex shank with power groove



SPECIAL DESIGNED PHILLIPS TIP

TYPE	ITEM NO.	SIZE	L (mm)	W	H
+	FWAA0802G	PH2	50	20	240



Simple, quick and easy to use one bit to countersink and screw



2PCS Blister

**1/4" Hex Shank Phillips Quick Change Magnetic Power Bits**

- High Strength S2 Steel Bits
- Tempered and hardened
- External strong magnetic color collar for static screw retention and positioning
- 1/4" hex shank with power groove



Magnetic



Strong magnetic silver color ring inside the anodized color collar for positive screw retention and positioning



Blister

TYPE	ITEM NO.	SIZE	L (mm)	W	H
+	FQBB0802	PH2	50	15	180

**1/4" Hex Shank Square Quick Change Magnetic Power Bits**

- High Strength S2 Steel Bits
- Tempered and hardened
- External strong magnetic color collar for static screw retention and positioning
- 1/4" hex shank with power groove



Magnetic



Strong magnetic silver color ring inside the anodized color collar for positive screw retention and positioning



Blister

TYPE	ITEM NO.	SIZE	L (mm)	W	H
+	FQHB0802	SQ2	50	15	180



**10PCS**  
Power Screwdriver Bit Set



ITEM NO.	CONTENTS	50 (SET)
GAAW1002	10 Double End Phillips #1 Insert Bit PH1 x 65mm(L)	
GAAW1001	10 Double End Phillips #2 Insert Bit PH2 x 65mm(L)	
GAAW1003	10 Double End Phillips #3 Insert Bit PH3 x 65mm(L)	

**10PCS**  
Double End Power Bit Set

- Made of S2 Alloy Steel Material
- Precision machined tip
- Full hardened & tempered
- Manufacturing according to DIN ISO 2380-1 & DIN ISO 8764-1



ITEM NO.	CONTENTS	50 (SET)
GAAW1004	10 Double End Power Bit PH2 x 1.0 x 6mm - 65mm(L)	



Blister

**1/4" Magnetic Power Bit Holder**

- Strong magnetic bit retention ensures a safe grip of bits and screws
- 1/4" hex fitting for power tools or hand drivers
- Material: Shaft Body (Chrome Vanadium Alloy Steel) / sleeve socket (Stainless Steel)
- Overall Length: 60mm



• Magnetic

Blister



ITEM NO.	SIZE	L (mm)	⊕	⊖
FTDC0808G	1/4" x 1/4"	60	15	180

**1/4" Hex Shank Magnetic Power Nut Setter**

- Made of Chrome Vanadium Steel
- Precision machined tip for proper fit
- Magnetic shaft holds fastener securely
- Rugged single-piece construction provides long service life under constant use
- Ideal for quick and easy driving of nuts, bolts and hex head screws

Blister



• BEAA0810



• BFAA0812



• BEAD0808

TYPE	ITEM NO.	SIZE (mm)	L (mm)	⊕	⊖
○	BEAA0806G	6	65	12	120
○	BEAA0807G	7	65	12	120
○	BEAA0808G	8	65	12	120
○	BEAA0810G	10	65	12	120
○	BEAA0813G	13	65	12	120

TYPE	ITEM NO.	SIZE (inch)	L (mm)	⊕	⊖
○	BFAA0808G	1/4	65	12	120
○	BFAA0812G	3/8	65	12	120

TYPE	ITEM NO.	SIZE (mm)	L (mm)	⊕	⊖
○	BEAB0808G	8	100	12	72

**1/4" Hex Shank Magnetic Power Nut Setter**

- Made of S2 Alloy Steel
- Precision machined tip for proper fit
- Magnetic shaft holds fastener securely
- Rugged single-piece construction provides long service life under constant use
- Ideal for quick and easy driving of nuts, bolts and hex head screws

Blister



TYPE	ITEM NO.	SIZE (mm)	L (mm)	⊕	⊖
○	BEAD0808G	8	200	12	72

**1/4" Hex Shank Socket Adapter**

- Made of Chrome Vanadium Alloy Steel
- Square drive with ball retainer
- 1/4" hex fitting for power tools or hand drivers

Blister



ITEM NO.	SIZE	L (mm)	⊕	⊖
FPKA0808G	1/4" x 1/4"	50	15	180
FPKA0812G	1/4" x 3/8"	65	15	180
FPKA0816G	1/4" x 1/2"	72	15	180

**3PCS Power Socket Adapter Set**

CR-V

Blister



• FPKA0808



• FPKA0812



• FPKA0816

ITEM NO.	CONTENTS	⊕	⊖
GAAR0301	1 FPKA0808 1/4" Hex Shank Socket Adapter 1/4" x 1/4" L=50mm	20	80
	1 FPKA0812 1/4" Hex Shank Socket Adapter 1/4" x 3/8" L=65mm		
	1 FPKA0816 1/4" Hex Shank Socket Adapter 1/4" x 1/2" L=72mm		

**1/4" Magnetic Power Bit Holder**

- Strong magnetic bit retention ensures a safe grip of bits and screws
- 1/4" hex fitting for power tools or hand drivers
- Material: Shaft Body (Chrome Vanadium Alloy Steel) / sleeve socket (Stainless Steel)
- Overall Length: 60mm



• Magnetic



ITEM NO.	SIZE	L (mm)	⊕	⊖
FTDC0808	1/4" x 1/4"	60	15	270

**1/4" Hex Shank Socket Adapter**

- Made of Chrome Vanadium Alloy Steel
- 1/4" square drive with ball retainer



ITEM NO.	SIZE	L (mm)	⊕	⊖
FSKA0808	1/4" x 1/4"	25	30	360

**1/4" Hex Shank Socket Adapter**

- Made of Chrome Vanadium Alloy Steel
- Square drive with ball retainer
- 1/4" hex fitting for power tools or hand drivers



ITEM NO.	SIZE	L (mm)	⊕	⊖
FPKA0808	1/4" x 1/4"	50	20	240
FPKA0812	1/4" x 3/8"	65	15	180
FPKA0816	1/4" x 1/2"	72	10	120

Color Box



**1/4" Hex Shank Magnetic Power Nut Setter**

- Made of Chrome Vanadium Steel
- Precision machined tip for proper fit
- Magnetic shaft holds fastener securely
- Rugged single-piece construction provides long service life under constant use
- Ideal for quick and easy driving of nuts, bolts and hex head screws



• BEAA0810



• BFAA0812



• BEAD0808

TYPE	ITEM NO.	SIZE (mm)	L (mm)	⊕	⊖
○	BEAA0806	6	65	50	400
○	BEAA0807	7	65	50	400
○	BEAA0808	8	65	50	400
○	BEAA0810	10	65	50	400
○	BEAA0813	13	65	50	400

TYPE	ITEM NO.	SIZE (inch)	L (mm)	⊕	⊖
○	BFAA0808	1/4	65	50	400
○	BFAA0812	3/8	65	50	400

TYPE	ITEM NO.	SIZE (mm)	L (mm)	⊕	⊖
○	BEAB0808	8	100	50	400

**1/4" Hex Shank Magnetic Power Nut Setter**

- Made of S2 Alloy Steel
- Precision machined tip for proper fit
- Magnetic shaft holds fastener securely
- Rugged single-piece construction provides long service life under constant use
- Ideal for quick and easy driving of nuts, bolts and hex head screws



TYPE	ITEM NO.	SIZE (mm)	L (mm)	⊕	⊖
○	BEAD0808	8	200	10	120

**1/4" Hex Shank Phillips Magnetic Power Screwdriver Bits**

- Made of S2 Alloy Steel Material
- Precision machined and magnetic tip
- Fully hardened & tempered



• FSLA



• FSLB



• FSLC

TYPE	ITEM NO.	⊕ mm	SIZE	L (mm)	⊕	⊖
⊕	FSLA0802	4.5	PH2	50	100	1800

TYPE	ITEM NO.	⊕ mm	SIZE	L (mm)	⊕	⊖
⊕	FSLB0802	4.5	PH2	100	50	800

TYPE	ITEM NO.	⊕ mm	SIZE	L (mm)	⊕	⊖
⊕	FSLC0802	4.5	PH2	150	50	800



**Color Box**



**New Designed Anti-Slip Phillips Tips**

THESE RIBS HELP REDUCE CAMOUT OR SLIPPAGE OF THE DRIVER BITS DURING OPERATION

This advanced Phillips tip ensures the driver is securely fitted to the screw. It can effectively eliminate the possible damages to the screw heads. The ribbed and precision machined tip (driver) also provides consistent engagement to the screw. It is perfect to use and drive the screw in the hard to reach areas.

**1/4" Hex Shank Anti-Slip Phillips Magnetic Power Screwdriver Bits**

- Made of S2 Alloy Steel Material
- Precision machined and magnetic tip
- Fully hardened & tempered
- New designed & improved anti-slip Phillips tip



TYPE	ITEM NO.	Ø (mm)	SIZE	L (mm)	Ø (mm)	L (mm)
+	FSMA0802	4.8	PH2	50	100	1600

TYPE	ITEM NO.	Ø (mm)	SIZE	L (mm)	Ø (mm)	L (mm)
+	FSMB0802	4.8	PH2	100	50	800

TYPE	ITEM NO.	Ø (mm)	SIZE	L (mm)	Ø (mm)	L (mm)
+	FSMC0802	4.8	PH2	150	50	800

**1/4" Hex Shank Star Power Screwdriver Bits**

- Made of S2 Alloy Steel Material
- Precision machined tip
- Fully hardened & tempered



TYPE	ITEM NO.	Ø (mm)	SIZE	L (mm)	Ø (mm)	L (mm)
○	FSSA0810	4	T10	50	100	1600
○	FSSA0815	4	T15	50	100	1600
○	FSSA0820	4.5	T20	50	100	1600
○	FSSA0825	5	T25	50	100	1600
○	FSSA0827	6	T27	50	100	1600
○	FSSA0830	6	T30	50	100	1600
○	FSSA0840	7.2	T40	50	100	1600

TYPE	ITEM NO.	Ø (mm)	SIZE	L (mm)	Ø (mm)	L (mm)
○	FSSD0810	4	T10	70	100	1600
○	FSSD0815	4	T15	70	100	1600
○	FSSD0820	4.5	T20	70	100	1600
○	FSSD0825	5	T25	70	100	1600
○	FSSD0827	6	T27	70	100	1200
○	FSSD0830	6	T30	70	100	1200
○	FSSD0840	7.2	T40	70	100	1200

**1/4" Hex Shank Phillips Power Screwdriver Bits**

- Made of S2 Alloy Steel Material
- Precision machined tip
- Fully hardened & tempered



TYPE	ITEM NO.	Ø (mm)	SIZE	L (mm)	Ø (mm)	L (mm)
+	FSIA0801	5	PH1	50	100	1600
+	FSIA0802	6	PH2	50	100	1600
+	FSIA0803	6	PH3	50	100	1600

TYPE	ITEM NO.	Ø (mm)	SIZE	L (mm)	Ø (mm)	L (mm)
+	FSID0801	5	PH1	70	100	1600
+	FSID0802	6	PH2	70	100	1600
+	FSID0803	6	PH3	70	100	1600

TYPE	ITEM NO.	Ø (mm)	SIZE	L (mm)	Ø (mm)	L (mm)
+	FSIB0801	5	PH1	100	50	800
+	FSIB0802	6	PH2	100	50	800
+	FSIB0803	6	PH3	100	50	800

TYPE	ITEM NO.	Ø (mm)	SIZE	L (mm)	Ø (mm)	L (mm)
+	FSIC0802	6	PH2	150	50	800

**1/4" Hex Shank Slotted Power Screwdriver Bits**

- Made of S2 Alloy Steel Material
- Precision machined tip
- Fully hardened & tempered



TYPE	ITEM NO.	Ø (mm)	SIZE	L (mm)	Ø (mm)	L (mm)	
+	FSQA0803	3	0.5	3	50	100	1600
+	FSQA083E	3.5	0.6	3.5	50	100	1600
+	FSQA0804	4	0.5	4	50	100	1600
+	FSQA084E	4.5	0.6	4.5	50	100	1600
+	FSQA085E	5.5	0.8	5.5	50	100	1600
+	FSQA0806	6	1.0	6	50	100	1600
+	FSQA086E	6.5	1.2	7.2	50	100	1600
+	FSQA0808	8	1.2	8	50	100	1600

**1/4" Hex Shank Hexagon Power Screwdriver Bits**

- Made of S2 Alloy Steel Material
- Precision machined tip
- Fully hardened & tempered



TYPE	ITEM NO.	Ø (mm)	SIZE	L (mm)	Ø (mm)	L (mm)
○	FSOA0803	4	3	50	100	1600
○	FSOA0804	5	4	50	100	1600
○	FSOA0805	6	5	50	100	1600
○	FSOA0806	7.2	6	50	100	1600
○	FSOA0808	9	8	50	100	1200

**1/4" Hex Shank Pozzi Power Screwdriver Bits**

- Made of S2 Alloy Steel Material
- Precision machined tip
- Fully hardened & tempered



TYPE	ITEM NO.	Ø (mm)	SIZE	L (mm)	Ø (mm)	L (mm)
+	FSRA0801	5	PZ1	50	100	1600
+	FSRA0802	6	PZ2	50	100	1600
+	FSRA0803	6	PZ3	50	100	1600

**Blister**

**1/4" Hex Shank Slotted Power Screwdriver Bits**

- Made of S2 Alloy Steel Material
- Precision machined tip
- Fully hardened & tempered



TYPE	ITEM NO.	Ø (mm)	SIZE	L (mm)	Ø (mm)	L (mm)	
+	FSQA0803G	3	0.5	3	50	15	60
+	FSQA083EG	3.5	0.6	3.5	50	15	60
+	FSQA0804G	4	0.5	4	50	15	60
+	FSQA084EG	4.5	0.6	4.5	50	15	60
+	FSQA085EG	5.5	0.8	5.5	50	15	60
+	FSQA0806G	6	1.0	6	50	15	60
+	FSQA086EG	6.5	1.2	7.2	50	15	60
+	FSQA0808G	8	1.2	8	50	15	60

NOTE: FSQA0808G, Blister (8PCS/SET)

**1/4" Hex Shank Hexagon Power Screwdriver Bits**

- Made of S2 Alloy Steel Material
- Precision machined tip
- Fully hardened & tempered



TYPE	ITEM NO.	Ø (mm)	SIZE	L (mm)	Ø (mm)	L (mm)
○	FSOA0803G	4	3	50	15	60
○	FSOA0804G	5	4	50	15	60
○	FSOA0805G	6	5	50	15	60
○	FSOA0806G	7.2	6	50	15	60
○	FSQA0808G	9	8	50	15	60

NOTE: FSOA0808G, Blister (8PCS/SET)

**1/4" Hex Shank Pozzi Power Screwdriver Bits**

- Made of S2 Alloy Steel Material
- Precision machined tip
- Fully hardened & tempered



TYPE	ITEM NO.	Ø (mm)	SIZE	L (mm)	Ø (mm)	L (mm)
+	FSRA0801G	5	PZ1	50	15	60
+	FSRA0802G	6	PZ2	50	15	60
+	FSRA0803G	6	PZ3	50	15	60

**1/4" Hex Shank Phillips Power Screwdriver Bits**

- Made of S2 Alloy Steel Material
- Precision machined tip
- Fully hardened & tempered



TYPE	ITEM NO.	Ø (mm)	SIZE	L (mm)	Ø (mm)	L (mm)
+	FSIA0801G	5	PH1	50	15	60
+	FSIA0802G	6	PH2	50	15	60
+	FSIA0803G	6	PH3	50	15	60
+	FSID0801G	5	PH1	70	15	60
+	FSID0802G	6	PH2	70	15	60
+	FSID0803G	6	PH3	70	15	60

**1/4" Hex Shank Phillips Power Screwdriver Bits**

- Made of S2 Alloy Steel Material
- Precision machined tip
- Fully hardened & tempered



TYPE	ITEM NO.	Ø (mm)	SIZE	L (mm)	Ø (mm)	L (mm)
+	FSIB0801G	5	PH1	100	15	90
+	FSIB0802G	6	PH2	100	15	90
+	FSIB0803G	6	PH3	100	15	90



**1/4" Hex Shank Star Power Screwdriver Bits**

- Made of S2 Alloy Steel Material
- Precision machined tip
- Fully hardened & tempered



TYPE	ITEM NO.	Ø (mm)	SIZE	L (mm)	Ø (mm)	L (mm)
○	FSSA0810G	4	T10	50	15	60
○	FSSA0815G	4	T15	50	15	60
○	FSSA0820G	4.5	T20	50	15	60
○	FSSA0825G	5	T25	50	15	60
○	FSSA0827G	6	T27	50	15	60
○	FSSA0830G	6	T30	50	15	60
○	FSSA0840G	7.2	T40	50	15	60

TYPE	ITEM NO.	Ø (mm)	SIZE	L (mm)	Ø (mm)	L (mm)
○	FSSD0810G	4	T10	70	15	60
○	FSSD0815G	4	T15	70	15	60
○	FSSD0820G	4.5	T20	70	15	60
○	FSSD0825G	5	T25	70	15	60
○	FSSD0827G	6	T27	70	15	60
○	FSSD0830G	6	T30	70	15	60
○	FSSD0840G	7.2	T40	70	15	60



Blister

MAGNETIC



**TOPTUL**  
Power Screwdriver Bits



**New Designed Anti-Slip Phillips Tips**

THESE RIBS HELP REDUCE CAMOUT OR SLIPPAGE OF THE DRIVER BITS DURING OPERATION

This advanced Phillips tip ensures the driver is securely fitted to the screw. It can effectively eliminate the possible damages to the screw heads. The ribbed and precision machined tip (driver) also provides consistent engagement to the screw. It is perfect to use and drive the screw in the hard to reach areas.

**1/4" Hex Shank Anti-Slip Phillips Magnetic Power Screwdriver Bits**

- Made of S2 Alloy Steel Material
- Precision machined and magnetic tip
- Fully hardened & tempered
- New designed & improved anti-slip Phillips tip



• FSMA

Blister (10PCS)



Zinc Phosphate Finished

TYPE	ITEM NO.	Ø mm	SIZE	L (mm)	W (mm)	H (mm)
+	FSMA0802G	4.8	PH2	50	15	60

**1/4" Hex Shank Anti-Slip Phillips Magnetic Power Screwdriver Bits**

- Made of S2 Alloy Steel Material
- Precision machined and magnetic tip
- Fully hardened & tempered
- New designed & improved anti-slip Phillips tip



• FSMB

Blister (4PCS)



Zinc Phosphate Finished

TYPE	ITEM NO.	Ø mm	SIZE	L (mm)	W (mm)	H (mm)
+	FSMB0802G	4.8	PH2	100	15	90

Zinc Phosphate Finished

TYPE	ITEM NO.	Ø mm	SIZE	L (mm)	W (mm)	H (mm)
+	FSMC0802G	4.8	PH2	150	12	48

**1/4" Hex Shank Phillips Magnetic Power Screwdriver Bits**

- Made of S2 Alloy Steel Material
- Precision machined and magnetic tip
- Fully hardened & tempered

Blister (10PCS)



• FSLA



Zinc Phosphate Finished

TYPE	ITEM NO.	Ø mm	SIZE	L (mm)	W (mm)	H (mm)
+	FSLA0802G	4.5	PH2	50	15	60

**1/4" Hex Shank Phillips Magnetic Power Screwdriver Bits**

- Made of S2 Alloy Steel Material
- Precision machined and magnetic tip
- Fully hardened & tempered



• FSLB

Blister (4PCS)



Zinc Phosphate Finished

TYPE	ITEM NO.	Ø mm	SIZE	L (mm)	W (mm)	H (mm)
+	FSLB0802G	4.5	PH2	100	15	90

Zinc Phosphate Finished

TYPE	ITEM NO.	Ø mm	SIZE	L (mm)	W (mm)	H (mm)
+	FSLC0802G	4.5	PH2	150	12	48



**PROFESSIONAL  
HAND TOOLS**

**PLIERS  
SERIES**

Exceptional multi-purposes cutting and gripping tools with various capacity to use.







Plier Series

**WIRE CLASSES**

Material examples	Wire hardness	Material examples	Wire hardness
(Copper, Aluminum)	Soft Wire	(Spring Steel)	Piano Wire
(Iron Wire)	Medium Hard Wire		Cable
(Steel Wire)	Hard Wire		Wire Rope

**CUTTING EDGE SHAPES**

Center cutter	Cutting edges with bevel	Cutting with very small bevel	Cutting without facet

**JAWS FORMS**

Flat jaws	Half-round jaws	Round jaws

**GRIPPING SURFACES**

Serrated	Smooth	Cross-hatched

**SPRING-LOADED RETURN**

with opening spring

**Combination Pliers**

- Chrome Vanadium Steel Material
- High-frequency hardened cutting edges for optimum power and durability
- Precision machined jaws, ideal for gripping, twisting and cutting
- Comfort double dipped, non-slip grip handle
- Manufacturing according to DIN ISO 5746



ITEM NO.	SIZE (inch)	MAX. CAPACITY				
		Ø (mm)	Ø (mm)	Ø (mm)		
DBAB2206B	6	2.8	1.8	1.8	10	40
DBAB2207B	7	3.0	2.0	2.0	10	40
DBAB2208B	8	3.0	2.0	2.0	10	40

**Long Nose Pliers**

- Chrome Vanadium Steel Material
- Serrated and rigid jaws, ideal for forming, bending, gripping and cutting works
- Individually high frequency induction hardened cutting edges for long service life
- Comfort double dipped, non-slip grip handle
- Manufacturing according to DIN ISO 5745



ITEM NO.	SIZE (inch)	MAX. CAPACITY				
		Ø (mm)	Ø (mm)	Ø (mm)		
DFAB2206B	6	2.8	1.8	1.8	10	40
DFAB2208B	8	3.0	2.0	1.8	10	40

**Slant Edge Cutting Pliers with Wire Stripper**

- Drop Forged S50C Carbon Steel Material
- Hot-riveted joints ensures smooth cutting action and no handle wobble
- Suitable for cutting filament and copper wire of all electrical works and etc.
- Comfort non-slip grip plastic handle



ITEM NO.	SIZE (inch)	MAX. CAPACITY			Wire Stripper (mm)		
		Ø (mm)	Ø (mm)	Ø (mm)			
DEAA1208B	6	3.0	2.0	1.2 & 1.6	10	40	

**Heavy Duty Diagonal Cutting Pliers**

- Chrome Vanadium Steel Material
- High-leverage design, rivet is closer to the beveled cutting edge for optimum cutting power
- Individually high frequency induction hardened cutting edges for long service life
- Comfort double dipped, non-slip grip handle
- Manufacturing according to DIN ISO 5749



ITEM NO.	SIZE (inch)	MAX. CAPACITY				
		Ø (mm)	Ø (mm)	Ø (mm)		
DEAC2207B	7	3.0	2.0	1.8	10	40
DEAC2208B	8	3.5	2.2	2.0	10	40

**High-Leverage Combination Pliers**

- Made of drop forged & heat treated Chrome Molybdenum Alloy Steel
- Improved lever action for greater cutting power with less effort
- Precision machined serrated jaws with induction hardened cutting edge
- Includes both flat and conduit gripping jaws for versatile use
- Manufacturing according to DIN ISO 5746



ITEM NO.	SIZE (inch)	MAX. CAPACITY				
		Ø (mm)	Ø (mm)	Ø (mm)		
DBAC1209	9	3.0	2.0	1.6	6	72

**40° Diagonal Cutting Pliers**

- Chrome Vanadium Steel Material
- High-frequency hardened cutting edges for optimum power and durability
- 40° cutting edge designed for easy pulling nail from tire
- Comfortable double plastic-coated grip handle



ITEM NO.	SIZE (inch)	MAX. CAPACITY				
		Ø (mm)	Ø (mm)	Ø (mm)		
DEAD2206	6	1.6	1.0	1.0	10	40

**Long Round Nose Pliers**

- Chrome Vanadium Steel Material
- Precision ground, long round jaws with smooth tips
- Ideal for bending wire loops and hoops
- Comfort non-slip grip handle
- Manufacturing according to DIN ISO 5745



ITEM NO.	SIZE (inch)	MAX. CAPACITY				
		Ø (mm)	Ø (mm)	Ø (mm)		
DFAL2206B	6	10	40			

**Heavy Duty Wire Cutter**

- Chrome Vanadium Steel Material
- Induction hardened cutting edge
- Steel opening spring for long service life
- Comfortable double plastic-coated grip handle



ITEM NO.	SIZE (inch)	MAX. CAPACITY				
		Ø (mm)	Ø (mm)	Ø (mm)		
SBAF0804	8	4.0	3.0	2.0	6	72

**Diagonal Cutting Pliers**

- Chrome Vanadium Steel Material
- Short jaws and beveled cutting edges permit close cutting of wire
- Hot-riveted joints ensures smooth action and no handle wobble
- Comfort non-slip grip handle
- Manufacturing according to DIN ISO 5748



ITEM NO.	SIZE (inch)	MAX. CAPACITY				
		Ø (mm)	Ø (mm)	Ø (mm)		
DEAB2206	6	2.8	2.0	1.6	10	40



**Carpenter's Pincers**

- Chrome Vanadium Steel Material
- Induction hardened cutting edges
- Sturdy head designed for maximum strength and leverage
- Suitable to grip and extract nails/tacks without cutting
- Comfortable non-slip grip handle
- Manufacturing according to DIN ISO 9243



ITEM NO.	SIZE (inch)	MAX. CAPACITY	CR-MO	ISO
		Ø (mm)		
DOAA1208	8	2.2		10 50

**Tower Pincers**

- Chrome Molybdenum Steel Material
- Induction heat-treated cutting edges nip wire and protruding nails
- Sturdy head designed for maximum strength and leverage
- Comfort non-slip grip handle
- Manufacturing according to DIN ISO 9242



ITEM NO.	SIZE (inch)	MAX. CAPACITY	CR-MO	ISO
		Ø (mm)		
DJAA1209	9	2.4 1.6		10 40
DJAA1210	10	2.4 1.6		10 40

**Tower Pincers**

- Chrome Molybdenum Steel Material
- Induction hardened cutting edges nip wire and protruding nails easily
- Sturdy head designed for maximum strength and leverage
- To twist and cut wire in one operation
- Manufacturing according to DIN ISO 9242



ITEM NO.	SIZE (inch)	MAX. CAPACITY	CR-MO	ISO
		Ø (mm)		
DJAA0110	10	2.4 1.6		10 40

**End Cutting Nippers**

- Chrome Molybdenum Steel Material
- Induction heat-treated cutting edges nip wire and protruding nails
- Sturdy head designed for maximum strength and leverage
- Comfort non-slip grip handle
- Manufacturing according to ASME B107.500



ITEM NO.	SIZE (inch)	MAX. CAPACITY	CR-MO	ISO
		Ø (mm)		
DJAA1208	8	3.2 2.4 2.0		10 40

**Slip Joint Pliers**

- Chrome Vanadium Steel Material
- High precision milling smooth jaws for extra grip and ease of handling
- Serrated and accurately machined jaws provide a firm grip on the objects
- Comfort non-slip grip handle
- Manufacturing according to ASME B107.500



ITEM NO.	SIZE (inch)	CR-MO	ISO
DHAA1208	8		10 40

**Heavy Duty Flat Nose Duck Bill Pliers**

- High grade special tool steel material
- Diamond serrated jaws for more gripping, pulling and twisting power
- High-leverage designed handle increases clamping force
- Specially suitable for gripping and assembly work with a higher prehensile strength
- Comfort double dipped, non-slip grip handle
- Manufacturing according to DIN ISO 5743



ITEM NO.	SIZE (inch)	CR-MO	ISO
DFDC1208	8		10 40

HEAVY DUTY FLAT NOSE DUCK BILL PLIERS

**Long Reach Nose Pliers**



ITEM NO.	SIZE (inch)	BENDING (Degree)	CR-MO	ISO
DFAI1211	11	90°		10 40
DFAH1211	11	45°		10 40
DFAG1211	11	0°		10 40

**Long Hose Gripper Pliers**



ITEM NO.	SIZE (inch)	HEAD (inch)	CR-MO	ISO
DFAD1211	11	5/16		10 40
DFAE1211	11	1/2		10 40
DFAF1211	11	3/4		10 40

**Groove-Joint Water Pump Pliers**

- Chrome Vanadium Steel Material
- Strong self-gripping teeth for joints, fasteners and pipes
- Comfort non-slip grip handle
- Manufacturing according to DIN ISO 8976



ITEM NO.	SIZE (inch)	GRIP CAPACITY (mm)	ADJUSTMENT	CR-MO	ISO
DDAA1210	10	50	7		10 40
DDAA1212	12	66	7		2 16
DDAA1216	16	110	11		2 12

**Safety Wire Twisting Pliers**

- Induction hardened & precision machined cutting edges
- Precision machined serrated jaws for optimum power and durability
- Automatic return action provides quick and easy wire twisting job while reduces fatigue
- Self-lock design ensures serrated jaw firmly grip wire while twisting
- Primarily used in the aviation and all forms of racing industries for wire locking nuts in safety critical applications
- Maximum wire capacity: Twist 1.0 mm dia., cut 1.0 mm (Stainless Steel)



ITEM NO.	SIZE (inch)	CR-MO	ISO
DACA1A06	6		12 48
DACA1A09	9		12 48

**Reversible Safety Wire Twisting Pliers**

- Induction hardened & precision machined cutting edges
- Precision machined serrated jaws for optimum power and durability
- Apply to clockwise and counterclockwise direction for wire twisting application
- Automatic return action provides quick and easy wire twisting job while reduces fatigue
- Self-lock design ensures serrated jaw firmly grip wire while twisting
- Primarily used in the aviation and all forms of racing industries for wire locking nuts in safety critical applications
- Maximum wire capacity: Twist 1.0 mm dia., cut 1.0 mm (Stainless Steel)



ITEM NO.	SIZE (inch)	CR-MO	ISO
DACB1A06	6		10 40
DACB1A09	9		10 30

**Professional Series Box-Joint Water Pump Pliers with Quick-Adjust Button**

- Chrome Vanadium Steel Material
- Induction hardened jaw for maximum strength and durability
- Push-lock design allows quick and easy adjustment
- With safety clamping protection to prevent injuries during application
- Accurately machined jaws provides a firm grip on cylindrical or hexagonal objects
- Fine adjustment for optimum adaptation to different size work pieces
- Comfort non-slip grip handle
- Compliance with DIN ISO 8976 specification



ITEM NO.	SIZE (inch)	GRIP CAPACITY (mm)	ADJUSTMENT	CR-MO	ISO
DDAG1207	7	36	18		10 40
DDAG1210	10	50	24		10 40
DDAG1212	12	66	31		10 30



BOX-JOINT WATER PUMP PLIERS WITH QUICK-ADJUST BUTTON

Step 1.



Both wire ends gripped in jaw. Lock the Pliers.

Step 2.



Pull to twist lock-wire. Push back for more travel if required.

Step 3.



Finish job with side cutter.

Step 1.



Both wire ends gripped in jaw. Lock the Pliers.

Step 2.



Pull to twist lock-wire. Push back for more travel if required.

Step 3.



Finish job with side cutter.



Gripping surfaces with special hardened teeth. Quickly adjustment by pushing a button



Fast and firm adjustment directly on the work piece





**Retaining Ring Pliers**

**90° Retaining Ring Pliers**  
(External Ring)

- Heavy duty model for continuous and intensive operation
- Rigid and precision machined ball-bearing steel tips
- Drop forged, hardened and tempered tool steel body
- Slim pliers head for easy access to workpieces
- Large, easy fitting contact tips prevent circlips from deformation
- Internal invisible spring assisted opening
- Non-slip, comfort plastic coating handles
- Manufacturing according to DIN 5254 Form B



For external ring, 10 to 100 mm diameter

ITEM NO.	SIZE (inch)	CAPACITY (Ø)	20	36
DCBA1305	5	10-25mm	10	40
DCBA1307	7	19-60mm	10	40
DCBA1309	9	40-100mm	10	40

**Straight Retaining Ring Pliers**  
(External Ring)

- Heavy duty model for continuous and intensive operation
- Rigid and precision machined ball-bearing steel tips
- Drop forged, hardened and tempered tool steel body
- Slim pliers head for easy access to workpieces
- Large, easy fitting contact tips prevent circlips from deformation
- Internal invisible spring assisted opening
- Non-slip, comfort plastic coating handles
- Manufacturing according to DIN 5254 Form A



For external ring, 10 to 100 mm diameter

ITEM NO.	SIZE (inch)	CAPACITY (Ø)	20	36
DCBB1305	5	10-25mm	10	40
DCBB1307	7	19-60mm	10	40
DCBB1309	9	40-100mm	10	40

**90° Retaining Ring Pliers**  
(Internal Ring)

- Heavy duty model for continuous and intensive operation
- Rigid and precision machined ball-bearing steel tips
- Drop forged, hardened and tempered tool steel body
- Slim pliers head for easy access to workpieces
- Large, easy fitting contact tips prevent circlips from deformation
- Internal invisible spring assisted opening
- Non-slip, comfort plastic coating handles
- Manufacturing according to DIN 5258 Form D



For internal ring, 12 to 100 mm diameter

ITEM NO.	SIZE (inch)	CAPACITY (Ø)	20	36
DCBC1305	5	12-25mm	10	40
DCBC1307	7	19-60mm	10	40
DCBC1309	9	40-100mm	10	40

**Straight Retaining Ring Pliers**  
(Internal Ring)

- Heavy duty model for continuous and intensive operation
- Rigid and precision machined ball-bearing steel tips
- Drop forged, hardened and tempered tool steel body
- Slim pliers head for easy access to workpieces
- Large, easy fitting contact tips prevent circlips from deformation
- Internal invisible spring assisted opening
- Non-slip, comfort plastic coating handles
- Manufacturing according to DIN 5256 Form C



For internal ring, 12 to 100 mm diameter

ITEM NO.	SIZE (inch)	CAPACITY (Ø)	20	36
DCBD1305	5	12-25mm	10	40
DCBD1307	7	19-60mm	10	40
DCBD1309	9	40-100mm	10	40

**4PCS Mini Retaining Ring Pliers Set**

- Chrome Molybdenum Steel Material
- Mini-size designed for easy access into tight spaces
- Spring-assisted opening for internal / external circlip
- Tip size: 0.038" (1mm) diameter
- Circlip size: 10 - 22mm in diameter
- Comfort non-slip grip handle



• Blister

ITEM NO.	CONTENTS	20 (SET)	36
GAAR0403	• Mini 45° Retaining Ring Pliers (External Ring) - 3° • Mini Straight Retaining Ring Pliers (External Ring) - 3° • Mini 45° Retaining Ring Pliers (Internal Ring) - 3° • Mini Straight Retaining Ring Pliers (Internal Ring) - 3°		

**4PCS Retaining Ring Pliers Set**



ITEM NO.	CONTENTS	20 (SET)
GPAQ0402	• DCBB1307 Straight Retaining Ring Pliers (External Ring) - 7° • DCBD1307 Straight Retaining Ring Pliers (Internal Ring) - 7° • DCBA1307 90° Retaining Ring Pliers (External Ring) - 7° • DCBC1307 90° Retaining Ring Pliers (Internal Ring) - 7°	

**4PCS Retaining Ring Pliers Set**



ITEM NO.	CONTENTS	20 (SET)
GPAQ0401	• DCAB1207 Straight Retaining Ring Pliers (External Ring) - 7° • DCAD1207 Straight Retaining Ring Pliers (Internal Ring) - 7° • DCAA1207 90° Retaining Ring Pliers (External Ring) - 7° • DCAC1207 90° Retaining Ring Pliers (Internal Ring) - 7°	

RETAINING RING PLIERS SET

**Retaining Ring Pliers**

**90° Retaining Ring Pliers**  
(External Ring)

- Chrome Vanadium Steel Material
- Spring-assisted opening for external circlip
- Anti-slip, turned tips
- Comfort non-slip grip handle
- Manufacturing according to DIN 5254 Form B



ITEM NO.	SIZE (inch)	CAPACITY (Ø)	20	36
DCAA1205	5	10-25mm	10	40
DCAA1207	7	19-60mm	10	40
DCAA1209	9	40-100mm	10	40
DCAA1212	12	85-140mm	4	24

**Straight Retaining Ring Pliers**  
(External Ring)

- Chrome Vanadium Steel Material
- Spring-assisted opening for external circlip
- Anti-slip, turned tips
- Comfort non-slip grip handle
- Manufacturing according to DIN 5254 Form A



ITEM NO.	SIZE (inch)	CAPACITY (Ø)	20	36
DCAB1205	5	10-25mm	10	40
DCAB1207	7	19-60mm	10	40
DCAB1209	9	40-100mm	10	40
DCAB1212	12	85-140mm	6	36

**90° Retaining Ring Pliers**  
(Internal Ring)

- Chrome Vanadium Steel Material
- Spring-assisted opening for internal circlip
- Anti-slip, turned precision tips
- Comfort non-slip grip handle
- Manufacturing according to DIN 5256 Form D



ITEM NO.	SIZE (inch)	CAPACITY (Ø)	20	36
DCAC1205	5	12-25mm	10	40
DCAC1207	7	19-60mm	10	40
DCAC1209	9	40-100mm	10	40

**Straight Retaining Ring Pliers**  
(Internal Ring)

- Chrome Vanadium Steel Material
- Spring-assisted opening for internal circlip
- Anti-slip, turned precision tips
- Comfort non-slip grip handle
- Manufacturing according to DIN 5256 Form C



ITEM NO.	SIZE (inch)	CAPACITY (Ø)	20	36
DCAD1205	5	12-25mm	10	40
DCAD1207	7	19-60mm	10	40
DCAD1209	9	40-100mm	10	40

**90° Retaining Ring Pliers**  
(Internal Ring)

- Chrome Vanadium Steel Material
- For internal circlips
- Anti-slip, turned tips
- Comfort non-slip grip handle
- Manufacturing according to DIN 5256 Form D



ITEM NO.	SIZE (inch)	CAPACITY (Ø)	20	36
DCAC1212	12	85-140mm	4	24

**Straight Retaining Ring Pliers**  
(Internal Ring)

- Chrome Vanadium Steel Material
- For internal circlips
- Anti-slip, turned tips
- Comfort non-slip grip handle
- Manufacturing according to DIN 5256 Form C



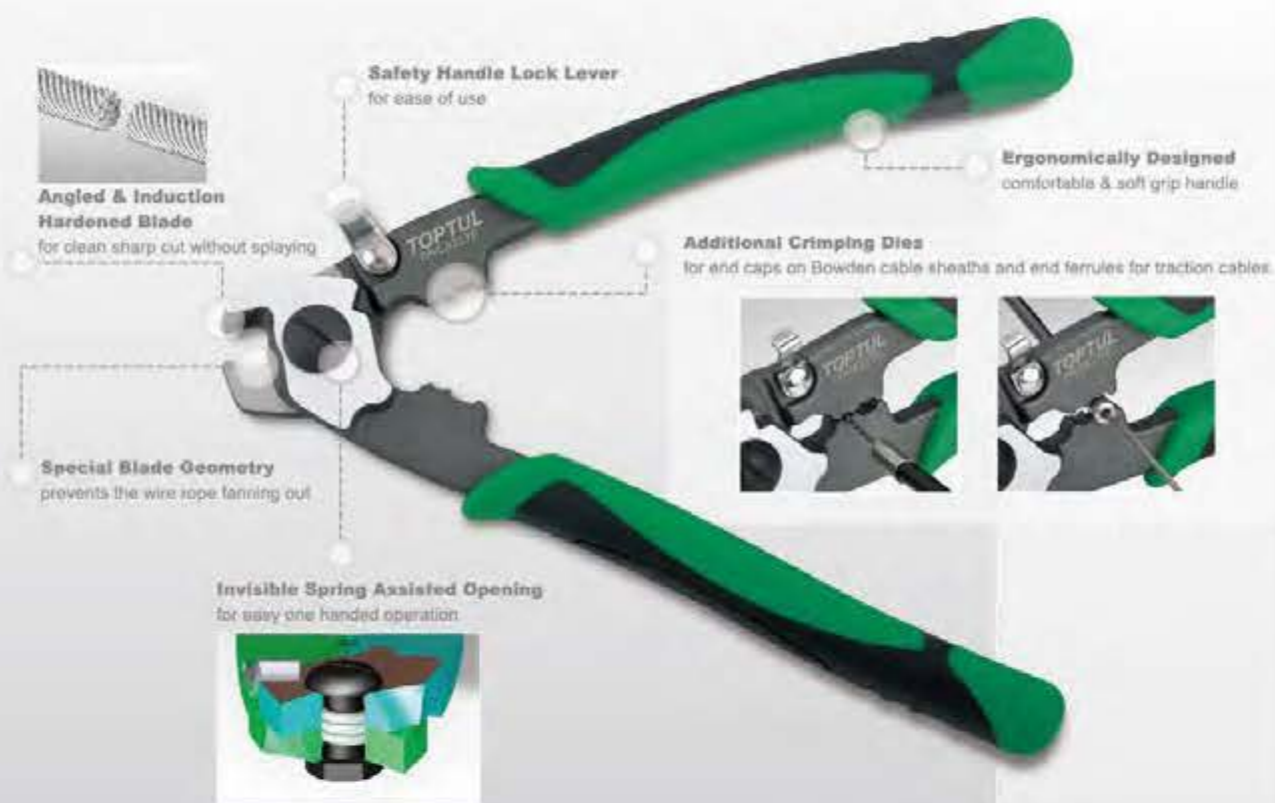
ITEM NO.	SIZE (inch)	CAPACITY (Ø)	20	36
DCAD1212	12	85-140mm	6	36



**Professional Series**

**Wire Rope Cutter**

- Chrome Molybdenum Alloy Steel
- Induction heat treated cutting edges for cutting solid materials and multi-strand cables
- Shear-cut and angled blade for clean and sharp cut
- Invisible spring loaded cutting action for easy one handed operation
- Comfortable, anti-slip TPR material plastic soft grip handle



**Professional Series Wire Rope Cutter**

ITEM NO.	SIZE (inch)	MAX. CAPACITY		10	40
		Ø (mm)	Ø (mm)		
DNCA227E	7-1/2	1.5	4.0		

**Professional Series**

**Mini Bolt Cutter**

- Made of Chrome Molybdenum Alloy Steel Material
- High-frequency hardened cutting edges for optimum cutting power and durability
- Optimum lever action requires less effort
- Spring-loaded return for quick repetitive opening
- Suitable for cutting wires, bolts, nails, rivets and etc.
- Comfortable, anti-slip TPR material plastic soft grip handle



**Professional Series Mini Bolt Cutter**



ITEM NO.	SIZE (inch)	MAX. CAPACITY			10	40
		Ø (mm)	Ø (mm)	Ø (mm)		
DPAA2208	8	5.2	4.0	3.6		







**TOPTUL** Professional Tools

**Pro-Series Double Hi-Leverage Combination Pliers**

- Premium tool steel pliers head for superior strength and durability
- Induction hardened & precision machined cutting edges
- Heat treated robust CR-MO joint rivet for smooth and consistent operation
- Double high-leverage design increases cutting power by 60%
- Spring-loaded return for quick repetitive opening
- 1/3 lighter than standard pliers reduces hand fatigue
- Safety lock keeps pliers securely closed when not in use
- Ergonomically designed TPE+TPR plastic grip handle for much improved comfort and added control



ITEM NO.	SIZE (inch)	MAX. CAPACITY		10	40
		Ø(mm)	Ø(mm)		
DBBE2208	8	3.0	2.5	10	40

**Pro-Series Double Hi-Leverage Diagonal Cutting Pliers**

- Chrome Molybdenum Alloy Steel pliers head for superior strength and durability
- Induction hardened & precision machined cutting edges
- Heat treated robust CR-MO joint rivet for smooth and consistent operation
- Double high-leverage design increases cutting power by 60%
- Spring-loaded return for quick repetitive opening
- 1/3 lighter than standard pliers reduces hand fatigue
- Safety lock keeps pliers securely closed when not in use
- Ergonomically designed TPE+TPR plastic grip handle for much improved comfort and added control



ITEM NO.	SIZE (inch)	MAX. CAPACITY		10	40
		Ø(mm)	Ø(mm)		
DEBF227E	7-1/2	3.0	2.5	10	40

**Pro-Series Double Hi-Leverage Long Nose Pliers**

- Premium tool steel pliers head for superior strength and durability
- Induction hardened & precision machined cutting edges
- Serrated and rigid jaws, ideal for forming, bending works
- Heat treated robust CR-MO joint rivet for smooth and consistent operation
- Double high-leverage design increases cutting power by 60%
- Spring-loaded return for quick repetitive opening
- 1/3 lighter than standard pliers reduces hand fatigue
- Safety lock keeps pliers securely closed when not in use
- Ergonomically designed TPE+TPR plastic grip handle for much improved comfort and added control



ITEM NO.	SIZE (inch)	MAX. CAPACITY		10	40
		Ø(mm)	Ø(mm)		
DFBE228E	8-1/2	3.0	2.5	10	40

**Combination Pliers**

- Chrome Molybdenum Steel Material
- Precision-hardened pliers head for on-the-job toughness
- High-frequency hardened cutting edges for optimum power and durability
- Ergonomic comfort-grip handle
- Manufacturing according to DIN ISO 5746



ITEM NO.	SIZE (inch)	MAX. CAPACITY		10	40
		Ø(mm)	Ø(mm)		
DBBB2206	6	3.1	2.0	10	40
DBBB2207	7	3.4	2.2	10	40
DBBB2208	8	3.6	2.5	10	40

**Heavy Duty Diagonal Cutting Pliers**

- Chrome Molybdenum Steel Material
- High-leverage design, rivet is closer to the cutting edge for optimum cutting and gripping power
- Induction hardened cutting knives for long service life
- Ergonomic comfort-grip handle
- Manufacturing according to DIN ISO 5749



ITEM NO.	SIZE (inch)	MAX. CAPACITY			10	40
		Ø(mm)	Ø(mm)	Ø(mm)		
DEBC2207	7	3.8	2.7	2.2	10	40
DEBC2208	8	4.2	3.0	2.5	10	40

**Bent Nose Pliers**

- Chrome Molybdenum Steel Material
- Bent nose with 45° slant for easy operation in complicated working space
- Serrated and rigid jaws, ideal for forming, bending and precision assembly works
- Ergonomic comfort-grip handle
- Manufacturing according to DIN ISO 5745



ITEM NO.	SIZE (inch)	MAX. CAPACITY		10	40
		Ø(mm)	Ø(mm)		
DFBA2206	6	2.5	1.6	10	40
DFBA2208	8	3.2	2.2	10	40

**Long Nose Pliers**

- Chrome Molybdenum Steel Material
- High-frequency hardened cutting edges for optimum power and durability
- Serrated and rigid jaws, ideal for forming, bending and precision assembly works
- Ergonomic comfort-grip handle
- Manufacturing according to DIN ISO 5745



ITEM NO.	SIZE (inch)	MAX. CAPACITY		10	40
		Ø(mm)	Ø(mm)		
DFBB2206	6	2.8	1.8	10	40
DFBB2208	8	3.2	2.2	10	40

**Diagonal Cutting Pliers**

- Chrome Molybdenum Steel Material
- Short jaws and beveled cutting edges permit close cutting of wire
- Hot-riveted joints ensures smooth action and no handle wobble
- Ergonomic comfort-grip handle
- Manufacturing according to DIN ISO 5749



ITEM NO.	SIZE (inch)	MAX. CAPACITY			10	40
		Ø(mm)	Ø(mm)	Ø(mm)		
DEBB2206	6	4.0	2.8	2.0	10	40

**Flat Nose Pliers**

- Chrome Molybdenum Steel Material
- High precision milling smooth jaws for extra grip and ease of handling
- Serrated and accurately machined flat jaws provide a firm grip on the objects
- Ergonomic comfort-grip handle
- Manufacturing according to DIN ISO 5745



ITEM NO.	SIZE (inch)	MAX. CAPACITY		10	40
		Ø(mm)	Ø(mm)		
DFBC2206	6			10	40

**Heavy Duty End Cutting Nippers**

- Chrome Molybdenum Steel Material
- High-leverage design provides exceptional cutting of hard and soft wire, bolts, nails, rivets and pins
- Induction hardened precision cutting edges ensures for long service life
- Ergonomic comfort-grip handle
- Manufacturing according to DIN ISO 5748



ITEM NO.	SIZE (inch)	MAX. CAPACITY			10	40
		Ø(mm)	Ø(mm)	Ø(mm)		
DJBA2206	6	3.4	2.0	1.6	10	40
DJBA2208	8	3.8	3.0	2.5	10	40

**Combination Slip-Joint Pliers (with wire cutter)**

- Made of robust Chrome Molybdenum Alloy Steel
- Slim head design for easy access
- Diamond serrated jaws for more gripping power
- High-Frequency hardened cutting edge for long working life
- Precision machined jaws for maximum gripping and turning
- Ergonomic designed, non-slip TPE+TPR plastic grip handles
- Manufacturing according to ASME B107.500



ITEM NO.	SIZE (inch)	MAX. CAPACITY		10	40
		Ø(mm)	Ø(mm)		
DHBB2208	8	2.5	1.6	10	40
DHBB2210	10	2.9	1.6	10	40

**Box-Joint Water Pump Pliers**

- Chrome Molybdenum Steel Material
- Heavy duty box-joint design, self-gripping teeth for joints, nuts and pipes
- Ergonomic comfort-grip handle
- Manufacturing according to DIN ISO 8976



ITEM NO.	SIZE (inch)	GRIP CAPACITY Ø(mm)	ADJUSTMENT	10	40



**Pliers Set**

3PCS Pliers Set



ITEM NO.	CONTENTS	8 (SET)
GAAE0302	1 DEBB2206 Diagonal Cutting Pliers - 6" 1 DBBB2207 Combination Pliers - 7" 1 DFBB2208 Long Nose Pliers - 8"	

3PCS Pliers Set



ITEM NO.	CONTENTS	8 (SET)
GAAE0303	1 DBBB2207 Combination Pliers - 7" 1 DFBB2208 Long Nose Pliers - 8" 1 DDBA2210 Box-Joint Water Pump Pliers - 10"	

3PCS Pliers Set



ITEM NO.	CONTENTS	8 (SET)
GAAE0304	1 DBBB2207 Combination Pliers - 7" 1 DEBC2207 Heavy Duty Diagonal Cutting Pliers - 7" 1 DFBB2208 Long Nose Pliers - 8"	

3PCS Pliers Set



ITEM NO.	CONTENTS	8 (SET)
GAAE0307	1 DBBB2206 Combination Pliers - 8" 1 DEBC2208 Heavy Duty Diagonal Cutting Pliers - 8" 1 DFBB2208 Long Nose Pliers - 8"	

4PCS Pliers Set



ITEM NO.	CONTENTS	8 (SET)
GAAE0402	1 DBBB2207 Combination Pliers - 7" 1 DEBC2207 Heavy Duty Diagonal Cutting Pliers - 7" 1 DFBB2208 Long Nose Pliers - 8" 1 DDBA2210 Box-Joint Water Pump Pliers - 10"	



**BASIC MODEL**

**Combination Pliers**

- Made of drop forged Chrome Molybdenum Alloy Steel
- Precision hardened pliers head for on-the-job toughness
- High-frequency hardened cutting edges for optimum power and durability
- Bi-component ergonomic comfort-grip handle
- Manufacturing according to DIN ISO 5746



ITEM NO.	SIZE (inch)	MAX. CAPACITY	8	40
		Ø (mm)	Ø (mm)	
DBBB2207B	7	3.2	2.0	10 40

**Diagonal Cutting Pliers**

- Made of drop forged Chrome Molybdenum Alloy Steel
- Short jaws and beveled cutting edges permit close cutting of wire
- Hot-rivet joint ensures smooth action and no handle wobble
- Induction-hardened cutting edges for optimum power and durability
- Bi-component ergonomic comfort-grip handle
- Manufacturing according to DIN ISO 5749



ITEM NO.	SIZE (inch)	MAX. CAPACITY	8	40
		Ø (mm)	Ø (mm)	Ø (mm)
DEBB2206B	6	3.8	2.6	1.8 10 40

**Heavy Duty Diagonal Cutting Pliers**

- Made of drop forged Chrome Molybdenum Alloy Steel
- High-leverage design, rivet is closer to the cutting edge for optimum cutting power
- Induction-hardened cutting edges for optimum power and durability
- Bi-component ergonomic comfort-grip handle
- Manufacturing according to DIN ISO 5749



ITEM NO.	SIZE (inch)	MAX. CAPACITY	8	40
		Ø (mm)	Ø (mm)	Ø (mm)
DEBC2207B	7	3.6	2.5	2.0 10 40

**Pro-Series Electronics Pliers**



**Mini Side Cutter Pliers**

- Made of heat treated, hardened 3mm thick Stainless Steel
- Precision machined jaws for maximum cutting power
- Superior access in tight applications
- Smooth spring return action jaws for quick cut and reduce the operational fatigue
- Environmentally friendly, non-slip PVC comfort grip handles
- Manufacturing according to DIN ISO 9654



ITEM NO.	SIZE (inch)	MAX. CAPACITY	8	40
		Ø (mm)		
DEBE204E	4.5	1.2	12	120

**Pro-Series Electronics Diagonal Cutting Pliers**

- Chrome Molybdenum Steel Material
- Induction hardened & precision machined cutting edges
- Spring-loaded return for quick repetitive opening
- Short Jaws and beveled cutting edges permit close cutting of wire
- Max. Cutting Capacity (Diam.): Ø1.6mm copper or similar soft wire
- Ergonomically designed TPE+TPR plastic grip handle for much improved comfort and added control
- Manufacturing according to DIN ISO 9654



ITEM NO.	SIZE (inch)	MAX. CAPACITY	8	40
		Ø (mm)		
DECD2205	5	1.6	10	40

**Pro-Series Electronics Combination Pliers**

- Chrome Molybdenum Steel Material
- Induction hardened & precision machined cutting edges
- Spring-loaded return for quick repetitive opening
- Serrated and machined flat jaw provide a firm grip on the most objects
- Max. Cutting Capacity (Diam.): Ø1.6mm copper or similar soft wire
- Ergonomically designed TPE+TPR plastic grip handle for much improved comfort and added control



ITEM NO.	SIZE (inch)	MAX. CAPACITY	8	40
		Ø (mm)		
DBCC2205	5	1.6	10	40





## Pro-Series Electronics Pliers

### Pro-Series Electronics Long Nose Pliers

- Chrome Molybdenum Steel Material
- Induction hardened & precision machined cutting edges
- Spring-loaded return for quick repetitive opening
- Serrated and rigid jaw, ideal for forming, bending and precision assembly work
- Max. Cutting Capacity (Diam.): Ø1.6mm copper or similar soft wire
- Ergonomically designed TPE+TPR plastic grip handle for much improved comfort and added control
- Manufacturing according to DIN ISO 9655



ITEM NO.	SIZE (inch)	MAX. CAPACITY Ø(mm)	14	56
DFCJ2206	6	1.6		

### Pro-Series Electronics End Cutter Pliers

- Chrome Molybdenum Steel Material
- Induction hardened & precision machined cutting edges
- Spring-loaded return for quick repetitive opening
- Sturdy cutting head design for maximum strength and suits for virtually flush cutting work
- Max. Cutting Capacity (Diam.): Ø1.6mm copper or similar soft wire
- Ergonomically designed TPE+TPR plastic grip handle for much improved comfort and added control
- Manufacturing according to ASME B107.500



ITEM NO.	SIZE (inch)	MAX. CAPACITY Ø(mm)	10	40
DJCB2205	5	1.6		

### Pro-Series Electronics Bent Nose Pliers

- High grade special tool steel material
- Precision-hardened pliers head for on-the-job toughness
- Non-Teeth design to prevent surface damage on the object
- Spring-loaded return for quick repetitive opening
- Ergonomically designed TPE+TPR plastic grip handle for much improved comfort and added control
- Manufacturing according to DIN ISO 9655



ITEM NO.	SIZE (inch)	14	56
DFCK2206	6		

### Pro-Series Electronics Flat Nose Pliers

- High grade special tool steel material
- Precision-hardened pliers head for on-the-job toughness
- Non-Teeth design to prevent surface damage on the object
- Spring-loaded return for quick repetitive opening
- Ergonomically designed TPE+TPR plastic grip handle for much improved comfort and added control
- Manufacturing according to DIN ISO 9655



ITEM NO.	SIZE (inch)	14	56
DFCC2206	6		

### Pro-Series Electronics Needle Nose Pliers

- High grade special tool steel material
- Precision-hardened pliers head for on-the-job toughness
- Non-Teeth design to prevent surface damage on the object
- Spring-loaded return for quick repetitive opening
- Ergonomically designed TPE+TPR plastic grip handle for much improved comfort and added control
- Manufacturing according to DIN ISO 9655



ITEM NO.	SIZE (inch)	14	56
DFCN2206	6		

### Pro-Series Electronics Round Nose Pliers

- High grade special tool steel material
- Professional heat treated and machined nose
- Ideal for precision gripping and bending work in the electronic and mechanical sector
- Spring-loaded return for quick repetitive opening
- Ergonomically designed TPE+TPR plastic grip handle for much improved comfort and added control
- Manufacturing according to DIN ISO 9655



ITEM NO.	SIZE (inch)	10	40
DFCL2205	5		

\* Suitable for forming and bending wire





**TOPTUL**  
Professional Tools

**Parrot Nose Locking Pliers with Sawteeth**

- High quality Chrome Molybdenum Alloy Steel
- Professional heat treated and machined
- Strong sawteeth designed jaw to clamp the screws especially on round ones
- Ideal for clamping plumbing and round-off screws removal
- Nickel plated finish



ITEM NO.	SIZE (inch)	Weight	Length
DMA1A09	9	10	90

**Claw-Grip Locking Pliers**

- High quality Chrome Molybdenum Alloy Steel
- Professional heat treated and machined
- Powerful non-slip grip for all kinds of clamping jobs
- Ideal for hard to reach areas
- Nickel plated finish



ITEM NO.	SIZE (inch)	Weight	Length
DMAE1A06	6	10	60

**Deep Throat Claw-Grip Locking Pliers**

- High quality Chrome Molybdenum Alloy Steel
- Professional heat treated and machined
- Powerful non-slip grip for all kinds of clamping jobs
- Ideal for hard to reach areas
- Nickel plated finish



ITEM NO.	SIZE (inch)	Weight	Length
DMAF1A06	6	10	60

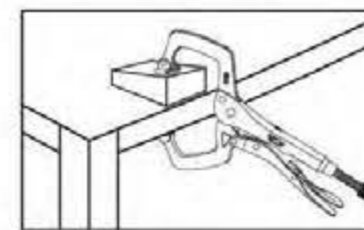
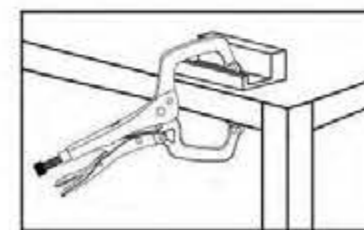


**C-Clamp Locking Pliers with Swivel Pads**

- High quality, mighty CR-MO jaw
- Robust Chrome Molybdenum Alloy Steel handle
- Professional heat treated and machined
- Wide jaws provide access to hard to reach areas
- Ideal for clamping angle iron and awkward pieces
- Also useful in metalworking and auto body repair
- Nickel plated finish



ITEM NO.	SIZE (inch)	Weight	Length
DMAA1A06	6	12	72



**C-Clamp Locking Pliers with Standard Tip**

- High quality, mighty CR-MO jaw
- Robust Chrome Molybdenum Alloy Steel handle
- Professional heat treated and machined
- Ideal for clamping angle iron and awkward pieces
- Nickel plated finish



ITEM NO.	SIZE (inch)	Weight	Length
DAAU1A06	6	12	72

**C-Clamp Locking Pliers with Standard Tip**

- High quality, mighty CR-V jaw
- Robust Chrome Molybdenum Alloy Steel handle
- Professional heat treated and machined
- Ideal for clamping angle iron and awkward pieces
- Nickel plated finish



ITEM NO.	SIZE (inch)	Weight	Length
DAAU1A11	11	5	20

**C-Clamp Locking Pliers with Swivel Pads**

- High quality, mighty CR-V jaw
- Robust Chrome Molybdenum Alloy Steel handle
- Professional heat treated and machined
- Ideal for clamping angle iron and awkward pieces
- Nickel plated finish



ITEM NO.	SIZE (inch)	Weight	Length
DMAA1A11	11	6	24
DMAA1A18	18	5	20

**Locking Chain Clamp**

- Robust Chrome Molybdenum Alloy Steel handle
- Professional heat treated and machined
- Adjustable locking pliers design chain clamp
- Nickel plated finish



ITEM NO.	CHAIN LENGTH (inch)	HANDLE (inch)	Weight	Length
DMA1A18	18	9	6	24



**Long Nose Locking Pliers with Wire Cutters**

- Mighty CR-V jaw with cutter in design
- Robust Chrome Molybdenum Alloy Steel handle
- Professional heat treated and machined
- Nickel plated finish



ITEM NO.	SIZE (inch)	Weight	Length
DAAS1A06	6	10	80
DAAS1A09	9	10	40

**Sheet Metal Locking Pliers**

- High quality Chrome Molybdenum Alloy Steel
- Professional heat treated and machined
- Suitable for all kinds of bending and crimp edges
- Nickel plated finish



ITEM NO.	SIZE (inch)	Weight	Length
DAAV1A08	8	1	30

**Welding Clamps**

- High quality Chrome Molybdenum Alloy Steel
- Professional heat treated and machined
- Nickel plated finish



ITEM NO.	SIZE (inch)	Weight	Length
DAAT1A09	9	1	24





**Curved Jaw Locking Pliers (X-Jaw Type)**

- Mighty CR-V jaw
- Robust Chrome Molybdenum Steel handle
- Special X-Jaw design and mechanism grips tighter as more torque is applied to the pliers
- Self-engaging lower jaws provides much more gripping power than traditional locking pliers
- Provided maximum torque without requiring heavy input pressure
- Professional heat treated and machined
- With adjusting screw and quick release lever
- Nickel plated finish



• Combination jaw design for gripping flat, round, square and shaped objects



• New X-Jaw, diamond shaped large jaws with cross angled teeth provides much more gripping power with no slipping or stripping

ITEM NO.	SIZE (inch)	🔧	📦
DAAY1A10	10	6	36

**Curved Jaw Locking Pliers with Wire Cutters**

- Mighty CR-MO jaw with cutter in design
- Robust Chrome Molybdenum Alloy Steel handle
- Professional heat treated and machined
- Nickel plated finish



ITEM NO.	SIZE (inch)	🔧	📦
DAAQ1A10	10	10	40

**Straight Jaw Locking Pliers**

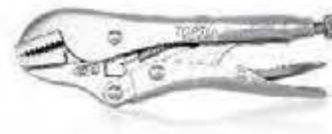
- High quality Chrome Molybdenum Alloy Steel
- Professional heat treated and machined
- With adjusting screw and quick release lever
- Nickel plated finish



ITEM NO.	SIZE (inch)	🔧	📦
DAAR1A10	10	10	40

**Straight Jaw Locking Pliers**

- High quality, mighty CR-V jaw
- Robust Chrome Molybdenum Alloy Steel handle
- Professional heat treated and machined
- With adjusting screw and quick release lever
- Nickel plated finish



ITEM NO.	SIZE (inch)	🔧	📦
DAAR1A07	7	10	40

**Curved Jaw Locking Pliers with Wire Cutters**

- Mighty CR-V jaw with cutter in design
- Robust Chrome Molybdenum Alloy Steel handle
- Professional heat treated and machined
- Nickel plated finish



ITEM NO.	SIZE (inch)	🔧	📦
DAAQ1A05	5	10	80
DAAQ1A07	7	10	40

**Curved Jaw Locking Pliers with Wire Cutter**

- Mighty CR-V jaw with cutter in design
- Robust Chrome Molybdenum Alloy Steel handle
- Professional heat treated and machined
- With adjusting screw and quick release lever
- Nickel plated finish



ITEM NO.	SIZE (inch)	🔧	📦
DAAQ2B07	7	10	40
DAAQ2B10	10	10	40

**Straight Jaw Locking Pliers**

- High quality, mighty CR-V jaw
- Robust Chrome Molybdenum Alloy Steel handle
- Professional heat treated and machined
- With adjusting screw and quick release lever
- Nickel plated finish



ITEM NO.	SIZE (inch)	🔧	📦
DAAR2B07	7	10	40
DAAR2B10	10	10	40

**Curved Jaw Locking Pliers with Wire Cutters (Easy Release Type)**

- Mighty CR-MO jaw with cutter in design
- Robust Chrome Molybdenum Alloy Steel handle
- Machined & hardened teeth are designed to grip any object tightly
- One handed, triggerless release design for quickly opening than general locking pliers
- With through-hole rotary knob to provide quickly adjustment of torque force while control release
- Ergonomic designed PP+TPR plastic grip handle for much improved comfort and added control
- Nickel plated finish
- Manufacturing according to ASME B107.500



ITEM NO.	SIZE (inch)	JAW CAPACITY (mm)	🔧	📦
DMAQ2210	10	48	10	40



**PROFESSIONAL  
HAND TOOLS**

**HAMMERS &  
STRIKING TOOLS  
SERIES**

Different types of hammers, chisels and punches for various workshop applications.





**TOPTUL**  
Hammers & Striking Tools

**Fiberglass Club Hammer**

- Head Material: High grade medium carbon steel
- Head Finish: Black baked paint finish, striking face polished
- Fiberglass core provides strength and durability in the handle
- Anti-slip bi-component PP+TPR material soft grip handle
- Manufacturing according to DIN 6475



ITEM NO.	HEAD WGT(lb)	HEAD Sq. (mm)	L (mm)	⚙️	📦
HABE2226	2.2	40	260	4	16

**Fiberglass Engineers Hammer**

- Head Material: High grade medium carbon steel
- Head Finish: Black baked paint finish, striking face polished
- Fiberglass core provides strength and durability in the handle
- Anti-slip bi-component PP+TPR material soft grip handle



ITEM NO.	HEAD WGT(g)	HEAD Sq. (mm)	L (mm)	⚙️	📦
HABA0532	500	27	320	6	36

**Engineers Hammer**



ITEM NO.	HEAD WGT(g)	HEAD Sq. (mm)	L (mm)	⚙️	📦
HAAA0330	300	23	300	5	48
HAAA0532	500	27	320	6	36
HAAA0835	800	33	350	6	24
HAAA1036	1000	36	360	4	16
HAAA1538	1500	42	380	4	12
HAAA2040	2000	47	400	4	12

**Spare Handles**

- With wedge
- Hickory handle for engineer's hammer (HAAA series)



ITEM NO.	L (mm)	APPLY TO	⚙️	📦
HLAB0130	300	HAAA0330 - 300g	10	40
HLAB0132	320	HAAA0532 - 500g	10	40
HLAB0135	350	HAAA0835 - 800g	10	40
HLAB0136	360	HAAA1036 - 1000g	5	20
HLAB0138	380	HAAA1538 - 1500g	5	20
HLAB0140	400	HAAA2040 - 2000g	5	20

**Soft Face Hammer**

- Comes with two interchangeable and replaceable soft faces hammer heads, PU (yellow) and Nylon (white) durable plastic material
- Genuine hickory wooden handle



ITEM NO.	HEAD Ø (mm)	L (mm)	PU / Nylon Material	⚙️	📦
HAAF3530	35	303	6	48	

**Spare Plastic Tip for Mallets**



ITEM NO.	SIZE	MATERIAL	⚙️	📦
HLAA3501	Ø35mm	PU	40	240
HLAA3502	Ø35mm	Nylon	40	240

**Professional Grade One Piece Solid Forged Steel Claw Hammer**

- Heavy duty, hardened and tempered solid forged one piece quality steel construction
- Anti-shock, shock absorbing grip to reduce vibrations when striking
- Nail pulling claw



ITEM NO.	HEAD WGT(oz)	HEAD Ø (mm)	L (mm)	⚙️	📦
HABD2034	20	30	335	4	24

**Claw Hammer**



ITEM NO.	HEAD WGT(oz)	HEAD Ø (mm)	L (mm)	⚙️	📦
HAAD1633	16	29.5	330	6	36

**Ball Peen Hammer**

- Drop forged, heat treat steel head
- Highly useful in metal fabrication and metal working



ITEM NO.	HEAD WGT(oz)	HEAD Ø (mm)	L (mm)	⚙️	📦
HAAC0830	8	23.5	300	12	48
HAAC1635	16	30.5	350	6	36
HAAC2440	24	35.5	395	4	24
HAAC3240	32	39	400	4	24
HAAC4042	40	43	416	4	12

**Rubber Mallet**

- Solid rubber head
- Round striking surfaces
- Genuine hickory wooden handle
- General purpose non-marring mallets for sheet metal fabrication, automotive repair and maintenance, construction applications and etc.



ITEM NO.	HEAD WGT(oz)	HEAD Ø (mm)	L (mm)	⚙️	📦
HABF1232	12	57	303	8	48
HABF1633	16	64	343	6	36
HABF2439	24	71	343	6	24
HABF3239	32	77	343	8	24

**Club Hammer**

- Fully hardened tempered steel head for long life
- Genuine hickory wooden handled club hammers with polished surfaces



ITEM NO.	HEAD WGT(lb)	HEAD Ø (mm)	L (mm)	⚙️	📦
HAAE2527	2.5	37	270	6	18

**Dead Blow Hammer**

- Steel-ball dead blow design
- Dead blow eliminates rebound, delivers more power
- Suitable for careful driving of bearings, cases, sleeves, sealing rings and etc.



ITEM NO.	HEAD WGT(lb/oz)	HEAD Ø (mm)	L (mm)	⚙️	📦
HAAB1038	1 (16)	38	290	5	30
HAAB1546	1.5 (24)	46	310	6	24
HAAB2050	2 (32)	50	340	6	24

**Heavy Duty Automatic Adjustable Center Punch**

- Replaceable pin made of high tensile S2 tool steel material
- Active spring-driven action and hard steel awl tip makes punching easier
- Impact strength of punching is adjustable by turning the handle to suit various metal applications
- Easy and quick marking by one hand without using assistance tools
- Ergonomic soft grip handle provides a secure grip
- Punching force: Min. 60 newtons / 13.5 lbs  
Max. 140 newtons / 31.5 lbs



ITEM NO.	L (mm)	⚙️	📦
HBBF0155	155	20	120

**Tubular Steel Bricklayer's Hammer**

- Head Material: High grade medium carbon steel
- Head Finish: Black baked paint finish, striking face polished
- Handle: Chrome-plated hardened tubular steel handle with comfortable shock absorbing plastic soft grip



ITEM NO.	HEAD WGT(oz)	HEAD Sq. (mm)	L (mm)	⚙️	📦
HAAG2028	20	26.5	282	6	24



Ideal for marking the center of a hole when drilling holes



Turning the cap for adjusting the impact force of punching

**Auto Center Punch**

- Made of abrasion-resistant S2 steel
- Strength of punching adjustable by turning handle to suit various metal application
- Quick marking by one hand without using assist tools



ITEM NO.	L (mm)	⚙️	📦
HBAF0130	130	20	200



Press down on handle until it clicks





**5PCS**  
Chisel Punch Set



ITEM NO.	CONTENTS	(SET)
GAAV0501	<ul style="list-style-type: none"> <li>Pin Punch : 4x10x150 mm</li> <li>Cape Chisel : 5x10x130 mm</li> <li>Cold Chisel : 12x10x130 mm</li> <li>Taper Punch : 3x10x120 mm</li> <li>Center Punch : #2x10x120 mm</li> </ul>	10

**9PCS**

**Number Punch Set**  
 • Chrome Vanadium Steel Material  
 • Hardened handle and tempered striking head  
 • Set of 9 punches with numbers from 0 to 9 (Invert number 6 to be number 9)  
 • Packed in a sturdy plastic case



ITEM NO.	NUMBER	HEIGHT (mm) / (inch)	SQUARE (mm)	LENGTH (mm)	(SET)
NGAW0903	3	1/8	6.35	60	120
NGAW0904	4	5/32	6.35	59.5	120
NGAW0905	5	3/16	7.93	61	80
NGAW0906	8	1/4	9.52	67	60
NGAW0908	8	5/16	12.7	71	30

**6PCS**  
Pin Punch Set



• Chrome Molybdenum Steel Material  
 • Professional heat treatment for optimum toughness and durability  
 • Roll pin tips are ideal tools for removing hollow, split roll pins  
 • Chrome plated finish for maximum corrosion protection

ITEM NO.	CONTENTS	(SET)
GAAV0601	<ul style="list-style-type: none"> <li>Pin Punch : 2x8x115, 3x8x125, 4x10x150, 5x10x165, 6x12x180, 8x12x180 mm</li> </ul>	10

**27PCS**

**Letter Punch Set**  
 • Chrome Vanadium Steel Material  
 • Hardened handle and tempered striking head  
 • Set of 27 punches with letter from A to Z and extra "&" (ampersand)  
 • Packed in a sturdy plastic case



ITEM NO.	LETTER	HEIGHT (mm) / (inch)	SQUARE (mm)	LENGTH (mm)	(SET)
NGAW2703	3	1/8	6.35	60	50
NGAW2704	4	5/32	6.35	59.5	50
NGAW2705	5	3/16	7.93	61	30
NGAW2706	6	1/4	9.52	67	20
NGAW2708	8	5/16	12.7	71	10



**Pin Punch**

(SNCM+V)



ITEM NO.	SIZE (mm)	L (mm)	OCTAGONAL SHANK(mm)	(SET)
HBAA0212	2	120	8	15 240
HBAA0313	3	130	8	15 240
HBAA0415	4	150	9.5	15 240
HBAA0516	5	160	9.5	10 120
HBAA0618	6	180	12.5	10 120
HBAA0820	8	200	12.5	10 120

**Taper Punch**

(SNCM+V)



ITEM NO.	SIZE (mm)	L (mm)	OCTAGONAL SHANK(mm)	(SET)
HBAB0211	2	110	9.5	20 320
HBAB0312	3	120	9.5	20 320
HBAB0414	4	140	9.5	15 240
HBAB0515	5	150	9.5	15 360
HBAB0616	6	160	9.5	15 360

**Center Punch**

(SNCM+V)



ITEM NO.	SIZE (mm)	L (mm)	OCTAGONAL SHANK(mm)	(SET)
HBAC0310	3	100	8	15 240
HBAC0412	4	120	9.5	15 240
HBAC0513	5	130	9.5	15 240
HBAC0614	6	140	12.5	10 120
HBAC0816	8	160	16	10 120

**Flat Chisel**

(SNCM+V)



ITEM NO.	SIZE (mm)	L (mm)	OCTAGONAL SHANK(mm)	(SET)
HCAB1014	10	140	8	10 160
HCAB1215	12	150	9.5	10 160
HCAB1516	15	160	12.5	5 60
HCAB1918	19	180	16	5 60
HCAB2220	22	200	16	5 40
HCAB2522	25	220	19	5 40

**5PCS Flat Chisel Set**

(SNCM+V)



ITEM NO.	CONTENTS	(SET)
GPAQ0505	<ul style="list-style-type: none"> <li>HCAB1014-2220 Flat Chisel 10x140, 12x150, 15x160, 19x180, 22x200 mm</li> </ul>	20

**10PCS Punch Set**



ITEM NO.	CONTENTS	(SET)
GPAQ1001	<ul style="list-style-type: none"> <li>HBAA0313-0618 Pin Punch 3x130, 4x150, 5x160, 6x180 mm</li> <li>HBAB0312-0616 Taper Punch 3x120, 6x160 mm</li> <li>HBAC0310-0614 Center Punch 3x100, 4x120, 5x130, 6x140 mm</li> </ul>	20



// Soft Grip Pin Punch

CR-MO



ITEM NO.	SIZE (mm)	L (mm)	OCTAGONAL SHANK(mm)	PCB	CR-MO
HBA0214	2	140	8	5	80
HBA0315	3	150	8	5	80
HBA0418	4	180	10	5	80
HBA0520	5	200	10	5	40
HBA0621	6	210	12	5	40
HBA0822	8	220	12	5	40

// Soft Grip Taper Punch

CR-MO



ITEM NO.	SIZE (mm)	L (mm)	OCTAGONAL SHANK(mm)	PCB	CR-MO
HBB0219	2	185	10	5	80
HBB0319	3	185	10	5	80
HBB0419	4	185	10	5	80
HBB0519	5	185	10	5	80
HBB0619	6	185	10	5	80
HBB0819	8	185	12	5	80

// Soft Grip Center Punch

CR-MO



ITEM NO.	SIZE (mm)	L (mm)	OCTAGONAL SHANK(mm)	PCB	CR-MO
HBBC0419	4	185	10	5	80
HBBC0619	6	185	10	5	80

// Soft Grip Cape Chisel

CR-MO



ITEM NO.	SIZE (mm)	L (mm)	OCTAGONAL SHANK(mm)	PCB	CR-MO
HCBC0517	5	170	10	5	80
HCBC0718	7	180	12	5	40

// Soft Grip Flat Chisel

CR-MO



ITEM NO.	SIZE (mm)	L (mm)	OCTAGONAL SHANK(mm)	PCB	CR-MO
HCBB1015	10	150	8	5	80
HCBB1518	15	180	10	5	80
HCBB1920	19	200	12	5	40
HCBB2522	25	220	15.8	3	24

// 2PCS

Ribbed Flat Chisels & Handle Set



ITEM NO.	CONTENTS	PCB	CR-MO
GAAE0201	1 HCAA2925 Ribbed Flat Chisels - 29x250 mm 1 COAK1612 Ribbed Flat Chisels Handle 78x118x16 mm	10 (SET)	

// 2PCS

Ribbed Flat Chisels & Handle Set



ITEM NO.	CONTENTS	PCB	CR-MO
GAAE0202	1 HCAA3430 Ribbed Flat Chisels - 34x300 mm 1 COAK1812 Ribbed Flat Chisels Handle 78x118x17.5 mm	10 (SET)	

// Ribbed Flat Chisels Handle



ITEM NO.	SIZE (W)x(L)mm	PCB	CR-MO
COAK1612	78 x 118 (For HCAA2925 - 250 mmL)	5	80
COAK1812	78 x 118 (For HCAA3430 - 300 mmL)	5	80

// Ribbed Flat Chisels

CR-MO



\* Chrome Molybdenum Steel Material

ITEM NO.	SIZE (W)x(L)mm	PCB	CR-MO
HCAA1613	16 x 125	15	240
HCAA2115	21 x 150	10	120
HCAA2620	26 x 200	10	60
HCAA2925	29 x 250	5	40
HCAA3430	34 x 300	5	30

**NEW**  
STRIKING TOOLS  
WITH COMFORTABLE  
ANTI-ROLL SHEATH



// 5PCS

Ribbed Flat Chisel Set



ITEM NO.	CONTENTS	PCB	CR-MO
GPAQ0504	1 HCAA1613-3430 Ribbed Flat Chisels 16x125, 21x150, 26x200, 29x250, 34x300 mm	10 (SET)	

PROFESSIONAL  
HAND TOOLS



300

TOOL STORAGE &  
DISPLAY  
SERIES

Choices of tool storage system build up individual favorite working stations.



TOOL STORAGE & DISPLAY



**SPECIFICATION**

Short Description	Unit	BUMPER	PRO-PLUS	NEW PRO-LINE	PRO-LINE	GENERAL	BASIC
External dimensions	mm						
Internal dimensions of the drawers	mm						
Number of drawers		7	7	8	7	7	7
One drawer at a time							
Height of drawers	mm	5 drawer x 75 2 drawer x 155	5 drawer x 75 2 drawer x 155	7 drawer x 75 1 drawer x 155	5 drawer x 75 2 drawer x 155	5 drawer x 75 2 drawer x 155	5 drawer x 75 2 drawer x 155
Drawer capacity	kg	40	45	45	45	45	30
Static load capacity	kg	540	680	680	680	480	200

**SYMBOL**


**SPECIFICATION**

Short Description	Unit	PRO-PLUS	PRO-LINE	GENERAL
External dimensions	mm			
Internal dimensions of the drawers	mm			
Number of drawers		4	3	3
One drawer at a time				
Height of drawers	mm	4 drawer x 75	3 drawer x 75	3 drawer x 75
Drawer capacity	kg	45	45	45
Static load capacity	kg	680	680	680

**SYMBOL**




**BUMPER SERIES**

**NEW**

**7-Drawer Mobile Tool Trolley**

- 5 medium & 2 large drawers with central locking system
- Smooth ball bearing slide drawers with auto-return function
- 100% fully opening and retractable drawers
- Safety lock allows only one drawer is opened at a time (preventing the cabinet to tip over)
- Loading capacity per drawer 40 kg
- Static load capacity 540 kg
- Soft bumper edge protection on all four corners help avoid damage to vehicle
- High performance ABS material top work table



- New style composite drawer handle
- Strong side handle
- Smart foldable key
- Electro-powder coating to resist scratches & solvent markings
- Standard 5" x 2" PP casters with lock (2 fixed casters & 2 swivel casters with lock)
- Supplied with drawer liners and one spray can holder



**BUMPER SERIES GREEN**  
Trolley Part No. TCAP0701



**BUMPER SERIES BLACK**  
Trolley Part No. TCAP0707

**7-Drawer Mobile Tool Trolley**

ITEM NO.	SIZE(W)x(D)x(H)mm
TCAP0701	Overall: 731x522x869
TCAP0707	Overall w/caster: 731x522x1029 5 Drawer: 578x378x75 2 Drawer: 578x378x155



Smart foldable key



Impact protection (soft bumpers)



Compatible with all TOPTUL drawer insert tool sets



Working platform in ABS, with 3 compartments for small parts

**BUMPER SERIES**

**NEW**

**PRO-PLUS SERIES**

**Mobile Workbench**

**PRO-PLUS SERIES GRAY**

- 5 medium & 2 large drawers with side locking system
- Smooth ball bearing slide drawers with auto-return function
- 100% fully opening and retractable drawers
- Safety lock allows only one drawer is opened at a time (preventing the cabinet to tip over)
- Loading capacity per drawer 45 kg
- Static load capacity 680 kg
- Rounded edge & recessed-frame sidewall body construction
- Open compartment for storing bulky items and large trays



- New style composite drawer handle
- Smart foldable key
- 12mm heavy duty rigid working table
- Heavy duty 5" x 2" anti-slip & shockproof TPR casters with lock (2 fixed casters and 2 swivel casters with lock)
- Electro-powder coating to resist scratches and solvent markings
- Supplied with drawer liners



Large arc-shaped side handle



Side locking system w/Smart foldable key



12mm PVC material top mat



Rounded edge & recessed-frame sidewall body construction



Heavy duty 5" x 2" anti-slip & shockproof TPR casters with lock

**Mobile Workbench**

ITEM NO.	SIZE(W)x(D)x(H)mm
TCBH0703	Overall: 1122x462x805 Overall w/caster: 1122x462x978 5 Drawer: 578x378x75 2 Drawer: 578x378x155



# 7 DRAWER TOOL TROLLEY

## PRO-PLUS SERIES

**PRO-PLUS SERIES TOOL TROLLEY**

- 5 medium & 2 large drawers with side locking system
- Smooth ball bearing slide drawers with auto-return function
- 100% fully opening and retractable drawers
- Safety lock allows only one drawer is opened at a time (preventing the cabinet to tip over)
- Loading capacity per drawer 45 kg
- Static load capacity 680 kg
- Rounded edge & recessed-frame sidewall body construction
- New style composite drawer handle
- Large arc-shaped side handle

- Smart foldable key
- 10mm EVA material top mat
- Heavy duty 5" x 2" anti-slip & shockproof TPR casters with lock (2 fixed casters and 2 swivel casters with lock)
- Electro-powder coating to resist scratches and solvent markings
- Supplied with drawer liners and one spray can holder



Side locking system W/Smart foldable key



Large arc-shaped side handle



Compatible with all TOPTUL drawer insert tool sets



Rounded edge & recessed-frame sidewall body construction



Heavy duty 5" x 2" anti-slip & shockproof TPR casters with lock



Sturdy back wall design W/Original manufacturer logo engraving marking

### W/7-Drawer Tool Trolley

FLAT FINISHED

### W/7-Drawer Tool Trolley

MATTE FINISHED

**PRO-PLUS SERIES GREEN** FLAT FINISHED

<b>ITEM NO.</b>	SIZE(W)x(D)x(H)mm
TCAM0701	Overall: 746x462x805 Overall w/caster: 746x462x978 5 Drawer: 578x378x75 2 Drawer: 578x378x155



**PRO-PLUS SERIES GRAY**

FLAT FINISHED Trolley Part No. TCAM0703

**PRO-PLUS SERIES RED**

FLAT FINISHED Trolley Part No. TCAM0702

**NEW MODEL** FLAT FINISHED



**PRO-PLUS SERIES GRAY**

MATTE FINISHED Trolley Part No. TCAL0703

**PRO-PLUS SERIES BLUE** MATTE FINISHED

<b>ITEM NO.</b>	SIZE(W)x(D)x(H)mm
TCAL0704	Overall: 746x462x805 Overall w/caster: 746x462x978 5 Drawer: 578x378x75 2 Drawer: 578x378x155



**PRO-PLUS SERIES**

**8-Drawer Mobile Tool Trolley**  
PRO-PLUS SERIES GRAY



- 7 medium & 1 large drawer with side locking system
- Smooth ball bearing slide drawers with auto-return function
- 100% fully opening and retractable drawers
- Safety lock allows only one drawer is opened at a time (preventing the cabinet to tip over)
- Loading capacity per drawer 45 kg
- Static load capacity 680 kg
- Rounded edge & recessed-frame sidewall body construction
- New style composite drawer handle
- Large arc-shaped side handle
- Smart foldable key
- 10mm EVA material top mat
- Heavy duty 5" x 2" anti-slip & shockproof TPR casters with lock (2 fixed casters and 2 swivel casters with lock)
- Electro-powder coating to resist scratches and solvent markings
- Supplied with drawer liners and one spray can holder

**ITEM NO.** SIZE(W)x(D)x(H)mm  
**TCBL0803** Overall: 746x462x805  
 Overall w/caster: 746x462x978  
 7 Drawer: 578x378x75  
 1 Drawer: 578x378x155

**4-Drawer Tool Chest**  
PRO-PLUS SERIES GRAY



- 4 medium drawers with side locking system
- Smooth ball bearing slide drawers with auto-return function
- 100% fully opening and retractable drawers
- Safety lock allows only one drawer is opened at a time (preventing the cabinet to tip over)
- Loading capacity per drawer 45 kg
- Static load capacity 680 kg
- Rounded edge & recessed-frame sidewall body construction
- New style composite drawer handle
- Smart foldable key
- 10mm EVA material top mat
- Electro-powder coating to resist scratches and solvent markings
- Supplied with drawer liners

**ITEM NO.** SIZE(W)x(D)x(H)mm  
**TBAL0403** Overall: 746x462x425  
 4 Drawer: 578x378x75



Rounded edge & recessed-frame sidewall body construction



Side locking system W/Smart foldable key



Compatible with all TOPTUL drawer insert tool sets

**NEW PRO-LINE SERIES**

**7-Drawer Mobile Tool Trolley (Jumbo Model)**  
NEW PRO-LINE SERIES GRAY



- 5 medium & 2 large drawers with central locking system
- Smooth ball bearing slide drawers with auto-return function
- 100% fully opening and retractable drawers
- Safety lock allows only one drawer is opened at a time (preventing the cabinet to tip over)
- Loading capacity per drawer 45 kg
- Static load capacity 680 kg
- Rounded edge & recessed-frame sidewall body construction
- Strong side handle

- New style composite drawer handle
- Smart foldable key
- 12mm PVC material top mat
- Electro-powder coating to resist scratches & solvent markings
- Heavy duty 5" x 2" anti-slip & shockproof TPR casters with lock (2 fixed casters & 2 swivel casters with lock)
- Supplied with drawer liners and one spray can holder



12mm PVC material top mat



Smart foldable key



Rounded edge & recessed-frame sidewall body construction



Bottle holder design also fits the hole system, directly hanging on the sidewall of trolley without screws. For storing, cleaning products, sprays and etc.



Heavy duty 5" x 2" anti-slip & shockproof TPR casters with lock

**7-Drawer Mobile Tool Trolley - Jumbo Model**

**ITEM NO.** SIZE(W)x(D)x(H)mm  
**TCBK0703** Overall: 930x459x831  
 Overall w/caster: 930x459x1004  
 5 Drawer: 773x377x75  
 2 Drawer: 773x377x155



**ACCESSORIES**

FOR PRO-PLUS SERIES & NEW PRO-LINE SERIES ONLY



Shelf is hinged to bracket to become Work-Table



T-Handle Wrench Holder Design fits the Hole System, directly hanging on the sidewall of trolley without screws



Install a Paper Roll Holder, easy to unroll the papers between pulls



Bottle Holder Design, also fits the Hole System, directly hanging on the sidewall of trolley without screws. For storing, cleaning products, sprays and etc.

**Folding Shelf**



ITEM NO. SIZE(W)x(D)x(H)mm  
TAAE4034 400x340x174

**Paper Roll Holder**



ITEM NO. SIZE(W)x(D)x(H)mm  
TEAL3701 374x238x100

**Can Holder**



ITEM NO. SIZE(W)x(D)x(H)mm  
TEAI3401 340x90x90

**T-Handle Wrench Holder (2 In One Set)**



ITEM NO. SIZE(W)x(D)x(H)mm  
TEAM0701 70x100x60

**FOR PRO-PLUS SERIES & NEW PRO-LINE SERIES ONLY**

TOPTUL tool trolley system offers an assortment of accessories. Easy to install the various drawer divider, holders or shelves in the tool chests or trolleys in order to satisfy different user's needs.

**PRO-LINE SERIES**

**7-Drawer Mobile Tool Trolley**

- 5 medium & 2 large drawers
- High-performance ABS material top work table
- Smooth ball bearing slide drawers with auto-return function
- 100% fully opening and retractable drawers
- Only one drawer is opened at a time
- Loading capacity per drawer 45 kg
- Static load capacity 680 kg
- Smart foldable key
- New style plastic drawer handle
- Electro-powder coating to resist scratches & solvent markings
- Heavy duty 5" x 2" anti-slip & shockproof TPR casters with lock (2 fixed casters & 2 swivel casters with lock)



PRO-LINE SERIES GREEN  
Trolley Part No. TCAC0701



PRO-LINE SERIES RED  
Trolley Part No. TCAC0702



Smart foldable key



New-style plastic drawer handle



Heavy duty 5" x 2" anti-slip & shockproof TPR casters with lock

ITEM NO.	SIZE(W)x(D)x(H)mm
TCAC0701	Overall: 687x459x857
TCAC0702	Overall w/caster: 687x459x1015 5 Drawer: 578x378x75 2 Drawer: 578x378x155

**3-Drawer Middle Tool Chest**



PRO-LINE SERIES GREEN  
Chest Part No. TBAD0301



PRO-LINE SERIES RED  
Chest Part No. TBAD0302

ITEM NO.	SIZE(W)x(D)x(H)mm
TBAD0301	Overall: 687x459x360
TBAD0302	3 Drawer: 578x378x75

**PRO-LINE SERIES**



# ACCESSORIES

FOR PRO-LINE & GENERAL TROLLEY SERIES ONLY

TOPTUL tool trolley system offers an assortment of accessories. Easy to install the various drawer divider, holders or shelves in the tool chests or trolleys in order to satisfy different user's needs.

## Steel Drawer Divider for Tool Chest / Trolley



ITEM NO.	SIZE(W)x(H)mm
TEAG0901	TEAF5762 Divider Size: 578x50
	TEAF3758 Divider Size: 370x50
	TEAF1950 Divider Size: 193x50

## Paper Roll Holder



ITEM NO.	SIZE(W)x(D)x(H)mm
TEAL3703	375x220x100
TEAL3704	

## Can Holder



ITEM NO.	SIZE(W)x(D)x(H)mm
TEAI430103	430x100x90
TEAI430101	

## Screwdrivers Holder



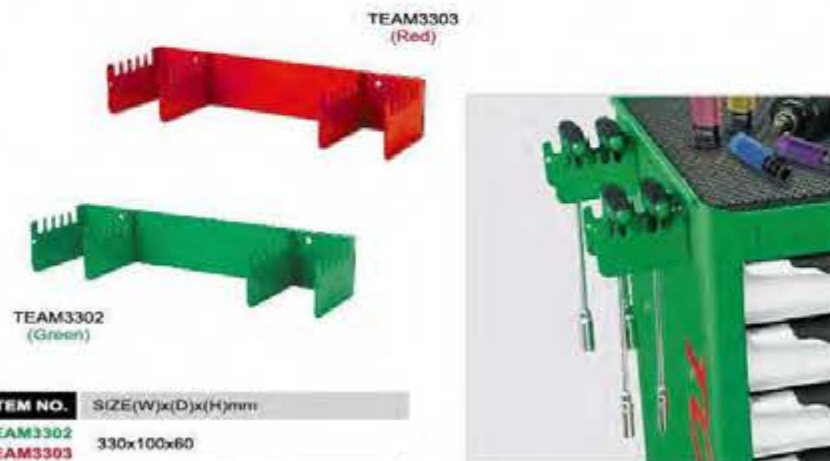
ITEM NO.	SIZE(W)x(D)x(H)mm
TEAR3301	330x40x70
TEAR3302	

## Folding Shelf



ITEM NO.	SIZE(W)x(D)x(H)mm
TAAE444501	440x445x175
TAAE444502	

## T-Handle Wrench Holder



ITEM NO.	SIZE(W)x(D)x(H)mm
TEAM3302	330x100x60
TEAM3303	

## Magnetic Nameplate



Attach the magnetic nameplate onto the cabinets or trolleys. The nameplate can be used to indicate the contents of tools inside each drawer or the owner of the equipment.

ITEM NO.	SIZE(W)x(H)mm	QTY
TEAT0805	80x50	30

## Magnetic Tool Rack

- Made of durable SPCC steel plate
- 4 powerful magnets, lifting capacity up to 5 kg
- Special design to hold air impact wrench, wheel nut socket, torque wrench and ratchet handle
- Keep the rack with tools attached to tool chest, trolley and etc.
- Ideal for use in mechanic workshops



ITEM NO.	SIZE(W)x(D)x(H)mm
TEAY1201	115x100x392

# BACK PANEL SERIES

FOR PRO-LINE & GENERAL TROLLEY SERIES ONLY

## Back Panel

- Adjustable Back Panel
- To install the back panel on the top of trolley for hanging the tools
- Per back panel includes 10 pcs single hook - 2"(L)



ITEM NO.	SIZE(W)x(H)mm
TEAS6501	645x500
TEAS6502	

## Single Hook (For Wall Cabinet & Panel)



ITEM NO.	SIZE(inch)	QTY
TEAA0202	2	20
TEAA0303	3	20

## Double Hook (For Wall Cabinet & Panel)



ITEM NO.	SIZE(inch)	QTY
TEAB0303	3	20
TEAB0404	4	20

## U-Hook (For Wall Cabinet & Panel)



ITEM NO.	SIZE(inch)	QTY
TEAC0103	3	20



**BASIC SERIES**

**7-Drawer Mobile Tool Trolley**  
BASIC SERIES GREEN



**BASIC SERIES TOOL TROLLEY**

- 5 medium & 2 large drawers
- Smooth ball bearing slide drawers
- 100% fully opening and retractable drawers
- Loading capacity per drawer 30 kg
- Static load capacity 200 kg
- 9mm EVA material top mat
- Electro-powder coating to resist scratches & solvent markings
- Standard 5" x 1-1/4" PP casters with lock (2 fixed casters & 2 swivel casters with lock)
- Supplied with drawer liners

7-Drawer Mobile Tool Trolley

ITEM NO.	SIZE (W)x(D)x(H)mm
TCAN0701	Overall: 681x459x823 Overall w/caster: 681x459x963 5 Drawer: 578x378x75 2 Drawer: 578x378x155



**GENERAL SERIES**

**3-Drawer Middle Tool Chest**



GENERAL SERIES GREEN  
Chest Part No. TBAA0304

ITEM NO.	SIZE (W)x(D)x(H)mm
TBAA0304	Overall: 687x459x360
TBAA0305	3 Drawer: 578x378x75

GENERAL SERIES RED  
Chest Part No. TBAA0305

**7-Drawer Mobile Tool Trolley**



**GENERAL SERIES GREEN**

Trolley Part No. TCAA0701

**GENERAL SERIES RED**

Trolley Part No. TCAA0702



**GENERAL SERIES TOOL TROLLEY**

- 5 medium & 2 large drawers
- Smooth ball bearing slide drawers with auto-return function
- 100% fully opening and retractable drawers
- Loading capacity per drawer 45 kg
- Static load capacity 480 kg
- Supplied with drawer liners and one spray can holder
- 10mm EVA material top mat
- Electro-powder coating to resist scratches & solvent markings
- Standard 5" x 2" PP casters with lock (2 fixed casters & 2 swivel casters with lock)

ITEM NO.	SIZE (W)x(D)x(H)mm
TCAA0701	Overall: 687x459x857
TCAA0702	Overall w/caster: 687x459x995 5 Drawer: 578x378x75 2 Drawer: 578x378x155

**GENERAL SERIES**

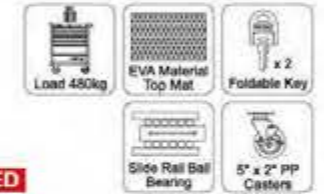
**5-Drawer Mobile Tool Trolley**

- Loading capacity per drawer 45 kg
- Static load capacity 480 kg



Trolley Part No. TCAA0501  
GENERAL SERIES GREEN

Trolley Part No. TCAA0502  
GENERAL SERIES RED



ITEM NO.	SIZE (W)x(D)x(H)mm
TCAA0501	Overall: 687x459x722
TCAA0502	Overall w/caster: 687x459x840 3 Drawer: 578x378x75 2 Drawer: 578x378x155

**5-Drawer Mobile Tool Trolley**

- Loading capacity per drawer 45 kg
- Static load capacity 480 kg



ITEM NO.	SIZE (W)x(D)x(H)mm
TCAP0501	Overall: 687x459x857 Overall w/caster: 687x459x995 4 Drawer: 578x378x75 1 Drawer: 578x378x155 Panel Area: 609x417x240

**Small 5-Drawer Mobile Tool Trolley**

- Loading capacity per drawer 30 kg
- Static load capacity 180 kg



ITEM NO.	SIZE (W)x(D)x(H)mm
TCAB0501	Overall: 569x340x661 Overall w/caster: 569x340x769 3 Drawer: 478x294x75 2 Drawer: 478x294x155

**2-Drawer Service Cart**

- 1 medium & 1 large drawers with central locking system
- Smooth ball bearing slide drawers with auto-return function
- 100% fully opening and retractable drawers
- Loading capacity per drawer 40 kg
- Shelf load capacity 50 kg
- Static load capacity 200 kg
- 10mm EVA material top mat
- Strong side handle
- Front centralized safety locking system supplied with two keys
- Electro-powder coating to resist scratches & solvent markings
- Standard 5" x 1-1/4" PPR casters with lock (2 fixed casters & 2 swivel casters with lock)
- Supplied with drawer liners and one spray can holder



ITEM NO.	SIZE (W)x(D)x(H)mm
TCAD0205	Overall: 695x460x770 Overall w/caster: 695x460x925 1 Drawer (Medium): 576x380x74 1 Drawer (Large): 576x380x153



Special screwdriver / pliers holder design for quick access while working



T-Handle wrench holder design fits the hole system, directly hanging on the sidewall of service cart without screws



Compatible with all TOPTUL drawer insert tool sets

**1-Drawer Service Cart**

- Loading capacity per drawer 35 kg
- Static load capacity 160 kg



ITEM NO.	SIZE (W)x(D)x(H)mm
TCAD0101	Overall: 700x470x835 1 Drawer: 578x378x75



**GENERAL SERIES**

**8-Drawer Jumbo Roller Cabinet**

- Loading capacity per drawer 45 kg
- Static load capacity 680 kg

**JUMBO 50% MORE SPACE**



**ITEM NO.** TCBA0801  
**SIZE(W)x(D)x(H)mm**  
Overall: 862x498x857  
Overall w/caster: 862x498x996  
7 Drawer: 751x438x75  
1 Drawer: 751x438x155



**13-Drawer Heavy Duty Mobile Work Station**

- Loading capacity per drawer 45 kg
- Static load capacity 800 kg



**ITEM NO.** TCBA1301  
**SIZE(W)x(D)x(H)mm**  
Overall: 1067x480x852  
Overall w/caster: 1067x480x1011  
1 Drawer: 935x398x120  
5 Drawer: 569x398x75  
1 Drawer: 569x398x155  
5 Drawer: 308x398x75  
1 Drawer: 308x398x155

**8-Drawer Heavy Duty Tool Chest**

- Loading capacity per drawer 45 kg
- Static load capacity 800 kg
- Double wall construction
- Full extension drawer load
- Heavy duty ball bearing slides
- Gas struts assisted opening lid



Gas struts assisted opening lid



**ITEM NO.** TBAA0801  
**SIZE(W)x(D)x(H)mm**  
Overall: 1052x471x523  
4 Drawer: 569x398x75  
4 Drawer: 308x398x75

**TOOL CHEST**

**6-Drawer Mobile Tool Chest**

- 3 small, 2 medium & 1 large drawer suitable for a variety of storage requirements



**ITEM NO.** TBAA0601  
**SIZE(W)x(D)x(H)mm**  
Overall: 660x307x378  
3 Drawer: 169x272x50  
2 Drawer: 569x272x50  
1 Drawer: 569x272x75

**9-Drawer Mobile Tool Chest**

- 6 small, 2 medium & 1 large drawer, suitable for a variety of storage requirements
- Smooth ball bearing slide drawers with auto-return function
- Include one portable tool tray & drawer liners



**ITEM NO.** TBAA0901  
**SIZE(W)x(D)x(H)mm**  
Overall: 660x307x434  
6 Drawer: 169x272x50  
2 Drawer: 569x272x50  
1 Drawer: 569x272x75

**3-Drawer Tool Chest**



**ITEM NO.** TBAA0303  
**SIZE(W)x(D)x(H)mm**  
508x232x302

**2-Sections Portable Tool Chest**

- Electro-Powder Coating to resist scratches & solvent markings
- 3 compartments, top with padlock hole (not included padlock)
- Adjustable tubular handle for easy storage
- Supplied with 8 pcs metal compartment divider (for side compartment)
- Inside dimensions:  
Lower compartment - 340x150x100mm  
Side compartment - 340x70x50mm



**ITEM NO.** TBAC345A  
**SIZE(W)x(D)x(H)mm**  
345x160x240

**3-Sections Portable Tool Chest**

- Electro-Powder Coating to resist scratches & solvent markings
- 5 compartments, top with padlock hole (not included padlock)
- Lower compartment covered with EVA foam sheet
- Inside dimensions:  
Lower compartment - 460x210x115mm  
Side compartment - 465x105x50mm



**ITEM NO.** TBAC0502  
**SIZE(W)x(D)x(H)mm**  
470x220x350

**3-Sections Portable Tool Chest**

- Electro-Powder Coating to resist scratches & solvent markings
- 5 compartments, top with padlock hole (not included padlock)
- Lower compartment covered with EVA foam sheet
- Inside dimensions:  
Lower compartment - 520x210x115mm  
Side compartment - 525x105x50mm



**ITEM NO.** TBAC530K  
**SIZE(W)x(D)x(H)mm**  
530x220x350

**3-Sections Portable Tool Chest**

- Electro-Powder Coating to resist scratches & solvent markings
- 5 compartments, top with padlock hole (not included padlock)
- Lower compartment covered with EVA foam sheet
- Inside dimensions:  
Lower compartment - 460x210x115mm  
Side compartment - 465x105x50mm



**ITEM NO.** TBAC0501  
**SIZE(W)x(D)x(H)mm**  
470x220x350

**TOOL CHEST**



**Interlocking Tool Box**

- Impact-resistant ABS plastic
- Top and front handle for convenient lifting
- Side interlocking latches link boxes together, practical connector for two or more boxes
- Each tool box has a loading capacity of up to 25 kg
- Reinforced lid can be loaded with up to 100 kg and provides stable stacking platform
- Fitted with padlock eyes to keep tools safe and secure



ITEM NO.	SIZE (W)x(D)x(H)mm	CAPACITY	MAX. LOAD
TBBE0201	O.D.: 412x322x163 I.D.: 376x284x127	13.6 L	25 KG

• Fitted with padlock eyes to keep tools safe and secure

**Tool Box (MEDIUM)**

- Material: PP
- Multi-function tool box with removable tote tray
- Lid fitted with 1 fixed and 2 removable transparent parts box
- Ideal for organizing tools and parts
- Lightweight & durable design



ITEM NO.	SIZE (W)x(D)x(H)mm	CAPACITY	MAX. LOAD
TBAE0302	445x240x205	11 L	30 KG

**Tool Box (MEDIUM)**

- Material: PP
- Multi-function tool box
- Ideal for organizing tools and parts
- Lightweight & durable design



ITEM NO.	SIZE (W)x(D)x(H)mm	CAPACITY	MAX. LOAD
TBAE0301	445x240x202	11 L	30 KG

**Tool Box (LARGE)**

- Material: PP
- Multi-function tool box
- Large capacity tool box with removable tote tray
- Various compartments accommodate a wide variety of tools and small parts
- Suitable for the storage of large tools and accessories
- Ideal for organizing tools and parts
- Lightweight & durable design



ITEM NO.	SIZE (W)x(D)x(H)mm	CAPACITY	MAX. LOAD
TBAE0401	556x278x270	22 L	30 KG



# TOPTUL TOOL BAG

W / STEEL TUBE HANDLE



**TOPTUL Tool Bag W / Steel Tube Handle**

- Rigid, waterproof tool compartment
- Elastic tool retaining strap
- Large number of side pockets
- Removable padded shoulder strap
- Material: Fabric Polyester
- Net Weight: 2.7 kg



# TOPTUL TOOL BAG

WITH WHEELS AND  
TELESCOPING HANDLE



**TOPTUL Tool Bag with Wheels and Telescoping Handle**

- Multiple internal and external pockets for superb storage capacity
- Ideal for accommodating of tools and accessories
- Suitable for carrying light to medium weight tools
- Material: Fabric Polyester
- Net Weight: 2.4 kg



• Telescoping handles



ITEM NO.	SIZE(L)x(W)x(H)mm	CAPACITY	MAX. LOAD
PBW-041A	410x280x300	20 L	30 KG

ITEM NO.	SIZE(L)x(W)x(H)mm	CAPACITY	MAX. LOAD	Icons
PBW-053A	530x270x320	34 L	20 KG	4





**TOPTUL  
TOOL BAG**  
WITH WHEELS AND  
TELESCOPING HANDLE

**TOPTUL Tool Bag with Wheels and Telescoping Handle**

- Multiple internal and external pockets for superb storage capacity
- Ideal for accommodating of tools and accessories
- Suitable for carrying medium to heavy weight tools
- Material: Fabric Polyester
- Net Weight: 4.63 kg



• Durable wheel



ITEM NO.	SIZE(L)x(W)x(H)mm	CAPACITY	MAX. LOAD
PBW-045A	450x240x340	35 L	30 KG

**TOOL STORAGE & DISPLAY**



**Socket Shelf**

- Ideal for organizing 1/2" DR. Socket from 8 - 32mm
- Include 22 pcs steel dividers



ITEM NO.	SIZE(W)x(D)x(H)mm
TBAB0304	420x335x320

**Socket Storage**



ITEM NO.	SIZE(W)x(D)x(H)mm
TBAB0800	585x110x430

**Chisel & Punch Shelf**



ITEM NO.	SIZE(W)x(D)x(H)mm
TDAK2619	260x185x50

**Screwdriver Shelf**



ITEM NO.	SIZE(W)x(D)x(H)mm
TDAI6021	602x240x210

**Chisel & Punch Shelf**



ITEM NO.	SIZE(W)x(D)x(H)mm
TDAK6006	600x240x60

**Heavy Duty Wall Cabinet**



ITEM NO.	SIZE(W)x(D)x(H)mm
TABP6113	605x125x775



- Hooks for hanging various tools such as screwdrivers, spanners, pliers, ratchet handles and etc.

- 20 pcs
- 5 pcs
- 3 pcs
- 4 pcs
- 5 pcs



- Per cabinet includes 2 pcs wall hanging holder and 2 pcs floor stand holder

**Wall Mount Cabinet**



ITEM NO.	SIZE(W)x(D)x(H)mm
TAAF6118	611x180x981

- Per cabinet includes 20 pcs single hook - 2" (L)



**TOPTUL Display Stand**



**TOPTUL Heavy Duty Display Stand**



• Per display standard includes 20 pcs single hook - 4" (L) & 20 pcs single hook - 6" (L)

ITEM NO.	DESCRIPTION
TDAD2490	Panels - (W)900x(D)450x(H)2400 mm
TDAE2400	Pillars - (H)2400 mm
TDAJ9250	Cabinet - (W)920x(D)450x(H)500 mm
TDAF2592	Lamp Signboard - (W)920 mm Power: 110-230V

**TOPTUL Heavy Duty Display Stand**

- Brand-new developed TOPTUL display stand
- TOPTUL display tags are available for wrenches, sockets & ratchet handles



• Per display standard includes 20 pcs single hook - 4" (L) & 20 pcs single hook - 6" (L)

ITEM NO.	DESCRIPTION
TDAD2490	Panels - (W)900x(D)450x(H)2400 mm
TDAE2400	Pillars - (H)2400 mm
TDAJ9250	Cabinet - (W)920x(D)450x(H)500 mm
TDBG2592	Signboard (Acrylic fabric Material) (W)920 mm (includes 2 fixing hooks)

- Per display standard includes 20 pcs single hook - 4" (L) & 20 pcs single hook - 6" (L)

ITEM NO.	DESCRIPTION
TDAD2192	Panels - (W)920x(D)450x(H)2100 mm
TDAE2100	Pillars - (H)2100 mm
A. TDAF2592	Lamp Signboard - (W)900 mm Power: 110-230V - Optional
B. TDAG2592	Signboard (W)900 mm - Optional

**TOPTUL Merchandise Display Board**



ITEM NO.	SIZE(W)x(H)mm
TDAH7010	700x1000 mm
TEAA0105	50 pcs display stand single hook - 2" (L)



TOPTUL Display Tags are available for Wrenches, Sockets, Bit Sockets, Accessories, Ratchet Handles & Screwdrivers

**HEAVY DUTY WORKBENCH**  
for most workshop applications

- Sturdy construction for heavy duty applications
- 12mm heavy duty rigid working table
- Electro-Powder Coating to resist scratches & solvent markings
- Workbench can be loaded up to 1000 kg



- Per wall cabinet includes 20 pcs single hook - 2" (L)

**Mechanical Tool**

ITEM NO.	DESCRIPTION
1- TAAA1607	Heavy Duty Workbench (W)1560x(D)710x(H)827 mm
2- TAAD1602	Heavy Duty Wall Cabinet (W)1560x(D)200x(H)603 mm (Per cabinet includes 20 pcs single hook - 2")
4- TBAA0304	3-Drawer Mobile Tool Chest (W)687x(D)459x(H)360 mm
5- TCAB0501	Small 5-Drawer Tool Trolley (W)569x(D)340x(H)769 mm

**Heavy Duty Workbench & Wall Cabinet Series**

- Sturdy construction for heavy duty applications
- 12mm heavy duty rigid working table
- Cabinet Wall Panel uses a Hole System for use with hanging hooks
- Electro-Powder Coating to resist scratches & solvent markings
- Workbench can be loaded up to 1000 kg



**Mechanical Tool**

ITEM NO.	DESCRIPTION
1- TAAA1607	Heavy Duty Workbench (W)1560x(D)710x(H)827 mm
3- TAAH1606	Heavy Duty Wall Panel (W)1560x(H)600 mm (Per panel includes 20 pcs single hook - 2")
4- TBAA0304	3-Drawer Mobile Tool Chest (W)687x(D)459x(H)360 mm
5- TCAB0501	Small 5-Drawer Tool Trolley (W)569x(D)340x(H)769 mm

- Per wall cabinet includes 20 pcs single hook - 2" (L)



# WORKSHOP MODULAR SYSTEM



**1. Suspended Cabinets**  
Metal sheet lift door fitted with gas strut



**2. Perforated Panel**  
Wall surfaces are transformed into storage surfaces

**3. Wooden and Stainless Worktops**  
Base units are supplied without worktop allowing user to choose from either wooden or stainless steel



**4. Cabinet Base**  
With vertically adjustable feet



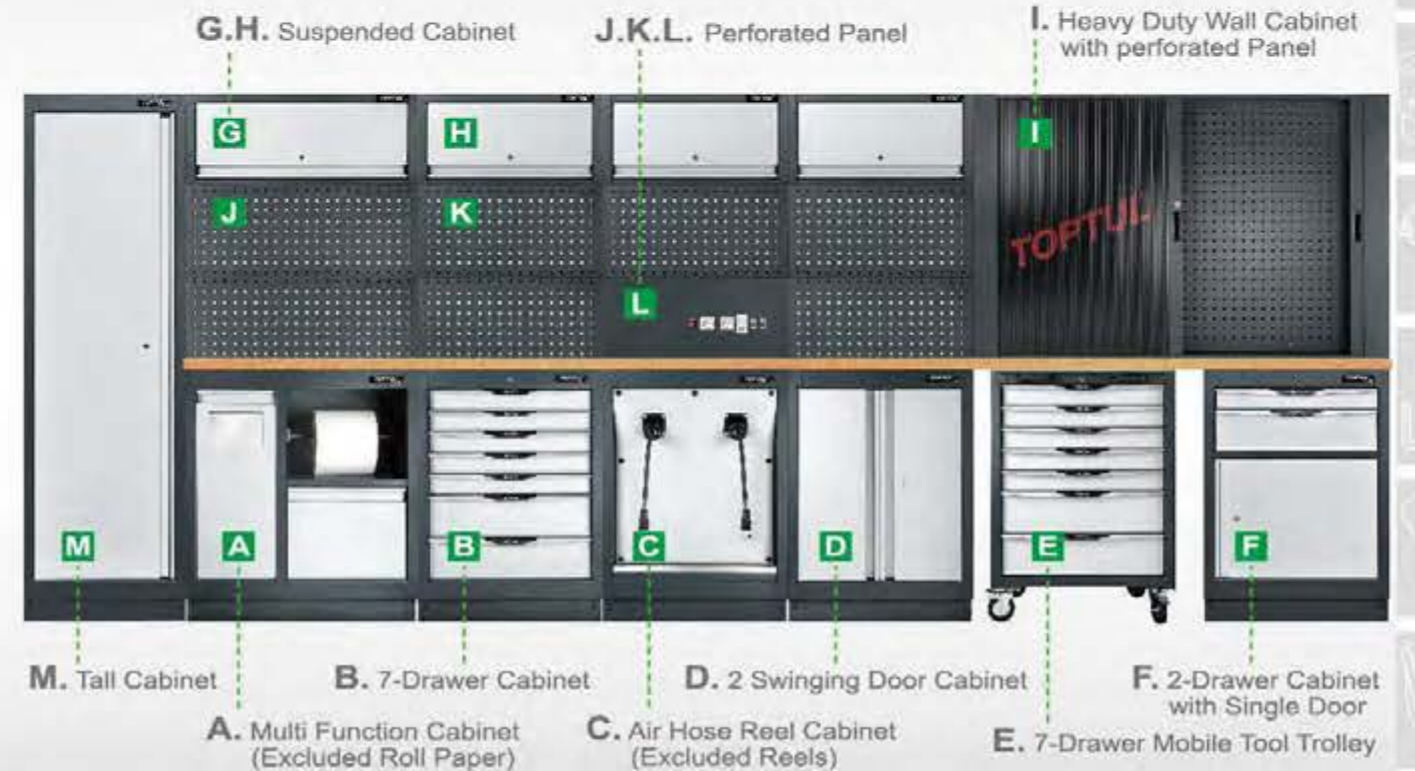
**5. Modular Drawer Cabinet**  
Compatible with all TOPTUL drawer insert tool set



## WORKSHOP MODULAR SYSTEM

TOPTUL Workshop Modular System offers an assortment of storage cabinet.

- Modular design to enable easy upgrading
- Ideal for any garage / workshop
- Choice of worktop - pressed wood or stainless steel
- Cabinet base are fitted with 4 adjustable feet for quickly adjustment and ensures perfect stability regardless of the type of floor
- Matte Finished



### Heavy Duty Wall Cabinet

- Perforated Panel with Shutter
- Perforated Size: 9 x 9 mm
- Cabinet Includes 20 pcs Single Hook - 2" (L)



■ Suitable for  
Single Hook (TEAA series)  
Double Hook (TEAB series)  
U-Hook (TEAC series)



### Multi Function Cabinet

- Smooth ball bearing slide drawers
- Loading capacity per drawer 40 kg
- Static load capacity 1000 kg
- Built-in waste bin
- Worktop not included
- With vertically adjustable feet
- Equipped with paper roll compartment (excluded roll paper)



ITEM NO. SIZE(W)x(D)x(H)mm  
TABD1607 1550x150x966

ITEM NO. SIZE(W)x(D)x(H)mm  
TBBB0103 861x500x954



**// 7-Drawer Mobile Tool Trolley**

- 5 medium & 2 large drawers
- Equipped with retractable drawers
- Safety lock allows only one drawer is opened at a time (preventing the cabinet to tip over)
- Loading capacity per drawer 40 kg
- Static load capacity 210 kg
- 9mm EVA material top mat
- Standard 4"x1" rubber casters with lock (2 swivel casters & 2 swivel casters with lock)
- Supplied with drawer liners and one side handle

**E**



**ITEM NO.** SIZE(W)x(D)x(H)mm  
**TCCA0703** Overall: 683x459x823  
Over w/caster: 683x459x940  
5 Drawer: 578x378x75  
2 Drawer: 578x378x155

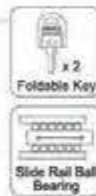
**// 7-Drawer Cabinet**

- 5 medium & 2 large drawers
- Equipped with retractable drawers
- Loading capacity per drawer 40 kg
- Static load capacity 1000 kg
- Worktop not included
- With vertically adjustable feet

**B**



**ITEM NO.** SIZE(W)x(D)x(H)mm  
**TBBI0703** Overall: 689x500x954  
5 Drawer: 578x378x75  
2 Drawer: 578x378x155



**// Air Hose Reel Cabinet**

- Static load capacity 1000 kg
- Worktop not included
- With vertically adjustable feet
- Air hose reel not included

**C**



**ITEM NO.** SIZE(W)x(D)x(H)mm  
**TBBA0103** 689x500x954

**// 2 Swinging Door Cabinet**

- Supplied with an adjustable shelf withstanding 25 kg loads
- Static load capacity 1000 kg
- Worktop not included
- With vertically adjustable feet

**D**



**ITEM NO.** SIZE(W)x(D)x(H)mm  
**TBBG0103** 689x500x954

**// 2-Drawer Cabinet with Single Door**

- 1 medium & 1 large drawers
- Equipped with retractable drawers
- Loading capacity per drawer 40 kg
- Static load capacity 1000 kg
- Worktop not included
- With vertically adjustable feet

**F**



**ITEM NO.** SIZE(W)x(D)x(H)mm  
**TBCI0203** Overall: 689x500x954  
1 Drawer: 578x378x75  
1 Drawer: 578x378x155



**// Sink with Faucet & Storage Cabinet**

- Stainless steel wash basin
- Single handle chrome-plated brass faucet with high arc swing spout
- With vertically adjustable feet

**N**



**ITEM NO.** SIZE(W)x(D)x(H)mm  
**TBBJ0103** 689x500x954mm



**// Tall Cabinet**

- For use as standard cabinet or as clothes locker
- Supplied with two adjustable shelf withstanding 25 kg loads
- Static load capacity 1000 kg
- With vertically adjustable feet

**M**



**ITEM NO.** SIZE(W)x(D)x(H)mm  
**TBCG0103** 600x525x1980mm

**// Suspended Cabinet**

- Metal sheet lift door fitted with gas strut
- Ideal for storage of documents and/or consumables
- Max. loading 80 kg

**G**



**ITEM NO.** SIZE(W)x(D)x(H)mm  
**TBBF0903** 861x300x342



**// Suspended Cabinet**

- Metal sheet lift door fitted with gas strut
- Ideal for storage of documents and/or consumables
- Max. loading 80 kg

**H**



**ITEM NO.** SIZE(W)x(D)x(H)mm  
**TBBF0703** 689x300x342



**MODULAR SYSTEM UPRIGHT CONNECTORS**

Instance A:



Instance B:



**// Support Bracket**



**ITEM NO.** SIZE(W)x(D)x(H)mm  
**TEBO0807** 80x25x1980 (Left & Right)  
**TEBO1207** 116x25x1980 (Connector)

**Assembly Advice**

**Instance A:**  
If combination set included **G, J x2, A**, the assembly technician should need a pair of TEBO0807 (A Type) to set up the modular system

**Instance B:**  
If sets are included ITEM **G, J x2, A, H, K x2, B**, the assembly technician need a pair of TEBO0807 (A Type) plus one piece TEBO1207 (B Type) altogether. The TEBO1207 (B Type) will be a connector for combining two modular system



329

**Perforated Panel**

- Perforated Size: 9 x 9 mm
- Max. Loading 80 kg

**J**



■ Suitable for  
Single Hook (TEAA series)  
Double Hook (TEAB series)  
U-Hook (TEAC series)

ITEM NO.	SIZE(W)x(D)x(H)mm
TEBS0907	861x20x342

**Perforated Panel**

- Perforated Size: 9 x 9 mm
- Max. Loading 80 kg

**K**



■ Suitable for  
Single Hook (TEAA series)  
Double Hook (TEAB series)  
U-Hook (TEAC series)

ITEM NO.	SIZE(W)x(D)x(H)mm
TEBS0707	689x20x342

**Perforated Panel**

- Ideal for installing electrical socket

**L**



■ Excluded Socket

ITEM NO.	SIZE(W)x(D)x(H)mm
TECS0707E	689x20x342

**Single Hook (For Wall Cabinet & Panel)**



ITEM NO.	SIZE(inch)	Weight (kg)
TEAA0202	2	20
TEAA0303	3	20

**Double Hook (For Wall Cabinet & Panel)**



ITEM NO.	SIZE(inch)	Weight (kg)
TEAB0303	3	20
TEAB0404	4	20

**U-Hook (For Wall Cabinet & Panel)**



ITEM NO.	SIZE(inch)	Weight (kg)
TEAC0103	3	20

**Wooden Worktops**

- Material: Alder



ITEM NO.	SIZE (W)x(D)x(H)mm	Max. Load (kg)	Weight (kg)
TEAQ0705	689x500x40	500	7.0
TEAQ0905	861x500x40	500	9.4
TEAQ1405	1381x500x40	1000	14.3
TEAQ2205	2244x500x40	1000	20.8
TEAQ2405	2416x500x40	1000	24.5

**Stainless Worktops**



ITEM NO.	SIZE (W)x(D)x(H)mm	Max. Load (kg)	Weight (kg)
TEBQ0705	689x500x40	500	12.0
TEBQ0905	861x500x40	500	14.4
TEBQ1405	1381x500x40	1000	24.0
TEBQ2205	2244x500x40	1000	37.0
TEBQ2405	2416x500x40	1000	40.8

**PROFESSIONAL HAND TOOLS**



**330**

**AUTO TOOLS SERIES UNDERCAR, ENGINE, BODY, GENERAL TOOLS**

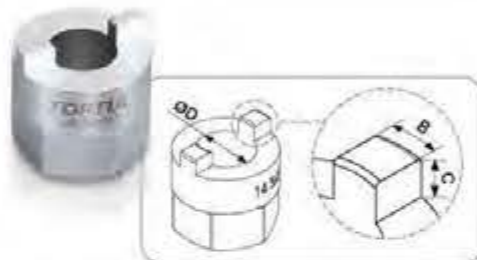
Automotive specialty tools for auto mechanical repairs & maintenance.



AUTO TOOLS



**Strut Nut Socket**



- Made of heat treated and tempered Chrome Molybdenum Steel (CR-MO)
- Suitable for the removal and installation of top shock retaining nut
- Use with 22mm (7/8") spanner

ITEM NO.	SIZE (mm)	B (mm)	C (mm)	ØD (mm)	L (mm)	Applicable	QTY	PKT
JEAJ0201	10.5x3.5	3.5	4	10.5	25	VW Golf rear axle	20	160
JEAJ0202	12.5x3.5	3.5	4	12.5	25	VW Polo front axle	20	160
JEAJ0203	14.5x5	5	4	14.5	25	Audi 80, Skoda, Seat, VW Polo / Golf / Passat	20	160
JEAJ0204	14.5x3	3	4	14.5	25	Austin Maestro	20	160
JEAJ0205	14x2.5	2.5	1.5	14	28.5	Mercedes-Benz W203 (C-class) / W209 (CLK)	20	160

**3PCS Strut Nut Socket Set (For VAG)**



- Suitable for the removal and installation of top shock retaining nut
- Application: Suitable for most Audi, Seat, Skoda, VW vehicles

ITEM NO.	CONTENTS	QTY	PKT
JGAR0303	1 JEAJ0201 Strut Nut Socket Internal Ø10.5mm with 3.5mm Pin	20	120
	1 JEAJ0202 Strut Nut Socket Internal Ø12.5mm with 3.5mm Pin		
	1 JEAJ0203 Strut Nut Socket Internal Ø14.5mm with 5.0mm Pin		

**Strut Nut Socket**



- Suitable for the removal and installation of top shock retaining nut
- Location pegs fit into slots cut in the retaining ring and allow hex key access through the center for release/adjustment of the shock
- Use with 22mm (7/8") spanner
- Material: Heat treated and tempered Chrome Molybdenum Steel (CR-MO)
- Application: Suitable for most VW, Audi vehicles

ITEM NO.	SIZE (mm)	B (mm)	C (mm)	ØD (mm)	L (mm)	Applicable	QTY	PKT
JEAJ0122	15x3.6	4.8	3.6	15	44	Most VW, Audi vehicles	6	144

CR-MO

**20PCS**

**Universal Shock Absorber Strut Nut Tool Kit**

- A comprehensive set includes various shock absorber sockets and tools to remove and install turnbuckle & adjust the tension on shock absorber for most vehicles
- Application: VW, Audi, Austin, Mercedes-Benz, Honda, Fiat, Seat, Ford, Rover, Opel, Peugeot, Renault, Citroën, Chrysler, Volvo, Nissan, BMW and etc.



ITEM NO.	CONTENTS	QTY	PKT
JEAJ0204	Strut Nut Socket (for Austin Maestro) Internal Ø14.5mm with 3mm Pin	5	160
JEAJ0205	Strut Nut Socket (for Mercedes-Benz W203 (C-class) / W209 (CLK)) Internal Ø14mm with 2.5mm Pin		
JEBJ0117-0124	Special Long Reach Sockets 17, 18, 19, 21, 22, 24mm		
JEAJ015B-0108	10mm Hex Shank Internal Slotted Insert Bits 5.2, 6, 7, 8mm (L=92mm)		
JEAJ0211	10mm Hex Shank Female Hexagon Bit Socket 11mm (L=92mm)		
JEAJ0306 & 0307	10mm Hex Shank Male Hexagon Insert Bits 6 & 7mm (L=100mm)		
JEAJ0412	10mm Hex Shank Spline Insert Bit M12 (L=100mm)		
JEAJ0550	10mm Hex Shank Star Insert Bit T50 (L=100mm)		
AOAF1010-2222	72 Teeth Pro-Series Ratchet Combination Wrenches 10, 18, 22mm		

PLASTIC BOX: W373 x D289 x H56 (mm)

**20PCS Universal Shock Absorber Strut Nut Tool Kit**

**KIT CONTENT**

Part No.	Size	Description & Application
JEAJ0204	14.5x3 mm	Strut Nut Socket Austin Maestro
JEAJ0205	14x2.5 mm	Strut Nut Socket Mercedes-Benz W203 (C-class) / W209 (CLK)
JEBJ0117	17 mm	Special Long Reach Socket Ford, VW, Audi, Seat, Fiat
JEBJ0118	18 mm	Special Long Reach Socket Ford, VW, Audi, Seat, Rover, Opel, Peugeot, Renault, Japanese Cars
JEBJ0119	19 mm	Special Long Reach Socket VW, Audi, Seat, Citroën, Fiat, Opel, Peugeot, Toyota
JEBJ0121	21 mm	Special Long Reach Socket Mercedes-Benz W203, Chrysler, VW, Audi, Japanese Cars, Ford
JEBJ0122	22 mm	Special Long Reach Socket VW, Audi, Seat, Citroën, Fiat, Opel, Peugeot, Renault, BMW
JEBJ0124	24 mm	Special Long Reach Socket Volvo
JEAJ015B	5.2 mm	10 mm Hex Shank Internal Slotted Insert Bit VW, Audi, Nissan
JEAJ0106	6 mm	10 mm Hex Shank Internal Slotted Insert Bit VW, Audi, Renault
JEAJ0107	7 mm	10 mm Hex Shank Internal Slotted Insert Bit VW, Audi, Seat, Fiat
JEAJ0108	8 mm	10 mm Hex Shank Internal Slotted Insert Bit Seat, Fiat
JEAJ0211	11 mm	10 mm Hex Shank Female Hexagon Bit Socket Japanese Cars
JEAJ0306	6 mm	10 mm Hex Shank Male Hexagon Insert Bit Seat, Fiat, Citroën, Peugeot, Ford, Opel, Renault, Japanese Cars, BMW
JEAJ0307	7 mm	10 mm Hex Shank Male Hexagon Insert Bit VW, Audi, Seat, Fiat, Citroën, Peugeot, Mercedes-Benz W203, Renault
JEAJ0412	M12	10 mm Hex Shank Spline Insert Bit Opel, Vauxhall
JEAJ0550	T50	10 mm Hex Shank Star Insert Bit Nissan, Ford
AOAF1010	10 mm	72 Teeth Pro-Series Ratchet Combination Wrenches
AOAF1819	19 mm	
AOAF2222	22 mm	

KIT CONTENT



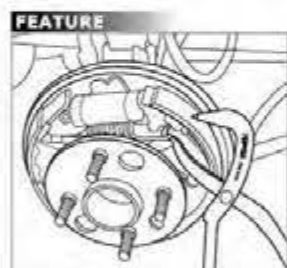
**Disc Brake Piston Spreader**



- Chemically blacken steel spreader plates
- Fits in brake caliper to push back pistons for new brake pads installation
- For installing pads on most domestic and import cars and light trucks
- Maximum pusher width: 70mm (2-3/4")

ITEM NO.	CAPACITY (mm)	Weight	Length
JEAF0107	0 - 70 (0 - 2-3/4")	1	18

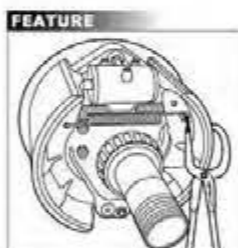
**Brake Spring Pliers**



- Use to remove and install shoe return springs on most drum brakes
- Special socket end design removes spring from anchor stud, notched end installs spring on anchor

ITEM NO.	LENGTH (mm)	Weight	Length
JDAL0133	325 (12-3/4")	6	48

**Brake Spring Pliers**



- Use to remove and install brake shoe retain springs
- Large jaw opening allows servicing of wider brake shoes
- Robust structure design to work on of medium-duty and heavy-duty drum brakes
- Extra long knurled handles provide extra leverage for the toughest jobs
- With replaceable spring hooks

ITEM NO.	LENGTH (mm)	Weight	Length
JDAL0452	520 (20-1/2")	3	12

**Wheel Balancing Weight Pliers with Invisible Spring**



- Special tool for balancing automotive tires and wheels; installs, removes, trims, levers, hammers and tightens all type of click-on wheel weights

ITEM NO.	LENGTH (mm)	Weight	Length
JEAA1010	250 (10")	10	40

**Tire Lever**



- Made of drop forged Chrome Molybdenum Alloy Steel
- Suitable for the removal and installation of tubeless truck tires
- Special designed to ease the process of mount and demount tires
- Fine tapered and ground ends for easier use and to lessen the likelihood of damage to tires
- Optimal length for greater leverage

ITEM NO.	LENGTH (mm)	DIAMETER (mm)	Weight	Length
JCEH2237	940 (37")	22	1	5

**Truck Tire Lever**



- Made of drop forged Chrome Vanadium Alloy Steel
- Suitable for the removal and installation of tubeless truck tires & tractor tires
- Heavy duty pattern, black phosphate finish
- Optimal length for greater leverage

ITEM NO.	LENGTH (mm)	DIAMETER (mm)	Weight	Length
JCEG2229	728 (28-21/32")	22	5	10

ITEM NO.	LENGTH (mm)	Weight	Length
JCAB2208	200 (8")	10	60
JCAB2312	300 (12")	10	60
JCAB2415	380 (15")	10	40
JCAB2821	530 (21")	10	20

**Multi-Purpose Inner Tie Rod Tool**



- The master tie rod tools are specially designed to easily replace inner tie rod ends without disassembling the rack and pinion
- Operated with 1/2 inch square drive hand tools

ITEM NO.	CAPACITY (mm)	Weight	Length
JEAH0142	33 - 42	10	40

**Inner Tie Rod Tool**



No impact / power drive.



- Designed to remove and install the axial joint from the track rod
- Head design allows auto-grip tie rod end firmly by turning clockwise to tighten and anti-clockwise to loosen & remove axial joint
- Use with 27mm wrench or 1/2" square drive tools
- Hollow body for easy pass through and reach axial joint

ITEM NO.	CAPACITY (mm)	L (mm)	Weight	Length
JEAH0245	35 - 45	400	1	10

**CV Boot Clamp Pliers - Earless Type**



- Designed to install & remove earless type clamps
- Quickly remove CV joint boot clamps
- Grips clamp in various position to tighten clamp around
- Works on earless type clamps including GM inboard CV joints

ITEM NO.	LENGTH (mm)	Weight	Length
JEAE0209	240 (9-1/2")	12	72

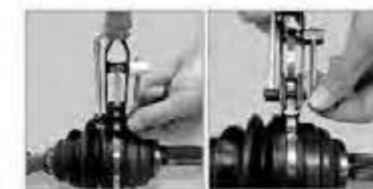
**Pneumatic CV Joint Boot Installation Tool**



- Specially designed for stretching flexible CV boots on to the drive shaft assemblies of automotive vehicles
- Installs flexible steering and CV Joint boots without removing axle from the vehicle or the CV joint from the axle
- Save on labor time by up to 70% and prevent damage to CV joint
- Composite body with simple control valve works from standard workshop air supply
- No additional lubricant necessary
- Suitable for most cars, small vans, light commercial vehicles
- Material: Aluminum Alloy
- Tool includes 2 pcs air nipples (European Type & Japanese Type)

ITEM NO.	JEBE0111
<b>SPECIFICATIONS</b>	
CV Joint Diameter	20 - 115 mm
Max. Air Pressure	125 PSI (9 BAR)
Working Pressure	72 - 113 PSI (5 - 8 BAR)
Air Inlet	1/4" PT
Overall Length	470 mm
Net Weight	3.5 kgs

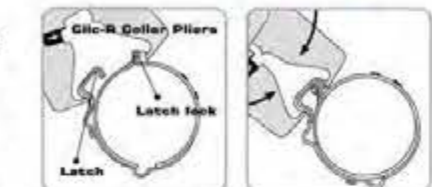
**C.V. Joint Banding Tool (with Cutter)**



- Use to install and tighten the band-it and strap style clamp on CV joint boots, power steering rack and pinion steering gear boots
- Bands are installed into the tool and tightened by turning the tool handle
- Use a 1/2" socket / wrench or by hand to wind the band until sufficient tension is applied
- When boot clamp has been tightened to spec, the built in cutter cuts the band by flipping tool lever (at the front of the tool) forward
- Tool is easily removed by sliding sideways after the band is tightened

ITEM NO.	LENGTH (mm)	Weight	Length
JEAE0423	230 (9")	20	60

**Clic-R Collar Pliers**



- For releasing and refitting the new style Clic and Clic-R reusable hose clamp clips
- Spring actuated joint, soft grip handles

ITEM NO.	LENGTH (mm)	Weight	Length
JEAE0107	180 (7")	12	72

**CV Boot Clamp Pliers - Ear Type (Extension)**



- Designed to crimp the ear type CV boot clamps
- 1/2" 4 point recess in the handle for additional use with 1/2" drive ratchet, torque wrench and etc.
- Comfort grip handle

ITEM NO.	LENGTH (mm)	Weight	Length
JEAE0509	240 (9-1/2")	12	36

**CV Boot Clamp Pliers - Ear Type**



- Designed to crimp the ear type CV boot clamps used on front-wheel drive vehicles
- Pliers serve as a hose clamp installer for easy installation of Perma-Quick type hose clamps on fuel filters, water pumps, other cooling system hoses and CV joint boot clamps
- Comfort grip handle

ITEM NO.	LENGTH (mm)	Weight	Length
JEAE0310	265 (10-1/2")	12	48



**Front Wheel Drive Axle Puller (Steel Cable Type)**



ITEM NO. JEAG0198

- Features: Use the extendable and adjustable steel cable to clip the axle / drive shaft tightly. Pull out the axle / drive shaft with slide hammer easily
- Material: Body (Iron), Slide Hammer (Cast Iron), Cable (Steel)
- Maximum Steel Cable Diameter: 100mm I.D.
- Overall Length: 980mm

**Lower Ball Joint Socket (For Citroën / Peugeot Vehicles)**

CR-MO



- Made of heat treated, durable Chrome Molybdenum Alloy Steel
- Designed for loosening & tightening the screw-fitted ball joint
- 35mm Hex drive with 19mm internal clearance
- Location pegs fit into slots cut in the ball joint flange
- Suitable for Citroën and Peugeot 405

ITEM NO.	L (mm)	Inner diameter Ø (mm)	Outer diameter Ø (mm)	Pin width (mm)	1	2
JEBQ0505	45	42.5	51	4.9	6	72

**Universal CV Joint Removal Puller**

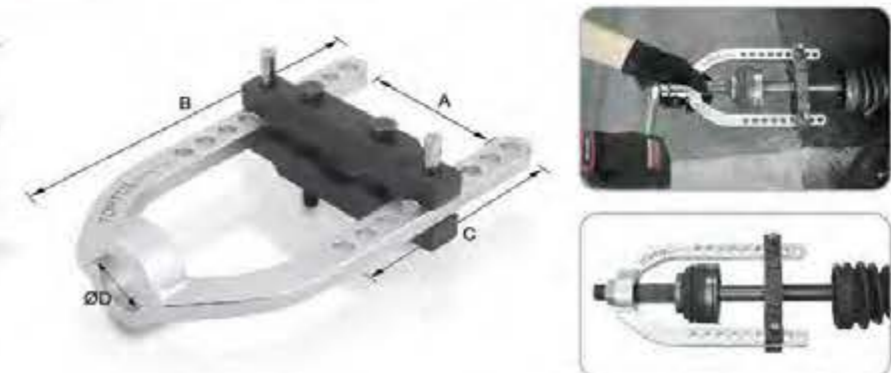
**Fork Type Ball Joint Separator**

CR-MO



- Tempered drop forged steel with one piece construction for long and rough usage
- Robust fork with long length stem replaces worn out ball joints easily with a hammer striking

ITEM NO.	FORK OPENING (mm)	L (mm)	1	2
JEAB0330	24	300	10	20
JEAB0440	18	400	10	20



- Designed for quick and easy removal CV joints on front wheel drive cars
- Specially shaped clamping jaws ensure a secure grip on the drive shaft
- Extra wide frame and suitable for a wide range of vehicles
- Reduces risk of damaging joint and while keeps hands free for releasing retaining circlip

ITEM NO.	A (mm)	B (mm)	C (mm)	ØD (mm)	1	2
JEAX0101	105	250	145	32	1	8

**Ball Joint Separator**

CR-MO



- Drop forged steel body and bolt for long and rough usage
- Suitable for most small cars and light vans

ITEM NO.	JAW SIZE (mm)	MAX JAW OPENING (mm)	L (mm)	1	2
JEAB0116	19	50	160	1	20

**Universal Ball Joint Separator**

CR-MO



- Drop forged steel body and bolt for long and rough usage
- Special design two stage operation provides 30mm & 55mm maximum opening
- Suitable for most small cars and light trucks ball joints in steering and suspension

ITEM NO.	JAW SIZE (mm)	MAX JAW OPENING (mm)	L (mm)	1	2
JEAB0216	22	55	160	1	20

**Universal Ball Joint Separator**

CR-V



- For splitting track-rod ends, anti-roll bar mountings, ball joints and etc.

ITEM NO.	JAW SIZE (mm)	MAX JAW OPENING (mm)	L (mm)	1	2
JEAB0505	22	50	100	1	30

**Ball Joint Separator**



- Drop forged steel body and bolt for long and rough usage
- Suitable for splitting track rod ends, anti-roll bar mountings, steering ball joints and etc.

ITEM NO.	Jaw Size A (mm)	B (mm)	C (mm)	1	2	Applicable
JEAB0723	23	25	55	M16 x 1.5 x 50	17	Audi, BMW, Citroën, Ford, Opel, Mercedes-Benz, Peugeot, Renault, Rover, Saab, Volvo, VW etc.
JEAB0728	28	25	55	M16 x 1.5 x 50	17	Audi A4/A6/A8, VW, Passat ab '97 etc.

**Ball Joint Separator**

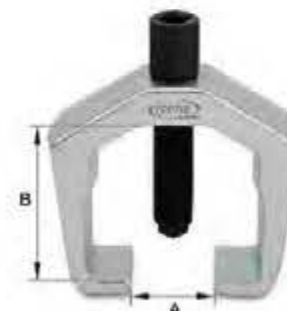
CR-MO



- Drop forged steel body and bolt for long and rough usage
- Suitable for splitting track rod ends, anti-roll bar mountings, steering ball joints and etc.

ITEM NO.	Jaw Size A (mm)	B (mm)	C (mm)	1	2	Applicable
JEAB0618	16	36	38	M14 x 1.5 x 50	17	1 48
JEAB0623	23	45	47	M16 x 1.5 x 70	17	1 12
JEAB0629	29	62	65	M18 x 1.5 x 90	19	1 12
JEAB0640	40	63	76	7/8"-14 UNF x 135	24	1 12
JEAB0646	46	76	100	7/8"-14 UNF x 135	24	1 12

**Pitman Arm Puller**



- Drop forged steel body and bolt for long and rough usage
- Design to remove tie rod ends and pitman arm assemblies from most car and light trucks

ITEM NO.	Jaw Size A (mm)	B (mm)	1	2	Applicable
JEAB0833	33	64	5/8"-18 UNF x 85	19	6 24

**15PCS Multi-Steering Knuckle Spreader Tool Set**



ITEM NO. JGAI1501 12 (SET)

- Suitable for removal and refitting of shock absorbers without the risk of damage to the Aluminum or cast iron knuckle
- For steering knuckles with either a centralized slot or a non centralized slot
- Designed for twin ball joints as fitted to Audi and VW control arms
- Application for most vehicles such as Audi, BMW, Citroën, Ford, Peugeot, Renault, Seat, Skoda, VW and etc.

BLOW CASE: W195 x D140 x H40 (mm)

**Hub Slide Hammer Puller**



ITEM NO. JEA10167

- Features: Pulls and removes flange-type rear axles on most late model passenger cars and light trucks. Designed to work on axles with bolts and studs up to 9/16" diameter. Fits 4 & 5-bolt pattern hub, stud circle diameter range from 4" - 6". Heavy duty slide hammer action with 10 lbs (4.5 kgs) hammer for tough pulling jobs



**Slide Hammer Puller Set**



**KIT CONTENT**

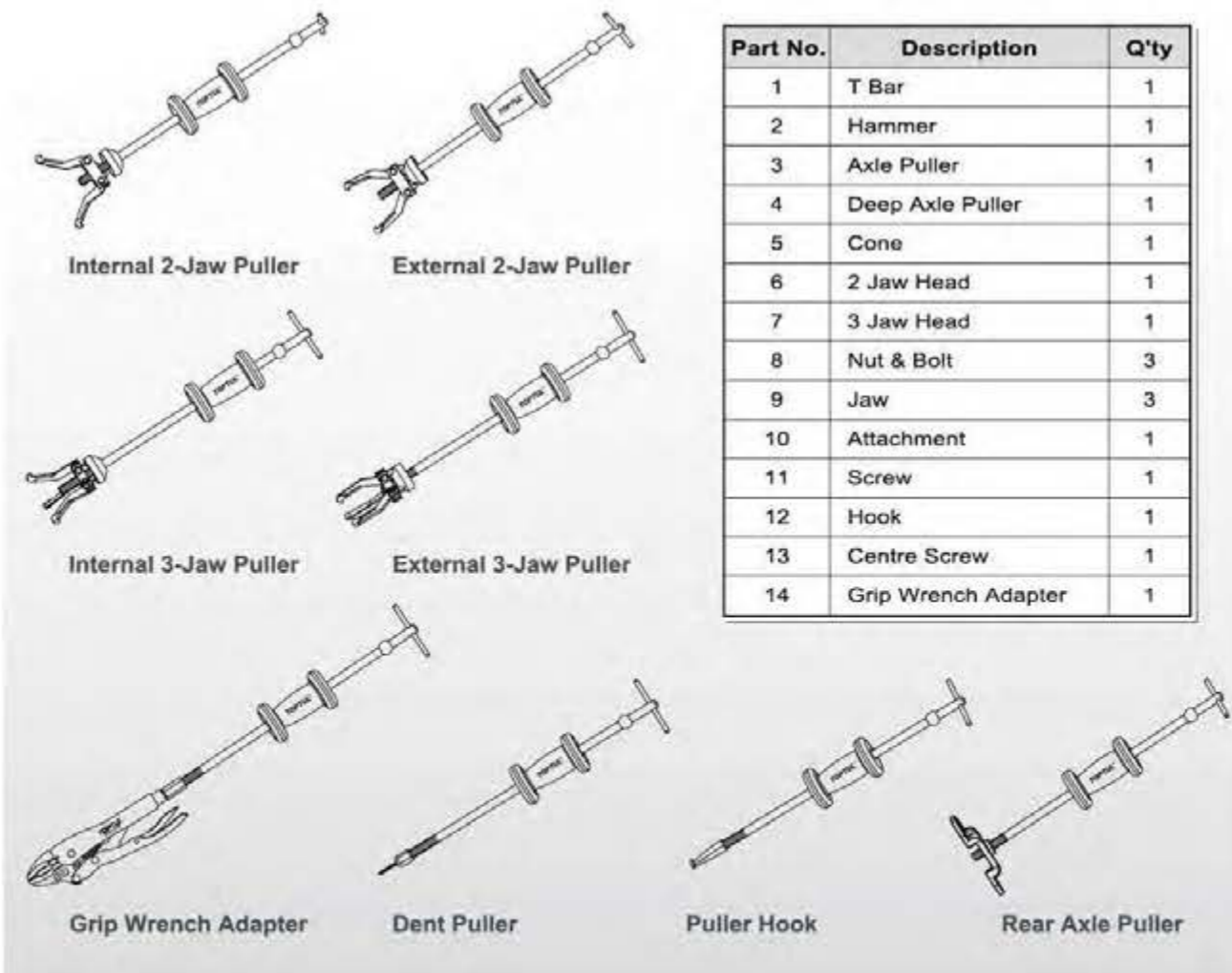


ITEM NO. JGA11303

2 (SET)

• **Features:** Most commonly used tool set to pull and removes flange-type rear axles, oil seals, bearings and press-fits parts. Designed to work on multi-purpose works and 8 functional assembly; external 3-jaw puller, internal 3-jaw puller, external 2-jaw puller, internal 2-jaw puller, grip wrench adapter, puller hook, rear axle puller, dent puller to suits different pulling & removing jobs.

BLOW CASE: W600 x D210 x H100 (mm)



Part No.	Description	Q'ty
1	T Bar	1
2	Hammer	1
3	Axle Puller	1
4	Deep Axle Puller	1
5	Cone	1
6	2 Jaw Head	1
7	3 Jaw Head	1
8	Nut & Bolt	3
9	Jaw	3
10	Attachment	1
11	Screw	1
12	Hook	1
13	Centre Screw	1
14	Grip Wrench Adapter	1

**36PCS Self-Adjusting Clutch Alignment Tool Kit**



Ten Alignment Adapter



Pretension Clutch



Resetting Tool



Face Spanner (Audi, Seat, Skoda and VW)

ITEM NO. JGA13601

2 (SET)

- Suitable for most self adjusting clutches SAC (3 and 4 points) equipped on vehicles of VW, Audi, BMW, Fiat Group, Mercedes-Benz, Opel, Renault, Volvo etc.
- Tool kits allow operations on clutch with this device can prevent any damage to system and to keep adapter ring in right position
- Necessary tools for easy pre-tensioning self adjusting clutches before removal or installation
- Prevents clutch plate distortion and avoid unexpected of clutch from disengaging or dragging
- Equipped a refitting tool, can allow the clutch adjuster to be wound back, and ten alignment adapters. Alignment of clutch disk to drive bearing & disk pushing plate
- Kit includes a clamping tool for SAC clutches with 3(4) hole pitch, a compression strut, 2 handle for clamping tool, a face spanner, a clutch resetting tool, 10 alignment adapter, 4 threaded bolts - M6 - M7 and M8, 4 knurled nuts, 4 screw - M8

BLOW CASE: W435 x D400 x H82 (mm)

**Universal Clutch Aligner**



- Design for easy aligning the clutch and pressure plate before installation
- Suitable for most vehicles up to approximately 5 tons with single plate clutches
- Made of special plastic for light and durable body
- Supplied with 3 different sized expanding collets
- Collets: Ø15-18mm; Ø18-21mm; Ø22-28mm

ITEM NO. JEAN0131

CAPACITY Ø (mm) 15 - 28

12 48



**PNEUMATIC CALIPER DISC BRAKE WIND BACK TOOL SET**



**4PCS Right & Left Hand Thread Brake Caliper Rewind Tool**

- Designed to wind back brake caliper pistons when servicing brake calipers or replacing brake pads
- Air supply ram applies pressure to adjust the caliper piston easily while rotating handle back by hand
- For left and right handed threaded brake caliper piston rewind
- Easy operated, applies in workshop by standard air supply system
- Suitable for most pin type adapters



ITEM NO.	Air Pressure	Air Inlet	Type	5	10
JEBF0226E	5 - 8 BAR	1/4" PT	EU	5	10
JEBF0226J	5 - 8 BAR	1/4" PT	JP	5	10

**18PCS Pneumatic Caliper Disc Brake Wind Back Tool Set**



- Designed for adjusting wind & pistons back into caliper when servicing brake calipers or replacing brake pads
- Air supply ram applies pressure to adjust the caliper piston easily, while rotating handle back by hand
- Easy operated, applies in workshop by standard air supply system
- With magnetic pad to hold adapters in place
- Multipurpose tool set with mostly completely range of 17 adapters for brake assemblage, and cover various type of popular vehicles
- Suitable for Mercedes-Benz, BMW, Audi, VW, Opel, Volvo, Jaguar, Citroën, Fiat, Peugeot, Alfa Romeo, Saab, Lancia, Toyota, Honda, Nissan, Mitsubishi, Isuzu, Mazda, Subaru, GM, Ford, Rover etc.

ITEM NO.	CONTENTS	5 (SET)
JGAI1804	1 Pneumatic caliper disc brake wind back tool (Air Pressure: 5-8 BAR ; Air Inlet: 1/4" PT) European Type (Item No. JGAI1804E) Japanese Type (Item No. JGAI1804J)	5
	17 Brake piston adapters	

BLOW CASE: W350 x D306 x H87 (mm)

**3PCS Brake Caliper Rewind Tool (Right-Hand Thread)**



- Designed for rewinding brake piston with right-handed thread
- Fitted for most European and Japanese Cars with right-handed thread
- Expert quality, complete with reaction plate and double sided adapter
- Adapter double sided:
  - 1 side: (22mm centers / 6mm diameter pins (approx.) Alfa Romeo, Audi, Citroën, Fiat, Ford, Honda, Jaguar, Nissan, Peugeot, Renault, Rover, Saab, Seat, Subaru, VW, Volvo and etc.
  - 2 side: (33mm centers / 6mm diameter pins (approx.) Ford, Mazda, Mitsubishi, Toyota and etc.

ITEM NO.	CONTENTS	5	30
JGAR0304	1 Right-hand threaded rewind tool with T-handle	5	30
	1 Reaction plate		
	1 Double sided brake piston adapter		

**6PCS Right & Left Hand Thread Brake Caliper Rewind Tool Kit**



- Double-ended design for retracting right and left-handed rear caliper pistons
- Ideal for replacing brake pads and easy to carry out the maintenance work during applications
- Adjustable 2 pin & 3 pin brake piston wind back adapters cover a wide range of vehicle application
- Quickly and easily operated from 20mm to 35mm distance between pin centers (Pins diameter Ø4mm)
- Three-pin design suit a Electronic Park Brake (EPB) and VAG vehicles
- Suitable for most vehicles

ITEM NO.	CONTENTS	5	20
JGAR0402	1 2 in 1, 3/8" Dr. Right & Left Hand Thread Brake Caliper Rewind Tool	5	20
	1 Sliding Bar		
	1 Reaction Plate		
	1 3/8" Adapter with Magnet		

**18PCS Universal Caliper Disc Brake Wind Back Tool Kit**



- This tool is designed to wind back brake caliper pistons when servicing brake calipers or replacing brake pads
- Expert Quality, left hand and right hand threaded rewind tools allow the easy return of the brake piston into the caliper to provide clearance for new brake pads
- Application for most cars, such as Audi, Ford, Nissan, Alfa Romeo, Saab, Subaru, BMW, Toyota, Jaguar, VW, GM and etc.

ITEM NO.	CONTENTS	8 (SET)
JGAI1801	1 Left and right hand threaded rewind tools	8
	1 Reaction plate	
	18 Brake piston adapters	

BLOW CASE: W325 x D255 x H50 (mm)

**12PCS Universal Caliper Disc Brake Wind Back Tool Kit**



- Magnetic socket adapter
- Including 10 adapters for brake assemblage
- For rotating pistons back into caliper to provide clearance for new pads
- Prevents damage to the piston and boot
- Suitable for VW, Audi, Ford, Nissan, Alfa Romeo, Rover, Saab, Subaru, Toyota, Jaguar and most of the general motors

ITEM NO.	CONTENTS	10 (SET)
JGAI0601	1 2 in 1, 3/8" Dr. Right & Left Hand Thread Brake Caliper Rewind Tool	10
	1 Sliding Bar	
	1 Reaction Plate	
	1 3/8" Adapter with Magnet	
	1 2 Pin Adjustable Brake Piston Wind Back Adapter	
	1 3 Pin Adjustable Brake Piston Wind Back Adapter	

BLOW CASE: W260 x D170 x H60 (mm)

**2PCS 2&3 Pin Adjustable Brake Piston Wind Back Adapter Set**



- Adjustable two-pin brake piston wind back adapters cover a wide range of vehicle application
- Operated by rotating the top section and easily operated from 20mm to 35mm distance between pin centers (Pins diameter Ø4mm)
- Pins designed to shear at 110Nm
- Use with 3/8" square drive caliper disc brake wind back tool

ITEM NO.	CONTENTS	24	48
JGAR0202	1 JEAY0235 2 Pin Adjustable Brake Piston Wind Back Adapter	24	48
	1 JEAY0335 3 Pin Adjustable Brake Piston Wind Back Adapter		

BLOW CASE: W325 x D255 x H50 (mm)

**3 Pin Adjustable Brake Piston Wind Back Adapter**



- Adjustable two-pin brake piston wind back adapters cover a wide range of vehicle application
- Operated by rotating the top section and easily operated from 20mm to 35mm distance between pin centers (Pins diameter Ø4mm)
- Pins designed to shear at 110Nm
- Use with 3/8" square drive caliper disc brake wind back tool

ITEM NO.	DRIVE	PIN	CAPACITY Ø (mm)	10	100
JEBY0235	3/8"	2	20 - 35	10	100

**2PCS 2&3 Pin Adjustable Brake Piston Wind Back Adapter Set**



- Adjustable three-pin design suit a Electronic Park Brake (EPB) and VAG vehicles
- Operated by rotating the top section and easily operated from 20mm to 35mm distance between pin centers (Pins diameter Ø4mm)
- Pins designed to shear at 110Nm
- Use with 3/8" square drive caliper disc brake wind back tool

ITEM NO.	DRIVE	PIN	CAPACITY Ø (mm)	10	100
JEBY0335	3/8"	3	20 - 35	10	100

**2PCS 2&3 Pin Adjustable Brake Piston Wind Back Adapter Set**



- Expert quality, adjustable 2 pin & 3 pin brake piston wind back adapters cover a wide range of vehicle application
- Quickly and easily operated from 20mm to 35mm distance between pin centers (Pins diameter Ø4mm)
- Three-pin design suit a Electronic Park Brake (EPB) and VAG vehicles
- Use with two-pin drive tool

ITEM NO.	CONTENTS	24	48
JGAR0202	1 JEAY0235 2 Pin Adjustable Brake Piston Wind Back Adapter	24	48
	1 JEAY0335 3 Pin Adjustable Brake Piston Wind Back Adapter		



**3/4" DR. Spline Bit Impact Socket** (CR-MO)



- Made of impact quality Chrome Molybdenum Alloy Steel
- This tool is designed to loosen and tighten wheel bearing / hub unit retaining bolts at the rear axle
- Applicable: Audi A3, VW Golf / Golf Plus / Jetta / Touran / Eos / Passat, Seat Altea / Leon / Toledo and etc.

DRIVE	ITEM NO.	SIZE	L (mm)	W	H
3/4"	KADB2418	M18	105	1	18

30mm sq.

**Thin Wall Deep Impact Socket with Plastic Sleeves (For Mercedes-Benz)** (DIN 3121) (CR-MO)



- Made of Chrome Molybdenum Steel
- Deep thin wall allows easy access to recessed wheel nuts
- Resin cap insert protect lug nuts and bolts to against impact damage
- With protection sleeves for reducing the risk to damage alloy rims
- Application: Mercedes-Benz C and GLK-Class (W204), E-Class (W211, W212, W207), SLK-Class (W172), ML-Class (W164, W166), CL-Class (W216), S-Class (W221, W222)

DRIVE	ITEM NO.	SIZE (mm)	L (mm)	COLOR	W	H
1/2"	KABQ1617	17	78	White	20	80

12.5mm sq.

**1/2" DR. 12PT Flank Deep Impact Sockets** (DIN 3121) (CR-MO)



DRIVE	ITEM NO.	SIZE (mm)	L (mm)	W	H
1/2"	KABJ1630	30	78	5	20
	KABJ1632	32	78	5	20
	KABJ1636	36	78	5	20

12.5mm sq.

**1/2" DR. Spline Bit Impact Sockets** (SNCM+V)



DRIVE	ITEM NO.	SIZE	L (mm)	W	H
1/2"	KADB1614S	M14	44	25	250
	KADB1616S	M16	44	25	250
	KADB1618S	M18	44	25	250
	KADB1614L	M14	77	15	120
	KADB1616L	M16	77	15	120
	KADB1618L	M18	77	15	120

12.5mm sq.

**3PCS 1/2" DR. Hub Nut Deep Impact Socket Set**



- Heavy duty, professional quality 12-point deep impact sockets, manufactured from hardened and tempered Chrome Molybdenum Steel
- Suitable for hub nut applications where high torque is required
- Set contains three sockets for a sure grip on the most common sized hub nuts
- Black phosphate finish for added corrosion resistance
- Applications: Audi, VW, Alfa Romeo, BMW, Citroën, Fiat, Ford, Opel, Mercedes-Benz, Peugeot, Renault and etc.

ITEM NO.	CONTENTS	W	H
GDAI0303	3 KABJ1630-1636 1/2" Dr. 12PT Flank Deep Impact Sockets (78 mmL) 30, 32, 36 mm	170	105

BLOW CASE: W170 x D105 x H70 (mm)

**6PCS 1/2" DR. Spline Bit Impact Socket Set**



ITEM NO.	CONTENTS	W	H
GDAI0601	6 KABD1614S-KADB1618S 1/2" Dr. Spline Bit Impact Sockets (44 mmL) M14, M16, M18	130	107
	6 KABD1614L-KADB1618L 1/2" Dr. Spline Bit Impact Sockets (77 mmL) M14, M16, M18	130	107

BLOW CASE: W130 x D107 x H53 (mm)

**8PCS Lug Nut Remover / Wheel Lock Removal Tool Kit** (CR-MO)

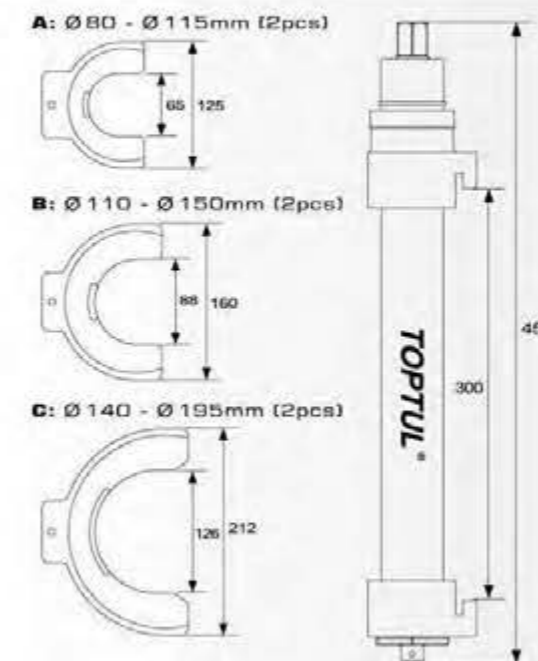


ITEM NO.	CONTENTS	W	H
JGAI0802	8 JEAK1617-1628 1/2" Dr. Locking Wheel Nut Removal Sockets 17, 18.5, 20, 21.5, 23, 24.5, 26, 27.5 mm	250	155

BLOW CASE: W250 x D155 x H55 (mm)

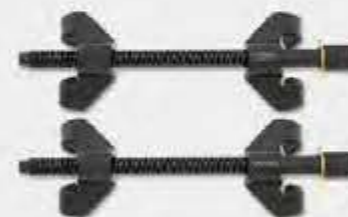
- Made of Chrome Molybdenum Steel
- Standard 1/2" square drive socket
- Impact-grade hardened and tempered socket
- 8-piece set fits small, medium, large lug nuts and locks
- Deep reverse-tapered internal threads to grip the locking wheel nut or stripped lock on most vehicles
- Removes factory and most aftermarket wheel lug nut lock without factory original key
- Thin wall design socket fit wheel lock diameter to prevent scratching wheels
- Suitable for use with 1/2" drive impact tools
- Black phosphate finish for extra corrosion resistance

**MacPherson Spring Dumper Extractor (Replaceable)**



- Spring compressors are multi-application tools specifically developed for MacPherson suspensions, using a range of 3 sets of interchangeable mono block forks / jaws
- The assembly / disassembly of the springs at all types of MacPherson strut
- For MacPherson shock absorber springs and equivalent shock absorber
- Application: BMW, Toyota, Ford, Mitsubishi, VW, Audi, Saab, Nissan, Honda, Accord, Subaru, Volvo, Opel and Porsche
- Material: Chrome Molybdenum Steel
- Spring Specification / Use Range:  
A: Ø 80 - Ø 115 mm B: Ø 110 - Ø 150 mm  
C: Ø 140 - Ø 195 mm
- Max. Load: 3,500 kgf
- Hand-operated tools

**2PCS Coil Spring Compressor Set** (CR-MO)



- Drop forged Chrome Molybdenum Steel jaws and lead screws (270mm)
- For use with 21mm wrench or 1/2" square drive tools
- Jaw design is suitable for use in confined areas under wheel arch
- The tool is designed to wrap coil claws for safety

ITEM NO.	MAX. JAW OPENING	W	H
JEAC0127	270 mm	1	6

**2PCS Coil Spring Compressor Set** (CR-MO)



- Drop forged Chrome Molybdenum Steel jaws and lead screws (370mm)
- For use with 21mm wrench or 1/2" square drive tools
- Jaw design is suitable for use in confined areas under wheel arch
- The tool is designed to wrap coil claws for safety

ITEM NO.	MAX. JAW OPENING	W	H
JEAC0137	370 mm	1	6



No impact / power drive.



**8PCS**  
Pressure Screw Bearing Separator Puller Set



• Pull out the bearing with the H-type beam and bolts

ITEM NO.	CONTENTS	2 (SET)
JGAD0801	1 Bearing Separator Set (Capacity 75 - 105mm)	
	2 Main Rod	
	3 Extension Rod	
	4 Beam	
	1 Central Bolt	
	1 Central Nut	
<b>METAL CASE: W447 x D188 x H53 (mm)</b>		

**12PCS**  
Bearing Separator Kit



• Pull out the bearing with the H-type beam and bolts

ITEM NO.	CONTENTS	3 (SET)
JGAD1201	1 Bearing Separator Set (Capacity 30 - 50mm)	
	1 Bearing Separator Set (Capacity 50 - 75mm)	
	4 Main Rod	
	4 Extension Rod	
	1 Beam	
	1 Central Bolt	
<b>METAL CASE: W447 x D188 x H53 (mm)</b>		

**Bearing Separator Set**

GR-MD



ITEM NO.	SIZE (mm)	EXTENSION ROD	1	20
JEAD0305	30 - 50	3/8" - 16T	1	20
JEAD0508	50 - 75	3/8" - 16T	1	12
JEAD0811	75 - 105	M12 x 1.75P	1	10
JEAD1115	105 - 150	5/8" - 11T	1	5



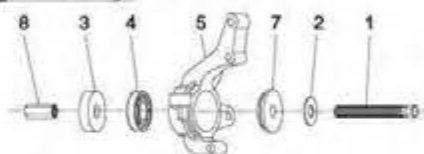
• JGAD1201

• JGAD0801

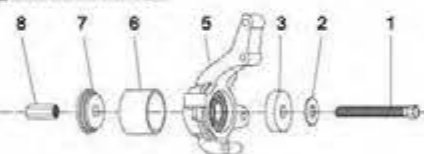
**24PCS**  
FWD Front Wheel Bearing Removal & Installation Tool Kit



**1 Assembly**



**2 Disassembly**



1	Screw
2	Washer
3	Bearing Cap
4	Bearing
5	Hub
6	Barrel
7	Barrel Cap
8	Adjusting Nut

ITEM NO.	JGAI2401	2 (SET)
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- Comprehensive kit for the removal and installation of front hub bearings
- Remove and replace front hub bearings without the need to dismantle the steering knuckle and strut assembly
- Works on most domestic and imported FWD cars and light trucks
- Black phosphate finish for corrosion resistance
- 14 sizes bearing cap diameter: 50, 55, 59, 63.3, 66.5, 70.3, 71.5, 73.1, 73.4, 74.8, 77.5, 81.5, 83.4, 88.4 mm
- 4 sizes barrel diameter: 76, 86, 91, 102 mm
- 2 sizes barrel cap diameter: 86, 102 mm
- Use with 27mm or 32mm wrench or socket

**BLOW CASE: W430 x D390 x H105 (mm)**

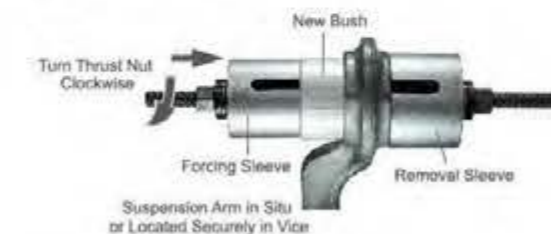
**27PCS**  
Universal Bearing and Bush Remove / Install Sleeve Kit



**1 Removal Bush**



**2 Installation Bush**



ITEM NO.	JGAI2701	1 (SET)
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- Designed for assembly & disassembly the bearing
- Ideal for extracting and inserting silent bearings, hydraulic bearings, bearing bushes, ball bearings, shaft seals, rubber bearings, seals, etc.
- Universal application for both on vehicle and hydraulic press
- Suitable for working on various vehicles, e.g. commercial cars, truck, van
- Each sleeves can be individually reworked
- Sleeves are slotted for easy viewing aperture during application
- Sets included, 5 threaded bars and thrust nuts in M10, M12, M14, M16 and M18 (Length: 350mm)
- 22 pcs pressure sleeves (outer Ø x inner Ø): 44x34, 46x36, 48x38, 50x40, 52x42, 54x44, 56x46, 58x48, 60x50, 62x52, 64x54, 66x56, 68x58, 70x60, 72x62, 74x64, 76x66, 78x68, 80x70, 82x72, 85x75, 90x80 mm

**BLOW CASE: W470 x D415 x H115 (mm)**

**Master Bearing Race and Seal Driver (Adjustable)**



**Fully Closed**



**Fully Opened**



- All in one design eliminates the need for a driver and several different heads
- Durable sturdy Aluminum construction with a steel capped striker shaft handle
- Designed for installing bearing race and seal without any damage during application
- 3-stepped jaws quickly adjust to accommodate bearing race and seals
- Locking screw holds the adjustable jaws in place for one hand use
- Suitable for most vehicles, including motorcycles

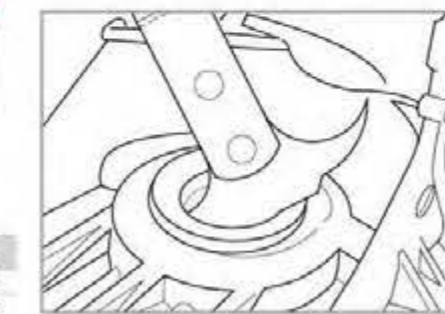
ITEM NO.	Total	JAWS RANGE (mm)			L (mm)	1	20
		Step 1	Step 2	Step 3			
JERC1050	9.5 - 50	9.5 - 23.5	23.5 - 36.5	36.5 - 50	176	1	48
JERC1890	18 - 90	18 - 53	41 - 76	54 - 90	210	1	20

**Heavy Duty Seal Puller**



- Removes oil & grease seals
- Two tips fit most application

ITEM NO.	LENGTH (mm)	12	48
JDAK0132	318 (12-1/2")		





**3-Function Tire Pressure Gauge**



**Variable Trigger & Control Position**  
Gauge Pressure / Measuring (Release)  
Release Air / Deflation (Press Halfway Down)  
Fill Air / Inflation (Press Down)

ITEM NO. JEAL160A 12 (SET)

- Multi-Function Tire Pressure Gauge: 1. Check Pressure 2. Inflation 3. Deflate
- Pressure Range: 0 - 160 psi, 0 - 11 bar
- Flexible 20" high pressure rubber hose with clip-on air tire chuck
- Variable trigger, two control position inflate / deflate level
- Simple and easy operation model
- Ideal for automotive tires
- Air Inlet: 1/4" PT

**PROFESSIONAL TIRE INFLATOR WITH GAUGE**

**3-Function Tire Pressure Gauge**



• Convenient Clip-On Tire Chuck

ITEM NO. JEAL220A 12 (SET)

- Multi-Function Tire Pressure Gauge: 1. Check Pressure 2. Inflation 3. Deflate
- Large and easy-reading 3-1/2" diameter gauge with protective rubber sleeve
- Pressure Range: 0 - 15 kg/cm<sup>2</sup>, 0 - 220 psi, 0 - 15 bar, 0 - 1500 kpa
- Aluminum die-casting body with H-D brass valves
- Flexible 20" high pressure rubber hose
- Clip-on air tire chuck design enables hands-free chuck use
- Variable trigger, two control position inflate/deflate level
- Simple and easy operation model
- Ideal for automotive tires especially truck tires
- Built in hang-up hook allows for easy storage
- Air Inlet: 1/4" PT

**3-Function Tire Pressure Gauge W/ Dual Tire Chuck**



• 10" Chrome Plated Steel Dual Chuck (Offset Dual Head Air Tire Chuck)

ITEM NO. JEAL220B 12 (SET)

- Multi-Function Tire Pressure Gauge: 1. Check Pressure 2. Inflation 3. Deflate
- Large and easy-reading 3-1/2" diameter gauge with protective rubber sleeve
- Pressure Range: 0 - 15 kg/cm<sup>2</sup>, 0 - 220 psi, 0 - 15 bar, 0 - 1500 kpa
- Aluminum die-casting body with H-D brass valves
- Flexible 40" high pressure rubber hose with 10" Chrome Plated Steel dual chuck
- Offset dual head air tire chuck allows easy access to all valves
- Variable trigger, two control position inflate/deflate level
- Simple and easy operation model
- Ideal for automotive tires especially truck tires
- Built in hang-up hook allows for easy storage
- Air Inlet: 1/4" PT

**Economy Handy Series Tire Pressure Gauge**



- Large and easy-reading 2" diameter gauge with protective rubber sleeve
- Pressure Range: 0 - 4 kg/cm<sup>2</sup>, 0 - 60 psi, 0 - 4 bar
- ABS plastic body, internal diaphragm construction for increasing the durability
- Equipped with 45° angle chuck and pressure reset button
- Built-in Air Bleeder Valve
- Simple and easy operation model
- Ideal for motorcycle or automotive tire
- Calibrated to ANSI B40.1 Grade B Accuracy Standards

ITEM NO. JEAP060A 12 48

ITEM NO.	Pressure Range	Diameter Gauge	12	48
JEAP060A	0 - 60 psi (0 - 4 kg/cm <sup>2</sup> , 0 - 4 bar)	2"	12	48

**Dual Tire Chuck**

- Chrome plated steel dual air tire chuck
- Offset dual head chuck allows easy access to all tire valve stems
- Ideal for automobile tires especially truck tires
- Comfort, Anti-slip plastic grip handle
- Air inlet: 1/4" PT
- Head I.D.: 8mm



ITEM NO.	LENGTH (mm)	12	100
JEAM0821	205 (8")	5	100
JEAM1437	370 (14")	5	100

**Tire Valve Core Torque Screwdriver**



- Design for removing and installing of valve cores
- Preset torque setting to prevent over torquing and reduce risk of damage on TPMS valves sensor cores
- Ergonomic comfort-grip handle with TPR material

ITEM NO.	TORQUE	LENGTH (mm)	24	96
JEBB0105	0.45 Nm (4.0 in-Lb)	150	24	96

**Tire Valve Installer**



- Steel constructed deep threaded head for positive sealing of all snap-in car tire valve stems
- 180 degree pivoting head design to provide leverage at any angle against wheels
- Simplifies installation of tire valve in tubeless wheels
- Pulls tire valve assembly through rim
- Protective rubber covering on the shaft to avoid damage and marking of alloy wheels
- Shaft is notched to accommodate various rim styles

ITEM NO.	LENGTH (mm)	6	48
JEBD0133	325	6	48

**Tire Valve Installer - Plastic Type**



- Steel constructed deep threaded head for positive sealing of all snap-in car tire valve stems
- 180 degree pivoting head design to provide leverage at any angle against wheels
- Simplifies installation of tire valve in tubeless wheels
- Pulls tire valve assembly through rim
- Elastic nylon handle to avoid damage and marking of alloy wheels
- The tire valve core removal tool is mounted at the end of the handle
- Shaft is notched to accommodate various rim styles

ITEM NO.	LENGTH (mm)	12	144
JEBD0234	335	12	144

**Brake Fluid Tester**

CE RoHS



- Designed for checking quality of brake fluid (DOT 4)
- Five LED to indicate the percentage of water in the brake fluid
- Quick & simple tool for testing brake fluid in most type of vehicles, trucks, motorcycles and etc.

ITEM NO.	LENGTH (mm)	10	100
JJDB0101	150	10	100





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**4PCS**  
Unique Compression Tester Kit (Petrol Engine)



- ITEM NO. JGAI0402** 6 (SET)
- Use to check cylinder compression to assist in the diagnosis of faulty valves, piston rings, cylinder heads, gaskets and etc.
  - Large, shock protected, easy-reading 2-1/2" diameter gauge with dual calibration 0 - 300 psi, 0 - 21 kg/cm<sup>2</sup>
  - Gauge head with pressure relief valve for repeated test of cylinder without removing gauge
  - 13" durable rubber extension hose with built in M14 adapter and one separate M18 adapter
  - 8" Heavy-Duty Aluminum extension tube with universal rubber cone adapter fits all plug holes

**BLOW CASE:** W260 x D170 x H60 (mm)

**13PCS**  
Compression Tester Set (Diesel Engine)



- ITEM NO. JGAI1302** 6 (SET)
- Comprehensive test kit for checking compression on both direct and indirect injection diesel engine vehicles
  - Large, shock protected, easy-reading 2-1/2" diameter gauge with dual calibration 0 - 1000 psi, 0 - 70 bar
  - Gauge head with built-in pressure relief valve for repeated test of cylinder without removing gauge
  - 15" flexible hose allows easy access to restricted plug and injector ports
  - Quick-connect coupler for easy and secure connection
  - Includes replacement seal & washer set
  - Applications: BMW, VW, Volvo, Renault, Fiat, Seat, Mercedes-Benz, Citroën, Opel, Peugeot, Daihatsu, Toyota, Nissan, Isuzu, Mazda, Mitsubishi, Ford, Vauxhall, Land Rover and etc.

**BLOW CASE:** W380 x D310 x H80 (mm)

**81PCS**  
Gasoline Engine Fuel Injection Pressure Tester Kit



- ITEM NO. JGAI8101** 2 (SET)
- Excellent fuel injection pressure test kit assists in identifying and diagnosing low fuel pressure, a faulty fuel pressure regulator, leaking injectors, fuel leaks and clogged fuel filters
  - Large, shock protected, easy-reading 3-1/2" diameter fuel pressure gauge with dual scale reading of 0 - 120 psi and 0 - 8 bar
  - Comprehensive kit of adapters and fittings for most fuel injection systems of American, Japanese, European vehicles including Multi-Port Fuel Injection (MPFI) system, GM TBI system and Bosch CIS system
  - Kit contains gauge, hose, adapters, tubing, manifolds, plugs plus repair kits of spare washers, seals, o-rings, clamps, fuel hose, bushes and other accessories
  - Applications: BMW, VW, Audi, Volvo, Saab, Ford, Chrysler, Fiat, Honda, Hyundai, Isuzu, Mazda, Porsche, GM, Mercedes-Benz, Peugeot, Suzuki, Toyota, Mitsubishi, Jeep and etc.

**BLOW CASE:** W380 x D430 x H160 (mm)

**7PCS**  
Multi-Port Fuel Injection Pressure Tester Kit



- ITEM NO. JGAI0703** 6 (SET)
- Excellent fuel injection pressure test kit assists in identifying and diagnosing low fuel pressure, a faulty fuel pressure regulator, leaking injectors, fuel leaks and clogged fuel filters
  - Large, shock protected, easy-reading 3-1/2" diameter fuel pressure gauge with dual scale reading of 0 - 150 psi and 0 - 1000 kPa
  - All adapters, gauge and hose assemblies feature a quick coupling system for speedy and efficient testing connection
  - For Multi-Port Fuel Injection (MPFI) system
  - Applications: American vehicles Ford, Chrysler, GM and etc.

**BLOW CASE:** W592 x D261 x H62 (mm)

**12PCS**  
Oil Pressure Tester Kit



- ITEM NO. JGAI1204** 6 (SET)
- Design to diagnose worn oil pumps and engines, faulty oil pressure switches and warning indicators
  - Large, shock protected, easy-reading 2-1/2" diameter gauge with dual calibration 0 - 150 psi, 0 - 10 bar
  - Gauge head with built-in pressure relief valve for quickly repeating test of oil pressure without removing gauge
  - Quick-connect coupler for easy and secure connection
  - 51" flexible hose allows easy access hard-to-reach places
  - Includes 90° coupling adapter and replacement seals
  - 10 screw adapters: R 1/8" DIN 2999, 1/8" x 27 NPT, 1/4" x 18 NPT, 3/8" x 20 UNF, 1/2" x 20 UNF, M10 x 1.0, M12 x 1.5, M14 x 1.5, M16 x 1.5, M18 x 1.5
  - Applications: Alfa Romeo, Audi, BMW, Citroën, Daihatsu, Fiat, Ford, Honda, Hyundai, Isuzu, Jaguar, Lada, Lancia, Mazda, Mercedes-Benz, Mitsubishi, Nissan, Opel, Peugeot, Renault, Rover, Saab, Skoda, Subaru, Suzuki, Toyota, Vauxhall, VW, Volvo, Zastava etc.

**BLOW CASE:** W360 x D310 x H80 (mm)

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**3PCS**  
Cooling System Vacuum Purge & Refill Kit



- ITEM NO. JGAI0302** 5 (SET)
- Check the leakage of original radiator cap and cooling system
  - Easy reading 2" diameter pressure gauge with dual scale reading of -76 - 0 cmHg and -1 - 0 bar
  - Vacuum leakage test for easy identification and prevent coolant spillage and wastage
  - Eliminates the introduction of bubbles and airlock into cooling system and deduct the time for refilling coolant
  - Kit includes a pressure gauge, connector, universal rubber cone-shape adapter, cooling hose and air bleeding hose
  - Applications: Almost all type of vehicles

**BLOW CASE:** W390 x D330 x H100 (mm)





**18PCS**  
Universal Radiator Pressure Tester Kit



**ITEM NO.** JGA11802 **4 (SET)**

- Check the leakage of original radiator cap and cooling system
- Hand pressure pump and leakage testing adapters made of hard and durable Nylon 66 material (PA66)
- Large and easy reading 2-1/2" diameter pressure gauge with protective rubber sleeve
- Pressure Range: 0 - 35 psi, 0 - 2.5 bar with pressure relief valve and quick coupler
- Color coded radiator leakage testing adapters for easy identification
- Kit includes a pressure testing pump with gauge, a thermometer needle, 13 radiator kits, 2 connectors and an adapter handle
- Applications: VW, Audi, Volvo, Saab, Mercedes-Benz, BMW, Renault, Porsche, Jaguar, Mitsubishi, Mazda, Toyota, Honda, Suzuki, Isuzu, Ford, GM, Chrysler, Fiat, Alfa Romeo, Lexus, Opel, Peugeot, Jeep, Land Rover, Citroën and etc.

BLOW CASE: W470 x D405 x H110 (mm)

**28PCS**  
Universal Radiator Pressure Tester & Vacuum Type Cooling System Kit

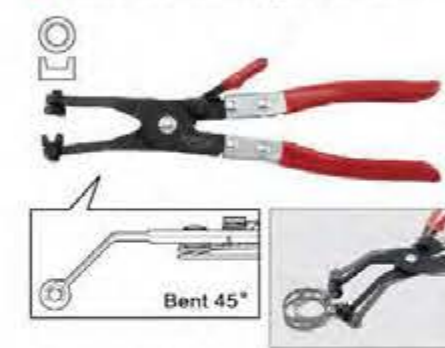


**ITEM NO.** JGA12801 **2 (SET)**

- Check the leakage of original radiator cap and cool system
- Hand pressure pump and leakage testing adapters made of hard and durable Nylon 66 material (PA66)
- Large and easy reading 2-1/2" pressure gauge and 2" vacuum pressure gauge
- Pressure range: 0 - 35 psi / 0 - 2.5 bar
- Vacuum pressure range: -76 - 0 cmHg / -1 - 0 bar
- Specially included vacuum purge & refill kit for easy identification and prevent coolant spillage and wastage
- Color coded radiator leakage testing adapters for easy identification
- Kit includes a pressure testing pump with gauge, vacuum pump, a thermometer needle, 20 radiator kits, 2 connectors, adapter handle, universal cone-shape adapter, coolant hose and exhaust hose
- Applications: VW, Audi, Volvo, Saab, Mercedes-Benz, BMW, Renault, Porsche, Jaguar, Mitsubishi, Mazda, Toyota, Honda, Suzuki, Isuzu, Ford, GM, Chrysler, Fiat, Alfa Romeo, Suzuki, Lexus, Opel, Peugeot, Jeep, Land Rover, Citroën and etc.

BLOW CASE: W600 x D510 x H110 (mm)

**Curved Hose Clamp Pliers**



• Finger tip "position lock" design for easy replacement of lower radiator hose  
• 45° bending design to fit clamps in deep position

ITEM NO.	LENGTH (mm)	6	48
JDAM039C	235 (9-1/4")	6	48

**Straight Tip Lock Ring Pliers**



• Used to spread snap rings found on brakes, pedal shaft, transmissions, clutch shafts, machine tools, and some piston rings  
• Jaws are scored on outside for secure gripping  
• Drop forged alloy steel, spring loaded joint, comfort grip handle

ITEM NO.	LENGTH (mm)	SPREAD (mm)	6	72
JDAP0109	215 (8-1/2")	25 (1")	6	72

**Angle Tip Lock Ring Pliers**



ITEM NO.	LENGTH (mm)	SPREAD (mm)	6	72
JDAP0209	215 (8-1/2")	25 (1")	6	72

**Hose Clamp Pliers**



• Finger tip "position lock" design for easy replacement of lower radiator hose

ITEM NO.	LENGTH (mm)	6	60
JDAM028E	215 (8-1/2")	6	60

**Flexible Hose Clamp Pliers**



• For replacement of fuel, oil and water hose  
• Hose clamp with flexible 630mm wire  
• Suitable to work in hidden areas and long distance

ITEM NO.	L1 (mm)	L2 (mm)	Max. Ø (mm)	12	36
JDAM0163	630	225	53	12	36

**3PCS Flexible Line Clamp Set**



ITEM NO.	CONTENTS	10 (SET)
JGAR0301	1 JDAY0119 Small Line Clamp Ø6 - 19mm (1/4" - 3/4") 1 JDAY0132 Medium Line Clamp Ø13 - 32mm (1/2" - 1-1/4") 1 JDAY0157 Large Line Clamp Ø19 - 57mm (3/4" - 2-1/4")	10 (SET)

**3 Way Hose Clamp Tool**



• Designed for releasing and refitting most of spring hose clamp  
• For use with 14mm wrench or 1/4" square drive tools  
• Suitable for using in confined space

ITEM NO.	CAPACITY (mm) A	CAPACITY (mm) B	L (mm)	10	100
JDAM0436	1.5 - 35	6.5 - 40	80	10	100
JDAM0460	1.5 - 60	6.5 - 65	105	10	100

**Fuel Line Connector Pliers**



• Suitable for removing or replacing fuel line connectors on fuel filter during engine service  
• The tip pliers can be easy to removal and replacement fuel line connector  
• Ergonomic comfort-grip handle  
• Applications: VW, Audi, Fiat, GM, Opel, Vauxhall, Mercedes-Benz and etc.

ITEM NO.	LENGTH (mm)	6	48
JDBY0109	230 (9")	6	48



**4PCS**  
Steel Line Stopper Set



- Expert quality, use on brake and fuel supply lines to prevent fluid leaks and contamination during service
- Spring loaded design for easy and fast operation
- Specifications: Banjo, 5/16" (8mm), 3/8" (9.5mm), and 1/2" (12.7mm)

ITEM NO.	CONTENTS		
JGAR0401	1 JDBZ0101 Banjo Line Stopper		
	1 JDBZ0102 1/2" (12.7mm) Line Stopper	24	48
	1 JDBZ0103 3/8" (9.5mm) Line Stopper		
	1 JDBZ0104 5/16" (8mm) Line Stopper		

**3-Jaw Fuel Gauge & Pump Sender Collar Wrench**



- Made of Chrome Molybdenum Alloy Steel
- Ideal for removing and fitting fuel gauge sender collars to avoid damage
- 3 jaws design to ensure holding power while decrease risk of damage the plastic collar
- Use with a 16mm wrench or socket
- Suitable for most collar from 89 to 170mm

ITEM NO.	CAPACITY Ø (mm)		
JDCB0117	89 - 170	1	12

**Steel Line Stopper Set (Twin Pack)**



- Expert quality, use on brake and fuel supply lines to prevent fluid leaks and contamination during service
- Spring loaded design for easy and fast operation
- Heavy-duty construction for the strength and durability
- 4 in 1 design: Suitable for Banjo, 5/16" (8mm), 3/8" (9.5mm), and 1/2" (12.7mm)

ITEM NO.	CONTENTS		
JGAR0203	2 JDBZ0201 4 IN 1 Steel Line Stopper	10	80

**Valve Spring Compressor**



- Reversible jaw adapter for multi-valve engines
- Dual size in adapter 25mm & 30mm adapter

ITEM NO.	CAPACITY (mm)		
JGAN0143	35 - 200	3	6

**Valve Spring Compressor Kit (One Man Operation Type)**



ITEM NO. JDAN0222 5 (SET)

- Easy for single use, operated by a thread bar to fix on right place
- Recessed pocket on valve pusher allows replacement retrieval of valve collets
- Complete service tool kit for installation and removal of the valve spring without removing the cylinder head from the engine
- Valve pusher size: Ø 22 mm
- Application: 12V, 16V, 20V, 24V engine

BLOW CASE: W570 x D240 x H60 (mm)

**7PCS**  
Valve Spring Compressor Kit

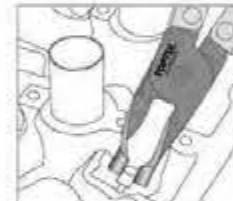


- 5 Interchangeable Driving Adapters: 16mm, 18mm, 21mm, 25mm, 30mm
- This tool kit is designed to compress and release valve spring after removing the collets
- Arched-type steel tube lever ensures a consistent coaxial contact with the valve
- Includes 5 interchangeable driving adapters to fit valve springs: 16mm, 19mm, 23mm, 25mm, 30mm
- Driving adapters are made of heat treated Chrome Molybdenum Steel
- 2 Length pressure screws: 50mm & 90mm
- Ideal to use on cars, motorcycles and small bore engines applications
- Hand-operated tool kit

ITEM NO.	CAPACITY (mm)	THROAT DEPTH (mm)		
JGAI0702	30 - 130	100	12	

BLOW CASE: W340 x D195 x H50 (mm)

**Valve Stem Seal Pliers**



- High quality metal Seal Removal Tool removes valve stem seals from overhead camshaft engines
- Valve pliers reach down around the valve stem into the confined area of the seal for easy removal
- Gripping serration in the pliers tip easily grabs both original equipment and aftermarket seals regardless of their configuration
- Jaws are serrated for a secure grip on the seal

ITEM NO.	LENGTH (mm)		
JDAT0109	245 (9-1/2")	6	48

**3PCS**  
Engine Cylinder Hone Replacement Stone Set



- For general purpose honing and glaze breaking
- Silicon carbide grinding stones bonded to holders
- Set includes 3pcs stones and collar pins

ITEM NO.	STONE DIMENSION	GRIT SIZE		
JLAF2201	1-1/8"(L) x 13/64"(W)	# 220	25	200
JLAF1804	4"(L) x 13/32" (W)	# 180	25	200

**Angular Torque Gauge**



- Full circle 360° angle scale. Clearly marked in 2 degree increments & in intervals of 10 & 30 degrees
- Adjustable arm keeps angle gauge scale stationary, wedge it against object while turning drive tool
- Accommodates 1/2" male and female square drive

ITEM NO.	DRIVE (inch)	Ø (mm)		
JDAW1602	1/2" (F) x 1/2" (M)	68	12	48

**2PCS**  
Valve Grinder Set



- For hand grinding flat head, unslotted valves
- Synthetic rubber vacuum cups are resistant to oil, grease and gasoline
- 2 pieces in blister card packing

Place grinding compound on valve face and put in seal. Put suction cup on valve head and turn handle between hands to grind.

ITEM NO.	CONTENTS		
JGAR0201	1 JDBQ2026 Valve Grinder Tool Cup diameters: 5/8", 13/16" (for smaller valves)	12	108
	1 JDBQ3644 Valve Grinder Tool Cup diameters: 1-1/8", 1-3/8" (for larger valves)		

**3-Leg Engine Cylinder Hone**



- Suitable to use with standard 1/4" or any electric drill. Use appropriate fluid for cutting lubricant. Interchangeable honing
- Designed for general purpose honing and glaze breaking of cylinders, bearing, bores and pipes
- Spread limiter and adjustable spring provide easily insert hone into cylinder, automatic center and wall alignment for full stone contact with cylinder walls
- Supplied complete with 3pcs grit stones
- Application: Automotive brake and clutch cylinders, engine cylinders of motorcycles, lawn mowers, outboard motors, hydraulic cylinders, machine and industrial engines and etc.

ITEM NO.	CAPACITY	GRIT SIZE	L (mm)		
JDBE0322	Ø 7/8" - Ø 2-3/4"	# 220	190 (7-1/2")	25	100
JDBE0718	Ø 2" - Ø 7"	# 180	300 (12")	10	40

**Angular Torque Gauge**



- Full circle 360° angle scale. Clearly marked in 2 degree increments & in intervals of 10 & 20 degrees
- With magnetic holder on the flexible reaction arm for the fixing point. Easier to anchor to the engine and keeps angle scale stationary
- Accommodates 1/2" male and female square drive

ITEM NO.	DRIVE (inch)	Ø (mm)	L (mm)		
JDAW1601	1/2" (F) x 1/2" (M)	63	480	15	30



**7PCS Diesel Injector Seat Cutter Set**



- Specially designed for cleaning and re-cutting injector seats for all common rail diesel engines
- To avoid "blow-by" occurring cause of possible build-up of carbon deposits and corrosion
- Application for all modern common rail diesel engines

ITEM NO.	CONTENTS	10 (SET)
JGAI0704	1 T-Handle Socket Wrench 19 mm	
	1 Pilot Post	
	1 Flat Reamer 15 x 19, 17 x 17, 17 x 19 mm	
	1 Angled Reamer 17 x 21 mm	
	1 Hex Key Wrench 2.5 mm	
BLOW CASE: W217x D165 x H60 (mm)		

**Diesel Injector Puller Tool Set**



- Designed for quick and easy removal of stubborn diesel injectors
- Suitable for Bosch & Lucas type diesel injectors
- Slide hammer mechanism completed with M8, M12/M14 adapters
- Includes M17 adapter for GM Vauxhall / Opel injectors (X20DTH / Y20DTH series engines)

ITEM NO.	CONTENTS	10 (SET)
JGAI0101	1 Slide Hammer Assembly	
	1 M8 x 0.75 Adapter	
	1 M12 x 1.5 & M14 x 1.5 Adapter	
	1 M17 x 0.75 Adapter	
BLOW CASE: W292x D116 x H57 (mm)		

**14PCS 3/8" DR. Master Oil Drain Plug Key Set**



- Popular keys for draining differentials, sumps, axles and gearboxes on most modern vehicles
- Drain plug keys made of hardened and tempered Chrome Vanadium Steel
- Suitable for use with 3/8" square drive tools
- Applications: BMW, Citroën, Fiat, Ford, Honda, Lancia, Mazda, Nissan, Mercedes-Benz, Peugeot, Renault, Toyota, Volvo, VW and etc.

ITEM NO.	CONTENTS	25 (SET)
JGAI1402	1 JDBF1208-1217 3/8" Dr. Oil Drain Plug Hexagon Key 8, 9, 10, 12, 14, 17 mm	
	1 JDBH1207-JDBH1213 3/8" Dr. Oil Drain Plug Square Key 7, 8, 11, 13 mm	
	1 JDBJ1210 & 1212 3/8" Dr. Oil Drain Plug Square Key 5/16" & 3/8"	
	1 JDBK1210 3/8" Dr. Oil Drain Plug Female Square Key 10 mm	
	1 JDBL1210 3/8" Dr. Oil Drain Plug Triangle Key 10 mm	
BLOW CASE: W220 x D90 x H47 (mm)		

**14PCS Master Oil Drain Plug Key Set**



- Popular keys for draining differentials, sumps, axles, gearboxes on most modern vehicles
- Drain plug keys made of hardened and tempered Chrome Vanadium Steel
- Suitable for use with 17mm wrenches or sockets
- Black phosphate finished
- Applications: BMW, Citroën, Fiat, Ford, Honda, Lancia, Mazda, Nissan, Mercedes-Benz, Peugeot, Renault, Volvo, VW and etc.

ITEM NO.	CONTENTS	15 (SET)
JGAI1403	1 JDCF1708-1717 Oil Drain Plug Hexagon Key 8, 9, 10, 12, 14, 17 mm	
	1 JDCG1712 Oil Drain Plug Hexagon Key 3/8"	
	1 JDCH1708-1713 Oil Drain Plug Square Key 8, 9, 10, 11, 12, 13 mm	
	1 JDCM1716 Oil Drain Plug Triple Square Tamperproof Key M16H	
BLOW CASE: W252x D120 x H40 (mm)		

**Oil Screw Socket (M16H)**



- Made of Chrome Vanadium Alloy Steel
- For removing and installing of the gearbox drain plug
- Operated by 17mm wrench or socket
- Applicable: Audi, VW oil screws and etc.

ITEM NO.	SIZE (mm)	DRIVE	SIZE (mm)	L (mm)	10	180
JDBB1617	17	M16H	38	10		180

**1/2" DR. Oil Drain Plug Socket**



- Made of expert quality, hardened and tempered Chrome Molybdenum Steel material
- A special 12 point (triple square) tamperproof socket used to remove the transmission drain plug
- Tamperproof design for removing and installing the oil release bolts/screws on the transmission and gearbox
- Application: Audi A4-A6, VW Passat, Porsche Boxster and etc.

ITEM NO.	DRIVE	SIZE (mm)	L (mm)	10	60
JDBC1616	1/2"	M16H	60	10	60

**Oil Service Wrench**



- Chrome Vanadium Steel Material
- Bent, size 8mm and 10mm outside male square
- Suitable for the removal of oil drain and filler plug on gearbox, sump and differential
- Applications: Citroën, Peugeot, Renault and etc.

ITEM NO.	SIZE (mm)	L (mm)	10	40
JEL-0810	8 x 10	230	10	40

**Strap Wrench**



- Special-purpose oil filter strap wrench
- One piece forged construction for maximum strength and durability
- Rubber coated on the strong woven strap to prevent slipping
- Perfect use for polished pipes, plastic pipes and fittings against with scratch damage or deformation

ITEM NO.	CAPACITY Ø (mm)	L (inch)	10	60
JJAH0902	30 - 160	9	10	60
JJAH1102	60 - 260	11	12	36

**Oil Filter Chain Wrench**



- Removes any oil filters up to 4-11/16" (120mm) diameter
- Chain style enables to grips oil filter tightly
- Use with 1/2" square drive tools or 13/16" (21mm) wrench

ITEM NO.	MAX. CAPACITY Ø (mm)	12	72
JDDA1612	120 (4-11/16")	12	72

**Heavy Duty Chain Wrench**



- Heavy duty heat treated chain
- Chrome Molybdenum Steel handle
- Serrated jaws allows sure ratcheting action in either direction
- Long steel handle for added leverage
- Cushioned soft grip allows a better grip and less hand fatigue
- Ideal for filter removal, turning larger pipes and holding pulleys

ITEM NO.	GRIPPING CAPACITY Ø (mm)	CHAIN LENGTH (inch)	HANDLE LENGTH (inch)	20	10
JJAH1203	13 - 152 (1/2" - 6")	20	12	20	
JJAH2003	76 - 172 (3" - 6-3/4")	24-1/2	20		10

**Nylon Strap Oil Filter Wrench**



- Removes any oil filters up to 6" (152mm) diameter
- Strong, non-slip nylon webbing strap
- Use with 1/2" square drive tools

ITEM NO.	MAX. CAPACITY Ø (mm)	12	48
JDAV1615	152 (6")	12	48

**Nylon Strap Oil Filter Wrench**



- Removes any oil filters up to 12" (300mm) diameter
- Strong, non-slip nylon webbing strap
- Use with 3/8" or 1/2" square drive tools

ITEM NO.	MAX. CAPACITY Ø (mm)	10	40
JDAV1630	300 (12")	10	40

**Chain Wrench**



ITEM NO.	CAPACITY Ø (mm)	L (inch)	25	50
JJAH0901	30 - 160	9	25	50

**Chain Wrench**



- Tempered and hardened high-grade tool steel chain and body
- Double-hinge construction for high clamping power
- Ratchet-style action design works in both directions
- Flexible handle enables to work in narrow spaces
- Non-slip, comfort plastic coating handles
- Ideal for automotive oil filter replacement
- Handle length: 230mm (9")

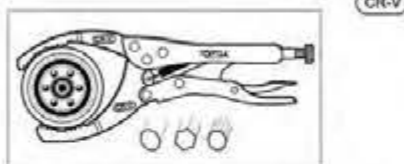


- Tempered and hardened high-grade tool steel chain and body
- Double-hinge construction for high clamping power
- Ratchet-style action design works in both directions
- Flexible handle enables to work in narrow spaces
- Non-slip, comfort plastic coating handles
- Ideal for automotive oil filter replacement
- Handle length: 230mm (9")

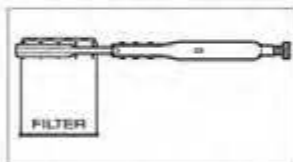
ITEM NO.	CAPACITY Ø (mm)	Chain Length (mm)	6	24
JDBA60A5R	60 - 105	350 (14")	6	24
JDBA60G0R	60 - 160	520 (20-1/2")	6	24



**Oil Filter Master Pliers**



**Multi-Purpose Pliers**  
Suitable for installing, removing and tightening objects of any shape.



This pliers can be adjusted and fastened for applications at any angle.

- High quality Chrome Vanadium Alloy Steel
- Professional heat treated and machined
- Adjustable locking pliers design filter wrench
- Nickel plated finish
- Jaws Opening Range: 2-1/8" to 4-5/8" (53mm - 118mm)

ITEM NO.	SIZE (inch)	12	48
DMAC1A10	10	12	48

**Oil Filter Pliers**



- Drop forged pliers body for strength
- 3-position slip-joint design
- Serrated jaws and long handles for extra grip

ITEM NO.	SIZE (inch)	CAPACITY Ø (mm)	10	40
JDAA1010	10	60 - 90 (2-3/8" - 3-1/2")	10	40
JDAA1212	12	57 - 110 (2-1/4" - 4-5/16")	10	40

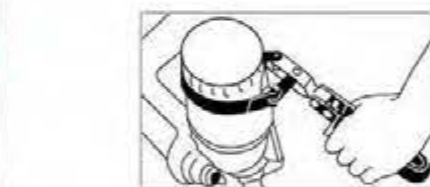
**Metal Strap Oil Filter Wrench**



- Band type filter wrench, adjustable by turning knob
- Steel strap with light, heavy duty Aluminum Alloy body and die-cast control knob
- Removes filters with minimal risk of damage
- Ideal for automotive oil filter replacement
- Suitable for one-hand operation in areas of restricted access

ITEM NO.	CAPACITY Ø (mm)	MAX. LENGTH (mm)	10	50
JDAZ65B0	65 - 110	290	10	50

**Professional Swivel Handle Oil Filter Wrench**



- Heavy duty oil filter wrench
- Swivel handle allows user to reach filters in hard to reach places
- Wide band securely grips filters without crushing
- Easy grip comfortable handle

ITEM NO.	CAPACITY Ø (mm)	6	36
JDAU6073	60 - 73 (2-3/8" - 2-7/8")	6	36
JDAU7385	73 - 85 (2-7/8" - 3-3/8")	6	36
JDAU8595	85 - 95 (3-3/8" - 3-3/4")	6	36
JDAU95B0	95 - 110 (3-3/4" - 4-3/8")	6	36

**Two Way Oil Filter Wrench**



- Remove oil filters from 66 - 94mm diameter
- Use with 3/8" square drive tool or 17mm wrench

ITEM NO.	CAPACITY Ø (mm)	6	36
JDAA0808	66 - 94	6	36

**Two Way Oil Filter Wrench**



- Special serrated design for easy to grip filter without slipping
- Installed springs, ideal for assisting user to hold filter quickly
- Use with 1/2" square drive tool

ITEM NO.	CAPACITY Ø (mm)	● (mm)	6	36
JDCA0108	60 - 80	21	6	36
JDCA0112	80 - 115	22	1	8
JDCA0114	115 - 140	24	1	4

**3-Legged Oil Filter Wrench**



- Filter Capacity: 65 - 120mm (2-1/2" to 4-3/4")
- Removes all sizes of oil filters from 65 to 120mm in diameter
- Use with 1/2" or 3/8" square drive tool or 21mm wrench/socket
- Suitable for most cars and light trucks

ITEM NO.	CAPACITY Ø (mm)	12	48
JDAI65A2	65 - 120 (2-1/2" - 4-3/4")	12	48

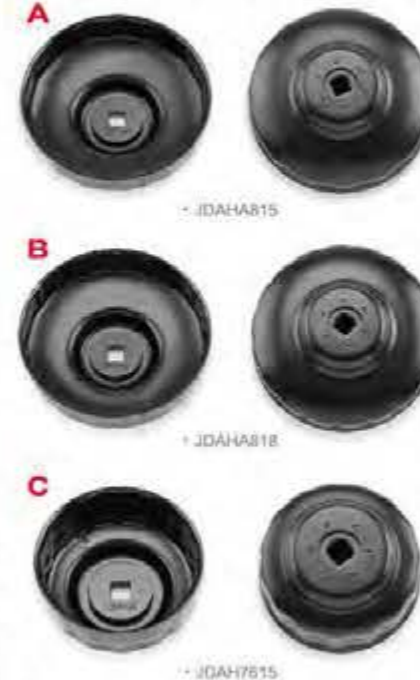
**Cup Type Oil Filter Wrench (For 4-Cylinder TOYOTA Engines)**



- Robust Aluminum Alloy Die-Casting
- For 4-cylinder petrol or diesel engines from 1.8L to 2.0L
- Designed for quickly installation and dismantling of the oil filter cover during the oil filter insert
- Multiple contact points engaged the housing cap to grip oil filter securely
- Use with 3/8" square drive tool or 27mm wrench/socket
- Application: TOYOTA-Allion, Auris, Corolla Axio, Isis, Ist, Corolla Rumion, Corolla Fielder, Noah, Premio, Prius, Voxy, Wish, etc.

ITEM NO.	SIZE (mm)	FLUTES	10	40
JDDH6500	64.5	14	10	40

**Cup Type Oil Filter Wrench**



**14PCS Automotive Cup Type Oil Filter Wrench Set**

**Cup Type Oil Filter Wrench (For 4-, 6- and 8-Cylinder TOYOTA Engines)**



- Robust Aluminum Alloy Die-Casting
- For 4-, 6- and 8-cylinder diesel engines
- Designed for quickly installation and dismantling of the oil filter cover during the oil filter insert
- Multiple contact points engaged the housing cap to grip oil filter securely
- Use with 3/8" square drive tool or 27mm wrench/socket
- Application: TOYOTA- (2007-2008 V6, Corolla-(2007-2009) 4cyl, Tundra-(2007) 8cyl, Sequoia-(2008) 8cyl, Land Cruiser-(2008-2010) 8cyl, 4Runner-(2008-2010) 4cyl, 8cyl, LEXUS- (2006)- all vehicles, (2007) ES350, GS350, GS450h, LS460, RX350, (2008) LS600h L, (2009) LX570

ITEM NO.	SIZE (mm)	FLUTES	10	40
JDDH6501	64.5	14	10	40



TYPE	ITEM NO.	SIZE (mm)	FLUTES	12	72
A	JDAH6414	64 (2-1/2")	14	12	72
	JDAH6514	65 (2-9/16")	14	12	72
	JDAH6814	68 (2-11/16")	14	12	72
	JDAH7314	73 (2-7/8")	14	12	72
	JDAH7415	74 (2-29/32")	15	12	72
	JDAH7608	76 (3")	8	12	72
	JDAH7614	76 (3")	14	12	72
	JDAH8015	80 (3-9/64")	15	12	72
	JDAH8616	86 (3-3/8")	16	12	72
	JDAH9016	90 (3-17/32")	15	12	72
	JDAH9210	92 (3-40/64")	10	12	72
	JDAH9315	93 (3-21/32")	15	12	72
	JDAHA015	100 (4")	15	12	72
	JDAHA815	108 (4-11/64")	15	12	72
JDAHA815	108 (4-8/32")	15	12	72	
B	JDAH6606	66 (2-19/32")	6	12	72
	JDAH7612	76 (3")	12	12	72
	JDAH7630	76 (3")	30	12	72
	JDAH8618	86 (3-3/8")	18	12	72
	JDAH9336	93 (3-21/32")	36	12	72
	JDAH9345	93 (3-21/32")	45	12	72
	JDAH9618	96 (3-3/4")	18	12	72
	JDAHA818	108 (4-8/32")	18	12	72
	JDAH7615	74 - 76 (2-29/32" - 3")	15	12	72
	JDAH7715	75 - 77 (2-15/16 - 3-1/32")	15	12	72



- TOPTUL cup-type oil filter wrenches are made of gauge construction and are able to withstand up to 85 ft-lbs of torque applied. The cup-design grip functions as a socket minimizing the possibility of crushing filters and fits both 3/8" and 1/2" (adapter) square drive tool. The cups are coated with electro-black oxide finish for long life protection against rust
- Suitable for Japanese Vehicles

ITEM NO.	CONTENTS	6 (SET)
JGAI1401	1 64mm (2-1/2") - 14 Flutes-1 Step 1 65mm (2-9/16") - 14 Flutes-1 Step 1 66mm (2-11/16") - 14 Flutes-1 Step 1 73mm (2-7/8") - 14 Flutes-1 Step 1 74mm (2-29/32") - 15 Flutes-1 Step 1 74 - 76mm (2-29/32 - 3") - 15 Flutes-2 Step 1 76mm (3") - 30 Flutes-1 Step 1 75 - 77mm (2-15/16 - 3-1/32") - 15 Flutes-2 Step 1 80mm (3-9/64") - 15 Flutes-1 Step 1 90mm (3-17/32") - 15 Flutes-1 Step 1 93mm (3-21/32") - 15 Flutes-1 Step 1 93mm (3-21/32") - 36 Flutes-1 Step 1 100mm (4") - 15 Flutes-1 Step 1 Adapter - 1/2"(F) x 3/8"(M) Drive	6 (SET)

**16PCS Automotive Cup Type Oil Filter Wrench Set**



- Suitable for European Vehicles

ITEM NO.	CONTENTS	5 (SET)
JGAI1601	1 66mm (2-19/32") - 6 Flutes-1 Step 1 74 - 76mm (2-29/32" - 3") - 15 Flutes-2 Step 1 76mm (3") - 8 Flutes-1 Step 1 76mm (3") - 12 Flutes-1 Step 1 76mm (3") - 14 Flutes-1 Step 1 86mm (3-3/8") - 16 Flutes-1 Step 1 86mm (3-3/8") - 18 Flutes-1 Step 1 92mm (3-40/64") - 10 Flutes-1 Step 1 93mm (3-21/32") - 15 Flutes-1 Step 1 93mm (3-21/32") - 45 Flutes-1 Step 1 96mm (3-3/4") - 16 Flutes-1 Step 1 106mm (4-11/64") - 15 Flutes-1 Step 1 108mm (4-8/32") - 15 Flutes-1 Step 1 108mm (4-8/32") - 18 Flutes-1 Step 1 3-Legged Oil Filter Wrench - 65 to 120mm (2-1/2" - 4-3/4") 1 Adapter - 1/2"(F) x 3/8"(M) Drive	5 (SET)



**BMW VANOS Unit Sprocket Extractor / Installer**



- Suitable for the BMW twin camshaft engines M42, M44, M50, M52, S50 and S52 with VANOS unit
- For turning sprockets when removing and installing VANOS Unit

ITEM NO.	L (mm)	W (mm)	H (mm)
JDDP1765	170	12	48

TOPTUL  
AUTO TOOLS - Engine Series

**8PCS BMW Engine Timing Tool Set**



ITEM NO. JGAI0803 10 (SET)

- A specific tool set for adjustment and arresting of twin camshaft on petrol engine
- Suitable for checking and adjustment of camshaft timing
- Removal, installation and alignment of VANOS Units
- Application:  
BMW 118i E81/82/87/88 (04-12) / 120i E81/82/87/88 (04-12) / 316i Compact E46 (01-07) / 318i E90/91/92/32 (05-12) / 318i Compact E46 (01-07) / 320i E90/91/92/93 (05-12) / 520i E60/61 (07-10) / X1 sDrive 18i E84 (10-12) / X1 xDrive 18i E84 (10-12) / X3 2.0 E83 (05-10) / Z4 2.0 E85/86 (04-09)
- Engine Code:  
N42/N46/N46T-B18, B18A, B20, B20A, B20B, B20BD, B20BZ, B202

BLOW CASE: W330 x D235 x H50 (mm)

Part No.	Description	Q'ty
A	Vanos Alignment Plate	1
B	Camshaft Setting Plate Securing Screw	1
C	Camshaft Setting Plate (Inlet)	1
D	Camshaft Setting Plate (Exhaust)	1
E	Timing Chain Tensioner Pre-Load Tool	1
F	Camshaft Turning Tool	1
G	Flywheel TDC Locking Pin	1
H	Crankshaft Alignment Pin	1



**18PCS BMW Engine Timing Tool Set**



ITEM NO. JGAI1803 5 (SET)

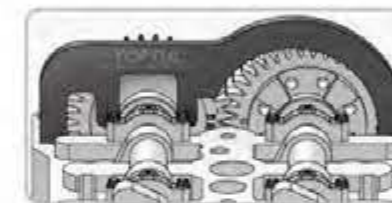
- A specific tool set for adjustment and arresting of twin camshaft on petrol engine
- Suitable for installing and removal of inlet camshaft and carrier assembly
- Removal, installation and replacement of VANOS Units
- Use with TOPTUL JGAI0803 (8PCS BMW Engine Timing Tool Set)
- Application:  
BMW 118i E81/82/87/88 (04-12) / 120i E81/82/87/88 (04-12) / 316i Compact E46 (01-07) / 318i E90/91/92/32 (05-12) / 318i Compact E46 (01-07) / 320i E90/91/92/93 (05-12) / 520i E60/61 (07-10) / X1 sDrive 18i E84 (10-12) / X1 xDrive 18i E84 (10-12) / X3 2.0 E83 (05-10) / Z4 2.0 E85/86 (04-09)
- Engine Code:  
N42/N46/N46T-B18, B18A, B20, B20A, B20B, B20BD, B20BZ, B202

BLOW CASE: W450 x D320 x H55 (mm)



Part No.	Description	Q'ty
A	Camshaft / Carrier Bracket Mounting Fixture	1
B	Torsion Spring Remover / Installer	1
C	Inlet Camshaft Securing Tool (Rear)	1
D	Mounting Fixture Support - Long	3
E	Mounting Fixture Support - Short	1
F	Intermediate Lever Clamp Set	8
G	Inlet Camshaft Securing Tool (Front)	1
H	Inlet Camshaft Securing Tool (Front) Lock	1
I	Bolt and Nut	1

**5PCS BMW Engine Timing Tool Set**



Part No.	Description	Q'ty
A	Flywheel Locking Pin	1
B	Crankshaft Turning Tool	1
C	1/2" DR. Hex Socket	1
D	Camshaft Setting Plate	1
E	HP Pump Sprocket Retaining Tool	1

ITEM NO. JGAI0501 10 (SET)

- A specific tool set for adjustment and arresting of twin camshaft on diesel engines
- Suitable for checking and adjustment of camshaft timing
- Pump pulley removal tool included
- Application:  
BMW: 116d E81/82/87/88 (08-12) / 118d E81/82/87/88 (07-14) / 120d E81/82/87/88 (07-14) / 123d E81/82/87/88 (07-14) / 316d E90/91/92/93 (09-12) / 318d E90/91/92/93 (07-12) / 320d E90/91/92/93 (07-12) / 325d E90/91/92/93 (10-14) / 330d / xd E90/91/92/93 (08-14) / 520d E60/61 (07-10) / 525d F10/11 (10-12) / 530d F10/11 (10-13) / 530dGT F07 (09-12) / 535d F10/11 (10-12) / 535dGT F07 (10-12) / 730d/Ld F01/02/04 (08-12) / 740d F01/02/04 (09-12) / 740d xDrive F01/02/04 (09-12) / X1 sDrive 18d E84 (09-12) / X1 sDrive 20d E84 (09-12) / X1 xDrive 18d E84 (09-14) / X1 xDrive 20d E84 (09-12) / X1 xDrive 23d E84 (09-12) / X3 2.0d E83 (07-10) / X3 xDrive 18d E83 (08-10) / X3 xDrive 30d E83 (11-12) / X5 3.0d E70 (10-12) / X5 xDrive 40d E70 (10-13) / X6 xDrive 30d E71/72 (10-14) / X6 xDrive 40d E71/72 (10-14)
- Mini: Clubman (10-14) / Clubvan (12-14) / Countryman (10-14) / Mini (10-14) / Paceman (13-14) / Roadster (12-14)
- Engine Code: N47/N47S-C16K1, C16U1, C20K1, C20U1, D20A, D20B, D20C0, D20T0, D20U0 / N57-D3000, D3001, D30T0, D30U0

BLOW CASE: W216 x D185 x H51 (mm)

**10PCS Mini / PSA Engine Timing Tool Set**



ITEM NO. JGAI1004 5 (SET)

- A specific tool set for adjustment and arresting of twin camshaft petrol engine
- Suitable for checking and adjustment of camshaft timing
- Removing, installing and replacement of VANOS Units
- Application:  
Mini: Mini One R56 (07-10) / Mini R56/R57 (07-15) / Cooper R55 (06-10) / Cooper R56 (07-10) / Cooper S R55/R56 (06-10) / Clubvan R55 (12-14) / Clubvan R60 (12-14) / Clubman R55 (10-14) / Clubman R60 (10-14) / Countryman R55 (07-10) / Countryman R60 (10-16) / R58 Coupe (11-15) / R59 Roadster (12-15) / Roadster R61 (13-15) / Paceman R61 (13-16)
- Citroën: C4 (08-11) / C4 Picasso (08-13)
- Peugeot: 207 (06-11) / 207CC (07-14) / 308 (07-14) / 3008 (09-14) / 5008 (09-14)
- Engine Code:  
Mini: N12 / N14 / N16  
Citroën / Peugeot: EP3 (8F5) / EP3C (8F01) / EP6 (5FW) / EP6C (5F01) / EP6CDT (5F04) / EP6DT (5F1/5FX) / EP6DTS (5FY)

BLOW CASE: W328 x D268x H72 (mm)



Part No.	Description	Q'ty
A	Flywheel Locking Pin	1
B	Exhaust Camshaft Setting Tool	1
C	Inlet Camshaft Setting Tool (N12 / N16 / EP3 / EP6)	1
D	Inlet Camshaft Setting Tool Assembly E (N14 / EP6DT / DTS)	1
E	Inlet Camshaft Setting Tool Assembly D (N14 / EP6DT / DTS)	1
F	Timing Chain Tensioner Pre-Load Tool	1
G	Socket Head Screws	3
H	Screw Bolt	1



**12PCS VW / Audi Diesel Engine Timing Tool Set**



Part No.	Description	Q'ty
A	Crankshaft Adjuster	1
B	H.P. Pump Locking Pin	1
C	Balance Shaft Locking Pin	1
D	Camshaft Locking Pin	2
E	Crankshaft Locking Pin	1
F	Camshaft Adjuster	1
G	Camshaft Sprocket Adjuster	1
H	Crankshaft Adjuster	1
I	Tensioner Retaining Pin	4
J	Tensioner Retaining Pin	3
K	H.P. Pump Sprocket Remover	1

ITEM NO. JGAI1203

10 (SET)

- A specific tool set for adjustment and arresting of timing chain on VW / Audi diesel engines
- Suitable for position engine shafts such as camshafts, injection pump shafts and crankshafts
- Application: VW Group 2.7/3.0 TDI V6 & 4.0/4.2 TDI V8 Diesel engine in: Audi - A4/ A5/ A6/ A6 Allroad/ A8/ Q5/ Q7 VW - Phaeton / Touareg
- Engine Code: V6 Engines - ASB, BKN, BKS, BMK, BMZ, BNG, BPP, BSG, BUG, BUN, CAMA, CAMB, CANA, CANB, CANC, CAND, CAPA, CARA, CARB, CASA, CASB, CASC, CATA, CCMA, CCWA, CCWB, CDYA, CDYB, CDYC, CEXA, CGKA, CGKB
- V8 Engines - ASE, BTR, BVN, CCFA

BLOW CASE: W300 x D207 x H62(mm)

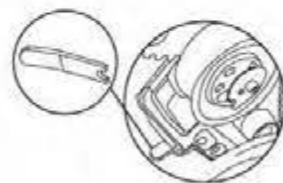
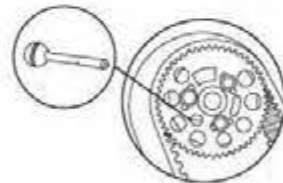
**Crankshaft Locking Tool**

3PCS

Crankshaft Timing Belt Pulley Locking Tool Set



• Marking on the right of the locking screw



• Marking on the right of the locking screw



- Special design to lock the crankshafts on VW, Audi, Seat, Skoda, 2.0 TDI engine and etc.

ITEM NO.	LENGTH (mm)	50	100
JDBR2065	65	50	100

ITEM NO. JGAR0302

5 (SET)

- A specific engine timing tool set for Audi, VW, Seat and Skoda TDI PD and V6 engines
- Contents: Injection Pump Locking Pin, Tensioner Locking Tool, Crankshaft Locking Tool

**Timing Belt Tensioner Adjustment Tool**

**Audi / VW Belt Pulley Reaction Wrench**

**Audi / VW Belt Pulley Reaction Wrench (deep-drawn type)**



- Steel construction
- 2-pin timing belt tensioner tool
- Pin Diameter: 3mm
- Offset design
- Useful for camshaft spur belt tension adjustment
- Application: VW, Audi and etc.

ITEM NO.	LENGTH (mm)	PIN DIAMETER (mm)	20	80
JDBP1703	172	3	20	80



- Designed for locking on water-pump pulley
- Easy loosening of stubborn screws on the water-pump pulley
- 1/2" square drive in the handle to allow extension of the tool
- Application: Audi 80/A4, VW Golf, Polo, Passat and etc.

ITEM NO.	L (mm)	INNER DIAMETER Ø (mm)	SCREW DIAMETER Ø (mm)	14	10	40
JDBX0115	250	32	14	10	40	



- Used for locking deep-drawn water-pump pulley
- Easy loosening of stubborn screws on the water-pump pulley
- Ideal for Audi and Volkswagen vehicle's engine when air conditioning is also built in
- Comfortable plastic grip handle
- Application: Audi, VW and etc.

ITEM NO.	L (mm)	INNER DIAMETER Ø (mm)	SCREW DIAMETER Ø (mm)	14	10	40
JDBX0241	300	31	14	10	40	

**Injection Pump Wrench**

11PCS

Universal Pulley Holder & Fan Clutch Set



- Chrome Vanadium Steel material
- 90° angle for leverage
- Professional quality for maximum durability and corrosion resistance
- Single Box-End Wrench for repair toothed belt or adjust the injection starts, injection pump removal and locking screws
- Applications: 1.6L 4-cyl. Diesel engine Audi 80, VW Golf, Jetta, Caddy, Passat, Santana, Citroën

ITEM NO.	SIZE (mm)	L (mm)	10	160
JDBW1316	13	160	10	160



ITEM NO. JGAI1101

10 (SET)

- Designed for holding crankshaft and injection pump pulley
- Total Length 520mm provides optimal lever for tightening and loosening bolt
- Includes 4 pairs inter-changeable screw bolts (Bolt size: Ø6, Ø8, Ø10, Ø16mm)
- Suitable for most type vehicles

BLOW CASE: W710 x D105 x H55 (mm)

**Pulley Removing Wrench**

• JDAF1437: V-Belt Pulleys



• JDAG1437: Poly-V Belt Pulleys



- To lock the pulley during removing or assembling any type of pulley retaining bolt
- High flexibility outperforms the traditional standard strap or chain wrench, and will not damage components
- Ideal for water pump, alternator pulleys and various electric motor pulleys of compressors, washing machines, tool machines and etc.
- Also suitable to rotate the cam shaft when timing the engine and to remove oil and gasoline filters



JDAF1437 V-Belt Pulleys

1. Cord Tension: Low elongation soft cord is highly resistant to tension and resulting in better power transmission.
2. RB Rubber: Fiber-contained rubber is greatly resistant to abrasion and breakage.



JDAG1437 Poly-V Belt Pulleys

1. Cover Fabric: Flexible fabric material is resistant to breakage and high temperature and oil-based substances.
2. Cord Tension: Low elongation soft cord is highly resistant to tension and resulting in better power transmission.
3. RB Rubber: Fiber-contained rubber is greatly resistant to abrasion and breakage.

ITEM NO.	CAPACITY Ø (mm)	LENGTH (mm)	12	36
JDAF1437	40 - 140	365 (14 - 3/8")	12	36
JDAG1437	40 - 140	365 (14 - 3/8")	12	36



**Spline Alternator Combination Bit Socket (M10)**



- The two-part alternator socket allows easy removal and replacement of the free-wheel drive pulley at the alternator
- This tool allows the alternator to be locked by the M10 spline bit socket insert and enables the central locking bolt of the pulley to be loosened or tightened by the serrated reaction nut
- Use with 17mm wrench
- 33 teeth hexagonal reaction nut, O.D. 19.5mm
- Applications: BMW, VW, Audi, Ford, Skoda, Mercedes-Benz, Porsche, Renault and etc.

ITEM NO.	DRIVE	SIZE	Teeth	● (mm)	L (mm)	📏	📦
JDCD3310	1/2"	M10	33	17	110	10	60

**Star Alternator Combination Bit Socket (T50)**



- The two-part alternator socket allows easy removal and replacement of the free-wheel drive pulley at the alternator
- This tool allows the alternator to be locked by the T50 star bit socket insert and enables the central locking bolt of the pulley to be loosened or tightened by the serrated reaction nut
- Use with 17mm wrench
- 33 teeth hexagonal reaction nut, O.D. 19.5mm
- Applications: Mercedes-Benz, Renault and etc.

ITEM NO.	DRIVE	SIZE	Teeth	● (mm)	L (mm)	📏	📦
JDCD3350	1/2"	T50	33	17	110	10	60

**V-Belt Pulley Remover**



- Made of Chrome Vanadium Alloy Steel
- Special design to stop the pulley and remove the centre bolts for removing and installing the V-belt pulley at the generator
- Use with 17mm wrench and spline bit socket (M10) to remove and install the socket
- Applicable: VW Golf 3, Vento, Passat, Audi A3, Volvo and etc.

ITEM NO.	Teeth	● (mm)	O.D. Ø (mm)	I.D. Ø (mm)	L (mm)	📏	📦
JDBD3317	33	17	19.5	11.8	30	10	180

**22PCS Radial Seal Removal and Installation Kit**



- Comprehensive tool kits for easy removing and installation camshaft and crankshaft seals on engine without damaging new seals
- Compact puller with specialized hook for quick removal the cams seals
- Allows the crank seal to be replaced without dismantling the crank case and avoid scraping the crank surface
- Suitable for all pressed radial seal
- Kits services seal sizes from 27mm to 58mm
- Set includes 1 pc puller, 2 sets of puller hooks (length): 73, 119 mm, 1 pc installer plate, 7 pcs blue seal adapters for mounting of radial sealing rings (outer Ø x inner Ø): 27.6x21.6, 33.6x27.5, 41.9x36.0, 45.9x40.0, 48.9x43.0, 56.0x50.3, 64.0x58.0 mm, 4 pcs large silver space adapters to compensate the differences in length of central screw (length): 10, 18, 22, 27 mm, 7 pcs small silver bolt adapters for normal central bolts (inner Ø): 8, 10, 12, 14, 16, 18, 20 mm

BLOW CASE: W445 x D190 x H45 (mm)

**13PCS Alternator Pulley Remover Kit**



- Designed for the easy removal of alternator free-wheel drive pulleys either on or off the vehicle
- Locks the alternator, allowing the central locking bolt of the pulley to be released
- Applications: BMW, VW, Audi, Mercedes-Benz, Renault, Ford, Porsche, Fiat and etc.

ITEM NO.	CONTENTS	12 (SET)
JGAI1301	<ul style="list-style-type: none"> <li>Spline Alternator Combination Bit Socket (W/33 Teeth Hex Reaction Nut) 1/2" Dr. x M10, L=110mm, Hex: 17mm</li> <li>Star Alternator Combination Bit Socket (W/33 Teeth Hex Reaction Nut) 1/2" Dr. x T50, L=110mm, Hex: 17mm</li> <li>10mm Hex Shank Hexagon Bits 8mm &amp; 10mm (L=75mm)</li> <li>10mm Hex Shank Star Bits T40 &amp; T50 (L=75mm)</li> <li>10mm Hex Shank Spline Bits M8 &amp; M10 (L=75mm)</li> <li>Quick Change Bit Holder 1/2" Dr. x 10mm (Hex)</li> <li>33 Teeth Hex Reaction Nut Hex: 17mm, O.D. 19.5mm, I.D. 11.8mm L=30mm</li> <li>33 Teeth Hex Reaction Nut Hex: 22mm, O.D. 19.5mm, I.D. 11.8mm L=30mm</li> <li>Hexagon Reaction Nut Hex: 22mm, I.D. 11.8mm L=32mm</li> <li>4 Pin Round Reaction Nut with Hex Tip Hex: 17mm, O.D. 35mm, I.D. 11.8mm L=37mm</li> </ul>	
BLOW CASE: W245 x D145 x H45 (mm)		

**Mechanic's Stethoscope**

- A mechanic's stethoscope is a sensitive instrument. It can be fitted with a variety of ends, including needle probes and rubber trumpets, specially designed for automotive use.



- Effectively locating trouble spots within the engine block
- Listen for trouble by tracing sound of flowing water, oil, gas or steam
- Use to quickly identify piston slap, worn gears, faulty valves, water pump failure, damaged gaskets and defective bearings
- Ideal for pinpointing the source of noises in engines, transmissions, differentials and bearings as well as the unusual vibrations or suspected leaks
- Aluminum Alloy probe extends to 275mm (10-13/16") allows safe access to hard to reach spots
- Supplied with rubber trumpet for user quick checking vacuum and pressure flow
- Flexible tubing and shockproof PP material plastic sound conduction

ITEM NO.	JDAX0102	12
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**Deep Star Sockets (Cylinder Head Bolt Tool)**



- Chrome Vanadium Steel Material
- Specially designed for removing and installing the cylinder head bolts
- Spring-ball locking design can hold the bolt tightly during operation
- Applications: BMW, Mercedes-Benz, Opel, Vauxhall and etc.

DRIVE	ITEM NO.	SIZE	L (mm)	📏	📦
1/2"	BAEJ1612	E12	140	8	80
	BAEJ1614	E14	140	8	80

**Ribe Bit Sockets (Cylinder Head Bolt Tool)**



- Chrome Vanadium Steel socket, S2 steel Bit
- Specially designed for use on VW and Audi cylinder head bolts

DRIVE	ITEM NO.	SIZE	L (mm)	📏	📦
1/2"	BCYA1610S	M10S	100	10	160
	BCYA1610	M10S	140	10	100

**Battery Pole and Terminal Cleaner**

- Wire brushes remove corrosion build-up on battery pole and terminals for improved electrical contact
- The external brush cleans cable clamps, and the internal brush battery poles
- Metal case battery brush



ITEM NO.	LENGTH (mm)	📏	📦
JDBV3964	64	12	72

**Piston Ring Compressor**



ITEM NO.	HEIGHT (inch)	CAPACITY (mm)	📏	📦
JAAA1303	3	53 - 125	30	60
JAAA1804	4	90 - 175	30	60
JAAA1806	6	90 - 175	20	40

**Piston Ring Pliers**



- Made of high grade special tool steel
- For installing and removing piston rings
- Bright nickel-plated

ITEM NO.	CAPACITY Ø (mm)	L (mm)	📏	📦
JABA0510	50 - 100	215	12	48
JABA0812	80 - 120	225	12	48
JABA1116	110 - 160	255	12	48

**Piston Ring Groove Cleaning Tool**



- Quick and reliable removal of carbon deposits from piston ring grooves
- Suitable for piston sizes from Ø51mm to Ø127mm
- Three 6-bladed cutters cover all major piston ring grooves
- Blade #1: 1/16", 5/64", 3/32", 1/8", 5/32", 3/16"
- Blade #2: 2, 2.5, 3, 4, 4.5mm & 1/4"
- Blade #3: 1.2, 1.5, 1.8, 2.8, 5, 5.5mm

ITEM NO.	PISTON DIAMETER (mm)	L (mm)	📏	📦
JDCV0205	51 - 127 (2" - 5")	290	12	48



**56PCS**  
Professional Threaded Coil-Insert Repair Kit (For Spark Plug Thread)



- Ideal for repairing and restoring damaged spark plug thread
- Completed set for easy and quick repairs of spark plug, thread insert size - M10, M12, M14
- Each size includes Stainless Steel Screw Coils, Thread Tap & Coil Shielding Collar, Coil Installation Shank and Hex Key Wrench

ITEM NO.	CONTENTS	10 (SET)
JGAI5601	<ul style="list-style-type: none"> <li>Stainless Steel Screw Coil Inserts</li> <li>15PCS - M10 x 1.0mm x 3/8" (L=9.5mm)</li> <li>15PCS - M12 x 1.25mm x 3/4" (L=19mm)</li> <li>18PCS - M14 x 1.25mm x 7/16" (L=11mm)</li> </ul>	
	1 Install Main Tool (P-type)	
	2 Thread Taps	
	M10 x 1.0mm, M12 x 1.25mm, M14 x 1.25mm	
	3 Coil Shielding Collar	
	M10, M12, M14	
	4 Coil Installation Shank	
	M10, M12, M14	
	5 Hex Key Wrench	
	BLOW CASE: W296x D296 x H62 (mm)	



**10PCS**  
Professional Threaded Coil-Insert Repair Kit (For Spark Plug Thread)



- Ideal for repairing and restoring damaged spark plug thread
- For most commonly used metric bolt size M14, suitable for machine construction, engine repair and other automotive applications.

ITEM NO.	CONTENTS	30 (SET)
JGAI1003	<ul style="list-style-type: none"> <li>Install Main Tool (P-type)</li> <li>2mm Hex Key Wrench</li> <li>HSS Thread Tap</li> <li>M14 x 1.25mm</li> <li>Coil Shielding Collar</li> <li>M14</li> <li>Coil Installation Shank</li> <li>M14</li> <li>Stainless Steel Screw Coil Inserts</li> <li>M14 x 1.25mm x 7/16" (L=11mm)</li> </ul>	
	BLOW CASE: W250 x D128 x H41 (mm)	

**3/8" DR. Deep Spark Plug Socket** (CR-V)     **Spark Plug Gap Gauge (Coin Type)**



- Rubber insert for positive plug protection and retention
- Professional quality, 12-point deep sockets manufactured from hardened and tempered Chrome Vanadium Steel
- Designed for easy installation or removal of the deep-seated (deeply recessed) spark plugs
- Fitted with a rubber insert for plug protection and retention
- Knurled finger grips for hand starting
- Polished chrome plated

DRIVE	ITEM NO.	SIZE (mm)	L (mm)	D (mm)	10 (SET)
3/8"	BSBA1214S	14	90	20	10
	BSBA1214L	14	250	19	10



- Coin-type ramp gauge design to measure all type spark plug gaps easily
- Flanged hole design to adjust side wire without damaging center electrode
- Dual marked for both Imperial and Metric

ITEM NO.	Measuring Range	24	288
JDBU0210	0.020" - 0.100" (0.6 - 2.4mm)		

**3PCS**  
3/8" DR. Glow Plug Socket Set (CR-V)



- 6-point socket made of hardened and tempered Chrome Vanadium Steel
- Internal rubber retaining ring for positive retention of plug in socket
- 180° universal joint design allows easy access in confined engine bays
- Suitable for the removal and replacement of glow plugs in most popular diesel engines
- Matt chrome plated finish
- Application: Mercedes-Benz, Audi, VW, Opel, Fiat and etc.

ITEM NO.	CONTENTS	15 (SET)
JGAI0301	<ul style="list-style-type: none"> <li>JDBM1208-JDBM1212</li> <li>3/8" Dr. Glow Plug Sockets (75mmL)</li> <li>8, 10, 12 mm</li> </ul>	
	BLOW CASE: W120 x D81 x H36 (mm)	

**3/8" DR. Oxygen Sensor Socket (Low Profile Offset)** (CR-MO)



- Made of Chrome Molybdenum Steel, heat treated, black oxide finish
- Remove & install sensors on computerized engine control vehicles
- 3/8" DR. 7/8" (22mm) 6PT socket with cutaway length 30mm portion for wire clearance
- Offset design for confined areas

ITEM NO.	SIZE (mm)	L (mm)	25	100
JDAR1222	22	30		

**1/2" DR. Oxygen Sensor Socket** (CR-V)



- Made of Chrome Vanadium Steel, heat treated, black oxide finish
- Remove & install sensors on computerized engine control vehicles
- 1/2" DR. 1-1/16" (27mm) 12PT socket with cutaway portion for wire clearance

ITEM NO.	SIZE (mm)	L (mm)	10	100
JDAQ1627	27	78		

**1/2" DR. Heated Oxygen Sensor Socket** (CR-MO)



- Made of heat treated, durable Chrome Molybdenum Alloy Steel
- Remove & install sensors on computerized engine control vehicles
- 7/8" (22mm) Hex, 1/2" Square Drive (double square for easy access)
- Socket with cutaway portion for wire clearance
- Offset design for confined areas
- Material: CR-MO
- Finish: Black oxide

ITEM NO.	SIZE (inch)	L (mm)	10	100
JDAR0122	7/8	50		

**3/8" DR. Oxygen Sensor Vacuum Switch Socket** (CR-V)



- Made of heat treated Chrome Vanadium Steel
- Install and removes oxygen sensors and vacuum switches on computerized engine control vehicles
- 22mm (7/8") 6-point socket with cutaway slot provides extra clearance for sensor wires
- Use with 3/8" square drive tools or 1" end wrench on the external hex
- Black phosphate finish for added corrosion resistance

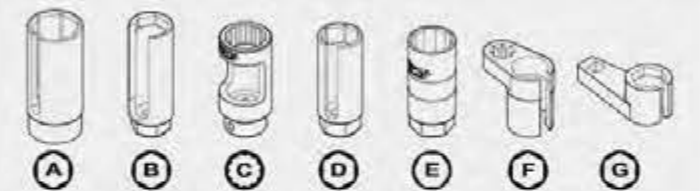
ITEM NO.	SIZE (mm)	L (mm)	12	72
JDAQ0122	22	90		

**1/2" DR. Oxygen Sensor Socket** (CR-MO)



ITEM NO.	SIZE (mm)	L (mm)	20	80
JDAQ1622	22	85		

**7PCS**  
Sensor & Sending Unit Socket Set



- Set contains 7 assorted sockets for removal and installation of Oxygen Sensor, Oil Pressure Sending Units and Vacuum Switches
- Specially designed tools to use and work on a variety of vehicles
- Sockets are made of heat treated, durable Chrome Vanadium Alloy Steel (A-E) and Chrome Molybdenum Alloy Steel (F&G)

ITEM NO.	CONTENTS	DRIVE	SIZE (inch)	L (mm)	10 (SET)
JGAI0701	<ul style="list-style-type: none"> <li>JDA0129</li> <li>Oil Pressure Sending Unit Socket</li> <li>JDA0122</li> <li>Universal Vacuum PVS, TVS Valve and Oxygen Sensor Socket</li> <li>JDAQ1627</li> <li>GM Thermal Sensor Switch Socket</li> <li>JDAQ0222</li> <li>Oxygen Sensor Socket</li> <li>JDA0227</li> <li>Oil Pressure Sending Unit Socket</li> <li>JDAR0122</li> <li>Heated Oxygen Sensor Socket</li> <li>JDA0222</li> <li>Low Profile Offset Oxygen Sensor Socket</li> </ul>				
		1/2"	1-3/16 (29mm)	90	
		3/8"	7/8	90	
		1/2"	1-1/16 (27mm)	78	
		3/8"	7/8	80	
		3/8"	1 & 1-1/16	74	
		1/2"	7/8	50	
		3/8"	7/8	30	

BLOW CASE: W232 x D203 x H54 (mm)



**Cotter Pin Puller**

CR-V



ITEM NO.	L1 (mm)	L (mm)	W	H
JJAK0101	125	235	5	40

**Radiator Hose Remover**

CR-V



ITEM NO.	L1 (mm)	L (mm)	W	H
JJAK0201	80	190	5	40

**4PCS**

**Miniature Hook & Picks Set**

SUS



ITEM NO.	CONTENTS	W	H	L	W	H
GAAR0401	JJAK0301 Mini - Awl JJAK0303 Mini - Hook JJAK0304 Mini - Bent Tip 45° JJAK0302 Mini - Bent Tip 90°	10	(SET)			

**Scraper**

CR-V



ITEM NO.	L1 (mm)	L (mm)	W	H
JJAJ0813	125	245	5	40

**Door Upholstery Remover**

CR-V



ITEM NO.	L1 (mm)	L (mm)	W	H
JJAE1011	110	230	5	40

**Door Upholstery Remover**

CR-V



• Blade made from special high quality SVCM tool steel  
• Rugged tool with a large comfortable bi-component PP+TPR plastic handle  
• Removes plastic door panel fasteners without breakage

ITEM NO.	L1 (mm)	L (mm)	W	H
JJAE0612	115	225	5	40

**Door Upholstery Remover**

CR-V



• For plastic upholstery fasteners  
• Place tool under edge of door panel and insert into fastener as then simply pry up

ITEM NO.	L1 (mm)	L (mm)	W	H
JJAE0812	120	245	10	40

**Radiator Hose Remover**

CR-V



• Ideal for pulling out hose or removing stickers, o-ring and seals  
• Unique hose blade design for easy using in confined space  
• Rugged tool with a large comfortable bi-component PP+TPR plastic handle

ITEM NO.	L1 (mm)	L (mm)	W	H
JJAK0425	130	245	5	40

**Radiator Hose Remover**

CR-V



• Ideal for pulling out hose or removing stickers, o-ring and seals  
• Unique hose blade design for easy using in confined space  
• Rugged tool with a large comfortable bi-component PP+TPR plastic handle

ITEM NO.	L1 (mm)	L (mm)	W	H
JJAK0525	130	245	5	40

**Stainless Steel Putty Knife (Flexible Scraper)**

SUS



ITEM NO.	BLADE SIZE (W x L) (mm)	BLADE THICKNESS (mm)	W	H
JDAB3205	32 x 100	0.5	10	180
JDAB5005	50 x 100	0.5	10	180
JDAB7605	76 x 100	0.5	8	144

**Stainless Steel Bolstered Scraper**

SUS



ITEM NO.	BLADE SIZE (W x L) (mm)	BLADE THICKNESS (mm)	W	H
JDAD3218	32 x 100	1.8	10	180
JDAE3218	32 x 100	1.8	10	180
JDAD5018	50 x 100	1.8	10	180

**Stainless Steel Pinchweld Scraper**

SUS



ITEM NO.	BLADE SIZE (W x L) (mm)	BLADE THICKNESS (mm)	W	H
JDAD3225	32 x 100	2.5	10	180
JDAC2012	20 x 50	1.2	10	180
JDAC2025	20 x 50	2.5	10	180
JDAD3212	32 x 100	1.2	10	180

**3PCS**

**Stainless Steel Putty Knife Set**



ITEM NO.	CONTENTS	W	H	L	W	H
JGAT0301	1 JDAB7605 - 76 x 100 x 0.5 mm 1 JDAB5005 - 50 x 100 x 0.5 mm 1 JDAB3205 - 32 x 100 x 0.5 mm	20	(SET)			

**3PCS**

**Stainless Steel Bolstered Scraper Set**



ITEM NO.	CONTENTS	W	H	L	W	H
JGAT0302	1 JDAD5018 - 50 x 100 x 1.8 mm Straight Blade 1 JDAE3218 - 32 x 100 x 1.8 mm Bent Blade 1 JDAD3218 - 32 x 100 x 1.8 mm Straight Blade	20	(SET)			

**4PCS**

**Stainless Steel Pinchweld Scraper Set**



ITEM NO.	CONTENTS	W	H	L	W	H
JGAT0401	1 JDAD3212 - 32 x 100 x 1.2 mm 1 JDAC2012 - 20 x 50 x 1.2 mm 1 JDAC2025 - 20 x 50 x 2.5 mm 1 JDAD3225 - 32 x 100 x 2.5 mm	20	(SET)			



**Light Dinging Spoon**



ITEM NO.	W (mm)	H (mm)	L (mm)	W	H
JFCA0127	48	58	250	12	72

**Drip Moulding Spoon**



ITEM NO.	W (mm)	H (mm)	L (mm)	W	H
JFCD0124	49	70	235	6	12

**Double Blade Spoon**



ITEM NO.	W (mm)	H (mm)	L (mm)	W	H
JFCC0140	58	172	401	4	8
JFCC0251	59	179	510	2	8

**Flat Spoon**



ITEM NO.	W (mm)	H (mm)	L (mm)	W	H
JFCB0125	30	99	250	12	46
JFCB0229	51	68	286	6	24



// Curved Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Weight (kg)	Volume (L)
JFBA0108	58	70	80	4	12

// Curved Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Weight (kg)	Volume (L)
JFBI0113	58	45	133	8	12

// Large End Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Weight (kg)	Volume (L)
JFBE0113	70	125	90	4	16

// Heel Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Weight (kg)	Volume (L)
JFBJ0108	61	30	79	6	24

// Angle Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Weight (kg)	Volume (L)
JFBF0111	59	16	108	8	24

// Round Peen End Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Weight (kg)	Volume (L)
JFBC0113	44	Ø54	125	6	24

// Double End Round Dolly



ITEM NO.	W (mm)	L (mm)	Weight (kg)	Volume (L)
JFBD0106	Ø56	58	6	12

// Toe Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Weight (kg)	Volume (L)
JFBG0112	58	29	121	6	12

// Anvil Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Weight (kg)	Volume (L)
JFBE0215	67	146	139	2	12

// Utility Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Weight (kg)	Volume (L)
JFBH0107	70	64	70	6	12

// Thin Toe Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Weight (kg)	Volume (L)
JFBG0212	55	24	118	6	24

// Dome Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Weight (kg)	Volume (L)
JFBE0315	61	30	155	2	16

// Double End Hand Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Weight (kg)	Volume (L)
JFBD0208	62	75	66	6	12

// Grid Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Weight (kg)	Volume (L)
JFBG0312	58	30	120	6	12

// Anvil Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Weight (kg)	Volume (L)
JFBB0110	72	62	102	4	16

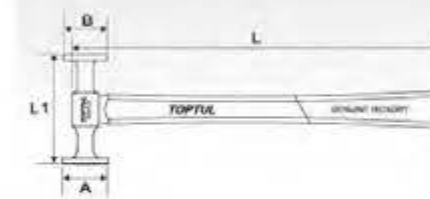
// Shrinking Dolly



ITEM NO.	W (mm)	H (mm)	L (mm)	Weight (kg)	Volume (L)
JFBG0412	58	29	120	6	12

**DOLLY**

**HAMMER**



// Light Bumping Hammer - Flat Face



ITEM NO.	A (mm)	B (mm)	L1 (mm)	L (mm)	Weight (kg)	Volume (L)
JFAA0333	Ø32	25 x 25	91	325	6	36

// Pick & Finishing Hammer - Crowned Face



ITEM NO.	A (mm)	L1 (mm)	L (mm)	Weight (kg)	Volume (L)
JFAC0333	Ø40	138	325	6	36

// Heavy Shrinking Hammer - Flat Face + Shrink Milled Square Face



ITEM NO.	A (mm)	B (mm)	L1 (mm)	L (mm)	Weight (kg)	Volume (L)
JFAR0133	Ø40	38 x 38	100	325	6	36

// Light Bumping Hammer - Crowned Face



ITEM NO.	A (mm)	B (mm)	L1 (mm)	L (mm)	Weight (kg)	Volume (L)
JFAA0433	Ø32	25 x 25	91	325	6	36

// Curved Pein & Finishing Hammer - Crowned Face



ITEM NO.	A (mm)	L1 (mm)	L (mm)	Weight (kg)	Volume (L)
JFAC0233	Ø40	140	325	6	36

// Light Shrinking Hammer - Flat Face + Milled Square Face



ITEM NO.	A (mm)	B (mm)	L1 (mm)	L (mm)	Weight (kg)	Volume (L)
JFAB0233	Ø40	38 x 38	100	325	6	36

// Reverse Curve Hammer - Crowned Face



ITEM NO.	A (mm)	B (mm)	L1 (mm)	L (mm)	Weight (kg)	Volume (L)
JFAA0533	Ø29.5	25.5 x 25.5	104	325	6	36

// Straight Pein & Finishing Hammer - Crowned Face



ITEM NO.	A (mm)	L1 (mm)	L (mm)	Weight (kg)	Volume (L)
JFAC0133	Ø40	141	325	6	36

// Standard Bumping Hammer - Flat Face



ITEM NO.	A (mm)	B (mm)	L1 (mm)	L (mm)	Weight (kg)	Volume (L)
JFAA0133	Ø40	38 x 38	100	325	6	36

// 7PCS Professional Grade Auto Body Repair Tool Set

**AUTO BODY REPAIR**



- Professional quality meets industrial standards
- Drop forged tool steel dollies, heat treated, includes Utility Dolly, Curved Dolly, Heel Dolly and Toe Dolly
- Drop forged tool steel hammers, selected hickory, includes Pick & Finishing Hammer, Light Shrinking Hammer and Standard Bumping Hammer
- Easy latch case holds all tools securely in place and provides excellent tool protection

ITEM NO.	CONTENTS	Weight (kg)
GAAI0702	1 JFAB0233 - Light Shrinking Hammer (Flat Face + Milled Square Face) 1 JFAA0133 - Standard Bumping Hammer (Flat Face) 1 JFAC0333 - Pick & Finishing Hammer (Crowned Face) 1 JFBI0113 - Curved Dolly 1 JFBG0112 - Toe Dolly 1 JFBJ0108 - Heel Dolly 1 JFBH0107 - Utility Dolly	3 (96L)

BLOW CASE: W478 x D234 x H100 (mm)



**Heavy Duty Clamp**



- Single-way pull operation
- Bolt Size: Ø19mm x 140mm(L)
- Gripping Surface: 46mm (wide) / 21mm (deep)
- Material: Drop Forged Chrome Molybdenum Alloy Steel

ITEM NO.	Pulling Capacity (tons)	CR	MO
JFDA0105	5	1	6

**Big Mouth Clamp**



- Single-way pull operation
- Bolt Size: Ø14mm x 120mm(L)
- Gripping Surface: 37mm (wide) / 15mm (deep)
- Material: Drop Forged Chrome Molybdenum Alloy Steel

ITEM NO.	Pulling Capacity (tons)	CR	MO
JFDB0103	3	1	6

**Frame Rack Clamp (Two-Way)**



- Two-way pull operation
- The special puller design used with plate increases tool durability
- Bolt Size: Ø17mm x 72mm(L)
- Gripping Surface: 118mm (wide) / 18mm (deep)
- Material: Drop Forged Chrome Molybdenum Alloy Steel

ITEM NO.	Pulling Capacity straight way (tons)	Pulling Capacity cross way (tons)	CR	MO
JFDE0205	5	3	1	6

**Box Clamp**



- Single-way pull operation
- Two sides of the jaws are different in order to fit the confined space
- Bolt Size: Ø14mm x 120mm(L)
- Gripping Surface: 37mm (wide) / 15mm (deep)
- Material: Drop Forged Chrome Molybdenum Alloy Steel

ITEM NO.	Pulling Capacity (tons)	CR	MO
JFDB0303	3	1	6

**Box Clamp (Two-Way)**



- Two-way pull operation
- Bolt Size: Ø14mm x 120mm(L)
- Gripping Surface: 37mm (wide) / 15mm (deep)
- Material: Drop Forged Chrome Molybdenum Alloy Steel

ITEM NO.	Pulling Capacity straight way (tons)	Pulling Capacity cross way (tons)	CR	MO
JFDB0203	3	2	1	6

**Frame Rack Clamp**



- Single-way pull operation
- The special puller design used with plate increases tool durability
- Bolt Size: Ø17mm x 72mm(L)
- Gripping Surface: 118mm (wide) / 18mm (deep)
- Material: Drop Forged Chrome Molybdenum Alloy Steel

ITEM NO.	Pulling Capacity (tons)	CR	MO
JFDE0105	5	1	6

**Small Mouth Pull Clamp**



- Single-way pull operation
- Perfect to use in the confined space
- Bolt Size: Ø17mm x 80mm(L)
- Gripping Surface: 44mm (wide) / 24mm (deep)
- Material: Drop Forged Chrome Molybdenum Alloy Steel

ITEM NO.	Pulling Capacity (tons)	CR	MO
JFDC0105	5	1	6

**Mini Clamp (Two-Way)**



- Two-way pull operation
- Bolt Size: Ø12mm x 44mm(L)
- Gripping Surface: 37mm (wide) / 12mm (deep)
- Material: Drop Forged Chrome Molybdenum Alloy Steel

ITEM NO.	Pulling Capacity straight way (tons)	Pulling Capacity cross way (tons)	CR	MO
JFDF0203	3	2	1	10

**Double Hook Clamp (Double Claw Hook)**



- Body repair chain joint with double claw hooks
- For use as a chain shortener or chain connector
- Use with 5/16", 3/8" chains
- Material: Drop Forged Chrome Molybdenum Alloy Steel

ITEM NO.	Pulling Capacity (tons)	CR	MO
JFEA0106	6	1	10

**Thin Edge Mouth Clamp**



- Single-way pull operation
- Perfect to use in hard to reach places
- Spring-loaded for easy opening
- Bolt Size: Ø12mm x 65mm(L)
- Gripping Surface: 33mm (wide) / 27mm (deep)
- Material: Drop Forged Chrome Molybdenum Alloy Steel

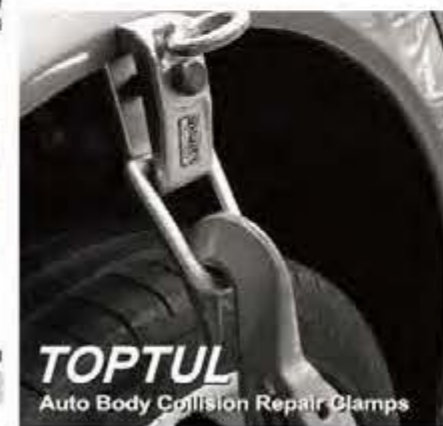
ITEM NO.	Pulling Capacity (tons)	CR	MO
JFDD0105	5	1	12

**Small Mouth Pull Clamp (Two-Way)**



- Two-way pull operation
- Perfect to use in the confined space
- Bolt Size: Ø17mm x 80mm(L)
- Gripping Surface: 44mm (wide) / 24mm (deep)
- Material: Drop Forged Chrome Molybdenum Alloy Steel

ITEM NO.	Pulling Capacity straight way (tons)	Pulling Capacity cross way (tons)	CR	MO
JFDC0205	5	2	1	6



**TOPTUL**  
Auto Body Collision Repair Clamps

**Slide Hammer Dent Puller Set**



ITEM NO. JGA1202 2 (SET)

- Features: Commonly used tool set to use on body panel and vehicle chassis. Designed to work on body repair, chassis, bumper ends, fender edge, door, door edge...etc. or other unique pulling applications. Heavy duty slide hammer action with 10 lbs hammer and various attachments; Slide Shaft, Slide Hammer, Washer, Slide Shaft Handle, Flat Pipe, Large Hook Type Plate, Small Hook Type Plate, 90 Angle Thick Hook Plate, 90 Angle Thin Hook Plate, Two Hole Pipe, Flat Plate, Chain & Hook, Screw Puller to suit different pulling jobs.

BLOW CASE: W600 x D210 x H100 (mm)

**KIT CONTENT**



Part No.	Description	Qty
1	Slide Shaft	1
2	Slide Hammer	1
3	Flat Pipe	1
4	Large Hook Type Plate	1
5	Small Hook Type Plate	1
6	90 Angle Thick Hook Plate	1
7	90 Angle Thin Hook Plate	1
8	Two Hole Pipe	1
9	Flat Plate	1
10	Chain & Hook	1
11	Screw Puller	1
12	Washer	1
13	Slide Shaft Handle	1





**Self-Locking Multi-Grip Pliers with Wide Flat Jaws**



- Chrome Molybdenum Alloy Steel Jaw
- Clamps lap joints allowing four consecutive spot welds without tool removal
- Suitable for spot welding and auto-body repair works
- Easy one-handed push button release

ITEM NO.	JAW ADJUSTMENT (mm)	L (mm)	W (mm)	H (mm)
DMA1A08	0 - 12	200	12	24

**Self-Locking Multi-Grip Pliers with Wide Curved Jaws**



- Chrome Molybdenum Alloy Steel Jaw
- Clamps two butt or adjacent joints
- Enables to work in tight spots
- Easy one-handed push button release

ITEM NO.	JAW ADJUSTMENT (mm)	L (mm)	W (mm)	H (mm)
DMAK1A09	0 - 10	215	12	36

**Self-Locking Multi-Grip Pliers with Straight Jaws**



- Chrome Molybdenum Alloy Steel Jaw
- Allows to work in narrow areas
- Easy one-handed push button release

ITEM NO.	JAW ADJUSTMENT (mm)	L (mm)	W (mm)	H (mm)
DMAM1A08	0 - 18	195	6	36

**Self-Locking Multi-Grip Pliers with Double Curved Jaws**



- Chrome Molybdenum Alloy Steel Jaw
- Clamps two flanged lapped or adjacent joints
- Suitable for auto-body repair works
- Easy one-handed push button release

ITEM NO.	JAW ADJUSTMENT (mm)	L (mm)	W (mm)	H (mm)
DMAJ1A09	0 - 10	230	12	24

**Self-Locking Multi-Grip Pliers with Angled Jaws**



- Chrome Molybdenum Alloy Steel Jaw
- Clamps two flanged lap joints
- Enables to work in tight spots
- Easy one-handed push button release

ITEM NO.	JAW ADJUSTMENT (mm)	L (mm)	W (mm)	H (mm)
DMAL1A09	0 - 15	210	6	36

**Plugweld Locking Pliers**



- Solid copper pad on fixed jaw prevents burn-through when plug welding thin sheet-metal panels
- Weld does not stick to copper which also allows for quick cooling
- U-shape bottom jaw provides even pressure around welding spot
- Quick-release level easily unlocks the pliers

ITEM NO.	JAW ADJUSTMENT (mm)	L (mm)	W (mm)	H (mm)
DMAH1A10	0 - 50	250	10	50

**Trim Clip Removal Pliers**



- For quick removing staples, clips, door panels, fascia and trim supports without damage
- Wide nose design to prevent breaking or tearing panels when undoing facings
- Designed for accessing difficult to reach places
- Made of Chrome Molybdenum Steel, black pliers head, comfort grip handle
- Total length: 240mm (9-1/2")

ITEM NO.	LENGTH (mm)	W (mm)	H (mm)
JJAN0109	240 (9-1/2")	12	36

**Trim Removal Wedge**



- Made from high impact resistant nylon material to minimize scratches
- Smooth tapered design simplifies insertion
- Hang-up design for convenient storage
- Place tool under edge of panel or trim to remove trims and internal fittings

ITEM NO.	SIZE(L x W x H) mm	W (mm)	H (mm)
JJAP1219	190 x 30 x 23	8	128

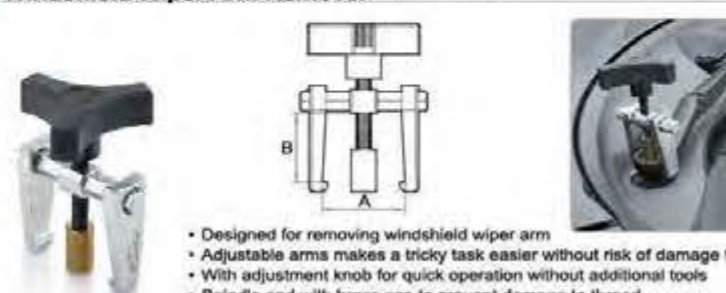
**Windshield Wiper Arm Puller**



- Designed for removing windshield wiper arm
- Avoid damage to the bodywork and wiper assembly
- Simple hook feet can easy access in confined spaces
- With adjustment knob for quickly operation

ITEM NO.	Jaw Size A (mm)	B (mm)	C (mm)	W (mm)	H (mm)	L (mm)
JFFA0116	15.5	23.4	28	M8 x 1.25 x 48	12	6 72

**Windshield Wiper Arm Remover**



- Designed for removing windshield wiper arm
- Adjustable arms makes a tricky task easier without risk of damage to the wiper arm
- With adjustment knob for quick operation without additional tools
- Spindle end with brass cap to prevent damage to thread

ITEM NO.	A min. / max. (mm)	B (mm)	W (mm)	H (mm)	L (mm)
JFFB0142	15 - 42	37	M8 x 1.25 x 43	6	72

**Single Vacuum Suction Cup Lifter**



- Sturdy plastic handle with rubber suction cup
- Suitable for flat and non-porous surface materials, e.g., glass, tiles, sheet metal, marble

ITEM NO.	CUP DIAMETER (mm)	LIFTING CAPACITY (kg)	W (mm)	H (mm)
JJBD1112	120	40	6	48

**Double Vacuum Suction Cup Lifter with Flexible Head**



- Sturdy plastic handle with two rubber suction cups
- Adjustable handle design for curved surface
- Ideal for transporting and positioning of windshields during fitting

ITEM NO.	CUP DIAMETER (mm)	LIFTING CAPACITY (kg)	W (mm)	H (mm)
JJBD2212	120	65	4	8

**4PCS Windshield Removal Tool Set**



- A specific tool set for easy and safe removal of any style of windshield including acutely angled ones
- Tool set includes a 72 feet triangle stainless cutting wire that can be cut to any desired length, 2 wire gripping handle and a wire feeder tool that can be piercing through the glue trim
- Made of expert quality tool steel with reinforced composite plastic handle

ITEM NO.	CONTENTS	W (mm)	H (mm)
JGAR0403	1 JLBH0125 Wire Feeder Tool 2 JLBH0208 Wire Gripping Handle 1 JLBH0307 72 Feet Triangle Stainless Cutting Wire	6	32

**6PCS Mini Handy Remover Set**



- Made from high impact resistant nylon material to minimize scratches
- Specific slim profile design and unique shape for easy removal
- Place tool under edge of panel or trim to remove trims and internal fittings

ITEM NO.	CONTENTS	W (mm)	H (mm)
JGAS0601	1 JJAP0620 Angled Clip Panel Remover - 30 x 200mm 1 JJAP0720 Flat Clip Panel Remover - 30 x 200mm 1 JJAP0820 Panel Remover - 24 x 200mm 1 JJAP0920 Sharp Panel Remover - 24 x 200mm 1 JJAP1020 Straight Panel Remover - 17 x 200mm 1 JJAP1120 Clip Panel Remover - 37 x 200mm	12	128

**5PCS Handy Remover Set**



- For plastic upholstery fasteners
- Place tool under edge of door panel and insert into fastener as fast as possible, and then simply pry up
- Large support area to protect clips and pad

ITEM NO.	CONTENTS	W (mm)	H (mm)
JGAS0501	1 JJAP0118 Remover Pull Type - 30 x 180mm 1 JJAP0220 Handy Remover - 30 x 200mm 1 JJAP0318 Remover Narrow Type - 20 x 180mm 1 JJAP0421 Upholstery Clip Remover - 20 x 210mm 1 JJAP0516 Remover Wide Type - 60 x 160mm	12	128





**Manual Fluid Extractor**



15 Liter



Inlet Adapter & Ø10mm x 1 meter Nylon Extension Tube

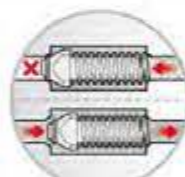
Ø6.7mm x 1 meter Nylon Suction Tube

Ø4.8mm x 1 meter Nylon Suction Tube

- Using hand vacuum pump to quickly, cleanly and easily extract the fluids
- Features an internal float valve designed for automatically cut off when unit has reached maximum storage capacity
- Extract oil through the dipstick hole, no need to use a car lift for oil change
- Suitable for extracting all types of engine oil, transmission oil, brake fluid, coolant, water and etc.
- Includes 1 meter in length of Ø4.8mm, Ø6.7mm, Ø10mm nylon suction/extension tubes and a silicone brake bleeder hose

ITEM NO.	Capacity (L)	Fluid Temperature Range	1	2
JJBZ0115	15	1°C - 100°C (34°F - 212°F)	1	2

**Brake Bleeder Valve with Reception Bottle**



• Non-Return Valve

- Easy to replace the brake fluid by one person
- Non-return valve prevents old brake fluid or exhausted air backflow
- Transparent hose to evaluate the condition of the fluid and presence of air
- Suitable for cars, trucks, motorcycles and etc.
- Including detachable hook

ITEM NO.	Capacity (ml)	Hose Length (m)	1	30
JECF0180	800	1	1	30

**Pneumatic Brake Bleeder (European Type)**



2 Liter

- Suitable for most standard and ABS brake systems
- The manual trigger has a locking mechanism (fixing ring lock) to provide hands-free operation and keep extracting oil continuously
- Automatically cut off design (shut-off valve) to prevent overflow
- Equips with a noise-reduction silencer for a quieter working environment
- The unit contains a vacuum fluid extractor and a silicone bleeding hose with brake nipple

ITEM NO.	JEDF01B0E	12 (SET)
<b>SPECIFICATIONS</b>		
Working Pressure	40 - 170 PSI (2.8 - 12 BAR)	
Average Air Consumption	2 CFM	
Air Inlet	1/4" PT	
Fluid Temperature Range	-19°C - 60°C (-3°F - 140°F)	
Container Capacity	2 Liter (2000 ml)	
Silicone Hose	1M	



PNEUMATIC BRAKE BLEEDER

**Tube Cutter, Flaring & Swaging Tool Set**



- 45° Flares and swages soft steel tubing such as soft copper, Aluminum and brass tubing
- Swages in close quarters where punch style cannot be used
- Flaring bar with size capacity: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8", 3/4" O.D. tubing
- Tube cutter capacity: 1/8" to 1-1/8"
- Swage adapters: 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"

ITEM NO.	CONTENTS	10 (SET)
JGAI1001	1 Flaring Bar (Small Size) 1/8", 3/16", 1/4", 5/16", 3/8", 7/16" O.D. Tubing	
	1 Flaring Bar (Large Size) 1/2", 5/8", 3/4" O.D. Tubing	
	1 Tube Cutter W/Retractable Reamer Cutting capacity: 1/8" to 1-1/8"	
	1 Steel Yoke	
	1 Swaging Adapter 3 in 1 (3/16", 1/4", 3/8"), 5/16", 1/2", 5/8", 3/4"	
	1 45° Flaring Adapter	

BLOW CASE: W265 x D215 x H62 (mm)



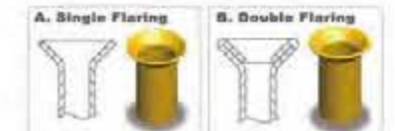
**Tube Cutter & Double Flaring Tool Set**



- Specially designed tool kit to double flare tubing for high pressure application in automotive, air conditioning and etc.
- Accurately single or double flares soft steel tubing such as copper, Aluminum and brass tubing for leak free connections
- Screw-type 45° flaring press
- Tube cutter capacity: 1/8" to 1-1/8"
- Flaring bar & adapter sizes: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2" & 5/8"

ITEM NO.	CONTENTS	10 (SET)
JGAI1002	1 Flaring Bar 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" O.D. Tubing	
	1 Tube Cutter W/Retractable Reamer Cutting capacity: 1/8" to 1-1/8"	
	1 Steel Yoke W/45° Flaring Cone	
	1 Flaring Adapter 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" O.D. Tubing	

BLOW CASE: W265 x D215 x H62 (mm)



**7PCS Air Blow and Suction Gun**



Change from vacuum to blower simply by reversing the internal valve.



ITEM NO.	GDAE0702	10 (SET)
<b>SPECIFICATIONS</b>		
Air Inlet	1/4" PT	
Working Pressure	90 PSI	
• Simply change the installation direction of the inner valve to convert between air blower to vacuum		
• Ideal cleaning accessory for garages and workshops		
• Suitable for cleaning car seat, engine room, cabinet, wood chips, metal shavings, powders and etc.		
• Contents: Aluminum gun, flexible hose, dust bag, extension tube, small tube, flat tube and brush		

**8PCS Air Blow and Suction Gun (One-Hand Switchable Type)**



One-hand reversing vacuum / blower switch

ITEM NO.	GDAE0801	10 (SET)
<b>SPECIFICATIONS</b>		
Air Inlet	1/4" PT	
Working Pressure	90 PSI	
• One-touch regulator knob quickly converts between air blower to vacuum		
• Ideal cleaning accessory for garages and workshops		
• Suitable for cleaning car seal, engine room, cabinet, wood chips, metal shavings, powders and etc.		
• Content: Aluminum gun, flexible tube, dust bag, extension tube, small tube, flat tube, flexible hose and brush		



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**13PCS**  
Motorcycle Chain Breaker and Riveting Tool Set



#25 - #530



**ITEM NO.** JGA11304 **24 (SET)**

- Comprehensive kits for breaking and riveting most types of chain quickly and easily
- Expert quality and designed for most sizes of drive or cam chain from #25 to #530
- To press the rivet from #520 or up easily, it is recommended to grind rivet heads off first
- The sets are included 3 breaking pin sizes to fit most chains (2.2mm, 2.9mm, 3.8mm diameter)

**BLOW CASE:** W220 x D120 x H50 (mm)

**Spark Plug Terminal Pliers**



- Specially designed tool to remove cable terminals from spark plugs quickly and safely
- Curved designed jaws grip the cable terminals tightly without damages
- Heavy-duty plastic coating for pliers' jaws and handles provides a shockproof sure grip

ITEM NO.	LENGTH (mm)	1	2
JIAA0108	200 (8")	6	72

**394PCS**  
Rubber O-Ring Assortment Kit



- Universal O-Ring assortment, perfect for professional workshops and garages
- O-ring made of Nitrile Rubber (NBR 70) material
- Kit contains the most commonly used metric sizes o-rings for industrial and automotive applications
- 32 different sizes in metric measurements

**ITEM NO.** JGEW394A **20 (SET)**

**CONTENTS**

**JGEW394A Metric O-Ring Sizes: (I.D. x Thickness)**

3 x 1 (36pcs), 4 x 1 (17pcs), 5 x 2 (9pcs),
6 x 2 (17pcs), 8 x 2 (17pcs), 10 x 2 (17pcs),
11 x 2 (17pcs), 12 x 2 (17pcs), 14 x 2 (17pcs),
17 x 2 (17pcs), 20 x 2 (17pcs), 10 x 3 (11pcs),
12 x 3 (11pcs), 16 x 3 (11pcs), 18 x 3 (11pcs),
22 x 3 (11pcs), 20 x 4 (9pcs), 22 x 4 (9pcs),
24 x 4 (9pcs), 25 x 4 (9pcs), 30 x 4 (9pcs),
34 x 4 (9pcs), 36 x 4 (9pcs), 40 x 4 (9pcs),
46 x 4 (9pcs), 47 x 4 (9pcs), 50 x 4 (9pcs),
16 x 5 (7pcs), 25 x 5 (14pcs), 30 x 5 (7pcs),
32 x 5 (7pcs), 35 x 5 (7pcs)

**PLASTIC BOX:** W275 x D160 x H45 (mm)

**20PCS**  
Radio Removal Tool Set



**ITEM NO.** JGAA2001 **50 (SET)**

- Expert quality, selection of keys for the removal and installation of car radios by garages, emergency services and specialist car audio installers
- Suitable for a wide range of applications including VW, BMW, Mercedes-Benz, Audi, Opel, Porsche, Renault, Fiat, Peugeot, Ford, Skoda, Alpine, JVC, Grundig, Blaupunkt, Becker, Clarion, Pioneer & VDO

**23PCS**  
Universal Terminal Release Tool Set



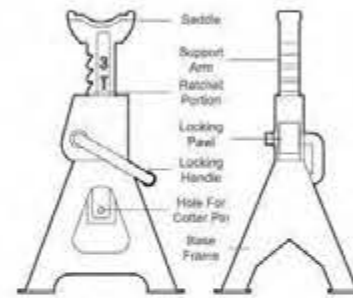
**ITEM NO.** JGA12301 **10 (SET)**

- Special designed to release terminals from the plastic connectors without damaging to wires or terminal blocks
- Release terminals on most body wiring connectors
- Assortment of 23 parts for universal application in the auto wire terminal
- Application : BMW, Mercedes-Benz, Opel, VW, Audi, Porsche, Ford, Seat, Skoda, Jaguar, Citroën, Fiat, Saab, Mazda, Renault, Chrysler, Toyota, Honda, Mitsubishi and most vehicles

**BLOW CASE:** W435 x D260 x H75 (mm)

**23PCS**  
Universal Terminal Release Tool Set

**Jack Stands (in pairs)**



- High quality, steel frame and cast support arm
- Extra large feet to prevent sinking into soft ground or asphalt
- Quick action with 10 stages of height adjustment
- Dual purpose handle serves as carrying handle and column release
- Angled teeth in support arm could prevent accidental release of load while conducting the safety application - The more weight applied, the tighter post is locked

ITEM NO.	CAPACITY (ton)	Min. Height (mm)	Max. Height (mm)	BASE SIZE (mm)	1 (SET)	4 (SET)
JHAA0203	3	285	428	185 x 205	1 (SET)	4 (SET)

**Plastic Creeper**



- Rigid molded, one piece plastic construction
- Shaped arm areas for optimal movement freedom
- Padded head support
- Two built-in tool trays (right & left)
- Six 3" PU swivel caster wheels for easy maneuverability
- Practical hand carry handle
- Maximum load: 135 kg

ITEM NO.	SIZE (L) x (W) x (H) mm	1
JCM-03	1020 x 480 x 115	1

**Pro-Series**  
Plastic Creeper



Full Bearing Caster



- Rigid molded, one piece plastic construction
- Shaped arm areas for optimal movement freedom
- Padded foaming pad support
- Four storage trays to keep tools and small parts within easy reach
- Six 3" TPU swivel caster wheels for easy maneuverability
- Practical hand carry handle
- Maximum load: 150 kg

ITEM NO.	SIZE (L) x (W) x (H) mm	1
JCM-0401	1040 x 517 x 135	1

Contents	Qty	Contents	Qty
Main Body	1	3" TPU Wheels	6
Ergo-headrest	1	Screws	4
Foaming Pad	1		

**Mechanic's Roller Seat**



- Durable powder coated steel frame
- PVC foam cushioned seat with wipe clean surface
- One drawer and bottom storage area provides easy and quick access to miscellaneous tools and parts
- Perfect height for wheel, brake or body works and all kind of low repair jobs
- 4 long-wearing 2" high impact poly swivel casters
- Maximum seat height: 340mm
- Maximum loading capacity up to 200 kg
- Supplied one spray can holder

ITEM NO.	SIZE (L) x (W) x (H) mm	1
JCA-350B	350 x 260 x 340	1

**Magnetic Car Fender Cover W/Pockets**



- Perfect for engine repair jobs to avoid paintwork damages
- 8 pieces high powered magnets for sure grip
- 4 tool holding pockets with a maximum loading weight up to 1.5 kg

ITEM NO.	SIZE (W) x (L) mm	1	12
JJAQ1106	1070 x 600 (42" x 23-1/2")	1	12



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**// Foldable Mechanic's Mat / Kneeling Pad**



- EVA soft material padded construction for protecting knees while lay on it during service work
- Dirt, water, liquid, oil, gasoline resistant mat
- Quick and easy to clean surface
- Can be folded and easy for carry
- Universal use in workshops, service and breakdown service vehicles

ITEM NO.	Folded SIZE (L) x (W) x (H) mm	Unfolded SIZE (L) x (W) x (H) mm	Weight (kg)	Volume (L)
JJ-M480B	480 x 265 x 48	1060 x 480 x 12	1	5

**// Mechanic's Mat / Kneeling Pad**



- Made of 3 layered padded construction EVA form soft material
- Dirt, water, liquid, oil, gasoline resistant mat
- Quick and easy to clean surface
- Universal use in workshops, service and breakdown service vehicles

ITEM NO.	SIZE (L) x (W) x (H) mm	Weight (kg)	Volume (L)
JJ-M485	485 x 225 x 30	1	12
JJ-M960	960 x 380 x 30	1	10

**// Oil Drain Pan**



- Made of high density HDPE plastic, excellent resistance to impact and high temperature
- Heavy duty construction design with reinforced pan bottom
- Integral spout help pour waste oils and fluids cleanly and accurately into disposal containers
- Self-contained overflow edge (anti-splash lip) contains fluid and prevents spillage when pouring
- Three large and easy grip comfortable handles for safe carrying and outpouring
- Ideal for collecting antifreeze, oil and different fluids
- Also suitable for parts cleaning operations
- Meets PAHs regulations

ITEM NO.	CAPACITY (Liter)	SIZE (L) x (W) x (H) mm	Weight (kg)
JDCE0108	8	500 x 400 x 130	20
JDCE0112	12	580 x 470 x 130	15
JDCE0118	18	680 x 570 x 130	15

**// Seat Protection Cover**



Fully Washable  
Universal Size

- Ideal for use when vehicles are being serviced, protecting front seats from dirt, grease and oil
- Universal size suitable for most car and van seats
- Reusable and machine washable

ITEM NO.	SIZE (cm)	Weight (kg)
JCS-0102	72 x 134 x 61	10

**PROFESSIONAL  
HAND TOOLS**



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**VDE INSULATED &  
GENERAL  
ELECTRICIAN'S TOOLS**

Protective insulated & electrician's tools are suited for specific applications when working with electrical systems.

VDE INSULATED & GENERAL ELECTRICIAN'S TOOLS



## VDE Insulated

**Push-lock design**  
For quickly lock and release socket to male square drive



**Push-lock design**  
For quickly lock and release socket to male square drive

**Drive Mechanism**  
Drive in both forward and reverse directions

**Coated with TPR material**  
Fully cover with TPR lining and user can prevent directly touch in object



### VDE Insulated Adjustable Wrench

- Chrome Vanadium Steel Material
- Handle insulation meets VDE and international standard DIN EN/IEC 60900
- Precision millimeter graduation head for quick adjustment
- Wider jaw opening up to 18% wider than the traditional one
- Heat treated for high hardness and torque
- Ergonomic comfort-grip handle



### VDE Insulated Reversible Ratchet Handle with Quick Release

- Chrome Molybdenum Steel Ratchet Head
- Insulation meets VDE and international standard DIN EN/IEC 60900
- Robust 45 teeth ratchet mechanism
- Sockets held absolutely securely by push-button lock with ball in the square drive
- One button changes the ratchet direction
- Ergonomic comfort-grip handle

DIN 3122 ISO 3315 ASME B107.110



### VDE Insulated T-Handle with Quick Release

- Chrome Molybdenum Steel Material
- Insulation meets VDE and international standard DIN EN/IEC 60900
- With safety lock and quick-release function
- Ergonomic comfort-grip handle

DIN 3122 ASME B107.110



DRIVE	ITEM NO.	L(mm)	5	30	45 Gears
1/4"	CHRI0815V4	150	5	50	
3/8"	CHRI1220V4	200	5	30	
1/2"	CHRI1626V4	255	5	30	

DRIVE	ITEM NO.	L(mm)	5	12
1/4"	CTVJ0813V4	125	5	50
3/8"	CTVJ1220V4	210	2	12
1/2"	CTVJ1620V4	210	2	12

### VDE Insulated Hex Bit Sockets

- Chrome Vanadium Steel Material
- Insulation meets VDE and international standard DIN EN/IEC 60900

DIN 7422



DRIVE	ITEM NO.	SIZE (mm)	L(mm)	20	200
1/4"	BCDA0804V4	4	55	20	200
1/4"	BCDA0805V4	5	55	20	200
6.3mm sq.	BCDA0806V4	6	55	20	200
3/8"	BCDA1204V4	4	65	15	150
3/8"	BCDA1205V4	5	65	15	150
10mm sq.	BCDA1206V4	6	65	15	150
3/8"	BCDA1208V4	8	65	15	150
1/2"	BCDA1605V4	5	118	10	100
1/2"	BCDA1606V4	6	118	10	100
12.5mm sq.	BCDA1608V4	8	118	10	100

### VDE Insulated Extension Bar with Quick Release

- Chrome Molybdenum Steel Material
- Insulation meets VDE and international standard DIN EN/IEC 60900
- With safety lock and quick-release function

DIN 3123 ISO 3316 ASME B107.110



DRIVE	ITEM NO.	L(inch)	5	40
1/4"	CABA0804V4	4	10	100
3/8"	CABA0806V4	6	10	100
3/8"	CABA1206V4	6	10	100
1/2"	CABA1210V4	10	5	40
1/2"	CABA1605V4	5	5	40
1/2"	CABA1610V4	10	5	40

ITEM NO.	SIZE (inch / mm)	MAXIMUM JAW OPENING WIDTH (mm)	L (mm)	6	48
AMAD2920	8" (200)	29	212	6	48
AMAD3325	10" (250)	33	260	6	36
AMAD3830	12" (300)	38	310	6	24

### VDE Insulated 6PT Flank Sockets

- Chrome Vanadium Steel Material
- Insulation meets VDE and international standard DIN EN/IEC 60900
- Insulation to edge of socket

DIN 3124 ISO 2725-1 DIN ISO 1711-1



DRIVE	ITEM NO.	SIZE (mm)	L(mm)	25	250
1/4"	BAEA0806V4	6	41	25	250
1/4"	BAEA0807V4	7	41	25	250
6.3mm sq.	BAEA0808V4	8	41	25	250
1/4"	BAEA0810V4	10	41	20	200
1/4"	BAEA0812V4	12	41	15	150
1/4"	BAEA0813V4	13	41	15	150
1/4"	BAEA0814V4	14	41	15	150
3/8"	BAEA1208V4	8	44.5	15	150
3/8"	BAEA1210V4	10	44.5	15	150
10mm sq.	BAEA1212V4	12	44.5	15	150
10mm sq.	BAEA1213V4	13	44.5	15	150
10mm sq.	BAEA1214V4	14	44.5	15	150
10mm sq.	BAEA1217V4	17	46.5	10	100
10mm sq.	BAEA1219V4	19	46.5	10	100
10mm sq.	BAEA1222V4	22	46.5	5	50
1/2"	BAEA1610V4	10	55	10	100
1/2"	BAEA1611V4	11	55	10	100
12.5mm sq.	BAEA1612V4	12	55	10	100
12.5mm sq.	BAEA1613V4	13	55	10	100
12.5mm sq.	BAEA1614V4	14	55	10	100
12.5mm sq.	BAEA1617V4	17	55	10	100
12.5mm sq.	BAEA1619V4	19	55	10	100
12.5mm sq.	BAEA1622V4	22	55	10	100
12.5mm sq.	BAEA1624V4	24	55	10	100

### 14PCS 1/4" DR. VDE 6PT Flank Socket Set



ITEM NO.	DRIVE	Insulation	GZA1244	6 (SET)
1 CHRI0815V4	1/4"	Insulated	GZA1244	6 (SET)
CONTENTS				
1 CHRI0815V4 1/4" Dr. VDE 45 Teeth Insulated Reversible Ratchet Handle with Quick Release				
7 BAEA0806V4-0814V4 1/4" Dr. VDE Insulated 6PT Flank Sockets 6, 7, 8, 10, 12, 13, 14 mm				
3 BCDA0804V4-0806V4 1/4" Dr. VDE Insulated Hex Bit Sockets - 4, 5, 6 mm				
1 CTVJ0813V4 1/4" Dr. VDE Insulated T-Handle with Quick Release				
3 CABA0804V4 & 0806V4 1/4" Dr. VDE Insulated Extension Bar with Quick Release - 4" & 6" (L)				
PLASTIC BOX: W373 x D143 x H56 (mm)				

### 16PCS 3/8" DR. VDE 6PT Flank Socket Set



ITEM NO.	DRIVE	Insulation	GZC1610	5 (SET)
1 CHRI1220V4	3/8"	Insulated	GZC1610	5 (SET)
CONTENTS				
1 CHRI1220V4 3/8" Dr. VDE 45 Teeth Insulated Reversible Ratchet Handle with Quick Release				
8 BAEA1208V4-1222V4 3/8" Dr. VDE Insulated 6PT Flank Sockets 8, 10, 12, 13, 14, 17, 19, 22 mm				
4 BCDA1204V4-1208V4 3/8" Dr. VDE Insulated Hex Bit Sockets - 4, 5, 6, 8 mm				
1 CTVJ1220V4 3/8" Dr. VDE Insulated T-Handle with Quick Release				
3 CABA1206V4 & 1210V4 3/8" Dr. VDE Insulated Extension Bar with Quick Release - 6" & 10" (L)				
PLASTIC BOX: W373 x D289 x H56 (mm)				

### 16PCS 1/2" DR. VDE 6PT Flank Socket Set



ITEM NO.	DRIVE	Insulation	GZC1608	5 (SET)
1 CHRI1626V4	1/2"	Insulated	GZC1608	5 (SET)
CONTENTS				
1 CHRI1626V4 1/2" Dr. VDE 45 Teeth Insulated Reversible Ratchet Handle with Quick Release				
8 BAEA1610V4-1624V4 1/2" Dr. VDE Insulated 6PT Flank Sockets 10, 11, 12, 13, 14, 17, 19, 22, 24 mm				
4 BCDA1605V4-1608V4 1/2" Dr. VDE Insulated Hex Bit Sockets - 5, 6, 8 mm				
1 CTVJ1620V4 1/2" Dr. VDE Insulated T-Handle with Quick Release				
3 CABA1605V4 & 1610V4 1/2" Dr. VDE Insulated Extension Bar with Quick Release - 5" & 10" (L)				
PLASTIC BOX: W373 x D289 x H56 (mm)				

### 12PCS 1/4" DR. VDE 6PT Flank Socket Set



ITEM NO.	DRIVE	Insulation	GZA1245	6 (SET)
1 CHRM0815V4	1/4"	Insulated	GZA1245	6 (SET)
CONTENTS				
1 CHRM0815V4 1/4" Dr. VDE 72 Teeth Insulated Reversible Ratchet Handle with Quick Release				
7 BAEA0806V4-0814V4 1/4" Dr. VDE 6PT Flank Sockets 6, 7, 8, 10, 12, 13, 14 mm				
3 CAAA0802V4-0806V4 1/4" Dr. VDE Extension Bar - 2", 3", 4", 6" (L)				
PLASTIC BOX: W373 x D143 x H56 (mm)				

### 12PCS 3/8" DR. VDE 6PT Flank Socket Set



ITEM NO.	DRIVE	Insulation	GZA1245	6 (SET)
1 CHRM1220V4	3/8"	Insulated	GZA1245	6 (SET)
CONTENTS				
1 CHRM1220V4 3/8" Dr. VDE 72 Teeth Insulated Reversible Ratchet Handle with Quick Release				
8 BAEA1208V4-1219V4 3/8" Dr. VDE 6PT Flank Sockets 8, 10, 11, 12, 13, 14, 15, 17, 19 mm				
3 CAAA1203V4 & 1210V4 3/8" Dr. VDE Extension Bar - 3" & 10" (L)				
PLASTIC BOX: W373 x D143 x H56 (mm)				





**VDE Insulated**

**1000V**  
IEC 60900



**TOPTUL**

Certified Insulated Pliers Series  
Produced in Accordance with  
DIN EN/IEC 60900 Up to  
1000V AC & 1500V DC  
Electrical Safety



**WIRE CLASSES**

Material examples	Wire hardness	Material examples	Wire hardness
 (Copper, Aluminum)	Soft Wire	 (Spring Steel)	Piano Wire
 (Iron Wire)	Medium Hard Wire		Cable
 (Steel Wire)	Hard Wire		Wire Rope

**CUTTING EDGE SHAPES**

Center cutter	Cutting edges with bevel	Cutting with very small bevel	Cutting without facet

**JAWS FORMS**

Flat jaws	Half-round jaws	Round jaws

**GRIPPING SURFACES**

Serrated	Smooth	Cross-hatched

**SPRING-LOADED RETURN**

with opening spring

**VDE Insulated Long Nose Pliers**

- Chrome Molybdenum Steel Material
- Handles insulation meets VDE and international standard DIN EN/IEC 60900
- High-frequency hardened cutting edges for optimum power and durability
- Serrated and rigid jaws, ideal for forming, bending and precision assembly works
- Ergonomic comfort-grip handle
- Manufacturing according to DIN ISO 5745



ITEM NO.	SIZE (inch)	MAX. CAPACITY		10	40
		Ø (mm)	Ø (mm)		
DGCB2206	6	2.5	1.6	10	40
DGCB2208	8	3.2	2.2	10	40

**VDE Insulated Combination Pliers**

- Chrome Molybdenum Steel Material
- Handles insulation meets VDE and international standard DIN EN/IEC 60900
- Precision-hardened pliers head for on-the-job toughness
- High-frequency hardened cutting edges for optimum power and durability
- Ergonomic comfort-grip handle
- Manufacturing according to DIN ISO 5746



ITEM NO.	SIZE (inch)	MAX. CAPACITY		10	40
		Ø (mm)	Ø (mm)		
DGCA2206	6	3.1	2.0	10	40
DGCA2207	7	3.4	2.2	10	40
DGCA2208	8	3.8	2.5	10	40

**VDE Insulated Box-Joint Water Pump Pliers**

- Chrome Molybdenum Steel Material
- Handles insulation meets VDE and international standard DIN EN/IEC 60900
- Heavy duty box-joint design, self-gripping teeth for joints, nuts and pipes
- Ergonomic comfort-grip handle
- Manufacturing according to DIN ISO 8976



ITEM NO.	SIZE (inch)	GRIP CAPACITY Ø (mm)	ADJUSTMENT	7	10	40

**VDE Insulated Diagonal Cutting Pliers**

- Chrome Molybdenum Steel Material
- Handles insulation meets VDE and international standard DIN EN/IEC 60900
- Short jaws and beveled cutting edges permit close cutting of wire
- Hot-riveted joints ensures smooth action and no handle wobble
- Ergonomic comfort-grip handle
- Manufacturing according to DIN ISO 5749



ITEM NO.	SIZE (inch)	MAX. CAPACITY			10	40
		Ø (mm)	Ø (mm)	Ø (mm)		
DGCC2206	6	4.0	2.8	2.0	10	40

**VDE Insulated Heavy Duty Diagonal Cutting Pliers**

- Chrome Molybdenum Steel Material
- Handles insulation meets VDE and international standard DIN EN/IEC 60900
- High-leverage design, rivet is closer to the cutting edge for optimum cutting and gripping power
- Induction hardened cutting knives for long service life
- Ergonomic comfort-grip handle
- Manufacturing according to DIN ISO 5749



ITEM NO.	SIZE (inch)	MAX. CAPACITY			10	40
		Ø (mm)	Ø (mm)	Ø (mm)		
DGCF2208	8	4.2	3.0	2.5	10	40

**VDE Insulated Wire Stripping Pliers**

- Chrome Molybdenum Steel Material
- Handles insulation meets VDE and international standard DIN EN/IEC 60900
- Induction hardened long life stripping edges
- Easy lockable adjusting screw for setting the desired diameter up to Ø4.5mm
- Ergonomic comfort-grip handle
- Manufacturing according to DIN ISO 8979



ITEM NO.	SIZE (inch)	STRIPPING CAPACITY (mm²)	10	40

**3PCS VDE Insulated Pliers Set**



ITEM NO.	CONTENTS	8 (SET)
GAAE0308	1 DGCA2208 VDE Insulated Combination Pliers - 8" 1 DGCB2208 VDE Insulated Long Nose Pliers - 8" 1 DGCF2208 VDE Insulated Heavy Duty Diagonal Cutting Pliers - 8"	

**3PCS VDE Insulated Pliers Set**



ITEM NO.	CONTENTS	8 (SET)
GAAE0301	1 DGCA2207 VDE Insulated Combination Pliers - 7" 1 DGCB2208 VDE Insulated Long Nose Pliers - 8" 1 DGCC2206 VDE Insulated Diagonal Cutting Pliers - 6"	

**4PCS VDE Insulated Pliers Set**



ITEM NO.	CONTENTS	8 (SET)
GAAE0406	1 DGCA2207 VDE Insulated Combination Pliers - 7" 1 DGCB2208 VDE Insulated Long Nose Pliers - 8" 1 DGCC2206 VDE Insulated Diagonal Cutting Pliers - 6" 1 DGCD2206 VDE Insulated Wire Stripping Pliers - 6"	



## VDE Insulated

1. Black Hardened Magnetic Tip extends product service life and facilitates picking up fasteners.
2. Expert quality, SNCM+V Alloy Steel enables "High Strength" blade performance.
3. Shank locked into the handle molding maximizes the turning power and secures the safety of use.
4. Blade insulation meets VDE and international standard DIN EN/IEC 60900.
5. Ergonomic Designed Handle provides optimum comfort in use especially for high torque tightening and loosening works.



- Expert quality, specially hardened and tempered SNCM+V Steel round blade
- Blade insulation meets VDE and international standard DIN EN/IEC 60900
- High performance black hardened, magnetic tip
- PP+TPR material non-slippery grip handle

### VDE Insulated Slotted Screwdrivers



TYPE	ITEM NO.	(mm)	(mm)	L1 (mm)	L (mm)	5	40
	FAEB0308	3	0.5	75	162	5	40
	FAEB0410	4	0.8	100	205	5	40
	FAEB5E13	5.5	1.0	125	240	5	40
	FAEB6E15	6.5	1.2	150	265	5	40
	FAEB0818	8	1.2	175	300	5	40

### VDE Insulated Pozidriv Screwdrivers



TYPE	ITEM NO.	SIZE	L1(mm)	L(mm)	5	40
	FCEB0008	PZ0	75	162	5	40
	FCEB0110	PZ1	100	205	5	40
	FCEB0210	PZ2	100	215	5	40
	FCEB0315	PZ3	150	275	5	30

### VDE Insulated Phillips Screwdrivers



TYPE	ITEM NO.	SIZE	L1(mm)	L(mm)	5	40
	FBEB0008	PH0	75	162	5	40
	FBEB0110	PH1	100	205	5	40
	FBEB0210	PH2	100	215	5	40
	FBEB0315	PH3	150	275	5	30

### 7PCS VDE Insulated Screwdriver Set



ITEM NO.	CONTENTS	8 (SET)
GAAE0704	<ul style="list-style-type: none"> <li>3 FAEB0410-6E15 VDE Insulated Slotted Screwdrivers 4x100, 5.5x125, 6.5x150</li> <li>3 FBEB0110-0315 VDE Insulated Phillips Screwdrivers PH1x100, PH2x100, PH3x150</li> <li>1 FAJA0315 Voltage Tester, CE Approval -145mm(L) (Voltage Range 120 - 250 V/AC)</li> </ul>	

### 6PCS VDE Insulated Screwdriver Set



ITEM NO.	CONTENTS	8 (SET)
GAAE0612	<ul style="list-style-type: none"> <li>3 FAEB0308-5E13 VDE Insulated Slotted Screwdrivers 3x75, 4x100, 5.5x125</li> <li>3 FBEB0110 &amp; 0210 VDE Insulated Phillips Screwdrivers PH1x100 &amp; PH2x100</li> <li>1 FAJA0315 Voltage Tester, CE Approval -145mm(L) (Voltage Range 120 - 250 V/AC)</li> </ul>	

TOPTUL  
VDE Insulated



### VDE Insulated Cable Knife with Straight Blade

- Suitable for stripping thick wires and cables
- Straight blade design
- Hardened Stainless Steel
- With blade protection cap
- Insulation according to IEC 60900
- Ergonomically shaped insulating handle



ITEM NO.	BLADE LENGTH (mm)	LENGTH (mm)	5	40
SFAA5020V4	50	200	10	50

### VDE Insulated Cable Knife with Hooked Blade

- Suitable for stripping thick wires and cables
- Hook type, sickle shaped blade design
- Hardened Stainless Steel
- With blade protection cap
- Insulation according to IEC 60900
- Ergonomically shaped insulating handle



ITEM NO.	BLADE LENGTH (mm)	LENGTH (mm)	5	40
SFAB5020V4	45	190	10	50

### VDE Insulated Cable Knife with Replaceable Blade

- Suitable for stripping thick wires and cables
- Straight blade design
- Hardened Stainless Steel
- Built-in blade protection guard
- Insulation according to IEC 60900
- Ergonomically shaped insulating handle



ITEM NO.	BLADE LENGTH (mm)	LENGTH (mm)	5	40
SFAC5018V4	45	180	10	50

- ### 4PCS Spare Blades for Insulated Cable Knife
- 4 pcs spare blades for TOPTUL part no. SFAC5018V4 Replaceable Blade VDE Insulated Cable Knife
  - Durable blade made of vacuum Hardened Stainless Steel
  - Display packed



ITEM NO.	BLADE LENGTH (mm)	5	40
SLAD0505V0	45	25	100

TOPTUL  
VDE Insulated



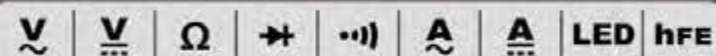
## Digital Multimeter

- Digital multimeter with basic measuring functions
- Test lead set with test tip (red/black)
- Central dial switch
- Large LCD with 3-1/2 digit display 2000 counts
- Low battery indicator and auto shut off (after 15 minutes)
- Additional Features: Data hold, auto range, auto power off selection, auto power off cancelation



### Function:

- AC and DC voltage measurement
- AC and DC current measurement
- Resistance measurement
- Diode test
- Continuity test with buzzer
- Transistor test (NPN & PNP)
- LED test



## DIGITAL MULTIMETER

ITEM NO.	FAAB0260E
<b>SPECIFICATIONS</b>	
AC Voltage	2V / 20V / 200V / 600V
DC Voltage	200mV / 2V / 20V / 200V / 600V
Resistance	200Ω / 2kΩ / 20kΩ / 200kΩ / 2MΩ / 20MΩ
AC / DC Current	200μA / 2000μA / 20mA / 200mA / 2A / 10A
Diode	1V
Continuity Check	200Ω
Transistor (NPN/PNP)	2000 hFE
LED Test	Yes
Operating Environment	0 - 50°C (32 - 122°F) at < 80% R.H. (non-condensing)
Storage Environment	-10 - 60°C (14 - 140°F) at < 70% R.H. (non-condensing)
Power Supply	Battery 1.5V AAA x 2pcs (included)
Fuse Protection	0.5A / 660V Ø5xL20mm, 10A / 600V Ø6.35xL32mm
Testing Standard	IEC 61010-1 / IEC 61010-2-030 / IEC 61010-2-033
Measurement Category	CAT II 600V / CAT III 300V
Pollution Degree	2
Dimension	138mm (L) x 70mm (W) x 32mm (H)
Weight	Approx. 140g



\* Fold-out stand

## Digital Clamp Meter

- Digital clamp meter with basic measuring functions
- Test lead set with test tip (red/black)
- Central dial switch
- Large LCD with 3-3/4 digit display 4000 counts
- Max. diameter for clamp jaw: Ø30mm
- Low battery indicator and auto shut off (after 30 minutes)
- Additional Features: Data hold, auto range, auto power off selection



### Function:

- AC and DC voltage measurement
- AC and DC current measurement
- Resistance measurement
- Diode test
- Continuity test with buzzer
- Frequency measurement



## DIGITAL CLAMP METER

ITEM NO.	FAAC0260E
<b>SPECIFICATIONS</b>	
AC Voltage	4V / 40V / 400V / 600V
DC Voltage	400mV / 4V / 40V / 400V / 600V
Resistance	400Ω / 4kΩ / 40kΩ / 400kΩ / 4MΩ / 40MΩ
AC Current	400A / 600A
DC Current	400A / 600A
Diode	1V
Continuity Check	400Ω
Hz Frequency	5Hz / 50Hz / 500Hz / 5kHz / 50kHz / 100kHz
Operating Environment	0 - 50°C (32 - 122°F) at < 80% R.H. (non-condensing)
Storage Environment	-10 - 60°C (14 - 140°F) at < 70% R.H. (non-condensing)
Operating Altitude	Altitude up to 2000m
Power Supply	Battery 1.5V AAA x 2pcs (included)
Testing Standard	IEC 61010-1 / IEC 61010-2-032 / IEC 61010-2-033
Measurement Category	CAT III 600V
Pollution Degree	2
Dimension	190mm (L) x 71mm (W) x 37mm (H)
Weight	Approx. 200g



Polarity Mark




### Multifunctional Voltage Tester with Digital Display

- AC and DC voltage tests up to 690V with LED and LCD display
- Continuity tester with acoustic and optical display
- Phase rotation indicator for 3-phase systems
- Polarity detection positive / negative
- High voltage indication ( $\geq 50V$  AC/DC)
- Built-in flashlight for testing in dark places
- Dust and water protection to IP 64
- Powered by 2 x AAA batteries (not included)



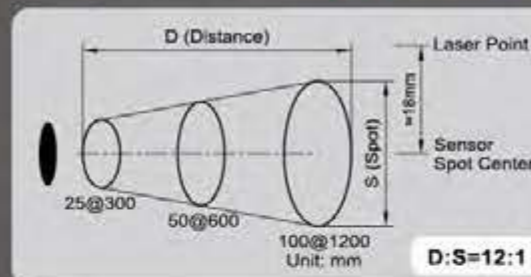
#### MULTIFUNCTIONAL VOLTAGE TESTER WITH DIGITAL DISPLAY

ITEM NO.	EAAA0169
<b>SPECIFICATIONS</b>  50	
Voltage Range	12 – 690V AC / DC
Frequency Range	0 - 70 Hz (AC)
LED Voltage Indication	12 / 24 / 50 / 120 / 230 / 400 / 690V
LCD Resolution	7 – 690V
Peak Current	<3.5mA (at 690V)
Continuity Test	0 – 550k $\Omega$
Operating Temperature	-10 – 55°C
Storage Temperature	-20 – 60°C
Humidity	Up to 85% non-condensing
Operating Altitude	Altitude up to 2000m
Testing Standard	EN 61243-3 / IEC 61243-3 EN 61010-1 / IEC 61010-1
Measurement Category	CAT III 690V / CAT IV 600V
Pollution Degree	2
Power	AAA batteries x 2 pcs (not included)





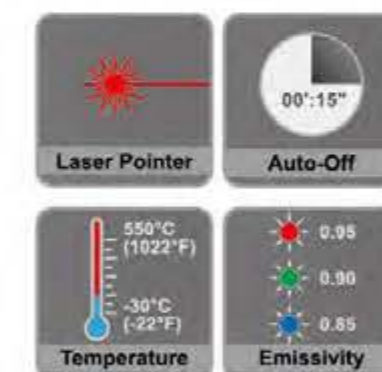
### Non-Contact Infrared Thermometer

- Precise non-contact measurement
- Displays in Celsius (°C) or Fahrenheit (°F)
- Laser pointer for accurate aiming
- Data hold and auto power off function
- High sensitive, providing fast and easy measuring
- Backlit display for easy reading
- Suitable for most automotive and industrial applications



#### NON-CONTACT INFRARED THERMOMETER

ITEM NO.	EARA0155
<b>SPECIFICATIONS</b>  5  30	
Measuring Range	-30°C to 550°C (-22°F to 1022°F)
Measuring Accuracy	$\pm 2.5\%$ or 3°C (Note: Specified accuracy is for ambient temperature variation)
Distance to Spot Ratio	12:1
Display Resolution	0.1°C / 0.1°F
Emissivity Selectable	0.85 / 0.90 / 0.95
Laser Radiation	Class I, <0.4mW
Operating Temperature	0°C – 50°C
Operating Humidity	Up to 80% RH
Power Supply	9V Battery (not included)





**Non-Contact Voltage Tester**

- Sensitive voltage detection from range 80-1000V AC (50-60Hz)
- Suitable for testing AC voltage in outlets, live wire, cables, cords, circuit breakers, lighting fixtures, switches...etc.
- Fitted with visible LED light voltage indicator in tip
- CAT III 1000V safety rating
- In accordance with EN 61010-1 and EN 61010-2-030, CE compliant
- Powered by 2 x AAA batteries (not included)



Ambient temperature:  
0°-40°C, 95% rel. humidity at max., do only use in interior rooms up to an altitude of 2000m at max.

ITEM NO.	TEST VOLTAGE RANGE	FREQUENCY	L (mm)	CE	RoHS
FAJC0816	80 - 1000V AC	50 - 60Hz	160	10	100

**Circuit Tester - Brass**

- With brass body housing
- Test tip protected with screw cap
- Testing electrical circuits from 6 to 24 volts DC only
- Supplied with 85cm cable and insulated alligator clip



ITEM NO.	TEST VOLTAGE RANGE	L (mm)	CE	RoHS
JJDD0124	6 - 24V DC	110	20	200

**Heavy Duty Automotive Circuit Tester**

- Testing electrical circuits from 6 to 24 volts DC only
- Suitable for testing faulty lights, fuses, and alternators, relays...etc.
- Supplied with 152cm cable and insulated alligator clip



ITEM NO.	TEST VOLTAGE RANGE	L (mm)	CE	RoHS
JJDD0224	6 - 24V DC	203	6	72

**Automotive Circuit Tester**

- Testing electrical circuits from 3 to 48 volts DC
- 2 LEDs indicate live circuit and positive (+) / negative (-) polarity
- Universal test instrument for motor vehicle electronics and electronics
- Supplied with 90cm cable and insulated alligator clip
- CE certified



ITEM NO.	TEST VOLTAGE RANGE	L (mm)	CE	RoHS
JJDC0148	3 - 48V DC	135	10	100

**8PCS Gas Soldering Iron Set**

- Gas operated micro soldering device up to 1,300°C / 2,370°F
- Powered by butane (lighter fuel) and features a piezoelectric ignition
- Portable and lightweight suitable for heating, soldering and heat-shrinking
- Supplied with a protective cap and features an adjustable gas control lever



No.	Contents
A	Soldering Iron (incl. Conical Type Solder Tip)
B	2.5mm Round Solder Tip
C	3.5mm Chisel Solder Tip
D	4.5mm Hoof Solder Tip
E	Heat Deflector Tip
F	Tip Cleaning Sponge
G	Solder Wire (99.3% Tin + 0.7% Copper)
H	Protective Cap

ITEM NO.	EGAE0801	RoHS
<b>SPECIFICATIONS</b>		
Power Range	30W-150W	20
Soldering Tip Temperature	400°C-450°C (750°F-840°F)	
Hot Blower Temperature	600°C (1110°F)	
Torch Temperature (Max.)	1300°C (2370°F)	
Warm-Up Time	45 seconds	
Gas Container Capacity	15 ml	
Operating Time	75-90 Minutes	



**Desoldering Pumps**

- Aluminum alloy body construction for heavy use and durability
- Fitted with hard wearing Teflon suction tip
- For the easy and quick removal of surplus molten solder during desoldering and soldering operations
- Powerful suction for solder removal, easy for one-handed use



ITEM NO.	L (mm)	CE	RoHS
EBAB0120	200	40	120



**Lead-Free Soldering Wire Dispenser Tube**

- 99.3% Tin and 0.7% Copper
- Melting temperature: Approx 227 °C
- Wire Diameter: 1 mm
- Contains a rosin flux core designed specifically for electrical work



ITEM NO.	Diameter Ø (mm)	Weight (g)	CE	RoHS
EBAA0110	1	17	6	60



**Cable Cutter**

- Chrome Vanadium Steel Material
- Professional heat treated & machined cutting edge
- Shear action for a clean, precise cut
- Comfortable double plastic-coated grip handle
- Cut copper and aluminum cable
- Notched end for stripping wires



ITEM NO.	SIZE (inch)	MAX. CAPACITY	Icons
		Ø(mm) mm²	
DNAA1206	6	10 22	6 120

**Cable Cutter**

- Chrome Vanadium Steel Material
- Induction hardened cutting edge
- Shear action for a clean, precise cut
- Comfortable double plastic-coated grip handle
- Cut copper and aluminum cable
- Notched end for stripping wires



ITEM NO.	SIZE (inch)	MAX. CAPACITY	Icons
		Ø(mm) mm²	
DNAA1208	8	13 38	6 72

**Cable Cutter**

- Chrome Vanadium Steel Material
- Induction hardened cutting edge
- Shear action for a clean, precise cut
- Comfortable double plastic-coated grip handle



ITEM NO.	SIZE (inch)	MAX. CAPACITY	Icons
		Ø(mm) mm²	
DNAA1210	10	17 60	6 48

**Cable Cutters**

- Chrome Molybdenum Steel Material
- Specially hardened & precision machined cutting edges
- Shear-cut and angled blade for clean and sharp cut
- Tubular handle design for reducing weight
- Optimum lever action requires less effort
- Cut copper and aluminum cable
- Ergonomic designed bi-component soft grip handle



• DNAC1223



• DNAC1218

ITEM NO.	SIZE (inch)	MAX. CUTTING CAPACITY	Icons
		Ø(mm) mm² AWG	
DNAC1218	18	21 150 300	1 20
DNAC1223	23	32 400 800	1 10

**Heavy Duty Multi-Purpose Electricians Scissors**

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



ITEM NO.	Cutting Length (mm)	Cutting Cables (mm²)	L (mm)	Crimping Capacity	Icons
				mm² AWG	
SBAA0516	43	70	160	1 - 16 22 - 14	12 120

**Ratcheting Cable Cutter**

- For excellent cutting of copper and aluminum single conductors as well as multiple stranded cables
- High leverage ratcheting mechanism for easier cutting
- Drop forged Chrome Molybdenum Steel blades for superior strength and durability
- Professional heat treated & machined cutting edge
- Safety lock keeps pliers securely closed when not in use



ITEM NO.	SIZE (inch)	MAX. CUTTING CAPACITY	Icons
		Ø(mm) mm² AWG	
DNAB1010	10	32 326 600	10 30

**Multi-Purpose Electricians Scissors**

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



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

**Automatic Wire Stripper**

- Sliding cross-block design for easy set-up the desired length from 5-12mm
- Hardened steel blades provide extra strength and longer life
- Trigger-actuated design provides fast & easy stripping wires
- Lightweight, ergonomic design is constructed from reinforced fiberglass & Nylon



ITEM NO.	CAPACITY	WIRE CUTTER	L	Icons
	mm² AWG	Ø(mm)	(mm)	
DICA1306	0.2 - 6.0 24 - 10	2.0	190 10 60	

**Wire Stripping Pliers**

- Chrome Molybdenum Steel Material
- Induction hardened long life stripping edges
- Easy lockable adjusting screw for setting the desired diameter up to Ø4.5mm
- Ergonomic comfort-grip handle
- Manufacturing according to DIN ISO 8979



ITEM NO.	SIZE (inch)	STRIPPING CAPACITY (mm²)	Icons
DIBA2206	6	10 10 40	

**Multi-Purpose Wire Stripper**

- Designed to cutting and stripping cables and wires
- Spring-loaded mechanism provides quick self-opening action
- Safety locking device for safe storage
- Includes 2 spare cable stripping blades (SK5)



• DIDA1020

• DIDA1430

ITEM NO.	CAPACITY	L (mm)	Icons
	Ømm AWG		
DIDA1020	0.8 - 2.6 20 - 10	117 10 120	
DIDA1430	0.2 - 0.8 30 - 20	117 10 120	



• Includes 2 spare cable stripping blades (SK5)

**Modular Crimping Tool**

- Professional modular crimping tool with cable cutting and stripping functions
- Suitable for crimping 6-position RJ-11/RJ-12 connectors and 8-position RJ-45 connectors
- Ratchet locking and automatic release mechanism for easy and secure crimping
- Safety blade guard
- PP+TPR comfort plastic grip handles



ITEM NO.	CAPACITY	L (mm)	Icons
DKAC2420	RJ11/RJ12 (6-position) RJ45 (8-position)	203 8 48	



Build-in crimp dies for 6P/8P modular connector

Strip flat cable



Cut flat and round cable

Strip round cable



**Heavy Duty Self-Adjusting Wire Stripper**

- Fully automatic cable strippers, wire cutters and crimping pliers
- Strip and cut wires/cable from 0.2 - 6.0 mm<sup>2</sup> (24 - 10 AWG)
- Crimp 0.5 - 6 mm<sup>2</sup> (22 - 10 AWG) insulated & non-insulated terminals
- Crimp 7 - 8 mm ignition terminals
- A micro adjustable knob for adjusting strip wire from 0.05 mm<sup>2</sup> (30 AWG) up to 6 mm<sup>2</sup> (6 AWG)
- ABS adjustable stopper for quickly setting the length of stripping wire
- Spring-loaded return for quick repetitive opening
- Ergonomic comfort-grip handle



• Wire stripper • Micro adjustable knob

ITEM NO.	STRIPPING CAPACITY mm <sup>2</sup>	AWG	WIRE CUTTER Ømm	CRIMPING CAPACITY mm <sup>2</sup>	AWG	L (mm)	W	H
DKAA2226	0.2 - 6.0	24 - 10	6	0.5 - 6.0	22 - 10	205	10	60



• Wire cutter



• Insulated terminal crimping



• Non-insulated terminal crimping

**Heavy Duty Crimping Tool**

- Crimp size easily selected by using screw adjustment, with clearly marked gauges on the side
- V-jaw holds terminals in place & prevents slipping
- Tubular handle design for reducing weight
- Optimum lever action requires less effort
- Suitable for crimping aluminum and copper terminals



ITEM NO.	CRIMPING CAPACITY mm <sup>2</sup>	AWG	L (mm)	W	H
DKCB2567	10 - 150	8 - 300MCM	670	1	5



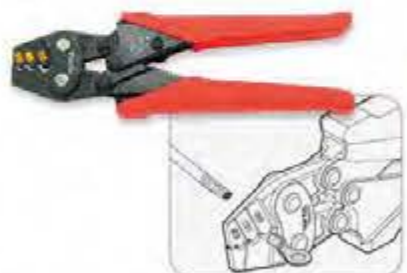
**Multi-Purpose Crimping Pliers**



ITEM NO.	CAPACITY	W	H
DIBB2009	Insulated terminals 1.5, 2.5, 4, 6 mm <sup>2</sup> Bolt cutter M2.6, M3, M3.5, M4, M5 Open barrel terminals 1.5, 2.5, 4-6 mm <sup>2</sup> Wire stripper 0.75, 1.0, 1.5, 2.5, 4.0, 6.0 mm <sup>2</sup> (with integral wire-cutter)	10	10

**Ratchet Crimping Tool for Non-Insulated Terminal**

- Expert quality, Chrome Molybdenum Steel with hardened and tempered jaws
- Continuous crimping at preset tension ensures accurate and effective crimp
- Ratchet action ensures consistent crimp tension
- Comfortable and soft plastic anti-slip grip handle
- Suitable for most non-insulated terminals



ITEM NO.	CAPACITY mm <sup>2</sup>	AWG	L (mm)	W	H
DKBB2307	1.25 - 2 - 3.5	22 - 12	170	6	72

**Ratchet Crimping Tool for Non-Insulated Terminal**

- Expert quality, Chrome Molybdenum Steel with hardened and tempered jaws
- Continuous crimping at preset tension ensures accurate and effective crimp
- Ratchet action ensures consistent crimp tension
- Comfortable and soft plastic anti-slip grip handle
- Suitable for most non-insulated terminals



ITEM NO.	CAPACITY mm <sup>2</sup>	AWG	L (mm)	W	H
DKBB2315	5.5 - 8 - 14 - 22 - 38	12 - 2	380	1	12

**Multi-Purpose Crimping Pliers**



ITEM NO.	CAPACITY	W	H
DIBB1009	Insulated terminals 1.5, 2.5, 4, 6 mm <sup>2</sup> Bolt cutter M2.6, M3, M3.5, M4, M5 Non-insulated terminals 1.5, 2.5, 4-6 mm <sup>2</sup> Wire stripper 0.75, 1.0, 1.5, 2.5, 4.0, 6.0 mm <sup>2</sup> (with integral wire-cutter)	10	10

**2-IN-1 Quick Interchangeable Ratchet Crimping Pliers (for Insulated and non-insulated terminals)**

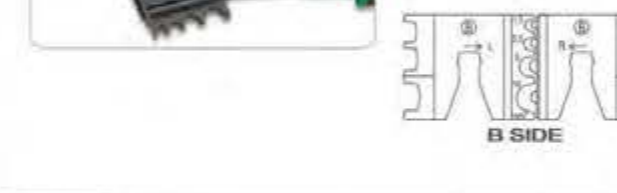
- Ratchet mechanism crimper stands for superior labor saving
- Unique interchangeable crimping jaws design for quick installing reversible insulated / non-insulated terminals
- Quick insertion changing of jaw without any tool
- Professional AISI 4140 Alloy Steel Crimping Jaws
- Ergonomic comfort-grip handle



• Adjustable • Quick Release



A SIDE



B SIDE

ITEM NO.	CAPACITY	L (mm)	W	H
DKCA2222	Insulated Terminal • AWG 22-18/16-14/12-10 • 0.5-1.0/1.5-2.5/4.0-6.0 mm <sup>2</sup> Non-Insulated Terminal • AWG 20-18/16-14/12-10/8 • 1.5/2.5/6.0/10.0 mm <sup>2</sup>	220	12	36

**7PCS**

**Quick Interchangeable Ratchet Crimping Tool Kit**

- Unique integrated lock with releasing mechanism design provides complete crimp
- Ratchet mechanism crimper stands for superior labor saving
- Quick insertion changing of jaw without any tool
- Professional AISI 4140 Alloy Steel Crimping Jaws
- Ergonomic comfort-grip handle
- Expert quality crimp tool set, suitable for electricians on a variety of applications

ITEM NO.	CONTENTS	W	H
GAAI0704	1 DKBA2426 Quick Interchangeable Ratchet Crimper 1 DLAA0601 Insulated Terminal 0.5-1.0/1.5-2.5/4.0-6.0 mm <sup>2</sup> 1 DLAA1001 Non-Insulated Terminal 0.5-1.5/1.5-2.5/4.0-6.0/10.0 mm <sup>2</sup> 1 DLAA0602 Open-Barrel Terminal 0.5-1.0/1.5-2.5/4.0-6.0 mm <sup>2</sup> 1 DLAA0101 Open-Barrel Terminal 0-1.0 25/0.25-0.5/0.5-1.0 mm <sup>2</sup> 1 DLAA1002 Open-Barrel Terminal & D-Sub, V3.5 2.5/0.5/8.0-10.0 mm <sup>2</sup> 1 DLAA0102 Spark Plug Connector 1.0 mm <sup>2</sup>	10	10

BLOW CASE: W295 x D235 x H53 (mm)



A Jaw for insulated terminal



B Jaw for non-insulated terminal



C Jaw for open-barrel terminal



C1 Jaw for open-barrel terminal



H Jaw for open-barrel terminal & D-Sub, V3.5



H1 Jaw for spark plug connector





## QUICK INTERCHANGEABLE RATCHET CRIMPER



- Crimping tool set with ratcheting function and adjustable jaws
- Includes 5 exchangeable crimping jaws
- Insulated terminal ends 0.5-6.0 mm<sup>2</sup>
- Non-insulated terminal ends 0.5-10.0 mm<sup>2</sup>
- Open-barrel terminal ends 0.5-6.0 mm<sup>2</sup>
- Insulated cord-end terminal ends 0.5-4.0 mm<sup>2</sup> (for small size)
- Insulated cord-end terminal ends 6.0-16.0 mm<sup>2</sup> (for large size)

### 6PCS

#### Quick Interchangeable Ratchet Crimping Tool Kit

- Ratchet mechanism crimper stands for superior labor saving
- Quick insertion changing of jaw without any tool
- Professional AISI 4140 Alloy Steel Crimping Jaws
- Ergonomic comfort-grip handle



ITEM NO.	CONTENTS	10 (SET)
GAAI0605	1 DKBA2222 Quick Interchangeable Ratchet Crimper	
	1 DLAA0601 Insulated Terminal 0.5-1.0/1.5-2.5/4.0-6.0 mm <sup>2</sup>	
	1 DLAA1001 Non-Insulated Terminal 0.5-1.5/1.5-2.5/4.0-6.0/10.0 mm <sup>2</sup>	
	1 DLAA0602 Open-Barrel Terminal 0.5-1.0/1.5-2.5/4.0-6.0 mm <sup>2</sup>	
	1 DLAA0401 Insulated Cord-End Terminal (for small size) 0.5/0.75/1.0/1.5/2.5/4.0 mm <sup>2</sup>	
	1 DLAA1601 Insulated Cord-End Terminal (for large size) 6.0/10.0/16.0 mm <sup>2</sup>	

BLOW CASE: W280 x D195 x H50 (mm)

## QUICK INSERTION CHANGING OF JAW WITHOUT ANY TOOL

### Surface treatment

- Procedure: Precision and Wax-lost Casting
- Treatment: Finished with heat treatment (HRC 38 - 45)
- Zinc Phosphate Surface Treatment

A	B	C	D	F
Jaw for insulated terminal	Jaw for non-insulated terminal	Jaw for open-barrel terminal	Jaw for insulated cord-end terminal (For small size)	Jaw for insulated cord-end terminal (For large size)
<b>Suitable for</b> • AWG 22-18/16-14/12-10 • 0.5-1.0/1.5-2.5/4.0-6.0 mm <sup>2</sup>	<b>Suitable for</b> • AWG 20-16/16-14/12-10/8 • 0.5-1.5/1.5-2.5/4.0-6.0/10.0 mm <sup>2</sup>	<b>Suitable for</b> • AWG 20-18/16-14/12-10 • 0.5-1.0/1.5-2.5/4.0-6.0 mm <sup>2</sup>	<b>Suitable for</b> • AWG 22/20/18/16/14/12 • 0.5/0.75/1.0/1.5/2.5/4.0 mm <sup>2</sup>	<b>Suitable for</b> • AWG 10/8/6 • 6.0/10.0/16.0 mm <sup>2</sup>
<b>Material</b> • AISI 4140	<b>Material</b> • AISI 4140	<b>Material</b> • AISI 4140	<b>Material</b> • AISI 4140	<b>Material</b> • AISI 4140



## Quick Interchangeable Systematic Die Series

- Professional AISI 4140 Alloy Steel crimping jaws
- Heat treated and tempered crimping jaw provides optimum crimping application
- For use with Model No's DKBA2222 and DKBA2426

### Jaw for Insulated Terminal



A DLAA0601



ITEM NO.	(AWG)	CAPACITY (mm <sup>2</sup> )	10	80
DLAA0601	22-18/16-14/12-10	0.5-1.0/1.5-2.5/4.0-6.0	10	80

### Jaw for Non-Insulated Terminal



B DLAA1001



ITEM NO.	(AWG)	CAPACITY (mm <sup>2</sup> )	10	80
DLAA1001	20-16/16-14/12-10/8	0.5-1.5/1.5-2.5/4.0-6.0/10.0	10	80

### Jaw for Open-Barrel Terminal



C DLAA0602



ITEM NO.	(AWG)	CAPACITY (mm <sup>2</sup> )	10	80
DLAA0602	20-18/16-14/12-10	0.5-1.0/1.5-2.5/4.0-6.0	10	80



G DLAA0101



ITEM NO.	(AWG)	CAPACITY (mm <sup>2</sup> )	10	80
DLAA0101	26-24/24-22/22-18	0.1-0.25/0.25-0.5/0.5-1.0	10	80

### Jaw for Insulated Cord-End Terminal



D DLAA0401 (for small size)



ITEM NO.	(AWG)	CAPACITY (mm <sup>2</sup> )	10	80
DLAA0401	22/20/18/16/14/12	0.5/0.75/1.0/1.5/2.5/4.0	10	80



F DLAA1601 (for large size)



ITEM NO.	(AWG)	CAPACITY (mm <sup>2</sup> )	10	80
DLAA1601	10/8/6	6.0/10.0/16.0	10	80

### Jaw for Open-Barrel Terminal & D-Sub, V3.5



H DLAA1002



ITEM NO.	(AWG)	CAPACITY (mm <sup>2</sup> )	10	80
DLAA1002	14/22/8-6	2.5/0.5/8.0-10.0	10	80



I DLAA0102



ITEM NO.	(AWG)	CAPACITY (mm <sup>2</sup> )	10	80
DLAA0102	17	1.0	10	80



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### Quick Interchangeable Systematic Die Series

- Professional AISI 4140 Alloy Steel crimping jaws
- Heat treated and Tempered crimping jaw provides optimum crimping application
- For use with Model No's DKBA2222 and DKBA2426

#### // Jaw for 1.5 Superseal Terminal



H2 DLAH2016					H3 DLAH3017				
ITEM NO.	AWG	CAPACITY mm <sup>2</sup>	10	80	ITEM NO.	AWG	CAPACITY mm <sup>2</sup>	10	80
DLAH2016	22-20/16	0.35-0.5/1.5	10	80	DLAH3017	18/17	0.75/1.0	10	80



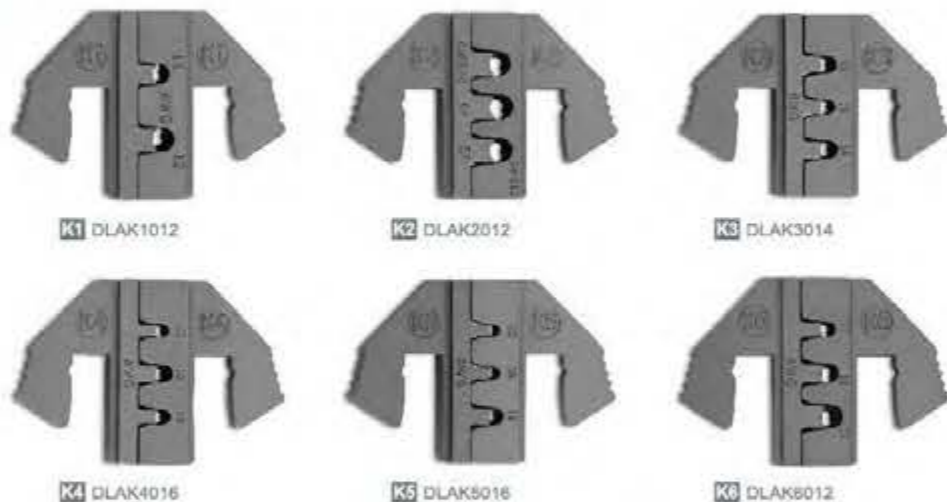
#### // Jaw for Delphi Weather Pack Terminal



H6 DLAH6018					H7 DLAH7012				
ITEM NO.	AWG	CAPACITY mm <sup>2</sup>	10	80	ITEM NO.	AWG	CAPACITY mm <sup>2</sup>	10	80
DLAH6018	22/20-18	0.35/0.5-0.8	10	80	DLAH7012	16-14/12	1.0-2.0/3.0	10	80



#### // Jaw for Deutsch Terminal



K1 DLAK1012					K2 DLAK2012					K3 DLAK3014				
ITEM NO.	AWG	CAPACITY mm <sup>2</sup>	10	80	ITEM NO.	AWG	CAPACITY mm <sup>2</sup>	10	80	ITEM NO.	AWG	CAPACITY mm <sup>2</sup>	10	80
DLAK1012	14/12		10	80	DLAK2012	10/12	6.0/5.0	10	80	DLAK3014	18/16/14		10	80
DLAK4016			10	80	DLAK5016			10	80	DLAK6012	16/14/12		10	80



PROFESSIONAL  
HAND TOOLS

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## OTHER TOOLS SERIES

Essential mechanical tools include pullers, crimping tools & bolt cutters.



OTHER TOOLS



**Cordless LED Flexible Inspection Lamp**



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

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

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

**12PCS 5W COB LED Pen Light Set W/Display Box**

- Powerful lighting inspection lamp with 5W COB LED
- Rugged ABS material housing
- Brightness: 230 Lumen
- 450 Lux at 0.5 meter
- Splash-proof IP54
- Pocket clip and bottom magnet for hands-free use
- Powered by 3 x AAA batteries (not included)
- Dimensions = 165(L) x 25(W) x 30(H) mm
- Content: 12 pcs per set



ITEM NO.	CONTENTS	⊕	12 (SET)
JJAT0405S	12 5W COB LED Pen Light Dimensions = 165(L) x 25(W) x 30(H) mm		

**Cordless LED Slim Inspection Lamp**



- Features:**
- Micro adjustment lumen switch
  - Foldable base with powerful magnet
  - Swivel hanging hook
  - Slim body design for easy reaching access place
  - Brightness: 710 Lumen
  - 300 Lux at 0.5 meter (Semi-Brightness)
  - 935 Lux at 0.5 meter (Full-Brightness)
  - Splash-proof IP54
  - Build in 2200 mAh Li-ion battery
  - For full light-approx 2.5 hours, for semi light-approx 10 working hours
  - Indicator: In charging - red indicator flash, charged completed-blue indicator light on, low battery-yellow indicator flash
  - Comes with 5V DC 1A USB charger & USB cable

- Specifications:**
- LED max power: 15W LED COB light
  - Li-ion rechargeable battery: 3.7V 2200mAh
  - Charger input: AC100 - 240V 50/60Hz
  - Power output: 5.0V 1000mAh
  - Charger time: 3.5 - 4.0 hours
  - Active time: 2.5 hours
  - Storage temperature: -20°C to 70°C
  - Operation temperature: -5°C to 50°C
  - Product size: 375(L) x 40(W) x 30(H) mm

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



**LED Rechargeable Magnet Work Lamp**



- Material of housing: HI-impact Nylon**
- Clear PC material lampshade
  - 30pcs LED bulbs: 20000 MCD/each
  - Lithium battery: 3.7V / 2600mAh (Li-ion)
  - Maximum working time: Approx. 4 - 5 hours
  - Recharge time: Approx. 4 - 5 hours
  - Net weight (lamp & battery): 205g

ITEM NO.	POWER CHARGER	L (mm)	⊕	⊕
JJAT0105	Micro USB Charging 5V (cable included)	290	10	30



**T-Type Image Guide Scope**



Main Bulb

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

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

ITEM NO. JJAU0418

**ALUMINUM FRAMED PLASTIC CASE:**  
W420 x D330 x H65 (mm)

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

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



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

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



ITEM NO. JLAD0406 10

**Portable Video Borescope**

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

CE RoHS



- Contents:**
- Operation panel
  - 1m semi-rigid spiral shaft camera probe
  - SD card
  - USB data cable
  - AV cable
  - AC Adapter

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

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



Camera System and Insert Tube	
Camera Resolution	325(H) x 250(V) = 81250 pixels
Image Sensor	CMOS
Housing	Stainless Steel
Field of View (Aperture Angle)	Horizontal field angle : 46° Vertical field angle : 34° Diagonal field angle : 58°
Focused Depth of Field	1cm - 6cm
Protection Class	IP67
Resistance	DO NOT immerse the insert tube deeper than 1M depth and over 30 minutes. (water) DO NOT immerse the insert tube deeper than 6cm and over 10 minutes besides water. (such as lubricant oil, gasoline and etc.)
Working Temperature	0°C - 55°C
Light Source	White LED
Bend Radius	min. 15mm

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

**Two Way Articulation Probe**

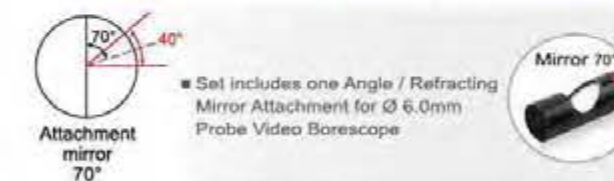
- Feature:**
- Multi-function keys selection
  - Control wheel can adjust bending angle of neck for probe
  - The probe can easily fits through the spark plug hole of engine and various inspection jobs
  - Maximum bending angle 300°
  - Obedient probe allows to equip 70° Refracting Mirror that offers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

RoHS



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

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



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

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



**Pro-Series Industrial Lever Riveter**



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

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

ITEM NO.	RIVET DIAMETER(mm)	1	10
JB AE2450	2.4(3/32"), 3.0/3.2(1/8"), 4.0(5/32"), 4.8/5.0(3/16")	1	10

**Pro-Series Industrial Lever Riveter**



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

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

ITEM NO.	RIVET DIAMETER(mm)	1	10
JB AE3064	3.0/3.2(1/8"), 4.0(5/32"), 4.8/5.0(3/16"), 6.0, 6.4(1/4")	1	10

**Industrial Lever Riveter**



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

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

ITEM NO.	RIVET DIAMETER(mm)	1	12
JB AD3264	3.2(1/8"), 4.0(5/32"), 4.8(3/16"), 6.4(1/4")	1	12

**Scissor Action Industrial Riveter**



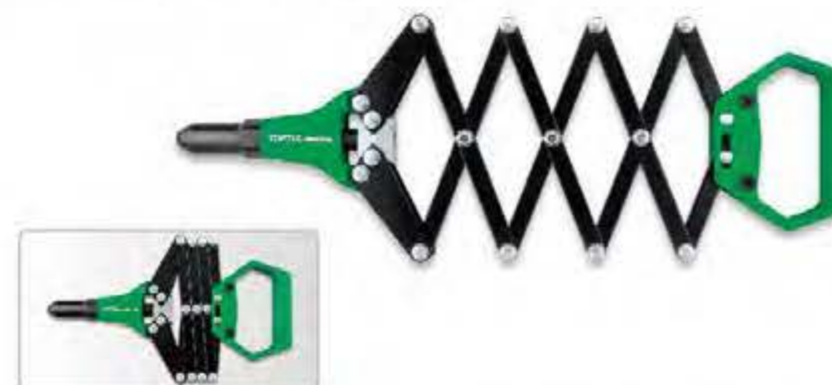
- Rugged all steel construction
- Single pull action for fast repetitive applications
- Stretching design for use in difficult access area
- Suitable for industrial and construction applications
- 4 interchangeable nosepieces: 2.4mm(3/32"), 3.2mm(1/8"), 4.0mm(5/32"), 4.8mm(3/16")
- Extended length: 310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

ITEM NO.	RIVET DIAMETER(mm)	1	10
JB AD2448	2.4(3/32"), 3.2(1/8"), 4.0(5/32"), 4.8(3/16")	1	10



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

**Heavy-Duty Scissor Action Industrial Lever Riveter**



**HEAVY-DUTY**

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

ITEM NO.	RIVET DIAMETER(mm)	1	10
JB AH3064	3.0/3.2(1/8"), 4.0(5/32"), 4.8/5.0(3/16"), 6.0, 6.4(1/4")	1	10

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

**Hand Riveter**

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



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

ITEM NO.	RIVET DIAMETER(mm)	10	30
JB AA2448	2.4(3/32"), 3.2(1/8"), 4.0(5/32"), 4.8(3/16")	10	30

**151PCS Hand Riveter Set**



ITEM NO.	CONTENTS	6 (SET)
GAAD0101	1 JBAA2448 Hand Riveter	
	30 ALCA0207 Aluminum Rivets - Ø2.4x8mm	
	30 ALCA0308 Aluminum Rivets - Ø3.2x8mm	
	30 ALCA0410 Aluminum Rivets - Ø4x10mm	
	30 ALCA0510 Aluminum Rivets - Ø4.8x10mm	
	30 ALCB0407 Stainless Rivets - Ø4x7mm	
	METAL CASE: W370 x D154 x H50 (mm)	



**Pro-Series Hand Riveter**



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



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

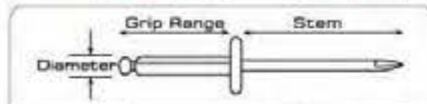
ITEM NO.	RIVET DIAMETER(mm)	10	30
JBAF2450	2.4(3/32"), 3.0/3.2(1/8"), 4.0(5/32"), 4.8/5.0(3/16")		

**360° Swivel Head Hand Riveter**



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

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



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

**Pro-Series 360° Swivel Ratchet-Head Hand Riveter**



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

ITEM NO.	RIVET DIAMETER(mm)	10	20
JBAQ2450	2.4(3/32"), 3.0/3.2(1/8"), 4.0(5/32"), 4.8/5.0(3/16")		



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

**151PCS Pro-Series Hand Riveter Set**



ITEM NO.	CONTENTS	5 (SET)
GAAD0103	1 JBAF2450 Pro-Series Hand Riveter	
	30 ALCA0207 Aluminum Rivets - Ø2.4x8mm	
	30 ALCA0308 Aluminum Rivets - Ø3.2x8mm	
	30 ALCA0410 Aluminum Rivets - Ø4x10mm	
	30 ALCA0510 Aluminum Rivets - Ø4.8x10mm	
	30 ALCB0407 Stainless Rivets - Ø4x7mm	
	METAL CASE: W370 x D154 x H50 (mm)	

**Industrial Heavy-Duty Hand Nut Riveter**



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

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



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

**Industrial Hand Nut Riveter**

- High strength Aluminum body with steel insert design & anti-wearing design
- Forged upper handle with advanced heat treatment for enhancing durability
- Patented 1-PC quick-change threaded mandrel
- Patented adjusting knob design for one-time adjustment
- With stroke adjuster design for repetitive applications

- Length: 255mm (10")
- 4 interchangeable threaded mandrels: M3x0.5, M4x0.7, M5x0.8, M6x1.0
- Ergonomic comfort-grip handle



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

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

**121PCS Industrial Hand Nut Riveter Set**



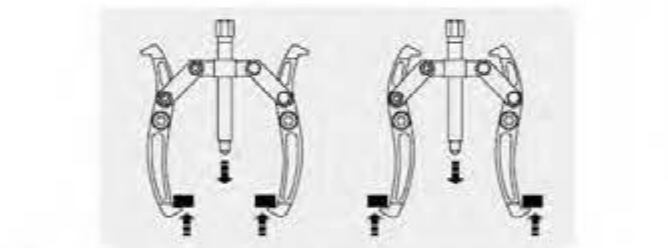
ITEM NO.	CONTENTS	5 (SET)
GAAD0102	1 JBBA0306 Industrial Hand Rivet Nut Tool	
	30 ALFA0305 Aluminum Rivet Nut - M3x0.5	
	30 ALFA0407 Aluminum Rivet Nut - M4x0.7	
	30 ALFA0508 Aluminum Rivet Nut - M5x0.8	
	30 ALFA0610 Aluminum Rivet Nut - M6x1.0	
	METAL CASE: W370 x D154 x H50 (mm)	





**// 2-Jaw Gear Puller**

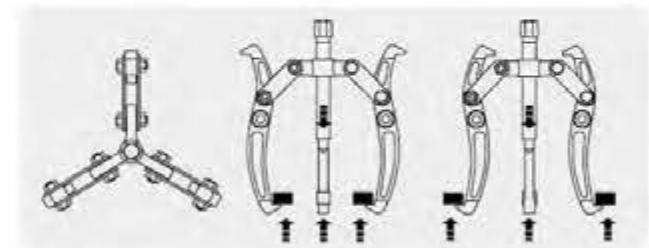
• Professional gear puller to remove gears, sprockets, bearings and pulleys effortlessly and safely. Jaws and arms are forged and machined from quality alloy steel, precision heat treated for maximum durability and strength. Hardened steel center bolt with hex head for sure-grip wrench fit. Jaws can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



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

**// 3-Jaw Gear Puller**

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



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

**// 2-Jaw Gear Puller (Sliding Arm Type)**

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



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

**// 22PCS Hydraulic Puller Set**



**ITEM NO. JGAI2202** ⊗ 1 (SET)

- Comprehensive tool kit includes 10-ton hydraulic ram, gear pullers & bearing separator to remove gears, bearings, pulleys and etc.
- Special automatically closing puller jaws design to reduce the risk of slipping
- Suitable for servicing passenger cars, light and heavy duty trucks, off-road construction equipment, machinery and etc.

BLOW CASE: W500 x D395 x H120 (mm)



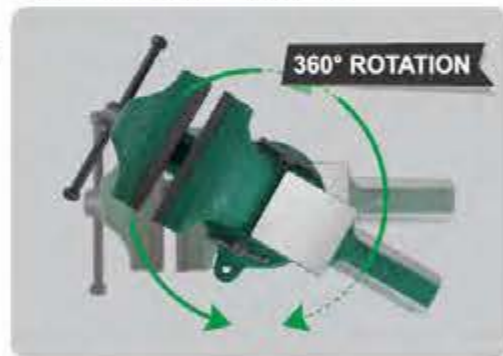
Part No.	Description	Q'ty
A	10-Ton Hydraulic Ram	1
B	Center Adapter	1
C	2" Ram Extension Rod	1
D	4" Ram Extension Rod	1
E	Beam	1
F	Bearing Separator Set (Capacity 75-105mm)	1
G	Main Rod	2
H	Extension Rod	2
I	Ram Adapter	1
J	Triple Head	1
K	Twin Head	1
L	4" Jaw	3
M	6" Jaw	3
N	8" Jaw	3



**Forged Steel Bench Vise**



- Made of special Forged Steel for maximum strength and durability
- 360° swivel base provides an infinite amount of adjustability
- Large and hardened anvil provides extra working space
- Interchangeable serrated-jaw provides optimum gripping force
- Removable V-shaped jaws for tightening the pipes
- Knurled jaws grip objects firmly
- Finished with quality wrinkle green paint



ITEM NO.	SIZE(inch)	JAW WIDTH(mm)	JAW OPENING(mm)	THROAT DEPTH(mm)	PIPE CAPACITY Ø(mm)	🔧	🔒
DJAD0104	4	104 (4")	125 (5")	75 (3")	12 - 55 (1/2" - 2-1/4")	1	1
DJAD0105	5	127 (5")	150 (6")	82 (3-1/4")	12 - 75 (1/2" - 3")	1	1
DJAD0106	6	154 (6")	200 (8")	92 (3-5/8")	17 - 90 (3/4" - 3-1/2")	1	1
DJAD0107	7	178 (7")	230 (9")	116 (4-1/2")	17 - 105 (3/4" - 4-1/8")	1	1



**Multi-Purpose Bench Vise**



- Made of Heavy-Duty Ductile Iron
- 360° swivel base provides an infinite amount of adjustability
- 360° swivel head with 12 different locking positions
- Large and hardened anvil provides extra working space
- Interchangeable parallel hardened serrated-jaws provides optimum gripping force
- Removable V-shaped jaws for tightening the pipes
- Bottom with V-pipe jaws for tightening the upstanding short pipe
- Knurled jaws grip objects firmly
- Finished with quality wrinkle green paint



ITEM NO.	SIZE(inch)	JAW WIDTH(mm)	JAW OPENING(mm)	THROAT DEPTH(mm)	PIPE CAPACITY Ø(mm)	🔧	🔒
DJAB0106	6	154 (6")	145 (5-3/4")	91 (3-1/2")	15 - 90 (1/2" - 3-1/2")	1	1

**All Cast Steel Bench Vise**



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



ITEM NO.	SIZE(inch)	JAW WIDTH(mm)	JAW OPENING(mm)	THROAT DEPTH(mm)	PIPE CAPACITY Ø(mm)	🔧	🔒
DJAC0103	3	79 (3")	75 (3")	50 (2")	7 - 30 (9/32" - 1-3/16")	1	1
DJAC0104	4	104 (4")	100 (4")	57 (2-1/4")	7 - 38 (9/32" - 1-1/2")	1	1
DJAC0105	5	129 (5")	125 (5")	66 (2-5/8")	13 - 38 (1/2" - 1-1/2")	1	1
DJAC0106	6	154 (6")	150 (6")	75 (3")	13 - 50 (1/2" - 2")	1	1
DJAC0108	8	205 (8")	200 (8")	88 (3-1/2")	20 - 57 (25/32" - 2-15/64")	1	1
DJAC0110	10	256 (10")	250 (10")	100 (4")	22 - 85 (7/8" - 2-9/16")	1	1



**Metal Pressure Oil Can**

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



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

**Plastic Pressure Oil Can**

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



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

**Caulking Gun**

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



STANDARD SIZE (300ml CARTRIDGE) NO-DRIP

ITEM NO.	SIZE (inch)	Weight	Length
JJAY0902	9	10	30

**Revolving Barrel Caulking Gun**

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



STANDARD SIZE (300ml CARTRIDGE) NO-DRIP

ITEM NO.	SIZE (inch)	Weight	Length
JJAY0903	9	5	15

**Aluminum Tube Caulking Gun**

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



STANDARD SIZE (300ml CARTRIDGE) NO-DRIP

ITEM NO.	SIZE (inch)	Weight	Length
JJAY0904	9	5	15



• Includes 1 cone nozzle.



**TOPTUL**  
Professional Tools



## Air Operated Continuous Flow Grease Gun

Pistol Grip Type W/6" Rigid Tube



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

ITEM NO.	CAPACITY	16
JJCA1401	Standard 14 oz. Cartridge Pressure filler, Bulk 400 c.c., L=15" (385mm)	

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



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

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

### Air Operated Continuous Flow Grease Gun (Pistol Grip Type) W/6" Rigid Tube & 12" Flexible Hose



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

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

### Lever Type Grease Gun (Variable Stroke) W/6" Rigid Tube & 12" Flexible Hose



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

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

### Piston Grip Grease Gun W/7" Rigid Tube



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

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

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



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

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

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



- 4-Jaw coupler for better grip
- Max. working pressure: 4,500 PSI (310 BAR)
- Burst pressure: 10,000 PSI (690 BAR)
- Thread: 1/8 inch x 28PT
- 1 oz. of grease: Per 40 strokes
- Length: Grease gun w/rigid tube and coupler: 21 inch (530mm)

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

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



- 4-Jaw coupler for better grip
- Max. working pressure: 4,500 PSI (310 BAR)
- Burst pressure: 10,000 PSI (690 BAR)
- Thread: 1/8 inch x 28PT
- 1 oz. of grease: Per 40 strokes
- Length: Grease gun w/rigid tube and coupler: 21 inch (530mm) flexible whip hose - 12 inch (300mm)

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

### Flexible Nylon Grease Gun Hose



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

ITEM NO.	CAPACITY	12
JJAC1212		

### Oil Suction Gun (Heavy Duty Type)



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

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

## Grease Gun Series



**Ratchet Pry Bar**

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



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

**3PCS**

Ratchet Pry Bar Set



Black Phosphate Finished

ITEM NO.	CONTENTS	🔧	🔧
GBAD0301	JCDE0908-1515 Ratchet Pry Bar - 9", 12", 15" (L)	6 (SET)	

METAL CASE: W370 x D154 x H50 (mm)

**Pry Bar**

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



Black Phosphate Finished

ITEM NO.	SIZE(inch)	🔧	🔧
JCBA0608	8	5	80
JCBA0912	12	5	30
JCBA1118	18	5	20
JCBA1124	24	5	10

**Ratchet Pry Bar**

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



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



**4PCS**

Mechanic Pry Bar Set



Black Phosphate Finished

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

**Jumbo Pry Bar**

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



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

**4PCS**

Jumbo Pry Bar Set



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

BLOW CASE: W1000 x D255 x H75 (mm)

**5PCS**

Diamond Needle File Set

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



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

**6PCS**

Needle File Set

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



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

**File Tool**



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

**4PCS**

File Set



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

**5PCS**

File Set



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



**High Tensile Strength Bolt Cutter**

- Chrome-Molybdenum Alloy Steel forged jaws
- All-purpose, center cut jaws with adjustable cam bolt blades
- High-frequency hardened cutting edges for optimum cutting power and durability
- Lock plate reinforcement prevents jaw bolts from loosening or turning, keeping jaws in correct alignment
- Tubular handle design for reducing weight
- Comfortable, anti-slip plastic material soft grip handle



**BOLT CUTTER CUTTING CAPACITY**

SIZE (inch / mm)	HRC 15* (Soft Metal)	HRC 40* (Medium Metal)
14" (370mm)	Ø 7mm (9/32")	Ø 4mm (5/32")
18" (465mm)	Ø 8mm (5/16")	Ø 5mm (3/16")
24" (640mm)	Ø 10mm (3/8")	Ø 6mm (1/4")
30" (790mm)	Ø 13mm (1/2")	Ø 7mm (9/32")
36" (940mm)	Ø 16mm (5/8")	Ø 8mm (5/16")
42" (1060mm)	Ø 19mm (3/4")	Ø 10mm (3/8")

ITEM NO.	CUTTING EDGE SHAPES	Length (inch)	CUTTING CAPACITY		E	S
			HRC 15* Ø(mm)	HRC 40* Ø(mm)		
SBCB1407	◆◆	14	7	4	1	20
SBCB1808	◆◆	18	8	5	1	12
SBCB2410	◆◆	24	10	6	1	10
SBCB3013	◆◆	30	13	7	1	6
SBCB3616	◆◆	36	16	8	1	4
SBCB4219	◆◆	42	19	10	1	3

**Offset Tin Snips**



**Green - SBAD0224**  
Right and Straight Cut



**Red - SBAD0124**  
Left and Straight Cut

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

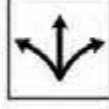
Cuts extremely hard metals of hardness of HRC 40 (0.8mm/m), such as stainless steel and more.

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

**Aviation Tin Snips**



**Green - SBAC0225**  
Right Cut



**Yellow - SBAC0325**  
Straight Cut



**Red - SBAC0125**  
Left Cut

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

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

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

**Universal Straight Tin Snips**

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



Always wear safety goggles, gloves at all time while working



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

**Universal Angled Tin Snips**

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



Always wear safety goggles, gloves at all time while working



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

**Multi Purpose Tin Snips**

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



Always wear safety goggles, gloves at all time while working



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

**Straight Pattern Snips**



**All-PURPOSE**

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

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



**TOPTUL**  
Other Tools Series



**Telescopic Pipe Cutter**

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



Retractable reamer

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

**Spare Cutting Wheel**



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

**Ratchet Pipe Cutter**

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



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

**Spare Cutting Wheel**



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

**Utility Knife (W/Spare Blade)**

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



ITEM NO.	LENGTH (mm)	Icons
SCAD1817	165	12 240

**Auto Reload Utility Knife (W/Spare Blade)**

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



ITEM NO.	LENGTH (mm)	Icons
SCAC1817	165	12 72

**10PCS Replacement Utility Knife Spare Blade Set**



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

ITEM NO.	SCAB18A0	Icons
		24 (SET)

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

**Heavy Duty Utility Knife with Spare Blade**



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

ITEM NO.	LENGTH (mm)	Icons
SCAA2017	165	12 72

**10PCS Utility Knife Blade Set**



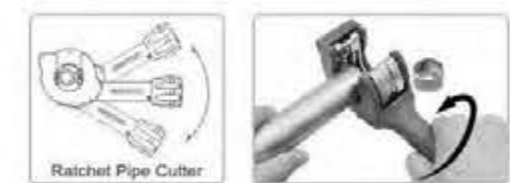
- Attaches to heavy duty utility knife #SCAA2017

ITEM NO.	SCAB2060	Icons
		25 (SET)

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

**Ratchet Pipe Cutter**

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



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

**Spare Cutting Wheel**



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

**Plastic Pipe Cutter**

- Expert Quality, adjustable tubing cutter with handle and hardened steel blade
  - Ratchets in 6-Degree increments while cutting 360-Degree around tube
  - Robust Zinc Alloy ratchet mechanism, ideal for confined space applications
  - Cuts Copper, Aluminum, Plastic and Stainless Steel thin wall tubing
  - Smooth cutting operation with 2 support rollers
  - Exclusive one hand operation
  - Plastic housing with large knurled knob
  - Spare cutting wheel supplied
- (Additional black Nylon material pipe holding stand/adaptor to be inserted into the jaw and enable to cut plastic material with flat or bevel surface such as plastic cable conduit, semicircle pipe and etc.)



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

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

**Multi-Purpose Hacksaw**

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



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

**Heavy Duty Hacksaw**

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



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

**Deluxe Mini Hacksaw**

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



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

**High Speed Steel Hacksaw Blades**



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

**High Speed Steel Hacksaw Blades**



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



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

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



ITEM NO.	Cutting Diameter Ø (mm)	L (mm)	1	50
SAAC4714	14	66	1	150
SAAC4716	16	66	1	150
SAAC4717	17	60	1	150
SAAC4719	19	60	1	150
SAAC4720	20	60	1	150
SAAC4722	22	60	1	100
SAAC4725	26	60	1	100
SAAC4727	27	60	1	100
SAAC4729	29	60	1	100
SAAC4735	35	60	1	100
SAAC4737	37	60	1	100
SAAC4738	38	60	1	100
SAAC4741	41	60	1	100
SAAC4744	44	53	1	100
SAAC4751	51	53	1	100
SAAC4754	54	53	1	100
SAAC4757	57	53	1	100
SAAC4760	60	53	1	100
SAAC4762	62	53	1	100
SAAC4764	64	53	1	100
SAAC4765	65	53	1	100
SAAC4776	76	53	1	50
SAAC4789	89	53	1	50
SAAC4792	92	53	1	50

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

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



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

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

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



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

**Telescoping Inspection Mirror with LED Light**

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



ITEM NO.	MIRROR SIZE W x L (mm)	LENGTH (mm)	1	120
JJAM0397	44 x 66	275 - 965	30	120

**Telescoping Inspection Mirror with LED Light**

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



ITEM NO.	MIRROR DIAMETER (mm)	LENGTH (mm)	1	120
JJAM0495	65mm	262 - 950	30	120

**Magnifying Telescoping Inspection Mirror with LED Light**

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



ITEM NO.	MIRROR DIAMETER (mm)	LENGTH (mm)	1	120
JJAM0596	55mm	268 - 955	30	120

**Magnetic Flexible Handle with LED Light**

- Flexible shaft holds shape and can retrieve at hard-to-reach angles and around obstructions
- With plastic shell protection magnet, and shield its sides from attaching to unwanted metal object
- Equipped with LED light can better checking dark area for easy retrieval the lost metal object during operation
- Anti-slip bi-component PA+PU material plastic handle
- Powered by 2 x AA batteries (not included)
- Magnetic capacity: 1.5kgs (3.3lbs)

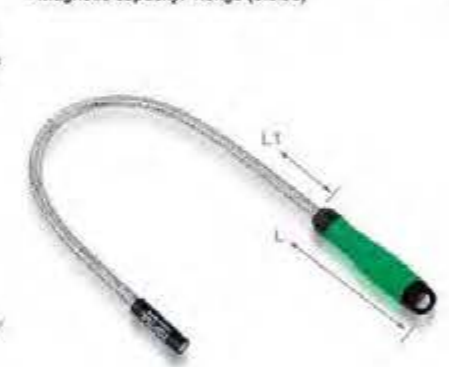


- Bright LED light can illuminates the work area and allows user to pick up wanted metal object easily

ITEM NO.	L1 (mm)	L (mm)	10	40
JJAD1625	495 (19-1/2")	640 (25")	10	40

**Magnetic Flexible Handle**

- Flexible shaft holds shape and can retrieve at hard-to-reach angles and around obstructions
- With plastic shell protection magnet, and shield its sides from attaching to unwanted metal object
- Anti-slip bi-component PA+PU material plastic handle
- Magnetic capacity: 1.5kgs (3.3lbs)



- Easy to access in confined area for picking up loosed object

ITEM NO.	L1 (mm)	L (mm)	10	40
JJAD1223	480 (19")	580 (23")	10	40

**Magnetic Flexible Handle**

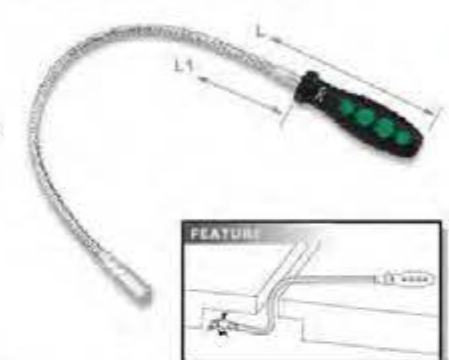
- Flexible shaft holds shape and can retrieve at hard-to-reach angles and around obstructions
- Magnetic capacity: 0.5kgs (1.1lbs)



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

**Magnetic Flexible Handle**

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



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

**Telescoping Inspection Mirror**



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

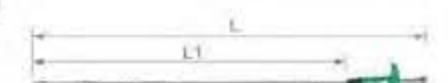
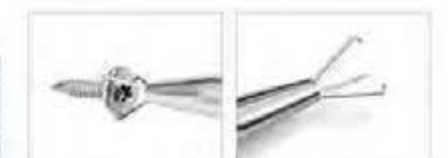
**Telescoping Inspection Mirror**



ITEM NO.	MIRROR SIZE W x L (mm)	LENGTH (mm)	25	100
JJAM0144	80 x 90	307 - 443	25	100

**3-Claw Pick-Up Tool**

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



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

**Telescoping Magnetic Pick-Up Tool**

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



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

**Telescoping Magnetic Pick-Up Tool**



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



## Professional Threaded Coil-Insert Repair Kit

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

### 9PCS

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



ITEM NO.	CONTENTS	10 (SET)
JGEW0901	<ul style="list-style-type: none"> <li>20 Stainless Steel Screw Coil Inserts M14x1.25mm (L=20mm)</li> <li>1 Install Tools M14x1.25mm</li> <li>1 HSS Thread Tap M14x1.25mm</li> <li>1 HSS Twist Drills M14 (Ø14.5mm)</li> <li>1 Pin Breaking Tools M14</li> </ul>	
PLASTIC BOX: W164 x D105 x H26 (mm)		

### 14PCS

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



ITEM NO.	CONTENTS	10 (SET)
JGEW1401	<ul style="list-style-type: none"> <li>20 Stainless Steel Screw Coil Inserts M12x1.75mmx1.5D (L=18mm)</li> <li>1 Install Tools M12x1.75mm</li> <li>1 HSS Thread Tap M12x1.75mm</li> <li>1 HSS Twist Drills M12 (Ø12.4mm)</li> <li>1 Pin Breaking Tools M12</li> </ul>	
PLASTIC BOX: W164 x D105 x H26 (mm)		

### 19PCS

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



ITEM NO.	CONTENTS	10 (SET)
JGEW1901	<ul style="list-style-type: none"> <li>20 Stainless Steel Screw Coil Inserts M10x1.5mmx1.5D (L=15mm)</li> <li>1 Install Tools M10x1.5mm</li> <li>1 HSS Thread Tap M10x1.5mm</li> <li>1 HSS Twist Drills M10 (Ø10.4mm)</li> <li>1 Pin Breaking Tools M10</li> </ul>	
PLASTIC BOX: W164 x D105 x H26 (mm)		

### 24PCS

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



ITEM NO.	CONTENTS	10 (SET)
JGEW2403	<ul style="list-style-type: none"> <li>20 Stainless Steel Screw Coil Inserts M8x1.25mmx1.5D (L=12mm)</li> <li>1 Install Tools M8x1.25mm</li> <li>1 HSS Thread Tap M8x1.25mm</li> <li>1 HSS Twist Drills M8 (Ø8.3mm)</li> <li>1 Pin Breaking Tools M8</li> </ul>	
PLASTIC BOX: W164 x D105 x H26 (mm)		

### 24PCS

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



ITEM NO.	CONTENTS	12 (SET)
JGEW2402	<ul style="list-style-type: none"> <li>20 Stainless Steel Screw Coil Inserts M6x1.0mmx1.5D (L=9mm)</li> <li>1 Install Tools M6x1.0mm</li> <li>1 HSS Thread Tap M6x1.0mm</li> <li>1 HSS Twist Drills M6 (Ø6.3mm)</li> <li>1 Pin Breaking Tools M6</li> </ul>	
PLASTIC BOX: W160 x D80 x H19 (mm)		

### 24PCS

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



ITEM NO.	CONTENTS	12 (SET)
JGEW2401	<ul style="list-style-type: none"> <li>20 Stainless Steel Screw Coil Inserts M5x0.8mmx1.5D (L=7.5mm)</li> <li>1 Install Tools M5x0.8mm</li> <li>1 HSS Thread Tap M5x0.8mm</li> <li>1 HSS Twist Drills M5 (Ø5.2mm)</li> <li>1 Pin Breaking Tools M5</li> </ul>	
PLASTIC BOX: W160 x D80 x H19 (mm)		

### 130PCS

Professional Threaded Coil-Insert Repair Kit

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

ITEM NO.	CONTENTS	8 (SET)
JGAD130A	<ul style="list-style-type: none"> <li>110 Stainless Steel Screw Coil Inserts                             <ul style="list-style-type: none"> <li>25PCS- M5x0.8mmx1.5D (L=7.5mm)</li> <li>25PCS- M6x1.0mmx1.5D (L=9.0mm)</li> <li>25PCS- M8x1.25mmx1.5D (L=12.0mm)</li> <li>25PCS- M10x1.5mmx1.5D (L=15.0mm)</li> <li>10PCS- M12x1.75mmx1.5D (L=18.0mm)</li> </ul> </li> <li>10 Twist Drills                             <ul style="list-style-type: none"> <li>M5 (Ø5.2mm), M6 (Ø6.3mm), M8 (Ø8.3mm), M10 (Ø10.4mm), M12 (Ø12.4mm)</li> </ul> </li> <li>10 Thread Taps                             <ul style="list-style-type: none"> <li>M5x0.8mm, M6x1.0mm, M8x1.25mm, M10x1.5mm, M12x1.75mm</li> </ul> </li> <li>10 Installation Tools                             <ul style="list-style-type: none"> <li>M5, M6, M8, M10, M12</li> </ul> </li> <li>10 Pin Breaking Tools                             <ul style="list-style-type: none"> <li>M5, M6, M8, M10, M12</li> </ul> </li> </ul>	
METAL CASE: W357 x D221 x H28 (mm)		



### Stainless Steel Screw Coil Inserts

- Include 20pcs per set



ITEM NO.	SIZE(mm)	Length(mm)	Apply To	400	3200
JLAZ0105	M5x0.8	7.5	JGAD130A, JGEW2401	400	3200
JLAZ0106	M6x1.0	9	JGAD130A, JGEW2402	400	3200
JLAZ0108	M8x1.25	12	JGAD130A, JGEW2403	300	2400
JLAZ0110	M10x1.5	15	JGAD130A, JGEW1901	200	1600
JLAZ0112	M12x1.75	18	JGAD130A, JGEW1401	100	800
JLAZ0210	M10x1.0	9.5	JGAI5601	200	1600
JLAZ0212	M12x1.25	19	JGAI5601	100	800
JLAZ0214	M14x1.25	11	JGAI5601, JGAI1003	100	800
JLAZ0314	M14x1.25	20	JGEW0901	100	800



1. Drill out damaged thread using correctly sized drill bit



2. Tap re-drilled hole using tap



3. Load coiled insert into applicator



4. Screw coil into casting



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



6. Thread is repaired and ready to use



**3PCS**  
Damaged Screw Remover Set

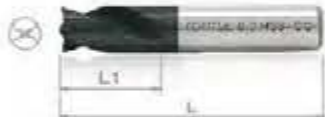
- Removes damaged Phillips, Slotted, Star and Square screws and etc.
- Special hardened steel bits for secure bite on damaged fasteners
- 1/4" hex shank fits drill, sockets and screwdrivers
- Material: Ball Bearing Steel (SUJ2)



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

ITEM NO.	CONTENTS	20 (SET)
JGAW0301	#1, #2, #3	

**Spot Weld Drill Bit**



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

ITEM NO.	SIZE(mm)	L1(mm)	L(mm)	20 (SET)
JJAX0817	Ø8	17	45	18 216
JJAX0821	Ø8	21	80	16 192

TOPTUL  
Специални Инструменти

**5PCS**  
Screw Extractor Set

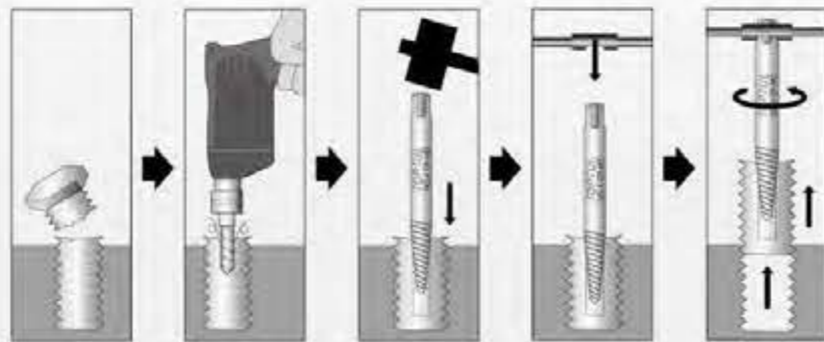


ITEM NO.	CONTENTS	25 (SET)
JGAW0501	1/8", 1/4", 5/16", 7/16", 9/16"	

**5PCS**  
Screw Extractor Set



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



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

**40PCS**  
Tap & Die Set



ITEM NO.	CONTENTS	10 (SET)
JGAI4001	24 Tap & Die M3x0.5, M3x0.6, M4x0.7, M4x0.75, M5x0.8, M5x0.9, M6x0.75, M6x1.0, M7x0.75, M7x1.0, M8x1.0, M8x1.25, M10x1.25, M10x1.5, M12x1.25, M12x1.5, 1/8 NPT-27 1 Die Stock Handle 1" / 25mm O.D. 1 Tap Wrench M3 - M12 1 T-Type Tap Wrench M3 - M6 1 Screw Pitch Gauge 0.5, 0.6, 0.7, 0.75, 0.8, 0.9, 1.0, 1.25, 1.5, 1.75, 27, 28 1 Slotted Screwdriver 0.6x3mm L=93mm 1 Blow Case W300xD230xH53mm BLOW CASE: W300 x D230 x H53 (mm)	

**Nut Splitter**



ITEM NO.	SIZE(mm)	L(mm)	20 (SET)
DAAX1A12	9 - 12	76	20 240
DAAX1A16	12 - 16	94	10 120
DAAX1A22	16 - 22	124	6 40
DAAX1A27	22 - 27	150	2 32

**4PCS**  
Nut Splitter Set



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

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

BLOW CASE: W260 x D170 x H60 (mm)

**Magnetic Trays**



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

**6PCS**  
1/2" DR. Impact Driver Set



ITEM NO.	CONTENTS	20 (SET)
GAAD0602	1 FIAA1615 1/2" Dr. Impact Driver - 145mm (L) 1 FTAB1610 Quick Change Bit Holder 1/2" Dr. x 5/16" (H) - 38mm (L) 2 FSAC1008 & 1010 5/16" Hex Shank Slotted Insert Bits 1.2 x 8 mm & 1.6 x 10 mm - 36mm (L) 2 FSBC1002 & 1003 5/16" Hex Shank Phillips Insert Bits PH2 & PH3 - 36mm (L) METAL CASE: W196 x D70 x H47 (mm)	

**8PCS**  
1/2" DR. Impact Driver Set



ITEM NO.	CONTENTS	20 (SET)
GAAD0808	1 FIAA1615 1/2" Dr. Impact Driver - 145mm (L) 1 FTAB1610 Quick Change Bit Holder 1/2" Dr. x 5/16" (H) - 38mm (L) 2 FSAC1008 & 1010 5/16" Hex Shank Slotted Insert Bits 1.2 x 8 mm & 1.6 x 10 mm - 36mm (L) 2 FSBC1002 & 1003 5/16" Hex Shank Phillips Insert Bits PH2 & PH3 - 36mm (L) 2 FSBD1002 & 1003 5/16" Hex Shank Phillips Insert Bits PH2 & PH3 - 60mm (L) METAL CASE: W196 x D70 x H47 (mm)	

**Tweezers**



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

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

**4PCS**  
Tweezers Set



ITEM NO.	CONTENTS	20 (SET)
JGAA0401	JJAV0112-0411 Tweezers	

**3 Row Stainless Steel Wire Scratch Brush**

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



ITEM NO.	LENGTH (mm)	12	72
NBAA0315	290	12	72

**Brake Calliper Brush**

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

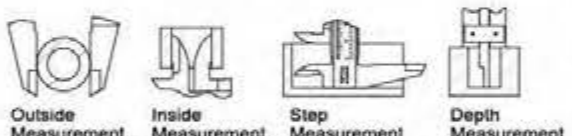
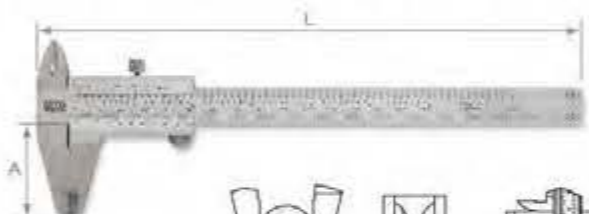


ITEM NO.	LENGTH (mm)	10	60
NBBA0212	219	10	60



**Stainless Steel Vernier Caliper**

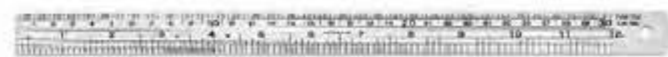
- Made of fully hardened Stainless Steel
- Accuracy: ±0.02 mm
- Graduations: 0.02 mm / 0.001 inch
- Measuring bar in both metric and imperial measurement
- Easy to read clear black engraved graduations
- For inside, outside, step and depth measurements
- Lock screw for sliding jaw
- Supplied in plastic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



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

**Stainless Steel Straight Ruler**

- Made of high quality Stainless Steel for maximum durability and corrosion protection
- Conversion table in the back can help quickly convert between inches and millimeters
- Permanently etched graduations of cm/mm and inches, 1/16", 1/32" and 1/64"
- Fine graduations for accurate measurements



ITEM NO.	Marked Length (cm / inch)	Width x Thickness (mm)
IABA0150	15cm / 6"	15 x 0.6
IABA0300	30cm / 12"	21.5 x 1.0
IABA0500	50cm / 20"	28.5 x 1.2
IABA1000	100cm / 40"	35 x 1.2



**20PCS Metric Feeler Gauge (Tapered Tips)**

**Metric Feeler Gauge (Tapered Tips)**

- 20 Blades made of hardened Spring Steel
- Thumb notch design of blade protector to aid in removal of blades
- Chrome plated steel protector with locking knurl nut
- CONTENTS: 0.05, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 0.95, 1.00mm



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

**26PCS Inch Feeler Gauge (Rounded Tips)**

**Inch Feeler Gauge (Rounded Tips)**

- 26 Blades made of hardened Spring Steel
- Dual marked blades for both imperial and metric sizes
- Thumb notch design of blade protector to aid in removal of blades
- Chrome plated steel protector with locking knurl nut
- CONTENTS: 0.0015", 0.002", 0.0025", 0.003", 0.004", 0.005", 0.006", 0.007", 0.008", 0.009", 0.010", 0.011", 0.012", 0.013", 0.014", 0.015", 0.016", 0.017", 0.018", 0.019", 0.020", 0.021", 0.022", 0.023", 0.024", 0.025"



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



PROFESSIONAL TOOLS

**Angel Nozzle Air Blow Gun**

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



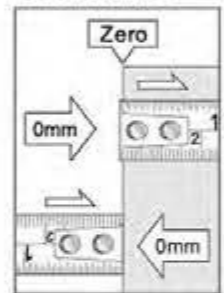
ITEM NO.	INLET (inch)	TUBE LENGTH (inch)	30	60
KAGA0204	1/4	4	30	60
KAGA0210	1/4	10	25	50

**Heavy Duty Measuring Tape**

- High impact resistant ABS case with soft grip
- Nylon coated steel tape for maximum corrosion protection & wear resistance
- Shock-Absorbing blade return bumper
- Double locking system, pause button allows blade to be stopped in any position



- Self-aligning end hook for very accurate internal/external measurements
- Decimal in red marking
- Dual scale reading in both Metric and Imperial
- Precision Class II



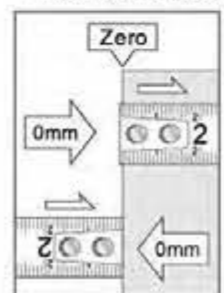
ITEM NO.	SIZE	TAPE WIDTH	6	48
IAAC1903	3M/10FT	3/4" (19mm)	6	48
IAAC1905	5M/16FT	3/4" (19mm)	6	48
IAAC2508	8M/26FT	1" (25mm)	6	48
IAAC3010	10M/33FT	1-3/16" (30mm)	3	36

**Heavy Duty Metric Measuring Tape**

- High impact resistant ABS case with soft grip
- Nylon coated steel tape for maximum corrosion protection & wear resistance
- Shock-Absorbing blade return bumper
- Double locking system, pause button allows blade to be stopped in any position



- Self-aligning end hook for very accurate internal/external measurements
- Decimal in red marking
- Scale in Metric size only
- Measuring accuracy according to EC accuracy class II



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

**Tool Lanyard**

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



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

**Tool Lanyard**

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



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



## Components & Spare Parts

### // Torque Wrench - Ratchet Wheel Repair Kits

ITEM NO.	DRIVE	APPLY TO
ALAD0803	1/4"	ANAF0803, ANAG0825
ALAD1203	3/8"	ANAF1203, ANAG1225, ANAL0412
ALAD1211	3/8"	ANAF1211, ANAG1208
ALAD1621	1/2"	ANAF1621, ANAG1616
ALAD1635	1/2"	ANAF1635, ANAG1625, ANAL0116
ALAD2450	3/4"	ANAF2450, ANAF2470, ANAF2498, ANAG2430, ANAG2460, ANAG2470
ALAD3298	1"	ANAF3298, ANAG3270

### // Torque Wrench - Ratchet Wheel Repair Kits

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

### // Torque Wrench - Ratchet Wheel Repair Kits

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

### // Torque Wrench - Ratchet Wheel Repair Kits

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

### // Torque Wrench - Ratchet Wheel Repair Kits

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

### // Swivel Handle Repair Kits

ITEM NO.	DRIVE	APPLY TO
CLAA0808	1/4"	CFAC0808, CFKA0808, CFAE0808
CLAA1212	3/8"	CFAC1210, CFKA1210, CFAE1210
CLAA1616	1/2"	CFAC1610, CFAC1615, CFKA1615, CFAE1615
CLAA2424	3/4"	CFAC2418, CFAC2424

### // Extra Long Swivel Handle Repair Kits

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

### // Ratchet Head Swivel Handle Repair Kits

ITEM NO.	DRIVE	APPLY TO
CLAD1212	3/8"	CEAD1216
CLAD1616	1/2"	CEAD1618

### // Swivel Handle Repair Kits

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

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

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

### // 24T Reversible Ratchet with Tube Handle Repair Kits

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

### // 72T Reversible Swivel Head Ratchet Repair Kits

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

### // 72T Curved Reversible Compact-Head Repair Kits

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

### // 36T Reversible Ratchet Handle with Quick Release Repair Kits

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

### // 43T Reversible Ratchet Handle with Quick Release Repair Kits

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

### // 45T Reversible Ratchet Handle with Quick Release Repair Kits

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

### // 48T Reversible Ratchet Handle with Quick Release Repair Kits

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

### // 48T Reversible Ratchet Handle with Quick Release Repair Kits

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

### // 60T Reversible Ratchet Handle with Quick Release Repair Kits

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

### // 72T Reversible Ratchet Handle with Quick Release Repair Kits

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

### // 72T Reversible Ratchet Handle with Quick Release Repair Kits

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







**TOPTUL PRODUCT INFO**

Find the latest product information from the new release special edition TOPTUL leaflet, brochure & general catalogue.



TOPTUL GENERAL CATALOGUE  
ST-0120  
ADAA4E47200

**Advanced Design**

Innovated Branding & Packaging

TOPTUL art designing team constantly enhances the brand image & product value by launching various TOPTUL promotional kits and packaging.



TOPTUL IMAGE LABEL  
PBW00002400  
(900 x 220 mm)



TOPTUL IMAGE LABEL  
PBW00002401  
(250 x 100 mm)



TOPTUL HAND BAG  
PBW00002501  
(400 x 280 x 90 mm)



TOPTUL HAND BAG  
PBW00002500  
(280 x 340 x 80 mm)

TOPTUL "THE MARK OF PROFESSIONAL TOOLS" SERIAL POSTERS



ADBAA080613



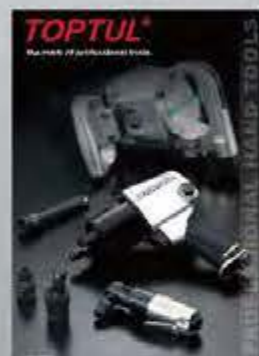
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ADBAA080609



ADBAA080600



ADBAA080601



ADBAA080603



ADBAA080608



ADBAA080606



ADBAA080605



ADBAA080610



TOPTUL A4 L-SHAPE FILE  
AXG00028002  
(220 x 310 mm)  
• Thickness: 0.18 mm PP  
• 2 PCS / SET



TOPTUL A4 L-SHAPE FILE  
AXG00028001  
(220 x 310 mm)  
• Thickness: 0.30 mm PP



TOPTUL A4 L-SHAPE FILE  
AXG00028003  
(220 x 310 mm)  
• Thickness: 0.40 mm PP



TOPTUL PROMOTION TENT  
(3x3M POP UP ALUMINUM FRAME CANOPY TENT)  
AXG00024001  
• Aluminum alloy frame  
• Waterproof polyester tent



TOPTUL PROMOTIONAL  
SAIL FLAG  
AXG00026001

- Sail Flag Size: 180 x 60 cm
- Aluminum telescoping flagpole (retractile flag pole size: 8 ~ 18 Ft)
- Fiberglass pole flexes in the wind
- Adjustable halyard pole
- Water base filled weight: 9 kg



**TOPTUL NEW EDITION**



**TOPTUL SUMMER POLO SHIRT**  
AXG00022002-07 (S-3L)



**TOPTUL WINTER POLO SHIRT**  
AXG00025002-007 (S-3L)



**TOPTUL SUMMER POLO SHIRT**  
AXG00011702-07 (S-3L)



**TOPTUL WINTER POLO SHIRT**  
AXG00012002-07 (S-3L)



**TOPTUL SUMMER POLO SHIRT**  
AXG00019002-07 (S-3L)



AXG00008904



AXG00008903



AXG00008901



AXG00008902

**TOPTUL BASEBALL CAP**



**TOPTUL OVERALLS (Green)**  
\* AXG00012101-05 (M-3L)



**TOPTUL OVERALLS (Black)**  
AXG00012201-05 (M-3L)



**TOPTUL VEST**  
AXG00010601-06 (S-3L)



**TOPTUL BASEBALL JACKET**  
AXG00013002-07 (S-3L)



**TOPTUL FULL-ZIP HOODED JACKET**  
AXG00029001-06 (S-3L)

- Soft, comfortable 100% cotton
- Zipper closure
- Contrast lining in hood
- Dual front pockets with embroidered logoing at chest



**TOPTUL CYCLING JERSEY**  
\* AXG00011102-06 (S-2L)

**TOPTUL CYCLING SHORTS**  
\* AXG00011202-06 (S-2L)



**TOPTUL WORK GLOVES**  
AXG00020001-05 (S-2XL)



- Quick dry
- Effectively dissipates heat away from skin



- Non-slip design on palm and fingers to provide comfort-grip



**TOPTUL COVERALLS**  
AXG00010001-04 (M-2L)



**TOPTUL NEW EDITION**



**TOPTUL LIGHTWEIGHT TRAVELLING BAG**  
AXG00014002  
(600 x 300 x 320 mm)



**TOPTUL TOOL BELT**  
PBW00002800  
(760 x 360 mm)



**TOPTUL TOOL BAG**  
PBW00002900  
(430 x 250 x 360 mm)



**TOPTUL UTILITY BRIEFCASE**  
AXG00015001  
(460 x 330 x 130 mm)



• SHOULDER CARRY

• BACKPACKING

• HAND CARRY



**TOPTUL RACING UMBRELLA**  
AXG00027001

- Size: 27"
- Durable 190T pongee polyester canopy
- Automatic open and close function
- Supplying with a portable umbrella cover



**TOPTUL WATER REPELLENT UMBRELLA**  
AXG00027002

- Size: 27"
- Durable waterproof 210T pongee polyester canopy
- Automatic open and close function
- Supplying with a portable umbrella cover



**TOPTUL STAINLESS STEEL VACUUM CUP**  
AXG00018001



**TOPTUL IMPACT WRENCH HOLDER**  
AXG00012302



• Not included Air tool with coupler and plug connector



**TOPTUL SMART PHONE HOLDER**  
AXG00021001



**TOPTUL PAPER CUP**  
AXG00001201



**TOPTUL COFFEE CUP SET**  
• AXG0001010200



**TOPTUL SPORTS TOWEL**  
AXG00023001  
(270 x 1000 mm)



• Soft, comfort and excellent moisture absorption are notable features of this newly designed towel. The towel is made of lightweight terry loop fabric and easy for removing dirt.



AXG00010202      AXG00010203

**TOPTUL QUICK RELEASE KEY CHAIN SET**  
(W/PH2 SCREWDRIVER BIT)





Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
<b>AA...</b>	AAAR2323 91	AAAT1818 91	AABM0607 106	AAEB1212 97	AAEH146 103	AAEJ3335 104	AAEW1515 89	ABAD1215 111	ACEB1111 97						AAAC0809 106	AAAR2424 91	AAAT1919 91	AABM0809 106	AAEB1313 97	AAEH4650 103	AAEJ3436 104	AAEW1616 89	ABAD1619 111	ACEB1212 97						AAAC1012 106	AAAR2525 91	AAAT2020 91	AABM1011 106	AAEB1414 97	AAEH5560 103	AAEJ3538 104	AAEW1717 89	ABAF0606 108	ACEB1414 97						AAAC1113 106	AAAR2626 91	AAAT2121 91	AABM1213 106	AAEB1515 97	AAEI0607 101	AAEJ3641 104	AAEW1818 89	ABAF0808 108	ACEB1616 97						AAAC1417 106	AAAR2727 91	AAAT2222 91	AABM1415 106	AAEB1616 97	AAEI0809 101	AAEJ3842 104	AAEW1919 89	ABAF0909 108	ACEB1818 97						AAAC1618 106	AAAR2828 91	AAAT2323 91	AABM1617 106	AAEB1717 97	AAEI0810 101	AAEJ4146 104	AAEW2020 89	ABAF1010 108	ACEB2020 97						AAAC1922 106	AAAR2929 91	AAAT2424 91	AABM1719 106	AAEB1818 97	AAEI1011 101	AAEJ4650 104	AAEW2121 89	ABAF1111 108	ACEB2222 97						AAAF0707 107	AAAR3030 91	AAAT2525 91	AABM1819 106	AAEB1919 97	AAEI1012 101	AAEJ5055 104	AAEW2222 89	ABAF1212 108	ACEB2424 97						AAAF0808 107	AAAR3232 91	AAAT2626 91	AABM2022 106	AAEB2020 97	AAEI1013 101	AAEJ5560 104	AAEW2323 89	ABAF1313 108	ACEB2626 97						AAAF0909 107	AAAR3333 91	AAAT2727 91	AABM2123 106	AAEB2121 97	AAEI1213 101	AAEJE507 104	AAEW2424 89	ABAF1414 108	ACEB2828 97						AAAF1010 107	AAAR3434 91	AAAT2828 91	AABM2224 106	AAEB2222 97	AAEI1214 101	AAEL1010 94	AAEW2525 89	ABAF1515 108	ACEB3030 97						AAAF1111 107	AAAR3535 91	AAAT2929 91	AABM2426 106	AAEB2323 97	AAEI1317 101	AAEL1111 94	AAEW2626 89	ABAF1616 108	ACEB3232 97						AAAF1212 107	AAAR3636 91	AAAT3030 91	AABM2528 106	AAEB2424 97	AAEI1415 101	AAEL1212 94	AAEW2727 89	ABAF1717 108	ACEB3434 97						AAAF1313 107	AAAR3838 91	AAAT3232 91	AABM3032 106	AAEB2525 97	AAEI1417 101	AAEL1313 94	AAEW2828 89	ABAF1818 108	ACEB3636 97						AAAF1414 107	AAAR4040 91	AAAT3333 91	AABW0606 95	AAEB2626 97	AAEI1617 101	AAEL1414 94	AAEW2929 89	ABAF1919 108	ACEB4040 97						AAAF1515 107	AAAR4141 91	AAAT3434 91	AABW0707 95	AAEB2727 97	AAEI1618 101	AAEL1515 94	AAEW3030 89	ABAF2222 108	ACEB4242 97						AAAF1616 107	AAAR4242 91	AAAT3535 91	AABW0808 95	AAEB2828 97	AAEI1719 101	AAEL1616 94	AAEW3232 89	ABAF2424 108	ACEB4444 97						AAAF1717 107	AAAR4343 91	AAAT3636 91	AABW0909 95	AAEB2929 97	AAEI1819 101	AAEL1717 94	AAEW3332 89	ABAF2727 108	ACEB4646 97						AAAF1818 107	AAAR4444 91	AAAT3838 91	AABW1010 95	AAEB3030 97	AAEI1821 101	AAEL1818 94	AAEW3332 89	ABAF3030 108	ACEB4848 97						AAAF1919 107	AAAR4545 91	AAAT4141 91	AABW1111 95	AAEB3232 97	AAEI1922 101	AAEL1919 94	AAEW3332 89	ABAF3232 108	ACEB5252 97						AAAG0707 106	AAAR4646 91	AAAT4242 91	AABW1212 95	AAEB3333 97	AAEI2022 101	AAEN0606 100	AAEW3332 89								AAAG0808 106	AAAR4747 91	AAAT4343 91	AABW1313 95	AAEB3434 97	AAEI2123 101	AAEN0707 100	AAEW3332 89	<b>AC...</b>	ACEB5454 97						AAAG0909 106	AAAR4848 91	AAAT4444 91	AABW1414 95	AAEB3535 97	AAEI2224 101	AAEN0808 100	AAEW3332 89	ACAF1010 107	ACEB5656 97						AAAG1010 106	AAAR5050 91	AAAT4545 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97						AAAG1919 106	AAAR8585 91	AAAU2727 92	AABW2323 95	AAEB4848 97	AAEI3436 101	AAEN1717 100	AAEW3332 89	ACAH0810 103	ACEW0808 89						AAAH0608 103	AAAR9090 91	AAAU3030 92	AABW2424 95	AAEB5050 97	AAEI3641 101	AAEN1818 100	AAEW3332 89	ACAH1416 103	ACEW1010 89						AAAH0809 103	AAAR9595 91	AAAU3232 92	AABW2525 95	AAEB5555 97	AAEI3842 101	AAEN1919 100	AAEW3332 89	ACAH1820 103	ACEW1111 89						AAAH1011 103	AAARA0A0 91	AAAU3636 92	AABW2626 95	AAEB6060 97	AAEI4146 101	AAEN2020 100	AAEW3332 89	ACAH1922 103	ACEW1212 89						AAAH1113 103	AAARA5A5 91	AAAU3838 92	AABW2727 95	AAEB6565 97	AAEI4650 101	AAEN2121 100	AAEW3332 89	ACAH2022 103	ACEW1414 89						AAAH1213 103	AAARB0B0 91	AAAU4141 92	AABW2828 95	AAEB7070 97	AAEJ0405 104	AAEN2222 100	AAEW3332 89	ACAH2224 103	ACEW1616 89						AAAH1415 103	AAARB5B5 91	AAAU4343 92	AABW2929 95	AAEB7575 97	AAEJ0607 104	AAEN2323 100	AAEW3332 89	ACAH2425 103	ACEW1818 89						AAAH1617 103	AAARC0C0 91	AAAU4646 92	AABW3030 95	AAEB8080 97	AAEJ0808 104	AAEN2424 100	AAEW3332 89	ACAH2426 103	ACEW2020 89						AAAH1719 103	AAARC5C5 91	AAAU5050 92	AABW3232 95	AAEB8585 97	AAEJ0809 104	AAEN2525 100	AAEW3332 89	ACAH2428 103	ACEW2222 89						AAAH1819 103	AAARD0D0 91	AAAU5555 92	AAEA0606 93	AAEE0711 105	AAEJ0810 104	AAEN2626 100	AAEW3332 89	ACAH2628 103	ACEW2424 89						AAAH1922 103	AAARD5D5 91	AAAU6060 92	AAEA0707 93	AAEE1012 105	AAEJ0911 104	AAEN2727 100	AAEW3332 89	ACAH2830 103	ACEW2626 89						AAAH2022 103	AAARE0E0 91	AAAU6565 92	AAEA0808 93	AAEE1418 105	AAEJ1011 104	AAEN2828 100	AAEW3332 89	ACAH3032 103	ACEW2828 89						AAAH2123 103	AAARE5E5 91	AAAU7070 92	AAEA0909 93	AAEE1622 105	AAEJ1012 104	AAEN2929 100	AAEW3332 89	ACAH3236 103	ACEW3030 89						AAAH2224 103	AAARF0F0 91	AAAU7575 92	AAEA1010 93	AAEE2024 105	AAEJ1013 104	AAEN3030 100	AAEW3332 89	ACAH3440 103	ACEW3434 89						AAAH2326 103	AAAS1717 91	AAAU8080 92	AAEA1111 93	AAEH0807 103	AAEJ1113 104	AAEN3232 100	AAEW3332 89	ACAH3640 103	ACEW3636 89						AAAH2426 103	AAAS1919 91	AAAU8585 92	AAEA1212 93	AAEH0708 103	AAEJ1213 104	AAEN3332 100	AAEW3332 89	ACAH4046 103	ACEW4040 89						AAAH2427 103	AAAS2121 91	AAAU9090 92	AAEA1313 93	AAEH0809 103	AAEJ1214 104	AAEQ0909 90	AAEW3332 89	ACAH4248 103	ACEX0808 87						AAAH2430 103	AAAS2222 91	AAAU9595 92	AAEA1414 93	AAEH0810 103	AAEJ1315 104	AAEQ1010 90	AAEW3332 89	ACAH4652 103	ACEX1010 87						AAAH2528 103	AAAS2323 91	AAAU0A0A 92	AAEA1515 93	AAEH1011 103	AAEJ1317 104	AAEQ1111 90	AAEW3332 89	ACAH4852 103	ACEX1111 87						AAAH2629 103	AAAS2424 91	AAAU0A5A 92	AAEA1616 93	AAEH1012 103	AAEJ1415 104	AAEQ1212 90	AAEW3332 89	ACAH5258 103	ACEX1212 87						AAAH2729 103	AAAS2626 91	AAAV2424 92	AAEA1717 93	AAEH1113 103	AAEJ1417 104	AAEQ1313 90	AAEW3332 89	ACAH5460 103	ACEX1414 87						AAAH2730 103	AAAS2727 91	AAAV2727 92	AAEA1818 93	AAEH1213 103	AAEJ1617 104	AAEQ1414 90	AAEW3332 89	ACAH5864 103	ACEX1616 87						AAAH2732 103	AAAS2929 91	AAAV3030 92	AAEA1919 93	AAEH1214 103	AAEJ1618 104	AAEQ1515 90	AAEW3332 89	ACAH7278 103	ACEX1818 87						AAAH2932 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95	AAEB2828 97	AAEI1719 101	AAEL1616 94	AAEW3232 89	ABAF2424 108	ACEB4444 97						AAAF1717 107	AAAR4343 91	AAAT3636 91	AABW0909 95	AAEB2929 97	AAEI1819 101	AAEL1717 94	AAEW3332 89	ABAF2727 108	ACEB4646 97						AAAF1818 107	AAAR4444 91	AAAT3838 91	AABW1010 95	AAEB3030 97	AAEI1821 101	AAEL1818 94	AAEW3332 89	ABAF3030 108	ACEB4848 97						AAAF1919 107	AAAR4545 91	AAAT4141 91	AABW1111 95	AAEB3232 97	AAEI1922 101	AAEL1919 94	AAEW3332 89	ABAF3232 108	ACEB5252 97						AAAG0707 106	AAAR4646 91	AAAT4242 91	AABW1212 95	AAEB3333 97	AAEI2022 101	AAEN0606 100	AAEW3332 89								AAAG0808 106	AAAR4747 91	AAAT4343 91	AABW1313 95	AAEB3434 97	AAEI2123 101	AAEN0707 100	AAEW3332 89	<b>AC...</b>	ACEB5454 97						AAAG0909 106	AAAR4848 91	AAAT4444 91	AABW1414 95	AAEB3535 97	AAEI2224 101	AAEN0808 100	AAEW3332 89	ACAF1010 107	ACEB5656 97						AAAG1010 106	AAAR5050 91	AAAT4545 91	AABW1515 95	AAEB3636 97	AAEI2426 101	AAEN0909 100	AAEW3332 89	ACAF1111 107	ACEB5858 97						AAAG1111 106	AAAR5252 91	AAAT4646 91	AABW1616 95	AAEB3838 97	AAEI2427 101	AAEN1010 100	AAEW3332 89	ACAF1212 107	ACEB6060 97						AAAG1313 106	AAAR5555 91	AAAT4848 91	AABW1717 95	AAEB4040 97	AAEI2528 101	AAEN1111 100	AAEW3332 89	ACAF1414 107	ACEB6464 97						AAAG1414 106	AAAR6060 91	AAAT5050 91	AABW1818 95	AAEB4141 97	AAEI2729 101	AAEN1212 100	AAEW3332 89	ACAF1616 107	ACEB6868 97						AAAG1515 106	AAAR6565 91	AAAT5555 91	AABW1919 95	AAEB4242 97	AAEI2730 101	AAEN1313 100	AAEW3332 89	ACAF1818 107	ACEB7070 97						AAAG1616 106	AAAR7070 91	AAAT5858 91	AABW2020 95	AAEB4343 97	AAEI2732 101	AAEN1414 100	AAEW3332 89	ACAF2020 107	ACEB7272 97						AAAG1717 106	AAAR7575 91	AAAT6060 91	AABW2121 95	AAEB4545 97	AAEI3032 101	AAEN1515 100	AAEW3332 89	ACAF2222 107	ACEB7676 97						AAAG1818 106	AAAR8080 91	AAAU2424 92	AABW2222 95	AAEB4646 97	AAEI3236 101	AAEN1616 100	AAEW3332 89	ACAF2424 107	ACEB8080 97						AAAG1919 106	AAAR8585 91	AAAU2727 92	AABW2323 95	AAEB4848 97	AAEI3436 101	AAEN1717 100	AAEW3332 89	ACAH0810 103	ACEW0808 89						AAAH0608 103	AAAR9090 91	AAAU3030 92	AABW2424 95	AAEB5050 97	AAEI3641 101	AAEN1818 100	AAEW3332 89	ACAH1416 103	ACEW1010 89						AAAH0809 103	AAAR9595 91	AAAU3232 92	AABW2525 95	AAEB5555 97	AAEI3842 101	AAEN1919 100	AAEW3332 89	ACAH1820 103	ACEW1111 89						AAAH1011 103	AAARA0A0 91	AAAU3636 92	AABW2626 95	AAEB6060 97	AAEI4146 101	AAEN2020 100	AAEW3332 89	ACAH1922 103	ACEW1212 89						AAAH1113 103	AAARA5A5 91	AAAU3838 92	AABW2727 95	AAEB6565 97	AAEI4650 101	AAEN2121 100	AAEW3332 89	ACAH2022 103	ACEW1414 89						AAAH1213 103	AAARB0B0 91	AAAU4141 92	AABW2828 95	AAEB7070 97	AAEJ0405 104	AAEN2222 100	AAEW3332 89	ACAH2224 103	ACEW1616 89						AAAH1415 103	AAARB5B5 91	AAAU4343 92	AABW2929 95	AAEB7575 97	AAEJ0607 104	AAEN2323 100	AAEW3332 89	ACAH2425 103	ACEW1818 89						AAAH1617 103	AAARC0C0 91	AAAU4646 92	AABW3030 95	AAEB8080 97	AAEJ0808 104	AAEN2424 100	AAEW3332 89	ACAH2426 103	ACEW2020 89						AAAH1719 103	AAARC5C5 91	AAAU5050 92	AABW3232 95	AAEB8585 97	AAEJ0809 104	AAEN2525 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87						AAAH3032 103	AAAS3232 91	AAAV3636 92	AAEA2121 93	AAEH1417 103	AAEJ1819 104	AAEQ1717 90	AAEW3332 89	ACEA1010 93	ACEX2020 87						AAAH3641 103	AAAS3434 91	AAAV3838 92	AAEA2222 93	AAEH1617 103	AAEJ1921 104	AAEQ1818 90	AAEW3332 89	ACEA1111 93	ACEX2222 87						AAAH4146 103	AAAS3535 91	AAAV4141 92	AAEA2323 93	AAEH1719 103	AAEJ1922 104	AAEQ1919 90	AAEW3332 89	ACEA1212 93	ACEX2424 87						AAAH5560 103	AAAS3636 91	AAAV4343 92	AAEA2424 93	AAEH1819 103	AAEJ2021 104	AAEQ2020 90	AAEW3332 89	ACEA1414 93	ACEX2626 87						AAAK0809 106	AAAS3838 91	AAAV4646 92	AAEA2525 93	AAEH1921 103	AAEJ2022 104	AAEQ2121 90	AAEW3332 89	ACEA1616 93	ACEX2828 87						AAAK1011 106	AAAS4141 91	AAAV5050 92	AAEA2626 93	AAEH1922 103	AAEJ2123 104	AAEQ2222 90	AAEW3332 89	ACEA1818 93	ACEX3030 87						AAAK1213 106	AAAS4343 91	AAAV5555 92	AAEA2727 93	AAEH2022 103	AAEJ2224 104	AAEQ2323 90	AAEW3332 89	ACEA2020 93	ACEX3232 87						AAAK1415 106	AAAS4444 91	AAAV6060 92	AAEA2828 93	AAEH2123 103	AAEJ2426 104	AAEQ2424 90	AAEW3332 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104																														
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93	ACEX4040 87						AAAP0810 106	AAAS5050 91	AAAV7575 92	AAEA3232 93	AAEH2427 103	AAEJ2628 104	AAEQ2808 89	AAEW3332 89	ACEA2828 93	<b>AD...</b>						AAAP1012 106	AAAS5555 91	AAAV8080 92	AAEB0606 97	AAEH2528 103	AAEJ2729 104	AAEQ2909 89	AAEW3332 89	ACEA3030 93	ADAF0808 107						AAAP1214 106	AAAS5858 91	AAAV8585 92	AAEB0707 97	AAEH2730 103	AAEJ2730 104	AAEQ3030 89	AAEW3332 89	ACEA3232 93	ADAF1010 107						AAAP1417 106	AAAS6060 91	AAAV9090 92	AAEB0808 97	AAEH3032 103	AAEJ2732 104	AAEQ3111 89	AAEW3332 89	ACEA3434 93	ADAF1212 107						AAAP1719 106	AAAS6565 91	AAAV9595 92	AAEB0909 97	AAEH3236 103	AAEJ3032 104	AAEQ3236 89	AAEW3332 89	ACEA3636 93	ADAF1414 107						AAAP2224 106	AAAT1616 91	AAAVA0A0 92	AAEB1010 97	AAEH3641 103	AAEJ3235 104	AAEQ3335 89	AAEW3332 89	ACEA4040 93	ADAF1616 107						AAAR2222 91	AAAT1717 91	AAAVA5A5 92	AAEB1111 97	AAEH3842 103	AAEJ3236 104																																													
AAAC1417 106	AAAR2727 91	AAAT2222 91	AABM1415 106	AAEB1616 97	AAEI0809 101	AAEJ3842 104	AAEW1919 89	ABAF0909 108	ACEB1818 97						AAAC1618 106	AAAR2828 91	AAAT2323 91	AABM1617 106	AAEB1717 97	AAEI0810 101	AAEJ4146 104	AAEW2020 89	ABAF1010 108	ACEB2020 97						AAAC1922 106	AAAR2929 91	AAAT2424 91	AABM1719 106	AAEB1818 97	AAEI1011 101	AAEJ4650 104	AAEW2121 89	ABAF1111 108	ACEB2222 97						AAAF0707 107	AAAR3030 91	AAAT2525 91	AABM1819 106	AAEB1919 97	AAEI1012 101	AAEJ5055 104	AAEW2222 89	ABAF1212 108	ACEB2424 97						AAAF0808 107	AAAR3232 91	AAAT2626 91	AABM2022 106	AAEB2020 97	AAEI1013 101	AAEJ5560 104	AAEW2323 89	ABAF1313 108	ACEB2626 97						AAAF0909 107	AAAR3333 91	AAAT2727 91	AABM2123 106	AAEB2121 97	AAEI1213 101	AAEJE507 104	AAEW2424 89	ABAF1414 108	ACEB2828 97						AAAF1010 107	AAAR3434 91	AAAT2828 91	AABM2224 106	AAEB2222 97	AAEI1214 101	AAEL1010 94	AAEW2525 89	ABAF1515 108	ACEB3030 97						AAAF1111 107	AAAR3535 91	AAAT2929 91	AABM2426 106	AAEB2323 97	AAEI1317 101	AAEL1111 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93	<b>AD...</b>						AAAP1012 106	AAAS5555 91	AAAV8080 92	AAEB0606 97	AAEH2528 103	AAEJ2729 104	AAEQ2909 89	AAEW3332 89	ACEA3030 93	ADAF0808 107						AAAP1214 106	AAAS5858 91	AAAV8585 92	AAEB0707 97	AAEH2730 103	AAEJ2730 104	AAEQ3030 89	AAEW3332 89	ACEA3232 93	ADAF1010 107						AAAP1417 106	AAAS6060 91	AAAV9090 92	AAEB0808 97	AAEH3032 103	AAEJ2732 104	AAEQ3111 89	AAEW3332 89	ACEA3434 93	ADAF1212 107						AAAP1719 106	AAAS6565 91	AAAV9595 92	AAEB0909 97	AAEH3236 103	AAEJ3032 104	AAEQ3236 89	AAEW3332 89	ACEA3636 93	ADAF1414 107						AAAP2224 106	AAAT1616 91	AAAVA0A0 92	AAEB1010 97	AAEH3641 103	AAEJ3235 104	AAEQ3335 89	AAEW3332 89	ACEA4040 93	ADAF1616 107						AAAR2222 91	AAAT1717 91	AAAVA5A5 92	AAEB1111 97	AAEH3842 103	AAEJ3236 104																																																												
AAAC1618 106	AAAR2828 91	AAAT2323 91	AABM1617 106	AAEB1717 97	AAEI0810 101	AAEJ4146 104	AAEW2020 89	ABAF1010 108	ACEB2020 97						AAAC1922 106	AAAR2929 91	AAAT2424 91	AABM1719 106	AAEB1818 97	AAEI1011 101	AAEJ4650 104	AAEW2121 89	ABAF1111 108	ACEB2222 97						AAAF0707 107	AAAR3030 91	AAAT2525 91	AABM1819 106	AAEB1919 97	AAEI1012 101	AAEJ5055 104	AAEW2222 89	ABAF1212 108	ACEB2424 97						AAAF0808 107	AAAR3232 91	AAAT2626 91	AABM2022 106	AAEB2020 97	AAEI1013 101	AAEJ5560 104	AAEW2323 89	ABAF1313 108	ACEB2626 97						AAAF0909 107	AAAR3333 91	AAAT2727 91	AABM2123 106	AAEB2121 97	AAEI1213 101	AAEJE507 104	AAEW2424 89	ABAF1414 108	ACEB2828 97						AAAF1010 107	AAAR3434 91	AAAT2828 91	AABM2224 106	AAEB2222 97	AAEI1214 101	AAEL1010 94	AAEW2525 89	ABAF1515 108	ACEB3030 97						AAAF1111 107	AAAR3535 91	AAAT2929 91	AABM2426 106	AAEB2323 97	AAEI1317 101	AAEL1111 94	AAEW2626 89	ABAF1616 108	ACEB3232 97						AAAF1212 107	AAAR3636 91	AAAT3030 91	AABM2528 106	AAEB2424 97	AAEI1415 101	AAEL1212 94	AAEW2727 89	ABAF1717 108	ACEB3434 97						AAAF1313 107	AAAR3838 91	AAAT3232 91	AABM3032 106	AAEB2525 97	AAEI1417 101	AAEL1313 94	AAEW2828 89	ABAF1818 108	ACEB3636 97						AAAF1414 107	AAAR4040 91	AAAT3333 91	AABW0606 95	AAEB2626 97	AAEI1617 101	AAEL1414 94	AAEW2929 89	ABAF1919 108	ACEB4040 97						AAAF1515 107	AAAR4141 91	AAAT3434 91	AABW0707 95	AAEB2727 97	AAEI1618 101	AAEL1515 94	AAEW3030 89	ABAF2222 108	ACEB4242 97						AAAF1616 107	AAAR4242 91	AAAT3535 91	AABW0808 95	AAEB2828 97	AAEI1719 101	AAEL1616 94	AAEW3232 89	ABAF2424 108	ACEB4444 97						AAAF1717 107	AAAR4343 91	AAAT3636 91	AABW0909 95	AAEB2929 97	AAEI1819 101	AAEL1717 94	AAEW3332 89	ABAF2727 108	ACEB4646 97						AAAF1818 107	AAAR4444 91	AAAT3838 91	AABW1010 95	AAEB3030 97	AAEI1821 101	AAEL1818 94	AAEW3332 89	ABAF3030 108	ACEB4848 97						AAAF1919 107	AAAR4545 91	AAAT4141 91	AABW1111 95	AAEB3232 97	AAEI1922 101	AAEL1919 94	AAEW3332 89	ABAF3232 108	ACEB5252 97						AAAG0707 106	AAAR4646 91	AAAT4242 91	AABW1212 95	AAEB3333 97	AAEI2022 101	AAEN0606 100	AAEW3332 89								AAAG0808 106	AAAR4747 91	AAAT4343 91	AABW1313 95	AAEB3434 97	AAEI2123 101	AAEN0707 100	AAEW3332 89	<b>AC...</b>	ACEB5454 97						AAAG0909 106	AAAR4848 91	AAAT4444 91	AABW1414 95	AAEB3535 97	AAEI2224 101	AAEN0808 100	AAEW3332 89	ACAF1010 107	ACEB5656 97						AAAG1010 106	AAAR5050 91	AAAT4545 91	AABW1515 95	AAEB3636 97	AAEI2426 101	AAEN0909 100	AAEW3332 89	ACAF1111 107	ACEB5858 97						AAAG1111 106	AAAR5252 91	AAAT4646 91	AABW1616 95	AAEB3838 97	AAEI2427 101	AAEN1010 100	AAEW3332 89	ACAF1212 107	ACEB6060 97						AAAG1313 106	AAAR5555 91	AAAT4848 91	AABW1717 95	AAEB4040 97	AAEI2528 101	AAEN1111 100	AAEW3332 89	ACAF1414 107	ACEB6464 97						AAAG1414 106	AAAR6060 91	AAAT5050 91	AABW1818 95	AAEB4141 97	AAEI2729 101	AAEN1212 100	AAEW3332 89	ACAF1616 107	ACEB6868 97						AAAG1515 106	AAAR6565 91	AAAT5555 91	AABW1919 95	AAEB4242 97	AAEI2730 101	AAEN1313 100	AAEW3332 89	ACAF1818 107	ACEB7070 97						AAAG1616 106	AAAR7070 91	AAAT5858 91	AABW2020 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103	AAARB0B0 91	AAAU4141 92	AABW2828 95	AAEB7070 97	AAEJ0405 104	AAEN2222 100	AAEW3332 89	ACAH2224 103	ACEW1616 89						AAAH1415 103	AAARB5B5 91	AAAU4343 92	AABW2929 95	AAEB7575 97	AAEJ0607 104	AAEN2323 100	AAEW3332 89	ACAH2425 103	ACEW1818 89						AAAH1617 103	AAARC0C0 91	AAAU4646 92	AABW3030 95	AAEB8080 97	AAEJ0808 104	AAEN2424 100	AAEW3332 89	ACAH2426 103	ACEW2020 89						AAAH1719 103	AAARC5C5 91	AAAU5050 92	AABW3232 95	AAEB8585 97	AAEJ0809 104	AAEN2525 100	AAEW3332 89	ACAH2428 103	ACEW2222 89						AAAH1819 103	AAARD0D0 91	AAAU5555 92	AAEA0606 93	AAEE0711 105	AAEJ0810 104	AAEN2626 100	AAEW3332 89	ACAH2628 103	ACEW2424 89						AAAH1922 103	AAARD5D5 91	AAAU6060 92	AAEA0707 93	AAEE1012 105	AAEJ0911 104	AAEN2727 100	AAEW3332 89	ACAH2830 103	ACEW2626 89						AAAH2022 103	AAARE0E0 91	AAAU6565 92	AAEA0808 93	AAEE1418 105	AAEJ1011 104	AAEN2828 100	AAEW3332 89	ACAH3032 103	ACEW2828 89						AAAH2123 103	AAARE5E5 91	AAAU7070 92	AAEA0909 93	AAEE1622 105	AAEJ1012 104	AAEN2929 100	AAEW3332 89	ACAH3236 103	ACEW3030 89						AAAH2224 103	AAARF0F0 91	AAAU7575 92	AAEA1010 93	AAEE2024 105	AAEJ1013 104	AAEN3030 100	AAEW3332 89	ACAH3440 103	ACEW3434 89						AAAH2326 103	AAAS1717 91	AAAU8080 92	AAEA1111 93	AAEH0807 103	AAEJ1113 104	AAEN3232 100	AAEW3332 89	ACAH3640 103	ACEW3636 89						AAAH2426 103	AAAS1919 91	AAAU8585 92	AAEA1212 93	AAEH0708 103	AAEJ1213 104	AAEN3332 100	AAEW3332 89	ACAH4046 103	ACEW4040 89						AAAH2427 103	AAAS2121 91	AAAU9090 92	AAEA1313 93	AAEH0809 103	AAEJ1214 104	AAEQ0909 90	AAEW3332 89	ACAH4248 103	ACEX0808 87						AAAH2430 103	AAAS2222 91	AAAU9595 92	AAEA1414 93	AAEH0810 103	AAEJ1315 104	AAEQ1010 90	AAEW3332 89	ACAH4652 103	ACEX1010 87						AAAH2528 103	AAAS2323 91	AAAU0A0A 92	AAEA1515 93	AAEH1011 103	AAEJ1317 104	AAEQ1111 90	AAEW3332 89	ACAH4852 103	ACEX1111 87						AAAH2629 103	AAAS2424 91	AAAU0A5A 92	AAEA1616 93	AAEH1012 103	AAEJ1415 104	AAEQ1212 90	AAEW3332 89	ACAH5258 103	ACEX1212 87						AAAH2729 103	AAAS2626 91	AAAV2424 92	AAEA1717 93	AAEH1113 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91	AAAV4646 92	AAEA2525 93	AAEH1921 103	AAEJ2022 104	AAEQ2121 90	AAEW3332 89	ACEA1616 93	ACEX2828 87						AAAK1011 106	AAAS4141 91	AAAV5050 92	AAEA2626 93	AAEH1922 103	AAEJ2123 104	AAEQ2222 90	AAEW3332 89	ACEA1818 93	ACEX3030 87						AAAK1213 106	AAAS4343 91	AAAV5555 92	AAEA2727 93	AAEH2022 103	AAEJ2224 104	AAEQ2323 90	AAEW3332 89	ACEA2020 93	ACEX3232 87						AAAK1415 106	AAAS4444 91	AAAV6060 92	AAEA2828 93	AAEH2123 103	AAEJ2426 104	AAEQ2424 90	AAEW3332 89	ACEA2222 93	ACEX3434 87						AAAK1617 106	AAAS4646 91	AAAV6565 92	AAEA2929 93	AAEH2224 103	AAEJ2427 104	AAEQ2626 89	AAEW3332 89	ACEA2424 93	ACEX3636 87						AAAK1819 106	AAAS4848 91	AAAV7070 92	AAEA3030 93	AAEH2326 103	AAEJ2528 104	AAEQ2707 89	AAEW3332 89	ACEA2626 93	ACEX4040 87						AAAP0810 106	AAAS5050 91	AAAV7575 92	AAEA3232 93	AAEH2427 103	AAEJ2628 104	AAEQ2808 89	AAEW3332 89	ACEA2828 93	<b>AD...</b>						AAAP1012 106	AAAS5555 91	AAAV8080 92	AAEB0606 97	AAEH2528 103	AAEJ2729 104	AAEQ2909 89	AAEW3332 89	ACEA3030 93	ADAF0808 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AAAC1922 106	AAAR2929 91	AAAT2424 91	AABM1719 106	AAEB1818 97	AAEI1011 101	AAEJ4650 104	AAEW2121 89	ABAF1111 108	ACEB2222 97						AAAF0707 107	AAAR3030 91	AAAT2525 91	AABM1819 106	AAEB1919 97	AAEI1012 101	AAEJ5055 104	AAEW2222 89	ABAF1212 108	ACEB2424 97						AAAF0808 107	AAAR3232 91	AAAT2626 91	AABM2022 106	AAEB2020 97	AAEI1013 101	AAEJ5560 104	AAEW2323 89	ABAF1313 108	ACEB2626 97						AAAF0909 107	AAAR3333 91	AAAT2727 91	AABM2123 106	AAEB2121 97	AAEI1213 101	AAEJE507 104	AAEW2424 89	ABAF1414 108	ACEB2828 97						AAAF1010 107	AAAR3434 91	AAAT2828 91	AABM2224 106	AAEB2222 97	AAEI1214 101	AAEL1010 94	AAEW2525 89	ABAF1515 108	ACEB3030 97						AAAF1111 107	AAAR3535 91	AAAT2929 91	AABM2426 106	AAEB2323 97	AAEI1317 101	AAEL1111 94	AAEW2626 89	ABAF1616 108	ACEB3232 97						AAAF1212 107	AAAR3636 91	AAAT3030 91	AABM2528 106	AAEB2424 97	AAEI1415 101	AAEL1212 94	AAEW2727 89	ABAF1717 108	ACEB3434 97						AAAF1313 107	AAAR3838 91	AAAT3232 91	AABM3032 106	AAEB2525 97	AAEI1417 101	AAEL1313 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101	AAEN0707 100	AAEW3332 89	<b>AC...</b>	ACEB5454 97						AAAG0909 106	AAAR4848 91	AAAT4444 91	AABW1414 95	AAEB3535 97	AAEI2224 101	AAEN0808 100	AAEW3332 89	ACAF1010 107	ACEB5656 97						AAAG1010 106	AAAR5050 91	AAAT4545 91	AABW1515 95	AAEB3636 97	AAEI2426 101	AAEN0909 100	AAEW3332 89	ACAF1111 107	ACEB5858 97						AAAG1111 106	AAAR5252 91	AAAT4646 91	AABW1616 95	AAEB3838 97	AAEI2427 101	AAEN1010 100	AAEW3332 89	ACAF1212 107	ACEB6060 97						AAAG1313 106	AAAR5555 91	AAAT4848 91	AABW1717 95	AAEB4040 97	AAEI2528 101	AAEN1111 100	AAEW3332 89	ACAF1414 107	ACEB6464 97						AAAG1414 106	AAAR6060 91	AAAT5050 91	AABW1818 95	AAEB4141 97	AAEI2729 101	AAEN1212 100	AAEW3332 89	ACAF1616 107	ACEB6868 97						AAAG1515 106	AAAR6565 91	AAAT5555 91	AABW1919 95	AAEB4242 97	AAEI2730 101	AAEN1313 100	AAEW3332 89	ACAF1818 107	ACEB7070 97						AAAG1616 106	AAAR7070 91	AAAT5858 91	AABW2020 95	AAEB4343 97	AAEI2732 101	AAEN1414 100	AAEW3332 89	ACAF2020 107	ACEB7272 97						AAAG1717 106	AAAR7575 91	AAAT6060 91	AABW2121 95	AAEB4545 97	AAEI3032 101	AAEN1515 100	AAEW3332 89	ACAF2222 107	ACEB7676 97						AAAG1818 106	AAAR8080 91	AAAU2424 92	AABW2222 95	AAEB4646 97	AAEI3236 101	AAEN1616 100	AAEW3332 89	ACAF2424 107	ACEB8080 97						AAAG1919 106	AAAR8585 91	AAAU2727 92	AABW2323 95	AAEB4848 97	AAEI3436 101	AAEN1717 100	AAEW3332 89	ACAH0810 103	ACEW0808 89						AAAH0608 103	AAAR9090 91	AAAU3030 92	AABW2424 95	AAEB5050 97	AAEI3641 101	AAEN1818 100	AAEW3332 89	ACAH1416 103	ACEW1010 89						AAAH0809 103	AAAR9595 91	AAAU3232 92	AABW2525 95	AAEB5555 97	AAEI3842 101	AAEN1919 100	AAEW3332 89	ACAH1820 103	ACEW1111 89						AAAH1011 103	AAARA0A0 91	AAAU3636 92	AABW2626 95	AAEB6060 97	AAEI4146 101	AAEN2020 100	AAEW3332 89	ACAH1922 103	ACEW1212 89						AAAH1113 103	AAARA5A5 91	AAAU3838 92	AABW2727 95	AAEB6565 97	AAEI4650 101	AAEN2121 100	AAEW3332 89	ACAH2022 103	ACEW1414 89						AAAH1213 103	AAARB0B0 91	AAAU4141 92	AABW2828 95	AAEB7070 97	AAEJ0405 104	AAEN2222 100	AAEW3332 89	ACAH2224 103	ACEW1616 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93	AAEH1213 103	AAEJ1617 104	AAEQ1414 90	AAEW3332 89	ACAH5864 103	ACEX1616 87						AAAH2732 103	AAAS2929 91	AAAV3030 92	AAEA1919 93	AAEH1214 103	AAEJ1618 104	AAEQ1515 90	AAEW3332 89	ACAH7278 103	ACEX1818 87						AAAH2932 103	AAAS3030 91	AAAV3232 92	AAEA2020 93	AAEH1415 103	AAEJ1719 104	AAEQ1616 90	AAEW3332 89	ACEA0808 93	ACEX1818 87						AAAH3032 103	AAAS3232 91	AAAV3636 92	AAEA2121 93	AAEH1417 103	AAEJ1819 104	AAEQ1717 90	AAEW3332 89	ACEA1010 93	ACEX2020 87						AAAH3641 103	AAAS3434 91	AAAV3838 92	AAEA2222 93	AAEH1617 103	AAEJ1921 104	AAEQ1818 90	AAEW3332 89	ACEA1111 93	ACEX2222 87						AAAH4146 103	AAAS3535 91	AAAV4141 92	AAEA2323 93	AAEH1719 103	AAEJ1922 104	AAEQ1919 90	AAEW3332 89	ACEA1212 93	ACEX2424 87						AAAH5560 103	AAAS3636 91	AAAV4343 92	AAEA2424 93	AAEH1819 103	AAEJ2021 104	AAEQ2020 90	AAEW3332 89	ACEA1414 93	ACEX2626 87						AAAK0809 106	AAAS3838 91	AAAV4646 92	AAEA2525 93	AAEH1921 103	AAEJ2022 104	AAEQ2121 90	AAEW3332 89	ACEA1616 93	ACEX2828 87						AAAK1011 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93	ADAF1010 107						AAAP1417 106	AAAS6060 91	AAAV9090 92	AAEB0808 97	AAEH3032 103	AAEJ2732 104	AAEQ3111 89	AAEW3332 89	ACEA3434 93	ADAF1212 107						AAAP1719 106	AAAS6565 91	AAAV9595 92	AAEB0909 97	AAEH3236 103	AAEJ3032 104	AAEQ3236 89	AAEW3332 89	ACEA3636 93	ADAF1414 107						AAAP2224 106	AAAT1616 91	AAAVA0A0 92	AAEB1010 97	AAEH3641 103	AAEJ3235 104	AAEQ3335 89	AAEW3332 89	ACEA4040 93	ADAF1616 107						AAAR2222 91	AAAT1717 91	AAAVA5A5 92	AAEB1111 97	AAEH3842 103	AAEJ3236 104																																																																																										
AAAF0707 107	AAAR3030 91	AAAT2525 91	AABM1819 106	AAEB1919 97	AAEI1012 101	AAEJ5055 104	AAEW2222 89	ABAF1212 108	ACEB2424 97						AAAF0808 107	AAAR3232 91	AAAT2626 91	AABM2022 106	AAEB2020 97	AAEI1013 101	AAEJ5560 104	AAEW2323 89	ABAF1313 108	ACEB2626 97						AAAF0909 107	AAAR3333 91	AAAT2727 91	AABM2123 106	AAEB2121 97	AAEI1213 101	AAEJE507 104	AAEW2424 89	ABAF1414 108	ACEB2828 97						AAAF1010 107	AAAR3434 91	AAAT2828 91	AABM2224 106	AAEB2222 97	AAEI1214 101	AAEL1010 94	AAEW2525 89	ABAF1515 108	ACEB3030 97						AAAF1111 107	AAAR3535 91	AAAT2929 91	AABM2426 106	AAEB2323 97	AAEI1317 101	AAEL1111 94	AAEW2626 89	ABAF1616 108	ACEB3232 97						AAAF1212 107	AAAR3636 91	AAAT3030 91	AABM2528 106	AAEB2424 97	AAEI1415 101	AAEL1212 94	AAEW2727 89	ABAF1717 108	ACEB3434 97						AAAF1313 107	AAAR3838 91	AAAT3232 91	AABM3032 106	AAEB2525 97	AAEI1417 101	AAEL1313 94	AAEW2828 89	ABAF1818 108	ACEB3636 97						AAAF1414 107	AAAR4040 91	AAAT3333 91	AABW0606 95	AAEB2626 97	AAEI1617 101	AAEL1414 94	AAEW2929 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95	AAEB4848 97	AAEI3436 101	AAEN1717 100	AAEW3332 89	ACAH0810 103	ACEW0808 89						AAAH0608 103	AAAR9090 91	AAAU3030 92	AABW2424 95	AAEB5050 97	AAEI3641 101	AAEN1818 100	AAEW3332 89	ACAH1416 103	ACEW1010 89						AAAH0809 103	AAAR9595 91	AAAU3232 92	AABW2525 95	AAEB5555 97	AAEI3842 101	AAEN1919 100	AAEW3332 89	ACAH1820 103	ACEW1111 89						AAAH1011 103	AAARA0A0 91	AAAU3636 92	AABW2626 95	AAEB6060 97	AAEI4146 101	AAEN2020 100	AAEW3332 89	ACAH1922 103	ACEW1212 89						AAAH1113 103	AAARA5A5 91	AAAU3838 92	AABW2727 95	AAEB6565 97	AAEI4650 101	AAEN2121 100	AAEW3332 89	ACAH2022 103	ACEW1414 89						AAAH1213 103	AAARB0B0 91	AAAU4141 92	AABW2828 95	AAEB7070 97	AAEJ0405 104	AAEN2222 100	AAEW3332 89	ACAH2224 103	ACEW1616 89						AAAH1415 103	AAARB5B5 91	AAAU4343 92	AABW2929 95	AAEB7575 97	AAEJ0607 104	AAEN2323 100	AAEW3332 89	ACAH2425 103	ACEW1818 89						AAAH1617 103	AAARC0C0 91	AAAU4646 92	AABW3030 95	AAEB8080 97	AAEJ0808 104	AAEN2424 100	AAEW3332 89	ACAH2426 103	ACEW2020 89						AAAH1719 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89	ABAF2424 108	ACEB4444 97						AAAF1717 107	AAAR4343 91	AAAT3636 91	AABW0909 95	AAEB2929 97	AAEI1819 101	AAEL1717 94	AAEW3332 89	ABAF2727 108	ACEB4646 97						AAAF1818 107	AAAR4444 91	AAAT3838 91	AABW1010 95	AAEB3030 97	AAEI1821 101	AAEL1818 94	AAEW3332 89	ABAF3030 108	ACEB4848 97						AAAF1919 107	AAAR4545 91	AAAT4141 91	AABW1111 95	AAEB3232 97	AAEI1922 101	AAEL1919 94	AAEW3332 89	ABAF3232 108	ACEB5252 97						AAAG0707 106	AAAR4646 91	AAAT4242 91	AABW1212 95	AAEB3333 97	AAEI2022 101	AAEN0606 100	AAEW3332 89								AAAG0808 106	AAAR4747 91	AAAT4343 91	AABW1313 95	AAEB3434 97	AAEI2123 101	AAEN0707 100	AAEW3332 89	<b>AC...</b>	ACEB5454 97						AAAG0909 106	AAAR4848 91	AAAT4444 91	AABW1414 95	AAEB3535 97	AAEI2224 101	AAEN0808 100	AAEW3332 89	ACAF1010 107	ACEB5656 97						AAAG1010 106	AAAR5050 91	AAAT4545 91	AABW1515 95	AAEB3636 97	AAEI2426 101	AAEN0909 100	AAEW3332 89	ACAF1111 107	ACEB5858 97						AAAG1111 106	AAAR5252 91	AAAT4646 91	AABW1616 95	AAEB3838 97	AAEI2427 101	AAEN1010 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95	AAEB5050 97	AAEI3641 101	AAEN1818 100	AAEW3332 89	ACAH1416 103	ACEW1010 89						AAAH0809 103	AAAR9595 91	AAAU3232 92	AABW2525 95	AAEB5555 97	AAEI3842 101	AAEN1919 100	AAEW3332 89	ACAH1820 103	ACEW1111 89						AAAH1011 103	AAARA0A0 91	AAAU3636 92	AABW2626 95	AAEB6060 97	AAEI4146 101	AAEN2020 100	AAEW3332 89	ACAH1922 103	ACEW1212 89						AAAH1113 103	AAARA5A5 91	AAAU3838 92	AABW2727 95	AAEB6565 97	AAEI4650 101	AAEN2121 100	AAEW3332 89	ACAH2022 103	ACEW1414 89						AAAH1213 103	AAARB0B0 91	AAAU4141 92	AABW2828 95	AAEB7070 97	AAEJ0405 104	AAEN2222 100	AAEW3332 89	ACAH2224 103	ACEW1616 89						AAAH1415 103	AAARB5B5 91	AAAU4343 92	AABW2929 95	AAEB7575 97	AAEJ0607 104	AAEN2323 100	AAEW3332 89	ACAH2425 103	ACEW1818 89						AAAH1617 103	AAARC0C0 91	AAAU4646 92	AABW3030 95	AAEB8080 97	AAEJ0808 104	AAEN2424 100	AAEW3332 89	ACAH2426 103	ACEW2020 89						AAAH1719 103	AAARC5C5 91	AAAU5050 92	AABW3232 95	AAEB8585 97	AAEJ0809 104	AAEN2525 100	AAEW3332 89	ACAH2428 103	ACEW2222 89						AAAH1819 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107						AAAR2222 91	AAAT1717 91	AAAVA5A5 92	AAEB1111 97	AAEH3842 103	AAEJ3236 104																																																																																																																																							
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89	ABAF2727 108	ACEB4646 97						AAAF1818 107	AAAR4444 91	AAAT3838 91	AABW1010 95	AAEB3030 97	AAEI1821 101	AAEL1818 94	AAEW3332 89	ABAF3030 108	ACEB4848 97						AAAF1919 107	AAAR4545 91	AAAT4141 91	AABW1111 95	AAEB3232 97	AAEI1922 101	AAEL1919 94	AAEW3332 89	ABAF3232 108	ACEB5252 97						AAAG0707 106	AAAR4646 91	AAAT4242 91	AABW1212 95	AAEB3333 97	AAEI2022 101	AAEN0606 100	AAEW3332 89								AAAG0808 106	AAAR4747 91	AAAT4343 91	AABW1313 95	AAEB3434 97	AAEI2123 101	AAEN0707 100	AAEW3332 89	<b>AC...</b>	ACEB5454 97						AAAG0909 106	AAAR4848 91	AAAT4444 91	AABW1414 95	AAEB3535 97	AAEI2224 101	AAEN0808 100	AAEW3332 89	ACAF1010 107	ACEB5656 97						AAAG1010 106	AAAR5050 91	AAAT4545 91	AABW1515 95	AAEB3636 97	AAEI2426 101	AAEN0909 100	AAEW3332 89	ACAF1111 107	ACEB5858 97						AAAG1111 106	AAAR5252 91	AAAT4646 91	AABW1616 95	AAEB3838 97	AAEI2427 101	AAEN1010 100	AAEW3332 89	ACAF1212 107	ACEB6060 97						AAAG1313 106	AAAR5555 91	AAAT4848 91	AABW1717 95	AAEB4040 97	AAEI2528 101	AAEN1111 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103	AAEJ1921 104	AAEQ1818 90	AAEW3332 89	ACEA1111 93	ACEX2222 87						AAAH4146 103	AAAS3535 91	AAAV4141 92	AAEA2323 93	AAEH1719 103	AAEJ1922 104	AAEQ1919 90	AAEW3332 89	ACEA1212 93	ACEX2424 87						AAAH5560 103	AAAS3636 91	AAAV4343 92	AAEA2424 93	AAEH1819 103	AAEJ2021 104	AAEQ2020 90	AAEW3332 89	ACEA1414 93	ACEX2626 87						AAAK0809 106	AAAS3838 91	AAAV4646 92	AAEA2525 93	AAEH1921 103	AAEJ2022 104	AAEQ2121 90	AAEW3332 89	ACEA1616 93	ACEX2828 87						AAAK1011 106	AAAS4141 91	AAAV5050 92	AAEA2626 93	AAEH1922 103	AAEJ2123 104	AAEQ2222 90	AAEW3332 89	ACEA1818 93	ACEX3030 87						AAAK1213 106	AAAS4343 91	AAAV5555 92	AAEA2727 93	AAEH2022 103	AAEJ2224 104	AAEQ2323 90	AAEW3332 89	ACEA2020 93	ACEX3232 87						AAAK1415 106	AAAS4444 91	AAAV6060 92	AAEA2828 93	AAEH2123 103	AAEJ2426 104	AAEQ2424 90	AAEW3332 89	ACEA2222 93	ACEX3434 87						AAAK1617 106	AAAS4646 91	AAAV6565 92	AAEA2929 93	AAEH2224 103	AAEJ2427 104	AAEQ2626 89	AAEW3332 89	ACEA2424 93	ACEX3636 87						AAAK1819 106	AAAS4848 91	AAAV7070 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AAAF1111 107	AAAR3535 91	AAAT2929 91	AABM2426 106	AAEB2323 97	AAEI1317 101	AAEL1111 94	AAEW2626 89	ABAF1616 108	ACEB3232 97						AAAF1212 107	AAAR3636 91	AAAT3030 91	AABM2528 106	AAEB2424 97	AAEI1415 101	AAEL1212 94	AAEW2727 89	ABAF1717 108	ACEB3434 97						AAAF1313 107	AAAR3838 91	AAAT3232 91	AABM3032 106	AAEB2525 97	AAEI1417 101	AAEL1313 94	AAEW2828 89	ABAF1818 108	ACEB3636 97						AAAF1414 107	AAAR4040 91	AAAT3333 91	AABW0606 95	AAEB2626 97	AAEI1617 101	AAEL1414 94	AAEW2929 89	ABAF1919 108	ACEB4040 97						AAAF1515 107	AAAR4141 91	AAAT3434 91	AABW0707 95	AAEB2727 97	AAEI1618 101	AAEL1515 94	AAEW3030 89	ABAF2222 108	ACEB4242 97						AAAF1616 107	AAAR4242 91	AAAT3535 91	AABW0808 95	AAEB2828 97	AAEI1719 101	AAEL1616 94	AAEW3232 89	ABAF2424 108	ACEB4444 97						AAAF1717 107	AAAR4343 91	AAAT3636 91	AABW0909 95	AAEB2929 97	AAEI1819 101	AAEL1717 94	AAEW3332 89	ABAF2727 108	ACEB4646 97						AAAF1818 107	AAAR4444 91	AAAT3838 91	AABW1010 95	AAEB3030 97	AAEI1821 101	AAEL1818 94	AAEW3332 89	ABAF3030 108	ACEB4848 97						AAAF1919 107	AAAR4545 91	AAAT4141 91	AABW1111 95	AAEB3232 97	AAEI1922 101	AAEL1919 94	AAEW3332 89	ABAF3232 108	ACEB5252 97						AAAG0707 106	AAAR4646 91	AAAT4242 91	AABW1212 95	AAEB3333 97	AAEI2022 101	AAEN0606 100	AAEW3332 89								AAAG0808 106	AAAR4747 91	AAAT4343 91	AABW1313 95	AAEB3434 97	AAEI2123 101	AAEN0707 100	AAEW3332 89	<b>AC...</b>	ACEB5454 97						AAAG0909 106	AAAR4848 91	AAAT4444 91	AABW1414 95	AAEB3535 97	AAEI2224 101	AAEN0808 100	AAEW3332 89	ACAF1010 107	ACEB5656 97						AAAG1010 106	AAAR5050 91	AAAT4545 91	AABW1515 95	AAEB3636 97	AAEI2426 101	AAEN0909 100	AAEW3332 89	ACAF1111 107	ACEB5858 97						AAAG1111 106	AAAR5252 91	AAAT4646 91	AABW1616 95	AAEB3838 97	AAEI2427 101	AAEN1010 100	AAEW3332 89	ACAF1212 107	ACEB6060 97						AAAG1313 106	AAAR5555 91	AAAT4848 91	AABW1717 95	AAEB4040 97	AAEI2528 101	AAEN1111 100	AAEW3332 89	ACAF1414 107	ACEB6464 97						AAAG1414 106	AAAR6060 91	AAAT5050 91	AABW1818 95	AAEB4141 97	AAEI2729 101	AAEN1212 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95	AAEB6060 97	AAEI4146 101	AAEN2020 100	AAEW3332 89	ACAH1922 103	ACEW1212 89						AAAH1113 103	AAARA5A5 91	AAAU3838 92	AABW2727 95	AAEB6565 97	AAEI4650 101	AAEN2121 100	AAEW3332 89	ACAH2022 103	ACEW1414 89						AAAH1213 103	AAARB0B0 91	AAAU4141 92	AABW2828 95	AAEB7070 97	AAEJ0405 104	AAEN2222 100	AAEW3332 89	ACAH2224 103	ACEW1616 89						AAAH1415 103	AAARB5B5 91	AAAU4343 92	AABW2929 95	AAEB7575 97	AAEJ0607 104	AAEN2323 100	AAEW3332 89	ACAH2425 103	ACEW1818 89						AAAH1617 103	AAARC0C0 91	AAAU4646 92	AABW3030 95	AAEB8080 97	AAEJ0808 104	AAEN2424 100	AAEW3332 89	ACAH2426 103	ACEW2020 89						AAAH1719 103	AAARC5C5 91	AAAU5050 92	AABW3232 95	AAEB8585 97	AAEJ0809 104	AAEN2525 100	AAEW3332 89	ACAH2428 103	ACEW2222 89						AAAH1819 103	AAARD0D0 91	AAAU5555 92	AAEA0606 93	AAEE0711 105	AAEJ0810 104	AAEN2626 100	AAEW3332 89	ACAH2628 103	ACEW2424 89						AAAH1922 103	AAARD5D5 91	AAAU6060 92	AAEA0707 93	AAEE1012 105	AAEJ0911 104	AAEN2727 100	AAEW3332 89	ACAH2830 103	ACEW2626 89						AAAH2022 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92	AAEA3232 93	AAEH2427 103	AAEJ2628 104	AAEQ2808 89	AAEW3332 89	ACEA2828 93	<b>AD...</b>						AAAP1012 106	AAAS5555 91	AAAV8080 92	AAEB0606 97	AAEH2528 103	AAEJ2729 104	AAEQ2909 89	AAEW3332 89	ACEA3030 93	ADAF0808 107						AAAP1214 106	AAAS5858 91	AAAV8585 92	AAEB0707 97	AAEH2730 103	AAEJ2730 104	AAEQ3030 89	AAEW3332 89	ACEA3232 93	ADAF1010 107						AAAP1417 106	AAAS6060 91	AAAV9090 92	AAEB0808 97	AAEH3032 103	AAEJ2732 104	AAEQ3111 89	AAEW3332 89	ACEA3434 93	ADAF1212 107						AAAP1719 106	AAAS6565 91	AAAV9595 92	AAEB0909 97	AAEH3236 103	AAEJ3032 104	AAEQ3236 89	AAEW3332 89	ACEA3636 93	ADAF1414 107						AAAP2224 106	AAAT1616 91	AAAVA0A0 92	AAEB1010 97	AAEH3641 103	AAEJ3235 104	AAEQ3335 89	AAEW3332 89	ACEA4040 93	ADAF1616 107						AAAR2222 91	AAAT1717 91	AAAVA5A5 92	AAEB1111 97	AAEH3842 103	AAEJ3236 104																																																																																																																																																																					
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89	ABAF3232 108	ACEB5252 97						AAAG0707 106	AAAR4646 91	AAAT4242 91	AABW1212 95	AAEB3333 97	AAEI2022 101	AAEN0606 100	AAEW3332 89								AAAG0808 106	AAAR4747 91	AAAT4343 91	AABW1313 95	AAEB3434 97	AAEI2123 101	AAEN0707 100	AAEW3332 89	<b>AC...</b>	ACEB5454 97						AAAG0909 106	AAAR4848 91	AAAT4444 91	AABW1414 95	AAEB3535 97	AAEI2224 101	AAEN0808 100	AAEW3332 89	ACAF1010 107	ACEB5656 97						AAAG1010 106	AAAR5050 91	AAAT4545 91	AABW1515 95	AAEB3636 97	AAEI2426 101	AAEN0909 100	AAEW3332 89	ACAF1111 107	ACEB5858 97						AAAG1111 106	AAAR5252 91	AAAT4646 91	AABW1616 95	AAEB3838 97	AAEI2427 101	AAEN1010 100	AAEW3332 89	ACAF1212 107	ACEB6060 97						AAAG1313 106	AAAR5555 91	AAAT4848 91	AABW1717 95	AAEB4040 97	AAEI2528 101	AAEN1111 100	AAEW3332 89	ACAF1414 107	ACEB6464 97						AAAG1414 106	AAAR6060 91	AAAT5050 91	AABW1818 95	AAEB4141 97	AAEI2729 101	AAEN1212 100	AAEW3332 89	ACAF1616 107	ACEB6868 97						AAAG1515 106	AAAR6565 91	AAAT5555 91	AABW1919 95	AAEB4242 97	AAEI2730 101	AAEN1313 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AAAF1313 107	AAAR3838 91	AAAT3232 91	AABM3032 106	AAEB2525 97	AAEI1417 101	AAEL1313 94	AAEW2828 89	ABAF1818 108	ACEB3636 97						AAAF1414 107	AAAR4040 91	AAAT3333 91	AABW0606 95	AAEB2626 97	AAEI1617 101	AAEL1414 94	AAEW2929 89	ABAF1919 108	ACEB4040 97						AAAF1515 107	AAAR4141 91	AAAT3434 91	AABW0707 95	AAEB2727 97	AAEI1618 101	AAEL1515 94	AAEW3030 89	ABAF2222 108	ACEB4242 97						AAAF1616 107	AAAR4242 91	AAAT3535 91	AABW0808 95	AAEB2828 97	AAEI1719 101	AAEL1616 94	AAEW3232 89	ABAF2424 108	ACEB4444 97						AAAF1717 107	AAAR4343 91	AAAT3636 91	AABW0909 95	AAEB2929 97	AAEI1819 101	AAEL1717 94	AAEW3332 89	ABAF2727 108	ACEB4646 97						AAAF1818 107	AAAR4444 91	AAAT3838 91	AABW1010 95	AAEB3030 97	AAEI1821 101	AAEL1818 94	AAEW3332 89	ABAF3030 108	ACEB4848 97						AAAF1919 107	AAAR4545 91	AAAT4141 91	AABW1111 95	AAEB3232 97	AAEI1922 101	AAEL1919 94	AAEW3332 89	ABAF3232 108	ACEB5252 97						AAAG0707 106	AAAR4646 91	AAAT4242 91	AABW1212 95	AAEB3333 97	AAEI2022 101	AAEN0606 100	AAEW3332 89								AAAG0808 106	AAAR4747 91	AAAT4343 91	AABW1313 95	AAEB3434 97	AAEI2123 101	AAEN0707 100	AAEW3332 89	<b>AC...</b>	ACEB5454 97						AAAG0909 106	AAAR4848 91	AAAT4444 91	AABW1414 95	AAEB3535 97	AAEI2224 101	AAEN0808 100	AAEW3332 89	ACAF1010 107	ACEB5656 97						AAAG1010 106	AAAR5050 91	AAAT4545 91	AABW1515 95	AAEB3636 97	AAEI2426 101	AAEN0909 100	AAEW3332 89	ACAF1111 107	ACEB5858 97						AAAG1111 106	AAAR5252 91	AAAT4646 91	AABW1616 95	AAEB3838 97	AAEI2427 101	AAEN1010 100	AAEW3332 89	ACAF1212 107	ACEB6060 97						AAAG1313 106	AAAR5555 91	AAAT4848 91	AABW1717 95	AAEB4040 97	AAEI2528 101	AAEN1111 100	AAEW3332 89	ACAF1414 107	ACEB6464 97						AAAG1414 106	AAAR6060 91	AAAT5050 91	AABW1818 95	AAEB4141 97	AAEI2729 101	AAEN1212 100	AAEW3332 89	ACAF1616 107	ACEB6868 97						AAAG1515 106	AAAR6565 91	AAAT5555 91	AABW1919 95	AAEB4242 97	AAEI2730 101	AAEN1313 100	AAEW3332 89	ACAF1818 107	ACEB7070 97						AAAG1616 106	AAAR7070 91	AAAT5858 91	AABW2020 95	AAEB4343 97	AAEI2732 101	AAEN1414 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104	AAEQ2222 90	AAEW3332 89	ACEA1818 93	ACEX3030 87						AAAK1213 106	AAAS4343 91	AAAV5555 92	AAEA2727 93	AAEH2022 103	AAEJ2224 104	AAEQ2323 90	AAEW3332 89	ACEA2020 93	ACEX3232 87						AAAK1415 106	AAAS4444 91	AAAV6060 92	AAEA2828 93	AAEH2123 103	AAEJ2426 104	AAEQ2424 90	AAEW3332 89	ACEA2222 93	ACEX3434 87						AAAK1617 106	AAAS4646 91	AAAV6565 92	AAEA2929 93	AAEH2224 103	AAEJ2427 104	AAEQ2626 89	AAEW3332 89	ACEA2424 93	ACEX3636 87						AAAK1819 106	AAAS4848 91	AAAV7070 92	AAEA3030 93	AAEH2326 103	AAEJ2528 104	AAEQ2707 89	AAEW3332 89	ACEA2626 93	ACEX4040 87						AAAP0810 106	AAAS5050 91	AAAV7575 92	AAEA3232 93	AAEH2427 103	AAEJ2628 104	AAEQ2808 89	AAEW3332 89	ACEA2828 93	<b>AD...</b>						AAAP1012 106	AAAS5555 91	AAAV8080 92	AAEB0606 97	AAEH2528 103	AAEJ2729 104	AAEQ2909 89	AAEW3332 89	ACEA3030 93	ADAF0808 107						AAAP1214 106	AAAS5858 91	AAAV8585 92	AAEB0707 97	AAEH2730 103	AAEJ2730 104	AAEQ3030 89	AAEW3332 89	ACEA3232 93	ADAF1010 107						AAAP1417 106	AAAS6060 91	AAAV9090 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89	ACAH7278 103	ACEX1818 87						AAAH2932 103	AAAS3030 91	AAAV3232 92	AAEA2020 93	AAEH1415 103	AAEJ1719 104	AAEQ1616 90	AAEW3332 89	ACEA0808 93	ACEX1818 87						AAAH3032 103	AAAS3232 91	AAAV3636 92	AAEA2121 93	AAEH1417 103	AAEJ1819 104	AAEQ1717 90	AAEW3332 89	ACEA1010 93	ACEX2020 87						AAAH3641 103	AAAS3434 91	AAAV3838 92	AAEA2222 93	AAEH1617 103	AAEJ1921 104	AAEQ1818 90	AAEW3332 89	ACEA1111 93	ACEX2222 87						AAAH4146 103	AAAS3535 91	AAAV4141 92	AAEA2323 93	AAEH1719 103	AAEJ1922 104	AAEQ1919 90	AAEW3332 89	ACEA1212 93	ACEX2424 87						AAAH5560 103	AAAS3636 91	AAAV4343 92	AAEA2424 93	AAEH1819 103	AAEJ2021 104	AAEQ2020 90	AAEW3332 89	ACEA1414 93	ACEX2626 87						AAAK0809 106	AAAS3838 91	AAAV4646 92	AAEA2525 93	AAEH1921 103	AAEJ2022 104	AAEQ2121 90	AAEW3332 89	ACEA1616 93	ACEX2828 87						AAAK1011 106	AAAS4141 91	AAAV5050 92	AAEA2626 93	AAEH1922 103	AAEJ2123 104	AAEQ2222 90	AAEW3332 89	ACEA1818 93	ACEX3030 87						AAAK1213 106	AAAS4343 91	AAAV5555 92	AAEA2727 93	AAEH2022 103	AAEJ2224 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92	AAEB0909 97	AAEH3236 103	AAEJ3032 104	AAEQ3236 89	AAEW3332 89	ACEA3636 93	ADAF1414 107						AAAP2224 106	AAAT1616 91	AAAVA0A0 92	AAEB1010 97	AAEH3641 103	AAEJ3235 104	AAEQ3335 89	AAEW3332 89	ACEA4040 93	ADAF1616 107						AAAR2222 91	AAAT1717 91	AAAVA5A5 92	AAEB1111 97	AAEH3842 103	AAEJ3236 104																																																																																																																																																																																																																																	
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97						AAAG1111 106	AAAR5252 91	AAAT4646 91	AABW1616 95	AAEB3838 97	AAEI2427 101	AAEN1010 100	AAEW3332 89	ACAF1212 107	ACEB6060 97						AAAG1313 106	AAAR5555 91	AAAT4848 91	AABW1717 95	AAEB4040 97	AAEI2528 101	AAEN1111 100	AAEW3332 89	ACAF1414 107	ACEB6464 97						AAAG1414 106	AAAR6060 91	AAAT5050 91	AABW1818 95	AAEB4141 97	AAEI2729 101	AAEN1212 100	AAEW3332 89	ACAF1616 107	ACEB6868 97						AAAG1515 106	AAAR6565 91	AAAT5555 91	AABW1919 95	AAEB4242 97	AAEI2730 101	AAEN1313 100	AAEW3332 89	ACAF1818 107	ACEB7070 97						AAAG1616 106	AAAR7070 91	AAAT5858 91	AABW2020 95	AAEB4343 97	AAEI2732 101	AAEN1414 100	AAEW3332 89	ACAF2020 107	ACEB7272 97						AAAG1717 106	AAAR7575 91	AAAT6060 91	AABW2121 95	AAEB4545 97	AAEI3032 101	AAEN1515 100	AAEW3332 89	ACAF2222 107	ACEB7676 97						AAAG1818 106	AAAR8080 91	AAAU2424 92	AABW2222 95	AAEB4646 97	AAEI3236 101	AAEN1616 100	AAEW3332 89	ACAF2424 107	ACEB8080 97						AAAG1919 106	AAAR8585 91	AAAU2727 92	AABW2323 95	AAEB4848 97	AAEI3436 101	AAEN1717 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89						AAAH2427 103	AAAS2121 91	AAAU9090 92	AAEA1313 93	AAEH0809 103	AAEJ1214 104	AAEQ0909 90	AAEW3332 89	ACAH4248 103	ACEX0808 87						AAAH2430 103	AAAS2222 91	AAAU9595 92	AAEA1414 93	AAEH0810 103	AAEJ1315 104	AAEQ1010 90	AAEW3332 89	ACAH4652 103	ACEX1010 87						AAAH2528 103	AAAS2323 91	AAAU0A0A 92	AAEA1515 93	AAEH1011 103	AAEJ1317 104	AAEQ1111 90	AAEW3332 89	ACAH4852 103	ACEX1111 87						AAAH2629 103	AAAS2424 91	AAAU0A5A 92	AAEA1616 93	AAEH1012 103	AAEJ1415 104	AAEQ1212 90	AAEW3332 89	ACAH5258 103	ACEX1212 87						AAAH2729 103	AAAS2626 91	AAAV2424 92	AAEA1717 93	AAEH1113 103	AAEJ1417 104	AAEQ1313 90	AAEW3332 89	ACAH5460 103	ACEX1414 87						AAAH2730 103	AAAS2727 91	AAAV2727 92	AAEA1818 93	AAEH1213 103	AAEJ1617 104	AAEQ1414 90	AAEW3332 89	ACAH5864 103	ACEX1616 87						AAAH2732 103	AAAS2929 91	AAAV3030 92	AAEA1919 93	AAEH1214 103	AAEJ1618 104	AAEQ1515 90	AAEW3332 89	ACAH7278 103	ACEX1818 87						AAAH2932 103	AAAS3030 91	AAAV3232 92	AAEA2020 93	AAEH1415 103	AAEJ1719 104	AAEQ1616 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93	AAEE0711 105	AAEJ0810 104	AAEN2626 100	AAEW3332 89	ACAH2628 103	ACEW2424 89						AAAH1922 103	AAARD5D5 91	AAAU6060 92	AAEA0707 93	AAEE1012 105	AAEJ0911 104	AAEN2727 100	AAEW3332 89	ACAH2830 103	ACEW2626 89						AAAH2022 103	AAARE0E0 91	AAAU6565 92	AAEA0808 93	AAEE1418 105	AAEJ1011 104	AAEN2828 100	AAEW3332 89	ACAH3032 103	ACEW2828 89						AAAH2123 103	AAARE5E5 91	AAAU7070 92	AAEA0909 93	AAEE1622 105	AAEJ1012 104	AAEN2929 100	AAEW3332 89	ACAH3236 103	ACEW3030 89						AAAH2224 103	AAARF0F0 91	AAAU7575 92	AAEA1010 93	AAEE2024 105	AAEJ1013 104	AAEN3030 100	AAEW3332 89	ACAH3440 103	ACEW3434 89						AAAH2326 103	AAAS1717 91	AAAU8080 92	AAEA1111 93	AAEH0807 103	AAEJ1113 104	AAEN3232 100	AAEW3332 89	ACAH3640 103	ACEW3636 89						AAAH2426 103	AAAS1919 91	AAAU8585 92	AAEA1212 93	AAEH0708 103	AAEJ1213 104	AAEN3332 100	AAEW3332 89	ACAH4046 103	ACEW4040 89						AAAH2427 103	AAAS2121 91	AAAU9090 92	AAEA1313 93	AAEH0809 103	AAEJ1214 104	AAEQ0909 90	AAEW3332 89	ACAH4248 103	ACEX0808 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AAAF1818 107	AAAR4444 91	AAAT3838 91	AABW1010 95	AAEB3030 97	AAEI1821 101	AAEL1818 94	AAEW3332 89	ABAF3030 108	ACEB4848 97						AAAF1919 107	AAAR4545 91	AAAT4141 91	AABW1111 95	AAEB3232 97	AAEI1922 101	AAEL1919 94	AAEW3332 89	ABAF3232 108	ACEB5252 97						AAAG0707 106	AAAR4646 91	AAAT4242 91	AABW1212 95	AAEB3333 97	AAEI2022 101	AAEN0606 100	AAEW3332 89								AAAG0808 106	AAAR4747 91	AAAT4343 91	AABW1313 95	AAEB3434 97	AAEI2123 101	AAEN0707 100	AAEW3332 89	<b>AC...</b>	ACEB5454 97						AAAG0909 106	AAAR4848 91	AAAT4444 91	AABW1414 95	AAEB3535 97	AAEI2224 101	AAEN0808 100	AAEW3332 89	ACAF1010 107	ACEB5656 97						AAAG1010 106	AAAR5050 91	AAAT4545 91	AABW1515 95	AAEB3636 97	AAEI2426 101	AAEN0909 100	AAEW3332 89	ACAF1111 107	ACEB5858 97						AAAG1111 106	AAAR5252 91	AAAT4646 91	AABW1616 95	AAEB3838 97	AAEI2427 101	AAEN1010 100	AAEW3332 89	ACAF1212 107	ACEB6060 97						AAAG1313 106	AAAR5555 91	AAAT4848 91	AABW1717 95	AAEB4040 97	AAEI2528 101	AAEN1111 100	AAEW3332 89	ACAF1414 107	ACEB6464 97						AAAG1414 106	AAAR6060 91	AAAT5050 91	AABW1818 95	AAEB4141 97	AAEI2729 101	AAEN1212 100	AAEW3332 89	ACAF1616 107	ACEB6868 97						AAAG1515 106	AAAR6565 91	AAAT5555 91	AABW1919 95	AAEB4242 97	AAEI2730 101	AAEN1313 100	AAEW3332 89	ACAF1818 107	ACEB7070 97						AAAG1616 106	AAAR7070 91	AAAT5858 91	AABW2020 95	AAEB4343 97	AAEI2732 101	AAEN1414 100	AAEW3332 89	ACAF2020 107	ACEB7272 97						AAAG1717 106	AAAR7575 91	AAAT6060 91	AABW2121 95	AAEB4545 97	AAEI3032 101	AAEN1515 100	AAEW3332 89	ACAF2222 107	ACEB7676 97						AAAG1818 106	AAAR8080 91	AAAU2424 92	AABW2222 95	AAEB4646 97	AAEI3236 101	AAEN1616 100	AAEW3332 89	ACAF2424 107	ACEB8080 97						AAAG1919 106	AAAR8585 91	AAAU2727 92	AABW2323 95	AAEB4848 97	AAEI3436 101	AAEN1717 100	AAEW3332 89	ACAH0810 103	ACEW0808 89						AAAH0608 103	AAAR9090 91	AAAU3030 92	AABW2424 95	AAEB5050 97	AAEI3641 101	AAEN1818 100	AAEW3332 89	ACAH1416 103	ACEW1010 89						AAAH0809 103	AAAR9595 91	AAAU3232 92	AABW2525 95	AAEB5555 97	AAEI3842 101	AAEN1919 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93	AAEE1012 105	AAEJ0911 104	AAEN2727 100	AAEW3332 89	ACAH2830 103	ACEW2626 89						AAAH2022 103	AAARE0E0 91	AAAU6565 92	AAEA0808 93	AAEE1418 105	AAEJ1011 104	AAEN2828 100	AAEW3332 89	ACAH3032 103	ACEW2828 89						AAAH2123 103	AAARE5E5 91	AAAU7070 92	AAEA0909 93	AAEE1622 105	AAEJ1012 104	AAEN2929 100	AAEW3332 89	ACAH3236 103	ACEW3030 89						AAAH2224 103	AAARF0F0 91	AAAU7575 92	AAEA1010 93	AAEE2024 105	AAEJ1013 104	AAEN3030 100	AAEW3332 89	ACAH3440 103	ACEW3434 89						AAAH2326 103	AAAS1717 91	AAAU8080 92	AAEA1111 93	AAEH0807 103	AAEJ1113 104	AAEN3232 100	AAEW3332 89	ACAH3640 103	ACEW3636 89						AAAH2426 103	AAAS1919 91	AAAU8585 92	AAEA1212 93	AAEH0708 103	AAEJ1213 104	AAEN3332 100	AAEW3332 89	ACAH4046 103	ACEW4040 89						AAAH2427 103	AAAS2121 91	AAAU9090 92	AAEA1313 93	AAEH0809 103	AAEJ1214 104	AAEQ0909 90	AAEW3332 89	ACAH4248 103	ACEX0808 87						AAAH2430 103	AAAS2222 91	AAAU9595 92	AAEA1414 93	AAEH0810 103	AAEJ1315 104	AAEQ1010 90	AAEW3332 89	ACAH4652 103	ACEX1010 87						AAAH2528 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93	ACEX2222 87						AAAH4146 103	AAAS3535 91	AAAV4141 92	AAEA2323 93	AAEH1719 103	AAEJ1922 104	AAEQ1919 90	AAEW3332 89	ACEA1212 93	ACEX2424 87						AAAH5560 103	AAAS3636 91	AAAV4343 92	AAEA2424 93	AAEH1819 103	AAEJ2021 104	AAEQ2020 90	AAEW3332 89	ACEA1414 93	ACEX2626 87						AAAK0809 106	AAAS3838 91	AAAV4646 92	AAEA2525 93	AAEH1921 103	AAEJ2022 104	AAEQ2121 90	AAEW3332 89	ACEA1616 93	ACEX2828 87						AAAK1011 106	AAAS4141 91	AAAV5050 92	AAEA2626 93	AAEH1922 103	AAEJ2123 104	AAEQ2222 90	AAEW3332 89	ACEA1818 93	ACEX3030 87						AAAK1213 106	AAAS4343 91	AAAV5555 92	AAEA2727 93	AAEH2022 103	AAEJ2224 104	AAEQ2323 90	AAEW3332 89	ACEA2020 93	ACEX3232 87						AAAK1415 106	AAAS4444 91	AAAV6060 92	AAEA2828 93	AAEH2123 103	AAEJ2426 104	AAEQ2424 90	AAEW3332 89	ACEA2222 93	ACEX3434 87						AAAK1617 106	AAAS4646 91	AAAV6565 92	AAEA2929 93	AAEH2224 103	AAEJ2427 104	AAEQ2626 89	AAEW3332 89	ACEA2424 93	ACEX3636 87						AAAK1819 106	AAAS4848 91	AAAV7070 92	AAEA3030 93	AAEH2326 103	AAEJ2528 104	AAEQ2707 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AAAF1919 107	AAAR4545 91	AAAT4141 91	AABW1111 95	AAEB3232 97	AAEI1922 101	AAEL1919 94	AAEW3332 89	ABAF3232 108	ACEB5252 97						AAAG0707 106	AAAR4646 91	AAAT4242 91	AABW1212 95	AAEB3333 97	AAEI2022 101	AAEN0606 100	AAEW3332 89								AAAG0808 106	AAAR4747 91	AAAT4343 91	AABW1313 95	AAEB3434 97	AAEI2123 101	AAEN0707 100	AAEW3332 89	<b>AC...</b>	ACEB5454 97						AAAG0909 106	AAAR4848 91	AAAT4444 91	AABW1414 95	AAEB3535 97	AAEI2224 101	AAEN0808 100	AAEW3332 89	ACAF1010 107	ACEB5656 97						AAAG1010 106	AAAR5050 91	AAAT4545 91	AABW1515 95	AAEB3636 97	AAEI2426 101	AAEN0909 100	AAEW3332 89	ACAF1111 107	ACEB5858 97						AAAG1111 106	AAAR5252 91	AAAT4646 91	AABW1616 95	AAEB3838 97	AAEI2427 101	AAEN1010 100	AAEW3332 89	ACAF1212 107	ACEB6060 97						AAAG1313 106	AAAR5555 91	AAAT4848 91	AABW1717 95	AAEB4040 97	AAEI2528 101	AAEN1111 100	AAEW3332 89	ACAF1414 107	ACEB6464 97						AAAG1414 106	AAAR6060 91	AAAT5050 91	AABW1818 95	AAEB4141 97	AAEI2729 101	AAEN1212 100	AAEW3332 89	ACAF1616 107	ACEB6868 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93	ACEX2424 87						AAAH5560 103	AAAS3636 91	AAAV4343 92	AAEA2424 93	AAEH1819 103	AAEJ2021 104	AAEQ2020 90	AAEW3332 89	ACEA1414 93	ACEX2626 87						AAAK0809 106	AAAS3838 91	AAAV4646 92	AAEA2525 93	AAEH1921 103	AAEJ2022 104	AAEQ2121 90	AAEW3332 89	ACEA1616 93	ACEX2828 87						AAAK1011 106	AAAS4141 91	AAAV5050 92	AAEA2626 93	AAEH1922 103	AAEJ2123 104	AAEQ2222 90	AAEW3332 89	ACEA1818 93	ACEX3030 87						AAAK1213 106	AAAS4343 91	AAAV5555 92	AAEA2727 93	AAEH2022 103	AAEJ2224 104	AAEQ2323 90	AAEW3332 89	ACEA2020 93	ACEX3232 87						AAAK1415 106	AAAS4444 91	AAAV6060 92	AAEA2828 93	AAEH2123 103	AAEJ2426 104	AAEQ2424 90	AAEW3332 89	ACEA2222 93	ACEX3434 87						AAAK1617 106	AAAS4646 91	AAAV6565 92	AAEA2929 93	AAEH2224 103	AAEJ2427 104	AAEQ2626 89	AAEW3332 89	ACEA2424 93	ACEX3636 87						AAAK1819 106	AAAS4848 91	AAAV7070 92	AAEA3030 93	AAEH2326 103	AAEJ2528 104	AAEQ2707 89	AAEW3332 89	ACEA2626 93	ACEX4040 87						AAAP0810 106	AAAS5050 91	AAAV7575 92	AAEA3232 93	AAEH2427 103	AAEJ2628 104	AAEQ2808 89	AAEW3332 89	ACEA2828 93	<b>AD...</b>						AAAP1012 106	AAAS5555 91	AAAV8080 92	AAEB0606 97	AAEH2528 103	AAEJ2729 104	AAEQ2909 89	AAEW3332 89	ACEA3030 93	ADAF0808 107						AAAP1214 106	AAAS5858 91	AAAV8585 92	AAEB0707 97	AAEH2730 103	AAEJ2730 104	AAEQ3030 89	AAEW3332 89	ACEA3232 93	ADAF1010 107						AAAP1417 106	AAAS6060 91	AAAV9090 92	AAEB0808 97	AAEH3032 103	AAEJ2732 104	AAEQ3111 89	AAEW3332 89	ACEA3434 93	ADAF1212 107						AAAP1719 106	AAAS6565 91	AAAV9595 92	AAEB0909 97	AAEH3236 103	AAEJ3032 104	AAEQ3236 89	AAEW3332 89	ACEA3636 93	ADAF1414 107						AAAP2224 106	AAAT1616 91	AAAVA0A0 92	AAEB1010 97	AAEH3641 103	AAEJ3235 104	AAEQ3335 89	AAEW3332 89	ACEA4040 93	ADAF1616 107						AAAR2222 91	AAAT1717 91	AAAVA5A5 92	AAEB1111 97	AAEH3842 103	AAEJ3236 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97						AAAG1616 106	AAAR7070 91	AAAT5858 91	AABW2020 95	AAEB4343 97	AAEI2732 101	AAEN1414 100	AAEW3332 89	ACAF2020 107	ACEB7272 97						AAAG1717 106	AAAR7575 91	AAAT6060 91	AABW2121 95	AAEB4545 97	AAEI3032 101	AAEN1515 100	AAEW3332 89	ACAF2222 107	ACEB7676 97						AAAG1818 106	AAAR8080 91	AAAU2424 92	AABW2222 95	AAEB4646 97	AAEI3236 101	AAEN1616 100	AAEW3332 89	ACAF2424 107	ACEB8080 97						AAAG1919 106	AAAR8585 91	AAAU2727 92	AABW2323 95	AAEB4848 97	AAEI3436 101	AAEN1717 100	AAEW3332 89	ACAH0810 103	ACEW0808 89						AAAH0608 103	AAAR9090 91	AAAU3030 92	AABW2424 95	AAEB5050 97	AAEI3641 101	AAEN1818 100	AAEW3332 89	ACAH1416 103	ACEW1010 89						AAAH0809 103	AAAR9595 91	AAAU3232 92	AABW2525 95	AAEB5555 97	AAEI3842 101	AAEN1919 100	AAEW3332 89	ACAH1820 103	ACEW1111 89						AAAH1011 103	AAARA0A0 91	AAAU3636 92	AABW2626 95	AAEB6060 97	AAEI4146 101	AAEN2020 100	AAEW3332 89	ACAH1922 103	ACEW1212 89						AAAH1113 103	AAARA5A5 91	AAAU3838 92	AABW2727 95	AAEB6565 97	AAEI4650 101	AAEN2121 100	AAEW3332 89	ACAH2022 103	ACEW1414 89						AAAH1213 103	AAARB0B0 91	AAAU4141 92	AABW2828 95	AAEB7070 97	AAEJ0405 104	AAEN2222 100	AAEW3332 89	ACAH2224 103	ACEW1616 89						AAAH1415 103	AAARB5B5 91	AAAU4343 92	AABW2929 95	AAEB7575 97	AAEJ0607 104	AAEN2323 100	AAEW3332 89	ACAH2425 103	ACEW1818 89						AAAH1617 103	AAARC0C0 91	AAAU4646 92	AABW3030 95	AAEB8080 97	AAEJ0808 104	AAEN2424 100	AAEW3332 89	ACAH2426 103	ACEW2020 89						AAAH1719 103	AAARC5C5 91	AAAU5050 92	AABW3232 95	AAEB8585 97	AAEJ0809 104	AAEN2525 100	AAEW3332 89	ACAH2428 103	ACEW2222 89						AAAH1819 103	AAARD0D0 91	AAAU5555 92	AAEA0606 93	AAEE0711 105	AAEJ0810 104	AAEN2626 100	AAEW3332 89	ACAH2628 103	ACEW2424 89						AAAH1922 103	AAARD5D5 91	AAAU6060 92	AAEA0707 93	AAEE1012 105	AAEJ0911 104	AAEN2727 100	AAEW3332 89	ACAH2830 103	ACEW2626 89						AAAH2022 103	AAARE0E0 91	AAAU6565 92	AAEA0808 93	AAEE1418 105	AAEJ1011 104	AAEN2828 100	AAEW3332 89	ACAH3032 103	ACEW2828 89						AAAH2123 103	AAARE5E5 91	AAAU7070 92	AAEA0909 93	AAEE1622 105	AAEJ1012 104	AAEN2929 100	AAEW3332 89	ACAH3236 103	ACEW3030 89						AAAH2224 103	AAARF0F0 91	AAAU7575 92	AAEA1010 93	AAEE2024 105	AAEJ1013 104	AAEN3030 100	AAEW3332 89	ACAH3440 103	ACEW3434 89						AAAH2326 103	AAAS1717 91	AAAU8080 92	AAEA1111 93	AAEH0807 103	AAEJ1113 104	AAEN3232 100	AAEW3332 89	ACAH3640 103	ACEW3636 89						AAAH2426 103	AAAS1919 91	AAAU8585 92	AAEA1212 93	AAEH0708 103	AAEJ1213 104	AAEN3332 100	AAEW3332 89	ACAH4046 103	ACEW4040 89						AAAH2427 103	AAAS2121 91	AAAU9090 92	AAEA1313 93	AAEH0809 103	AAEJ1214 104	AAEQ0909 90	AAEW3332 89	ACAH4248 103	ACEX0808 87						AAAH2430 103	AAAS2222 91	AAAU9595 92	AAEA1414 93	AAEH0810 103	AAEJ1315 104	AAEQ1010 90	AAEW3332 89	ACAH4652 103	ACEX1010 87						AAAH2528 103	AAAS2323 91	AAAU0A0A 92	AAEA1515 93	AAEH1011 103	AAEJ1317 104	AAEQ1111 90	AAEW3332 89	ACAH4852 103	ACEX1111 87						AAAH2629 103	AAAS2424 91	AAAU0A5A 92	AAEA1616 93	AAEH1012 103	AAEJ1415 104	AAEQ1212 90	AAEW3332 89	ACAH5258 103	ACEX1212 87						AAAH2729 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93	ACEX2626 87						AAAK0809 106	AAAS3838 91	AAAV4646 92	AAEA2525 93	AAEH1921 103	AAEJ2022 104	AAEQ2121 90	AAEW3332 89	ACEA1616 93	ACEX2828 87						AAAK1011 106	AAAS4141 91	AAAV5050 92	AAEA2626 93	AAEH1922 103	AAEJ2123 104	AAEQ2222 90	AAEW3332 89	ACEA1818 93	ACEX3030 87						AAAK1213 106	AAAS4343 91	AAAV5555 92	AAEA2727 93	AAEH2022 103	AAEJ2224 104	AAEQ2323 90	AAEW3332 89	ACEA2020 93	ACEX3232 87						AAAK1415 106	AAAS4444 91	AAAV6060 92	AAEA2828 93	AAEH2123 103	AAEJ2426 104	AAEQ2424 90	AAEW3332 89	ACEA2222 93	ACEX3434 87						AAAK1617 106	AAAS4646 91	AAAV6565 92	AAEA2929 93	AAEH2224 103	AAEJ2427 104	AAEQ2626 89	AAEW3332 89	ACEA2424 93	ACEX3636 87						AAAK1819 106	AAAS4848 91	AAAV7070 92	AAEA3030 93	AAEH2326 103	AAEJ2528 104	AAEQ2707 89	AAEW3332 89	ACEA2626 93	ACEX4040 87						AAAP0810 106	AAAS5050 91	AAAV7575 92	AAEA3232 93	AAEH2427 103	AAEJ2628 104	AAEQ2808 89	AAEW3332 89	ACEA2828 93	<b>AD...</b>						AAAP1012 106	AAAS5555 91	AAAV8080 92	AAEB0606 97	AAEH2528 103	AAEJ2729 104	AAEQ2909 89	AAEW3332 89	ACEA3030 93	ADAF0808 107						AAAP1214 106	AAAS5858 91	AAAV8585 92	AAEB0707 97	AAEH2730 103	AAEJ2730 104	AAEQ3030 89	AAEW3332 89	ACEA3232 93	ADAF1010 107						AAAP1417 106	AAAS6060 91	AAAV9090 92	AAEB0808 97	AAEH3032 103	AAEJ2732 104	AAEQ3111 89	AAEW3332 89	ACEA3434 93	ADAF1212 107						AAAP1719 106	AAAS6565 91	AAAV9595 92	AAEB0909 97	AAEH3236 103	AAEJ3032 104	AAEQ3236 89	AAEW3332 89	ACEA3636 93	ADAF1414 107						AAAP2224 106	AAAT1616 91	AAAVA0A0 92	AAEB1010 97	AAEH3641 103	AAEJ3235 104	AAEQ3335 89	AAEW3332 89	ACEA4040 93	ADAF1616 107						AAAR2222 91	AAAT1717 91	AAAVA5A5 92	AAEB1111 97	AAEH3842 103	AAEJ3236 104																																																																																																																																																																																																																																																																																																												
AAAG0808 106	AAAR4747 91	AAAT4343 91	AABW1313 95	AAEB3434 97	AAEI2123 101	AAEN0707 100	AAEW3332 89	<b>AC...</b>	ACEB5454 97						AAAG0909 106	AAAR4848 91	AAAT4444 91	AABW1414 95	AAEB3535 97	AAEI2224 101	AAEN0808 100	AAEW3332 89	ACAF1010 107	ACEB5656 97						AAAG1010 106	AAAR5050 91	AAAT4545 91	AABW1515 95	AAEB3636 97	AAEI2426 101	AAEN0909 100	AAEW3332 89	ACAF1111 107	ACEB5858 97						AAAG1111 106	AAAR5252 91	AAAT4646 91	AABW1616 95	AAEB3838 97	AAEI2427 101	AAEN1010 100	AAEW3332 89	ACAF1212 107	ACEB6060 97						AAAG1313 106	AAAR5555 91	AAAT4848 91	AABW1717 95	AAEB4040 97	AAEI2528 101	AAEN1111 100	AAEW3332 89	ACAF1414 107	ACEB6464 97						AAAG1414 106	AAAR6060 91	AAAT5050 91	AABW1818 95	AAEB4141 97	AAEI2729 101	AAEN1212 100	AAEW3332 89	ACAF1616 107	ACEB6868 97						AAAG1515 106	AAAR6565 91	AAAT5555 91	AABW1919 95	AAEB4242 97	AAEI2730 101	AAEN1313 100	AAEW3332 89	ACAF1818 107	ACEB7070 97						AAAG1616 106	AAAR7070 91	AAAT5858 91	AABW2020 95	AAEB4343 97	AAEI2732 101	AAEN1414 100	AAEW3332 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97	AAEH2730 103	AAEJ2730 104	AAEQ3030 89	AAEW3332 89	ACEA3232 93	ADAF1010 107						AAAP1417 106	AAAS6060 91	AAAV9090 92	AAEB0808 97	AAEH3032 103	AAEJ2732 104	AAEQ3111 89	AAEW3332 89	ACEA3434 93	ADAF1212 107						AAAP1719 106	AAAS6565 91	AAAV9595 92	AAEB0909 97	AAEH3236 103	AAEJ3032 104	AAEQ3236 89	AAEW3332 89	ACEA3636 93	ADAF1414 107						AAAP2224 106	AAAT1616 91	AAAVA0A0 92	AAEB1010 97	AAEH3641 103	AAEJ3235 104	AAEQ3335 89	AAEW3332 89	ACEA4040 93	ADAF1616 107						AAAR2222 91	AAAT1717 91	AAAVA5A5 92	AAEB1111 97	AAEH3842 103	AAEJ3236 104																																																																																																																																																																																																																																																																																																																											
AAAG0909 106	AAAR4848 91	AAAT4444 91	AABW1414 95	AAEB3535 97	AAEI2224 101	AAEN0808 100	AAEW3332 89	ACAF1010 107	ACEB5656 97						AAAG1010 106	AAAR5050 91	AAAT4545 91	AABW1515 95	AAEB3636 97	AAEI2426 101	AAEN0909 100	AAEW3332 89	ACAF1111 107	ACEB5858 97						AAAG1111 106	AAAR5252 91	AAAT4646 91	AABW1616 95	AAEB3838 97	AAEI2427 101	AAEN1010 100	AAEW3332 89	ACAF1212 107	ACEB6060 97						AAAG1313 106	AAAR5555 91	AAAT4848 91	AABW1717 95	AAEB4040 97	AAEI2528 101	AAEN1111 100	AAEW3332 89	ACAF1414 107	ACEB6464 97						AAAG1414 106	AAAR6060 91	AAAT5050 91	AABW1818 95	AAEB4141 97	AAEI2729 101	AAEN1212 100	AAEW3332 89	ACAF1616 107	ACEB6868 97						AAAG1515 106	AAAR6565 91	AAAT5555 91	AABW1919 95	AAEB4242 97	AAEI2730 101	AAEN1313 100	AAEW3332 89	ACAF1818 107	ACEB7070 97						AAAG1616 106	AAAR7070 91	AAAT5858 91	AABW2020 95	AAEB4343 97	AAEI2732 101	AAEN1414 100	AAEW3332 89	ACAF2020 107	ACEB7272 97						AAAG1717 106	AAAR7575 91	AAAT6060 91	AABW2121 95	AAEB4545 97	AAEI3032 101	AAEN1515 100	AAEW3332 89	ACAF2222 107	ACEB7676 97						AAAG1818 106	AAAR8080 91	AAAU2424 92	AABW2222 95	AAEB4646 97	AAEI3236 101	AAEN1616 100	AAEW3332 89	ACAF2424 107	ACEB8080 97						AAAG1919 106	AAAR8585 91	AAAU2727 92	AABW2323 95	AAEB4848 97	AAEI3436 101	AAEN1717 100	AAEW3332 89	ACAH0810 103	ACEW0808 89						AAAH0608 103	AAAR9090 91	AAAU3030 92	AABW2424 95	AAEB5050 97	AAEI3641 101	AAEN1818 100	AAEW3332 89	ACAH1416 103	ACEW1010 89						AAAH0809 103	AAAR9595 91	AAAU3232 92	AABW2525 95	AAEB5555 97	AAEI3842 101	AAEN1919 100	AAEW3332 89	ACAH1820 103	ACEW1111 89						AAAH1011 103	AAARA0A0 91	AAAU3636 92	AABW2626 95	AAEB6060 97	AAEI4146 101	AAEN2020 100	AAEW3332 89	ACAH1922 103	ACEW1212 89						AAAH1113 103	AAARA5A5 91	AAAU3838 92	AABW2727 95	AAEB6565 97	AAEI4650 101	AAEN2121 100	AAEW3332 89	ACAH2022 103	ACEW1414 89						AAAH1213 103	AAARB0B0 91	AAAU4141 92	AABW2828 95	AAEB7070 97	AAEJ0405 104	AAEN2222 100	AAEW3332 89	ACAH2224 103	ACEW1616 89						AAAH1415 103	AAARB5B5 91	AAAU4343 92	AABW2929 95	AAEB7575 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AAAG1010 106	AAAR5050 91	AAAT4545 91	AABW1515 95	AAEB3636 97	AAEI2426 101	AAEN0909 100	AAEW3332 89	ACAF1111 107	ACEB5858 97						AAAG1111 106	AAAR5252 91	AAAT4646 91	AABW1616 95	AAEB3838 97	AAEI2427 101	AAEN1010 100	AAEW3332 89	ACAF1212 107	ACEB6060 97						AAAG1313 106	AAAR5555 91	AAAT4848 91	AABW1717 95	AAEB4040 97	AAEI2528 101	AAEN1111 100	AAEW3332 89	ACAF1414 107	ACEB6464 97						AAAG1414 106	AAAR6060 91	AAAT5050 91	AABW1818 95	AAEB4141 97	AAEI2729 101	AAEN1212 100	AAEW3332 89	ACAF1616 107	ACEB6868 97						AAAG1515 106	AAAR6565 91	AAAT5555 91	AABW1919 95	AAEB4242 97	AAEI2730 101	AAEN1313 100	AAEW3332 89	ACAF1818 107	ACEB7070 97						AAAG1616 106	AAAR7070 91	AAAT5858 91	AABW2020 95	AAEB4343 97	AAEI2732 101	AAEN1414 100	AAEW3332 89	ACAF2020 107	ACEB7272 97						AAAG1717 106	AAAR7575 91	AAAT6060 91	AABW2121 95	AAEB4545 97	AAEI3032 101	AAEN1515 100	AAEW3332 89	ACAF2222 107	ACEB7676 97						AAAG1818 106	AAAR8080 91	AAAU2424 92	AABW2222 95	AAEB4646 97	AAEI3236 101	AAEN1616 100	AAEW3332 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97	AAEJ0808 104	AAEN2424 100	AAEW3332 89	ACAH2426 103	ACEW2020 89						AAAH1719 103	AAARC5C5 91	AAAU5050 92	AABW3232 95	AAEB8585 97	AAEJ0809 104	AAEN2525 100	AAEW3332 89	ACAH2428 103	ACEW2222 89						AAAH1819 103	AAARD0D0 91	AAAU5555 92	AAEA0606 93	AAEE0711 105	AAEJ0810 104	AAEN2626 100	AAEW3332 89	ACAH2628 103	ACEW2424 89						AAAH1922 103	AAARD5D5 91	AAAU6060 92	AAEA0707 93	AAEE1012 105	AAEJ0911 104	AAEN2727 100	AAEW3332 89	ACAH2830 103	ACEW2626 89						AAAH2022 103	AAARE0E0 91	AAAU6565 92	AAEA0808 93	AAEE1418 105	AAEJ1011 104	AAEN2828 100	AAEW3332 89	ACAH3032 103	ACEW2828 89						AAAH2123 103	AAARE5E5 91	AAAU7070 92	AAEA0909 93	AAEE1622 105	AAEJ1012 104	AAEN2929 100	AAEW3332 89	ACAH3236 103	ACEW3030 89						AAAH2224 103	AAARF0F0 91	AAAU7575 92	AAEA1010 93	AAEE2024 105	AAEJ1013 104	AAEN3030 100	AAEW3332 89	ACAH3440 103	ACEW3434 89						AAAH2326 103	AAAS1717 91	AAAU8080 92	AAEA1111 93	AAEH0807 103	AAEJ1113 104	AAEN3232 100	AAEW3332 89	ACAH3640 103	ACEW3636 89						AAAH2426 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AAAG1111 106	AAAR5252 91	AAAT4646 91	AABW1616 95	AAEB3838 97	AAEI2427 101	AAEN1010 100	AAEW3332 89	ACAF1212 107	ACEB6060 97						AAAG1313 106	AAAR5555 91	AAAT4848 91	AABW1717 95	AAEB4040 97	AAEI2528 101	AAEN1111 100	AAEW3332 89	ACAF1414 107	ACEB6464 97						AAAG1414 106	AAAR6060 91	AAAT5050 91	AABW1818 95	AAEB4141 97	AAEI2729 101	AAEN1212 100	AAEW3332 89	ACAF1616 107	ACEB6868 97						AAAG1515 106	AAAR6565 91	AAAT5555 91	AABW1919 95	AAEB4242 97	AAEI2730 101	AAEN1313 100	AAEW3332 89	ACAF1818 107	ACEB7070 97						AAAG1616 106	AAAR7070 91	AAAT5858 91	AABW2020 95	AAEB4343 97	AAEI2732 101	AAEN1414 100	AAEW3332 89	ACAF2020 107	ACEB7272 97						AAAG1717 106	AAAR7575 91	AAAT6060 91	AABW2121 95	AAEB4545 97	AAEI3032 101	AAEN1515 100	AAEW3332 89	ACAF2222 107	ACEB7676 97						AAAG1818 106	AAAR8080 91	AAAU2424 92	AABW2222 95	AAEB4646 97	AAEI3236 101	AAEN1616 100	AAEW3332 89	ACAF2424 107	ACEB8080 97						AAAG1919 106	AAAR8585 91	AAAU2727 92	AABW2323 95	AAEB4848 97	AAEI3436 101	AAEN1717 100	AAEW3332 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AAAG1313 106	AAAR5555 91	AAAT4848 91	AABW1717 95	AAEB4040 97	AAEI2528 101	AAEN1111 100	AAEW3332 89	ACAF1414 107	ACEB6464 97						AAAG1414 106	AAAR6060 91	AAAT5050 91	AABW1818 95	AAEB4141 97	AAEI2729 101	AAEN1212 100	AAEW3332 89	ACAF1616 107	ACEB6868 97						AAAG1515 106	AAAR6565 91	AAAT5555 91	AABW1919 95	AAEB4242 97	AAEI2730 101	AAEN1313 100	AAEW3332 89	ACAF1818 107	ACEB7070 97						AAAG1616 106	AAAR7070 91	AAAT5858 91	AABW2020 95	AAEB4343 97	AAEI2732 101	AAEN1414 100	AAEW3332 89	ACAF2020 107	ACEB7272 97						AAAG1717 106	AAAR7575 91	AAAT6060 91	AABW2121 95	AAEB4545 97	AAEI3032 101	AAEN1515 100	AAEW3332 89	ACAF2222 107	ACEB7676 97						AAAG1818 106	AAAR8080 91	AAAU2424 92	AABW2222 95	AAEB4646 97	AAEI3236 101	AAEN1616 100	AAEW3332 89	ACAF2424 107	ACEB8080 97						AAAG1919 106	AAAR8585 91	AAAU2727 92	AABW2323 95	AAEB4848 97	AAEI3436 101	AAEN1717 100	AAEW3332 89	ACAH0810 103	ACEW0808 89						AAAH0608 103	AAAR9090 91	AAAU3030 92	AABW2424 95	AAEB5050 97	AAEI3641 101	AAEN1818 100	AAEW3332 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AAAG1414 106	AAAR6060 91	AAAT5050 91	AABW1818 95	AAEB4141 97	AAEI2729 101	AAEN1212 100	AAEW3332 89	ACAF1616 107	ACEB6868 97						AAAG1515 106	AAAR6565 91	AAAT5555 91	AABW1919 95	AAEB4242 97	AAEI2730 101	AAEN1313 100	AAEW3332 89	ACAF1818 107	ACEB7070 97						AAAG1616 106	AAAR7070 91	AAAT5858 91	AABW2020 95	AAEB4343 97	AAEI2732 101	AAEN1414 100	AAEW3332 89	ACAF2020 107	ACEB7272 97						AAAG1717 106	AAAR7575 91	AAAT6060 91	AABW2121 95	AAEB4545 97	AAEI3032 101	AAEN1515 100	AAEW3332 89	ACAF2222 107	ACEB7676 97						AAAG1818 106	AAAR8080 91	AAAU2424 92	AABW2222 95	AAEB4646 97	AAEI3236 101	AAEN1616 100	AAEW3332 89	ACAF2424 107	ACEB8080 97						AAAG1919 106	AAAR8585 91	AAAU2727 92	AABW2323 95	AAEB4848 97	AAEI3436 101	AAEN1717 100	AAEW3332 89	ACAH0810 103	ACEW0808 89						AAAH0608 103	AAAR9090 91	AAAU3030 92	AABW2424 95	AAEB5050 97	AAEI3641 101	AAEN1818 100	AAEW3332 89	ACAH1416 103	ACEW1010 89						AAAH0809 103	AAAR9595 91	AAAU3232 92	AABW2525 95	AAEB5555 97	AAEI3842 101	AAEN1919 100	AAEW3332 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AAAG1515 106	AAAR6565 91	AAAT5555 91	AABW1919 95	AAEB4242 97	AAEI2730 101	AAEN1313 100	AAEW3332 89	ACAF1818 107	ACEB7070 97						AAAG1616 106	AAAR7070 91	AAAT5858 91	AABW2020 95	AAEB4343 97	AAEI2732 101	AAEN1414 100	AAEW3332 89	ACAF2020 107	ACEB7272 97						AAAG1717 106	AAAR7575 91	AAAT6060 91	AABW2121 95	AAEB4545 97	AAEI3032 101	AAEN1515 100	AAEW3332 89	ACAF2222 107	ACEB7676 97						AAAG1818 106	AAAR8080 91	AAAU2424 92	AABW2222 95	AAEB4646 97	AAEI3236 101	AAEN1616 100	AAEW3332 89	ACAF2424 107	ACEB8080 97						AAAG1919 106	AAAR8585 91	AAAU2727 92	AABW2323 95	AAEB4848 97	AAEI3436 101	AAEN1717 100	AAEW3332 89	ACAH0810 103	ACEW0808 89						AAAH0608 103	AAAR9090 91	AAAU3030 92	AABW2424 95	AAEB5050 97	AAEI3641 101	AAEN1818 100	AAEW3332 89	ACAH1416 103	ACEW1010 89						AAAH0809 103	AAAR9595 91	AAAU3232 92	AABW2525 95	AAEB5555 97	AAEI3842 101	AAEN1919 100	AAEW3332 89	ACAH1820 103	ACEW1111 89						AAAH1011 103	AAARA0A0 91	AAAU3636 92	AABW2626 95	AAEB6060 97	AAEI4146 101	AAEN2020 100	AAEW3332 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89	ACEA2828 93	<b>AD...</b>						AAAP1012 106	AAAS5555 91	AAAV8080 92	AAEB0606 97	AAEH2528 103	AAEJ2729 104	AAEQ2909 89	AAEW3332 89	ACEA3030 93	ADAF0808 107						AAAP1214 106	AAAS5858 91	AAAV8585 92	AAEB0707 97	AAEH2730 103	AAEJ2730 104	AAEQ3030 89	AAEW3332 89	ACEA3232 93	ADAF1010 107						AAAP1417 106	AAAS6060 91	AAAV9090 92	AAEB0808 97	AAEH3032 103	AAEJ2732 104	AAEQ3111 89	AAEW3332 89	ACEA3434 93	ADAF1212 107						AAAP1719 106	AAAS6565 91	AAAV9595 92	AAEB0909 97	AAEH3236 103	AAEJ3032 104	AAEQ3236 89	AAEW3332 89	ACEA3636 93	ADAF1414 107						AAAP2224 106	AAAT1616 91	AAAVA0A0 92	AAEB1010 97	AAEH3641 103	AAEJ3235 104	AAEQ3335 89	AAEW3332 89	ACEA4040 93	ADAF1616 107						AAAR2222 91	AAAT1717 91	AAAVA5A5 92	AAEB1111 97	AAEH3842 103	AAEJ3236 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AAAG1616 106	AAAR7070 91	AAAT5858 91	AABW2020 95	AAEB4343 97	AAEI2732 101	AAEN1414 100	AAEW3332 89	ACAF2020 107	ACEB7272 97						AAAG1717 106	AAAR7575 91	AAAT6060 91	AABW2121 95	AAEB4545 97	AAEI3032 101	AAEN1515 100	AAEW3332 89	ACAF2222 107	ACEB7676 97						AAAG1818 106	AAAR8080 91	AAAU2424 92	AABW2222 95	AAEB4646 97	AAEI3236 101	AAEN1616 100	AAEW3332 89	ACAF2424 107	ACEB8080 97						AAAG1919 106	AAAR8585 91	AAAU2727 92	AABW2323 95	AAEB4848 97	AAEI3436 101	AAEN1717 100	AAEW3332 89	ACAH0810 103	ACEW0808 89						AAAH0608 103	AAAR9090 91	AAAU3030 92	AABW2424 95	AAEB5050 97	AAEI3641 101	AAEN1818 100	AAEW3332 89	ACAH1416 103	ACEW1010 89						AAAH0809 103	AAAR9595 91	AAAU3232 92	AABW2525 95	AAEB5555 97	AAEI3842 101	AAEN1919 100	AAEW3332 89	ACAH1820 103	ACEW1111 89						AAAH1011 103	AAARA0A0 91	AAAU3636 92	AABW2626 95	AAEB6060 97	AAEI4146 101	AAEN2020 100	AAEW3332 89	ACAH1922 103	ACEW1212 89						AAAH1113 103	AAARA5A5 91	AAAU3838 92	AABW2727 95	AAEB6565 97	AAEI4650 101	AAEN2121 100	AAEW3332 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AAAG1717 106	AAAR7575 91	AAAT6060 91	AABW2121 95	AAEB4545 97	AAEI3032 101	AAEN1515 100	AAEW3332 89	ACAF2222 107	ACEB7676 97						AAAG1818 106	AAAR8080 91	AAAU2424 92	AABW2222 95	AAEB4646 97	AAEI3236 101	AAEN1616 100	AAEW3332 89	ACAF2424 107	ACEB8080 97						AAAG1919 106	AAAR8585 91	AAAU2727 92	AABW2323 95	AAEB4848 97	AAEI3436 101	AAEN1717 100	AAEW3332 89	ACAH0810 103	ACEW0808 89						AAAH0608 103	AAAR9090 91	AAAU3030 92	AABW2424 95	AAEB5050 97	AAEI3641 101	AAEN1818 100	AAEW3332 89	ACAH1416 103	ACEW1010 89						AAAH0809 103	AAAR9595 91	AAAU3232 92	AABW2525 95	AAEB5555 97	AAEI3842 101	AAEN1919 100	AAEW3332 89	ACAH1820 103	ACEW1111 89						AAAH1011 103	AAARA0A0 91	AAAU3636 92	AABW2626 95	AAEB6060 97	AAEI4146 101	AAEN2020 100	AAEW3332 89	ACAH1922 103	ACEW1212 89						AAAH1113 103	AAARA5A5 91	AAAU3838 92	AABW2727 95	AAEB6565 97	AAEI4650 101	AAEN2121 100	AAEW3332 89	ACAH2022 103	ACEW1414 89						AAAH1213 103	AAARB0B0 91	AAAU4141 92	AABW2828 95	AAEB7070 97	AAEJ0405 104	AAEN2222 100	AAEW3332 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87						AAAK1011 106	AAAS4141 91	AAAV5050 92	AAEA2626 93	AAEH1922 103	AAEJ2123 104	AAEQ2222 90	AAEW3332 89	ACEA1818 93	ACEX3030 87						AAAK1213 106	AAAS4343 91	AAAV5555 92	AAEA2727 93	AAEH2022 103	AAEJ2224 104	AAEQ2323 90	AAEW3332 89	ACEA2020 93	ACEX3232 87						AAAK1415 106	AAAS4444 91	AAAV6060 92	AAEA2828 93	AAEH2123 103	AAEJ2426 104	AAEQ2424 90	AAEW3332 89	ACEA2222 93	ACEX3434 87						AAAK1617 106	AAAS4646 91	AAAV6565 92	AAEA2929 93	AAEH2224 103	AAEJ2427 104	AAEQ2626 89	AAEW3332 89	ACEA2424 93	ACEX3636 87						AAAK1819 106	AAAS4848 91	AAAV7070 92	AAEA3030 93	AAEH2326 103	AAEJ2528 104	AAEQ2707 89	AAEW3332 89	ACEA2626 93	ACEX4040 87						AAAP0810 106	AAAS5050 91	AAAV7575 92	AAEA3232 93	AAEH2427 103	AAEJ2628 104	AAEQ2808 89	AAEW3332 89	ACEA2828 93	<b>AD...</b>						AAAP1012 106	AAAS5555 91	AAAV8080 92	AAEB0606 97	AAEH2528 103	AAEJ2729 104	AAEQ2909 89	AAEW3332 89	ACEA3030 93	ADAF0808 107						AAAP1214 106	AAAS5858 91	AAAV8585 92	AAEB0707 97	AAEH2730 103	AAEJ2730 104	AAEQ3030 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AAAG1818 106	AAAR8080 91	AAAU2424 92	AABW2222 95	AAEB4646 97	AAEI3236 101	AAEN1616 100	AAEW3332 89	ACAF2424 107	ACEB8080 97						AAAG1919 106	AAAR8585 91	AAAU2727 92	AABW2323 95	AAEB4848 97	AAEI3436 101	AAEN1717 100	AAEW3332 89	ACAH0810 103	ACEW0808 89						AAAH0608 103	AAAR9090 91	AAAU3030 92	AABW2424 95	AAEB5050 97	AAEI3641 101	AAEN1818 100	AAEW3332 89	ACAH1416 103	ACEW1010 89						AAAH0809 103	AAAR9595 91	AAAU3232 92	AABW2525 95	AAEB5555 97	AAEI3842 101	AAEN1919 100	AAEW3332 89	ACAH1820 103	ACEW1111 89						AAAH1011 103	AAARA0A0 91	AAAU3636 92	AABW2626 95	AAEB6060 97	AAEI4146 101	AAEN2020 100	AAEW3332 89	ACAH1922 103	ACEW1212 89						AAAH1113 103	AAARA5A5 91	AAAU3838 92	AABW2727 95	AAEB6565 97	AAEI4650 101	AAEN2121 100	AAEW3332 89	ACAH2022 103	ACEW1414 89						AAAH1213 103	AAARB0B0 91	AAAU4141 92	AABW2828 95	AAEB7070 97	AAEJ0405 104	AAEN2222 100	AAEW3332 89	ACAH2224 103	ACEW1616 89						AAAH1415 103	AAARB5B5 91	AAAU4343 92	AABW2929 95	AAEB7575 97	AAEJ0607 104	AAEN2323 100	AAEW3332 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87						AAAK1213 106	AAAS4343 91	AAAV5555 92	AAEA2727 93	AAEH2022 103	AAEJ2224 104	AAEQ2323 90	AAEW3332 89	ACEA2020 93	ACEX3232 87						AAAK1415 106	AAAS4444 91	AAAV6060 92	AAEA2828 93	AAEH2123 103	AAEJ2426 104	AAEQ2424 90	AAEW3332 89	ACEA2222 93	ACEX3434 87						AAAK1617 106	AAAS4646 91	AAAV6565 92	AAEA2929 93	AAEH2224 103	AAEJ2427 104	AAEQ2626 89	AAEW3332 89	ACEA2424 93	ACEX3636 87						AAAK1819 106	AAAS4848 91	AAAV7070 92	AAEA3030 93	AAEH2326 103	AAEJ2528 104	AAEQ2707 89	AAEW3332 89	ACEA2626 93	ACEX4040 87						AAAP0810 106	AAAS5050 91	AAAV7575 92	AAEA3232 93	AAEH2427 103	AAEJ2628 104	AAEQ2808 89	AAEW3332 89	ACEA2828 93	<b>AD...</b>						AAAP1012 106	AAAS5555 91	AAAV8080 92	AAEB0606 97	AAEH2528 103	AAEJ2729 104	AAEQ2909 89	AAEW3332 89	ACEA3030 93	ADAF0808 107						AAAP1214 106	AAAS5858 91	AAAV8585 92	AAEB0707 97	AAEH2730 103	AAEJ2730 104	AAEQ3030 89	AAEW3332 89	ACEA3232 93	ADAF1010 107						AAAP1417 106	AAAS6060 91	AAAV9090 92	AAEB0808 97	AAEH3032 103	AAEJ2732 104	AAEQ3111 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AAAG1919 106	AAAR8585 91	AAAU2727 92	AABW2323 95	AAEB4848 97	AAEI3436 101	AAEN1717 100	AAEW3332 89	ACAH0810 103	ACEW0808 89						AAAH0608 103	AAAR9090 91	AAAU3030 92	AABW2424 95	AAEB5050 97	AAEI3641 101	AAEN1818 100	AAEW3332 89	ACAH1416 103	ACEW1010 89						AAAH0809 103	AAAR9595 91	AAAU3232 92	AABW2525 95	AAEB5555 97	AAEI3842 101	AAEN1919 100	AAEW3332 89	ACAH1820 103	ACEW1111 89						AAAH1011 103	AAARA0A0 91	AAAU3636 92	AABW2626 95	AAEB6060 97	AAEI4146 101	AAEN2020 100	AAEW3332 89	ACAH1922 103	ACEW1212 89						AAAH1113 103	AAARA5A5 91	AAAU3838 92	AABW2727 95	AAEB6565 97	AAEI4650 101	AAEN2121 100	AAEW3332 89	ACAH2022 103	ACEW1414 89						AAAH1213 103	AAARB0B0 91	AAAU4141 92	AABW2828 95	AAEB7070 97	AAEJ0405 104	AAEN2222 100	AAEW3332 89	ACAH2224 103	ACEW1616 89						AAAH1415 103	AAARB5B5 91	AAAU4343 92	AABW2929 95	AAEB7575 97	AAEJ0607 104	AAEN2323 100	AAEW3332 89	ACAH2425 103	ACEW1818 89						AAAH1617 103	AAARC0C0 91	AAAU4646 92	AABW3030 95	AAEB8080 97	AAEJ0808 104	AAEN2424 100	AAEW3332 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87						AAAK1415 106	AAAS4444 91	AAAV6060 92	AAEA2828 93	AAEH2123 103	AAEJ2426 104	AAEQ2424 90	AAEW3332 89	ACEA2222 93	ACEX3434 87						AAAK1617 106	AAAS4646 91	AAAV6565 92	AAEA2929 93	AAEH2224 103	AAEJ2427 104	AAEQ2626 89	AAEW3332 89	ACEA2424 93	ACEX3636 87						AAAK1819 106	AAAS4848 91	AAAV7070 92	AAEA3030 93	AAEH2326 103	AAEJ2528 104	AAEQ2707 89	AAEW3332 89	ACEA2626 93	ACEX4040 87						AAAP0810 106	AAAS5050 91	AAAV7575 92	AAEA3232 93	AAEH2427 103	AAEJ2628 104	AAEQ2808 89	AAEW3332 89	ACEA2828 93	<b>AD...</b>						AAAP1012 106	AAAS5555 91	AAAV8080 92	AAEB0606 97	AAEH2528 103	AAEJ2729 104	AAEQ2909 89	AAEW3332 89	ACEA3030 93	ADAF0808 107						AAAP1214 106	AAAS5858 91	AAAV8585 92	AAEB0707 97	AAEH2730 103	AAEJ2730 104	AAEQ3030 89	AAEW3332 89	ACEA3232 93	ADAF1010 107						AAAP1417 106	AAAS6060 91	AAAV9090 92	AAEB0808 97	AAEH3032 103	AAEJ2732 104	AAEQ3111 89	AAEW3332 89	ACEA3434 93	ADAF1212 107						AAAP1719 106	AAAS6565 91	AAAV9595 92	AAEB0909 97	AAEH3236 103	AAEJ3032 104	AAEQ3236 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AAAH0608 103	AAAR9090 91	AAAU3030 92	AABW2424 95	AAEB5050 97	AAEI3641 101	AAEN1818 100	AAEW3332 89	ACAH1416 103	ACEW1010 89						AAAH0809 103	AAAR9595 91	AAAU3232 92	AABW2525 95	AAEB5555 97	AAEI3842 101	AAEN1919 100	AAEW3332 89	ACAH1820 103	ACEW1111 89						AAAH1011 103	AAARA0A0 91	AAAU3636 92	AABW2626 95	AAEB6060 97	AAEI4146 101	AAEN2020 100	AAEW3332 89	ACAH1922 103	ACEW1212 89						AAAH1113 103	AAARA5A5 91	AAAU3838 92	AABW2727 95	AAEB6565 97	AAEI4650 101	AAEN2121 100	AAEW3332 89	ACAH2022 103	ACEW1414 89						AAAH1213 103	AAARB0B0 91	AAAU4141 92	AABW2828 95	AAEB7070 97	AAEJ0405 104	AAEN2222 100	AAEW3332 89	ACAH2224 103	ACEW1616 89						AAAH1415 103	AAARB5B5 91	AAAU4343 92	AABW2929 95	AAEB7575 97	AAEJ0607 104	AAEN2323 100	AAEW3332 89	ACAH2425 103	ACEW1818 89						AAAH1617 103	AAARC0C0 91	AAAU4646 92	AABW3030 95	AAEB8080 97	AAEJ0808 104	AAEN2424 100	AAEW3332 89	ACAH2426 103	ACEW2020 89						AAAH1719 103	AAARC5C5 91	AAAU5050 92	AABW3232 95	AAEB8585 97	AAEJ0809 104	AAEN2525 100	AAEW3332 89	ACAH2428 103	ACEW2222 89						AAAH1819 103	AAARD0D0 91	AAAU5555 92	AAEA0606 93	AAEE0711 105	AAEJ0810 104	AAEN2626 100	AAEW3332 89	ACAH2628 103	ACEW2424 89						AAAH1922 103	AAARD5D5 91	AAAU6060 92	AAEA0707 93	AAEE1012 105	AAEJ0911 104	AAEN2727 100	AAEW3332 89	ACAH2830 103	ACEW2626 89						AAAH2022 103	AAARE0E0 91	AAAU6565 92	AAEA0808 93	AAEE1418 105	AAEJ1011 104	AAEN2828 100	AAEW3332 89	ACAH3032 103	ACEW2828 89						AAAH2123 103	AAARE5E5 91	AAAU7070 92	AAEA0909 93	AAEE1622 105	AAEJ1012 104	AAEN2929 100	AAEW3332 89	ACAH3236 103	ACEW3030 89						AAAH2224 103	AAARF0F0 91	AAAU7575 92	AAEA1010 93	AAEE2024 105	AAEJ1013 104	AAEN3030 100	AAEW3332 89	ACAH3440 103	ACEW3434 89						AAAH2326 103	AAAS1717 91	AAAU8080 92	AAEA1111 93	AAEH0807 103	AAEJ1113 104	AAEN3232 100	AAEW3332 89	ACAH3640 103	ACEW3636 89						AAAH2426 103	AAAS1919 91	AAAU8585 92	AAEA1212 93	AAEH0708 103	AAEJ1213 104	AAEN3332 100	AAEW3332 89	ACAH4046 103	ACEW4040 89						AAAH2427 103	AAAS2121 91	AAAU9090 92	AAEA1313 93	AAEH0809 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87						AAAK1617 106	AAAS4646 91	AAAV6565 92	AAEA2929 93	AAEH2224 103	AAEJ2427 104	AAEQ2626 89	AAEW3332 89	ACEA2424 93	ACEX3636 87						AAAK1819 106	AAAS4848 91	AAAV7070 92	AAEA3030 93	AAEH2326 103	AAEJ2528 104	AAEQ2707 89	AAEW3332 89	ACEA2626 93	ACEX4040 87						AAAP0810 106	AAAS5050 91	AAAV7575 92	AAEA3232 93	AAEH2427 103	AAEJ2628 104	AAEQ2808 89	AAEW3332 89	ACEA2828 93	<b>AD...</b>						AAAP1012 106	AAAS5555 91	AAAV8080 92	AAEB0606 97	AAEH2528 103	AAEJ2729 104	AAEQ2909 89	AAEW3332 89	ACEA3030 93	ADAF0808 107						AAAP1214 106	AAAS5858 91	AAAV8585 92	AAEB0707 97	AAEH2730 103	AAEJ2730 104	AAEQ3030 89	AAEW3332 89	ACEA3232 93	ADAF1010 107						AAAP1417 106	AAAS6060 91	AAAV9090 92	AAEB0808 97	AAEH3032 103	AAEJ2732 104	AAEQ3111 89	AAEW3332 89	ACEA3434 93	ADAF1212 107						AAAP1719 106	AAAS6565 91	AAAV9595 92	AAEB0909 97	AAEH3236 103	AAEJ3032 104	AAEQ3236 89	AAEW3332 89	ACEA3636 93	ADAF1414 107						AAAP2224 106	AAAT1616 91	AAAVA0A0 92	AAEB1010 97	AAEH3641 103	AAEJ3235 104	AAEQ3335 89	AAEW3332 89	ACEA4040 93	ADAF1616 107						AAAR2222 91	AAAT1717 91	AAAVA5A5 92	AAEB1111 97	AAEH3842 103	AAEJ3236 104																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
AAAH0809 103	AAAR9595 91	AAAU3232 92	AABW2525 95	AAEB5555 97	AAEI3842 101	AAEN1919 100	AAEW3332 89	ACAH1820 103	ACEW1111 89						AAAH1011 103	AAARA0A0 91	AAAU3636 92	AABW2626 95	AAEB6060 97	AAEI4146 101	AAEN2020 100	AAEW3332 89	ACAH1922 103	ACEW1212 89						AAAH1113 103	AAARA5A5 91	AAAU3838 92	AABW2727 95	AAEB6565 97	AAEI4650 101	AAEN2121 100	AAEW3332 89	ACAH2022 103	ACEW1414 89						AAAH1213 103	AAARB0B0 91	AAAU4141 92	AABW2828 95	AAEB7070 97	AAEJ0405 104	AAEN2222 100	AAEW3332 89	ACAH2224 103	ACEW1616 89						AAAH1415 103	AAARB5B5 91	AAAU4343 92	AABW2929 95	AAEB7575 97	AAEJ0607 104	AAEN2323 100	AAEW3332 89	ACAH2425 103	ACEW1818 89						AAAH1617 103	AAARC0C0 91	AAAU4646 92	AABW3030 95	AAEB8080 97	AAEJ0808 104	AAEN2424 100	AAEW3332 89	ACAH2426 103	ACEW2020 89						AAAH1719 103	AAARC5C5 91	AAAU5050 92	AABW3232 95	AAEB8585 97	AAEJ0809 104	AAEN2525 100	AAEW3332 89	ACAH2428 103	ACEW2222 89						AAAH1819 103	AAARD0D0 91	AAAU5555 92	AAEA0606 93	AAEE0711 105	AAEJ0810 104	AAEN2626 100	AAEW3332 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91	AAAV3838 92	AAEA2222 93	AAEH1617 103	AAEJ1921 104	AAEQ1818 90	AAEW3332 89	ACEA1111 93	ACEX2222 87						AAAH4146 103	AAAS3535 91	AAAV4141 92	AAEA2323 93	AAEH1719 103	AAEJ1922 104	AAEQ1919 90	AAEW3332 89	ACEA1212 93	ACEX2424 87						AAAH5560 103	AAAS3636 91	AAAV4343 92	AAEA2424 93	AAEH1819 103	AAEJ2021 104	AAEQ2020 90	AAEW3332 89	ACEA1414 93	ACEX2626 87						AAAK0809 106	AAAS3838 91	AAAV4646 92	AAEA2525 93	AAEH1921 103	AAEJ2022 104	AAEQ2121 90	AAEW3332 89	ACEA1616 93	ACEX2828 87						AAAK1011 106	AAAS4141 91	AAAV5050 92	AAEA2626 93	AAEH1922 103	AAEJ2123 104	AAEQ2222 90	AAEW3332 89	ACEA1818 93	ACEX3030 87						AAAK1213 106	AAAS4343 91	AAAV5555 92	AAEA2727 93	AAEH2022 103	AAEJ2224 104	AAEQ2323 90	AAEW3332 89	ACEA2020 93	ACEX3232 87						AAAK1415 106	AAAS4444 91	AAAV6060 92	AAEA2828 93	AAEH2123 103	AAEJ2426 104	AAEQ2424 90	AAEW3332 89	ACEA2222 93	ACEX3434 87						AAAK1617 106	AAAS4646 91	AAAV6565 92	AAEA2929 93	AAEH2224 103	AAEJ2427 104	AAEQ2626 89	AAEW3332 89	ACEA2424 93	ACEX3636 87						AAAK1819 106	AAAS4848 91	AAAV7070 92	AAEA3030 93	AAEH2326 103	AAEJ2528 104	AAEQ2707 89	AAEW3332 89	ACEA2626 93	ACEX4040 87						AAAP0810 106	AAAS5050 91	AAAV7575 92	AAEA3232 93	AAEH2427 103	AAEJ2628 104	AAEQ2808 89	AAEW3332 89	ACEA2828 93	<b>AD...</b>						AAAP1012 106	AAAS5555 91	AAAV8080 92	AAEB0606 97	AAEH2528 103	AAEJ2729 104	AAEQ2909 89	AAEW3332 89	ACEA3030 93	ADAF0808 107						AAAP1214 106	AAAS5858 91	AAAV8585 92	AAEB0707 97	AAEH2730 103	AAEJ2730 104	AAEQ3030 89	AAEW3332 89	ACEA3232 93	ADAF1010 107						AAAP1417 106	AAAS6060 91	AAAV9090 92	AAEB0808 97	AAEH3032 103	AAEJ2732 104	AAEQ3111 89	AAEW3332 89	ACEA3434 93	ADAF1212 107						AAAP1719 106	AAAS6565 91	AAAV9595 92	AAEB0909 97	AAEH3236 103	AAEJ3032 104	AAEQ3236 89	AAEW3332 89	ACEA3636 93	ADAF1414 107						AAAP2224 106	AAAT1616 91	AAAVA0A0 92	AAEB1010 97	AAEH3641 103	AAEJ3235 104	AAEQ3335 89	AAEW3332 89	ACEA4040 93	ADAF1616 107						AAAR2222 91	AAAT1717 91	AAAVA5A5 92	AAEB1111 97	AAEH3842 103	AAEJ3236 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89	ACAH2830 103	ACEW2626 89						AAAH2022 103	AAARE0E0 91	AAAU6565 92	AAEA0808 93	AAEE1418 105	AAEJ1011 104	AAEN2828 100	AAEW3332 89	ACAH3032 103	ACEW2828 89						AAAH2123 103	AAARE5E5 91	AAAU7070 92	AAEA0909 93	AAEE1622 105	AAEJ1012 104	AAEN2929 100	AAEW3332 89	ACAH3236 103	ACEW3030 89						AAAH2224 103	AAARF0F0 91	AAAU7575 92	AAEA1010 93	AAEE2024 105	AAEJ1013 104	AAEN3030 100	AAEW3332 89	ACAH3440 103	ACEW3434 89						AAAH2326 103	AAAS1717 91	AAAU8080 92	AAEA1111 93	AAEH0807 103	AAEJ1113 104	AAEN3232 100	AAEW3332 89	ACAH3640 103	ACEW3636 89						AAAH2426 103	AAAS1919 91	AAAU8585 92	AAEA1212 93	AAEH0708 103	AAEJ1213 104	AAEN3332 100	AAEW3332 89	ACAH4046 103	ACEW4040 89						AAAH2427 103	AAAS2121 91	AAAU9090 92	AAEA1313 93	AAEH0809 103	AAEJ1214 104	AAEQ0909 90	AAEW3332 89	ACAH4248 103	ACEX0808 87						AAAH2430 103	AAAS2222 91	AAAU9595 92	AAEA1414 93	AAEH0810 103	AAEJ1315 104	AAEQ1010 90	AAEW3332 89	ACAH4652 103	ACEX1010 87						AAAH2528 103	AAAS2323 91	AAAU0A0A 92	AAEA1515 93	AAEH1011 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87						AAAP0810 106	AAAS5050 91	AAAV7575 92	AAEA3232 93	AAEH2427 103	AAEJ2628 104	AAEQ2808 89	AAEW3332 89	ACEA2828 93	<b>AD...</b>						AAAP1012 106	AAAS5555 91	AAAV8080 92	AAEB0606 97	AAEH2528 103	AAEJ2729 104	AAEQ2909 89	AAEW3332 89	ACEA3030 93	ADAF0808 107						AAAP1214 106	AAAS5858 91	AAAV8585 92	AAEB0707 97	AAEH2730 103	AAEJ2730 104	AAEQ3030 89	AAEW3332 89	ACEA3232 93	ADAF1010 107						AAAP1417 106	AAAS6060 91	AAAV9090 92	AAEB0808 97	AAEH3032 103	AAEJ2732 104	AAEQ3111 89	AAEW3332 89	ACEA3434 93	ADAF1212 107						AAAP1719 106	AAAS6565 91	AAAV9595 92	AAEB0909 97	AAEH3236 103	AAEJ3032 104	AAEQ3236 89	AAEW3332 89	ACEA3636 93	ADAF1414 107						AAAP2224 106	AAAT1616 91	AAAVA0A0 92	AAEB1010 97	AAEH3641 103	AAEJ3235 104	AAEQ3335 89	AAEW3332 89	ACEA4040 93	ADAF1616 107						AAAR2222 91	AAAT1717 91	AAAVA5A5 92	AAEB1111 97	AAEH3842 103	AAEJ3236 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AAAH1113 103	AAARA5A5 91	AAAU3838 92	AABW2727 95	AAEB6565 97	AAEI4650 101	AAEN2121 100	AAEW3332 89	ACAH2022 103	ACEW1414 89						AAAH1213 103	AAARB0B0 91	AAAU4141 92	AABW2828 95	AAEB7070 97	AAEJ0405 104	AAEN2222 100	AAEW3332 89	ACAH2224 103	ACEW1616 89						AAAH1415 103	AAARB5B5 91	AAAU4343 92	AABW2929 95	AAEB7575 97	AAEJ0607 104	AAEN2323 100	AAEW3332 89	ACAH2425 103	ACEW1818 89						AAAH1617 103	AAARC0C0 91	AAAU4646 92	AABW3030 95	AAEB8080 97	AAEJ0808 104	AAEN2424 100	AAEW3332 89	ACAH2426 103	ACEW2020 89						AAAH1719 103	AAARC5C5 91	AAAU5050 92	AABW3232 95	AAEB8585 97	AAEJ0809 104	AAEN2525 100	AAEW3332 89	ACAH2428 103	ACEW2222 89						AAAH1819 103	AAARD0D0 91	AAAU5555 92	AAEA0606 93	AAEE0711 105	AAEJ0810 104	AAEN2626 100	AAEW3332 89	ACAH2628 103	ACEW2424 89						AAAH1922 103	AAARD5D5 91	AAAU6060 92	AAEA0707 93	AAEE1012 105	AAEJ0911 104	AAEN2727 100	AAEW3332 89	ACAH2830 103	ACEW2626 89						AAAH2022 103	AAARE0E0 91	AAAU6565 92	AAEA0808 93	AAEE1418 105	AAEJ1011 104	AAEN2828 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93	<b>AD...</b>						AAAP1012 106	AAAS5555 91	AAAV8080 92	AAEB0606 97	AAEH2528 103	AAEJ2729 104	AAEQ2909 89	AAEW3332 89	ACEA3030 93	ADAF0808 107						AAAP1214 106	AAAS5858 91	AAAV8585 92	AAEB0707 97	AAEH2730 103	AAEJ2730 104	AAEQ3030 89	AAEW3332 89	ACEA3232 93	ADAF1010 107						AAAP1417 106	AAAS6060 91	AAAV9090 92	AAEB0808 97	AAEH3032 103	AAEJ2732 104	AAEQ3111 89	AAEW3332 89	ACEA3434 93	ADAF1212 107						AAAP1719 106	AAAS6565 91	AAAV9595 92	AAEB0909 97	AAEH3236 103	AAEJ3032 104	AAEQ3236 89	AAEW3332 89	ACEA3636 93	ADAF1414 107						AAAP2224 106	AAAT1616 91	AAAVA0A0 92	AAEB1010 97	AAEH3641 103	AAEJ3235 104	AAEQ3335 89	AAEW3332 89	ACEA4040 93	ADAF1616 107						AAAR2222 91	AAAT1717 91	AAAVA5A5 92	AAEB1111 97	AAEH3842 103	AAEJ3236 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93	ADAF1010 107						AAAP1417 106	AAAS6060 91	AAAV9090 92	AAEB0808 97	AAEH3032 103	AAEJ2732 104	AAEQ3111 89	AAEW3332 89	ACEA3434 93	ADAF1212 107						AAAP1719 106	AAAS6565 91	AAAV9595 92	AAEB0909 97	AAEH3236 103	AAEJ3032 104	AAEQ3236 89	AAEW3332 89	ACEA3636 93	ADAF1414 107						AAAP2224 106	AAAT1616 91	AAAVA0A0 92	AAEB1010 97	AAEH3641 103	AAEJ3235 104	AAEQ3335 89	AAEW3332 89	ACEA4040 93	ADAF1616 107						AAAR2222 91	AAAT1717 91	AAAVA5A5 92	AAEB1111 97	AAEH3842 103	AAEJ3236 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AAAH2427 103	AAAS2121 91	AAAU9090 92	AAEA1313 93	AAEH0809 103	AAEJ1214 104	AAEQ0909 90	AAEW3332 89	ACAH4248 103	ACEX0808 87						AAAH2430 103	AAAS2222 91	AAAU9595 92	AAEA1414 93	AAEH0810 103	AAEJ1315 104	AAEQ1010 90	AAEW3332 89	ACAH4652 103	ACEX1010 87						AAAH2528 103	AAAS2323 91	AAAU0A0A 92	AAEA1515 93	AAEH1011 103	AAEJ1317 104	AAEQ1111 90	AAEW3332 89	ACAH4852 103	ACEX1111 87						AAAH2629 103	AAAS2424 91	AAAU0A5A 92	AAEA1616 93	AAEH1012 103	AAEJ1415 104	AAEQ1212 90	AAEW3332 89	ACAH5258 103	ACEX1212 87						AAAH2729 103	AAAS2626 91	AAAV2424 92	AAEA1717 93	AAEH1113 103	AAEJ1417 104	AAEQ1313 90	AAEW3332 89	ACAH5460 103	ACEX1414 87						AAAH2730 103	AAAS2727 91	AAAV2727 92	AAEA1818 93	AAEH1213 103	AAEJ1617 104	AAEQ1414 90	AAEW3332 89	ACAH5864 103	ACEX1616 87						AAAH2732 103	AAAS2929 91	AAAV3030 92	AAEA1919 93	AAEH1214 103	AAEJ1618 104	AAEQ1515 90	AAEW3332 89	ACAH7278 103	ACEX1818 87						AAAH2932 103	AAAS3030 91	AAAV3232 92	AAEA2020 93	AAEH1415 103	AAEJ1719 104	AAEQ1616 90	AAEW3332 89	ACEA0808 93	ACEX1818 87						AAAH3032 103	AAAS3232 91	AAAV3636 92	AAEA2121 93	AAEH1417 103	AAEJ1819 104	AAEQ1717 90	AAEW3332 89	ACEA1010 93	ACEX2020 87						AAAH3641 103	AAAS3434 91	AAAV3838 92	AAEA2222 93	AAEH1617 103	AAEJ1921 104	AAEQ1818 90	AAEW3332 89	ACEA1111 93	ACEX2222 87						AAAH4146 103	AAAS3535 91	AAAV4141 92	AAEA2323 93	AAEH1719 103	AAEJ1922 104	AAEQ1919 90	AAEW3332 89	ACEA1212 93	ACEX2424 87						AAAH5560 103	AAAS3636 91	AAAV4343 92	AAEA2424 93	AAEH1819 103	AAEJ2021 104	AAEQ2020 90	AAEW3332 89	ACEA1414 93	ACEX2626 87						AAAK0809 106	AAAS3838 91	AAAV4646 92	AAEA2525 93	AAEH1921 103	AAEJ2022 104	AAEQ2121 90	AAEW3332 89	ACEA1616 93	ACEX2828 87						AAAK1011 106	AAAS4141 91	AAAV5050 92	AAEA2626 93	AAEH1922 103	AAEJ2123 104	AAEQ2222 90	AAEW3332 89	ACEA1818 93	ACEX3030 87						AAAK1213 106	AAAS4343 91	AAAV5555 92	AAEA2727 93	AAEH2022 103	AAEJ2224 104	AAEQ2323 90	AAEW3332 89	ACEA2020 93	ACEX3232 87						AAAK1415 106	AAAS4444 91	AAAV6060 92	AAEA2828 93	AAEH2123 103	AAEJ2426 104	AAEQ2424 90	AAEW3332 89	ACEA2222 93	ACEX3434 87						AAAK1617 106	AAAS4646 91	AAAV6565 92	AAEA2929 93	AAEH2224 103	AAEJ2427 104	AAEQ2626 89	AAEW3332 89	ACEA2424 93	ACEX3636 87						AAAK1819 106	AAAS4848 91	AAAV7070 92	AAEA3030 93	AAEH2326 103	AAEJ2528 104	AAEQ2707 89	AAEW3332 89	ACEA2626 93	ACEX4040 87						AAAP0810 106	AAAS5050 91	AAAV7575 92	AAEA3232 93	AAEH2427 103	AAEJ2628 104	AAEQ2808 89	AAEW3332 89	ACEA2828 93	<b>AD...</b>						AAAP1012 106	AAAS5555 91	AAAV8080 92	AAEB0606 97	AAEH2528 103	AAEJ2729 104	AAEQ2909 89	AAEW3332 89	ACEA3030 93	ADAF0808 107						AAAP1214 106	AAAS5858 91	AAAV8585 92	AAEB0707 97	AAEH2730 103	AAEJ2730 104	AAEQ3030 89	AAEW3332 89	ACEA3232 93	ADAF1010 107						AAAP1417 106	AAAS6060 91	AAAV9090 92	AAEB0808 97	AAEH3032 103	AAEJ2732 104	AAEQ3111 89	AAEW3332 89	ACEA3434 93	ADAF1212 107						AAAP1719 106	AAAS6565 91	AAAV9595 92	AAEB0909 97	AAEH3236 103	AAEJ3032 104	AAEQ3236 89	AAEW3332 89	ACEA3636 93	ADAF1414 107						AAAP2224 106	AAAT1616 91	AAAVA0A0 92	AAEB1010 97	AAEH3641 103	AAEJ3235 104	AAEQ3335 89	AAEW3332 89	ACEA4040 93	ADAF1616 107						AAAR2222 91	AAAT1717 91	AAAVA5A5 92	AAEB1111 97	AAEH3842 103	AAEJ3236 104																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
AAAH2430 103	AAAS2222 91	AAAU9595 92	AAEA1414 93	AAEH0810 103	AAEJ1315 104	AAEQ1010 90	AAEW3332 89	ACAH4652 103	ACEX1010 87						AAAH2528 103	AAAS2323 91	AAAU0A0A 92	AAEA1515 93	AAEH1011 103	AAEJ1317 104	AAEQ1111 90	AAEW3332 89	ACAH4852 103	ACEX1111 87						AAAH2629 103	AAAS2424 91	AAAU0A5A 92	AAEA1616 93	AAEH1012 103	AAEJ1415 104	AAEQ1212 90	AAEW3332 89	ACAH5258 103	ACEX1212 87						AAAH2729 103	AAAS2626 91	AAAV2424 92	AAEA1717 93	AAEH1113 103	AAEJ1417 104	AAEQ1313 90	AAEW3332 89	ACAH5460 103	ACEX1414 87						AAAH2730 103	AAAS2727 91	AAAV2727 92	AAEA1818 93	AAEH1213 103	AAEJ1617 104	AAEQ1414 90	AAEW3332 89	ACAH5864 103	ACEX1616 87						AAAH2732 103	AAAS2929 91	AAAV3030 92	AAEA1919 93	AAEH1214 103	AAEJ1618 104	AAEQ1515 90	AAEW3332 89	ACAH7278 103	ACEX1818 87						AAAH2932 103	AAAS3030 91	AAAV3232 92	AAEA2020 93	AAEH1415 103	AAEJ1719 104	AAEQ1616 90	AAEW3332 89	ACEA0808 93	ACEX1818 87						AAAH3032 103	AAAS3232 91	AAAV3636 92	AAEA2121 93	AAEH1417 103	AAEJ1819 104	AAEQ1717 90	AAEW3332 89	ACEA1010 93	ACEX2020 87						AAAH3641 103	AAAS3434 91	AAAV3838 92	AAEA2222 93	AAEH1617 103	AAEJ1921 104	AAEQ1818 90	AAEW3332 89	ACEA1111 93	ACEX2222 87						AAAH4146 103	AAAS3535 91	AAAV4141 92	AAEA2323 93	AAEH1719 103	AAEJ1922 104	AAEQ1919 90	AAEW3332 89	ACEA1212 93	ACEX2424 87						AAAH5560 103	AAAS3636 91	AAAV4343 92	AAEA2424 93	AAEH1819 103	AAEJ2021 104	AAEQ2020 90	AAEW3332 89	ACEA1414 93	ACEX2626 87						AAAK0809 106	AAAS3838 91	AAAV4646 92	AAEA2525 93	AAEH1921 103	AAEJ2022 104	AAEQ2121 90	AAEW3332 89	ACEA1616 93	ACEX2828 87						AAAK1011 106	AAAS4141 91	AAAV5050 92	AAEA2626 93	AAEH1922 103	AAEJ2123 104	AAEQ2222 90	AAEW3332 89	ACEA1818 93	ACEX3030 87						AAAK1213 106	AAAS4343 91	AAAV5555 92	AAEA2727 93	AAEH2022 103	AAEJ2224 104	AAEQ2323 90	AAEW3332 89	ACEA2020 93	ACEX3232 87						AAAK1415 106	AAAS4444 91	AAAV6060 92	AAEA2828 93	AAEH2123 103	AAEJ2426 104	AAEQ2424 90	AAEW3332 89	ACEA2222 93	ACEX3434 87						AAAK1617 106	AAAS4646 91	AAAV6565 92	AAEA2929 93	AAEH2224 103	AAEJ2427 104	AAEQ2626 89	AAEW3332 89	ACEA2424 93	ACEX3636 87						AAAK1819 106	AAAS4848 91	AAAV7070 92	AAEA3030 93	AAEH2326 103	AAEJ2528 104	AAEQ2707 89	AAEW3332 89	ACEA2626 93	ACEX4040 87						AAAP0810 106	AAAS5050 91	AAAV7575 92	AAEA3232 93	AAEH2427 103	AAEJ2628 104	AAEQ2808 89	AAEW3332 89	ACEA2828 93	<b>AD...</b>						AAAP1012 106	AAAS5555 91	AAAV8080 92	AAEB0606 97	AAEH2528 103	AAEJ2729 104	AAEQ2909 89	AAEW3332 89	ACEA3030 93	ADAF0808 107						AAAP1214 106	AAAS5858 91	AAAV8585 92	AAEB0707 97	AAEH2730 103	AAEJ2730 104	AAEQ3030 89	AAEW3332 89	ACEA3232 93	ADAF1010 107						AAAP1417 106	AAAS6060 91	AAAV9090 92	AAEB0808 97	AAEH3032 103	AAEJ2732 104	AAEQ3111 89	AAEW3332 89	ACEA3434 93	ADAF1212 107						AAAP1719 106	AAAS6565 91	AAAV9595 92	AAEB0909 97	AAEH3236 103	AAEJ3032 104	AAEQ3236 89	AAEW3332 89	ACEA3636 93	ADAF1414 107						AAAP2224 106	AAAT1616 91	AAAVA0A0 92	AAEB1010 97	AAEH3641 103	AAEJ3235 104	AAEQ3335 89	AAEW3332 89	ACEA4040 93	ADAF1616 107						AAAR2222 91	AAAT1717 91	AAAVA5A5 92	AAEB1111 97	AAEH3842 103	AAEJ3236 104																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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AAAH2729 103	AAAS2626 91	AAAV2424 92	AAEA1717 93	AAEH1113 103	AAEJ1417 104	AAEQ1313 90	AAEW3332 89	ACAH5460 103	ACEX1414 87						AAAH2730 103	AAAS2727 91	AAAV2727 92	AAEA1818 93	AAEH1213 103	AAEJ1617 104	AAEQ1414 90	AAEW3332 89	ACAH5864 103	ACEX1616 87						AAAH2732 103	AAAS2929 91	AAAV3030 92	AAEA1919 93	AAEH1214 103	AAEJ1618 104	AAEQ1515 90	AAEW3332 89	ACAH7278 103	ACEX1818 87						AAAH2932 103	AAAS3030 91	AAAV3232 92	AAEA2020 93	AAEH1415 103	AAEJ1719 104	AAEQ1616 90	AAEW3332 89	ACEA0808 93	ACEX1818 87						AAAH3032 103	AAAS3232 91	AAAV3636 92	AAEA2121 93	AAEH1417 103	AAEJ1819 104	AAEQ1717 90	AAEW3332 89	ACEA1010 93	ACEX2020 87						AAAH3641 103	AAAS3434 91	AAAV3838 92	AAEA2222 93	AAEH1617 103	AAEJ1921 104	AAEQ1818 90	AAEW3332 89	ACEA1111 93	ACEX2222 87						AAAH4146 103	AAAS3535 91	AAAV4141 92	AAEA2323 93	AAEH1719 103	AAEJ1922 104	AAEQ1919 90	AAEW3332 89	ACEA1212 93	ACEX2424 87						AAAH5560 103	AAAS3636 91	AAAV4343 92	AAEA2424 93	AAEH1819 103	AAEJ2021 104	AAEQ2020 90	AAEW3332 89	ACEA1414 93	ACEX2626 87						AAAK0809 106	AAAS3838 91	AAAV4646 92	AAEA2525 93	AAEH1921 103	AAEJ2022 104	AAEQ2121 90	AAEW3332 89	ACEA1616 93	ACEX2828 87						AAAK1011 106	AAAS4141 91	AAAV5050 92	AAEA2626 93	AAEH1922 103	AAEJ2123 104	AAEQ2222 90	AAEW3332 89	ACEA1818 93	ACEX3030 87						AAAK1213 106	AAAS4343 91	AAAV5555 92	AAEA2727 93	AAEH2022 103	AAEJ2224 104	AAEQ2323 90	AAEW3332 89	ACEA2020 93	ACEX3232 87						AAAK1415 106	AAAS4444 91	AAAV6060 92	AAEA2828 93	AAEH2123 103	AAEJ2426 104	AAEQ2424 90	AAEW3332 89	ACEA2222 93	ACEX3434 87						AAAK1617 106	AAAS4646 91	AAAV6565 92	AAEA2929 93	AAEH2224 103	AAEJ2427 104	AAEQ2626 89	AAEW3332 89	ACEA2424 93	ACEX3636 87						AAAK1819 106	AAAS4848 91	AAAV7070 92	AAEA3030 93	AAEH2326 103	AAEJ2528 104	AAEQ2707 89	AAEW3332 89	ACEA2626 93	ACEX4040 87						AAAP0810 106	AAAS5050 91	AAAV7575 92	AAEA3232 93	AAEH2427 103	AAEJ2628 104	AAEQ2808 89	AAEW3332 89	ACEA2828 93	<b>AD...</b>						AAAP1012 106	AAAS5555 91	AAAV8080 92	AAEB0606 97	AAEH2528 103	AAEJ2729 104	AAEQ2909 89	AAEW3332 89	ACEA3030 93	ADAF0808 107						AAAP1214 106	AAAS5858 91	AAAV8585 92	AAEB0707 97	AAEH2730 103	AAEJ2730 104	AAEQ3030 89	AAEW3332 89	ACEA3232 93	ADAF1010 107						AAAP1417 106	AAAS6060 91	AAAV9090 92	AAEB0808 97	AAEH3032 103	AAEJ2732 104	AAEQ3111 89	AAEW3332 89	ACEA3434 93	ADAF1212 107						AAAP1719 106	AAAS6565 91	AAAV9595 92	AAEB0909 97	AAEH3236 103	AAEJ3032 104	AAEQ3236 89	AAEW3332 89	ACEA3636 93	ADAF1414 107						AAAP2224 106	AAAT1616 91	AAAVA0A0 92	AAEB1010 97	AAEH3641 103	AAEJ3235 104	AAEQ3335 89	AAEW3332 89	ACEA4040 93	ADAF1616 107						AAAR2222 91	AAAT1717 91	AAAVA5A5 92	AAEB1111 97	AAEH3842 103	AAEJ3236 104																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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AAAH3032 103	AAAS3232 91	AAAV3636 92	AAEA2121 93	AAEH1417 103	AAEJ1819 104	AAEQ1717 90	AAEW3332 89	ACEA1010 93	ACEX2020 87						AAAH3641 103	AAAS3434 91	AAAV3838 92	AAEA2222 93	AAEH1617 103	AAEJ1921 104	AAEQ1818 90	AAEW3332 89	ACEA1111 93	ACEX2222 87						AAAH4146 103	AAAS3535 91	AAAV4141 92	AAEA2323 93	AAEH1719 103	AAEJ1922 104	AAEQ1919 90	AAEW3332 89	ACEA1212 93	ACEX2424 87						AAAH5560 103	AAAS3636 91	AAAV4343 92	AAEA2424 93	AAEH1819 103	AAEJ2021 104	AAEQ2020 90	AAEW3332 89	ACEA1414 93	ACEX2626 87						AAAK0809 106	AAAS3838 91	AAAV4646 92	AAEA2525 93	AAEH1921 103	AAEJ2022 104	AAEQ2121 90	AAEW3332 89	ACEA1616 93	ACEX2828 87						AAAK1011 106	AAAS4141 91	AAAV5050 92	AAEA2626 93	AAEH1922 103	AAEJ2123 104	AAEQ2222 90	AAEW3332 89	ACEA1818 93	ACEX3030 87						AAAK1213 106	AAAS4343 91	AAAV5555 92	AAEA2727 93	AAEH2022 103	AAEJ2224 104	AAEQ2323 90	AAEW3332 89	ACEA2020 93	ACEX3232 87						AAAK1415 106	AAAS4444 91	AAAV6060 92	AAEA2828 93	AAEH2123 103	AAEJ2426 104	AAEQ2424 90	AAEW3332 89	ACEA2222 93	ACEX3434 87						AAAK1617 106	AAAS4646 91	AAAV6565 92	AAEA2929 93	AAEH2224 103	AAEJ2427 104	AAEQ2626 89	AAEW3332 89	ACEA2424 93	ACEX3636 87						AAAK1819 106	AAAS4848 91	AAAV7070 92	AAEA3030 93	AAEH2326 103	AAEJ2528 104	AAEQ2707 89	AAEW3332 89	ACEA2626 93	ACEX4040 87						AAAP0810 106	AAAS5050 91	AAAV7575 92	AAEA3232 93	AAEH2427 103	AAEJ2628 104	AAEQ2808 89	AAEW3332 89	ACEA2828 93	<b>AD...</b>						AAAP1012 106	AAAS5555 91	AAAV8080 92	AAEB0606 97	AAEH2528 103	AAEJ2729 104	AAEQ2909 89	AAEW3332 89	ACEA3030 93	ADAF0808 107						AAAP1214 106	AAAS5858 91	AAAV8585 92	AAEB0707 97	AAEH2730 103	AAEJ2730 104	AAEQ3030 89	AAEW3332 89	ACEA3232 93	ADAF1010 107						AAAP1417 106	AAAS6060 91	AAAV9090 92	AAEB0808 97	AAEH3032 103	AAEJ2732 104	AAEQ3111 89	AAEW3332 89	ACEA3434 93	ADAF1212 107						AAAP1719 106	AAAS6565 91	AAAV9595 92	AAEB0909 97	AAEH3236 103	AAEJ3032 104	AAEQ3236 89	AAEW3332 89	ACEA3636 93	ADAF1414 107						AAAP2224 106	AAAT1616 91	AAAVA0A0 92	AAEB1010 97	AAEH3641 103	AAEJ3235 104	AAEQ3335 89	AAEW3332 89	ACEA4040 93	ADAF1616 107						AAAR2222 91	AAAT1717 91	AAAVA5A5 92	AAEB1111 97	AAEH3842 103	AAEJ3236 104																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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AAAK1415 106	AAAS4444 91	AAAV6060 92	AAEA2828 93	AAEH2123 103	AAEJ2426 104	AAEQ2424 90	AAEW3332 89	ACEA2222 93	ACEX3434 87						AAAK1617 106	AAAS4646 91	AAAV6565 92	AAEA2929 93	AAEH2224 103	AAEJ2427 104	AAEQ2626 89	AAEW3332 89	ACEA2424 93	ACEX3636 87						AAAK1819 106	AAAS4848 91	AAAV7070 92	AAEA3030 93	AAEH2326 103	AAEJ2528 104	AAEQ2707 89	AAEW3332 89	ACEA2626 93	ACEX4040 87						AAAP0810 106	AAAS5050 91	AAAV7575 92	AAEA3232 93	AAEH2427 103	AAEJ2628 104	AAEQ2808 89	AAEW3332 89	ACEA2828 93	<b>AD...</b>						AAAP1012 106	AAAS5555 91	AAAV8080 92	AAEB0606 97	AAEH2528 103	AAEJ2729 104	AAEQ2909 89	AAEW3332 89	ACEA3030 93	ADAF0808 107						AAAP1214 106	AAAS5858 91	AAAV8585 92	AAEB0707 97	AAEH2730 103	AAEJ2730 104	AAEQ3030 89	AAEW3332 89	ACEA3232 93	ADAF1010 107						AAAP1417 106	AAAS6060 91	AAAV9090 92	AAEB0808 97	AAEH3032 103	AAEJ2732 104	AAEQ3111 89	AAEW3332 89	ACEA3434 93	ADAF1212 107						AAAP1719 106	AAAS6565 91	AAAV9595 92	AAEB0909 97	AAEH3236 103	AAEJ3032 104	AAEQ3236 89	AAEW3332 89	ACEA3636 93	ADAF1414 107						AAAP2224 106	AAAT1616 91	AAAVA0A0 92	AAEB1010 97	AAEH3641 103	AAEJ3235 104	AAEQ3335 89	AAEW3332 89	ACEA4040 93	ADAF1616 107						AAAR2222 91	AAAT1717 91	AAAVA5A5 92	AAEB1111 97	AAEH3842 103	AAEJ3236 104																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Part No.		Part No.		Part No.		Part No.		Part No.		Part No.		Part No.		Part No.	
ADAF2222	107	AEBE1213	116	AFAO3226	155	AGAS2E06	237	AGHD1027	244	AIED1514	244	ANAC1612	128	ANAR0114	127
ADAF2424	107	AEBE1415	116	AFAS1612	155	AGAS3E07	237	AGHD1227	244	AIED2014	244	ANAC1614	128	ANAR0115	127
<b>AE</b>		AEBE1617	116	AFAV1212	115	AGAS4E08	237	AGHD2E14	244	AIED2514	244	ANAE1624	130	ANAR0116	127
AEAEO606	116	AEBE1819	116	AFAV1214	115	AGBE0210	237	<b>AH...</b>		AIED2720	244	ANAE2432	130	ANAR0117	127
AEAEO707	116	AEBE2022	116	AFAV1216	115	AGBE0313	237	AHAI0419	245	AIED3020	244	ANAF0803	126	ANAR0119	127
AEAEO808	116	AEBE2123	116	AFAV1218	115	AGBE0414	237	AHAI0519	245	AIED4020	244	ANAF1203	126	ANAR0122	127
AEAEO909	116	AEBE2426	116	AFAV1220	115	AGBE0517	237	AHAI0819	245	AIED4527	244	ANAF1211	126	ANAR0124	127
AEAEO1010	116	AEBE2528	116	AFAV1222	115	AGBE0619	237	AHAI1019	245	AIED5027	244	ANAF1621	126	ANAR0126	127
AEAEO1111	116	AEBE2729	116	AFAV1224	115	AGBE0720	237	AHAI1219	245	AIFB0801	243	ANAF1635	126	ANAR0127	127
AEAEO1212	116	AEBE3032	116	AFAV1228	115	AGBE0821	237	AHBL0208	237	AIFB0802	243	ANAF2450	126	ANAR0129	127
AEAEO1313	116	AEEA0809	105	AFAV1228	115	AGBE1023	237	AHBL0309	237	AIFH0801	243	ANAF2470	126	ANAR0130	127
AEAEO1414	116	AEEA0810	105	AFAV1228	115	AGBE1226	237	AHBL0410	237	<b>AL...</b>		ANAF2498	126	ANAR0132	127
AEAEO1515	116	AEEA1011	105	AFAV1228	115	AGBE1E09	237	AHBL0410	237	ALAD0803	429	ANAF3298	126	ANAR0307	127
AEAEO1616	116	AEEA1012	105	AFAV1228	115	AGBE2E11	237	AHBL0511	237	ALAD1203	429	ANAG0826	126	ANAR0308	127
AEAEO1717	116	AEEA1113	105	AFAV1228	115	AGBL0208	237	AHBL0612	237	ALAD1211	429	ANAG1208	126	ANAR0309	127
AEAEO1818	116	AEEA1213	105	AFAV1228	115	AGBL0310	237	AHBL0814	237	ALAD1621	429	ANAG1225	126	ANAR0310	127
AEAEO1919	116	AEEA1214	105	AFAV1228	115	AGBL0411	237	AHBL1016	237	ALAD1635	429	ANAG1615	126	ANAR0311	127
AEAEO2020	116	AEEA1417	105	AFAV1228	115	AGBL0512	237	AHBL1217	237	ALAD2450	429	ANAG1625	126	ANAR0312	127
AEAEO2121	116	AEEA1618	105	AFAV1228	115	AGBL0614	237	AHBL2E08	237	ALAD3298	429	ANAG2430	126	ANAR0313	127
AEAEO2222	116	AEEA1719	105	<b>AG...</b>		AGBL0715	237	<b>AI...</b>		ALAE162414	130	ANAG2460	126	ANAR0314	127
AEAEO2323	116	AEEA1922	105	AGAE0210	237	AGBL0816	237	AIAE1010	237	ALAE243214	130	ANAG2470	126	ANAS0803	126
AEAEO2424	116	AEEA2224	105	AGAE0313	237	AGBL1018	237	AIAE1510	237	ALAH0803	429	ANAG3270	126	ANAS1211	126
AEAEO2525	116	AEEA2427	105	AGAE0414	237	AGBL1220	237	AIAE2011	237	ALAH1205	429	ANAH0108	127	ANAS1621	126
AEAEO2626	116	AEEA3032	105	AGAE0517	237	AGBL1E08	237	AIAE2513	237	ALAH1610	429	ANAH0121	127	ANAS1635	126
AEAEO2727	116	AEEA3641	105	AGAE0619	237	AGBL2E09	237	AIAE2715	237	ALAH2455	429	ANAH0303	127	ANAS2480	126
AEAEO2828	116	AEEB0808	115	AGAE0720	237	AGCA0215	245	AIAE3017	237	ALAH2475	429	ANAJ0130	127	ANAU0803	125
AEAEO2929	116	AEEB0909	115	AGAE0821	237	AGCA0315	245	AIAE4018	237	ALAH32A0	429	ANAK0113	127	ANAU1210	125
AEAEO3030	116	AEEB1010	115	AGAE1023	237	AGCA0415	245	AIAE4520	237	ALAJ1619	429	ANAK0114	127	ANAU1620	125
AEAEO3232	116	AEEB1111	115	AGAE1226	237	AGCA0521	245	AIAE5023	237	ALAL0803	429	ANAK0115	127	ANAU1634	125
AEAH1013	111	AEEB1212	115	AGAE1429	237	AGCA0621	245	AIAL0807	237	ALAL1211	429	ANAK0116	127	ANAU2475	125
AEAH1214	111	AEEB1313	115	AGAE1734	237	AGCA0828	245	AIAL1007	237	ALAL1621	429	ANAK0117	127	ANAU32A0	125
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AEAH1417	111	AEEB1515	115	AGAE1E09	237	AGCA2E15	245	AIAL2009	237	ALAL2480	429	ANAK0119	127	ANCD0806	128
AEAH1719	111	AEEB1616	115	AGAE2E11	237	AGCD0214	244	AIAL2510	237	ALAM0803	429	ANAK0121	127	ANCD081B	128
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AEAH1921	111	AEEB1818	115	AGAI0319	245	AGCD0414	244	AIAL3013	237	ALAM1620	429	ANAK0124	127	ANCE1648	131
AEAH1922	111	AEEB1919	115	AGAI0419	245	AGCD0520	244	AIAL4014	237	ALAM1634	429	ANAK0126	127	ANDE2448	131
AEAH1924	111	AEEC0607	115	AGAI0519	245	AGCD0620	244	AIAL4516	237	ALAM2475	429	ANAK0127	127	<b>AO...</b>	
AEAH2123	111	AEEC0809	115	AGAI0619	245	AGCD0720	244	AIAL5018	237	ALAM32A0	429	ANAK0129	127	AOAB0808	111
AEAH2224	111	AEEC0810	115	AGAI0819	245	AGCD0827	244	AIAL5520	237	ALEA2430	92	ANAK0130	127	AOAB0909	111
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AEAH2430	111	AEEC1012	115	AGAI2E19	245	AGCD1227	244	AIAL6022	237	ALEA60A5	92	ANAK0134	127	AOAB1111	111
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AEAH3032	111	AEEC1415	115	AGAL0411	237	AGDA1232	243	AIAL5520	237	ALEB2432	116	ANAK0141	127	AOAB1414	111
AEAH3236	111	AEEC1417	115	AGAL0512	237	AGDA1434	243	AIAL5520	237	<b>AM...</b>		ANAK0146	127	AOAB1515	111
AEAH3641	111	AEEC1617	115	AGAL0614	237	AGDAE418	243	AIAL5520	237	AMAA2415	114	ANAK0307	127	AOAB1616	111
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AEAH4650	111	AEEC1819	115	AGAL0816	237	AGDB0313	243	AIAL5520	237	AMAA3325	114	ANAK0309	127	AOAB1818	111
AEAH5055	111	AEEC2022	115	AGAL0917	237	AGDB0418	243	AIAL5520	237	AMAA3830	114	ANAK0310	127	AOAB1919	111
AEAL1616	117	AEEEX1A35	114	AGAL1018	237	AGDB0518	243	AIAL5520	237	AMAB1710	114	ANAK0311	127	AOAC0608	111
AEAL2401	117	AEEEX1A50	114	AGAL1222	237	AGDB0621	243	AIAL5520	237	AMAB2415	114	ANAK0312	127	AOAC1012	111
AEAQ2214	117	AEEEX1A80	114	AGAL1424	237	AGDB0825	243	AIAL5520	237	AMAB2920	114	ANAK0313	127	AOAC1418	111
AEAT1010	111	AEEEX1AA2	114	AGAL1727	237	AGDB1030	243	AIAL5520	237	AMAB3325	114	ANAK0314	127	AOAC2024	111
AEAT1111	111	AEEEX1AA8	114	AGAL1930	237	AGDB1213	243	AIAL5520	237	AMAB3830	114	ANAK0315	127	AOAC0808	109
AEAT1313	111	AEJA0607	105	AGAL1E08	237	AGDB3E13	243	AIAL5520	237	AMAB5038	114	ANAK0316	127	AOAF0909	109
AEAT1717	111	AEJA0809	105	AGAL2E09	237	AGFB0701	243	AIAL5520	237	AMAB6045	114	ANAK0317	127	AOAF1010	109
AEAT1919	111	AEJA1011	105	AGAS0205	237	AGFB0703	243	AIAL5520	237	AMAB7060	114	ANAK0318	127	AOAF1111	109
AEAT2222	111	AEJA1213	105	AGAS0307	237	AGFH0701	243	AIAL5520	237	AMAC2015	114	ANAK0319	127	AOAF1212	109
AEAV1210	115	AEJA1415	105	AGAS0407	237	AGGS0508	237	AIAL5520	237	AMAC2420	114	ANAL0116	127	AOAF1313	109
AEAV1211	115	AEJA1617	105	AGAS0509	237	AGGS0608	237	AIAL5520	237	AMAC2925	114	ANAL0216	127	AOAF1414	109
AEAV1212	115	AEJA1819	105	AGAS0610	237	AGGS0809	237	AIAL5520	237	AMAC3430	114	ANAL0412	127	AOAF1515	109
AEAV1213	115	AEJA2224	105	AGAS0710	237	AGGS1010	237	AIEA1015	245	AMAC4338	114	ANAM0803	125	AOAF1616	109
AEAV1214	115	<b>AF...</b>		AGAS0811	237	AGGS1211	237	AIEA1515	245	AMAD2920	379	ANAM1205	125	AOAF1717	109
AEAV1215	115	AFAN1208	155	AGAS0912	237	AGGS1414	237	AIEA2015	245	AMAD3325	379	ANAM1610	125	AOAF1818	109
AEAV1216	115	AFAN1610	155	AGAS1012	237	AGHD0214	244	AIEA2515	245	AMAD3830	379	ANAM1620	125	AOAF1919	109
AEAV1217	115	AFAN1612	155	AGAS1214	237	AGHD0314	244	AIEA2721	245	AMAR2320	114	ANAM1630	125	AOAF2222	109
AEAV1218	115	AFAN1614	155	AGAS1415	237	AGHD0414	244	AIEA3021	245	AMAR3125	114	ANAM1640	125	AOAF2424	109
AEAV1219	115	AFAN2416	155	AGAS1718	237	AGHD0520	244	AIEA4021	245	<b>AN...</b>		ANAM2455	125	AOAG0809	111
AEBE0607	116	AFAO2412	155	AGAS1920	237	AGHD0620	244	AIEA4528	245	ANAC1607	128	ANAM2475	125	AOAG1011	111
AEBE0809	116	AFAO2414	155	AGAS1C04	237	AGHD0720	244	AIEA5028	245	ANAC1608	128	ANAM32A0	125	AOAG1213	111
AEBE1011	116	AFAO2418	155	AGAS1E05	237	AGHD0827	244	AIED1014	244	ANAC1610	128	ANAR0113	127	AOAG1415	111



Part No.		Part No.		Part No.		Part No.		Part No.		Part No.		Part No.		Part No.	
BAEA2426	134	BAEB1216	136	BAED1612	138	BAEF1209	137	BBEA1209	134	BBEB1634	137	BBEF0814	138	BCDA086E	143
BAEA2427	134	BAEB1217	136	BAED1614	138	BAEF1210	137	BBEA1210	134	BBEB1636	137	BBEF0816	138	BCDA1203	143
BAEA2428	134	BAEB1218	136	BAED1616	138	BAEF1211	137	BBEA1211	134	BBEB1638	137	BBEF0818	138	BCDA1204	143
BAEA2429	134	BAEB1219	136	BAED1618	138	BAEF1212	137	BBEA1212	134	BBEB1640	137	BBEF1208	138	BCDA1204V4	379
BAEA2430	134	BAEB1220	136	BAED1620	138	BAEF1213	137	BBEA1214	134	BBEB2424	137	BBEF1210	138	BCDA1205	143
BAEA2432	134	BAEB1221	136	BAED1622	138	BAEF1214	137	BBEA1216	134	BBEB2426	137	BBEF1212	138	BCDA1205V4	379
BAEA2433	134	BAEB1222	136	BAED1624	138	BAEF1215	137	BBEA1218	134	BBEB2428	137	BBEF1214	138	BCDA1206	143
BAEA2434	134	BAEB1224	136	BAEE0804	135	BAEF1216	137	BBEA1219	134	BBEB2430	137	BBEF1216	138	BCDA1206V4	379
BAEA2435	134	BAEB1608	136	BAEE0805	135	BAEF1217	137	BBEA1220	134	BBEB2432	137	BBEF1218	138	BCDA1207	143
BAEA2436	134	BAEB1609	136	BAEE0806	135	BAEF1218	137	BBEA1222	134	BBEB2434	137	BBEF1220	138	BCDA1208	143
BAEA2437	134	BAEB1610	136	BAEE0807	135	BAEF1219	137	BBEA1224	134	BBEB2436	137	BBEF1222	138	BCDA1208V4	379
BAEA2438	134	BAEB1611	136	BAEE0808	135	BAEF1220	137	BBEA1225	134	BBEB2438	137	BBEF1224	138	BCDA1210	143
BAEA2439	134	BAEB1612	136	BAEE0809	135	BAEF1221	137	BBEA1226	134	BBEB2440	137	BBEF1226	138	BCDA1604	143
BAEA2440	134	BAEB1613	136	BAEE0810	135	BAEF1222	137	BBEA1228	134	BBEB2442	137	BBEF1228	138	BCDA1605	143
BAEA2441	134	BAEB1614	136	BAEE0811	135	BAEF1608	137	BBEA1230	134	BBEB2444	137			BCDA1605V4	379
BAEA2442	134	BAEB1615	136	BAEE0812	135	BAEF1609	137	BBEA1610	134	BBEB2446	137	BCAA08P0	144	BCDA1606	143
BAEA2443	134	BAEB1616	136	BAEE0813	135	BAEF1610	137	BBEA1611	134	BBEB2448	137	BCAA08P1	144	BCDA1606V4	379
BAEA2444	134	BAEB1617	136	BAEE0814	135	BAEF1611	137	BBEA1612	134	BBEB2452	137	BCAA08P2	144	BCDA1607	143
BAEA2445	134	BAEB1618	136	BAEE084E	135	BAEF1612	137	BBEA1614	134	BBEB2454	137	BCAA08P3	144	BCDA1608	143
BAEA2446	134	BAEB1619	136	BAEE085E	135	BAEF1613	137	BBEA1616	134	BBEB2456	137	BCAA08P4	144	BCDA1608V4	379
BAEA2448	134	BAEB1620	136	BAEE1206	135	BAEF1614	137	BBEB1618	134	BBEB2460	137	BCAA12P1	144	BCDA1609	143
BAEA2450	134	BAEB1621	136	BAEE1207	135	BAEF1615	137	BBEA1619	134	BBEB2464	137	BCAA12P2	144	BCDA1610	143
BAEA2451	134	BAEB1622	136	BAEE1208	135	BAEF1616	137	BBEA1620	134	BBEB2466	137	BCAA12P3	144	BCDA1612	143
BAEA2452	134	BAEB1623	136	BAEE1209	135	BAEF1617	137	BBEA1621	134	BBEB2468	137	BCAA12P4	144	BCDA1614	143
BAEA2454	134	BAEB1624	136	BAEE1210	135	BAEF1618	137	BBEA1622	134	BBEB2470	137	BCAA16P2	144	BCDA1617	143
BAEA2455	134	BAEB1625	136	BAEE1211	135	BAEF1619	137	BBEA1624	134	BBEB2472	137	BCAA16P3	144	BCDA1619	143
BAEA2456	134	BAEB1626	136	BAEE1212	135	BAEF1620	137	BBEA1625	134	BBEB2474	137	BCAA16P4	144	BCDA2414	143
BAEA2457	134	BAEB1627	136	BAEE1213	135	BAEF1621	137	BBEA1626	134	BBEB2476	137	BCAB08P1	148	BCDA2417	143
BAEA2458	134	BAEB1628	136	BAEE1214	135	BAEF1622	137	BBEA1628	134	BBEB2478	137	BCAB08P2	148	BCDA2419	143
BAEA2460	134	BAEB1629	136	BAEE1215	135	BAEF1623	137	BBEA1630	134	BBEB2480	137	BCAB08P3	148	BCDA2422	143
BAEA2465	134	BAEB1630	136	BAEE1216	135	BAEF1624	137	BBEA1632	134	BBEB2482	137	BCBA08P0	144	BCDB0803	148
BAEA2470	134	BAEB1632	136	BAEE1217	135	BAEF1626	137	BBEA1634	134	BBEB2484	137	BCBA08P1	144	BCDB0804	148
BAEA3236	134	BAEB2419	136	BAEE1218	135	BAEF1627	137	BBEA1636	134	BBEB2486	137	BCBA08P2	144	BCDB0805	148
BAEA3238	134	BAEB2421	136	BAEE1219	135	BAEF1628	137	BBEA1638	134	BBEB2488	137	BCBA08P3	144	BCDB0806	148
BAEA3241	134	BAEB2422	136	BAEE1220	135	BAEF1629	137	BBEA1640	134	BBEB2490	137	BCBA08P4	144	BCDB0807	148
BAEA3246	134	BAEB2423	136	BAEE1221	135	BAEF1630	137	BBEB0806	137	BBEB2492	137	BCBA12P1	144	BCDB0808	148
BAEA3250	134	BAEB2424	136	BAEE1222	135	BAEF1632	137	BBEB0807	137	BBEB2494	137	BCBA12P2	144	BCEA1605	147
BAEA3254	134	BAEB2426	136	BAEE1608	135	BAEH0804	138	BBEB0808	137	BBEB2496	137	BCBA12P3	144	BCEA1606	147
BAEA3255	134	BAEB2427	136	BAEE1609	135	BAEH0805	138	BBEB0809	137	BBEB2498	137	BCBA12P4	144	BCEA1607	147
BAEA3258	134	BAEB2428	136	BAEE1610	135	BAEH0806	138	BBEB0810	137	BBEB2500	137	BCCA0803	144	BCEA1608	147
BAEA3260	134	BAEB2429	136	BAEE1611	135	BAEH0807	138	BBEB0811	137	BBEB2502	137	BCCA0804	144	BCFA0806	144
BAEA3263	134	BAEB2430	136	BAEE1612	135	BAEH0808	138	BBEB0812	137	BBEB2504	137	BCCA0806	144	BCFA0807	144
BAEA3265	134	BAEB2432	136	BAEE1613	135	BAEH0810	138	BBEB0814	137	BBEB2506	137	BCCA0807	144	BCFA0808	144
BAEA3267	134	BAEB2433	136	BAEE1614	135	BAEH1610	138	BBEB0816	137	BBEB2508	137	BCCA0808	144	BCFA0809	144
BAEA3270	134	BAEB2434	136	BAEE1615	135	BAEH1612	138	BBEB0818	137	BBEB2510	137	BCCA084E	144	BCFA0810	144
BAEA3271	134	BAEB2435	136	BAEE1616	135	BAEH1614	138	BBEB1208	137	BBEB2512	137	BCCA085E	144	BCFA0815	144
BAEA3275	134	BAEB2436	136	BAEE1617	135	BAEH1616	138	BBEB1210	137	BBEB2514	137	BCCA086E	144	BCFA0820	144
BAEA3277	134	BAEB2438	136	BAEE1618	135	BAEH1618	138	BBEB1211	137	BBEB2516	137	BCCA1208	144	BCFA0825	144
BAEA3280	134	BAEB2441	136	BAEE1619	135	BAEH1620	138	BBEB1212	137	BBEB2518	137	BCCA1210	144	BCFA0827	144
BAEB0804	136	BAEB2446	136	BAEE1620	135	BAEJ1612	362	BBEB1214	137	BBEB2520	137	BCCA125E	144	BCFA0830	144
BAEB0805	136	BAEB2450	136	BAEE1621	135	BAEJ1614	362	BBEB1216	137	BBEB2522	137	BCCA126E	144	BCFA0835	144
BAEB0806	136	BAEB2455	136	BAEE1622	135			BBEB1218	137	BBEB2524	137	BCCA1608	144	BCFA0840	144
BAEB0807	136	BAEB2460	136	BAEE1623	135	BBAL1212	139	BBEB1219	137	BBEB2526	137	BCCA1610	144	BCFA1215	144
BAEB0808	136	BAEB2465	136	BAEE1624	135	BBAL1214	139	BBEB1220	137	BBEB2528	137	BCCA1612	144	BCFA1220	144
BAEB0809	136	BAEB2470	136	BAEE1625	135	BBAL1216	139	BBEB1222	137	BBEB2530	137	BCCA1614	144	BCFA1225	144
BAEB0810	136	BAED0804	138	BAEE1626	135	BBAL1218	139	BBEB1224	137	BBEB2532	137	BCCA1616	144	BCFA1227	144
BAEB0811	136	BAED0805	138	BAEE1627	135	BBAL1220	139	BBEB1226	137	BBEB2534	137	BCCB0803	148	BCFA1230	144
BAEB0812	136	BAED0806	138	BAEE1628	135	BBAL1222	139	BBEB1228	137	BBEB2536	137	BCCB0808	148	BCFA1240	144
BAEB0813	136	BAED0807	138	BAEE1629	135	BBAL1224	139	BBEB1610	137	BBEB2538	137	BCCB084E	148	BCFA1245	144
BAEB0814	136	BAED0808	138	BAEE1630	135	BBAR1626	141	BBEB1612	137	BBEB2540	137	BCCB086E	148	BCFA1250	144
BAEB084E	136	BAED0810	138	BAEE1632	135	BBEA0805	134	BBEB1614	137	BBEB2542	137	BCDA0803	143	BCFA1255	144
BAEB085E	136	BAED1208	138	BAEF0806	137	BBEA0806	134	BBEB1616	137	BBEB2544	137	BCDA0804	143	BCFA1620	144
BAEB1206	136	BAED1210	138	BAEF0807	137	BBEA0807	134	BBEB1618	137	BBEB2546	137	BCDA0804V4	379	BCFA1625	144
BAEB1207	136	BAED1211	138	BAEF0808	137	BBEA0808	134	BBEB1619	137	BBEB2548	137	BCDA0805	143	BCFA1627	144
BAEB1208	136	BAED1212	138	BAEF0809	137	BBEA0809	134	BBEB1620	137	BBEB2550	137	BCDA0805V4	379	BCFA1630	144
BAEB1209	136	BAED1214	138	BAEF0810	137	BBEA0810	134	BBEB1622	137	BBEB2552	137	BCDA0806	143	BCFA1640	144
BAEB1210	136	BAED1216	138	BAEF0811	137	BBEA0811	134	BBEB1624	137	BBEB2554	137	BCDA0806V4	379	BCFA1645	144
BAEB1211	136	BAED1218	138	BAEF0812	137	BBEA0812	134	BBEB1625	137	BBEB2556	137	BCDA0807	143	BCFA1650	144
BAEB1212	136	BAED1220	138	BAEF0813	137	BBEA0814	134	BBEB1626	137	BBEB2558	137	BCDA0808	143	BCFA1655	144
BAEB1213	136	BAED1608	138	BAEF1206	137	BBEA0816	134	BBEB1628	137	BBEB2560	137	BCDA0810	143	BCFA1660	144
BAEB1214	136	BAED1610	138	BAEF1207	137	BBEA0818	134	BBEB1630	137	BBEB2562	137	BCDA082E	143	BCFA1670	144
BAEB1215	136	BAED1611	138	BAEF1208	137	BBEA1208	134	BBEB1632	137	BBEB2564	137	BCDA085E	143	BCFB0806	148



Part No.		Part No.		Part No.		Part No.		Part No.		Part No.		Part No.		Part No.			
BCYA1610	362	CAAJ1615	156	CEAD1215	154	CJBM1627	151	CLBG0808	430	CTJA1123	118	DEAA1206B	278	DJBA2206	286	DTA-030N	123
BCYA1610S	362	CAAJ1624	156	CEAD1618	154	CJBT0816	151	CLBG1212	430	CTJA1223	118	DEAB2206	278	DJBA2208	286	DTA-135A4	124
<b>BD...</b>		CAAO2404	155	<b>CF...</b>		CJBT1220	151	CLBG1616	430	CTJA1323	118	DEAC2207B	278	DJCB2205	289	DTA-135N	123
BDDA0804	143	CAAO2408	155	CFAC0806	154	CJBT1627	151	CLBH2424	430	CTJA1423	118	DBAB2206B	278	<b>DK...</b>		DTA-200A4	124
BDDA0805	143	CAAO2416	155	CFAC080652	154	CJCK0819	152	CLBH3232	430	CTKA0806	118	DBAC1209	278	DEAD2206	278	DTA-200N	123
BDDA0806	143	CAAO3208	155	CFAC1210	154	CJCK1228	152	CLBJ0808	430	CTKA0807	118	DBBB2206	286	DEBB2206	286	DTA-340A4	124
BDDA0807	143	CAAO3216	155	CFAC121052	154	CJCK1640	152	CLBJ1212	430	CTKA0809	118	DEBB2207B	287	DEBB2206B	287	DTD-360A	124
BDDA0808	143	CABA0804V4	379	CFAC1610	154	CJDI0812	151	CLBJ1616	430	CTKA1210	118	DBBB2207B	287	DEBC2207	286	<b>E...</b>	
BDDA1204	143	CABA0806V4	379	CFAC1615	154	CJDI1215	151	CLBM1616	430	CTKA1212	118	DBBB2208	286	DEBC2207B	287	EAAA0169	387
BDDA1205	143	CABA1206V4	379	CFAC161552	154	CJEK0819	152	<b>CM...</b>		CTKA1213	118	DBBE2208	286	DEBC2208	286	EAA80260E	385
BDDA1206	143	CABA1210V4	379	CFAC1618	154	CJEK1225	152	GMBG1627	152	CTKA1214	118	DBCC2205	288	DEBE204E	288	EAC0260E	386
BDDA1207	143	CABA1605V4	379	CFAC1624	154	CJEK1633	152	CMRM1627	152	CTKA1215	118	DCAA1205	282	DEBF227E	285	EABA0155	388
BDDA1208	143	CABA1610V4	379	CFAC2418	154	CJFM0815	151	CMSU1627	152	CTKA1216	118	DCAA1207	282	DECD2205	288	EBA00110	390
BDDA1210	143	CABA2404	155	CFAC2424	154	CJFM1220	151	<b>CO...</b>		CTKA1217	118	DCAA1209	282	<b>DF...</b>		DLAA0101	396
BDDA1212	143	CABA2408	155	CFAC2418	154	CJFM1627	151	COAI1633	153	CTKA1218	118	DCAB1205	282	DFAB2206B	278	DLAA0102	396
BDDA1608	143	CABA2416	155	CFAC2418	154	CJFM1627	151	COAJ0814	255	CTKA1219	118	DCAB1207	282	DFAB2208B	278	DLAA0401	396
BDDA1610	143	CABA3208	155	CFAC2418	154	CJHM0814	152	COAK1612	299	CTKB1206	118	DCAB1209	282	DFAF1211	279	DLAA0601	396
BDDA1612	143	CABA3216	155	CFAC2418	154	CJHM1228	152	COAK1812	299	CTKB1207	118	DCAB1212	282	DFAE1211	279	DLAA1001	396
BDDA1614	143	CABO2404	155	CFAC2418	154	CJHM1631	152	<b>CT...</b>		CTKB1208	118	DCAC1205	282	DFAG1211	279	DLAA1002	396
BDDA1616	143	CABO2408	155	CFAC2418	154	CJKN0818	152	CTBA0832	118	CTKB1209	118	DCAC1207	282	DFAI1211	279	DLAA1601	396
BDDA1618	143	CABO2416	155	CFAC2418	154	CJKN1643	152	CTBA0860	118	CTKB1210	118	DCAC1209	282	DFAH1211	279	DLAH2016	397
BDDA1620	143	CACM1615	155	CFAC2418	154	CJLN0816	152	CTBA1032	118	CTKB1211	118	DCAC1212	282	DFAG1211	279	DLAH3017	397
BDDA1624	143	CACN1208	155	CFAC2418	154	CJLN1224	152	CTBA1060	118	CTKB1212	118	DCAC1212	282	DFAL2206B	278	DLAH6018	397
<b>BE...</b>		CACN1215	155	CFAC2418	154	CJLN1632	152	CTBA1132	118	CTKB1213	118	DCAC1212	282	DFBA2206	286	DLAH7012	397
BEAA0806	272	CACN1608	155	CFAC2418	154	CJMM1216	151	CTBA1160	118	CTKB1214	118	DCAD1205	282	DFBA2208	286	DLAK1012	397
BEAA0806G	271	CACN1615	155	CFAC2418	154	CJMM1616	151	CTBA1232	118	CTKB1215	118	DCAD1207	282	DFBB2206	286	DLAK2012	397
BEAA0807	272	CADC0840	156	CFAC2418	154	CJNM1616	151	CTBA1260	118	CTKB1216	118	DCAD1209	282	DFBB2208	286	DLAK3014	397
BEAA0807G	271	CADC1240	156	CFAC2418	154	CJOM1216	151	CTBA1332	118	CTKB1217	118	DCAD1212	282	DFBB2208	286	DLAK4016	397
BEAA0808	272	CADC1642	156	CFAC2418	154	CJPI0815	151	CTBA1360	118	CTKB1218	118	DCAD1212	282	DFBE2206	286	DLAK5016	397
BEAA0808G	271	CAEA0812	141	CFAC2418	154	CJPI1220	151	CTBA1432	118	CTKB1219	118	DCBA1305	281	DFBE228E	285	FAAD0410	247
BEAA0810	272	CAEA1208	141	<b>CH...</b>		CJPI1627	151	CTBA1460	118	CTKB1622	118	DCBA1307	281	DFCC2206	290	FAAD5E10	247
BEAA0810G	271	CAEA1216	141	CHAG0813	153	CJRM0815	152	CTCA2446	154	CTLA0840	118	DCBA1309	281	DFCJ2206	289	FAAD5E15	247
BEAA0813	272	CAEA1612	141	CHAG1218	153	CJRM1626	152	CTCA2451	154	CTLA1245	118	DCBB1305	281	DFCJ2206	289	FAAD6E10	247
BEAA0813G	271	CAEA1624	141	CHAG1626	153	CJSU0815	151	CTCJ1208	154	CTLA1650	118	DCBB1307	281	DFCL2205	290	FAAE0510	254
BEAB0808	272	CAEA2416	141	CHAG1636	153	CJSU1220	151	CTCJ1610	154	CTMA0810	118	DCBB1309	281	DFCN2206	290	FAAE5E13	254
BEAB0808G	271	CAEB0812	141	CHAM0813	153	CJSU1626	151	CTCJ2418	154	CTNA0830	117	DCBC1305	281	DFDC1208	279	FAAE6E10	254
BEAD0808	272	CAEB1208	141	CHAM1220	153	CJTV0818	151	CTCJ2420	154	CTNA0930	117	DCBC1307	281	DGCA2206	382	FAAE6E15	254
BEAD0808G	271	CAEB1612	141	CHAM1625	153	CJTV1224	151	CTCJ3222	154	CTNA1030	117	DCBD1305	281	DGCA2207	382	FAAB0403	248
BEBA0806	266	CAEC1216	156	CHAM1625	153	CJTV1629	151	CTCK0811	154	CTNA1130	117	DCBD1307	281	DGCA2208	382	FAAB5E03	248
BEBA0808	266	CAED1612	156	CHAU0813	153	<b>CL...</b>		CTCK1220	154	CTNA1230	117	DCBD1309	281	DGCB2206	382	FAAB8E03	248
BEBA0810	266	CAED1616	156	CHAU1625	153	CLAA0808	429	CTCK1625	154	CTNA1330	117	DDAA1210	279	DGCB2208	382	FAAB8E03	248
BEBA0812	266	CAEE0820	141	CHDI0809	153	CLAA1212	429	CTCK1630	154	CTNA1430	117	DGCD2206	382	DGCC2206	382	FAAB8E03	248
<b>BF...</b>		CAGA1208	141	CHDI1211	153	CLAA1616	429	CTCK3222	154	CTNA1730	117	DGCE2210	382	DGCB2208	382	FAAB8E03	248
BFAA0808	272	CAGA1216	141	CHDI1613	153	CLAA2424	429	CTDA0831	117	CTNA1930	117	DGCF2208	382	DGCB2208	382	FAAB8E03	248
BFAA0808G	271	CAGA1612	141	CHDU0801	150	CLAC1212	429	CTDA0931	117	CTVJ0813V4	379	DDAB1A08	113	DGCB2208	382	FAAB8E03	248
BFAA0812	272	CAGA3232	141	CHDV0801	150	CLAC1616	429	CTDA1031	117	CTVJ1220V4	379	DDAB1A10	113	DGCB2208	382	FAAB8E03	248
BFAA0812G	271	CAHA0840	140	CHES2408	153	CLAC2424	429	CTDA1131	117	CTVJ1620V4	379	DDAB1A12	113	DGCB2208	382	FAAB8E03	248
<b>BS...</b>		CAHA1254	140	CHES3208	153	CLAC3232	429	CTDA1231	117	<b>DA...</b>		DDAB1A14	113	DGCB2208	382	FAAB8E03	248
BSBA1214L	363	CAHA1678	140	CHEV0811	150	CLAD1212	429	CTDA1331	117	DAAQ1A05	293	DDAB1A18	113	DGCB2208	382	FAAB8E03	248
BSBA1214S	363	CAHA2440	140	CHFS2451	153	CLAD1616	429	CTDA1431	117	DAAQ1A07	293	DDAB1A24	113	DGCB2208	382	FAAB8E03	248
<b>CA...</b>		CAHD0834	140	CHIHW2451	153	CLAE1616	429	CTDA1731	117	DAAQ2B07	293	DDAB1A36	113	DGCB2208	382	FAAB8E03	248
CAAA0802	155	CAHD1246	140	CHJM0815	151	CLBA0808	430	CTDA1931	117	DAAQ2B10	293	DDAB1A48	113	DGCB2208	382	FAAB8E03	248
CAAA0803	155	CAHD1662	140	CHJM1220	151	CLBA1212	430	CTFB1435	155	DAAR1A07	293	DDAC1A14	113	DGCB2208	382	FAAB8E03	248
CAAA0804	155	CAHK0840	140	CHJM1625	151	CLBA1616	430	CTFB1635	155	DAAR1A10	293	DDAC1A18	113	DGCB2208	382	FAAB8E03	248
CAAA0806	155	CAHK1254	140	CHKX0810	150	CLBB0808	430	CTFB2135	155	DAAR2B07	293	DDAC1A24	113	DGCB2208	382	FAAB8E03	248
CAAA1203	155	CAHK1678	140	CHNC2420	154	CLBB1212	430	CTHB1645	117	DAAR2B10	293	DDAC1A36	113	DGCB2208	382	FAAB8E03	248
CAAA1206	155	CAIA0815	156	CHNC3232	154	CLBB1616	430	CTHB2145	117	DAAS1A06	292	DDAC1A48	113	DGCB2208	382	FAAB8E03	248
CAAA1210	155	CAIP0814	156	CHND3226	154	CLBC0808	430	CTIA2427	117	DAAS1A09	292	DDAD1A32	113	DGCB2208	382	FAAB8E03	248
CAAA1603	155	CAIP0816	156	CHOK1625	153	CLBC121200	430	CTIA2730	117	DAAT1A09	292	DDAD1A48	113	DGCB2208	382	FAAB8E03	248
CAAA1605	155	CANA0810	110	CHRI0815V4	379	CLBC121201	430	CTIA2732	117	DAAU1A08	292	DDAD1A64	113	DGCB2208	382	FAAB8E03	248
CAAA1610	155	CANA1213	110	CHRI1220V4	379	CLBC1616	430	CTIA3032	117	DAAU1A11	292	DDAG1207	280	DGCB2208	382	FAAB8E03	248
CAAF0802	156	CANA1619	110	CHRI1626V4	379	CLBC2424	430	CTIA3233	117	DAAV1A08	292	DDAG1210	280	DGCB2208	382	FAAB8E03	248
CAAF0803	156	CAQA1255	141	CHUG0812	153	CLBC3232	430	CTIA3238	117	DAAX1A12	426	DDAG1212	280	DGCB2208	382	FAAB8E03	248
CAAF0804	156	CAQA1660	141	CHUG1218	153	CLBD0808	430	CTIB3517	117	DAAX1A16	426	DDAH1A08	112	DGCB2208	382	FAAB8E03	248
CAAF0806	156	CASA0806	156	CHUG1626	153	CLBD1212	430	CTIB3821	117	DAAX1A22	426	DDAH1A10	112	DGCB2208	382	FAAB8E03	248
CAAF1203	156	CASA0818	156	CHWM2451	153	CLBD1616	430	CTIB4121	117	DAAX1A27	426	DDAH1A12	112	DGCB2208	382	FAAB8E03	248
CAAF1206	156	CASP0829	249	<b>CJ...</b>		CLBE0808	430	CTJA0523	118	DACA1A06	280	DDAH1A14	112	DGCB2208	382	FAAB8E03	248
CAAF1209	156	CAU0808	140	CJBG0815	151	CLBE1212	430	CTJA0623	118	DAAX1A10	293	DDAH1A16	112	DGCB2208	382	FAAB8E03	248
CAAF1602	156	CAUB0826	140	CJBG1220	151	CLBE1616											



Part No.		Part No.		Part No.		Part No.		Part No.		Part No.		Part No.		Part No.	
FAKA3E3E	250	FFAB1508	248	FSAA0808	259	FSDA1005G	262	FSEA1025	260	FSFB1206G	262	FSDA0803	273	FTDE0833	266
FAKA5E5E	250	FFAB2010	248	FSAA084E	259	FSDA1006	259	FSEA1025G	261	FSFB1208	260	FSDA0803G	274	FTDF0810	263
FALB1025	249	FFAB2510	248	FSAA084EG	261	FSDA1006G	262	FSEA1027	260	FSFB1208G	262	FSDA0804	273	FTEA0806	257
FALB1030	249	FFAB2710	248	FSAA085E	259	FSDA1007	259	FSEA1027G	261	FSFB1210	260	FSDA0804G	274	FTEC1421	258
FALB1040	249	FFAB3013	248	FSAA085EG	261	FSDA1007G	262	FSEA1030	260	FSFB1210G	262	FSDA0805	273	FTED1421	257
<b>FB...</b>		FFAB4015	248	FSAA086E	259	FSDA1008	259	FSEA1030G	261	FSFB1212	260	FSDA0805G	274	FTFC0820	245
FBAB0006	248	FFAB0505	253	FSAA086EG	261	FSDA1008G	262	FSEA1035	260	FSFB1212G	262	FSDA0806	273	FTGA0808	266
FBAB0108	248	FFIB0605	253	FSAA1006	259	FSDA1010	259	FSEA1040	260	FSFB129E	260	FSDA0806G	274	FTGB0807	266
FBAB0110	248	FFIB0705	253	FSAA1008	259	FSDA1010G	262	FSEA1040G	261	FSGA0810	259	FSDA0808	273	FTGC0808	266
FBAB0210	248	FFIB0805	253	FSAA1008G	261	FSDA1012	259	FSEA1045	260	FSGA0810G	261	FSDA0808G	274	<b>FW...</b>	
FBAB0215	248	FFIB0905	253	FSAA1010	259	FSDA1012G	262	FSEA1045G	261	FSGA0815	259	FSDA0808G	274	FWAA0802G	270
FBAB0220	248	FFIB1005	253	FSAA1012	259	FSDA1014	259	FSEA1050	260	FSGA0815G	261	FSDA0803G	274	FWAM0505	250
FBAB0315	248	FFIB1505	253	FSAA1012G	262	FSDA1014G	262	FSEA1050G	261	FSGA0820	259	FSDA0804	273	<b>GA...</b>	
FBAD0110	247	FFIB2005	253	FSAA1012G	262	FSDA1014G	262	FSEA1055	260	FSGA0820G	261	FSDA0804G	274	GAAA0704	115
FBAD0210	247	<b>FG...</b>		FSAA1012G	262	FSDA1014G	262	FSEA1055G	261	FSGA0825	259	FSDA0806	273	GAAA0804	98
FBAD0215	247	FGAB0413	249	FSAA1012G	262	FSDA1014G	262	FSEA1060	260	FSGA0825G	261	FSDA0806G	274	GAAA0810	102
FBAE0110	254	FGAB0513	249	FSAA1012G	262	FSDA1014G	262	FSEA1060G	261	FSGA0827	259	FSDA0808	273	GAAA0812	104
FBAE0210	254	FGAB0613	249	FSAA1012G	262	FSDA1014G	262	FSEA1070	260	FSGA0827G	261	FSDA0808G	274	GAAA1002	107
FBAE0213	254	FGAB0713	249	FSAA1012G	262	FSDA1014G	262	FSEA1070G	261	FSGA0830	259	FSDA083E	273	GAAA1202	103
FBBB0103	248	FGAB0813	249	FSAA1012G	262	FSDA1014G	262	FSEA1220	260	FSGA0830G	261	FSDA083EG	274	GAAA1204	102
FBBB0203	248	FGAB0913	249	FSAA1012G	262	FSDA1014G	262	FSEA1220G	262	FSGA0840	259	FSDA084E	273	GAAA1206	104
FBCB0125	249	FGAB1013	249	FSAA1012G	262	FSDA1014G	262	FSEA1225	260	FSGA0840G	261	FSDA084EG	274	GAAA1213	98
FBCB0140	249	FGAB1113	249	FSAA1012G	262	FSDA1014G	262	FSEA1225G	262	FSGA1027	260	FSDA085E	273	GAAA1402	93
FBCB0225	249	FGAB1213	249	FSAA1012G	262	FSDA1014G	262	FSEA1227	260	FSGA1030	260	FSDA085EG	274	GAAA1404	98
FBCB0230	249	FGAB1313	249	FSAA1012G	262	FSDA1014G	262	FSEA1227G	262	FSGA1035	260	FSDA086E	273	GAAA1408	98
FBCB0240	249	<b>FJ...</b>		FSAA1012G	262	FSDA1014G	262	FSEA1230	260	FSGA1040	260	FSDA086EG	274	GAAA1604	98
FBEB0008	383	FJAB0110	248	FSAA1012G	262	FSDA1014G	262	FSEA1230G	262	FSGA1040G	262	FSDA086EG	274	GAAA2604	98
FBEB0110	383	FJAB0213	248	FSAA1012G	262	FSDA1014G	262	FSEA1240	260	FSGA1045	260	FSDA086EG	274	GAAAC0602	101
FBEB0210	383	FJAB0315	248	FSAA1012G	262	FSDA1014G	262	FSEA1240G	262	FSGA1045G	262	FSDA086EG	274	GAAAC0802	104
FBEB0315	383	<b>FK...</b>		FSAA1012G	262	FSDA1014G	262	FSEA1245	260	FSGA1050	260	FSDA086EG	274	GAAAC0901	87
FBGB0108	249	FKAA0105	258	FSAA1012G	262	FSDA1014G	262	FSEA1245G	262	FSGA1050G	262	FSDA086EG	274	GAAAC1103	97
FBGB0210	249	FKAA0206	258	FSAA1012G	262	FSDA1014G	262	FSEA1247	260	FSGA1055	260	FSDA086EG	274	GAAAC1201	87
FBGB0215	249	FKAB0206	258	FSAA1012G	262	FSDA1014G	262	FSEA1250	260	FSGA1055G	262	FSDA086EG	274	GAAAC1401	87
FBGB0315	249	FKAB0308	258	FSAA1012G	262	FSDA1014G	262	FSEA1250G	262	FSGA1060	260	FSDA086EG	274	GAAD0101	404
FBGE0110	254	FKBA0102	258	FSAA1012G	262	FSDA1014G	262	FSEA1250G	262	FSGA1060G	262	FSDA086EG	274	GAAD0102	406
FBGE0210	254	FKCA1520	258	FSAA1012G	262	FSDA1014G	262	FSEA1255	260	FSGA1070	260	FSDA086EG	274	GAAD0103	405
FBGE0213	254	FKCA2530	258	FSAA1012G	262	FSDA1014G	262	FSEA1255G	262	FSGA1070G	262	FSDA086EG	274	GAAD0501	243
FBHB0108	249	FKDA0405	258	FSAA1012G	262	FSDA1014G	262	FSEA1260	260	FSHA0801	259	FSDA086EG	274	GAAD0602	426
FBHB0210	249	FKDA2E03	258	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSHA0802	259	FSDA086EG	274	GAAD0703	115
FBHB0315	249	<b>FM...</b>		FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSIA0801	273	FSDA086EG	274	GAAD0804	103
FBIB1005	253	FMAA0102	255	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSIA0801G	274	FSDA086EG	274	GAAD0807	102
FBIB2005	253	FMAA0102	255	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSIA0802	273	FSDA086EG	274	GAAD0808	426
FBIB3005	253	FMCA0408	255	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSIA0802G	274	FSDA086EG	274	GAAD0810	109
FBKA0102	250	FMCA0507	255	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSIA0803	273	FSDA086EG	274	GAAD0903	158
FBKA0304	250	FMDA1015	255	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSIA0803G	274	FSDA086EG	274	GAAD0905	158
<b>FC...</b>		FMDA2025	255	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSIB0801	273	FSDA086EG	274	GAAD0906	158
FCAB0006	248	FMDA3040	255	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSIB0801G	274	FSDA086EG	274	GAAD1007	158
FCAB0108	248	FMEA0404	255	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSIB0802	273	FSDA086EG	274	GAAD1009	104
FCAB0210	248	FMEA0505	255	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSIB0802G	274	FSDA086EG	274	GAAD1010	116
FCAB0315	248	FMEA0606	255	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSIB0803	273	FSDA086EG	274	GAAD1102	265
FCBB0103	248	FMFA0206	255	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSIB0803G	274	FSDA086EG	274	GAAD1202	162
FCBB0203	248	<b>FN...</b>		FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSIC0802	273	FSDA086EG	274	GAAD1205	108
FCEB0008	383	FNAB0308	248	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSIC0802G	274	FSDA086EG	274	GAAD1506	265
FCEB0110	383	FNAB0415	248	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSID0801	273	FSDA086EG	274	GAAD1508	265
FCEB0210	383	FNAB2E08	248	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSID0801G	274	FSDA086EG	274	GAAD1509	243
FCEB0315	383	FNAB3E10	248	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSID0802	273	FSDA086EG	274	GAAD1510	116
<b>FE...</b>		FNAB3E15	248	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSID0802G	274	FSDA086EG	274	GAAD1602	97
FEAB0808	248	<b>FP...</b>		FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSID0803	273	FSDA086EG	274	GAAD1603	87
FEAB0908	248	FPKA0808	272	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSID0803G	274	FSDA086EG	274	GAAD1604	95
FEAB1008	248	FPKA0808G	271	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSKA0808	272	FSDA086EG	274	GAAD2202	163
FEAB1508	248	FPKA0812	272	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSLA0802	272	FSDA086EG	274	GAAD2402	162
FEAB2010	248	FPKA0812G	271	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSLA0802G	275	FSDA086EG	274	GAAD2404	162
FEAB2510	248	FPKA0816	272	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSLB0802	272	FSDA086EG	274	GAAD4002	265
FEAB2710	248	FPKA0816G	271	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSLB0802G	275	FSDA086EG	274	GAAE0201	299
FEAB3013	248	<b>FQ...</b>		FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSLC0802	272	FSDA086EG	274	GAAE0202	299
FEAB4015	248	FOBB0802	270	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSLC0802G	275	FSDA086EG	274	GAAE0301	382
<b>FF...</b>		FQHB0802	270	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSMA0802	273	FSDA086EG	274	GAAE0302	287
FFAB0608	248	<b>FS...</b>		FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSMA0802G	275	FSDA086EG	274	GAAE0303	287
FFAB0708	248	FSA0803	259	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSMB0802	273	FSDA086EG	274	GAAE0304	287
FFAB0808	248	FSA0803G	261	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSMC0802	275	FSDA086EG	274	GAAE0305	252
FFAB0908	248	FSA0804	259	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSMC0802G	275	FSDA086EG	274	GAAE0306	252
FFAB1008	248	FSA0804G	261	FSAA1012G	262	FSDA1014G	262	FSEA1260G	262	FSMC0802G	275	FSDA086EG	274	GAAE0307	287



Part No.		Part No.		Part No.		Part No.		Part No.	
GAAT0809	82	GADW2701	171	GCAD1820	165	GCAI0202	128	GCAJ0034	46
GAAT0810	82	GADW2702	171	GCAD1821	165	GCAI094R	178	GCAJ0035	46
GAAT0811	82	GADW3401	269	GCAD1822	167	GCAI094R1	178	GCAJ0036	46
GAAT0812	82	GADW4101	171	GCAD2001	162	GCAI106B	180	GCAJ0037	49
GAAT0813	58	GADW4501	172	GCAD2002	162	GCAI108R	178	GCAJ0055	51
GAAT0814	82	GADW4502	172	GCAD2003	162	GCAI108R1	178	GCAJ227E	47
GAAT0817	55	<b>GB...</b>		GCAD2004	162	GCAI130B	180	GCAJ227H	47
GAAT1002	59	GBA1541	108	GCAD2005	162	GCAI130T0	184	GCAJ275E	46
GAAT1003	54	GBA5440	170	GCAD2006	162	GCAI130T1	184	GCAJ275H	46
GAAT1004	54	GBAA1802	93	GCAD2007	162	GCAI150R	182	GCAJ305B	45
GAAT1202	55	GBAA1804	99	GCAD2101	165	GCAI150R1	182	GCAJ305N	45
GAAT1205	55	GBAC1201	87	GCAD2102	165	GCAI151R	181	GCAJ315B	44
GAAT1301	53	GBAD0301	415	GCAD2401	164	GCAI1701	185	GCAT0701	57
GAAT1302	53	GBAD0803	107	GCAD2403	164	GCAI1702	185	GCAT0801	62
GAAT1303	53	GBAE0201	153	GCAD2404	164	GCAI1901	185	GCAT0803	59
GAAT1304	54	GBAE0202	155	GCAD2405	166	GCAI1902	185	GCAT1101	62
GAAT1501	59	GBAG0701	139	GCAD2406	164	GCAI2102	185	GCAT1502	57
GAAT1602	60	GBAG0702	145	GCAD2407	164	GCAI2103	185	GCAT1504	57
GAAT1603	80	GBAG0801	145	GCAD2408	164	GCAI2104	185	GCAT1801	61
GAAT1604	60	GBAL0901	240	GCAD2501	161	GCAI2105	185	GCAT1803	61
GAAT1605	60	GBAQ1101	138	GCAD2502	161	GCAI216R	183	GCAT1807	55
GAAT1802	54	GBAQ1102	137	GCAD2504	161	GCAI2201	175	GCAT1808	57
GAAT2202	61	GBAQ1301	137	GCAD2509	163	GCAI2202	175	GCAT1810	57
GAAT2302	55	GBAR0401	416	GCAD2510	163	GCAI2401	177	GCAT2001	56
GAAT2402	55	GBAR0801	115	GCAD2511	164	GCAI2403	173	GCAT2002	56
GAAT2403	55	GBAR1001	138	GCAD2512	164	GCAI2404	177	GCAT2402	61
GAAT6502	55	GBAT0201	57	GCAD2513	163	GCAI2406	177	GCAT2404	61
GAAV0501	297	GBAT0301	57	GCAD2514	163	GCAI2407	177	GCAT2406	61
GAAV0601	297	GBAT0303	57	GCAD2601	164	GCAI2408	177	GCAT2407	61
GAAV0701	284	GBAT0304	57	GCAD2602	164	GCAI2410	177	GCAT2502	56
GAAV0702	284	GBAT0305	58	GCAD2603	164	GCAI2411	177	GCAT2504	56
GAAV0703	284	GBAT0401	57	GCAD2604	164	GCAI2412	177	GCAT2505	61
GAAV0704	284	GBAT0402	57	GCAD2608	166	GCAI2413	177	GCAT2506	61
GAAV1001	284	GBAT0403	57	GCAD2609	161	GCAI2501	173	GCAT2507	61
GAAV1101	284	GBAT0501	58	GCAD2610	161	GCAI2601	175	GCAT2508	61
GAAV1102	284	GBAT0803	55	GCAD2701	157	GCAI2602	175	GCAT2509	61
GAAV1103	284	GBAT1301	53	GCAD2702	157	GCAI2701	193	GCAT2510	61
GAAV1104	284	GBAT1302	53	GCAD2802	159	GCAI2801	156	GCAT2604	60
GAAW0801	253	GBAT1304	53	GCAD2901	167	GCAI2802	156	GCAT2605	56
GAAW0802	253	GBB2515	170	GCAD2902	167	GCAI3201	175	GCAT2606	56
GAAW0803	253	GBB3514	170	GCAD3101	167	GCAI3202	175	GCAT3402	60
GAAW0804	253	GBBA1001	106	GCAD3102	167	GCAI3501	176	GCAT3403	60
GAAW1001	270	<b>GC...</b>		GCAD3202	168	GCAI3901	175	GCAT4001	56
GAAW1002	270	GCAD1402	166	GCAD3203	168	GCAI3902	175	GCAT4301	61
GAAW1003	270	GCAD1403	166	GCAD3204	168	GCAI4102	173	GCAT5001	56
GAAW1004	270	GCAD1404	166	GCAD3205	168	GCAI4201	176	GCAT5002	56
GAAX3101	263	GCAD1405	166	GCAD3303	163	GCAI4501	174	GCAT5003	56
GAAX0801	245	GCAD1406	166	GCAD3401	169	GCAI4502	174	GCAT5004	56
GAAX0802	245	GCAD1407	165	GCAD3402	169	GCAI4503	174	GCAT6601	56
GAAX0901	245	GCAD1501	168	GCAD3403	169	GCAI4601	173	GCAT7202	60
GAAY0005	84	GCAD1502	168	GCAD3801	167	GCAI4901	174	GCAZ0003	78
GAAY0006	84	GCAD1508	165	GCAD3802	167	GCAI4902	174	GCAZ0005	51
GAAY0007	84	GCAD1510	165	GCAD3803	163	GCAI4904	174	GCAZ0005	52
GAAY0008	84	GCAD1601	165	GCAD3902	168	GCAI4905	174	GCAZ0007	49
GAAY0009	84	GCAD1602	165	GCAD4002	159	GCAI5102	173	GCAZ0011	51
GAAY0010	85	GCAD1603	165	GCAD4004	168	GCAI6001	175	GCAZ0013	49
GAAY0011	83	GCAD1604	165	GCAD4102	170	GCAI6002	175	GCAZ0016	71
GABB2001	134	GCAD1607	159	GCAD4103	170	GCAI8002	179	GCAZ0018	51
GABW1301	172	GCAD1701	158	GCAD4303	169	GCAI8201	178	GCAZ0020	49
GABW2301	172	GCAD1702	158	GCAD4601	170	GCAI8202	178	GCAZ0024	72
GABW3001	172	GCAD1703	158	GCAD4802	170	GCAI9601	180	GCAZ0025	82
GABW3101	269	GCAD1801	169	GCAD5001	160	GCAI9602	180	GCAZ0032	51
GABW3102	269	GCAD1802	169	GCAD5002	160	GCAI9701	179	GCAZ0033	49
GABW3103	269	GCAD1805	168	GCAD5003	160	GCAJ0001	48	GCAZ0038	70
GABW3301	172	GCAD1806	168	GCAD5004	160	GCAJ0006	51	GCAZ0039	78
GABW3302	172	GCAD1807	194	GCAD5005	159	GCAJ0008	49	GCAZ0047	71
GABX2603	85	GCAD1810	169	GCAD5006	159	GCAJ0012	47	GCAZ0048	77
GACW3501S	267	GCAD1811	167	GCAD5007	160	GCAJ0014	49	GCAZ0049	77
GACW3502S	268	GCAD1813	167	GCAD5008	160	GCAJ0018	48	GCAZ0057	74
GACW3503S	268	GCAD1815	168	GCAD5601	161	GCAJ0020	47	GCAZ094A	75
GACW3504S	268	GCAD1817	167	GCAD7202	163	GCAJ0022	49	GCAZ111A	76
GACW3505S	268	GCAD1818	167	GCAI0201	128	GCAJ0033	46	GCAZ114A	89

Part No.		Part No.		Part No.		Part No.		Part No.	
GCBX4201	85	GEA0703	10	GM-0709	79	GPBW1601	90	GTA0622	38
GCBZ120A	63	GEA0712	11	GM-0710	79	GPBX1601	88	GTA0710	37
GCBZ186A	65	GEA0713	11	GM-0727	79	GPCI1001	102	GTA0724	39
GCZ-104A	83	GEA0811	10	GM-0811	79	GPCJ1001	104	GTA0801	36
<b>GD...</b>		GEA0909	11	GM-1312	80	GPCW0801	96	GTA0802	36
GDAD0801	195	GEA1001	10	GM-1313	80	GPCW1401	96	GTA0818	38
GDAD0802	195	GEA1102	10	GM-1314	80	GPN-019A	82	GTA0819	38
GDAD0803	195	GEA3005	10	GM-1315	80	GPN-043A	82	GTA0820	38
GDAD0804	195	GEA5004	10	GM-1328	80	GPN-043C	82	GTA0823	38
GDAD0805	195	GEAD1001	194	GM-2016	79	<b>GR...</b>		GTA0905	37
GDAD0806	195	GEAD1002	194	GM-2017	79	GRAI1001	102	GTA1012	37
GDAD0807	195	GEAD1401	195	GM-2018	80	GRAJ0801	105	GTA1025	39
GDAD0808	194	GEB0705	12	GM-2019	81	GRAJ1501	105	GTA1026	39
GDAD0901	195	GEB0904	12	GM-2020	81	GRAW0801	96	GTA1031	39
GDAD1001	194	GEB0906	12	GM-2022	81	GRAW1001	96	GTA1213	37
GDAD1002	194	GEB1203	12	GM-2023	81	GRAW1401	96	GTA1541	37
GDAD1201	194	GEB2501	11	GM-2029	80	GRAW1601	96	GTA1607	36
GDAD1501	195	GEB2902	11	GM-2221	81	<b>GS...</b>		GTA1638	36
GDAD3201	194	GEC3901	12	GM-2224	81	GSAB1001	98	GTA1642	36
GDAD0702	374	GEC6102	12	GM-3432	81	GSAB1201	98	GTA1804	37
GDAE0801	374	GED1209	19	GM-3433	81	GSAB1401	98	GTA1836	37
GDAG0701	189	GED1322	19	GM-5930	81	GSAQ0601	108	GTA2234	38
GDAG0702	190	GED1323	19	GM-5934	81	GSAQ0901	108	GTA2414	37
GDAG0703	190	GED1353	19	<b>GN...</b>		GSAQ1001	108	GTA5440	37
GDAG0801	187	GED1354	19	GNBA0501	416	GSAQ1201	108	GTB0609	41
GDAG1001	189	GED1436	18	GNBA0601	416	GSAX0601	88	GTB0808	41
GDAG1002	189	GED1637	20	<b>GP...</b>		GSAX1001	88	GTB0810	41
GDAG1201	187	GED1650	20	GPAA0802	94	GSAX1201	88	GTB0811	41
GDAG1303	341	GED1912	18	GPAA1402	94	GSAX1401	88	GTB0812	41
GDAG1304	192	GED1916	19	GPAA1404	94	GSCQ0601	109	GTB0817	41
GDAI0304	192	GED2007	18	GPAA2602	94	GSCQ0901	109	GTB1107	41
GDAI0503	192	GED2105	20	GPAB0802	99	GSCQ1001	109	GTB1601	40
GDAI0601	341	GED2106	20	GPAB1204	99	GSCQ1201	109	GTB1616	40
GDAI0701	193	GED2224	18	GPAB1402	99	GSCW1201	96	GTB1621	40
GDAI0702	193	GED2332	20	GPAB1404	99	GSCW1401	96	GTB2305	40
GDAI0703	193	GED2813	13	GPAB1406	99	GSN-09EB	242	GTB2504	40
GDAI0704	193	GED2814	13	GPAB1602	99	GSN-09EH	242	GTB3222	40
GDAI0802	193	GED2818	13	GPAB2602	99	GSN-09ET	242	GTB3318	40
GDAI0804	193	GED2819	13	GPAB2602	99	GSN-09LB	242	GTB3503	41
GDAI1001E	209	GED2820	13	GPAH0802	103	GSN-09LH	242	GTB3819	40
GDAI2001E	209	GED3025	13	GPAH1202	103	GSN-09LS	242	GTB4006	40
GDAI2701	209	GED3102	17	GPAI0802	102	GSN-09SH	242	GTB7202	41
GDAI2702	209	GED3108	15	GPAI1202	102	GSN-09SS	242	GTC0802	42
GDAI2703	209	GED3127	14	GPAJ0802	104	<b>GT...</b>		GTC0903	42
GDAI2704	209	GED3421	14	GPAJ1202	104	GT-16307	35	GTC0904	42
GDAS0301	192	GED3426	17	GPAN1201	100	GT-16308	35	GTC0906	42
<b>GE...</b>		GED3515	15	GPAP0602	106	GT-28303	32	GTC1401	42
GE-20803	9	GED3649	14	GPAQ0401	282	GT-28304	32	GTC2005	42
GE-20804	9	GED3651	14	GPAQ0402	282	GT-28305	32	<b>GV...</b>	
GE-20805	9	GED3652	14	GPAQ0502	105	GT-28306	32	GV-27909	22
GE-20806	9	GED3701	13	GPAQ0503	416	GT-32010	31	GV-33813	23
GE-21322	2	GED3710	13	GPAQ0504	299	GT-34001	33	GVA0301	2



Part No.		Part No.		Part No.		Part No.		Part No.	
GVC2604	27	HBAC0412	298	JABA0510	362	JDAH9210	356	JEAB0440	335
GVC2605	27	HBAC0513	298	JABA0812	362	JDAH9315	356	JEAB0505	335
GVC3903	28	HBAC0614	298	JABA1116	362	JDAH9336	356	JEAB0618	336
GVC6101	28	HBAC0816	298	<b>JB...</b>		JDAH9345	356	JEAB0623	336
GVD2010	28	HBAF0130	298	JBAA2448	404	JDAH9618	356	JEAB0629	336
GVD2801	28	HBBA0214	299	JBAB3264	403	JDAHA015	356	JEAB0640	336
GVD2803	28	HBBA0315	299	JBAC2448	405	JDAHA615	356	JEAB0646	336
GVD4602	28	HBBA0418	299	JBAD2448	404	JDAHA815	356	JEAB0723	336
<b>GW...</b>		HBBA0520	299	JBAE2450	403	JDAHA818	356	JEAB0728	336
GW-08807	22	HBBA0621	299	JBAE3064	403	JDAI65A2	355	JEAB0833	336
<b>GZ...</b>		HBBA0822	299	JBAF2450	405	JDAK0132	344	JEAC0127	342
GZA-0304	68	HBBB0219	299	JBAG2450	405	JDAL0133	333	JEAC0137	342
GZA-0305	68	HBBB0319	299	JBAH3064	404	JDAL0452	333	JEAD0305	343
GZA-0406	68	HBBB0419	299	JBBA0306	406	JDAM0163	350	JFCC0251	366
GZA-0803	68	HBBB0519	299	JBBB0512	406	JDAM028E	350	JFCD0124	366
GZA-1202	67	HBBB0619	299	<b>JC...</b>		JDAM039C	350	JFDA0105	369
GZA1245	380	HBBB0819	299	JCA-350B	376	JDAM0436	350	JFDB0103	369
GZA1246	380	HBBB0419	299	JCAB2208	333	JDAM0460	350	JFDB0203	369
GZA1447	380	HBBC0619	299	JCAB2312	333	JDAN0143	351	JFDB0303	369
GZA-5001	67	HBBF0155	296	JCAB2415	333	JDAN0222	351	JFDC0105	369
GZC0802	118	<b>HC...</b>		JCAB2821	333	JDAP0109	350	JFDC0205	369
GZC0903	244	HCAA1813	299	JCBA0608	415	JDAP0209	350	JFDD0105	369
GZC0904	244	HCAA2115	299	JCBA1118	415	JDAQ0122	364	JFDE0105	369
GZC0906	244	HCAA2620	299	JCBA1124	415	JDAQ1622	364	JFDE0205	369
GZC-104A	83	HCAA2925	299	JCBA9E12	415	JDAQ1627	364	JFDF0203	369
GZC1401	252	HCAA3430	299	JCCA2036	416	JDAR0122	364	JFEA0106	369
GZC1609	380	HCAB1014	298	JCCB2025	416	JDAR1222	364	JFFA0116	372
GZC1610	380	HCAB1215	298	JCCD2025	416	JDAT0109	352	JFFB0142	372
GZC-1803	68	HCAB1516	298	JCCD2031	416	JDAU6073	355	<b>JG...</b>	
GZC2005	252	HCAB1918	298	JCCD2036	416	JDAU7385	355	JGAA0401	426
GZC2008	331	HCAB2220	298	JCDE0908	415	JDAU8595	355	JGAA2001	375
GZC-3104	68	HCAB2522	298	JCDE1212	415	JDAU95B0	355	JGAD0801	343
GZC-5702	68	HCBB1015	299	JCDE1515	415	JDAV1615	354	JGAD1201	343
<b>HA...</b>		HCBB1518	299	JCDE1825	415	JDAV1630	354	JGAD130A	424
HAAA0330	295	HCBB1920	299	JCDF2425	415	JDAW1601	352	JGAE0201	414
HAAA0532	295	HCB2522	299	JCEG2229	333	JDAW1602	352	JGAE0202	413
HAAA0835	295	HCBC0517	299	JCEH2237	333	JDAX0102	362	JGAE0203	414
HAAA1036	295	HCBC0718	299	JCM-03	376	JDAZ65B0	355	JGAE0204	413
HAAA1538	295	<b>HL...</b>		JCM-0401	376	JDBA60A5R	354	JGAI0101	353
HAAA2040	295	HAAA3501	295	JCS-0102	377	JDBA60G0R	354	JGAI0301	363
HAAB1038	296	HAAA3502	295	<b>JD...</b>		JDBB1617	353	JGAI0302	348
HAAB1546	296	HLAB0130	295	JDAA0808	355	JDBC1616	353	JGAI0401	416
HAAB2050	296	HLAB0132	295	JDAA1010	355	JDBD3317	361	JGAI0402	347
HAAC0830	296	HLAB0135	295	JDAA1212	355	JDBE0322	352	JGAI0501	358
HAAC1635	296	HLAB0136	295	JDAB3205	365	JDBE0718	352	JGAI0601	340
HAAC2440	296	HLAB0138	295	JDAB5005	365	JDBP1703	360	JGAI0701	364
HAAC3240	296	HLAB0140	295	JDAB7605	365	JDBR2065	359	JGAI0702	351
HAAC4042	296	<b>IA...</b>		JDAC2012	365	JDBU0210	363	JGAI0703	348
HAAD1633	296	IAAC1903	428	JDAC2025	365	JDBV3984	362	JGAI0704	353
HAAE2527	296	IAAC1903M	428	JDAD3212	365	JDBW1316	360	JGAI0801	342
HAAF3530	295	IAAC1905	428	JDAD3218	365	JDBX0115	360	JGAI0802	341
HAAG2028	296	IAAC1905M	428	JDAD3225	365	JDBX0241	360	JGAI0803	357
HABA0532	295	IAAC2508	428	JDAD5018	365	JDBY0109	350	JGAI1001	374
HABD2034	296	IAAC2508M	428	JDAE3218	365	JDCA0108	355	JGAI1002	374
HABE2226	295	IAAC3010	428	JDAF1437	360	JDCA0112	355	JGAI1003	363
HABF1232	296	IABA0150	427	JDAG1437	360	JDCA0114	355	JGAI1004	358
HABF1633	296	IABA0300	427	JDAH6414	356	JDCB0117	351	JGAI1101	360
HABF2439	296	IABA0500	427	JDAH6514	356	JDCD3310	361	JGAI1201	340
HABF3239	296	IABA1000	427	JDAH6606	356	JDCD3350	361	JGAI1202	370
<b>HB...</b>		IACA0150	427	JDAH6814	356	JDCE0108	377	JGAI1203	359
HBAA0212	298	<b>IC...</b>		JDAH7314	356	JDCE0112	377	JGAI1204	348
HBAA0313	298	ICAA0020	427	JDAH7415	356	JDCE0118	377	JGAI1301	361
HBAA0415	298	ICBA1026	427	JDAH7608	356	JDCV0205	362	JGAI1302	347
HBAA0516	298	<b>IE...</b>		JDAH7612	356	JDDA1612	354	JGAI1303	337
HBAA0618	298	IEA040400	128	JDAH7614	356	JDDH6500	356	JGAI1304	375
HBAA0820	298	IEB007068	129	JDAH7615	356	JDDH6501	356	JGAI1401	356
HBAB0211	298	IEB035350	129	JDAH7630	356	JDDP1765	357	JGAI1402	353
HBAB0312	298	IEB100A00	129	JDAH7715	356	<b>JE...</b>		JGAI1403	353
HBAB0414	298	<b>JA...</b>		JDAH8015	356	JEAA1010	333	JGAI1501	336
HBAB0515	298	JAAA1303	362	JDAH8616	356	JEAB0116	335	JGAI1601	356
HBAB0616	298	JAAA1804	362	JDAH8618	356	JEAB0216	335	JGAI1801	340
HBAC0310	298	JAAA1806	362	JDAH9015	356	JEAB0330	335	JGAI1802	349

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JFBE0315	367	JGAI1803	357	JJAL0212	407	KAAA321808	205	KABA1622	187
JFBF0111	367	JGAI1804	339	JJAL0303	407	KAAA321809	205	KABA1623	187
JFBG0112	367	JGAI2201	361	JJAL0304	407	KAAB1640	205	KABA1624	187
JFBG0212	367	JGAI2202	408	JJAL0306	407	KAAB1660	205	KABA1625	187
JFBG0312	367	JGAI2301	375	JJAL0308	407	KAAB2460	205	KABA1626	187
JFBG0412	367	JGAI2401	343	JJAL0312	407	KAAB2475	206	KABA1627	187
JFBH0107	367	JGAI2701	344	JJAL1208	408	KAAB321808	206	KABA1628	187
JFBI0113	367	JGAI2801	349	JJAL1212	408	KAAB321809	206	KABA1629	187
JFBJ0108	367	JGAI3601	338	JJAL1216	408	KAAB3225	207	KABA1630	187
JFCA0127	366	JGAI4001	425	JJAL1220	408	KAAB3226	208	KABA1632	187
JFCB0125	366	JGAI5601	363	JJAM0144	422	KAAC1610	217	KABA1633	187
JFCB0229	366	JGAI8101	347	JJAM0242	422	KAAC1645	216	KABA1634	187
JFCC0140	366	JGAR0201	352	JJAM0397	421	KAAC2416	218	KABA1636	187
JFCC0251	366	JGAR0202	340	JJAM0495	421	KAAC3218	218	KABA1638	187
JFCD0124	366	JGAR0203	351	JJAM0596	421	KAAD3220	218	KABA1641	187
JFDA0105	369	JGAR0301	350	JJAN0109	371	KAEE0802	196	KABA2417	187
JFDB0103	369	JGAR0302	359	JJAP1219	371	KAEE1202	196	KABA2419	187
JFDB0203	369	JGAR0303	331	JJAT0106	376	KAFF1204	197	KABA2421	187
JFDB0303	369	JGAR0304	339	JJAT0105	400	KAFF1205	196	KABA2422	187
JFDC0105	369	JGAR0401	351	JJAT0405S	399	KAFF1605	196	KABA2423	187
JFDC0205	369	JGAR0402	340	JJAT0515	400	KAFF1608	197	KABA2424	187
JFDD0105	369	JGAR0403	372	JJAT0605	399	KAFF1610	197	KABA2426	187
JFDE0105	369	JGAS0501	372	JJAU0418	401	KAAG1206	196	KABA2427	187
JFDE0205	369	JGAS0601	372	JJAV0112	426	KAAG1206	196	KABA2428	187
JFDF0203	369	JGAT0301	366	JJAV0212	426	KAAG1240	214	KABA2429	187
JFEA0106	369	JGAT0302	366	JJAV0312	426	KAAG1240	214	KABA2430	187
JFFA0116	372	JGAT0401	366	JJAV0411	426	KAAG1240	214	KABA2431	187
JFFB0142	372	JGAT0402	415	JJAX0817	425	KAAG1240	214	KABA2432	187
<b>JG...</b>		JGAW0301	425	JJAX0821	425	KAAG1240	214	KABA2433	187
JGAA0401	426	JGAW0501	425	JJAY0902	411	KAAG1240	214	KABA2434	187
JGAA2001	375	JGAW0502	425	JJAY0903	411	KAAG1240	214	KABA2435	187
JGAD0801	343	JGEW0901	423	JJAY0904	411	KAAL1610	198	KABA2436	187
JGAD1201	343	JGEW1401	423	JJAY0904	411	KAAL1612	198	KABA2438	187
JGAD130A	424	JGEW1901	423	JJAY0904	411	KAAM1606	215	KABA2441	187
JGAE0201	414	JGEW2401	423	JJAY0904	411	KAAP1205	196	KABA2446	187
JGAE0202	413	JGEW2402	423	JJBD1112	372	KAAP1205	196	KABA2446	187
JGAE0203	414	JGEW2403	423	JJBD2212	372	KAAP1205	196	KABA2446	187
JGAE0204	413	JGEW394A	375	JJBZ0115	373	KAAP1205	196	KABA2446	187
JGAI0101	353	<b>JH...</b>		JJCA1401	413	KAAP1205	196	KABA2446	187
JGAI0301	363	JHAA0203	376	JJCG0350	422	KAAP1205	196	KABA2446	187
JGAI0302	348	<b>JJ...</b>		JJCG0360	422	KAAP1205	196	KABA2446	187
JGAI0401	416	JJAA0108	375	JJDB0101	346	KAAP1205	196	KABA2446	187
JGAI0402	347	<b>JJ...</b>		JJDD0124	389	KAAP1205	196	KABA2446	187
JGAI0501	358	JJAA1402	413	JJDD0224	389	KAAP1205	196	KABA2446	187
JGAI0601	340	JJAA1440	414	JJ-M480B	377	KAAP1205	196	KABA2446	187
JGAI0701	364	JJAC1212	414	JJ-M485	377	KAAP1205	196	KABA2446	187
JGAI0702	351	JJAD0512	422	JJ-M960	377	KAAP1205	196	KABA2446	187
JGAI0703	348	JJAD0518	422	<b>JL...</b>		KAAP1205	196	KABA2446	187
JGAI0704	353	JJAD1223	422	JLAB0435	401	KAAP1205	196	KABA2446	187
JGAI0801	342	JJAD1423	422	JLAB0445	401	KAAP1205	196	KABA2446	187
JGAI0802	341								



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KABA4865	187	KABE2441	188	KACA3224	191	KADH1604	190	KBBA1634	187
KABA4870	187	KABE2446	188	KACA4832	191	KADH1605	190	KBBA1636	187
KABA4875	187	KABE3222	188	KACB1603	191	KADH1606	190	KBBA1638	187
KABA4880	187	KABE3224	188	KACB1605	191	KADH1607	190	KBBA1640	187
KABA4885	187	KABE3227	188	KACB1610	191	KADH1608	190	KBBC1626	192
KABA4890	187	KABE3229	188	KACB2407	191	KADH1609	190	KBBE1610	188
KABA4895	187	KABE3230	188	KACB2413	191	KADH1610	190	KBBE1612	188
KABA48A0	187	KABE3232	188	KACB3207	191	KADH1612	190	KBBE1614	188
KABA48A5	187	KABE3233	188	KACB3213	191	KADH1614	190	KBBE1616	188
KABA48B0	187	KABE3234	188	KACE1203	191	KADH1617	190	KBBE1618	188
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KABE1208	188	KABE3238	188	KACE1605	191	KADH2417	190	KBBE1624	188
KABE1209	188	KABE3241	188	KACE1610	191	KADH2419	190	KBBE1626	188
KABE1210	188	KABE3246	188	KACE2404	191	KADH2422	190	KBBE1628	188
KABE1211	188	KABE3250	188	KACE2407	191	KADH2424	190	KBBE1630	188
KABE1212	188	KABE3255	188	KACE2410	191	KADH2427	190	KBBE1632	188
KABE1213	188	KABE3260	188	KACE2413	191	KAGA0204	427	KBBE1634	188
KABE1214	188	KABE3265	188	KACE3207	191	KAGA0210	427	KBBE1636	188
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KABE1220	188	KABG1214	189	KACN240P	190	KAJA18C1	222	KHAP1010E	226
KABE1221	188	KABG1215	189	KACN320P	190	KAJA18D1	222	KHAP1012E	226
KABE1222	188	KABG1216	189	KACP3248	191	KAJA18E1	222	<b>KP...</b>	
KABE1608	188	KABG1217	189	KACT1612	191	KAKA0822	218	KPAA1650	229
KABE1609	188	KABG1218	189	KACT1613	191	KAKB0456	218	KPBA0840	230
KABE1610	188	KABG1219	189	KACT1614	191	KALA0815	226	KPDB0803	235
KABE1611	188	KABG1221	189	KACT1615	191	KALC081E	226	KPDB0805	234
KABE1612	188	KABG1222	189	KACU2410	190	KALC082J	226	KPEA1236	149
KABE1613	188	KABG1610	189	KACU3212	190	KALD0124	228	KPEA1636	149
KABE1614	188	KABG1611	189	KADA1220	190	KALD0302	228	KPNA0510	232
KABE1615	188	KABG1612	189	KADA1225	190	KALD0304	228	KPRA0306	231
KABE1616	188	KABG1613	189	KADA1227	190	KALE0501	219	<b>KS...</b>	
KABE1617	188	KABG1614	189	KADA1230	190	KALE0601	219	KSAAU0808	221
KABE1618	188	KABG1615	189	KADA1240	190	KALF1712	226	<b>NA...</b>	
KABE1619	188	KABG1616	189	KADA1245	190	KALO1212	191	NAAA1705	428
KABE1620	188	KABG1617	189	KADA1250	190	KALO1222	191	NABB1705	428
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KABE1623	188	KABG1621	189	KADA1630	190	KALO2446	191	NBBA0212	426
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KABE1626	188	KABJ1632	341	KADA1650	190	KALP1212	191	NCAA0135	411
KABE1627	188	KABJ1636	341	KADA1655	190	KALP1222	191	NCAA0235	411
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KABE1630	188	KABK1614	189	KADA2470	190	KALP2446	191	NGAW0903	297
KABE1632	188	KABK1616	189	KADA2480	190	KALP3270	191	NGAW0904	297
KABE1633	188	KABK1618	189	KADA2490	190	KALP4895	191	NGAW0905	297
KABE1634	188	KABK1620	189	KADA24A0	190	KAMA0503	220	NGAW0906	297
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KABE1638	188	KABL1617	192	KADB1614S	341	KAMA0603	220	NGAW2703	297
KABE1641	188	KABL1619	192	KADB1616L	341	KAMA0605	220	NGAW2704	297
KABE2419	188	KABL1621	192	KADB1616S	341	KARA0205	224	NGAW2705	297
KABE2421	188	KABM3217	189	KADB1618L	341	KARA0205B	223	NGAW2706	297
KABE2422	188	KABM3219	189	KADB1618S	341	KARA0306	225	NGAW2708	297
KABE2423	188	KABM3221	189	KADB2418	341	<b>KB...</b>		<b>P...</b>	
KABE2424	188	KABP1615	192	KADC1208	190	KBBA1610	187	PBKB2B26143	142
KABE2426	188	KABP1617	192	KADC1210	190	KBBA1612	187	PBKB3B26123	142
KABE2427	188	KABP1619	192	KADC1608	190	KBBA1614	187	PBKB4B26103	142
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KABE2429	188	KABP1622	192	KADH1203	190	KBBA1618	187	PBMB3729	42
KABE2430	188	KABP1617	341	KADH1204	190	KBBA1620	187	PBMB4319	40
KABE2432	188	KACA1208	191	KADH1205	190	KBBA1622	187	PBW-041A	319
KABE2433	188	KACA1216	191	KADH1206	190	KBBA1624	187	PBW-045A	321
KABE2434	188	KACA1612	191	KADH1207	190	KBBA1626	187	PBW-053A	320
KABE2435	188	KACA1624	191	KADH1208	190	KBBA1628	187	<b>S...</b>	
KABE2436	188	KACA2416	191	KADH1210	190	KBBA1630	187	S135	151
KABE2438	188	KACA2432	191	KADH1212	190	KBBA1632	187	<b>SA...</b>	

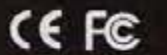
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SAAA3051	420	SFAC5018V4	384	TCBA1301	315				
SAAB2415	420	<b>SL...</b>		TCBH0703	304				
SAAB2430	420	SLAB1818	419	TCBK0703	308				
SAAC4714	421	SLAB1919	420	TCBL0803	307				
SAAC4716	421	SLAC1818	419	TCCA0703	327				
SAAC4717	421	SLAD0505V0	384	<b>TD...</b>					
SAAC4719	421	<b>TA...</b>		TDAD2192	323				
SAAC4720	421	TAAA1607	52	TDAD2490	323				
SAAC4722	421	TAAA1607	324	TDAE2100	323				
SAAC4725	421	TAAD1602	52	TDAE2400	323				
SAAC4727	421	TAAD1602	324	TDAF2592	323				
SAAC4729	421	TAAE4034	309	TDAF9225	323				
SAAC4735	421	TAAE444501	311	TDAG2592	323				
SAAC4737	421	TAAE444502	311	TDAG7010	85				
SAAC4738	421	TAAF6118	322	TDAG7010	323				
SAAC4741	421	TAAH1606	324	TDAG7010	84				
SAAC4744	421	TABD1607	326	TDAG7010	322				
SAAC4751	421	TABF6113	322	TDAG7010	323				
SAAC4754	421	<b>TB...</b>		TDAG7010	85				
SAAC4757	421	TBAA0303	315	TDAG7010	322				
SAAC4760	421	TBAA0304	313	TDAG7010	84				
SAAC4762	421	TBAA0304	324	TDAG7010	322				
SAAC4764	421	TBAA0305	313	TDAG7010	323				
SAAC4765	421	TBAA0601	315	TDAG7010	85				
SAAC4776	421	TBAA0801	315	TDAG7010	323				
SAAC4789	421	TBAA0901	315	TDAG7010	322				
SAAC4792	421	TBAB0304	83	TDAG7010	322				
SAAD1401	421	TBAB0304	322	TDAG7010	322				
SAAD1402	421	TBAB0800	84	TDAG7010	322				
<b>SB...</b>		TBAB0800	322	TDAG7010	322				
SBAA0414	391	TBAC0501	316	TDAG7010	322				
SBAC0125	417	TBAC0502	316	TDAG7010	322				
SBAC0225	417	TBAC345A	316	TDAG7010	322				
SBAC0325	417	TBAC530K	316	TDAG7010	322				
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SBAD0224	417	TBAD0302	310	TDAG7010	322				
SBAE0808	418	TBAE0301	318	TDAG7010	322				
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SCAD1817	419	TCAC0701	310	TDAG7010	322				
<b>SD...</b>		TCAC0702	310	TDAG7010	322				
SDBA0808	416	TCAD0101	314	TDAG7010	322				
SDBB0821	416	TCAD0206	314	TDAG7010	322				
SDBC0821	416	TCAF0501	314	TDAG7010	322				



# TOPTUL®

THE MARK OF PROFESSIONAL TOOLS

## PROFESSIONAL SERIES



### 18V Brushless Cordless Impact Wrench / Impact Drive

- New developed powerful motor with brushless design for maximum output torque and toughness
- Brushless motor eliminates carbon brushes and runs cooler and efficiently for longer service life
- All metal gearbox and optimized impact mechanism provides stable and efficient power transmission
- Aluminum front housing enhances excellent heat dispersion for increasing motor life
- Unique electronically controlled brushless motor optimizes battery energy use for up to 60 percent longer run time
- Variable speed control for optimal performance during all applications
- Quick F/R switch design for easy one-hand operation
- Built-in LED light illuminates the work area
- Ergonomic comfort-grip handle to reduce user fatigue
- Equipped with additional front house protective cover
- Temperature and electric current overload protection
- Battery power indication



High-Performance  
up to 60 percent longer run time

3/8" DR. Brushless Cordless Impact Wrench

1/2" DR. Brushless Cordless Impact Wrench



18V Pro



18V Pro

KPA-1237

KPA-1639

ITEM NO.	KPA-1237	Type of Plug Adapter (power charger)
<b>SPECIFICATIONS</b>		
Max. Torque	120 Nm / 240 Nm / 366 Nm	A E Z
Free Speed	0-1400 / 0-2100 / 0-2760 RPM	[I] [II] [III]
Impact Per Minute	0-1750 / 0-2650 / 0-3500 IPM	(US) (EU) (AUS/NZ)
Power	Battery Rechargeable	[U] [J]
	LI-ion Battery 18V 4.0Ah	[I] [II]
	Power Supply	(UK) (JP)
	AC 100-240V / 50-60Hz	
	Power Consumption DC 21V 6.0A	
Charging Time	40 minute	
Charging Temperature	0-48 °C	
Operation Temperature	0-40 °C	
Storage Temperature	-20-60 °C	
Overall Length	170 mm	
Net Weight	1.92 kg (with 4.0Ah battery)	

ITEM NO.	KPA-1639	Type of Plug Adapter (power charger)
<b>SPECIFICATIONS</b>		
Max. Torque	120 Nm / 240 Nm / 385 Nm	A E Z
Free Speed	0-1400 / 0-2100 / 0-2760 RPM	[I] [II] [III]
Impact Per Minute	0-1750 / 0-2650 / 0-3500 IPM	(US) (EU) (AUS/NZ)
Power	Battery Rechargeable	[U] [J]
	LI-ion Battery 18V 4.0Ah	[I] [II]
	Power Supply	(UK) (JP)
	AC 100-240V / 50-60Hz	
	Power Consumption DC 21V 6.0A	
Charging Time	40 minute	
Charging Temperature	0-48 °C	
Operation Temperature	0-40 °C	
Storage Temperature	-20-60 °C	
Overall Length	175 mm	
Net Weight	1.97 kg (with 4.0Ah battery)	



2020

Calendar  
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2021

January							February							March						
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14	8	9	10	11	12	13	14
15	16	17	18	19	20	21	15	16	17	18	19	20	21	15	16	17	18	19	20	21
22	23	24	25	26	27	28	22	23	24	25	26	27	28	22	23	24	25	26	27	28
29	30	31					29	30	31					29	30	31				



**PROFESSIONAL SERIES**

1/4" Hex. Brushless Cordless Impact Driver



**18V Pro**

**KPB-0837**

ITEM NO.	KPB-0837	Types of Plug Adapter (power charger)
<b>SPECIFICATIONS</b>		
Max. Torque	140 Nm / 330 Nm / 366 Nm	
Free Speed	0-1500 / 0-2200 / 0-3200 RPM	
Impact Per Minute	0-2300 / 0-2800 / 0-3600 IPM	
Power	Battery Rechargeable	
	Li-ion Battery 18V 4.0Ah	
	Power Supply AC 100-240V / 50-60Hz Power Consumption DC 21V 6.0A	
Charging Time	40 minute	
Charging Temperature	0-45 °C	
Operation Temperature	0-40 °C	
Storage Temperature	-20-60 °C	
Overall Length	165 mm	
Net Weight	1.92 kg (with 4.0Ah battery)	



**18V Fast Charger**

- Designed for 18V Ah Li-ion high performance rechargeable battery
- Over temperature, over voltage, over load, over current and short circuit protection
- Impact resistant ABS



**18V Li-ion Battery**

- 18V Li-ion high performance rechargeable battery
- LED battery charge level indicator allows user to monitor battery charge
- Over temperature, over current, over charge, over discharge and short circuit protection
- Impact resistant PC housing



ITEM NO.	Ah	Charging Time	Suitable for TOPTUL Charger Type
KAL-0104	4.0	40 minute	
KAL-0105	5.0	50 minute	KAL-0224
KAL-0106	6.0	70 minute	

ITEM NO.	KAL-0224	Types of Plug Adapter
<b>SPECIFICATIONS</b>		
Power Supply	AC 100-240V / 50-60Hz	
Power Consumption	DC 21V 6.0A	

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