



Handtools Catalogue 2020



WE ARE SATA

SATA® has been the fastest growing premium-quality mechanics' hand tool company globally for over the 20 years. Our selection of products are designed and manufactured to serve professional mechanics and manufacturing and assembly technicians in a variety of industries including automotive, manufacturing, construction, and aerospace. We challenge the status quo by delivering world-class quality, industry-leading innovation, and a highly gratifying experience with our brand.

SATA® Tools go beyond traditional mechanics hand tools, such as sockets, wrenches, and ratchets. The current offering includes construction hand tools, cordless power tools, test & measurement tools, automotive maintenance equipment, and personal protective equipment. SATA® Tools offer a wide range of items for your selection from individual open stock to comprehensive advanced set items.

SATA® Tools meet or exceed ANSI standards and DIN standards with each piece offering high value to cost. SATA® Tool manufacturing facilities are ISO 9001 certified and Apex Tool Group provides LIFETIME WARRANTY to SATA Tools. SATA Tools are your IDEAL choice!





Our portfolio of innovative brands includes:

 **SATA** Weller®

 **GEARWRENCH**®

 **CRESCENT**®

Cleco®

APEX®

Across the board, our products and services stand for quality, innovation and value. Known for solving seemingly impossible problems, they are intuitive and simple to use, yet indispensable.

ATG works collaboratively with distributors, retailers and large customers across the globe to make sure end users have the tools they need to solve real-world problems. Our unique category management approach provides customers with end-user data, market research and voice of the customer insight, which helps drive inventory, display and promotion decisions. Plus, our truly global footprint enables us to serve customers' needs in a way we couldn't if we were a regional player.

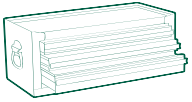
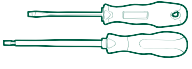
More details can be found at this website:
WWW.APEXTOOLGROUP.COM

 **SATA**

**MADE TO
CHALLENGE**



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Tool Storage



 **SATA**

31" 7 Drawer Roller Cabinet

Cat. No.	Width	Depth	Height				
GL95107	780 mm	550mm	1180 mm	0	1	101 kg	●
after assembled	679 mm	458 mm	1007 mm				



• Screwdriver compartment for easy and convenient storage



• High durability roller tracks enable smooth sliding

• Drawer load capacity 35 kg
• Total load capacity 240 kg
• Tools pictured not included



• PVC handle for comfortable grip

• 1.2mm thickness steel body for strength and durability

• Two swivel (with stopper) and two fixed casters with pin rolling bearings

45" 8 Drawer Roller Cabinet

Cat. No.	Width	Depth	Height				
GL95109	1120 mm	570 mm	1250 mm	0	1	110.6 kg	●
after assembled	1035 mm	457 mm	897 mm				



• High durability roller tracks enable smooth sliding

• Drawer load capacity 35 kg
• Total load capacity 240 kg
• Tools pictured not included



• PVC handle for comfortable grip

• 1.2mm thickness steel body for strength and durability

• Two swivel (with stopper) and two fixed casters with pin rolling bearings

7 Drawer Roller Cabinet

Cat. No.	Width	Depth	Height				
GL95207	820 mm	510 mm	1105 mm	0	1	83 kg	
after assembled	805 mm	490 mm	1000 mm				



• Curve design vertical tubes for strength and impact resistance



• Removable tool box on both sides for easy storage





• Integrally formed table with trays for small parts easy storage and screwdriver slots

• User-friendly design side lock to avoid the interference of drawer and key

• Suitable for tool set GL95207S

• Total cabinet load capacity 300kg

• Top 6 drawer load capacity 35kg, 7th drawer load capacity 45kg

• High quality casters for smooth moving

• High durability roller tracks enable smooth sliding

5 Drawer Roller Cabinet

Cat. No.	Width	Depth	Height				
GL95208	1210 mm	520 mm	1040 mm	0	1	100 kg	
after assembled	1180 mm	480 mm	830 mm				



• Mounting holes for Mechanics Bench Vise



• High quality door lock





• Attractive and durable stainless steel table



• User-friendly design side lock to avoid the interference of drawer and key



• Removable tool box on both sides for easy storage

• Suitable for tool set GL95208S

• Total cabinet load capacity 300kg

• Top 4 drawers load capacity 35kg, 5th drawer load capacity 45kg

• High quality casters for smooth moving

• High durability roller tracks enable smooth sliding

28" 5 Drawer Roller Cabinet

Cat. No.	Width	Depth	Height				
GL95121	770 mm	470mm	896 mm	0	1	35 kg	●



- Four clipped corner design for better strength and durability
- Drawer liners in all drawers (EVA foam)
- 45mm ball bearing slide for exceptional load capacity
- Aluminum handle
- Durable powder coated finish protects against scratches and marring
- 5" heavy duty casters for smooth running and durability
- Single drawer load capacity 35kg
- Total cabinet load capacity 200kg

30" 5 Mini Roller Cabinet

Cat. No.	Width	Depth	Height				
GL95111	750 mm	480mm	990 mm	0	1	25 kg	○
after assembled	635 mm	390 mm	800 mm				



- Total load capacity 100kg
- Open top tray for easy tools placement
- Shuttle door for easy opening/closing
- See-through net structure on side panels



Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

38" 2 Drawer Utility Cart

Cat. No.	Width	Depth	Height				
GL95118	960 mm	560 mm	570 mm	0	1	55 kg	●
after assembled	880 mm	416 mm	1029 mm				



- Cart body made of 1.2mm thickness steel for strength and durability
- Gas struts assist in smooth opening/closing of the top lid
- Foldable side table for convenience and space saving
- Screwdriver compartment for easy and convenient storage
- Pre-drilled holes for pry bars and long tools
- Bottom storage tray for storing larger items
- 5" heavy duty two swivel casters with brake and two fixed for easy movement
- Drawer load capacity 35kg. Total load capacity 150kg
- Tools pictured not included

17" 5 Tray Cantilever Tool Box

Cat. No.	Width	Depth	Height				
GL95104A	430 mm	200 mm	200 mm	0	1	4.8 kg	●



- Manufactured from heavy gauge sheet steel with powder coated finish
- Tubular handles for comfort and reduced fatigue

14" Metal Tool Box

Cat. No.	Width	Depth	Height				
GL95101	360 mm	150 mm	115 mm	0	1	2 kg	



- Strong comfortable handle
- Manufactured from heavy gauge sheet steel with power coated finish

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

17" & 20" Metal Tool Box

Cat. No.	Width	Depth	Height				
GL95102	428 mm	177 mm	184 mm	0	1	4.4 kg	
GL95103A	508 mm	218 mm	243 mm	0	1	6.5 kg	



- Size: GL95102: 17"
GL95103A: 20"
- Sturdy carrying handle with two clip type locks on the lid
- Manufactured from heavy gauge sheet steel with powder coated finish

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

16" Aluminum Case

Cat. No.	Width	Depth	Height				
GL03601	425 mm	305 mm	125 mm	0	5	13.4 kg	



- Perforated EVA foam insert for storage compartments
- Reinforced inner metal frame for excellent impact resistance
- Protective ABS corners for improved wear resistance and shock absorbent

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

24" Aluminum Trolley Case

Cat. No.	Width	Depth	Height				
GL03621	490 mm	420 mm	230 mm	0	1	8 kg	



- Double lock structure and anti-shock EVA pad lining for more safety
- Multipurpose with separators divide the storage space arbitrarily
- Impact resistance. Structure force up to 100kg, surface panel force up to 50kg

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

15" Plastic Tool Box

Cat. No.	Width	Depth	Height				
GL95161	385 mm	202 mm	140 mm	0	6	5.2 kg	●



- Lock and handle made of strong ABS material
- Tool box made of high impact resistant PP material

 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

21" Plastic Tool Box

Cat. No.	Width	Depth	Height				
GL95164	530 mm	235 mm	220 mm	0	6	171 kg	●



- Tote tray included
- Lock and handle made of strong ABS material
- Tool box made of high impact resistant PP material

 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

4-Pocket Belt Pouch

Cat. No.	Overall Length	Overall Height				
GL95211	110 mm	235 mm	0	20	1.8 kg	○
Working belt and tools not included						



- Multi-sized pockets for maximum organization
- 900-denier nylon construction for strength and durability

 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

6-Pocket Belt Pouch

Cat. No.	Overall Length	Overall Height				
GL95212	250 mm	280 mm	0	20	7.99 kg	○
Working belt and tools not included						



- Multi-sized pockets and loops for maximum organization
- 900-denier nylon construction for strength and durability

 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

Portable Tool Bag

Cat. No.	Width	Depth	Height				
GL95184	440 mm	330 mm	330 mm	1	10	11 kg	
Tools not included							



- Size: 17"
- Multiple easy access compartments for maximum usage
- Reinforced internal pockets
- Made of heavy duty 900 denier polyester fabric

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

23" Trolley Tool Bag

Cat. No.	Width	Depth	Height				
GL95188	430 mm	240 mm	380 mm	0	1	5.39 kg	
Tools not included							



- Reinforced pockets
- Made of 600 denier water-resistant material

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Tool Storage - Tray Set

Usage:

For daily usage to organize your tools systematically, avoiding misplace and shortages.

Advantages:

- Neat and presentable image
- Instant availability check
- Avoid/reduce tools replacement rate due to misplace
- Tray sets available to meet your different needs

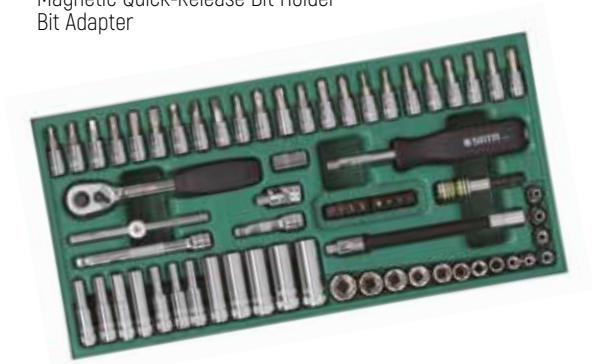


66 Pc. 1/4" Drive 6 Point Metric Socket Tray Set

Cat. No.	Length	Width	Height				
GL09901	375 mm	185 mm	45 mm	0	4	8.9 kg	

CONTENTS:

- 1 - Quick-Release Ratchet
- 14 - 6pt. Metric Sockets 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
- 12 - 6pt. Metric Deep Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
- 23 - Bit Sockets Slotted 4, 5.5, 6.5 mm; Phillips #1, #2, #3; Pozidriv #1, #2, #3; Torx® T8, T10, T15, T20, T25, T27, T30, T40 Hex 3, 4, 5, 6, 7, 8 mm
- 8 - 25L Bits Phillips #0, #1, #2, #3; Slotted 3, 4, 5, 6 mm
- 8 - Accessories
Spinner Handle
Wobble Extension Bars 2", 4"
Flex Extension Bar 6"
T-Handle
Universal Joint
Magnetic Quick-Release Bit Holder
Bit Adapter



33 Pc. 3/8" Drive 6 Point Metric Socket Tray Set

Cat. No.	Length	Width	Height				
GL09902	375 mm	185 mm	45 mm	0	4	12.9 kg	

CONTENTS:

- 1 - Quick-Release Ratchet
- 15 - 6pt. Metric Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 mm
- 8 - 6pt. Metric Deep Sockets 10, 11, 12, 13, 14, 15, 17, 19 mm
- 3 - Spark Plug Sockets 16, 18, 21 mm
- 6 - Accessories
Wobble Extension 10"
3/8" x 1/4" Adapter
Universal Joint
Bit Adapter
Locking Extension Bar 3"
1/2" x 3/8" 3-Way Adapter



27 Pc. 1/2" Drive 6 Point Metric Socket Tray Set

Cat. No.	Length	Width	Height				
GL09903	375 mm	185 mm	45 mm	0	4	18 kg	

CONTENTS:

- 1 - Quick-Release Ratchet
- 17 - 6pt. Metric Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32, 34 mm
- 5 - 6pt. Metric Deep Sockets 10, 13, 17, 19, 22 mm
- 4 - Accessories
Wobble Extension Bar 10"
Universal Joint
Locking Extension Bar 5"
3/8" x 1/2" 3-Way Adapter



10 Pc. Metric Open End and Combination Wrench Tray Set

Cat. No.	Length	Width	Height				
GL09904	375 mm	185 mm	45 mm	0	4	10.5 kg	

CONTENTS:

- 2 - Double Ratcheting Combination Wrenches 13, 14 mm
- 8 - Double Open End Wrenches 6x7, 8x10, 10x12, 11x13, 12x14, 22x24, 24x27, 30x32 mm



10 Pc. Metric Offset Box Wrench Tray Set

Cat. No.	Length	Width	Height				
GL09905	375 mm	185 mm	45 mm	0	4	10 kg	●

CONTENTS:

6x7, 8x10, 10x12, 11x13, 12x14,
14x17, 17x19, 19x21, 21x23, 24x27 mm



30 Pc. Metric Combination Wrench and Hex Key Tray Set

Cat. No.	Length	Width	Height				
GL09906	375 mm	185 mm	45 mm	0	4	10.3 kg	●

CONTENTS:

12 - Combination Wrenches 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
9 - Extra Long Ball Point Hex Key Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm
9 - Long Arm Tamper-Proof Torx® Key Set
T10, T15, T20, T25, T27, T30, T40, T45, T50



8 Pc. Metric Combination Wrench Tray Set

Cat. No.	Length	Width	Height				
GL09907	375 mm	185 mm	45 mm	0	4	8.8 kg	●

CONTENTS:

5.5, 6, 7, 20, 21, 22, 23, 24 mm



5 Pc. Adjustable Wrench and Pliers Tray Set

Cat. No.	Length	Width	Height				
GL09909	375 mm	185 mm	45 mm	0	4	8.5 kg	●

CONTENTS:

2 - Adjustable Wrenches 8", 10"
1 - Long Nose Pliers 6"
1 - Curved Jaw Locking Pliers 7"
1 - Long Nose Locking Pliers 6"



8 Pc. File Tray Set

Cat. No.	Length	Width	Height				
GL09910	375 mm	185 mm	45 mm	0	4	6.3 kg	●

CONTENTS:

- 1 - Flat File 8"
- 1 - Half-Round File 8"
- 1 - Round File 8"
- 1 - Three Square File 8"
- 3 - 140mm Needle Files - Flat, Half Round, Round



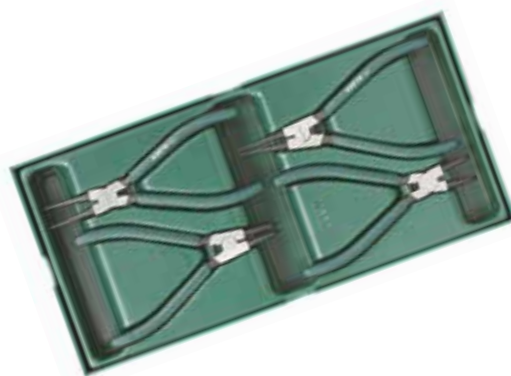
 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

4 Pc. Snap Ring Pliers Tray Set

Cat. No.	Length	Width	Height				
GL09911	375 mm	185 mm	45 mm	0	4	5.3 kg	●

CONTENTS:

- 1 - External Straight 7"
- 1 - External Curved 7"
- 1 - Internal Straight 7"
- 1 - Internal Curved 7"



4 Pc. Pliers Tray Set

Cat. No.	Length	Width	Height				
GL09912	375 mm	185 mm	45 mm	0	4	6.6 kg	●

CONTENTS:

- 1 - Long Nose 6"
- 1 - Diagonal 6"
- 1 - Linesman 8"
- 1 - Plastic Flush Cutting 6"



13 Pc. Combination Screwdriver Tray Set

Cat. No.	Length	Width	Height				
GL09913	375 mm	185 mm	45 mm	0	4	5.1 kg	●

CONTENTS:

- 4 - Precision Slotted 1.0x40mm, 2.0x40mm, 2.4x40mm, 3.0x40mm
- 2 - Precision Phillips #0x40mm, #3x40mm
- 3 - T-Series Slotted 3x75mm, 5x75mm, 6x100mm
- 4 - T-Series Phillips #0x75mm, #1x75mm, #2x100mm, #3x150mm

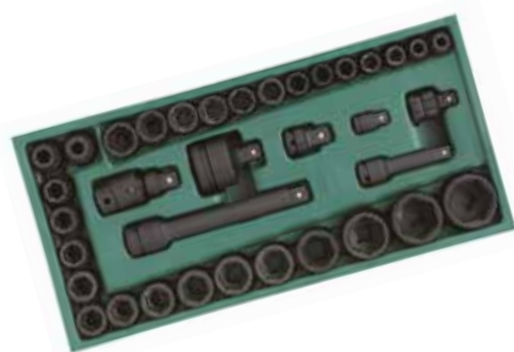


36 Pc. 3/8" and 1/2" Drive 6 Point Metric Impact Socket Tray Set

Cat. No.	Length	Width	Height				
GL09914	375 mm	185 mm	45 mm	0	4	17.3 kg	●

CONTENTS:

16 - 1/2"Dr. Metric Impact Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32 mm
 13 - 3/8"Dr. Metric Impact Sockets 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
 1 - 3/8"Dr. Impact Extension Bar 3"
 1 - 1/2"Dr. Impact Extension Bar 6"
 1 - 1/4"F x 3/8"M Impact Adapter
 1 - 1/2"F x 3/8"M Impact Adapter
 1 - 3/8"F x 1/2"M Impact Adapter
 1 - 3/4"F x 1/2"M Impact Adapter
 1 - 1/2"Dr. Impact Universal Joint

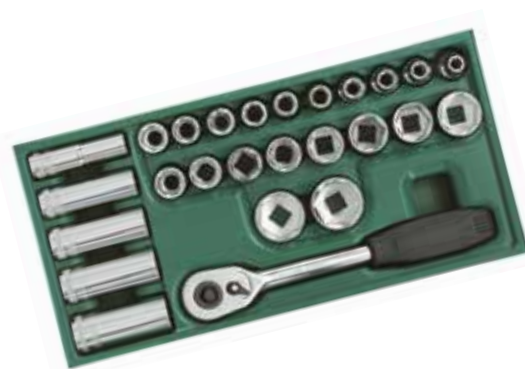


26 Pc. 1/2" Drive 6 Point Metric Socket Tray Set

Cat. No.	Length	Width	Height				
GL09915	375 mm	185 mm	45 mm	0	4	15.5 kg	●

CONTENTS:

20 - 6pt. Metric Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm
 5 - 6pt. Metric Deep Sockets 14, 17, 19, 21, 24 mm
 1 - Quick-Release Ratchet



19 Pc. Metric Double Ratcheting Combination Wrench Tray Set

Cat. No.	Length	Width	Height				
GL09925	375 mm	185 mm	45 mm	0	4	9.2 kg	●

CONTENTS:

15 - Double Ratcheting Combination Wrenches 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
 1 - 1/4"Dr. x 10 mm Quick Release Adapter
 1 - 3/8"Dr. x 13 mm Quick Release Adapter
 1 - 1/2"Dr. x 19 mm Quick Release Adapter
 1 - 1/4"Dr. x 10 mm Bit Adapter



4 Pc. Striking Tool Tray Set

Cat. No.	Length	Width	Height				
GL09932	375 mm	185 mm	45 mm	0	4	15.5 kg	●

CONTENTS:

1 - 5 Pc. Punch Set
 1 - 32 Pc. Feeler Gauge Set
 1 - Hickory Ball Pein Hammer 24oz
 1 - Hickory Soft Face Hammer 35mm



29 Pc. 3/8" Drive 6 Point SAE Socket Tray Set

Cat. No.	Length	Width	Height				
GL09920	375 mm	180 mm	45 mm	0	4	12.6 kg	

CONTENTS:

- 11 - 6Pt. S.A.E. Sockets
1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8"
- 9 - 6Pt. S.A.E. Deep Sockets
3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8"
- 2 - Spark Plug Sockets 5/8, 13/16"
- 7 - Accessories
Quick-Release Ratchet
Wobble Extension 10"
Locking Extension 3"
Universal Joint
3/8"F x 1/4"M Adapter
Bit Adapter
1/2"F x 3/8"M 3-Way Adapter



25 Pc. 1/2" Drive 6 Point SAE Socket Tray Set

Cat. No.	Length	Width	Height				
GL09921	375 mm	180 mm	45 mm	0	4	17.8 kg	

CONTENTS:

- 15 - 6Pt. S.A.E. Sockets 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"
- 5 - 6Pt. S.A.E. Deep Sockets 1/2, 9/16, 5/8, 3/4, 13/16"
- 5 - Accessories
Quick-Release Ratchet
Wobble Extension 10"
Locking Extension 5"
Universal Joint
3/8"F x 1/2"M 3-Way Adapter

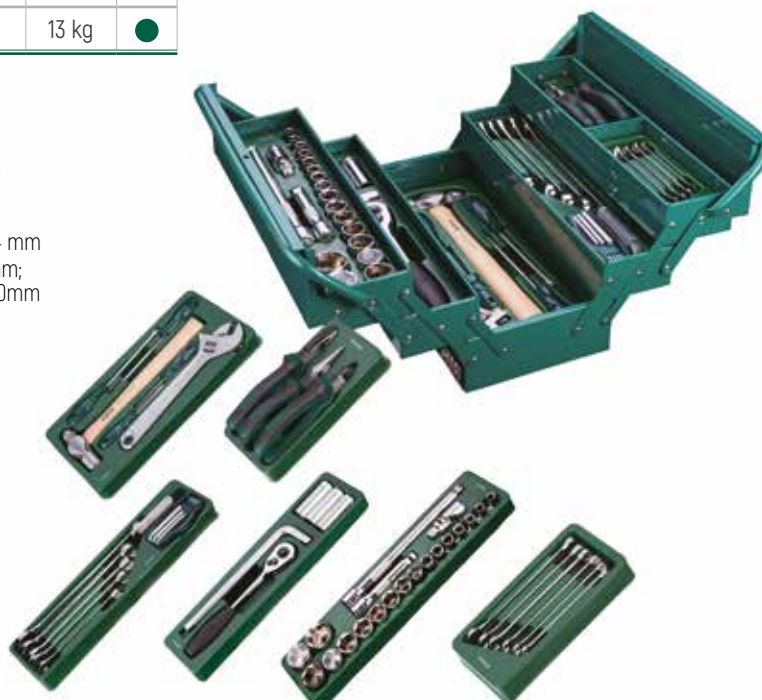


70 Pc. Metric Cantilever Tool Box and Tray Set

Cat. No.				
GL95104A70	1	1	13 kg	
GL95104A70-6	1	1	13 kg	

CONTENTS:

- 1 - 5" Cantilever Tool Box
- 1 - 1/2"Dr. Quick-Release Ratchet
- 17 - 1/2"Dr. Metric Sockets* 8, 9, 10, 11, 12, 13, 14, 17, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm
- 3 - 1/2"Dr. Metric Deep Sockets* 17, 19, 21 mm
- 11 - Combination Wrenches 8, 9, 10, 11, 12, 13, 14, 17, 19, 21, 24 mm
- 4 - Acetate Screwdrivers
Slotted 5x75mm, 6x150mm;
Phillips #1x75mm, #2x150mm
- 1 - Adjustable Wrench 12"
- 1 - Long Nose Pliers 6"
- 1 - Diagonal Pliers 6"
- 1 - Linesman Pliers 7"
- 1 - Hickory Ball Pein Hammer 24 oz
- 28 - Accessories
1/2"Dr. Wobble Extension Bars 5", 10"
1/2"Dr. Universal Joint
1/2"Dr. Offset Handle 260 mm
8 Pc. Metric Foldup Hex Key Set
16 Pc. Feeler Gauge Set



* GL95104A-70: 12 Point Metric Standard and Deep Sockets
GL95104A-70-6: 6 Point Metric Standard and Deep Sockets

TRAY SETS ARE SUITABLE FOR GL95107 31" 7 DRAWER ROLLER



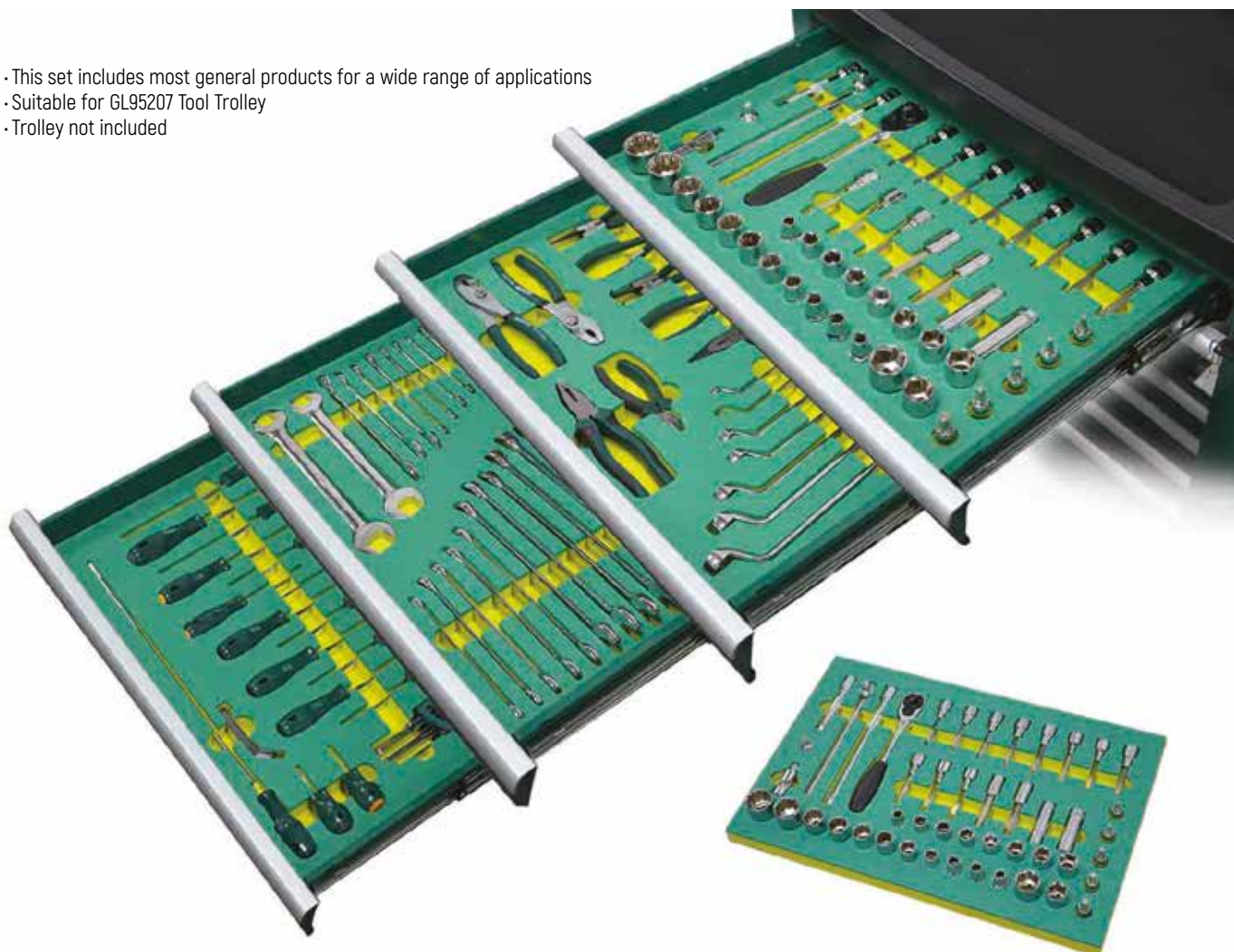
171 Pc. General Tool Set

Cat. No.				
GL95207S	0	1	28 kg	

CONTENTS:

- 3 - 1/4", 3/8", 1/2"Dr. Quick-Release Ratchets
- 10 - 1/4"Dr. 6pt. Metric Sockets 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
- 3 - 1/4"Dr. 6pt. Metric Deep Sockets 6, 7, 10 mm
- 9 - 3/8"Dr. 6pt. Metric Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16 mm
- 3 - 3/8"Dr. 6pt. Metric Deep Sockets 13, 15, 16 mm
- 10 - 1/2"Dr. 6pt. Metric Sockets 10, 14, 15, 16, 17, 18, 19, 21, 22, 27 mm
- 2 - 1/2"Dr. 6pt. Metric Deep Sockets 17, 19 mm
- 11 - 1/2"Dr. 12pt. Metric Sockets 10, 11, 12, 13, 17, 19, 20, 22, 24, 30, 32 mm
- 4 - 1/4"Dr. Bit Sockets Hex 5, 6 mm; Pozidriv #2; Slotted 5.5 mm
- 5 - 3/8"Dr. Bit Sockets Torx® T10, T15, T20, T25, T30
- 5 - 1/2"Dr. Bit Sockets Hex 5, 6, 7, 8, 10 mm
- 4 - 1/2"Dr. Long Bit Sockets Torx® T25, T27, T30, T45
- 6 - 1/2"Dr. Long Bit Sockets Hex 5, 6, 7, 8, 12, 14 mm
- 3 - 1/2"Dr. Long Bit Sockets Triple Square M6, M8, M10
- 4 - 1/2"Dr. 6pt. Metric Impact Sockets 17, 19, 21, 22 mm
- 15 - Combination Wrenches
 - 7, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21, 22, 23, 24, 27 mm
- 9 - Double Open End Wrenches
 - 8x10, 10x12, 11x13, 12x14, 14x17, 16x18, 17x19, 21x23, 22x24 mm
- 7 - Deep Offset Double Box End Wrenches
 - 8x9, 10x11, 12x13, 14x15, 18x19, 20x22, 24x27 mm
- 15 - Acetate Screwdrivers
 - Torx® T10x100, T15x100, T20x100, T25x100, T27x100, T30x100 mm;
 - Slotted 6x38, 3.2x75, 5x100, 6x150, 8x150 mm;
 - Phillips #1x75, #2x38, #2x100, #3x150 mm
- 1 - Slip Joint Pliers 8"
- 1 - Long Nose Pliers 6"
- 1 - Diagonal Pliers 5"
- 1 - Linesman Pliers 7"
- 1 - External Snap Ring Straight Pliers 7"
- 1 - External Snap Ring Curved Pliers 7"
- 1 - Internal Snap Ring Straight Pliers 7"
- 1 - Internal Snap Ring Curved Pliers 7"
- 1 - Hickory Ball Pein Hammer 24 oz
- 1 - Air Blow Gun 100 mm
- 1 - 1/2"Dr. Air Impact Wrench
- 5 - End Cap Oil Filter Wrench 65, 74, 76, 90, 93 mm
- 1 - Universal 3-Jaw Oil Filter Wrench 63-102 mm
- 1 - Oil Filter Wrench 75-95 mm
- 1 - Dial Torque Wrench 300 N.m
- 22 - Accessories
 - 9Pc. Metric Long Arm Ball Point Hex Key Set
 - 16 Pc. Feeler Gauge Set
 - 1/4"Dr. Wobble Extension Bars 2", 4"
 - 1/4"Dr. Spinner Handle
 - 1/4"Dr. Flex Extension Bar 6"
 - 3/8"Dr. Locking Extension Bar 6", 10"
 - 3/8"Dr. Spark Plug Sockets 16, 21 mm
 - 3/8"Dr. Flex Extension Bar 8"
 - 1/2"Dr. Wobble Extension Bars 5", 10"
 - 1/2"Dr. T-Handle
 - 1/4", 3/8", 1/2"Dr. Universal Joints
 - 3/8"F x 1/4"M, 1/2"F x 3/8"M Socket Adapters
 - Japanese Style Plug R1/4"
 - Flexible Magnetic Pickup Tool 400mm x 1kg
 - T-Handle 6pt. Socket 10 mm

- This set includes most general products for a wide range of applications
- Suitable for GL95207 Tool Trolley
- Trolley not included



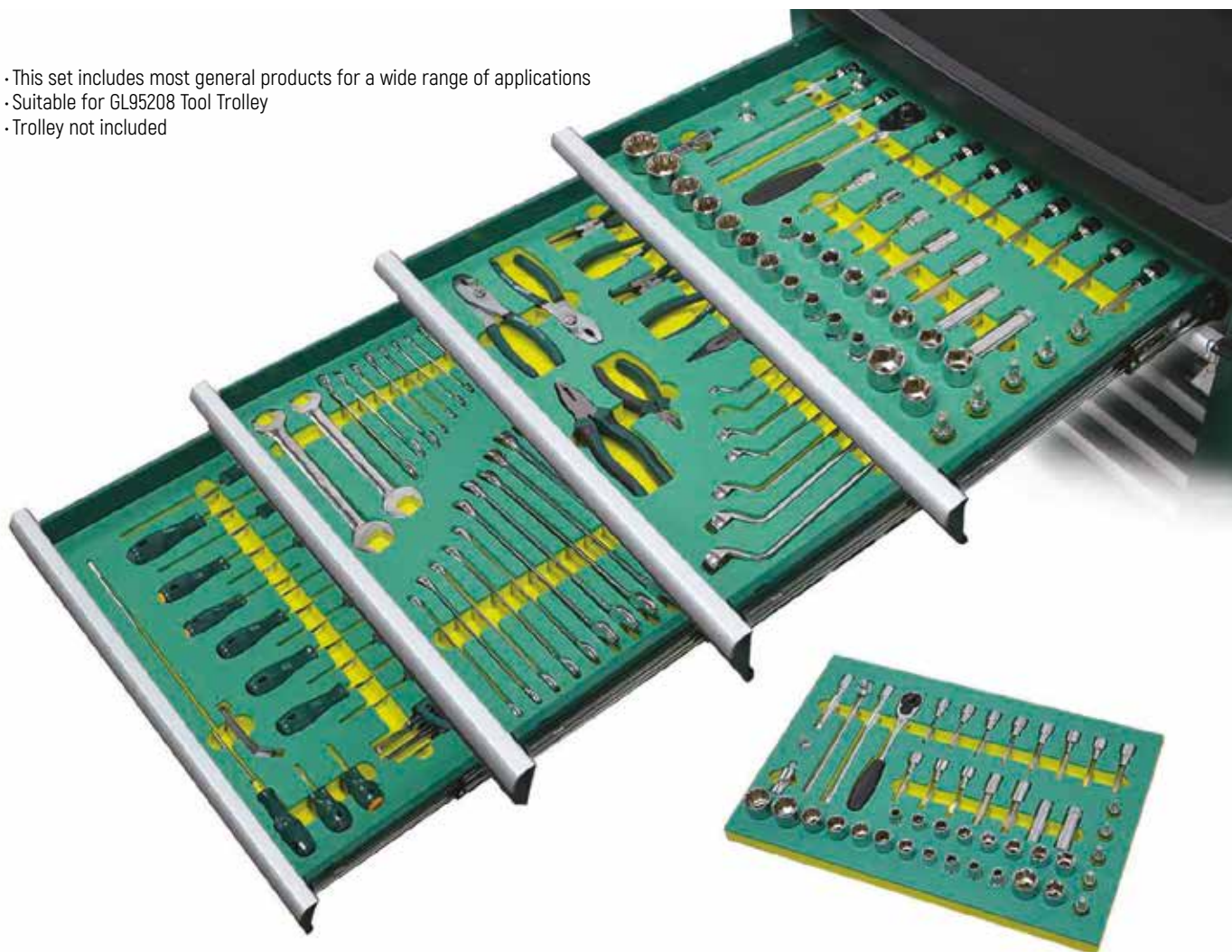
103 Pc. General Tool Set

Cat. No.				
GL95208S	0	1	23 kg	●

CONTENTS:

- 2 - 1/4", 1/2"Dr. Quick-Release Ratchets
- 7 - 1/4"Dr. 6pt. Metric Sockets 5, 5.5, 6, 7, 8, 9, 10 mm
- 12 - 1/2"Dr. 12pt. Metric Sockets 8, 10, 11, 12, 13, 17, 19, 20, 22, 24, 30, 32 mm
- 1 - 1/2"Dr. 6pt. Metric Deep Socket 17 mm
- 16 - 1/4"Dr. Bit Sockets Hex 3, 4, 5, 6, 8 mm;
Phillips #1, #2;
Slotted 4, 5.5, 6.5 mm;
Torx® T10, T15, T20, T25, T30, T40
- 4 - 1/2"Dr. Long Bit Sockets Torx® T25, T27, T30, T40
- 6 - 1/2"Dr. Long Bit Sockets Hex 5, 6, 7, 8, 12, 14 mm
- 9 - Double Open End Wrenches 8x10, 10x12, 11x13, 12x14, 14x17, 16x18, 17x19, 21x23, 22x24 mm
- 13 - Acetate Screwdrivers Torx® T10x100, T15x100, T20x100, T25x100, T27x100, T30x100 mm;
Slotted 6x38, 3.2x75, 5x100, 6x150 mm;
Phillips #1x75, #2x38, #2x100 mm
- 2 - T-Series Go-Through Screwdrivers Slotted 8x150 mm;
Phillips #3x150 mm
- 1 - Adjustable Wrench 8"
- 1 - Curved Jaw Quick-Release Pliers 10"
- 1 - Long Nose Locking Pliers 6"
- 1 - Metal Sheet Clamping Locking Pliers 8"
- 1 - C-Clamp Locking Pliers 11"
- 1 - Plastic Rivet Removal Pliers
- 1 - Standard Bumping Hammer 310g
- 1 - Curved Pein and Finishing Hammer 305g
- 1 - Hickory Dead Blow Hammer 40 mm
- 1 - Hickory Ball Pein Hammer 24 oz
- 3 - Dollies Anvil, Wedge, Toe
- 2 - Aviation Snips Left Cut 10", Right Cut 10"
- 1 - Aluminum Hack Saw 12"
- 1 - Pinch Bar 18x400 mm
- 4 - Files
- 6" Half Round Bastard Cut; 6" Half Round Smooth Cut; 6" Round Second Cut;
- 6" Three Square Second Cut
- 10 - Accessories
 - 9Pc. Metric Long Arm Ball Point Hex Key Set
 - 1/4"Dr. Wobble Extension Bars 2", 4"
 - 1/4"Dr. Spinner Handle
 - 1/4"Dr. T-Handle
 - 1/2"Dr. Wobble Extension Bars 5", 10"
 - 1/2"Dr. T-Handle
 - 1/4", 1/2"Dr. Universal Joints

- This set includes most general products for a wide range of applications
- Suitable for GL95208 Tool Trolley
- Trolley not included



Ratchet, Socket & Drive Tool



SATA tools are designed to cater for various industries usage from automotive repair workshop to plant maintenance and repair.



SATA tools offer a wide range of items for your selection from individual open stock to comprehensive advanced set items. SATA tools are your ideal choice.



Each piece of SATA tool offers exceptional value to you with highest product quality standard at a very affordable price point.



25 Pc. 1/4" Drive 6 Point Metric Socket Set

Cat. No.				
GL09001	0	12	16.9 kg	●

CONTENTS:

- 1 - Quick-Release Ratchet
- 14 - 6pt. Metric Sockets 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
- 5 - 6pt. Metric Deep Sockets 8, 10, 11, 12, 13 mm
- 5 - Accessories
 - Spinner Handle
 - Wobble Extension Bars 2", 4"
 - T-Handle
 - Universal Joint



38 Pc. 1/4" Drive 6 Point Metric Socket Set

Cat. No.				
GL09002	0	12	16.7 kg	●

CONTENTS:

- 1 - Quick-Release Ratchet
- 14 - 6pt. Metric Sockets 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
- 18 - Bit Sockets
 - Slotted 4, 5.5, 6.5 mm;
 - Phillips #1, #2; Pozidriv #1, #2
 - Torx® T10, T15, T20, T25, T30, T40; Hex 3, 4, 5, 6, 8 mm
- 5 - Accessories
 - Spinner Handle
 - T-Handle
 - Universal Joint
 - Wobble Extension Bars 2", 4"



20 Pc. 1/4" Drive 6 Point Metric Socket Set

Cat. No.				
GL09522	0	12	12.59 kg	○

CONTENTS:

- 1 - Quick-Release Round Head Ratchet
- 13 - 6pt. Metric Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
- 4 - 6pt. Metric Deep Sockets 8, 10, 12, 13 mm
- 1 - Extension Bar 2"
- 1 - Spinner Handle

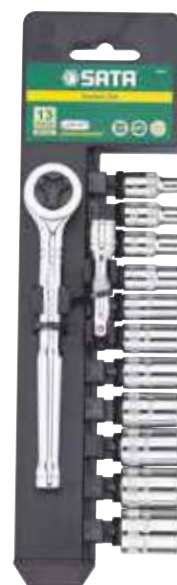


13 Pc. 1/4" Drive 6 Point Metric Socket Set

Cat. No.				
GL09521	0	36	16.6 kg	●

CONTENTS:

- 1 - Quick-Release Round Head Ratchet
- 11 - 6pt. Metric Sockets 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
- 1 - Wobble Extension Bar 2"



5 Pc. 3/8" Drive Spark Plug Socket Set

Cat. No.				
GL09003	5	10	13 kg	

- CONTENTS:
- 1 - Wobble Extension Bar 6"
 - 1 - Locking Extension Bar 6"
 - 1 - Offset Flex Head Ratchet Handle
 - 2 - Spark Plug Sockets 16, 21 mm



58 Pc. 3/8" Drive 6 Point Metric Socket Set

Cat. No.				
GL09004	0	3	13.6 kg	

- CONTENTS:
- 1 - Quick-Release Ratchet
 - 18 - 6pt. Metric Sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24 mm
 - 9 - 6pt. Metric Deep Sockets 8, 10, 11, 12, 13, 14, 15, 17, 19 mm
 - 2 - Spark Plug Sockets 16, 21 mm
 - 24 - Bit Sockets
 - Slotted 5.5, 6.5, 8 mm;
 - Phillips #1, #2, #3;
 - Pozidriv #1, #2
 - Torx® T10, T15, T20, T25, T30, T40, T45, T50, T55
 - Hex 3, 4, 5, 6, 7, 8, 10 mm
 - 4 - Accessories
 - Wobble Extension Bars 3", 10"
 - Universal Joint
 - 1/2" F x 3/8" M 3-Way Adapter



14 Pc. 3/8" Drive 6 Point Metric Socket Set

Cat. No.				
GL09523	4	16	15.6 kg	

- CONTENTS:
- 1 - Quick-Release Round Head Ratchet
 - 12 - 6pt. Metric Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
 - 1 - Wobble Extension Bar 3"



20 Pc. 1/2" Drive 6 Point Metric Socket Set

Cat. No.				
GL09005	0	6	20.9 kg	

- CONTENTS:
- 1 - Quick-Release Ratchet
 - 12 - 6pt. Metric Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24 mm
 - 3 - 6pt. Metric Deep Sockets 13, 17, 19 mm
 - 4 - Accessories
 - Spark Plug Socket 16 mm
 - Wobble Extension Bar 10"
 - Universal Joint
 - 3/8" F x 1/2" M 3-Way Adapter



20 Pc. 1/2" Drive 6 and 12 Point SAE Socket Set

Cat. No.				
GL09087	0	4	18.7 kg	●

CONTENTS:

- 8 - 6pt. S.A.E. Sockets 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"
- 7 - 12pt. S.A.E. Sockets 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4"
- 5 - Accessories
 - Quick-Release Ratchet
 - Wobble Extensions 5", 10"
 - Flex Handle 15"
 - 3/8"F x 1/2"M 3-Way Adapter



46 Pc. 1/2" Drive 6 Point Metric/SAE Socket Set

Cat. No.				
GL09006	0	3	214 kg	●

CONTENTS:

- 1 - Quick-Release Ratchet
- 20 - 6pt. Metric Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm
- 7 - 6pt. Metric Deep Sockets 10, 12, 13, 14, 15, 17, 19 mm
- 11 - 6pt. S.A.E. Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1"
- 7 - Accessories
 - Flex Handle 10"
 - Spark Plug Sockets 16, 21 mm
 - Wobble Extension Bars 5", 10"
 - Universal Joint
 - 3/8"F x 1/2"M 3-Way Adapter



24 Pc. 1/2" Drive Metric Socket Set

Cat. No.				
GL09060	0	4	18.8 kg	●
GL09060-6	0	4	18.8 kg	●

CONTENTS:

- 1 - Quick-Release Ratchet
- 19 - Metric Sockets* 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm
- 4 - Accessories
 - Wobble Extension Bars 5", 10"
 - Universal Joint
 - T-Handle



*GL09060: 12pt. Sockets
GL09060-6: 6pt. Sockets

58 Pc. 1/2" Drive 6 Point Metric Socket Set

Cat. No.				
GL09007	0	3	18.2 kg	●

CONTENTS:

- 1 - Quick-Release Ratchet
- 17 - 6pt. Metric Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32 mm
- 8 - 6pt. Metric Deep Sockets 10, 11, 12, 13, 14, 15, 17, 19 mm
- 25 - 5/16" Shank 30L Bits
 - Slotted 8, 10, 12 mm; Phillips #1, #2, #3, #4;
 - Pozidriv #1, #2, #3, #4
 - Torx® T20, T25, T30, T40, T45, T50, T55
 - Hex 4, 5, 6, 8, 10, 12, 14 mm
- 7 - Accessories
 - 5/16" Shank x 1/2"Dr. Bit Adapter
 - Spark Plug Sockets 16, 21 mm
 - Wobble Extension Bars 5", 10"
 - Universal Joint
 - 3/8"F x 1/2"M 3-Way Adapter



23 Pc. 1/2" Drive 6 Point Metric Socket Set

Cat. No.				
GL09526	0	4	25.6 kg	

CONTENTS:

- 1 - Quick-Release Round Head Ratchet
- 15 - 6pt. Metric Sockets 10, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24, 27, 30, 32, 34 mm
- 4 - 6pt. Metric Deep Sockets 12, 14, 17, 19 mm
- 2 - Spark Plug Sockets 16, 21 mm
- 1 - Extension Bar 10"



13 Pc. 1/2" Drive 6 Point Metric Socket Set

Cat. No.				
GL09525	2	8	13.9 kg	

CONTENTS:

- 1 - Quick-Release Round Head Ratchet
- 11 - 6pt. Metric Sockets 10, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24 mm
- 1 - Wobble Extension Bar 5"



17 Pc. 1/2" Drive 12 Point Metric Socket Set

Cat. No.				
GL09086	0	6	18.2 kg	

CONTENTS:

- 13 - 12pt. Metric Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 mm
- 1 - Spark Plug Socket 16 mm
- 3 - Accessories
 - Quick-Release Ratchet
 - Wobble Extension 5"
 - Flex Handle 10"



26 Pc. 1/2" Drive 6 Point Metric Socket Tool Set

Cat. No.				
GL09502	0	2	11.2 kg	

CONTENTS:

- 1 - Quick-Release Ratchet
- 9 - 6pt. Metric Sockets 10, 12, 14, 16, 17, 19, 21, 22, 24 mm
- 7 - Combination Wrenches 8, 10, 12, 14, 16, 17, 19 mm
- 4 - Acetate Screwdrivers
 - Slotted 6x100mm, 6x150mm;
 - Phillips #2x100mm, #2x150mm
- 5 - Accessories
 - Wobble Extension Bar 5"
 - Flex Handle 15"
 - Long Nose Pliers 6"
 - Diagonal Pliers 6"
 - Linesman Pliers 7"



65 Pc. 1/4" and 3/8" Drive 6 Point Metric/SAE Socket Set

Cat. No.				
GL09011	0	3	10.1 kg	●

CONTENTS:

- 1 - 3/8"Dr. Quick-Release Ratchet
- 12 - 1/4"Dr. 6pt. Metric Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
- 10 - 1/4"Dr. 6pt. S.A.E. Sockets 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2"
- 18 - 1/4" Shank 25L Bits
 - Slotted 4, 5.5, 6.5 mm
 - Phillips #1, #2, #3
 - Torx® T10, T15, T20, T25, T30, T40
 - Hex 3, 4, 5, 6, 7, 8 mm
- 10 - 3/8"Dr. 6pt. Metric Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
- 8 - 3/8"Dr. 6pt. S.A.E. Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16"
- 1 - 3/8"Dr. Spark Plug Socket 16 mm
- 5 - Accessories
 - 3/8"Dr. Wobble Extension Bar 3"
 - 3/8"Dr. Universal Joint
 - 1/4" Shank x 1/4"Dr. Bit Adapter
 - 3/8" x 1/4" Adapter
 - 1/4"Dr. Spinner Handle



02

35 Pc. 1/4" and 3/8" Drive E-Torx® Socket and Wrench Set

Cat. No.				
GL09010	0	12	18.7 kg	●

CONTENTS:

- 7 - 1/4" Shank Tamper-Proof Torx® Bits T10, T15, T20, T25, T27, T30, T40
- 12 - 3/8"Dr. E-Torx® Sockets E4, E5, E6, E7, E8, E10, E11, E12, E14, E16, E18, E20
- 11 - 3/8"Dr. Torx® Bit Sockets T10, T15, T20, T25, T27, T30, T40, T45, T50, T55, T60
- 4 - E-Torx® Wrenches E6xE8, E10xE12, E14xE18, E20xE24
- 1 - 1/4" Shank x 3/8"Dr. Bit Adapter



18 Pc. 1/4" and 1/2" Drive Bit Socket Set

Cat. No.				
GL09051	0	5	10.5 kg	●

CONTENTS:

- 6 - 1/4"Dr. Bit Sockets
 - Slotted 4, 5.5, 6.5 mm;
 - Phillips #1, #2, #3
- 6 - 1/2"Dr. 50L Triple Square Bit Sockets M5, M6, M8, M10, M12, M14
- 6 - 1/2"Dr. 100L Triple Square Bit Sockets M5, M6, M8, M10, M12, M14



Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

18 Pc. 1/4" and 1/2" Drive Torx® Bit Socket Set

Cat. No.				
GL09052	0	5	9.3 kg	

CONTENTS:

- 6 - 1/4"Dr. Torx® Bit Sockets T10, T15, T20, T25, T30, T40
- 6 - 1/2"Dr. 50L Torx® Bit Sockets T30, T40, T45, T50, T55, T60
- 6 - 1/2"Dr. 100L Torx® Bit Sockets T30, T40, T45, T50, T55, T60



 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

18 Pc. 1/4" and 1/2" Drive Torx® Bit Socket Set

Cat. No.				
GL09053	0	5	9.3 kg	

CONTENTS:

- 6 - 1/4"Dr. Hex Bit Sockets 3, 4, 5, 6, 7, 8 mm
- 6 - 1/2"Dr. 50L Hex Bit Sockets 5, 6, 7, 8, 10, 12 mm
- 6 - 1/2"Dr. 100L Hex Bit Sockets 5, 6, 7, 8, 10, 12 mm



 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

76 Pc. 1/4" and 1/2" Drive 6 Point Metric Socket Wrench Set

Cat. No.				
GL09519	2	3	20.6 kg	

CONTENTS:

- 2 - 1/4", 1/2"Dr. Quick-Release Ratchets
- 7 - 1/4"Dr. 6pt. Metric Sockets 8, 9, 10, 11, 12, 13, 14 mm
- 18 - 1/4"Dr. Bit Sockets
 - Slotted 4, 5.5, 6.5 mm
 - Phillips #1, #2
 - Pozidriv #1, #2
 - Torx® T8, T10, T15,T20, T25, T30, T40
 - Hex 3, 4, 5, 6 mm
- 12 - 1/2"Dr. 6pt. Metric Sockets 8, 10, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32 mm
- 9 - Combination Wrenches 8, 10, 11, 12, 13, 14, 17, 19, 22 mm
- 15 - 5/16" Shank 30L Bits
 - Slotted 8, 10, 12 mm
 - Phillips #3, #4
 - Pozidriv #3, #4
 - Torx® T40, T45, T50, T55
 - Hex 8, 10, 12, 14 mm
- 2 - 1/2"Dr. Spark Plug Sockets 16, 21 mm
- 11 - Accessories
 - 1/4"Dr. T-Handle
 - 1/4"Dr. Flex Extension
 - 1/4"Dr. Wobble Extension Bars 2", 4"
 - 1/2"Dr. Wobble Extension Bars 5", 10"
 - 1/4", 1/2"Dr. Universal Joints
 - 1/4"Dr. Spinner Handle
 - 1/2"Dr. T-Handle
 - 5/16" Shank x 1/2"Dr. Bit Adapter



86 Pc. 1/4" and 1/2" Drive 6 Point Metric Socket Set

Cat. No.				
GL09013	0	3	19.6 kg	●

CONTENTS:

2 - 1/4", 1/2"Dr. Quick-Release Ratchets
 14 - 1/4"Dr. 6pt. Metric Sockets 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
 8 - 1/4"Dr. 6pt. Metric Deep Sockets 6, 7, 8, 9, 10, 11, 12, 13 mm
 17 - 1/4"Dr. Bit Sockets
 Slotted 4, 5.5, 6.5 mm
 Phillips #1, #2
 Pozidriv #1, #2
 Torx® T8, T10, T15, T20, T25, T30
 Hex 3, 4, 5, 6 mm
 2 - 1/2"Dr. Spark Plug Sockets 16, 21 mm
 14 - 1/2"Dr. 6pt. Metric Sockets
 10, 13, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32 mm
 4 - 1/2"Dr. 6pt. Metric Deep Sockets 14, 15, 17, 19 mm
 15 - 5/16" Shank 30L Bits
 Slotted 8, 10, 12 mm
 Phillips #3, #4
 Pozidriv #3, #4
 Torx® T40, T45, T50, T55
 Hex 8, 10, 12, 14 mm
 10 - Accessories
 1/4"Dr. T-Handle
 1/4"Dr. Wobble Extension Bars 2", 4"
 1/2"Dr. Wobble Extension Bars 5", 10"
 1/4", 1/2"Dr. Universal Joints
 3/8" x 1/2" 3-Way Adapter
 1/4"Dr. Spinner Handle
 5/16" Shank x 1/2"Dr. Bit Adapter



100 Pc. 1/4", 3/8" and 1/2" Drive 6 Point Metric Master Tool Set

Cat. No.				
GL09100	1	2	25.0 kg	●

CONTENTS:

3 - 1/4", 3/8", 1/2"Dr. Quick-Release Ratchets
 7 - 1/4"Dr. 6 pt. Metric Sockets 6, 7, 8, 10, 12, 13, 14 mm
 8 - 3/8"Dr. 6 pt. Metric Sockets 6, 8, 10, 12, 13, 14, 16, 17 mm
 5 - 3/8"Dr. 6 pt. Metric Deep Sockets 8, 10, 12, 13, 14 mm
 16 - 1/2"Dr. 6 pt. Metric Sockets 8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32 mm
 4 - 1/2"Dr. 6 pt. Metric Deep Sockets 17, 19, 21, 22 mm
 15 - Combination Wrenches 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27 mm
 1 - Linesman Pliers 8"
 1 - Slip Joint Pliers 8"
 1 - Long Nose Pliers 6"
 2 - Acetate Go-Through Screwdrivers Slotted 6 x 150 mm, Phillips #2 x 150 mm
 37 - Accessories
 1/4" Hex Shank Bit Driver
 1/4", 3/8", 1/2" Universal Joints
 1/4"Dr. Wobble Extension Bar 2"
 3/8"Dr. Wobble Extension Bars 3", 6"
 1/2"Dr. Wobble Extension Bars 5", 10"
 3/8"Dr. Spark Plug Sockets 16, 21 mm
 Automotive Circuit Tester 6V/12V/24V
 Hex Key Metric Set (7pcs) 3, 4, 5, 6, 7, 8, 10, 12 mm
 1/4" Shank 25L Bits (18pcs) Slotted 4, 5, 6.5mm; Phillips #1, #3;
 Tamper-Proof Torx® Bits T10, T15, T20, T25, T27, T30, T40;
 Pozidriv #1, #2; Hex 3, 4, 5, 6mm



120 Pc. 1/4", 3/8" and 1/2" Drive
6 Point Metric/SAE Socket Wrench Set

Cat. No.				
GL09014	0	2	18.9 kg	

CONTENTS:

- 3 - 1/4", 3/8", 1/2"Dr. Quick-Release Ratchets
- 10 - 1/4"Dr. 6pt. Metric Sockets 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 mm
- 10 - 1/4"Dr. 6pt. S.A.E. Sockets 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2"
- 4 - 1/4"Dr. 6pt. Metric Deep Sockets 8, 9, 10, 12 mm
- 11 - 3/8"Dr. 6pt. Metric Sockets 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
- 9 - 3/8"Dr. 6pt. S.A.E. Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8"
- 4 - 3/8"Dr. 6pt. Metric Deep Sockets 13, 14, 15, 17 mm
- 2 - 3/8"Dr. Spark Plug Sockets 16, 21 mm
- 17 - 3/8"Dr. Bit Sockets
 - Slotted 5.5, 6.5mm;
 - Phillips #1, #2;
 - Pozidriv #1, #2;
 - Torx® T20, T30, T40
 - Tamper-Proof Torx® T45, T50, T55, T60;
 - Hex 3, 4, 5, 6 mm
- 8 - 3/8"Dr. E-Torx® Sockets E8, E10, E11, E12, E14, E16, E18, E20
- 7 - 1/2"Dr. 6pt. Metric Sockets 20, 21, 22, 24, 27, 30, 32 mm
- 4 - 1/2"Dr. 6pt. S.A.E. Sockets 15/16, 1, 1-1/16, 1-1/4"
- 4 - 1/2"Dr. 6pt. Metric Impact Sockets 17, 19, 21, 23 mm
- 10 - Combination Wrenches 8, 9, 10, 11, 12, 13, 14, 17, 18, 19 mm
- 17 - Accessories
 - 1/4"Dr. Spinner Handle
 - 1/4"Dr. Wobble Extension Bar 2"
 - 3/8"Dr. Wobble Extension Bars 3", 6"
 - 1/2"Dr. Wobble Extension Bars 5", 10"
 - 1/4", 3/8", 1/2"Dr. Universal Joints
 - 1/4" Shank x 1/4"Dr. Bit Adapter
 - 1/4" Shank 25L Tamper-Proof Torx® Bits T10, T15, T20, T25, T27, T30, T40



122 Pc. 1/4", 3/8" and 1/2" Drive
6 Point Metric/SAE Socket Wrench Set

Cat. No.				
GL09014A	0	2	21.7 kg	

CONTENTS:

- 3 - 1/4", 3/8", 1/2"Dr. Quick-Release Ratchets
- 10 - 1/4"Dr. 6pt. Metric Sockets 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 mm
- 4 - 1/4"Dr. 6pt. Metric Deep Sockets 8, 9, 10, 12 mm
- 11 - 3/8"Dr. 6pt. Metric Sockets 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
- 4 - 3/8"Dr. 6pt. Metric Deep Socket 13, 14, 15, 17 mm
- 8 - 3/8"Dr. E-Torx® Sockets E8, E10, E11, E12, E14, E16, E18, E20
- 17 - 3/8"Dr. Bit Sockets
 - Slotted 5.5, 6.5 mm;
 - Phillips #1, #2; Torx® T20, T30, T40;
 - Tamper-Proof Torx® T45, T50, T55, T60; Hex 3, 4, 5, 6 mm;
 - Pozidriv #1, #2, #3
- 2 - 3/8"Dr. Spark Plug Sockets 16, 21 mm
- 7 - 1/2"Dr. 6pt. Metric Sockets 20, 21, 22, 24, 27, 30, 32 mm
- 1 - 1/2"Dr. Triple Square Bit Socket M10
- 11 - Combination Wrenches 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19 mm
- 1 - X-BEAM® Combination Wrench 13 mm
- 2 - Acetate Go-Through Screwdrivers
 - Slotted 6 x 100 mm;
 - Phillipos #2 x 100 mm
- 41 - Accessories
 - 1/4"Dr. Spinner Handle
 - 1/4"Dr. Wobble Extension Bar 2"
 - 3/8"Dr. Wobble Extension Bars 3", 6"
 - 1/2"Dr. Wobble Extension Bars 5", 10"
 - 1/4", 3/8", 1/2"Dr. Universal Joints
 - 3/8"F x 1/4"M, 3/8"F x 1/2"M Adapters
 - 1/4" Shank x 1/4"Dr. Bit Adapter

- 1/4" Shank Bits
 - Slotted 4, 5, 6.5 mm;
 - Phillips #1, #3;
 - Tamper-Proof Torx® T10, T15, T20, T25, T27, T30, T40;
 - Hex 3, 4, 5, 6 mm; Pozidriv #1, #2
- Hex Key Set (9pcs) 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm
- Circuit Tester
- Universal 3-Way Oil Filter Wrench 63-102 mm



150 Pc. 1/4", 3/8" and 1/2" Drive 6 and 12 Point Metric/SAE Socket Wrench Set

Cat. No.				
GL09510	0	1	14 kg	●

CONTENTS:

- 3 - 1/4", 3/8", 1/2"Dr. Quick-Release Ratchets
- 10 - 1/4"Dr. 6pt. Metric Sockets 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 mm
- 10 - 1/4"Dr. 6pt. S.A.E. Sockets 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2"
- 6 - 1/4"Dr. 6pt. Metric Deep Sockets 4, 5, 6, 7, 8, 9 mm
- 11 - 3/8"Dr. 6pt. Metric Sockets 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
- 9 - 3/8"Dr. 6pt. S.A.E. Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8"
- 6 - 3/8"Dr. 6pt. Metric Deep Sockets 10, 11, 12, 13, 14, 15 mm
- 2 - 3/8"Dr. Spark Plug Sockets 16, 21 mm
- 22 - 3/8"Dr. Bit Sockets
 - Slotted 4, 5.5, 6.5 mm;
 - Phillips #1, #2, #3; Pozidriv #1, #2, #3
 - Torx® T20, T30, T40;
 - Tamper-Proof Torx® T45, T50, T55, T60;
 - Hex 3, 4, 5, 6, 8, 10 mm
- 8 - 3/8"Dr. 6pt. E-Torx® Sockets E8, E10, E11, E12, E14, E16, E18, E20
- 4 - 1/2"Dr. 6pt. Metric Impact Sockets 17, 19, 21, 23 mm
- 7 - 1/2"Dr. 12pt. Metric Sockets 20, 21, 22, 24, 27, 30, 32 mm
- 4 - 1/2"Dr. 12pt. S.A.E. Sockets 15/16, 1, 1-1/16, 1-1/4"
- 6 - 1/2"Dr. 6pt. Metric Deep Sockets 10, 12, 13, 14, 17, 19 mm
- 12 - Combination Wrenches 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
- 3 - Double Box Ratcheting Wrenches 8x10, 12x13, 17x19 mm
- 27 - Accessories
 - 1/4"Dr. Bit Adapter
 - 1/4"Dr. Spinner Handle
 - 1/4"Dr. Wobble Extension Bar 4"
 - 3/8"Dr. Locking Extension Bars 3", 6"
 - 1/2"Dr. Wobble Extension Bar 5"
 - 1/2"Dr. Locking Extension Bar 10"

- 1/4", 3/8", 1/2"Dr. Universal Joints
- 1/4" Shank Tamper-Proof Torx® Bits T10, T15, T20, T25, T27, T30, T40
- Hex Key Metric Set (10pcs) 1.5, 2, 2.5, 3, 4, 5, 5.5, 6, 8, 10 mm



02

15 Pc. 3/4" Drive 12 Point Metric Socket Set

Cat. No.				
GL09015	0	1	15.4 kg	●

CONTENTS:

- 1 - Quick-Release Ratchet
- 10 - 12pt. Metric Sockets 30, 32, 34, 36, 38, 41, 46, 50, 55, 60 mm
- 4 - Accessories
 - T-Handle
 - Extensions Bars 4", 8"
 - Universal Joint



3 Pc. L-Shaped Wheel Wrench Set

Cat. No.				
GL09531	10	10	12.3 kg	●

CONTENTS:

- 13920 - 1/2"Dr. Offset Handle 345mm
- 13921 - 1/2"Dr. Dual Head Socket 17x19mm
- 13922 - 1/2"Dr. Dual Head Socket 21x23mm



1/4" Drive 6 Point Metric Standard Length Sockets

Cat. No.	Fastener Size	Dimension. A: Drive End	Dimension. B: Wrench End	Dimension. C: Overall Length				
GL11301	3.5 mm	11.8 mm	6.1 mm	24.5 mm	12	384	7.1 kg	○
GL11302	4 mm	11.8 mm	6.7 mm	24.5 mm	12	384	7.1 kg	○
GL11303	4.5 mm	11.8 mm	7.3 mm	24.5 mm	12	384	7.1 kg	○
GL11304	5 mm	11.8 mm	8.0 mm	24.5 mm	12	384	7.1 kg	○
GL11305	5.5 mm	11.8 mm	8.6 mm	24.5 mm	12	384	7.1 kg	●
GL11306	6 mm	11.8 mm	9.2 mm	24.5 mm	12	384	7.3 kg	●
GL11307	7 mm	11.8 mm	10.7 mm	24.5 mm	12	384	7.3 kg	●
GL11308	8 mm	11.8 mm	11.8 mm	24.5 mm	12	384	7.3 kg	●
GL11309	9 mm	13.1 mm	13.1 mm	24.5 mm	12	168	4.1 kg	●
GL11310	10 mm	14.3 mm	14.3 mm	24.5 mm	12	168	4.4 kg	●
GL11311	11 mm	15.8 mm	15.8 mm	24.5 mm	6	84	3.1 kg	●
GL11312	12 mm	16.8 mm	16.8 mm	24.5 mm	6	84	3.2 kg	●
GL11313	13 mm	17.9 mm	17.9 mm	24.5 mm	6	84	3.6 kg	●
GL11314	14 mm	19.5 mm	19.5 mm	24.5 mm	6	84	4 kg	●

- Made of Chrome Vanadium steel
- Double Line (SAE) & Knurled Line (MM) to easily identify Standard vs. Metric Sockets
- Surface Drive® Technology - Radius corner design provides 15%-20% more torque, extends fastener life and reduces slippage
- Manufactured to industrial specifications assuring a thin wall design with precise nut end dimensions
- Specifically heat treated for the correct balance of strength and durability



ANSI B107.5M

DIN 3124

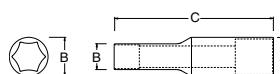


These sockets should never be used on power drivers, pneumatic impact wrench and/or extenders.

1/4" Drive 6 Point Metric Deep Sockets

Cat. No.	Fastener Size	Dimension. A: Drive End	Dimension. B: Wrench End	Dimension. C: Overall Length				
GL11401	4 mm	11.9 mm	6.7 mm	49 mm	12	396	10.3 kg	●
GL11402	5 mm	11.9 mm	8.0 mm	49 mm	12	396	10.9 kg	●
GL11403	6 mm	11.9 mm	9.2 mm	49 mm	12	396	11.4 kg	●
GL11404	7 mm	11.9 mm	10.8 mm	49 mm	12	396	12.5 kg	●
GL11405	8 mm	11.9 mm	11.9 mm	49 mm	12	396	12.5 kg	●
GL11406	9 mm	13.1 mm	13.1 mm	49 mm	6	84	3.4 kg	●
GL11407	10 mm	14.6 mm	14.6 mm	49 mm	6	84	3.3 kg	●
GL11408	11 mm	15.9 mm	15.9 mm	49 mm	6	84	5.1 kg	●
GL11409	12 mm	16.9 mm	16.9 mm	49 mm	6	84	5.4 kg	●
GL11410	13 mm	17.9 mm	17.9 mm	49 mm	6	72	5 kg	●

- Made of Chrome Vanadium steel
- Double Line (SAE) & Knurled Line (MM) to easily identify Standard vs. Metric Sockets
- Surface Drive® Technology - Radius corner design provides 15%-20% more torque, extends fastener life and reduces slippage
- Manufactured to industrial specifications assuring a thin wall design with precise nut end dimensions
- Specifically heat treated for the correct balance of strength and durability



ANSI B107.5M

DIN 3124



These sockets should never be used on power drivers, pneumatic impact wrench and/or extenders.

1/4" Drive Quick-Release Ratchet

Cat. No.	Overall Length				
GL11905	143 mm	4	24	4.2 kg	

- Made of Chrom Vanadium steel
- Convenient single hand direction change switch
- Quick-release capability to easily eject an engaged socket even under slippery conditions

ANSI B107.10M

DIN 3122



1/4" Drive Quick-Release Round Head Ratchet

Cat. No.	Overall Length				
GL11901	142 mm	4	24	4.2 kg	

- Made of Chrome Vanadium steel
- Quick-release capability to easily eject an engaged socket even under slippery conditions.

ANSI B107.10M

DIN 3122



1/4" Drive Quick-Release Ratchet

Cat. No.	Overall Length				
GL11906	143 mm	4	24	4.1 kg	

- Made of Chrome Vanadium steel
- Convenient single hand direction change switch
- Quick-release capability to easily eject an engaged socket even under slippery conditions

ANSI B107.10M

DIN 3122



1/4" Drive Heavy Duty Offset Quick-Release Teardrop Ratchet

Cat. No.	Overall Length				
GL11970	153 mm	4	24	4.2 kg	

- Made of Chrome Vanadium steel
- Convenient single hand direction change switch
- Quick-release capability to easily eject an engaged socket even under slippery conditions

ANSI B107.10M

DIN 3122



1/4" Drive Flex Handle / Breaker Bar

Cat. No.	Overall Length				
GL11909	140 mm	6	36	5.2 kg	

- Made of Chrome Vanadium steel
- Flex head drive for multiple angles of use

ANSI B107.10M

DIN 3122



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

1/4" Drive T-Handle

Cat. No.	Overall Length				
GL11910	100 mm	6	36	2.7 kg	

- Made of Chrome Vanadium steel

ANSI B107.10M

DIN 3122



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

1/4" Drive Spinner Handle

Cat. No.		Overall Length					
GL11911	150 mm	6	36	5 kg			
• Made of Chrome Vanadium steel • High impact plastic handle • Handle end has female 1/4" square drive for use with 1/4" square drive male accessories		ANSI B107.10M		DIN 3122			
							

1/4" Drive Universal Joint

Cat. No.	Female Drive Size	Male Drive Size	Overall Length				
GL11912	1/4 in	1/4 in	34.7 mm	12	168	6.8 kg	
· Made of Chrome Vanadium steel				ANSI B107.10M		DIN 3123	
							
 These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.							

1/4" Drive Adapter

Cat. No.	Female Drive Size	Male Drive Size	Overall Length				
GL11913	1/4 in	3/8 in	25.5 mm	12	384	9.7 kg	
· Made of Chrome Vanadium steel				ANSI B107.10M		DIN 3123	
							
 These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.							

1/4" Drive Bit Adapter

Cat. No.	Size				
GL11914	1/4 in	12	384	9.7 kg	
· Made of Chrome Vanadium steel		ANSI B107.10M			
					
 These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.					

1/4" Drive Flex Extension

Cat. No.	Overall Length				
GL11922	150 mm	6	36	3.6 kg	
• Made of Chrome Vanadium steel					
					

1/4" Drive Wobble Extensions

Cat. No.	Size	Overall Length				
GL11903	2 in	50 mm	12	396	12 kg	●
GL11904	4 in	100 mm	12	72	4.6 kg	●

- Made of Chrome Vanadium steel	ANSI B107.10M	DIN 3123





These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

3/8" Drive 6 Point Metric Standard Length Sockets

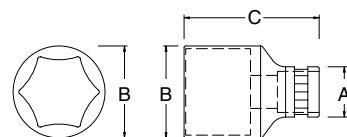
Cat. No.	Fastener Size	Dimension. A: Drive End	Dimension. B: Wrench End	Dimension. C: Overall Length				
GL12301	6 mm	17 mm	9.3 mm	25 mm	6	192	5.5 kg	○
GL12302	7 mm	17 mm	10.8 mm	25 mm	6	192	5.7 kg	○
GL12303	8 mm	17 mm	12 mm	25 mm	6	192	5.8 kg	●
GL12304	9 mm	17 mm	12.9 mm	25 mm	6	192	6 kg	●
GL12305	10 mm	17 mm	14.5 mm	25 mm	6	192	6 kg	●
GL12306	11 mm	17 mm	15.8 mm	25 mm	6	192	6 kg	●
GL12307	12 mm	17 mm	17 mm	25 mm	6	192	6.3 kg	●
GL12308	13 mm	18.3 mm	18.3 mm	25 mm	6	84	3.6 kg	●
GL12309	14 mm	19.5 mm	19.5 mm	25 mm	6	84	3.8 kg	●
GL12310	15 mm	20.8 mm	20.8 mm	25 mm	6	84	4 kg	●
GL12311	16 mm	22 mm	22 mm	25 mm	6	84	4.4 kg	●
GL12312	17 mm	23.3 mm	23.3 mm	25 mm	6	72	4.3 kg	●
GL12313	18 mm	23.8 mm	23.8 mm	25 mm	6	72	4.4 kg	●
GL12314	19 mm	25.5 mm	25.5 mm	25 mm	6	72	4.5 kg	●
GL12315	20 mm	27 mm	27 mm	28 mm	4	48	4 kg	●
GL12316	21 mm	27.9 mm	27.9 mm	28 mm	4	48	4.1 kg	●
GL12317	22 mm	29.5 mm	29.5 mm	28 mm	4	48	4.8 kg	●
GL12318	24 mm	31.9 mm	31.9 mm	28 mm	4	48	4.9 kg	●

- Made of Chrome Vanadium steel
- Double Line (SAE) & Knurled Line (MM) to easily identify Standard vs. Metric Sockets
- Surface Drive® Technology - Radius corner design provides 15%-20% more torque, extends fastener life and reduces slippage
- Manufactured to industrial specifications assuring a thin wall design with precise nut end dimensions
- Specifically heat treated for the correct balance of strength and durability



ANSI B107.5M

DIN 3124

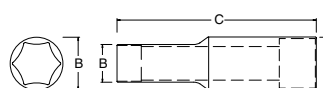


These sockets should never be used on power drivers, pneumatic impact wrench and/or extenders.

3/8" Drive 6 Point Metric Deep Sockets

Cat. No.	Fastener Size	Dimension. A: Drive End	Dimension. B: Wrench End	Dimension. C: Overall Length				
GL12401	8 mm	16.8 mm	12 mm	63.5 mm	6	198	10.9 kg	○
GL12402	9 mm	16.8 mm	12.9 mm	63.5 mm	6	198	10.9 kg	○
GL12403	10 mm	16.8 mm	14.5 mm	63.5 mm	6	198	10.9 kg	○
GL12404	11 mm	16.8 mm	15.8 mm	63.5 mm	6	198	11.3 kg	○
GL12405	12 mm	16.8 mm	16.8 mm	63.5 mm	6	198	12.5 kg	○
GL12406	13 mm	18.8 mm	18.8 mm	63.5 mm	6	72	6.2 kg	○
GL12407	14 mm	19.5 mm	19.5 mm	63.5 mm	6	72	6.5 kg	○
GL12408	15 mm	20.8 mm	20.8 mm	63.5 mm	6	72	7.2 kg	○
GL12409	16 mm	22 mm	22 mm	63.5 mm	6	72	7.3 kg	○
GL12410	17 mm	23.8 mm	23.8 mm	63.5 mm	6	72	9.7 kg	○
GL12411	18 mm	23.8 mm	23.8 mm	63.5 mm	6	72	9.9 kg	○
GL12412	19 mm	25.5 mm	25.5 mm	63.5 mm	6	72	11.6 kg	○
GL12413	20 mm	27 mm	27 mm	63.5 mm	4	48	9.1 kg	○
GL12414	21 mm	27.8 mm	27.8 mm	63.5 mm	4	48	9.8 kg	○
GL12415	22 mm	29.5 mm	29.5 mm	63.5 mm	4	48	10.3 kg	○

- Made of Chrome Vanadium steel
- Double Line (SAE) & Knurled Line (MM) to easily identify Standard vs. Metric Sockets
- Surface Drive® Technology - Radius corner design provides 15%-20% more torque, extends fastener life and reduces slippage
- Manufactured to industrial specifications assuring a thin wall design with precise nut end dimensions
- Specifically heat treated for the correct balance of strength and durability



ANSI B107.5M

DIN 3124



These sockets should never be used on power drivers, pneumatic impact wrench and/or extenders.

3/8" Drive 12 Point Metric Standard Length Sockets

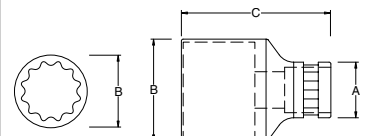
Cat. No.	Fastener Size	Dimension. A: Drive End	Dimension. B: Wrench End	Dimension. C: Overall Length				
GL12601	8 mm	17 mm	12 mm	25 mm	6	192	5.8 kg	
GL12602	9 mm	17 mm	12.9 mm	25 mm	6	192	6 kg	
GL12603	10 mm	17 mm	14.5 mm	25 mm	6	192	6 kg	
GL12604	11 mm	17 mm	15.8 mm	25 mm	6	192	6 kg	
GL12605	12 mm	17 mm	17 mm	25 mm	6	192	6.3 kg	
GL12606	13 mm	18.3 mm	18.3 mm	25 mm	6	84	3.6 kg	
GL12607	14 mm	19.5 mm	19.5 mm	25 mm	6	84	3.8 kg	
GL12608	15 mm	20.8 mm	20.8 mm	25 mm	6	84	4 kg	
GL12609	16 mm	22 mm	22 mm	25 mm	6	84	4.4 kg	
GL12610	17 mm	23.3 mm	23.3 mm	25 mm	6	72	4.3 kg	
GL12611	18 mm	23.8 mm	23.8 mm	25 mm	6	72	4.4 kg	
GL12612	19 mm	25.5 mm	25.5 mm	25 mm	6	72	4.5 kg	
GL12613	20 mm	27 mm	27 mm	28 mm	4	48	4 kg	
GL12614	21 mm	27.9 mm	27.9 mm	28 mm	4	48	4.1 kg	
GL12615	22 mm	29.5 mm	29.5 mm	28 mm	4	48	4.8 kg	
GL12616	24 mm	31.9 mm	31.9 mm	28 mm	4	48	4.9 kg	

- Made of Chrome Vanadium steel
- Double Line (SAE) & Knurled Line (MM) to easily identify Standard vs. Metric Sockets
- Surface Drive® Technology - Radius corner design provides 15%-20% more torque, extends fastener life and reduces slippage
- Manufactured to industrial specifications assuring a thin wall design with precise nut end dimensions
- Specifically heat treated for the correct balance of strength and durability



ANSI B107.5M

DIN 3124



These sockets should never be used on power drivers, pneumatic impact wrench and/or extenders.

3/8" Drive External Torx® Sockets

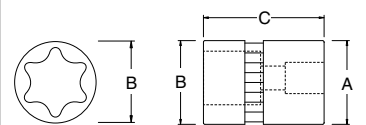
Cat. No.	Fastener Size	Dimension. A: Drive End	Dimension. B: Wrench End	Dimension. C: Overall Length				
GL12701	E4	17 mm	7 mm	26 mm	6	192	3.9 kg	
GL12702	E5	17 mm	8 mm	26 mm	6	192	3.9 kg	
GL12703	E6	17 mm	8 mm	26 mm	6	192	3.9 kg	
GL12704	E7	17 mm	9 mm	26 mm	6	192	3.9 kg	
GL12705	E8	17 mm	10.5 mm	26 mm	6	192	4.6 kg	
GL12706	E10	17 mm	13 mm	26 mm	6	192	5.6 kg	
GL12707	E11	17 mm	14 mm	26 mm	6	192	5.6 kg	
GL12708	E12	17 mm	15 mm	26 mm	6	192	6.5 kg	
GL12709	E14	18.3 mm	18.3 mm	28.5 mm	6	84	4.7 kg	
GL12710	E16	18.3 mm	18.3 mm	28.5 mm	6	84	5 kg	
GL12711	E18	19.5 mm	19.5 mm	28.5 mm	6	84	5 kg	
GL12712	E20	22 mm	22 mm	30.5 mm	6	84	6.1 kg	

- Made of Chrome Vanadium steel
- Surface Drive® Technology - Radius corner design provides 15%-20% more torque, extends fastener life and reduces slippage
- Manufactured to industrial specifications assuring a thin wall design with precise nut end dimensions
- Specifically heat treated for the correct balance of strength and durability



ANSI B107.5M

DIN 3124



These sockets should never be used on power drivers, pneumatic impact wrench and/or extenders.

3/8" Drive Quick-Release Ratchet

Cat. No.	Overall Length				
GL12971	200 mm	4	24	7.7 kg	

- Made of Chrome Vanadium steel
- Convenient single hand direction change switch
- Quick-release capability to easily eject an engaged socket even under slippery conditions

ANSI B107.10M

DIN 3122



3/8" Drive Quick-Release Round Head Ratchett

Cat. No.	Overall Length				
GL12901	197 mm	4	24	8.3 kg	

- Made of Chrome Vanadium steel
- Convenient single hand direction change switch
- Quick-release capability to easily eject an engaged socket even under slippery conditions

ANSI B107.10M

DIN 3122



3/8" Drive Quick-Release Ratchet

Cat. No.	Overall Length				
GL12972	200 mm	4	24	7.3 kg	

- Made of Chrome Vanadium steel
- Convenient single hand direction change switch
- Quick-release capability to easily eject an engaged socket even under slippery conditions

ANSI B107.10M

DIN 3122



3/8" Drive Heavy Duty Offset Quick-Release Teardrop Ratchet

Cat. No.	Overall Length				
GL12970	217 mm	4	24	4.2 kg	

- Made of Chrome Vanadium steel
- Convenient single hand direction change switch
- Quick-release capability to easily eject an engaged socket even under slippery conditions

ANSI B107.10M

DIN 3122



3/8" Drive Flex Handle / Breaker Bar

Cat. No.	Overall Length				
GL12909	213 mm	6	36	10.6 kg	

- Made of Chrome Vanadium steel
- Flex head drive for multiple angles of use

ANSI B107.10M

DIN 3122



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

3/8" Drive T-Handle

Cat. No.	Overall Length				
GL12910	247 mm	6	36	6.4 kg	

- Made of Chrome Vanadium steel

ANSI B107.10M

DIN 3122



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

3/8" Drive Offset Flex Quick-Release Teardrop Ratchet

Cat. No.	Overall Length				
GL12911	275 mm	4	24	10.7 kg	

· Made of Chrome Vanadium steel

ANSI B107.10M

DIN 3122



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

3/8" Drive Universal Joint

Cat. No.	Female Drive Size	Male Drive Size	Overall Length				
GL12912	3/8 in	3/8 in	51.2 mm	6	72	10.7 kg	

· Made of Chrome Vanadium steel

ANSI B107.10M

DIN 3123



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

3/8" Drive Adapters

Cat. No.	Female Drive Size	Male Drive Size	Overall Length				
GL12913	3/8 in	1/4 in	25.6 mm	6	192	8.4 kg	
GL12914	3/8 in	1/2 in	25.7 mm	6	84	6.1 kg	

· Made of Chrome Vanadium steel

ANSI B107.10M

DIN 3123



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

3/8" Drive Bit Adapter

Cat. No.	Size				
GL12917	1/4 in	6	192	9.1 kg	

· Made of Chrome Vanadium steel

ANSI B107.10M

DIN 3123



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

3/8" Drive Wobble Extensions

Cat. No.	Size	Overall Length				
GL12903	3 in	75 mm	6	72	6.4 kg	
GL12904	6 in	150 mm	6	36	6.2 kg	
GL12905	10 in	250 mm	6	36	9.5 kg	

· Made of Chrome Vanadium steel

ANSI B107.10M

DIN 3123



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

3/8" Drive Locking Extensions

Cat. No.	Size	Overall Length				
GL12906	3 in	75 mm	6	72	6.7 kg	
GL12907	6 in	150 mm	6	36	6.1 kg	
GL12908	10 in	250 mm	6	36	9.3 kg	

· Made of Chrome Vanadium steel

ANSI B107.10M

DIN 3123



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

3/8" Drive Flex Extension

Cat. No.	Overall Length				
GL12922	200 mm	6	36	5.8 kg	

• Made of Chrome Vanadium steel



3/8" Drive Metric Spark Plug Sockets

Cat. No.	Fastener Size				
GL12915	16 mm	6	72	8.3 kg	
GL12916	21 mm	6	72	12 kg	

• Made of Chrome Vanadium steel

ANSI B107.34M



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

3/8" Drive 3-Way Adapter

Cat. No.	Female Drive Size	Male Drive Size	Overall Length				
GL12930	3/8 in	1/2 in	43.6 mm	6	72	8.1 kg	

• Made of Chrome Vanadium steel

ANSI B107.10M

DIN 3122



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.



1/2" Drive 6 Point Metric Standard Length Sockets

Cat. No.	Fastener Size	Dimension. A: Drive End	Dimension. B: Wrench End	Dimension. C: Overall Length				
GL13319	8 mm	22.2 mm	13.3 mm	38 mm	6	84	4.9 kg	
GL13320	9 mm	22.2 mm	14.3 mm	38 mm	6	84	4.9 kg	
GL13301	10 mm	22.2 mm	15.3 mm	38 mm	6	84	4.9 kg	
GL13302	11 mm	22.2 mm	16.5 mm	38 mm	6	84	4.9 kg	
GL13303	12 mm	22.2 mm	17.8 mm	38 mm	6	84	5.2 kg	
GL13304	13 mm	22.2 mm	19 mm	38 mm	6	84	5.2 kg	
GL13305	14 mm	22.2 mm	20.3 mm	38 mm	6	84	5.4 kg	
GL13306	15 mm	22.2 mm	22.2 mm	38 mm	6	84	5.7 kg	
GL13307	16 mm	22.2 mm	22.2 mm	38 mm	6	84	5.7 kg	
GL13308	17 mm	23.9 mm	23.9 mm	38 mm	6	72	5.8 kg	
GL13309	18 mm	24.9 mm	24.9 mm	38 mm	6	72	6.1 kg	
GL13310	19 mm	25.9 mm	25.9 mm	38 mm	6	72	6.1 kg	
GL13311	20 mm	27.8 mm	27.8 mm	38 mm	4	48	5.2 kg	
GL13312	21 mm	27.9 mm	27.9 mm	38 mm	4	48	5.9 kg	
GL13313	22 mm	29.9 mm	29.9 mm	38 mm	4	48	5.9 kg	
GL13314	23 mm	31.9 mm	31.9 mm	38 mm	4	48	6.5 kg	
GL13315	24 mm	31.9 mm	31.9 mm	38 mm	4	48	6.5 kg	
GL13316	27 mm	35.9 mm	35.9 mm	40 mm	4	48	8.7 kg	
GL13317	30 mm	39.9 mm	39.9 mm	42 mm	2	24	5.2 kg	
GL13318	32 mm	41.9 mm	41.9 mm	42 mm	2	24	6.1 kg	
GL13321	34 mm	43.9 mm	43.9 mm	43 mm	2	24	7.6 kg	

• Made of Chrome Vanadium steel

• Double Line (SAE) & Knurled Line (MM) to easily identify Standard vs. Metric Sockets

• Surface Drive® Technology - Radius corner design provides 15%-20% more torque, extends fastener life and reduces slippage

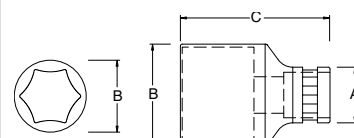
• Manufactured to industrial specifications assuring a thin wall design with precise nut end dimensions

• Specifically heat treated for the correct balance of strength and durability



ANSI B107.5M

DIN 3124

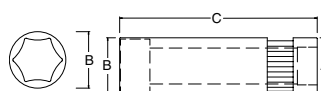


These sockets should never be used on power drivers, pneumatic impact wrench and/or extenders.

1/2" Drive 6 Point Metric Deep Sockets

Cat. No.	Fastener Size	Dimension. A: Drive End	Dimension. B: Wrench End	Dimension. C: Overall Length				
GL13401	10 mm	22 mm	15.3 mm	77 mm	6	72	7.5 kg	●
GL13402	11 mm	22 mm	16.5 mm	77 mm	6	72	8.2 kg	●
GL13403	12 mm	22 mm	17.8 mm	77 mm	6	72	8.6 kg	●
GL13404	13 mm	22 mm	19 mm	77 mm	6	72	8.6 kg	●
GL13405	14 mm	22 mm	20.3 mm	77 mm	6	72	8.9 kg	●
GL13406	15 mm	22 mm	21.4 mm	77 mm	6	72	8.9 kg	●
GL13407	16 mm	22 mm	22 mm	77 mm	6	72	8.9 kg	●
GL13408	17 mm	23.8 mm	23.8 mm	77 mm	6	72	10.5 kg	●
GL13409	18 mm	24.8 mm	24.8 mm	77 mm	6	72	12.4 kg	●
GL13410	19 mm	25.8 mm	25.8 mm	77 mm	6	72	12.4 kg	●
GL13411	20 mm	27.8 mm	27.8 mm	77 mm	4	48	10.1 kg	●
GL13412	21 mm	27.8 mm	27.8 mm	77 mm	4	48	10.1 kg	●
GL13413	22 mm	29.8 mm	29.8 mm	77 mm	4	48	11.3 kg	●
GL13414	24 mm	31.8 mm	31.8 mm	77 mm	4	48	12.2 kg	●
GL13415	27 mm	35.8 mm	35.8 mm	77 mm	4	48	17 kg	●
GL13416	30 mm	39.8 mm	39.8 mm	77 mm	2	24	9.5 kg	●
GL13417	32 mm	41.8 mm	41.8 mm	77 mm	2	24	10.3 kg	●

- Made of Chrome Vanadium steel
- Double Line (SAE) & Knurled Line (MM) to easily identify Standard vs. Metric Sockets
- Surface Drive® Technology - Radius corner design provides 15%-20% more torque, extends fastener life and reduces slippage
- Manufactured to industrial specifications assuring a thin wall design with precise nut end dimensions
- Specifically heat treated for the correct balance of strength and durability



ANSI B107.5M

DIN 3124

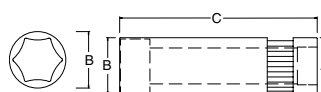


These sockets should never be used on power drivers, pneumatic impact wrench and/or extenders.

1/2" Drive 12 Point Metric Deep Sockets

Cat. No.	Fastener Size	Dimension. A: Drive End	Dimension. B: Wrench End	Dimension. C: Overall Length				
GL13810	10 mm	22 mm	15.3 mm	77 mm	6	84	4.9 kg	○
GL13812	12 mm	22 mm	17.8 mm	77 mm	6	84	4.9 kg	○
GL13813	13 mm	22 mm	19 mm	77 mm	6	84	4.9 kg	○
GL13814	14 mm	22 mm	20.3 mm	77 mm	6	84	5.2 kg	○
GL13816	16 mm	22 mm	22 mm	77 mm	6	84	5.2 kg	○
GL13817	17 mm	23.8 mm	23.8 mm	77 mm	6	84	5.2 kg	○
GL13818	18 mm	24.8 mm	24.8 mm	77 mm	6	84	5.2 kg	○
GL13819	19 mm	25.8 mm	25.8 mm	77 mm	6	84	5.4 kg	○

- Made of Chrome Vanadium steel
- Double Line (SAE) & Knurled Line (MM) to easily identify Standard vs. Metric Sockets
- Surface Drive® Technology - Radius corner design provides 15%-20% more torque, extends fastener life and reduces slippage
- Manufactured to industrial specifications assuring a thin wall design with precise nut end dimensions
- Specifically heat treated for the correct balance of strength and durability



ANSI B107.5M

DIN 3124



These sockets should never be used on power drivers, pneumatic impact wrench and/or extenders.

1/2" Drive 12 Point Metric Standard Length Sockets

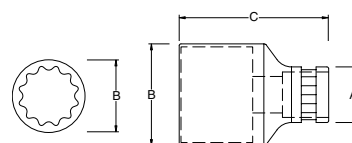
Cat. No.	Fastener Size	Dimension. A: Drive End	Dimension. B: Wrench End	Dimension. C: Overall Length				
GL13619	8 mm	22.2 mm	13.3 mm	38 mm	6	84	4.9 kg	●
GL13620	9 mm	22.2 mm	14.3 mm	38 mm	6	84	4.9 kg	●
GL13601	10 mm	22.2 mm	15.3 mm	38 mm	6	84	4.9 kg	●
GL13602	11 mm	22.2 mm	16.5 mm	38 mm	6	84	5.2 kg	●
GL13603	12 mm	22.2 mm	17.8 mm	38 mm	6	84	5.2 kg	●
GL13604	13 mm	22.2 mm	19 mm	38 mm	6	84	5.2 kg	●
GL13605	14 mm	22.2 mm	20.3 mm	38 mm	6	84	5.4 kg	●
GL13606	15 mm	22.2 mm	22.2 mm	38 mm	6	84	5.8 kg	●
GL13607	16 mm	22.2 mm	22.2 mm	38 mm	6	84	5.8 kg	●
GL13608	17 mm	23.9 mm	23.9 mm	38 mm	6	72	5.8 kg	●
GL13609	18 mm	24.9 mm	24.9 mm	38 mm	6	72	6.1 kg	●
GL13610	19 mm	25.9 mm	25.9 mm	38 mm	6	72	6.1 kg	●
GL13611	20 mm	27.8 mm	27.8 mm	38 mm	4	48	5.2 kg	●
GL13612	21 mm	27.9 mm	27.9 mm	38 mm	4	48	5.9 kg	●
GL13613	22 mm	29.9 mm	29.9 mm	38 mm	4	48	5.9 kg	●
GL13614	23 mm	31.9 mm	31.9 mm	38 mm	4	48	6.5 kg	●
GL13615	24 mm	31.9 mm	31.9 mm	38 mm	4	48	6.5 kg	●
GL13616	27 mm	35.9 mm	35.9 mm	40 mm	4	48	8.7 kg	●
GL13617	30 mm	39.9 mm	39.9 mm	42 mm	2	24	5.2 kg	●
GL13618	32 mm	41.9 mm	41.9 mm	42 mm	2	24	6.1 kg	●

- Made of Chrome Vanadium steel
- Double Line (SAE) & Knurled Line (MM) to easily identify Standard vs. Metric Sockets
- Surface Drive® Technology - Radius corner design provides 15%-20% more torque, extends fastener life and reduces slippage
- Manufactured to industrial specifications assuring a thin wall design with precise nut end dimensions
- Specifically heat treated for the correct balance of strength and durability



ANSI B107.5M

DIN 3124

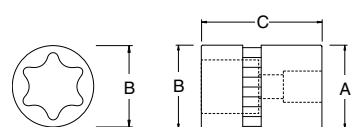


These sockets should never be used on power drivers, pneumatic impact wrench and/or extenders.

1/2" Drive External Torx® Sockets

Cat. No.	Fastener Size	Dimension. A: Drive End	Dimension. B: Wrench End	Dimension. C: Overall Length				
GL13701	E10	22 mm	13 mm	38 mm	6	84	5.2 kg	○
GL13702	E12	22 mm	15 mm	38 mm	6	84	5.4 kg	○
GL13703	E14	22 mm	17 mm	38 mm	6	84	5.7 kg	○
GL13704	E16	22 mm	19 mm	38 mm	6	84	5.7 kg	○
GL13705	E18	23.8 mm	21 mm	38 mm	6	72	6.1 kg	○
GL13706	E18	25.8 mm	23.5 mm	38 mm	4	48	5.9 kg	○
GL13707	E22	25.8 mm	25.8 mm	38 mm	4	48	6.5 kg	○
GL13708	E24	27.8 mm	27.8 mm	40 mm	4	48	6.5 kg	○

- Made of Chrome Vanadium steel
- Surface Drive® Technology - Radius corner design provides 15%-20% more torque, extends fastener life and reduces slippage
- Manufactured to industrial specifications assuring a thin wall design with precise nut end dimensions
- Specifically heat treated for the correct balance of strength and durability



These sockets should never be used on power drivers, pneumatic impact wrench and/or extenders.

1/2" Drive Quick-Release Ratchet

Cat. No.	Overall Length				
GL13971	250 mm	4	24	12.8 kg	●

- Made of Chrome Vanadium steel
- Convenient single hand direction change switch
- Quick-release capability to easily eject an engaged socket even under slippery conditions

ANSI B107.10M

DIN 3122



1/2" Drive Quick-Release Round Head Ratchet

Cat. No.	Overall Length				
GL13901	244 mm	4	24	15.8 kg	●

- Made of Chrome Vanadium steel
- Quick-release capability to easily eject an engaged socket even under slippery conditions

ANSI B107.10M

DIN 3122



1/2" Drive Quick-Release Ratchet

Cat. No.	Overall Length				
GL13972	250 mm	4	24	14.8 kg	●

- Made of Chrome Vanadium steel
- Convenient single hand direction change switch
- Quick-release capability to easily eject an engaged socket even under slippery conditions

ANSI B107.10M

DIN 3122



1/2" Drive Heavy Duty Offset Quick-Release Teardrop Ratchet

Cat. No.	Overall Length				
GL13970	261 mm	4	24	14.8 kg	●

- Made of Chrome Vanadium steel
- Convenient single hand direction change switch
- Quick-release capability to easily eject an engaged socket even under slippery conditions

ANSI B107.10M

DIN 3122



1/2" Drive Flex Handle / Breaker Bar

Cat. No.	Overall Length				
GL13911	375 mm	4	16	19.4 kg	●
GL13951	432 mm	4	24	22.9 kg	●

- Made of Chrome Vanadium steel
- Flex head drive for multiple angles of use

ANSI B107.10M

DIN 3122



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

1/2" Drive T-Handle

Cat. No.	Overall Length				
GL13910	250 mm	4	24	11.7 kg	●

- Made of Chrome Vanadium steel

ANSI B107.10M

DIN 3122



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

1/2" Drive Wobble Extensions

Cat. No.	Size	Overall Length				
GL13904	5 in	125 mm	4	24	6.2 kg	●
GL13905	10 in	250 mm	4	24	11.3 kg	●

• Made of Chrome Vanadium steel

ANSI B107.10M

DIN 3123



1/2" Drive Locking Extensions

Cat. No.	Size	Overall Length				
GL13906	3 in	75 mm	4	120	26.7 kg	○
GL13907	5 in	125 mm	4	24	6.6 kg	●
GL13908	10 in	250 mm	4	24	12.9 kg	●

• Made of Chrome Vanadium steel

ANSI B107.10M

DIN 3123



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

1/2" Drive Universal Joint

Cat. No.	Female Drive Size	Male Drive Size	Overall Length				
GL13912	1/2 in	1/2 in	68.2 mm	4	48	8.3 kg	●

• Made of Chrome Vanadium steel

ANSI B107.10M

DIN 3123



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

1/2" Drive Adapters

Cat. No.	Female Drive Size	Male Drive Size	Overall Length				
GL13913	1/2 in	3/8 in	35.1 mm	4	56	9.2 kg	●
GL13950	1/2 in	3/4 in	35.1 mm	4	120	15.4 kg	●

• Made of Chrome Vanadium steel

ANSI B107.10M

DIN 3123



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

1/2" Drive Bit Adapter

Cat. No.	Size				
GL13914	5/16 in	6	72	8.1 kg	○

• Made of Chrome Vanadium steel

ANSI B107.10M

DIN 3123



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

1/2" Drive 3-Way Adapter

Cat. No.	Female Drive Size	Male Drive Size	Overall Length				
GL13930	1/2 in	3/8 in	43.6 mm	4	56	6.4 kg	●

• Made of Chrome Vanadium steel

ANSI B107.10M

DIN 3123



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

1/2" Drive SAE Spark Plug Sockets

Cat. No.	Fastener Size				
GL13917	5/8 in	4	48	7.1 kg	
GL13918	13/16 in	4	48	11.3 kg	

• Made of Chrome Vanadium steel

ANSI B107.34M



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

1/2" Drive Metric Spark Plug Sockets

Cat. No.	Fastener Size				
GL13915	16 mm	4	72	10.5 kg	
GL13916	21 mm	4	80	18.6 kg	

• Made of Chrome Vanadium steel

ANSI B107.34M



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

1/2" Drive Offset Handle

Cat. No.	Overall Length				
GL13919	260 mm	4	24	11.5 kg	

• Made of Chrome Vanadium steel

ANSI B107.10M

DIN 3122



3/4" Drive Quick-Release Teardrop Ratchet

Cat. No.	Overall Length				
GL16901	500 mm	1	8	20.4 kg	

• Made of Chrome Vanadium steel

ANSI B107.10M

DIN 3122



3/4" Drive Standard Extension Bar

Cat. No.	Size	Overall Length				
GL16902	4 in	100 mm	6	36	15.6 kg	
GL16903	8 in	200 mm	3	18	13.8 kg	
GL16904	16 in	400 mm	2	12	9.3 kg	

• Made of Chrome Vanadium steel
• Direction change function
• Push in for standard extension bar

ANSI B107.10M

DIN 3123



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

3/4" Drive T-Handle

Cat. No.	Overall Length				
GL16905	450 mm	1	24	35.6 kg	

• Made of Chrome Vanadium steel

ANSI B107.10M

DIN 3122



3/4" Drive 12 Point Metric Standard Length Sockets

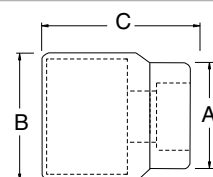
Cat. No.	Fastener Size	Dimension. A: Drive End	Dimension. B: Wrench End	Dimension. C: Overall Length				
GL16602	19 mm	36 mm	28.5 mm	47.5 mm	10	60	13.8 kg	●
GL16603	21 mm	36 mm	31.5 mm	49.5 mm	10	60	13.8 kg	●
GL16604	22 mm	36 mm	32.5 mm	49.5 mm	10	60	13.8 kg	●
GL16605	23 mm	36 mm	33.5 mm	49.5 mm	10	60	13.8 kg	●
GL16606	24 mm	36 mm	34.5 mm	49.5 mm	10	60	13.8 kg	●
GL16607	25 mm	36.2 mm	35 mm	50 mm	10	60	13.8 kg	●
GL16608	26 mm	36 mm	37.2 mm	50 mm	10	60	13.8 kg	●
GL16609	27 mm	36 mm	38.2 mm	52 mm	10	60	13.8 kg	●
GL16610	28 mm	36 mm	39.2 mm	52 mm	8	48	12 kg	●
GL16611	29 mm	38 mm	40.2 mm	52 mm	8	48	12.5 kg	●
GL16612	30 mm	38 mm	42.2 mm	54 mm	8	48	13.5 kg	●
GL16613	32 mm	38 mm	44.2 mm	56 mm	6	36	11.1 kg	●
GL16614	33 mm	38 mm	46.2 mm	56 mm	6	36	12.2 kg	●
GL16615	34 mm	38 mm	47.2 mm	56 mm	6	36	12.9 kg	●
GL16616	35 mm	42 mm	48.2 mm	56 mm	6	36	14 kg	●
GL16617	36 mm	42 mm	50.2 mm	58 mm	6	36	15.4 kg	●
GL16618	38 mm	45 mm	52.2 mm	60 mm	4	24	12 kg	●
GL16619	41 mm	45 mm	56 mm	64 mm	4	24	14.2 kg	●
GL16620	46 mm	48 mm	62 mm	68 mm	4	16	11.3 kg	●
GL16622	50 mm	48 mm	68 mm	72 mm	2	12	10.3 kg	●
GL16623	55 mm	48 mm	74 mm	76 mm	2	12	12.6 kg	●
GL16624	60 mm	48 mm	80 mm	78 mm	2	12	13.2 kg	●

- Made of Chrome Vanadium steel
- Surface Drive® Technology - Radius corner design provides 15%-20% more torque, extends fastener life and reduces slippage
- Manufactured to industrial specifications assuring a thin wall design with precise nut end dimensions
- Specifically heat treated for the correct balance of strength and durability



ANSI B107.5M

DIN 3124



These sockets should never be used on power drivers, pneumatic impact wrench and/or extenders.

3/4" Drive Universal Joint

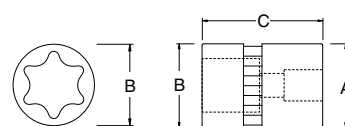
Cat. No.	Female Drive Size	Male Drive Size	Overall Length				
GL16907	3/4 in	3/4 in	75.2 mm	3	18	11.6 kg	○

- Made of Chrome Vanadium steel



ANSI B107.10M

DIN 3123



These sockets should never be used on power drivers, pneumatic impact wrench and/or extenders.

3/4" Drive 6 Point Metric Standard Length Sockets

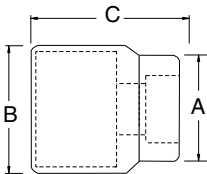
Cat. No.	Fastener Size	Dimension. A: Drive End	Dimension. B: Wrench End	Dimension. C: Overall Length				
GL16401	19 mm	36 mm	28.5 mm	47.5 mm	10	60	13.8 kg	
GL16402	21 mm	36 mm	31.5 mm	49.5 mm	10	60	13.8 kg	
GL16403	22 mm	36 mm	32.5 mm	49.5 mm	10	60	13.8 kg	
GL16404	23 mm	36 mm	33.5 mm	49.5 mm	10	60	13.8 kg	
GL16405	24 mm	36 mm	34.5 mm	49.5 mm	10	60	13.8 kg	
GL16406	25 mm	36.2 mm	35 mm	50 mm	10	60	13.8 kg	
GL16407	26 mm	36 mm	37.2 mm	50 mm	10	60	13.8 kg	
GL16408	27 mm	36 mm	38.2 mm	52 mm	10	60	13.8 kg	
GL16409	28 mm	36 mm	39.2 mm	52 mm	8	48	12 kg	
GL16411	30 mm	38 mm	42.2 mm	54 mm	8	48	13.5 kg	
GL16412	32 mm	38 mm	44.2 mm	56 mm	6	36	11.1 kg	
GL16414	34 mm	38 mm	47.2 mm	56 mm	6	36	12.9 kg	
GL16415	35 mm	42 mm	48.2 mm	56 mm	6	36	14 kg	
GL16416	36 mm	42 mm	50.2 mm	58 mm	6	36	15.4 kg	
GL16417	38 mm	45 mm	52.2 mm	60 mm	4	24	12 kg	
GL16418	41 mm	45 mm	56 mm	64 mm	4	24	14.2 kg	

- Made of Chrome Vanadium steel
- Double Line (SAE) & Knurled Line (MM) to easily identify Standard vs. Metric Sockets
- Surface Drive® Technology- Radius corner design provides 15%-20% more torque, extends fastener life and reduces slippage.
- Manufactured to industrial specifications assuring a thin wall design with precise nut end dimensions
- Specifically heat treated for the correct balance of strength and durability



ANSI B107.5M

DIN 3124



 These sockets should never be used on power drivers, pneumatic impact wrench and/or extenders.

3/4" Drive Adapter

Cat. No.	Female Drive Size	Male Drive Size	Overall Length				
GL16908	3/4 in	1/2 in	35.1 mm	6	36	8.4 kg	

- Made of Chrome Vanadium steel

ANSI B107.10M

DIN 3122



 These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

3/4" Drive Offset Handle

Cat. No.	Overall Length				
GL16919	380 mm	4	24	25.6 kg	

- Made of Chrome Vanadium steel

ANSI B107.10M

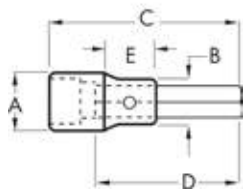
DIN 3122



1/4" Drive Torx® Bit Sockets

Cat. No.	Fastener Size	Dim. A: Drive End	Dim. C: Overall Length				
GL21101	T8	12 mm	36.5 mm	12	144	3.6 kg	●
GL21102	T10	12 mm	36.5 mm	12	144	3.6 kg	●
GL21103	T15	12 mm	36.5 mm	12	144	3.6 kg	●
GL21104	T20	12 mm	36.5 mm	12	144	3.6 kg	●
GL21105	T25	12 mm	36.5 mm	12	144	3.6 kg	●
GL21108	T27	12 mm	36.5 mm	12	144	3.6 kg	●
GL21106	T30	12 mm	36.5 mm	12	144	3.6 kg	●
GL21107	T40	12 mm	36.5 mm	12	144	3.6 kg	●

- Heat treated, chrome plated socket bases for durability and serviceability
- Bit made from S2 material

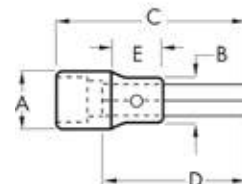


These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders. Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

1/4" Drive Metric Hex Bit Sockets

Cat. No.	Fastener Size	Dim. A: Drive End	Dim. C: Overall Length				
GL21201	3 mm	12 mm	36.5 mm	12	396	8.7 kg	●
GL21202	4 mm	12 mm	36.5 mm	12	396	9.2 kg	●
GL21203	5 mm	12 mm	36.5 mm	12	396	9.2 kg	●
GL21204	6 mm	12 mm	36.5 mm	12	396	9.8 kg	●
GL21206	7 mm	12 mm	36.5 mm	12	396	10.3 kg	●
GL21205	8 mm	12 mm	36.5 mm	12	396	10.3 kg	●

- Heat treated, chrome plated socket bases for durability and serviceability
- Bit made from S2 material

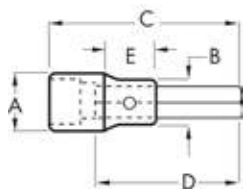


These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders. Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

1/4" Drive Phillips Bit Sockets

Cat. No.	Fastener Size	Dim. A: Drive End	Dim. C: Overall Length				
GL21301	#1	12 mm	36.5 mm	12	396	8.7 kg	○
GL21302	#2	12 mm	36.5 mm	12	396	9.2 kg	○
GL21303	#3	12 mm	36.5 mm	12	396	9.2 kg	○

- Heat treated, chrome plated socket bases for durability and serviceability
- Bit made from S2 material

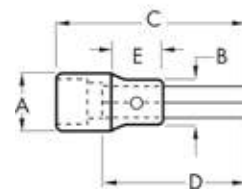


These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders. Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

1/4" Drive Pozidriv Bit Sockets

Cat. No.	Fastener Size	Dim. A: Drive End	Dim. C: Overall Length				
GL21401	#1	12 mm	36.5 mm	12	396	8.7 kg	○
GL21402	#2	12 mm	36.5 mm	12	396	9.2 kg	○
GL21403	#3	12 mm	36.5 mm	12	396	9.2 kg	○

- Heat treated, chrome plated socket bases for durability and serviceability
- Bit made from S2 material

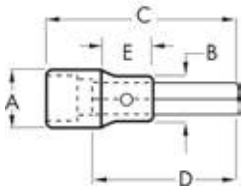


These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders. Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

1/4" Drive Slotted Bit Sockets

Cat. No.	Fastener Size	Dim. A: Drive End	Dim. C: Overall Length				
GL21501	4 mm	12 mm	36.5 mm	12	396	9.2 kg	
GL21502	5.5 mm	12 mm	36.5 mm	12	396	9.2 kg	
GL21503	6.5 mm	12 mm	36.5 mm	12	396	9.2 kg	

- Heat treated, chrome plated socket bases for durability and serviceability
- Bit made from S2 material

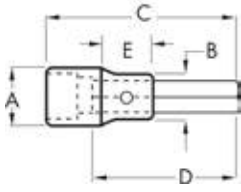


 These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders. Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

3/8" Drive Metric Hex Bit Sockets

Cat. No.	Fastener Size	Dim. A: Drive End	Dim. C: Overall Length				
GL22201	3 mm	18 mm	48 mm	6	198	8.9 kg	
GL22202	4 mm	18 mm	48 mm	6	198	9.2 kg	
GL22203	5 mm	18 mm	48 mm	6	198	9.2 kg	
GL22204	6 mm	18 mm	48 mm	6	198	9.2 kg	
GL22205	7 mm	18 mm	48 mm	6	198	9.8 kg	
GL22206	8 mm	18 mm	48 mm	6	198	10.9 kg	
GL22207	10 mm	18 mm	48 mm	6	198	12 kg	

- Heat treated, chrome plated socket bases for durability and serviceability
- Bit made from S2 material

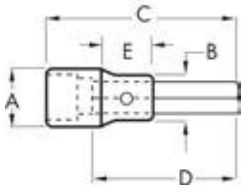


 These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders. Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

3/8" Drive Torx® Bit Sockets

Cat. No.	Fastener Size	Dim. A: Drive End	Dim. C: Overall Length				
GL22101	T10	18 mm	48 mm	6	198	9.2 kg	
GL22102	T15	18 mm	48 mm	6	198	8.9 kg	
GL22103	T20	18 mm	48 mm	6	198	9.2 kg	
GL22104	T25	18 mm	48 mm	6	198	9.2 kg	
GL22105	T27	18 mm	48 mm	6	198	9.2 kg	
GL22106	T30	18 mm	48 mm	6	198	9.2 kg	
GL22107	T40	18 mm	48 mm	6	198	9.5 kg	
GL22108	T45	18 mm	48 mm	6	198	10 kg	
GL22109	T50	18 mm	48 mm	6	198	10.6 kg	
GL22110	T55	18 mm	48 mm	6	198	11.4 kg	
GL22111	T60	18 mm	48 mm	6	198	11.7 kg	

- Heat treated, chrome plated socket bases for durability and serviceability
- Bit made from S2 material

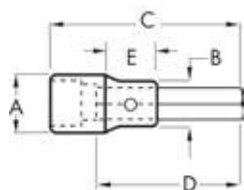


 These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders. Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

3/8" Drive Phillips Bit Sockets

Cat. No.	Fastener Size	Dim. A: Drive End	Dim. C: Overall Length				
GL22301	#1	18 mm	48 mm	6	198	9.2 kg	
GL22302	#2	18 mm	48 mm	6	198	9.2 kg	
GL22303	#3	18 mm	48 mm	6	198	9.5 kg	

- Heat treated, chrome plated socket bases for durability and serviceability
- Bit made from S2 material

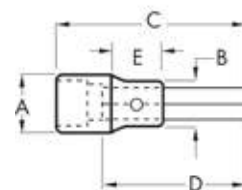


These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders. Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

3/8" Drive Pozidriv Bit Sockets

Cat. No.	Fastener Size	Dim. A: Drive End	Dim. C: Overall Length				
GL22401	#1	18 mm	48 mm	6	198	9.2 kg	
GL22402	#2	18 mm	48 mm	6	198	9.5 kg	
GL22403	#3	18 mm	48 mm	6	198	9.2 kg	

- Heat treated, chrome plated socket bases for durability and serviceability
- Bit made from S2 material

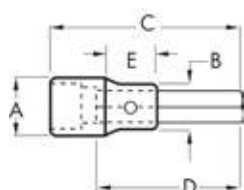


These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders. Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

3/8" Drive Slotted Bit Sockets

Cat. No.	Fastener Size	Dim. A: Drive End	Dim. C: Overall Length				
GL22504	4 mm	18 mm	48 mm	6	198	9.2 kg	
GL22501	5.5 mm	18 mm	48 mm	6	198	9.2 kg	
GL22502	6.5 mm	18 mm	48 mm	6	198	9.2 kg	
GL22503	8 mm	18 mm	48 mm	6	198	9.8 kg	

- Heat treated, chrome plated socket bases for durability and serviceability
- Bit made from S2 material

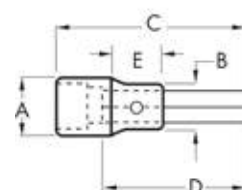


These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders. Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

3/8" Drive Tamper-Proof Torx® Bit Sockets

Cat. No.	Fastener Size	Dim. A: Drive End	Dim. C: Overall Length				
GL22601	T45	18 mm	48 mm	6	198	9.2 kg	
GL22602	T50	18 mm	48 mm	6	198	9.2 kg	
GL22603	T55	18 mm	48 mm	6	198	9.6 kg	
GL22604	T60	18 mm	48 mm	6	198	11.4 kg	

- Heat treated, chrome plated socket bases for durability and serviceability
- Bit made from S2 material



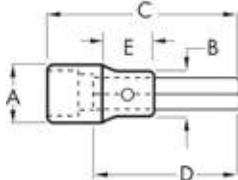
These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders. Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

1/2" Drive Torx® Bit Sockets

Cat. No.	Fastener Size	Dim. A: Drive End	Dim. C: Overall Length				
GL24101	T20	24 mm	75 mm	6	180	14.1 kg	
GL24102	T25	24 mm	75 mm	6	180	14.3 kg	
GL24103	T27	24 mm	75 mm	6	180	14.6 kg	
GL24104	T30	24 mm	75 mm	6	180	15 kg	
GL24105	T40	24 mm	75 mm	6	180	15.3 kg	
GL24106	T45	24 mm	75 mm	6	180	16.4 kg	
GL24107	T50	24 mm	75 mm	6	180	16.4 kg	
GL24108	T55	24 mm	75 mm	6	180	17.1 kg	
GL24109	T60	24 mm	75 mm	6	180	22.2 kg	

- Heat treated, chrome plated socket bases for durability and serviceability
- Bit made from S2 material







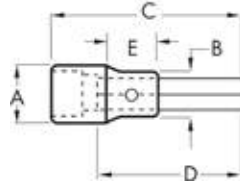
These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders. Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

1/2" Drive Triple Square Bit Sockets

Cat. No.	Fastener Size	Dim. A: Drive End	Dim. C: Overall Length				
GL24801	M5	24 mm	75 mm	6	180	14.3 kg	
GL24802	M6	24 mm	75 mm	6	180	14.5 kg	
GL24803	M8	24 mm	75 mm	6	180	14.9 kg	
GL24804	M10	24 mm	75 mm	6	180	16.8 kg	
GL24805	M12	24 mm	75 mm	6	180	21.8 kg	
GL24806	M14	24 mm	75 mm	6	180	22.2 kg	
GL24807	M16	24 mm	75 mm	6	180	23.6 kg	

- Heat treated, chrome plated socket bases for durability and serviceability
- Bit made from S2 material







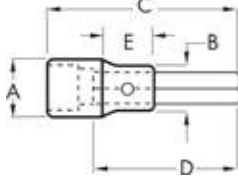
These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders. Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

1/2" Drive Metric Hex Bit Sockets

Cat. No.	Fastener Size	Dim. A: Drive End	Dim. C: Overall Length				
GL24201	4 mm	24 mm	75 mm	6	180	14.3 kg	
GL24202	5 mm	24 mm	75 mm	6	180	14.6 kg	
GL24203	6 mm	24 mm	75 mm	6	180	15.3 kg	
GL24204	7 mm	24 mm	75 mm	6	180	16.1 kg	
GL24205	8 mm	24 mm	75 mm	6	180	16.2 kg	
GL24206	10 mm	24 mm	75 mm	6	180	17.3 kg	
GL24207	12 mm	24 mm	75 mm	6	180	22.9 kg	
GL24208	14 mm	24 mm	75 mm	6	180	23.8 kg	
GL24209	17 mm	24 mm	75 mm	6	180	25.6 kg	

- Heat treated, chrome plated socket bases for durability and serviceability
- Bit made from S2 material





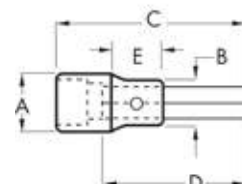


These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders. Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

1/2" Drive Long Torx® Bit Sockets

Cat. No.	Fastener Size	Dim. A: Drive End	Dim. C: Overall Length				
GL25101	T20	24 mm	125 mm	6	72	7.3 kg	●
GL25102	T25	24 mm	125 mm	6	72	7.4 kg	●
GL25103	T27	24 mm	125 mm	6	72	7.5 kg	●
GL25104	T30	24 mm	125 mm	6	72	7.7 kg	●
GL25105	T40	24 mm	125 mm	6	72	7.8 kg	●
GL25106	T45	24 mm	125 mm	6	72	7.9 kg	●
GL25107	T50	24 mm	125 mm	6	72	8 kg	●
GL25108	T55	24 mm	125 mm	6	72	9 kg	●
GL25109	T60	24 mm	125 mm	6	72	13.3 kg	●

- Heat treated, chrome plated socket bases for durability and serviceability
- Bit made from S2 material

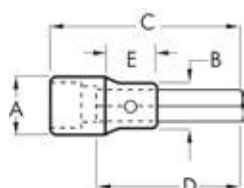


These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders. Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

1/2" Drive Metric Long Hex Bit Sockets

Cat. No.	Fastener Size	Dim. A: Drive End	Dim. C: Overall Length				
GL25201	4 mm	24 mm	125 mm	6	72	7.6 kg	○
GL25202	5 mm	24 mm	125 mm	6	72	7.6 kg	○
GL25203	6 mm	24 mm	125 mm	6	72	7.5 kg	○
GL25204	7 mm	24 mm	125 mm	6	72	7.8 kg	○
GL25205	8 mm	24 mm	125 mm	6	72	8 kg	○
GL25206	10 mm	24 mm	125 mm	6	72	9.5 kg	○
GL25207	12 mm	24 mm	125 mm	6	72	13.4 kg	○
GL25208	14 mm	24 mm	125 mm	6	72	14 kg	○
GL25209	17 mm	24 mm	125 mm	6	72	16.7 kg	○

- Heat treated, chrome plated socket bases for durability and serviceability
- Bit made from S2 material

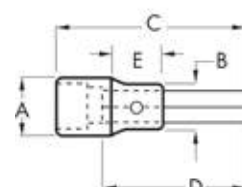


These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders. Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

1/2" Drive Long Triple Square Bit Sockets

Cat. No.	Fastener Size	Dim. A: Drive End	Dim. C: Overall Length				
GL25801	M5	24 mm	125 mm	6	72	7.2 kg	●
GL25802	M6	24 mm	125 mm	6	72	7.4 kg	●
GL25803	M8	24 mm	125 mm	6	72	7.7 kg	●
GL25804	M10	24 mm	125 mm	6	72	8.8 kg	●
GL25805	M12	24 mm	125 mm	6	72	13.3 kg	●
GL25806	M14	24 mm	125 mm	6	72	13.4 kg	●
GL25807	M16	24 mm	125 mm	6	72	16.1 kg	●

- Heat treated, chrome plated socket bases for durability and serviceability
- Bit made from S2 material



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders. Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Pass-Thru[®] Ratchet & Socket System



PRODUCTIVITY

Pass-Thru[®] ratchet & socket System eliminates the need for deep sockets.



ACCESS

Up to 50% thinner than conventional ratchet systems.



STRENGTH

Up to 40% stronger by eliminating drive tang.

5° Ratcheting arc vs. 12° on conventional ratchets

Up to 40% stronger by eliminating drive tang

The Pass-Thru[®] socket has a thin wall and arc design that increase the torque strength by as much as 40%

Adapter allows you to use Pass Tru[®] ratchet with standard square drive sockets



25 Pc. 1/4" Drive 6 Point Metric/SAE Pass-Thru® Socket Set

Cat. No.					
GL09131		6	12	8.4 kg	●

CONTENTS:

13 - Metric Pass-Thru® Sockets 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
 9 - S.A.E. Pass-Thru® Sockets 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 3/8, 7/16, 1/2"
 1 - Quick-Release Adapter
 1 - Pass-Thru® Extension Bar 3"
 1 - Pass-Thru® Ratchet



21 Pc. 3/8" Drive 6 Point Metric/SAE Pass-Thru® Socket Set

Cat. No.					
GL09134		3	12	18.1 kg	●

CONTENTS:

10 - Metric Pass-Thru® Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
 7 - S.A.E. Pass-Thru® Sockets 3/8, 7/16, 1/2, 5/8, 9/16, 11/16, 3/4"
 1 - 3/8"Dr. x 1/4"M Quick-Release Adapter
 1 - 3/8"Dr. x 3/8"M Quick-Release Adapter
 1 - Pass-Thru® Extension Bar 3"
 1 - Pass-Thru® Ratchet



30 Pc. 1/4" and 3/8" Drive 6 Point Metric Pass-Thru® Socket Set

Cat. No.					
GL09132		4	8	17.5 kg	●

CONTENTS:

13 - 1/4"Dr. Metric Pass-Thru® Sockets 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
 1 - 1/4"Dr. Pass-Thru® Ratchet
 1 - 1/4"Dr. Pass-Thru® Extension Bar 3"
 1 - 1/4"Dr. Quick-Release Adapter
 10 - 3/8"Dr. Metric Pass-Thru® Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
 1 - 3/8"Dr. Pass-Thru® Ratchet
 1 - 3/8"Dr. Pass-Thru® Extension Bar 3"
 1 - 3/8"Dr. x 1/4"M Quick-Release Adapter
 1 - 3/8"Dr. x 3/8"M Quick-Release Adapter



12 Pc. 1/2" Drive 6 Point Metric Pass-Thru® Socket Set

Cat. No.					
GL09133		4	8	23 kg	●

CONTENTS:

9 - Metric Pass-Thru® Sockets 19, 20, 21, 22, 24, 27, 30, 32, 34 mm
 1 - Quick-Release Adapter
 1 - Pass-Thru® Extension 6"
 1 - Pass-Thru® Ratchet



Impact Socket



Eye protection must always be worn when using impact tool.

Black finishing treatment for better corrosion protection.



Manufactured from Chrome Molybdenum material for increased strength and greater impact resistance.



12 Pc. 1/2" Drive 6 Point Metric Impact Socket Set

Cat. No.					
GL09009		0	8	17.8 kg	

CONTENTS:

10 - 6pt. Metric Sockets 10, 11, 13, 14, 17, 19, 21, 22, 23, 24 mm

1 - Impact Universal Joint

1 - Impact Extension Bar 5"



1/4" Drive Impact Adapter

Cat. No.	Female Drive Size	Male Drive Size	Overall Length				
GL34714	1/4 in	3/8 in	26.5 mm	20	300	5.2 kg	

- For use with impact drivers
- Manufactured from Chrome Molybdenum material for increased strength and greater impact resistance
- Black finishing treatment for corrosion protection

ANSI B107.2

DIN 3129



3/8" Drive Impact Adapter

Cat. No.	Female Drive Size	Male Drive Size	Overall Length				
GL34715	3/8 in	1/2 in	36 mm	20	200	12.3 kg	

- For use with impact drivers
- Manufactured from Chrome Molybdenum material for increased strength and greater impact resistance
- Black finishing treatment for corrosion protection

ANSI B107.2

DIN 3129



1/2" Drive Impact Adapters

Cat. No.	Female Drive Size	Male Drive Size	Overall Length				
GL34716	1/2 in	3/8 in	38 mm	20	200	12.3 kg	
GL34717	1/2 in	3/4 in	45 mm	6	60	16 kg	

- For use with impact drivers
- Manufactured from Chrome Molybdenum material for increased strength and greater impact resistance
- Black finishing treatment for corrosion protection

ANSI B107.2

DIN 3129



3/4" Drive Impact Adapter

Cat. No.	Female Drive Size	Male Drive Size	Overall Length				
GL34718	3/4 in	1/2 in	56 mm	12	72	19 kg	

- For use with impact drivers
- Manufactured from Chrome Molybdenum material for increased strength and greater impact resistance
- Black finishing treatment for corrosion protection

ANSI B107.2

DIN 3129



3/8" Drive Impact Extensions

Cat. No.	Size	Overall Length				
GL34701	3 in	75 mm	12	180	15 kg	
GL34702	6 in	150 mm	6	60	9.7 kg	

- For use with impact drivers - Manufactured from Chrome Molybdenum material for increased strength and greater impact resistance - Black finishing treatment for corrosion protection	ANSI B107.2	
		

1/2" Drive Impact Extensions

Cat. No.	Size	Overall Length				
GL33911	3 in	75 mm	4	48	13.2 kg	
GL34703	5 in	125 mm	6	72	16.9 kg	
GL34704	6 in	150 mm	6	72	19.9 kg	
GL34705	10 in	250 mm	6	36	16.9 kg	
GL34706	12 in	300 mm	6	30	16.4 kg	

- For use with impact drivers - Manufactured from Chrome Molybdenum material for increased strength and greater impact resistance - Black finishing treatment for corrosion protection	ANSI B107.2	
		

3/4" Drive Impact Extensions

Cat. No.	Size	Overall Length				
GL34708	4 in	100 mm	3	18	9 kg	
GL34712	10 in	250 mm	1	10	14 kg	

- For use with impact drivers - Manufactured from Chrome Molybdenum material for increased strength and greater impact resistance - Black finishing treatment for corrosion protection	ANSI B107.2	
		

3/8" Drive Impact Universal Joint

Cat. No.	Female Drive Size	Male Drive Size	Overall Length				
GL32902	3/8 in	3/8 in	53 mm	6	72	6.4 kg	

- For use with impact drivers - Manufactured from Chrome Molybdenum material for increased strength and greater impact resistance - Black finishing treatment for corrosion protection	ANSI B107.2	
		

1/2" Drive Impact Universal Joint

Cat. No.	Female Drive Size	Male Drive Size	Overall Length				
GL34719	1/2 in	1/2 in	64.5 mm	6	90	14 kg	

- For use with impact drivers - Manufactured from Chrome Molybdenum material for increased strength and greater impact resistance - Black finishing treatment for corrosion protection	ANSI B107.2	
		

3/4" Drive Impact Universal Joint

Cat. No.	Female Drive Size	Male Drive Size	Overall Length				
GL34720	3/4 in	3/4 in	88.5 mm	6	24	17.3 kg	

- For use with impact drivers - Manufactured from Chrome Molybdenum material for increased strength and greater impact resistance - Black finishing treatment for corrosion protection	ANSI B107.2	
		

3/8" Drive 6 Point Metric Impact Sockets

Cat. No.	Fastener Size	Overall Length				
GL34201	6 mm	28 mm	6	84	3.9 kg	
GL34202	7 mm	28 mm	6	84	3.9 kg	
GL34203	8 mm	28 mm	6	84	3.9 kg	
GL34204	9 mm	28 mm	6	84	3.9 kg	
GL34205	10 mm	28 mm	6	84	3.9 kg	
GL34206	11 mm	28 mm	6	84	3.9 kg	
GL34207	12 mm	28 mm	6	84	3.9 kg	
GL34208	13 mm	30 mm	6	84	4 kg	
GL34209	14 mm	30 mm	6	84	4.7 kg	
GL34210	15 mm	30 mm	6	72	5.1 kg	
GL34211	16 mm	30 mm	6	72	6 kg	
GL34212	17 mm	30 mm	6	72	6.5 kg	
GL34213	18 mm	30 mm	6	60	6 kg	
GL34214	19 mm	30 mm	6	60	6.3 kg	

- For use with impact drivers
- Manufactured from Chrome Molybdenum material for increased strength and greater impact resistance
- Black finishing treatment for corrosion protection



ANSI B107.2M

DIN 3129

1/2" Drive 6 Point Metric Impact Sockets

Cat. No.	Fastener Size	Overall Length				
GL34303	10 mm	38 mm	6	72	7.7 kg	
GL34304	11 mm	38 mm	6	72	7.8 kg	
GL34305	12 mm	38 mm	6	72	7.8 kg	
GL34306	13 mm	38 mm	6	72	7.9 kg	
GL34307	14 mm	38 mm	6	72	7.9 kg	
GL34308	15 mm	38 mm	6	72	7.9 kg	
GL34309	16 mm	38 mm	6	72	7.9 kg	
GL34310	17 mm	38 mm	6	72	8.2 kg	
GL34311	18 mm	38 mm	4	48	8.5 kg	
GL34312	19 mm	41 mm	4	48	8.7 kg	
GL34314	21 mm	41 mm	4	48	9.2 kg	
GL34315	22 mm	41 mm	4	48	10 kg	
GL34316	23 mm	41 mm	4	48	10 kg	
GL34317	24 mm	41 mm	4	48	10.2 kg	
GL34320	27 mm	41 mm	4	48	10.2 kg	
GL34322	29 mm	41 mm	2	24	5.5 kg	
GL34323	30 mm	41 mm	2	24	5.7 kg	
GL34325	32 mm	41 mm	2	24	6.1 kg	

- For use with impact drivers
- Manufactured from Chrome Molybdenum material for increased strength and greater impact resistance
- Black finishing treatment for corrosion protection



ANSI B107.2M

DIN 3129

1/2" Drive 6 Point Metric Deep Impact Sockets

Cat. No.	Fastener Size	Overall Length				
GL34403	10 mm	82 mm	6	72	13.7 kg	
GL34404	11 mm	82 mm	6	72	13.8 kg	
GL34405	12 mm	82 mm	6	72	13.8 kg	
GL34406	13 mm	82 mm	6	72	14.1 kg	
GL34407	14 mm	82 mm	6	72	14.1 kg	
GL34408	15 mm	82 mm	6	72	14.2 kg	
GL34409	16 mm	82 mm	6	72	14.2 kg	
GL34410	17 mm	82 mm	6	72	14.8 kg	
GL34411	18 mm	82 mm	6	48	11.9 kg	
GL34412	19 mm	82 mm	4	48	12.4 kg	
GL34414	21 mm	82 mm	4	48	13 kg	
GL34415	22 mm	82 mm	4	48	14.8 kg	
GL34417	24 mm	82 mm	4	48	16.7 kg	
GL34419	26 mm	82 mm	4	48	17.2 kg	
GL34420	27 mm	82 mm	4	48	18.2 kg	
GL34422	29 mm	82 mm	2	24	10.3 kg	
GL34423	30 mm	82 mm	2	24	11.2 kg	
GL34425	32 mm	82 mm	2	24	11.5 kg	

- For use with impact drivers
- Manufactured from Chrome Molybdenum material for increased strength and greater impact resistance
- Black finishing treatment for corrosion protection



ANSI B107.2M

DIN 3129

3/4" Drive 6 Point Metric Impact Sockets

Cat. No.	Fastener Size	Overall Length				
GL34505	17 mm	50 mm	6	72	15 kg	
GL34506	18 mm	50 mm	6	72	16.5 kg	
GL34507	19 mm	50 mm	6	72	17.5 kg	
GL34508	20 mm	50 mm	6	72	18 kg	
GL34509	21 mm	50 mm	6	72	18.2 kg	
GL34510	22 mm	50 mm	6	72	19 kg	
GL34511	23 mm	50 mm	6	54	18.5 kg	
GL34512	24 mm	50 mm	6	54	19 kg	
GL34513	25 mm	50 mm	6	54	17.5 kg	
GL34514	26 mm	50 mm	6	54	18.6 kg	
GL34515	27 mm	53 mm	6	36	11 kg	
GL34516	28 mm	53 mm	6	36	12 kg	
GL34517	29 mm	53 mm	6	36	15.7 kg	
GL34518	30 mm	53 mm	6	36	16 kg	
GL34519	31 mm	53 mm	6	36	16 kg	
GL34520	32 mm	56 mm	6	36	16 kg	
GL34521	33 mm	56 mm	6	36	17 kg	
GL34522	34 mm	56 mm	6	36	17 kg	
GL34523	35 mm	56 mm	6	36	17.5 kg	
GL34524	36 mm	56 mm	6	36	19 kg	
GL34525	37 mm	57 mm	6	36	20 kg	
GL34526	38 mm	57 mm	6	36	20 kg	
GL34527	39 mm	57 mm	6	36	22 kg	
GL34528	40 mm	57 mm	6	36	18.1 kg	
GL34529	41 mm	57 mm	6	36	19 kg	

- For use with impact drivers
- Manufactured from Chrome Molybdenum material for increased strength and greater impact resistance
- Black finishing treatment for corrosion protection



ANSI B107.2M

DIN 3129

3/4" Drive 6 Point Metric Deep Impact Sockets

Cat. No.	Fastener Size	Overall Length				
GL34605	17 mm	90 mm	1	32	19.5 kg	
GL34606	18 mm	90 mm	1	32	20 kg	
GL34607	19 mm	90 mm	1	32	20 kg	
GL34608	20 mm	90 mm	1	20	12 kg	
GL34609	21 mm	90 mm	1	20	12.9 kg	
GL34610	22 mm	90 mm	1	20	13.2 kg	
GL34611	23 mm	90 mm	1	20	13.4 kg	
GL34612	24 mm	90 mm	1	20	13.6 kg	
GL34613	25 mm	90 mm	1	20	13.6 kg	
GL34614	26 mm	90 mm	1	20	13.8 kg	
GL34615	27 mm	90 mm	1	20	14 kg	
GL34616	28 mm	90 mm	1	20	14 kg	
GL34617	29 mm	90 mm	1	20	14.4 kg	
GL34618	30 mm	90 mm	1	20	14.7 kg	
GL34619	31 mm	90 mm	1	20	16 kg	
GL34620	32 mm	90 mm	1	20	17 kg	
GL34621	33 mm	90 mm	1	20	17.3 kg	
GL34622	34 mm	90 mm	1	20	17.6 kg	
GL34623	35 mm	90 mm	1	20	18 kg	
GL34624	36 mm	90 mm	1	20	18.8 kg	
GL34625	37 mm	90 mm	1	20	19 kg	
GL34626	38 mm	90 mm	1	20	19.3 kg	
GL34628	40 mm	90 mm	1	18	18 kg	
GL34629	41 mm	90 mm	1	18	18.6 kg	

- For use with impact drivers
- Manufactured from Chrome Molybdenum material for increased strength and greater impact resistance
- Black finishing treatment for corrosion protection



ANSI B107.2M

DIN 3129

1" Drive 6 Point Metric Deep Impact Sockets

Cat. No.	Fastener Size	Overall Length				
GL34924	36 mm	90 mm	1	12	13.2 kg	
GL34925	37 mm	90 mm	1	12	13.5 kg	
GL34926	38 mm	90 mm	1	12	14 kg	
GL34928	40 mm	90 mm	1	12	14.2 kg	
GL34929	41 mm	90 mm	1	12	14.3 kg	
GL34930	42 mm	90 mm	1	12	15.5 kg	
GL34931	43 mm	90 mm	1	12	15.5 kg	
GL34934	46 mm	100 mm	1	6	10 kg	
GL34937	49 mm	100 mm	1	6	10.4 kg	
GL34938	50 mm	100 mm	1	6	10.5 kg	
GL34940	55 mm	100 mm	1	6	11.8 kg	

- For use with impact drivers
- Manufactured from Chrome Molybdenum material for increased strength and greater impact resistance
- Black finishing treatment for corrosion protection



ANSI B107.2M

DIN 3129

1" Drive 6 Point Metric Impact Sockets

Cat. No.	Fastener Size	Overall Length				
GL34824	36 mm	66 mm	4	24	19 kg	
GL34825	37 mm	66 mm	4	24	19.1 kg	
GL34826	38 mm	66 mm	4	24	19.7 kg	
GL34827	39 mm	66 mm	4	24	19.8 kg	
GL34828	40 mm	66 mm	4	24	20.2 kg	
GL34829	41 mm	68 mm	4	16	14.4 kg	
GL34830	42 mm	68 mm	4	16	14.6 kg	
GL34831	43 mm	70 mm	4	16	15.1 kg	
GL34832	44 mm	70 mm	4	16	15.5 kg	
GL34833	45 mm	72 mm	4	16	16.8 kg	
GL34834	46 mm	72 mm	4	16	18.3 kg	
GL34835	47 mm	76 mm	4	16	18.6 kg	
GL34836	48 mm	76 mm	4	16	20 kg	
GL34837	49 mm	76 mm	4	16	20.8 kg	
GL34838	50 mm	76 mm	4	16	20.8 kg	
GL34839	51 mm	80 mm	2	12	16.4 kg	
GL34840	52 mm	80 mm	2	12	17 kg	
GL34841	53 mm	80 mm	2	12	17.3 kg	
GL34842	54 mm	80 mm	2	12	17.7 kg	
GL34843	55 mm	84 mm	2	12	18.8 kg	
GL34844	56 mm	84 mm	2	12	19.1 kg	
GL34845	57 mm	84 mm	2	12	19.5 kg	
GL34846	58 mm	84 mm	1	8	13.8 kg	
GL34847	59 mm	88 mm	1	8	14.4 kg	
GL34848	60 mm	88 mm	1	8	15 kg	
GL34849	63 mm	88 mm	1	8	16.4 kg	
GL34850	65 mm	92 mm	1	8	16.6 kg	
GL34851	67 mm	92 mm	1	8	18.3 kg	
GL34852	68 mm	92 mm	1	8	19 kg	
GL34853	69 mm	92 mm	1	8	19.4 kg	

- For use with impact drivers
- Manufactured from Chrome Molybdenum material for increased strength and greater impact resistance
- Black finishing treatment for corrosion protection



ANSI B107.2M

DIN 3129



Ratcheting Wrench



Surface Drive® reduces fastener rounding.



Ratcheting box end needs as little as 5° to move fastener vs. 30° for standard box end wrenches.

DOUBLE RATCHETING

Ratcheting function at both Box End and Open End for speed and productivity.



XL X-BEAM®

The wider, super-strong crossbeam increases contact area with your hand by 500% over traditional wrenches.



REVERSIBLE

Compact reversing lever. No need to remove from fastener to change direction.



FLEX HEAD

Flex head tilts up to 180° at any interval.



XL LOCKING FLEX HEAD

Flexible head has 13 locking positions, allowing access to hard-to-reach places. One finger operated lever with options of "locking" or "not locking" positions.



8 Pc. Metric Double Ratcheting Wrench Set

Cat. No.				
GL09079	0	5	8.3 kg	

CONTENTS:
8, 10, 11, 12, 13, 14, 17, 19 mm



6 Pc. Metric Double Box Ratcheting Wrench Set

Cat. No.				
GL09025	0	6	7.8 kg	

CONTENTS:
8x9, 10x11, 12x13, 14x15, 16x18, 17x19 mm



12 Pc. Metric Double Ratcheting Wrench Set

Cat. No.				
GL09066	2	4	9.2 kg	

CONTENTS:
8, 10, 11, 12, 13, 14, 17, 19 mm



8 Pc. Metric Double Ratcheting Wrench Set

Cat. No.				
GL08007A	0	12	12.2 kg	

CONTENTS:
8, 10, 12, 13, 14, 15, 17, 19 mm



8 Pc. Metric Combination Ratcheting Wrench Set

Cat. No.				
GL08008	0	8	10.5 kg	●

CONTENTS:

8, 10, 12, 13, 14, 15, 17, 19 mm



12 Pc. Metric Combination Ratcheting Wrench Set

Cat. No.				
GL09040	0	4	7.6 kg	●

CONTENTS:

8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm



05

8 Pc. Metric XL X-Beam® Ratcheting Wrench Set

Cat. No.				
GL08015	0	4	7.6 kg	●

CONTENTS:

8, 10, 12, 13, 14, 15, 17, 19 mm



10 Pc. Metric XL X-Beam® Ratcheting Wrench Set

Cat. No.				
GL08016	0	4	9.3 kg	●

CONTENTS:

8, 10, 12, 13, 14, 15, 16, 17, 18, 19 mm



05

Ratcheting Wrench

5 Pc. Metric Flex Head Ratcheting Wrench Set

Cat. No.				
GL09082	0	12	11.2 kg	

CONTENTS:
10, 11, 12, 13, 14 mm



7 Pc. Metric XL Locking Flex Head Ratcheting Wrench Set

Cat. No.				
GL09043	6	12	174 kg	

CONTENTS:
10, 12, 13, 14, 15, 17, 19 mm



3 Pc. Metric Drive Adapter Set

Cat. No.				
GL09084	10	40	6 kg	

CONTENTS:
1/4" Dr. x 10 mm
3/8" Dr. x 13 mm
1/2" Dr. x 19 mm



Metric Ratcheting Wrench Socket Adapters with Quick Release

Cat. No.	Male Drive Size	Overall Length				
GL46654	1/4 in	20.3 mm	10	80	3.6 kg	
GL46655	3/8 in	24.3 mm	10	80	4.5 kg	
GL46656	1/2 in	29.3 mm	10	80	8 kg	



- Socket adapter converts a 10 mm ratcheting wrench to a 1/4" Drive tang
- Socket adapter converts a 13 mm ratcheting wrench to a 3/8" Drive tang
- Socket adapter converts a 19 mm ratcheting wrench to a 1/2" Drive tang

Metric Double Ratcheting Wrenches

Cat. No.	Fastener Size	End A Width	End B Width	Overall Length				
GL43601	5.5 mm	15 mm	17.8 mm	126 mm	6	96	5.5 kg	●
GL43602	6 mm	15 mm	17.8 mm	126 mm	6	96	5.5 kg	●
GL43603	7 mm	17 mm	17.8 mm	133 mm	6	96	5.5 kg	●
GL43604	8 mm	20 mm	19 mm	140 mm	6	96	5.5 kg	●
GL43605	9 mm	20.3 mm	19.7 mm	150 mm	6	96	6 kg	●
GL43606	10 mm	22.5 mm	21.4 mm	159 mm	6	96	7.1 kg	●
GL43607	11 mm	25 mm	23 mm	165.5 mm	6	36	3.3 kg	●
GL43608	12 mm	27.4 mm	24.5 mm	172 mm	6	36	3.7 kg	●
GL43609	13 mm	30 mm	26.5 mm	178 mm	6	36	4 kg	●
GL43610	14 mm	32 mm	28.6 mm	191 mm	6	36	4.8 kg	●
GL43611	15 mm	34.5 mm	30 mm	200 mm	6	36	5.6 kg	●
GL43612	16 mm	35 mm	32 mm	209 mm	6	36	5.9 kg	●
GL43613	17 mm	38.5 mm	33.5 mm	226 mm	6	36	6.9 kg	●
GL43614	18 mm	40.5 mm	34.6 mm	237 mm	6	36	7.7 kg	●
GL43615	19 mm	43 mm	37 mm	248 mm	6	36	8.8 kg	●
GL43616	21 mm	46 mm	42 mm	292 mm	4	24	9.8 kg	●
GL43617*	22 mm	46 mm	42 mm	292 mm	4	24	9.8 kg	●
GL43618*	24 mm	52.2 mm	49 mm	334 mm	4	16	9.2 kg	●
GL43619*	25 mm	52.2 mm	49 mm	334 mm	4	16	9.3 kg	●

* These sizes are with standard (non-ratcheting) open end.

- Sleek head design enables access to tight spots where a ratchet will not fit
- 5° ratcheting arc VS. 30° on standard combination wrenches
- Surface Drive® provides a stronger grip on fasteners

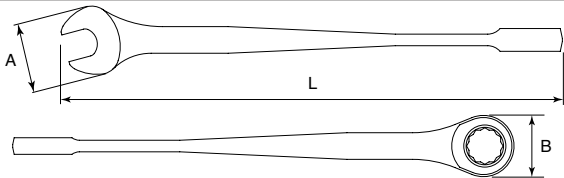
ASME B107.100-2010 (B107.66)



Metric XL X-Beam® Ratcheting Wrenches

Cat. No.	Fastener Size	End A Width	End B Width	Overall Length				
GL46301	8 mm	20 mm	18.5 mm	151 mm	6	96	4.9 kg	●
GL46302	9 mm	20.3 mm	19.6 mm	165 mm	6	96	6 kg	●
GL46303	10 mm	22.7 mm	22 mm	181 mm	6	96	7.4 kg	●
GL46304	11 mm	25 mm	24 mm	196 mm	6	96	9.6 kg	●
GL46305	12 mm	27 mm	25.3 mm	207.8 mm	6	96	11.1 kg	●
GL46306	13 mm	29 mm	27.4 mm	220.8 mm	6	72	9.6 kg	●
GL46307	14 mm	32 mm	29 mm	235.8 mm	6	72	11.7 kg	●
GL46308	15 mm	34 mm	31.3 mm	250 mm	6	72	13.4 kg	●
GL46309	16 mm	35 mm	33.3 mm	261 mm	6	36	7.7 kg	●
GL46310	17 mm	38.5 mm	35 mm	276 mm	6	36	9.5 kg	●
GL46311	18 mm	40.5 mm	36 mm	290 mm	6	36	10.3 kg	●
GL46312	19 mm	42 mm	37 mm	306 mm	6	36	12.6 kg	●

- Surface Drive® provides a stronger grip on fasteners and reduces fastener rounding
- Powerful - Torque output increase by 25%
- Up to a 500% increase on surface contact area (vs. a standard handle wrench) to reduce hand fatigue

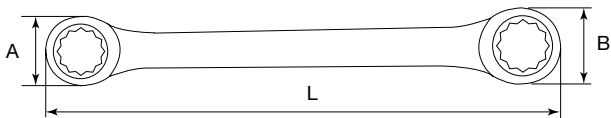


Metric Double Box Ratcheting Wrenches

Cat. No.	Fastener Size	End A Width	End B Width	Overall Length				
GL46201	8x9 mm	18 mm	19.5 mm	131 mm	6	96	5.9 kg	●
GL46200	8x10 mm	18.5 mm	21.8 mm	131 mm	6	96	6 kg	●
GL46202	10x11 mm	21.8 mm	23.5 mm	151 mm	6	36	3.2 kg	●
GL46203	12x13 mm	25 mm	26.5 mm	171 mm	6	36	4.1 kg	●
GL46204	14x15 mm	28.5 mm	30.5 mm	191 mm	6	36	5.7 kg	●
GL46205	16x18 mm	32.5 mm	35.5 mm	211 mm	6	36	6.3 kg	●
GL46206	17x19 mm	34.5 mm	36.6 mm	231 mm	6	36	7.3 kg	●

- 5° ratcheting arc VS. 30° on standard combination wrenches
- Surface Drive® provides a stronger grip on fasteners

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Combination Ratcheting Range

Cat. No.	Fastener Size	End A Width	End B Width	Overall Length				
GL43220	5.5 mm	15 mm	17.8 mm	126 mm	6	96	5.5 kg	●
GL43221	6 mm	15 mm	17.8 mm	126 mm	6	96	5.5 kg	●
GL43222	7 mm	17 mm	17.8 mm	133 mm	6	96	5.5 kg	●
GL43201	8 mm	20 mm	19 mm	140 mm	6	96	5.5 kg	●
GL43202	9 mm	20.3 mm	19.7 mm	150 mm	6	96	6 kg	●
GL43203	10 mm	22.5 mm	21.4 mm	159 mm	6	96	7.1 kg	●
GL43204	11 mm	25 mm	23 mm	165.5 mm	6	36	3.3 kg	●
GL43205	12 mm	27.4 mm	24.5 mm	172 mm	6	36	3.7 kg	●
GL43206	13 mm	30 mm	26.5 mm	178 mm	6	36	4 kg	●
GL43207	14 mm	32 mm	28.6 mm	191 mm	6	36	4.8 kg	●
GL43208	15 mm	34.5 mm	30 mm	200 mm	6	36	5.6 kg	●
GL43209	16 mm	35 mm	32 mm	209 mm	6	36	5.9 kg	●
GL43210	17 mm	38.5 mm	33.5 mm	226 mm	6	36	6.9 kg	●
GL43211	18 mm	40.5 mm	34.6 mm	237 mm	6	36	7.7 kg	●
GL43212	19 mm	43 mm	37 mm	248 mm	6	36	8.8 kg	●
GL43213	21 mm	46 mm	42 mm	292 mm	4	24	9.8 kg	●
GL43214	22 mm	46 mm	42 mm	292 mm	4	24	9.8 kg	●
GL43215	24 mm	52.2 mm	49 mm	334 mm	4	16	9.2 kg	●
GL43216	25 mm	52.2 mm	49 mm	334 mm	4	16	9.3 kg	●
GL43217	27 mm	56.4 mm	52.5 mm	359 mm	4	16	12.2 kg	●
GL43218	30 mm	62 mm	58.5 mm	402 mm	2	12	10.5 kg	●
GL43219	32 mm	65.6 mm	62 mm	426 mm	2	12	12.2 kg	●

- Sleek head design enables access to tight spots where a ratchet will not fit
- 5° ratcheting arc VS. 30° on standard combination wrenches
- Surface Drive® provides a stronger grip on fasteners

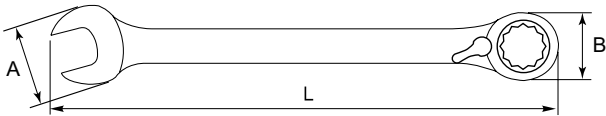


Metric Reversible Ratcheting Wrenches

Cat. No.	Fastener Size	End A Width	End B Width	Overall Length				
GL46601	8 mm	20 mm	18 mm	140 mm	6	36	2.1 kg	●
GL46602	9 mm	20 mm	19.6 mm	150 mm	6	36	2.3 kg	●
GL46603	10 mm	22.5 mm	21.6 mm	159 mm	6	36	2.6 kg	●
GL46604	11 mm	25 mm	23.5 mm	165 mm	6	36	3.3 kg	●
GL46605	12 mm	27 mm	25 mm	172 mm	6	36	3.6 kg	●
GL46606	13 mm	30 mm	27 mm	178 mm	6	36	4 kg	●
GL46607	14 mm	32 mm	28.5 mm	191 mm	6	36	4.7 kg	●
GL46608	15 mm	34.5 mm	31 mm	200 mm	6	36	5.4 kg	●
GL46609	16 mm	35 mm	33 mm	208 mm	6	60	9.4 kg	●
GL46610	17 mm	38.5 mm	34.5 mm	226 mm	6	60	10.9 kg	●
GL46611	18 mm	41 mm	36 mm	236 mm	6	60	12 kg	●
GL46612	19 mm	42 mm	37 mm	248 mm	6	60	12.6 kg	●
GL46617	20 mm	46 mm	42 mm	292 mm	6	36	15 kg	●
GL46613	21 mm	46 mm	42 mm	292 mm	6	36	7.9 kg	●
GL46614	22 mm	46 mm	42 mm	292 mm	6	36	7.9 kg	●
GL46615	24 mm	52 mm	49 mm	334 mm	6	24	14.4 kg	●
GL46616	25 mm	52 mm	49 mm	334 mm	4	24	14.4 kg	●

- Ratcheting box end needs as little as 5 degree to move fastener VS. 30 degree for standard box end wrenches
- Surface Drive® reduces fastener rounding
- 15 degree offset provides additional knuckle clearance
- Compact reversing lever (no need to remove from fastener to change direction)

ASME B107.100-2010 (B107.66)



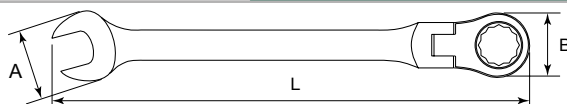
Metric Flex Head Ratcheting Wrenches

Cat. No.	Fastener Size	End A Width	End B Width	Overall Length				
GL46421	8 mm	20 mm	18.5 mm	144 mm	6	36	2.5 kg	●
GL46422	9 mm	20 mm	20 mm	152 mm	6	36	3.6 kg	●
GL46401	10 mm	22.5 mm	22 mm	161 mm	6	36	2.8 kg	●
GL46402	11 mm	25 mm	24 mm	168 mm	6	36	3.6 kg	●
GL46403	12 mm	27 mm	25 mm	174 mm	6	36	4.2 kg	●
GL46404	13 mm	30 mm	27.4 mm	181 mm	6	36	4.7 kg	●
GL46405	14 mm	32 mm	28.8 mm	193 mm	6	36	5.4 kg	●
GL46406	15 mm	34.5 mm	30.8 mm	202 mm	6	36	6.9 kg	●
GL46407	16 mm	35 mm	33 mm	210 mm	6	36	7.8 kg	●
GL46408	17 mm	38.5 mm	35 mm	227 mm	6	36	8.6 kg	●
GL46409	18 mm	41 mm	36 mm	238 mm	6	36	9.3 kg	●
GL46410	19 mm	42 mm	36.9 mm	249 mm	6	36	10.8 kg	●

Cat. No.	Fastener Size	End A Width	End B Width	Overall Length				
GL46412	21 mm	46 mm	42 mm	292 mm	6	36	18.5 kg	●
GL46413	22 mm	46 mm	42 mm	292 mm	6	36	20.7 kg	●
GL46414	24 mm	52.5 mm	49 mm	334 mm	6	24	15.6 kg	●
GL46415	25 mm	52.5 mm	49 mm	334 mm	6	24	16.4 kg	●

- Serrated beam allows you to feel which way to pull
- Surface Drive® reduces fastener rounding
- Flex head tilts up to 180 degree at any interval

ASME B107:100-2010 [B107.66]

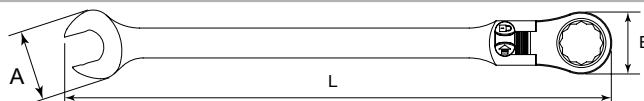


Metric XL Locking Flex Head Ratcheting Wrenches

Cat. No.	Fastener Size	End A Width	End B Width	Overall Length				
GL46801	8 mm	16.9 mm	17.9 mm	146 mm	6	72	4.6 kg	●
GL46802	9 mm	18.8 mm	19.6 mm	159 mm	6	72	5.3 kg	●
GL46803	10 mm	20.9 mm	21.3 mm	171 mm	6	72	6.7 kg	●
GL46804	11 mm	23.1 mm	23 mm	183 mm	6	72	7.5 kg	●
GL46805	12 mm	25 mm	24.1 mm	195 mm	6	72	9.6 kg	●
GL46806	13 mm	27.1 mm	26.2 mm	207 mm	6	72	10.4 kg	●
GL46807	14 mm	29.3 mm	26.7 mm	219 mm	6	72	11.8 kg	●
GL46808	15 mm	31.2 mm	29.9 mm	231 mm	6	72	13.4 kg	●
GL46809	16 mm	33.2 mm	31.7 mm	242 mm	6	36	9 kg	●
GL46810	17 mm	35.5 mm	32.2 mm	254 mm	6	36	10 kg	●
GL46811	18 mm	37.5 mm	33.3 mm	267 mm	6	36	11 kg	●
GL46812	19 mm	39.8 mm	36 mm	280 mm	6	36	12.5 kg	●
GL46813	20 mm	45.9 mm	42 mm	297 mm	6	24	13.2 kg	●
GL46814	21 mm	45.9 mm	42 mm	316 mm	6	24	13.7 kg	●
GL46815	22 mm	48.4 mm	42 mm	335 mm	6	24	14.2 kg	●
GL46816	24 mm	51.9 mm	49 mm	356 mm	6	24	19 kg	●
GL46817	25 mm	53.9 mm	49 mm	378 mm	6	24	19.2 kg	●

- 5° ratcheting arc VS. 30° on standard combination wrenches
- 13 locking positions with 180° flexible head
- One finger operated lever with options of "locking" or "not locking" positions
- Surface Drive® provides a stronger grip on fasteners

ASME B107:100-2010 [B107.66]



Wrench

XL X-BEAM®

Up to a 500% increase in surface contact area (vs. a standard wrench) to reduce hand fatigue.

COMBINATION OFFSET BOX END

55° offset on box end to reach recessed fasteners. Meet DIN 3113 standard.

55°

DEEP OFFSET DOUBLE BOX END

70° offset on box ends for extra clearance. Meet DIN 838 Standard.

70°



Surface Drive® reduces fastener rounding.

10 Pc. Metric XL X-Beam® Combination Wrench Set

Cat. No.				
GL08006	0	4	8.4 kg	●

CONTENTS:

8, 10, 12, 13, 14, 15, 16, 17, 18, 19 mm



6 Pc. Metric Combination Wrench Set

Cat. No.				
GL09018	3	18	8.4 kg	○

CONTENTS:

8, 10, 12, 13, 14, 15 mm



9 Pc. Metric Combination Wrench Set

Cat. No.				
GL09020	3	18	18 kg	●

CONTENTS:

8, 10, 11, 12, 13, 14, 15, 17, 19 mm



11 Pc. SAE Combination Wrench Set

Cat. No.				
GL09021	2	12	19 kg	○

CONTENTS:

1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8"



11 Pc. Metric Combination Wrench Set

Cat. No.				
GL09022	2	12	19 kg	

CONTENTS:
8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 22 mm



17 Pc. Metric Offset Combination Wrench Set

Cat. No.				
GL08018	1	6	16.9 kg	

CONTENTS:
6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm



7 Pc. Metric Combination Wrench Set

Cat. No.				
GL09036	0	6	6.5 kg	

CONTENTS:
8, 10, 12, 14, 17, 19, 22 mm



7 Pc. Metric Combination Wrench Set

Cat. No.				
GL09070	6	24	18.8 kg	

CONTENTS:
8, 10, 12, 13, 14, 17, 19 mm



11 Pc. Metric Combination Wrench Set

Cat. No.				
GL09064	3	12	22.5 kg	●

CONTENTS:

8, 9, 10, 11, 12, 13, 14, 17, 19, 21, 24 mm



14 Pc. Metric Combination Wrench Set

Cat. No.				
GL09026	0	12	22.8 kg	○

CONTENTS:

8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24 mm



14 Pc. Metric Combination Wrench Set

Cat. No.				
GL09062	1	4	20.5 kg	●

CONTENTS:

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



23 Pc. Metric Combination Wrench Set

Cat. No.				
GL09027	0	4	21.6 kg	○

CONTENTS:

6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18,
19, 20, 21, 22, 23, 24, 25, 27, 30, 32 mm



26 Pc. Metric Combination Wrench Set

Cat. No.				
GL09093	1	2	15.7 kg	

CONTENTS:
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



11 Pc. Metric Deep Offset Double Box End Wrench Set

Cat. No.				
GL08023	0	4	13.8 kg	

CONTENTS:
6x7, 8x9, 10x11, 12x13, 14x15, 16x17,
18x19, 20x22, 21x23, 24x27, 30x32 mm



70° offset on box ends to reach recessed fasteners

10 Pc. Metric Offset Double Box End Wrench Set

Cat. No.				
GL08012	0	6	10.9 kg	

CONTENTS:
5.5x7, 8x10, 9x11, 10x12, 12x14, 14x17,
17x19, 19x22, 24x27, 30x32 mm



8 Pc. Metric Double Open End Wrench Set

Cat. No.				
GL08009	0	8	10.1 kg	

CONTENTS:
5.5x7, 8x10, 10x12, 12x14, 14x17, 17x19, 19x22, 22x24 mm



8 Pc. Metric Double Open End Wrench Set

Cat. No.				
GL08013	1	12	13.6 kg	

CONTENTS:

6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 21x22 mm



10 Pc. Metric Double Open End Wrench Set

Cat. No.				
GL08019	1	6	14.2 kg	

CONTENTS:

6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 21x23, 24x27, 30x32 mm



10 Pc. Metric Double Open End Wrench Set

Cat. No.				
GL08010	0	6	12.2 kg	

CONTENTS:

5.5x7, 8x10, 9x11, 10x12, 12x14, 14x17, 17x19, 19x22, 24x27, 30x32 mm



13 Pc. Metric Double Open End Wrench Set

Cat. No.				
GL09029	0	4	13.8 kg	

CONTENTS:

6x7, 8x10, 10x12, 11x13, 12x14, 14x17, 17x19, 19x21, 21x23, 22x24, 23x26, 24x27, 30x32 mm



4 Pc. E-Torx® Box Wrench Set

Cat. No.				
GL09012	6	24	18 kg	

CONTENTS:
E6xE8, E10xE12, E14xE18, E20xE24



7 Pc. Metric Stubby Combination Wrench Set

Cat. No.				
GL09033	0	12	10.1 kg	

CONTENTS:
10, 11, 12, 13, 14, 17, 19 mm



6 Pc. Metric Flex Socket Wrench

Cat. No.				
GL09037	0	6	9.8 kg	

CONTENTS:
10, 12, 13, 14, 17, 19 mm



3 Pc. Metric Double Flex Head Socket Wrench Set

Cat. No.				
GL09044	6	24	17.1 kg	

CONTENTS:
8x10, 12x14, 17x19 mm



3 Pc. Metric Flare Nut Wrench Set

Cat. No.				
GL09031	6	36	15 kg	

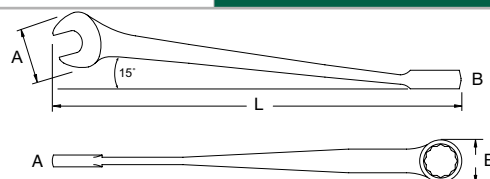
CONTENTS:
9x11, 13x14, 16x17 mm



Metric XL X-Beam® Combination Wrenches

Cat. No.	Fastener Size	End A Width	End B Width	Overall Length				
GL40281	8 mm	18.5 mm	13.6 mm	147 mm	6	96	4.2 kg	●
GL40282	9 mm	20.5 mm	15 mm	158 mm	6	96	5.6 kg	●
GL40283	10 mm	23.2 mm	16.1 mm	166 mm	6	96	6.4 kg	●
GL40284	11 mm	25.5 mm	17.4 mm	185 mm	6	96	7.2 kg	●
GL40285	12 mm	27.5 mm	18.5 mm	196 mm	6	96	8.6 kg	●
GL40286	13 mm	28.5 mm	19.8 mm	206 mm	6	72	7.8 kg	●
GL40287	14 mm	32.5 mm	21.5 mm	222 mm	6	72	8.6 kg	●
GL40288	15 mm	33.5 mm	22.6 mm	232 mm	6	72	11.4 kg	●
GL40289	16 mm	35.5 mm	24 mm	242 mm	6	36	6.4 kg	●
GL40290	17 mm	38.5 mm	26 mm	260 mm	6	36	7.8 kg	●
GL40291	18 mm	39 mm	26.6 mm	269 mm	6	36	8.6 kg	●
GL40292	19 mm	42.5 mm	28 mm	278.7 mm	6	36	10.1 kg	●

- Made of premium Chrome Vanadium steel
- Bright, full polish chrome finish
- Surface Drive® on box end provides off-corner loading for better grip and reduced fastener rounding
- Surface Drive Plus® on open end for stronger grip and reduced fastener rounding
- Hand and wrench contact area increased 5 times when operating (compared with conventional wrenches) for reduced hand fatigue
- Up to 25% longer to access hard-to-reach places



Metric Combination Wrenches

Cat. No.	Fastener Size	End A Width	End B Width	Overall Length				
GL40233	5.5 mm	13 mm	11.4 mm	127 mm	6	96	4.4 kg	●
GL40201	6 mm	13 mm	11.4 mm	127 mm	6	96	4.4 kg	●
GL40202	7 mm	14.4 mm	12.3 mm	133 mm	6	96	4.4 kg	●
GL40203	8 mm	16.5 mm	13.6 mm	140 mm	6	96	4.8 kg	●
GL40204	9 mm	18.5 mm	15 mm	149 mm	6	36	2.4 kg	●
GL40205	10 mm	20.5 mm	16 mm	159 mm	6	36	2.7 kg	●
GL40206	11 mm	22.5 mm	17.5 mm	165 mm	6	36	2.8 kg	●
GL40207	12 mm	25 mm	18.5 mm	171 mm	6	36	3.2 kg	●
GL40208	13 mm	27 mm	20 mm	177 mm	6	36	3.6 kg	●
GL40209	14 mm	29 mm	21.5 mm	190 mm	6	36	4.1 kg	●
GL40210	15 mm	31 mm	22.5 mm	199 mm	6	36	5.0 kg	●
GL40211	16 mm	33 mm	24 mm	208 mm	6	36	5.5 kg	●
GL40212	17 mm	35 mm	26 mm	225 mm	6	36	5.9 kg	●
GL40213	18 mm	37 mm	26.6 mm	237 mm	6	36	6.8 kg	●
GL40214	19 mm	39 mm	28 mm	248 mm	6	36	7.5 kg	●
GL40215	20 mm	42 mm	30 mm	265 mm	6	24	7.2 kg	●
GL40216	21 mm	43 mm	31 mm	271 mm	6	24	7.2 kg	●
GL40217	22 mm	45.3 mm	32 mm	293 mm	4	24	8.4 kg	●
GL40218	23 mm	47.5 mm	33 mm	304 mm	6	24	9.4 kg	●
GL40219	24 mm	49 mm	34 mm	316 mm	6	24	9.5 kg	●
GL40220	25 mm	51 mm	37.5 mm	335 mm	6	24	9.2 kg	●
GL40235	26 mm	54 mm	37.4 mm	348 mm	4	16	9.1 kg	●
GL40221	27 mm	55 mm	39 mm	359 mm	4	16	9.8 kg	●
GL40236	28 mm	62.5 mm	42.6 mm	402 mm	2	12	8.7 kg	●
GL40237	29 mm	62.5 mm	42.6 mm	402 mm	2	12	9.6 kg	●
GL40222	30 mm	65 mm	43 mm	415 mm	2	12	9.6 kg	●
GL40223	32 mm	66.5 mm	46 mm	426 mm	2	12	10 kg	●

- Surface Drive® on box end provides off-corner loading for better grip and reduced fastener rounding
- Bright, full polish chrome finish
- Made of premium Chrome Vanadium steel

DIN 3113

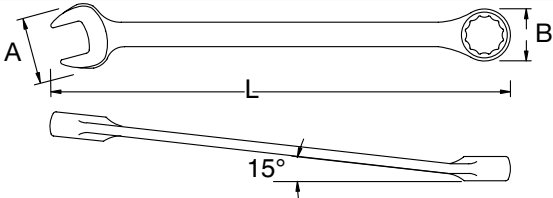


Metric Jumbo Combination Wrenches Matte Finished

Cat. No.	Fastener Size	End A Width	End B Width	Overall Length				
GL40241	34 mm	71 mm	50 mm	476 mm	2	12	12.3 kg	
GL40242	35 mm	71 mm	50 mm	476 mm	2	12	12.3 kg	
GL40243	36 mm	79 mm	55.5 mm	501 mm	2	8	14 kg	
GL40244	38 mm	79 mm	55.5 mm	501 mm	2	8	14 kg	
GL40245	41 mm	86.5 mm	61 mm	578 mm	2	8	18.8 kg	
GL40246	42 mm	86.5 mm	61 mm	578 mm	2	8	18.8 kg	
GL40248	46 mm	93 mm	65.5 mm	615 mm	2	6	15.7 kg	
GL40249	48 mm	100 mm	74.5 mm	654 mm	2	6	20.7 kg	
GL40250	50 mm	100 mm	74.5 mm	654 mm	2	6	20.7 kg	
GL40251	55 mm	109 mm	80 mm	670 mm	0	2	7.5 kg	
GL40252	60 mm	120 mm	87 mm	692 mm	0	2	9.5 kg	

- Surface Drive® on box end provides off-corner loading for better grip and reduced fastener rounding
- Matte finished
- Made of premium Chrome Vanadium steel

DIN 3113



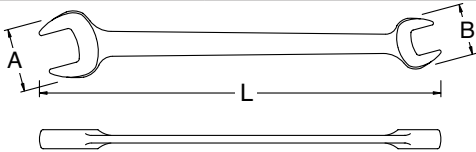


Metric Double Open End Wrenches

Cat. No.	Fastener Size	End A Width	End B Width	Overall Length				
GL41216	5.5x 7 mm	12.5 mm	16.5 mm	124 mm	6	96	4.4 kg	●
GL41201	6x7 mm	12.5 mm	16.5 mm	124 mm	6	96	4.4 kg	●
GL41301	8x9 mm	16.7 mm	18.8 mm	137 mm	6	36	2.5 kg	●
GL41202	8x10 mm	16.5 mm	20.8 mm	150 mm	6	36	2.5 kg	●
GL41217	9x11 mm	20.8 mm	23 mm	150 mm	6	36	2.7 kg	●
GL41302	10x11 mm	20.8 mm	23 mm	150 mm	6	36	2.9 kg	●
GL41203	10x12 mm	20.8 mm	25 mm	163 mm	6	36	2.9 kg	●
GL41204	11x13 mm	23 mm	27 mm	175 mm	6	36	3.5 kg	●
GL41303	12x13 mm	24.6 mm	27.2 mm	163 mm	6	36	4 kg	●
GL41205	12x14 mm	25 mm	29 mm	187 mm	6	36	4 kg	●
GL41218	13x15 mm	27 mm	33.4 mm	182 mm	6	36	4.3 kg	●
GL41219	13x16 mm	27 mm	33.4 mm	182 mm	6	36	5.2 kg	●
GL41304	14x15 mm	29 mm	33.4 mm	182 mm	6	36	5.2 kg	●
GL41206	14x17 mm	29 mm	35.5 mm	201 mm	6	36	5.4 kg	●
GL41305	16x17 mm	33.4 mm	35.5 mm	201 mm	6	36	7.4 kg	●
GL41214	16x18 mm	33.4 mm	35.5 mm	201 mm	6	36	7.6 kg	●
GL41207	17x19 mm	35.5 mm	39.7 mm	228 mm	6	36	6.1 kg	●
GL41225	18x19 mm	35.5 mm	39.7 mm	228 mm	6	24	6.2 kg	●
GL41208	19x21 mm	39.7 mm	43.8 mm	240 mm	4	24	6.3 kg	●
GL41215	19x22 mm	43.8 mm	46 mm	254 mm	4	24	6.2 kg	●
GL41227	20x22 mm	42 mm	45.3 mm	254 mm	4	24	6.9 kg	●
GL41226	21x22 mm	43.8 mm	46 mm	254 mm	4	24	7.4 kg	●
GL41209	21x23 mm	43.8 mm	48 mm	262 mm	4	24	8.4 kg	●
GL41210	22x24 mm	46 mm	50 mm	285 mm	4	24	9.6 kg	●
GL41211	23x26 mm	48 mm	54.3 mm	300 mm	4	24	10.1 kg	●
GL41212	24x27 mm	48 mm	54.3 mm	300 mm	4	24	10.8 kg	●
GL41220	27x30 mm	56.4 mm	62.5 mm	290 mm	4	24	15.5 kg	●
GL41213	30x32 mm	62 mm	66.8 mm	310 mm	4	24	16.5 kg	●
GL41221	30x34 mm	66.8 mm	69.7 mm	329 mm	4	24	17 kg	●
GL41222	32x34 mm	66.8 mm	69.7 mm	329 mm	4	12	10.4 kg	●
GL41223	34x36 mm	70 mm	75.5 mm	341 mm	4	12	12.4 kg	●

- Made of premium Chrome Vanadium steel
- Bright, full polish chrome finish

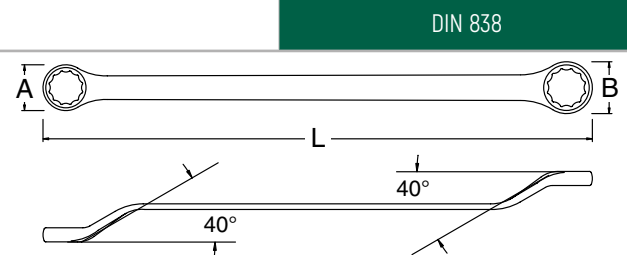
DIN 3110



Metric Offset Double Box End Wrenches

Cat. No.	Fastener Size	End A Width	End B Width	Overall Length				
GL42221	5.5x7 mm	11.3 mm	13.5 mm	165 mm	6	36	2.8 kg	
GL42213	6x7 mm	11.3 mm	13.5 mm	165 mm	6	36	2.8 kg	
GL42214	8x9 mm	14.2 mm	14.5 mm	175 mm	6	36	3.4 kg	
GL42201	8x10 mm	14 mm	16 mm	185 mm	6	36	3.4 kg	
GL42222	9x11 mm	16.2 mm	18.4 mm	195 mm	6	36	4 kg	
GL42215	10x11 mm	16.2 mm	18.4 mm	196 mm	6	36	4 kg	
GL42202	10x12 mm	16.2 mm	18.4 mm	196 mm	6	36	4 kg	
GL42203	11x13 mm	18.4 mm	20.7 mm	205 mm	6	36	4.4 kg	
GL42216	12x13 mm	18.4 mm	20.7 mm	205 mm	6	36	5.4 kg	
GL42204	12x14 mm	19.8 mm	21.8 mm	220 mm	6	36	5.4 kg	
GL42223	13x15 mm	22.5 mm	24.8 mm	235 mm	6	36	5.7 kg	
GL42224	13x16 mm	22.5 mm	24.8 mm	235 mm	6	36	5.7 kg	
GL42217	14x15 mm	22.5 mm	24.5 mm	235 mm	6	36	6 kg	
GL42205	14x17 mm	22.7 mm	25.7 mm	235 mm	6	36	6 kg	
GL42218	16x17 mm	24.5 mm	25.5 mm	240 mm	6	36	7.2 kg	
GL42219	16x18 mm	26.6 mm	27.7 mm	250 mm	6	36	7.8 kg	
GL42206	17x19 mm	26.6 mm	27.7 mm	250 mm	6	36	8.1 kg	
GL42207	19x21 mm	28 mm	32 mm	270 mm	4	24	7.2 kg	
GL42220	19x22 mm	28 mm	32 mm	270 mm	4	36	7.4 kg	
GL42208	21x23 mm	30.5 mm	33 mm	290 mm	4	24	8.3 kg	
GL42209	22x24 mm	32 mm	34 mm	320 mm	4	24	10.2 kg	
GL42210	23x26 mm	34 mm	39 mm	360 mm	4	24	12.1 kg	
GL42211	24x27 mm	34 mm	39 mm	360 mm	4	24	12.1 kg	
GL42225	27x30 mm	39 mm	42.8 mm	390 mm	4	24	12.3 kg	
GL42212	30x32 mm	42.8 mm	46.3 mm	420 mm	4	24	12.6 kg	

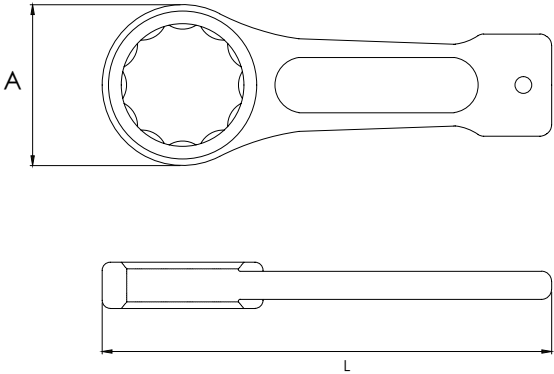
- Surface Drive® on box end provides off-corner loading for better grip and reduced fastener rounding
- Bright, full polish chrome finish
- Made of premium Chrome Vanadium steel



Metric Box End Slugging Wrenches

Cat. No.	Fastener Size	End A Width	Overall Length				
GL48505	27 mm	45 mm	175 mm	6	24	10 kg	
GL48506	30 mm	55 mm	185 mm	6	24	10.2 kg	
GL48507	32 mm	50 mm	850 mm	6	24	10.5 kg	
GL48509	36 mm	55 mm	200 mm	6	24	14.2 kg	
GL48512	41 mm	62 mm	222 mm	6	24	18 kg	
GL48515	46 mm	75 mm	240 mm	6	24	22 kg	
GL48516	50 mm	75 mm	245 mm	6	18	22.6 kg	
GL48517	55 mm	85 mm	265 mm	6	12	17.3 kg	
GL48519	60 mm	90 mm	270 mm	6	12	19 kg	
GL48520	65 mm	90 mm	270 mm	6	12	23.8 kg	
GL48521	70 mm	105 mm	320 mm	3	6	9.7 kg	
GL48522	75 mm	110 mm	330 mm	1	6	17 kg	
GL48523	80 mm	131 mm	359 mm	1	6	23 kg	
GL48524	85 mm	131 mm	359 mm	1	6	23 kg	
GL48525	90 mm	145 mm	391 mm	1	4	22 kg	
GL48526	95 mm	145 mm	391 mm	1	4	24 kg	
GL48527	100 mm	158 mm	421 mm	1	2	14 kg	
GL48528	105 mm	158 mm	421 mm	1	2	14 kg	
GL48529	110 mm	172 mm	450 mm	1	2	17 kg	
GL48530	115 mm	172 mm	450 mm	1	2	16 kg	
GL48531	120 mm	185 mm	480 mm	1	2	19 kg	

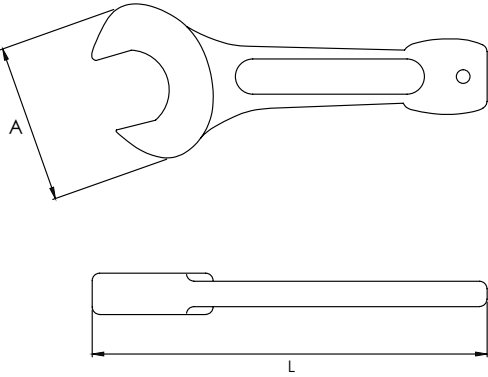
- Forged from alloy steel, heat treated and hardened for durability and rust resistance
- Striking end for hammer strike to loose frozen fasteners or to tighten fasteners



Metric Open End Slugging Wrenches

Cat. No.	Fastener Size	End A Width	Overall Length				
GL48603	27 mm	55 mm	175 mm	6	24	10.4 kg	
GL48604	30 mm	65 mm	190 mm	6	24	13 kg	
GL48605	32 mm	60 mm	185 mm	6	24	14 kg	
GL48607	36 mm	170 mm	210 mm	6	24	17.8 kg	
GL48609	41 mm	85 mm	230 mm	6	24	23.44 kg	
GL48610	46 mm	95 mm	240 mm	6	18	22 kg	
GL48611	50 mm	100 mm	270 mm	6	12	18.8 kg	
GL48612	55 mm	115 mm	295 mm	6	12	23.6 kg	
GL48613	60 mm	120 mm	310 mm	3	6	13.9 kg	
GL48614	65 mm	195 mm	330 mm	3	6	19.4 kg	
GL48615	70 mm	150 mm	365 mm	3	6	22.1 kg	
GL48616	75 mm	156 mm	390 mm	1	6	29 kg	
GL48617	80 mm	173 mm	408 mm	1	4	28 kg	
GL48618	85 mm	173 mm	408 mm	1	4	26 kg	
GL48619	90 mm	193 mm	445 mm	1	2	19 kg	
GL48620	95 mm	193 mm	445 mm	1	2	19 kg	
GL48621	100 mm	214 mm	485 mm	1	2	22 kg	
GL48622	105 mm	214 mm	485 mm	1	2	22 kg	

- Forged from alloy steel, heat treated and hardened for durability and rust resistance
- Striking end for hammer strike to loose frozen fasteners or to tighten fasteners





Ratcheting Adjustable Wrench



VERSATILITY
Movable jaw works on any 4- or 6-point fastener up to 24 mm

VERSATILITY
Laser etched Metric/SEA markings

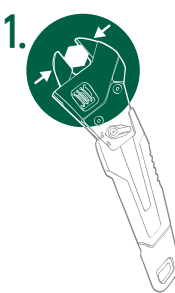
STRENGTH
Meet ANSI torque specification

CONVENIENCE
Ratcheting on/off switch allows wrench to be used as traditional adjustable wrench

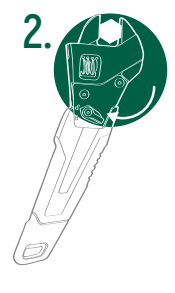
COMFORT
Unique handle design accommodates a wide variety of hand sizes. TRP soft grip material for maximum comfort

SPEED
Smooth ratcheting action is intuitive and easy to use

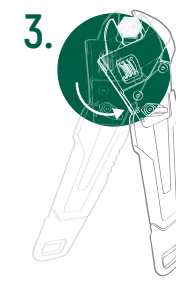
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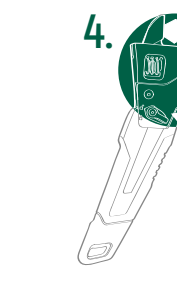
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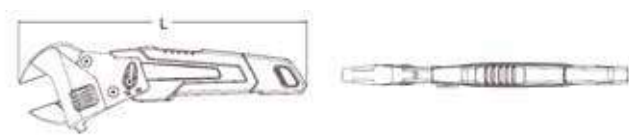


Ratcheting Adjustable Wrench

Cat. No.	Size	Length	Jaw Capacity	Head Thickness				
GL47403	8 in	215.2 mm	25 mm	14.5 mm	6	36	13 kg	



ASME B107.100-2010 (B107.8)



Adjustable Wrench



Hex jaw design reduces slippage and tightly grips bolt

Larger Curl for smoother operation

Wide opening jaw for greater capacity and allows each tool to work with more fastener sizes

Wide handle for improved comfort and better leverage

These features can be found in part no. 47201-47208

06

VDE Insulated Adjustable Wrench



Cat. No.	Size	Length	Jaw Capacity	Head Thickness				
GL47101	6 in	163 mm	24 mm	11.6 mm	6	48	6.7 kg	●
GL47102	8 in	215 mm	28.2 mm	11.7 mm	6	48	15.9 kg	●
GL47103	10 in	260 mm	36.6 mm	16.4 mm	6	36	21.6 kg	●
GL47104	12 in	312 mm	38 mm	20.4 mm	6	24	18.5 kg	●

- Tested to 10,000 volts to ensure user safety
- Made of alloy steel with chrome plated surface for better antirust ability
- Dual material two-tone patented handle. Oil and scratch resistance



Adjustable Wrenches

Cat. No.	Size	Length	Jaw Capacity	Head Thickness				
GL47201	4 in	100 mm	12.7 mm	9.4 mm	4	24	2.1 kg	
GL47202	6 in	150 mm	23.8 mm	11 mm	6	36	6.2 kg	
GL47203	8 in	200 mm	28.5 mm	12.6 mm	6	36	10.5 kg	
GL47204	10 in	250 mm	33.3 mm	15.7 mm	6	48	18.2 kg	
GL47205	12 in	300 mm	38.1 mm	19 mm	6	18	14.4 kg	
GL47206	15 in	375 mm	42.8 mm	23.9 mm	3	6	8.9 kg	
GL47207	18 in	450 mm	52.4 mm	28.5 mm	2	4	9.2 kg	
GL47208	24 in	600 mm	61.9 mm	34.5 mm	1	2	8.4 kg	

- Wide handle for improved comfort and better leverage
- Wide opening jaw for greater capacity and allows each tool to work with more fastener sizes
- Larger knurl for smoother operation
- Hex jaw design reduces slippage and tightly grips bolt

DIN 3117



Wide Jaw Adjustable Wrench Black Phosphate

Cat. No.	Size	Length	Jaw Capacity	Head Thickness				
ST47122	6 in	150 mm	28.6 mm	11 mm	6	72	17.8 kg	
ST47123	8 in	200 mm	35.9 mm	13.2 mm	6	48	18.4 kg	
ST47124	10 in	250 mm	39 mm	15.5 mm	6	36	21.1 kg	
ST47125	12 in	300 mm	43 mm	19 mm	4	24	20.5 kg	
ST47130	6 & 10 in Set	150 mm & 250 mm	28.6 mm & 39 mm	11 mm & 15.5 mm	1	12	10.1 kg	

- Innovative hex-shaped jaw opens wider than a traditional design and fits bolt geometry, reducing slippage and gripping bolts tightly
- Larger knurl makes adjustment more convenient to maintain an improved grip on the fastener
- Built-in scale measures in both SAE standard and metric sizes for quick fastener identification

DIN 3117

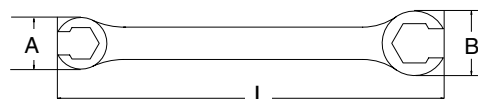


Dipping Handle Adjustable Wrench

Cat. No.	Size	Length	Jaw Capacity	Head Thickness				
GL47221	4 in	100 mm	12.7 mm	8.6 mm	6	48	6.6 kg	●
GL47222	6 in	150 mm	23.8 mm	9.5 mm	6	48	9.5 kg	●
GL47223	8 in	200 mm	28.5 mm	12 mm	6	36	11.1 kg	●
GL47224	10 in	250 mm	33.3 mm	14 mm	6	24	11.8 kg	●
GL47225	12 in	300 mm	38.1 mm	16.5 mm	4	16	12.8 kg	●
GL47226	15 in	375 mm	42.8 mm	21 mm	3	6	9.3 kg	●

- Wide handle for improved comfort and better leverage
- Wide opening jaw for greater capacity and allows each tool to work with more fastener sizes
- Dipping handle for better grip
- Larger knurl for smoother operation
- Matte finished

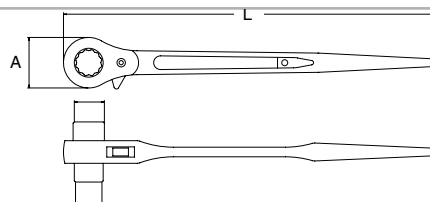
DIN 3117



Metric Construction Ratcheting Wrenches

Cat. No.	Fastener Size	End A Width	Overall Length				
GL47305	12x14 mm	31 mm	225 mm	2	36	9.4 kg	○
GL47308	14x17 mm	35 mm	270 mm	2	36	12.1 kg	○
GL47309	17x19 mm	42 mm	305 mm	2	36	18.6 kg	○
GL47310	17x21 mm	40 mm	310 mm	2	36	18.6 kg	○
GL47312	19x21 mm	40 mm	310 mm	2	36	18.6 kg	○
GL47313	19x22 mm	40 mm	310 mm	2	36	18.5 kg	○
GL47314	19x24 mm	45 mm	310 mm	2	36	17.6 kg	○
GL47317	21x26 mm	54 mm	370 mm	2	12	12 kg	○
GL47319	22x24 mm	55 mm	370 mm	2	12	12 kg	○
GL47321	24x27 mm	65 mm	400 mm	2	12	14.2 kg	○
GL47322	24x30 mm	60 mm	400 mm	2	12	14.4 kg	○
GL47324	30x32 mm	65 mm	420 mm	2	12	13.7 kg	○
GL47325	32x36 mm	65 mm	420 mm	2	12	19 kg	○

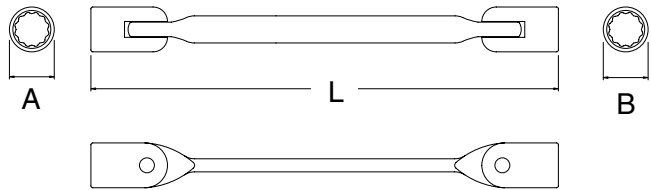
- The tip end can be used to twist wire. Suitable for heavy duty jobs
- Composite function of socket and ratchet
- Made of Chrome Vanadium steel



Metric Double Flex Head Socket Wrenches

Cat. No.	Fastener Size	End A Width	End B Width	Overall Length				
GL47501	8x9 mm	12.7 mm	14 mm	183 mm	6	48	5.2 kg	
GL47502	10x11 mm	14.7 mm	15.8 mm	197 mm	6	48	6.4 kg	
GL47503	12x13 mm	16.2 mm	17.4 mm	211 mm	6	48	9.2 kg	
GL47504	14x15 mm	19.8 mm	21.9 mm	240 mm	6	48	9.4 kg	
GL47505	16x17 mm	23.9 mm	24 mm	256 mm	6	36	12.1 kg	
GL47506	18x19 mm	26.9 mm	27 mm	272 mm	6	36	14.9 kg	

- Double socket ends for fine indexing and maximum versatility
- Made of premium Chrome Vanadium alloy steel

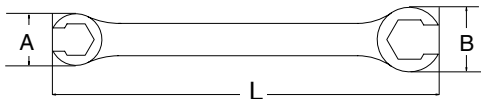


Metric Flare Nut Wrenches

Cat. No.	Fastener Size	End A Width	End B	Overall Length				
GL48200	8x10 mm	17.3 mm	21 mm	140 mm	6	36	3.3 kg	
GL48201	9x11 mm	19.4 mm	22.2 mm	152 mm	6	36	3.6 kg	
GL48204	10x12 mm	21 mm	23.4 mm	166 mm	6	36	7.3 kg	
GL48202	13x14 mm	24.9 mm	26.1 mm	178 mm	6	36	4 kg	
GL48203	16x17 mm	27.5 mm	30.5 mm	193 mm	6	36	5.6 kg	

- Made of Chrome Vanadium steel

DIN 3113

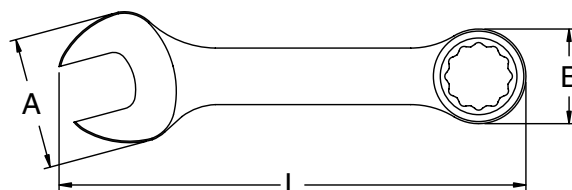


Metric Stubby Combination Wrenches

Cat. No.	Fastener Size	End A Width	End B Width	Overall Length				
GL49201	10 mm	20.5 mm	16 mm	95.5 mm	6	96	5.3 kg	
GL49202	11 mm	22.6 mm	17.5 mm	103 mm	6	96	5.3 kg	
GL49203	12 mm	24.6 mm	18.5 mm	106.5 mm	6	96	6 kg	
GL49204	13 mm	26.7 mm	20 mm	108.5 mm	6	36	2.7 kg	
GL49205	14 mm	29 mm	21.5 mm	115.5 mm	6	36	3.3 kg	
GL49208	17 mm	35 mm	26 mm	127.5 mm	6	36	4.5 kg	
GL49210	19 mm	39.5 mm	28 mm	139.5 mm	4	24	4.3 kg	

- Special for working in narrow space
- Made of Chrome Vanadium steel

DIN 3113



06

T-Handle 6 Point Socket Wrench

Cat. No.	Fastener Size	Overall Length				
GL47701	8 mm	310 mm	6	36	10.6 kg	
GL47702	9 mm	310 mm	6	36	10.6 kg	
GL47703	10 mm	308 mm	6	36	10.6 kg	
GL47704	11 mm	308 mm	6	36	11.8 kg	
GL47705	12 mm	308 mm	6	36	11.8 kg	
GL47706	13 mm	310 mm	6	36	15.7 kg	
GL47707	14 mm	310 mm	6	36	15.7 kg	
GL47710	17 mm	313 mm	6	12	7.6 kg	
GL47712	19 mm	313 mm	6	12	7.6 kg	

- Socket made of Chrome Vanadium alloy steel



Heavy Duty Pipe Wrench

Cat. No.	Size	Jaw Capacity	Overall Length	Head Thickness				
GL70812	8 in	25 mm	200 mm	20 mm	6	36	14.7 kg	●
GL70813	10 in	30 mm	250 mm	30 mm	6	24	18.9 kg	●
GL70814	12 in	40 mm	300 mm	30 mm	6	12	14.5 kg	●
GL70815	14 in	50 mm	350 mm	35 mm	6	12	20.7 kg	●
GL70816	18 in	60 mm	450 mm	38 mm	3	6	15.3 kg	●
GL70817	24 in	75 mm	600 mm	40 mm	2	4	16 kg	●
GL70818	36 in	85 mm	900 mm	55 mm	1	2	19.3 kg	●
GL70819	48 in	110 mm	1200 mm	70 mm	1	2	29.6 kg	●

- Forged jaw, featuring easing spinning adjusting nut
- Made of Chrome Vanadium steel for strength and durability



Aluminum Pipe Wrench

Cat. No.	Size	Jaw Capacity	Overall Length	Head Thickness				
GL70825	14 in	48 mm	350 mm	24 mm	6	24	25.3 kg	○
GL70826	18 in	60 mm	450 mm	26 mm	2	6	9.6 kg	○
GL70828	36 in	102 mm	900 mm	32 mm	0	2	9.8 kg	○
GL70829	48 in	141 mm	1200 mm	35 mm	0	2	17 kg	○

- Aluminum lightweight construction with steel jaw reduces fatigue and offers the same durability as same-size standard models



A-Series Mechanical Torque Wrench



06

A-Series Mechanical Torque Wrench

Cat. No.	Drive Tang Size	Overall Length	Primary Scale Range	Max Torque				
GL96211	1/4 in	228 mm	1 Nm	5 Nm	0	16	9.8 kg	●
GL96212	3/8 in	268 mm	5 Nm	25 Nm	0	16	10.2 kg	●
GL96311	1/2 in	472 mm	20 Nm	100 Nm	0	10	17.2 kg	●
GL96312	1/2 in	555 mm	40 Nm	200 Nm	0	10	18.9 kg	●
GL96313	1/2 in	616 mm	68 Nm	340 Nm	0	10	21.8 kg	●
GL96411	3/4 in	864 mm	110 Nm	550 Nm	0	1	6.7 kg	●
GL96412	3/4 in	1107 mm	160 Nm	800 Nm	0	1	7.3 kg	●

DIN 152374-919-51903-98



	Torque Wrench is a precision instrument. Warranty conditions: SATA Torque Products are warrantee to (1) be free of defects in material and workmanship. (2) Accuracy standards for calibration are warrantee for 90 days from date of purchase. Products for which warranty repair is	requested should be returned, at Buyer's cost, to your nearest repair center. SATA Torque Products are precision instruments that contain moving parts. These components are subject to normal wear through use, and replacement there of is the responsibility of the Buyer. Torque Products should be routinely checked for calibration at	an authorized repair center using SATA repair parts. This Warranty shall not apply to Products which have been misused, abused, damaged by accident or otherwise, repaired by anyone other than an authorized repair center or modified by anyone other than SATA Tools.
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Pliers, Crimping Tool, Snips & Cutter

CUSHION GRIP PLIERS

Specially treated cutting edge for extended cutting life.

Durable Chrome Nickel steel construction ensures lasting use.

Black finishing applied prior to polishing to help protect against corrosion.

Available in:

- Long Nose Pliers
- Diagonal Pliers
- Linesman Pliers
- Mini Pliers

EXTREME LEVERAGE PLIERS

Drop forged and specially treated for long cutting life.

Special pivot joint design reduces effort by 40% to makes cuts.

Available in:

- Long Nose Pliers
- Diagonal Pliers
- Linesman Pliers
- End Nipper Pliers



TPE two-tone handle for maximum user comfort and reduced hand fatigue.

Anti-slip and oil resistant.

5 Pc. Combination Snap Ring Pliers Set

Cat. No.				
GL09251	6	48	15.7 kg	●

CONTENTS:

- 1 - Snap Ring Pliers
- 1 - 1.2mm Straight Tip
- 1 - 14mm Straight Tip
- 1 - 45 Degree Tip
- 1 - 90 Degree Tip



3 Pc. VDE Insulated Pliers Set

Cat. No.				
GL09261	1	6	5 kg	●

CONTENTS:

- 1 - 70333 8" VDE Insulated Linesman Pliers
- 1 - 70232 6" VDE Insulated Diagonal Pliers
- 1 - 70131 6" VDE Insulated Long Nose Pliers



Long Nose Pliers

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width				
GL70101A	6 in	165 mm	10 mm	20 mm	57 mm	6	96	5.3 kg	●
GL70102A	8 in	207 mm	12 mm	22.8 mm	57 mm	6	96	5.3 kg	●

- Specially treated cutting edge for extended cutting life
- Durable Chrome Nickel steel construction ensures lasting use
- Black finishing applied prior to polishing to help protect against corrosion
- TPE two-tone handle for maximum user comfort and reduced hand fatigue

Cat. No.	Size	Cutting Capacity (mm)
GL70101A	6 in	Copper Wire Ø2.2, Iron Wire Ø2.0, Hard Wire Ø1.6
GL70102A	8 in	Copper Wire Ø2.6, Iron Wire Ø2.4, Hard Wire Ø2.0



ANSI B10713M

DIN 5236

Diagonal Pliers

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width				
GL70201A	5 in	131 mm	9.8 mm	17 mm	54 mm	6	36	7.1 kg	●
GL70202A	6 in	161 mm	11.2 mm	18.5 mm	57 mm	6	36	9.2 kg	●
GL70203A	7 in	187 mm	13.8 mm	30 mm	57 mm	6	36	11.8 kg	●

- Specially treated cutting edge for extended cutting life
- Durable Chrome Nickel steel construction ensures lasting use
- Black finishing applied prior to polishing to help protect against corrosion
- TPE two-tone handle for maximum user comfort and reduced hand fatigue

Cat. No.	Size	Cutting Capacity (mm)
GL70201A	5 in	Copper Wire Ø2.2, Iron Wire Ø2.0, Hard Wire Ø1.6
GL70202A	6 in	Copper Wire Ø2.6, Iron Wire Ø2.4, Hard Wire Ø2.0
GL70203A	7 in	Copper Wire Ø2.6, Iron Wire Ø2.4, Hard Wire Ø2.0



ANSI B10711M

DIN 5238

Linesman Pliers

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width				
GL70301A	6 in	154 mm	10 mm	23.5 mm	52 mm	6	36	9.6 kg	●
GL70302A	7 in	177 mm	10.5 mm	25 mm	55 mm	6	36	11.4 kg	●
GL70303A	8 in	208 mm	11.5 mm	28.5 mm	55 mm	6	36	15 kg	●

- Specially treated cutting edge for extended cutting life
- Durable Chrome Nickel steel construction ensures lasting use
- Black finishing applied prior to polishing to help protect against corrosion
- TPE two-tone handle for maximum user comfort and reduced hand fatigue



Cat. No.	Size	Cutting Capacity (mm)	ANSI B107.13M	DIN 5236
GL70301A	6 in	Copper Wire Ø2.6, Iron Wire Ø2.4, Hard Wire Ø2.0		
GL70302A	7 in	Copper Wire Ø2.6, Iron Wire Ø2.4, Hard Wire Ø2.0		
GL70303A	8 in	Copper Wire Ø2.6, Iron Wire Ø2.5, Hard Wire Ø2.0		

Mini Linesman Pliers

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width				
GL70611A	4 in	111.5 mm	6.5 mm	11 mm	11 mm	6	36	5.3 kg	○

- Specially treated cutting edge for extended cutting life
- Durable Chrome Nickel steel construction ensures lasting use
- TPE two-tone handle for maximum user comfort and reduced hand fatigue



Cutting Capacity (mm)	ANSI B107.20M
Copper Wire Ø1.5, Iron Wire Ø1.3, Hard Wire Ø1.0	

Mini Long Nose Pliers

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width				
GL70612A	5 in	123.5 mm	6.5 mm	11 mm	11 mm	6	36	5.3 kg	●

- Specially treated cutting edge for extended cutting life
- Durable Chrome Nickel steel construction ensures lasting use
- TPE two-tone handle for maximum user comfort and reduced hand fatigue



Cutting Capacity (mm)	ANSI B107.13M
Copper Wire Ø1.5, Iron Wire Ø1.3, Medium Hard Wire Ø1.0	

Mini Bent Nose Pliers

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width				
GL70613A	5 in	123.5 mm	6.5 mm	11 mm	11 mm	6	36	5.3 kg	○

- Specially treated cutting edge for extended cutting life
- Durable Chrome Nickel steel construction ensures lasting use
- TPE two-tone handle for maximum user comfort and reduced hand fatigue



Cutting Capacity (mm)

Copper Wire Ø1.5, Iron Wire Ø1.3, Hard Wire Ø1.0

ANSI B10713M

Mini Flat Nose Pliers

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width				
GL70614A	5 in	123.5 mm	6.5 mm	11 mm	11 mm	6	36	5.3 kg	○

- Specially treated cutting edge for extended cutting life
- Durable Chrome Nickel steel construction ensures lasting use
- TPE two-tone handle for maximum user comfort and reduced hand fatigue



ANSI B10713M

Mini Diagonal Pliers

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width				
GL70615A	4 in	110.5 mm	6.5 mm	11 mm	11 mm	6	36	5.3 kg	●

- Specially treated cutting edge for extended cutting life
- Durable Chrome Nickel steel construction ensures lasting use
- TPE two-tone handle for maximum user comfort and reduced hand fatigue



Cutting Capacity (mm)

Copper Wire Ø1.5, Iron Wire Ø1.3, Hard Wire Ø1.0

ANSI B10711M

Mini End Cutting Pliers

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width				
GL70616A	4 in	103.5 mm	13 mm	16.5 mm	16.5 mm	6	36	5.3 kg	
• Specially treated cutting edge for extended cutting life • Durable Chrome Nickel steel construction ensures lasting use • TPE two-tone handle for maximum user comfort and reduced hand fatigue									
Cutting Capacity (mm)						ANSI B107.11M			
Copper Wire Ø1.5, Iron Wire Ø1.3, Medium Hard Wire Ø1.0									

Extreme Leverage Diagonal Pliers

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width				
ST72303B-02	8 in	202 mm	12.6 mm	30 mm	59 mm	6	36	14.8 kg	
• Drop forged and specially treated for long cutting life • Special pivot joint design reduces effort by 40% to make cuts • Made of Chrome Nickel steel • TPE handle for maximum user comfort and reduced hand fatigue									
Cutting Capacity (mm)									
Copper Wire Ø2.6, Iron Wire Ø24, Hard Wire Ø2.0									
						ANSI B107.11M		DIN 5238	

Extreme Leverage Long Nose Pliers

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width				
GL72402A	8 in	207.6 mm	12.6 mm	23.6 mm	59 mm	6	36	12.7 kg	
• Drop forged and specially treated for long cutting life • Special pivot joint design reduces effort by 40% to make cuts • Made of Chrome Nickel steel • TPE handle for maximum user comfort and reduced hand fatigue									
Cutting Capacity (mm)									
Copper Wire Ø2.6, Iron Wire Ø24, Hard Wire Ø2.0						ANSI B107.13M		DIN 5236	

End Cutting Pliers

Cat. No.	Size	Overall Length	Overall Width				
GL70601SM	6 in	158 mm	47 mm	10	80	21 kg	●
GL70602SM	8 in	199 mm	47 mm	10	40	18 kg	●

- Heavy duty, cutting edges treated with additional induction hardening
- Industrial finish, polished head
- Dipped handle



Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Groove Joint Pliers

Cat. No.	Size	Overall Length	Jaw Thickness	Overall Width				
GL70411	8 in	208 mm	10 mm	48 mm	6	60	19.6 kg	●
GL70412	10 in	262 mm	11 mm	61 mm	3	24	12.3 kg	●
GL70413	12 in	321 mm	12 mm	68 mm	3	24	17 kg	●
GL70414	16 in	426 mm	17 mm	71 mm	3	18	26.9 kg	●

- Chrome Vanadium steel construction
- Non-slip dipped handle grips

Cat. No.	Size	Pipe Diameter (mm)
GL70411	8 in	4-31
GL70412	10 in	5-45
GL70413	12 in	5-54
GL70414	16 in	10-92



ANSI B107.23M

DIN 5231

Slip Joint Pliers

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width				
GL70511	6 in	160 mm	9.5 mm	29 mm	55 mm	6	60	13.4 kg	○
GL70512	8 in	208 mm	10.5 mm	31 mm	55 mm	6	48	17.6 kg	○

- Chrome Vanadium steel construction
- Non-slip dipped handle grips

Cat. No.	Size	Pipe Diameter (mm)
GL70511	8 in	5-30
GL70512	10 in	6-36



ANSI B107.23M

DIN 5231

Straight Double-X Pliers

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width				
GL70711	13-1/2 in	340 mm	10 mm	17 mm	3	36	0.4 kg	



ANSI B107.11M

DIN 5238

45 Degree Double-X Pliers

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width				
GL70721	13-1/2 in	335 mm	10 mm	17 mm	3	36	0.4 kg	



ANSI B107.13M

DIN 5236

Wire and Cable Cutting Pliers

Cat. No.	Size	Overall Length				
GL72502	8 in	200 mm	6	36	13 kg	
GL72503	10 in	250 mm	6	36	19.4 kg	

• For cutting vinyl coated or copper cable



Cat. No.	Size	Cutting Capacity (mm)
GL72502	8 in	Ø11
GL72503	10 in	Ø13

Plastic Flush Cutting Pliers

Cat. No.	Size	Overall Length	Overall Width				
GL70642	6 in	161 mm	55 mm	6	36	7.5 kg	●

- Not for use in cutting metal material
- For cutting plastic / vinyl coated cable
- Japanese-style curved blade with spring
- Body hardness HRC43~48; Blade hardness HRC56~62
- Made of Chrome Vanadium steel.



Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.



Cutting Capacity (mm)

Resin Ø5

ANSI B10711M

VDE Insulated End Cutting Nippers



Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width				
GL70141	6 in	170 mm	9 mm	24.6 mm	108.3 mm	6	36	9.3 kg	●

- VDE certified. Meet IEC/EN 60900 standard
- Individually tested to 10,000V for working around live circuits up to 1000V AC
- Fully insulated ergonomic grips with slip guards for additional safety



ANSI B10713M

DIN 5236

VDE Insulated Long Nose Pliers



Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width				
GL70131	6 in	170 mm	9 mm	15.5 mm	56 mm	6	24	5.1 kg	●
GL70132	8 in	212 mm	9 mm	16.5 mm	58.6 mm	6	60	15.6 kg	●

- VDE certified. Meet IEC/EN 60900 standard
- Individually tested to 10,000V for working around live circuits up to 1000V AC
- Fully insulated ergonomic grips with slip guards for additional safety
- Nickel alloy plated finish for corrosion protection



Cat. No. Size Cutting Capacity (mm)

GL70131 6 in Medium Hard Wire Ø1.6

GL70132 8 in Medium Hard Wire Ø1.6

ANSI B10713M

DIN 5236

VDE Insulated Diagonal Pliers



Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width				
GL70232	6 in	170 mm	11.5 mm	21 mm	59 mm	6	60	15.5 kg	●
GL70233	7 in	191 mm	12.5 mm	30 mm	68 mm	6	48	18.5 kg	●

- VDE certified. Meet IEC/EN 60900 standard
- Individually tested to 10,000V for working around live circuits up to 1000V AC
- Fully insulated ergonomic grips with slip guards for additional safety
- Nickel alloy plated finish for corrosion protection



Cat. No.	Size	Cutting Capacity (mm)	ANSI B107.11M	DIN 5238
GL70232	6 in	Medium Hard Wire Ø1.6		
GL70233	7 in	Medium Hard Wire Ø2.0		

VDE Insulated Linesman Pliers



Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width				
GL70331	6 in	171 mm	9.5 mm	26 mm	58 mm	6	60	15.7 kg	●
GL70332	7 in	184 mm	10 mm	28 mm	56 mm	6	48	16.2 kg	●
GL70333	8 in	212 mm	10 mm	30 mm	58 mm	6	24	9.9 kg	●

- VDE certified. Meet IEC/EN 60900 standard
- Individually tested to 10,000V for working around live circuits up to 1000V AC
- Fully insulated ergonomic grips with slip guards for additional safety
- Nickel alloy plated finish for corrosion protection



Cat. No.	Size	Cutting Capacity (mm)	ANSI B107.20M	DIN 5244
GL70331	6 in	Medium Hard Wire Ø1.6		
GL70332	7 in	Medium Hard Wire Ø2.0		
GL70333	8 in	Medium Hard Wire Ø2.0		

Curved Jaw Locking Pliers

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width				
GL70621SM	7 in	189 mm	13 mm	52 mm	52 mm	6	24	10 kg	●
GL70622SM	10 in	244 mm	21.2 mm	65.8 mm	65.8 mm	6	24	15 kg	●

- Made of chrome molybdenum alloy steel for exceptional strength and durability
- Angled tooth pattern for better grip
- Nickel-plated finish resists rust and corrosion
- Versatile curved jaw features integral wire cutter



Curved Jaw Locking Pliers

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Capacity				
GL71101	5 in	144 mm	6.4 mm	37 mm	6	24	5.8 kg	○
GL71102	7 in	186 mm	7.1 mm	51 mm	6	36	15.4 kg	●
GL71103	10 in	244 mm	9.7 mm	63 mm	6	36	21.7 kg	●

- Nickel-plated finish resists rust and corrosion
- Angled tooth pattern for better grip
- Jaw made of Chrome Molybdenum alloy steel and body made of high alloy steel for exceptional strength and durability
- Compound action for powerful non-slip locking grip



FederalGGG-W-00649

Straight Jaw Locking Pliers

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Capacity				
GL71202	7 in	185 mm	11.2 mm	51 mm	6	48	20.2 kg	●
GL71203	10 in	224 mm	16.0 mm	57 mm	6	36	22.9 kg	●

- Versatile jaw features integral wire cutter
- Nickel-plated finish resists rust and corrosion
- Angled tooth pattern for better grip
- Jaw made of Chrome Molybdenum alloy steel and body made of high alloy steel for exceptional strength and durability
- Compound action for powerful non-slip locking grip



FederalGGG-W-00649

Long Nose Locking Pliers

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Capacity				
GL71301	6 in	169 mm	4.1 mm	62 mm	6	24	6.1 kg	●
GL71302	9 in	225 mm	4.8 mm	86 mm	6	12	5.6 kg	●

- Versatile jaw features integral wire cutter
- Nickel-plated finish resists rust and corrosion
- Angled tooth pattern for better grip
- Jaw made of Chrome Molybdenum alloy steel and body made of high alloy steel for exceptional strength and durability
- Compound action for powerful non-slip locking grip



Cat. No.	Size	Max Cutter Opening (mm)
GL71301	6 in	7
GL71302	9 in	23

Welding Clamp Locking Pliers

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width				
GL71401	9 in	204 mm	79.5 mm	62 mm	70 mm	6	12	9.4 kg	

- Wide adjustable screw for adjusting the jaw opening
- Nickel-plated finish for rust resistance
- Jaw made of Chrome Molybdenum alloy steel and body made of high alloy steel for exceptional strength and durability
- Compound action for powerful non-slip locking grip



Metal Sheet Clamp Locking Pliers

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width				
GL71501	8 in	232 mm	79.5 mm	52 mm	78.5 mm	6	12	7.3 kg	

- Wide adjustable screw for adjusting the jaw opening
- Nickel-plated finish for rust resistance
- Jaw made of Chrome Molybdenum alloy steel and body made of high alloy steel for exceptional strength and durability
- Compound action for powerful non-slip locking grip



C-Clamps Locking Pliers

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Capacity	Jaw Width	Jaw Depth				
GL71601	11 in	280 mm	12.7 mm	93 mm	139.7 mm	78 mm	6	12	10.9 kg	

- Wide adjustable screw for adjusting the jaw opening
- Nickel-plated finish for rust resistance
- Jaw made of Chrome Molybdenum alloy steel and body made of high alloy steel for exceptional strength and durability
- Compound action for powerful non-slip locking grip



Chain Clamp Locking Pliers

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width	Chain Length				
GL71701	19 in	213 mm	5.8 mm	60.7 mm	485 mm	6	12	10.5 kg	●

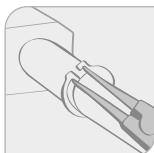
- Wide adjustable screw for adjusting the jaw opening
- Nickel-plated finish for rust resistance
- Jaw made of Chrome Molybdenum alloy steel and body made of high alloy steel for exceptional strength and durability
- Compound action for powerful non-slip locking grip



External Snap Ring Pliers, Straight

Cat. No.	Size	Circlip	Overall Length				
GL72001	7 in	19-60 mm	175 mm	6	36	8.1 kg	●

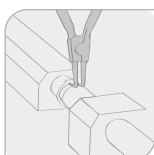
- Anti-rust black finishing
- Made of strong and durable tempering alloy steel



External Snap Ring Pliers, Curved

Cat. No.	Size	Circlip	Overall Length				
GL72002	7 in	19-60 mm	175 mm	6	36	7.9 kg	●

- Anti-rust black finishing
- Made of strong and durable tempering alloy steel



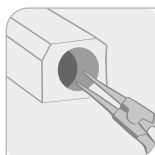
Dia.(±0.2)(mm)

Ø1.7

Internal Snap Ring Pliers, Straight

Cat. No.	Size	Circlip	Overall Length				
GL72004	7 in	19-60 mm	175 mm	6	36	7.2 kg	

- Anti-rust black finishing
- Made of strong and durable tempering alloy steel



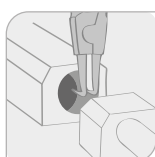
Dia.(±0.2)(mm)

Ø1.7

Internal Snap Ring Pliers, Curved

Cat. No.	Size	Circlip	Overall Length				
GL72005	7 in	19-60 mm	175 mm	6	36	7.2 kg	

- Anti-rust black finishing
- Made of strong and durable tempering alloy steel



Dia.(±0.2)(mm)

Ø1.7

German Style External Snap Ring Pliers, Straight

Cat. No.	Size	Circlip	Overall Length	Overall Width				
GL72011	5 in	10-18 mm	142 mm	50 mm	6	36	6.4 kg	
GL72012	7 in	19-60 mm	175 mm	51 mm	6	36	7.8 kg	
GL72013	9 in	32-80 mm	228 mm	5.1 cm	6	36	12.5 kg	
GL72014	13 in	80-140 mm	325 mm	5 cm	6	24	12.8 kg	

- Made of Chrome Vanadium steel for durability



Cat. No.	Size	Dia.(±0.2)(mm)
GL72011	5 in	1.25
GL72012	7 in	1.75
GL72013	9 in	2.15
GL72014	13 in	2.95

DIN 5254

German Style External Snap Ring Pliers, Curved

Cat. No.	Size	Circlip	Overall Length	Overall Width				
GL72021	5 in	10-18 mm	134 mm	50 mm	6	36	6.4 kg	
GL72022	7 in	19-60 mm	163 mm	51 mm	6	36	7.8 kg	
GL72023	9 in	32-80 mm	213 mm	51 mm	6	36	12.4 kg	
GL72024	13 in	80-140 mm	303 mm	50 mm	6	24	13.1 kg	

• Made of Chrome Vanadium steel for durability



Cat. No.	Size	Dia.(±0.2)(mm)
GL72021	5 in	1.25
GL72022	7 in	1.75
GL72023	9 in	2.15
GL72024	13 in	2.95



DIN 5254

German Style Internal Snap Ring Pliers, Straight

Cat. No.	Size	Circlip	Overall Length	Overall Width				
GL72031	5 in	10-18 mm	141 mm	50 mm	6	36	5.6 kg	
GL72032	7 in	19-60 mm	180 mm	51 mm	6	36	7.4 kg	
GL72033	9 in	32-80 mm	230 mm	51 mm	6	24	7.4 kg	
GL72034	13 in	80-140 mm	317 mm	50 mm	6	24	13.1 kg	

• Made of Chrome Vanadium steel for durability



Cat. No.	Size	Dia.(±0.2)(mm)
GL72031	5 in	1.25
GL72032	7 in	1.75
GL72033	9 in	2.15
GL72034	13 in	2.95



DIN 5254

German Style Internal Snap Ring Pliers, Curved

Cat. No.	Size	Circlip	Overall Length	Overall Width				
GL72041	5 in	10-18 mm	133 mm	51 mm	6	36	5.7 kg	
GL72042	7 in	19-60 mm	169 mm	51 mm	6	36	7.4 kg	
GL72043	9 in	32-80 mm	215 mm	51 mm	6	36	11.7 kg	
GL72044	13 in	80-140 mm	297 mm	50 mm	6	24	12.9 kg	

• Made of Chrome Vanadium steel for durability



Cat. No.	Size	Dia.(±0.2)(mm)
GL72041	5 in	1.25
GL72042	7 in	1.75
GL72043	9 in	2.15
GL72044	13 in	2.95



DIN 5254

Crimping Pliers for D-SUB Terminals

Cat. No.	Size	Overall Length	Jaw Width				
GL91101	8 in	204 mm	67 mm	6	36	16.7 kg	

- Adjustable locking mechanism easily controlled by pressing/releasing handle
- Made of carbon steel with fiberglass handle
- High accuracy connector crimping pin to moderately press connector on cable wire without damaging the connector

AWG	Capacity
30-24	0.05-0.25MM ²
22-18	0.5-1MM ²



Crimp Shape: 

Crimping Pliers for European Cable Terminals

Cat. No.	Size	Overall Length	Jaw Width				
GL91102	8 in	204 mm	67 mm	5	20	9.1 kg	

- Adjustable locking mechanism easily controlled by pressing/releasing handle
- Made of carbon steel with fiberglass handle
- High accuracy connector crimping pin to moderately press connector on cable wire without damaging the connector

AWG	Capacity
22-20	0.5-0.75MM ²
18-16	1-1.5MM ²
16-14	2.5MM ²
14-12	4MM ²
12-10	6MM ²



Crimp Shape: 

Crimping Pliers for Insulated Terminals

Cat. No.	Size	Overall Length	Jaw Width				
GL91105	9 in	240 mm	67 mm	5	20	12 kg	

- Adjustable locking mechanism easily controlled by pressing/releasing handle
- Made of carbon steel with fiberglass handle
- High accuracy connector crimping pin to moderately press connector on cable wire without damaging the connector

AWG	Capacity
22-18	0.5-1MM ²
16-14	1.1-2.5MM ²
12-10	4-6MM ²



Crimp Shape: 

Crimping Pliers for Non-Insulated Terminals

Cat. No.	Size	Overall Length	Jaw Width				
GL91106	10-1/4 in	262 mm	76 mm	5	20	13 kg	○

- Adjustable locking mechanism easily controlled by pressing/releasing handle
- Made of carbon steel with fiberglass handle
- High accuracy connector crimping pin to moderately press connector on cable wire without damaging the connector

AWG	Capacity
22-16	1.5MM ²
16-12	2.5-4MM ²
12-10	6-8MM ²
8-6	10MM ²



Crimp Shape: 

Crimping Pliers for Non-Insulated Terminals

Cat. No.	Size	Overall Length	Jaw Width				
GL91107	9 in	228 mm	67 mm	5	30	18.8 kg	○

- Adjustable locking mechanism easily controlled by pressing/releasing handle
- Made of carbon steel with fiberglass handle
- High accuracy connector crimping pin to moderately press connector on cable wire without damaging the connector

AWG	Capacity
22-18	0.5-1MM ²
16-14	1.1-2.5MM ²
12-10	4-6MM ²



Crimp Shape: 

Aviation Tin Snips, Left

Cat. No.	Size	Blade Length	Overall Length	Overall Width				
GL93101	10 in	40 mm	250 mm	77 mm	6	36	16.7 kg	

- Non-slip cushion grips for superior control and comfort
- Cuts up to 1.2mm cold rolled steel or 0.7mm stainless steel
- Made of Chrome Vanadium steel blades with serrated cutting edges for stable bite and smooth cutting



 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

ANSI B10716M

Aviation Tin Snips, Right

Cat. No.	Size	Blade Length	Overall Length	Overall Width				
GL93102	10 in	40 mm	250 mm	77 mm	6	36	16.9 kg	

- Non-slip cushion grips for superior control and comfort
- Cuts up to 1.2mm cold rolled steel or 0.7mm stainless steel
- Made of Chrome Vanadium steel blades with serrated cutting edges for stable bite and smooth cutting



 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

ANSI B10716M

Aviation Tin Snips, Straight

Cat. No.	Size	Blade Length	Overall Length	Overall Width				
GL93103	10 in	40 mm	250 mm	77 mm	6	36	17 kg	
GL93104	11 in	80 mm	275 mm	77 mm	6	36	19.5 kg	

- Non-slip cushion grips for superior control and comfort
- Cuts up to 1.2mm cold rolled steel or 0.7mm stainless steel
- Made of Chrome Vanadium steel blades with serrated cutting edges for stable bite and smooth cutting



 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

ANSI B10716M

Straight Pattern Tinner's Snips

Cat. No.	Size	Blade Length	Overall Length	Overall Width				
GL93302	8 in	40 mm	205 mm	87 mm	6	48	17 kg	
GL93303	10 in	60 mm	254 mm	105 mm	6	36	20 kg	
GL93304	12 in	70 mm	305 mm	110 mm	6	24	17 kg	
GL93305	14 in	90 mm	355 mm	110 mm	6	24	20.5 kg	
GL93306	16 in	100 mm	425 mm	145 mm	0	10	19 kg	

- Bulldog pattern snips for trimming extra heavy stock
- Cutting edges induction hardened to HRC 58-60
- One-piece drop forged construction



Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

Cat. No.	Size	Cold Rolled Iron Sheet	Stainless Steel Sheet
GL93302	8 in	0.61 mm	0.41 mm
GL93303	10 in	0.78 mm	0.45 mm
GL93304	12 in	0.91 mm	0.63 mm
GL93305	14 in	1.2 mm	0.7 mm
GL93306	16 in	1.6 mm	1 mm



ANSI B10716M

Self Adjusting Wire Stripper

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width				
GL91108	6-1/2 in	170 mm	18.5 mm	80 mm	6	36	104 kg	

- Attention: Take appropriate protections for first time users who are uncertain on how to adjust the cutting edge to the right place.

Wire Stripping Range

Single wire or flat cable of diameter from 0.5 to 6.0mm



Automatic Wire Stripper

Cat. No.	Size	Overall Length				
GL91212	7 in	204 mm	6	24	9.4 kg	
GL91213	7 in	204 mm	6	24	9.3 kg	

- In accordance to QB/T2207-1996 manufacturing standard
- Provide accurate wire stripping function without damaging the wire



Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

Cat. No.	Wire Capacity
GL91212	Ø0.5, 1.2, 1.6, 2.0 mm
GL91213	Ø1, 1.6, 2.6, 3.2 mm



ANSI B10716M

Wire Stripper with Cutter

Cat. No.	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width				
GL91201	6 in	155 mm	7.5 mm	51 mm	77 mm	6	48	8.6 kg	
GL91202	7 in	183 mm	7.5 mm	60 mm	77 mm	6	48	9.8 kg	

- Body is made of high carbon steel
- Plastic handle for comfortable use
- Circlip design for convenient storage
- Accurate wire stripping pin for easy cutting of the insulation layer without damaging the wire



Cat. No.	Size	AWG	Capacity
GL91201	6 in	20-30	0.05-0.52 mm ²
GL91202	7 in	10-22	0.52-5.26 mm ²

Bolt Cutter

Cat. No.	Size	Overall Length	Overall Width				
GL93502	12 in	325 mm	139 mm	1	4	3.4 kg	
GL93503	14 in	370 mm	140 mm	1	4	4.1 kg	
GL93504	18 in	470 mm	141 mm	1	4	6.4 kg	
GL93505	24 in	634 mm	160 mm	1	4	10.1 kg	
GL93506	30 in	765 mm	180 mm	1	4	16 kg	
GL93507	36 in	917 mm	190 mm	1	4	21 kg	
GL93508	42 in	1053 mm	210 mm	1	2	17.7 kg	
GL93509	48 in	1213 mm	250 mm	1	2	25.2 kg	

- Drop-forged precision ground alloy steel jaws with center-cut blades
- General plant maintenance tool for cutting medium and high carbon steel up to HRC 35



Do not twist or pry with tool while cutting.

Nature of this product is subject to wear and tear upon usage.

Not covered under Lifetime Warranty.



Cat. No.	Cutting Capacity (mm)
GL93502	Low Carbon Steel Ø5(3/16"), Medium Carbon Steel Ø4(5/12")
GL93503	Low Carbon Steel Ø7(1/4"), Medium Carbon Steel Ø5(3/16")
GL93504	Low Carbon Steel Ø8(5/16"), Medium Carbon Steel Ø6(1/4")
GL93505	Low Carbon Steel Ø10(3/8"), Medium Carbon Steel Ø8(5/16")
GL93506	Low Carbon Steel Ø13(1/2"), Medium Carbon Steel Ø10(3/8")
GL93507	Low Carbon Steel Ø16(5/8"), Medium Carbon Steel Ø12(7/16")
GL93508	Low Carbon Steel Ø19(3/4"), Medium Carbon Steel Ø14(9/16")
GL93509	Low Carbon Steel Ø22(7/8"), Medium Carbon Steel Ø16(5/8")

ANSI B10716M

Bolt Cutter

Cat. No.	Size	Overall Length	Overall Width				
GL93501	8 in	212.5 mm	63.5 mm	6	60	19.6 kg	●

- Drop-forged precision ground alloy steel jaws with center-cut blades
- General plant maintenance tool for cutting medium and high carbon steel up to HRC 35



Do not twist or pry with tool while cutting.
Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.



Cutting Capacity (mm)

Low Carbon Steel Ø3.17(1/8"), Medium Carbon Steel Ø3.17(1/8")

ANSI B107.16M

Tubing Cutter

Cat. No.	Cutting Capacity	Overall Length	Overall Width				
GL97301	3-28 mm	245 mm	210 mm	12	60	15.7 kg	○
GL97302	3-32 mm	245 mm	210 mm	12	60	19.6 kg	○

- Durable all metal construction
- Large knurled handle for maximum grip power
- Spare cutter wheel stored in the handle



Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.



ANSI B107.16M

Tubing Cutter

Cat. No.	Cutting Capacity	Overall Length	Overall Width				
GL97303	6-64 mm	300 mm	140 mm	6	24	16.7 kg	○

- Durable all metal construction
- Large knurled handle for maximum grip power
- Spare cutter wheel stored in the handle



Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.



ANSI B107.16M

Mini Tubing Cutter

Cat. No.	Cutting Capacity	Overall Length	Overall Width				
GL97305	3-16 mm	197 mm	155 mm	12	120	17 kg	

- Ideal for handymen, plumbers, electricians and vehicle mechanics
- Large knurled knob for non-slip grip and precise control
- Compact size for use in tight spaces



Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

2 Pc. Replacement Cutter Wheels

Cat. No.	Cutting Capacity	Overall Length	Overall Width				
GL97311	3x18 mm	19.7 cm	15.5 cm	12	240	6 kg	

- Blade for GL97301, GL97302 and GL97305 Tubing Cutter
- For cutting copper, aluminum, brass and thin wall tubing
- Made of hardened alloy steel with black finish for corrosion resistance



Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

2 Pc. Replacement Cutter Wheels

Cat. No.	Cutting Capacity	Overall Length	Overall Width				
GL97312	6.2x18 mm, 6.2x22 mm	19.7 cm	15.5 cm	12	240	7 kg	

- Blade for GL97303 Tubing Cutter
- For cutting copper, aluminum, brass and thin wall tubing
- Made of hardened alloy steel with black finish for corrosion resistance



Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.



Screwdriver & Nut Driver



Magnetic tip for greater fastener control.



Precision finished tip

ACETATE SCREWDRIVER

Ergonomic solid impact resistant Acetate handle provides increased comfort and maximized torque for driving loosening fasteners.

Easy to clean, chemical-resistant.

Blade is made of Chrome Vanadium alloy steel for durability.

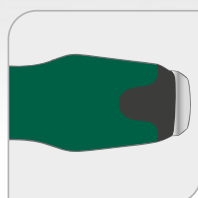
Unique texture design provides non slip grip.

CUSHION GRIP SCREWDRIVER

Ergonomic dual material (PP+TPR) handle for comfort and strength.

Oil and solvent resistant.

Blade is made of S2 steel, fully heat treated for superior strength that resists tip wear and shank twisting/breakage.



Go-Through design for "tapping" the head of the screw.

Made in
GERMANY



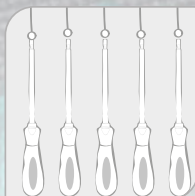
VDE INSULATED SCREWDRIVER



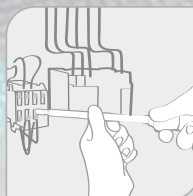
Blade is made of high performance Chrome Vanadium Molybdenum alloy steel, fully hardened and tempered to provide maximum strength and durability.

Individually tested to 10,000 volts and rated up to 1000 volts for safety. Meet DIN standards and GS / VDE certified.

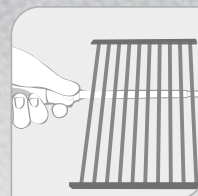
Ergonomic dual material (PP+TPR) handle for comfort and strength. Oil and solvent resistant.



Every single handle is individually tested for maximum safety performance.



Suitable for working on live circuits of 1000V.



Slim tip design accesses fasteners in tight areas faster and easier.



Always clean tools after usage. It is important to keep the tools clean and dry both in use and when storing the tools. Check the tools on a regular basis and if there is any sign of damage or wear on insulation layer, the tool should be replaced.

7 Pc. G-Series VDE Insulated Screwdriver Set

Cat. No.				
GL09301A	0	4	2.4 kg	●

CONTENTS:

PHILLIPS - #0x60mm, #1x80mm, #2x100mm
SLOTTED - 2.5x75mm, 4x100mm, 5.5x125mm, 6.5x150mm



- VDE certified. Meet IEC/EN 60900 standard
- Individually tested to 10,000V for working around live circuits up to 1000V AC
- Blade is made of high quality Chrome Vanadium Molybdenum alloy steel with black phosphate tip for durability and corrosion protection
- Ergonomic dual material (PP+TPR) handle for comfort and strength

5 Pc. G-Series VDE Insulated Screwdriver Set

Cat. No.				
GL09302	0	6	2.8 kg	○

CONTENTS:

4 - G-Series VDE Insulated Screwdrivers
Slotted 3.0x100mm, 5.5x125mm
Phillips #1x80mm, #2x100mm
1 - Circuit Tester 190 mm



- VDE certified. Meet IEC/EN 60900 standard
- Individually tested to 10,000V for working around live circuits up to 1000V AC
- Blade is made of high quality Chrome Vanadium Molybdenum alloy steel with black phosphate tip for durability and corrosion protection
- Ergonomic dual material (PP+TPR) handle for comfort and strength

7 Pc. T-Series VDE Insulated Screwdriver Set

Cat. No.				
GL09303	0	10	7.9 kg	●

CONTENTS:

PHILLIPS - #0x60mm, #1x80mm, #2x100mm
SLOTTED - 2.5x75mm, 4.0x100mm, 5.5x125mm, 6.5x150mm



- VDE certified. Meet IEC/EN 60900 standard
- Individually tested to 10,000V for working around live circuits up to 1000V AC
- Blade is made of high quality Chrome Vanadium Molybdenum alloy steel with black phosphate tip for durability and corrosion protection
- Ergonomic dual material (PP+TPR) handle for comfort and strength

9 Pc. VDE Insulated Screwdriver/ Pliers Set

Cat. No.				
GL09262	0	4	5.5 kg	○

CONTENTS:

1 - VDE Insulated Linesman Pliers 8"
1 - VDE Insulated Diagonal Pliers 6"
1 - VDE Insulated Long Nose Pliers 6"
6 - G-Series VDE Insulated Screwdrivers
Slotted 2.5x75mm, 4x100mm, 5.5x125mm
Phillips #0x60mm, #1x80mm, #2x100mm



- VDE certified. Meet IEC/EN 60900 standard
- Individually tested to 10,000V for working around live circuits up to 1000V AC
- Fully insulated ergonomic handle for comfort and strength
- German made screwdrivers with Chrome Vanadium Molybdenum alloy steel blade for durability and corrosion protection
- Pliers made of Chrome Vanadium steel with nickel alloy plating for greater corrosion protection

6 Pc. Acetate Combination Screwdriver Set

Cat. No.				
GL09303E	0	5	7.6 kg	●

CONTENTS:

PHILLIPS - #0x75mm, #1x100mm, #2x100mm
SLOTTED - 3.2x75mm, 5x75mm, 6x100mm



10 Pc. Acetate Combination Screwdriver Set

Cat. No.				
GL09304E	0	4	9 kg	●

CONTENTS:

PHILLIPS - #1x100mm, #2x38mm, #2x100mm, #2x150mm, #3x150mm,
SLOTTED - 5x75mm, 6x38mm, 6x100mm, 6x150mm, 8x150mm



8 Pc. Acetate Torx® Screwdriver Set

Cat. No.				
GL09305	0	5	6.2 kg	●

CONTENTS:

TORX® - T8x75mm, T10x100mm, T15x100mm, T20x100mm, T25x100 mm,
T27x100mm, T30x100mm, T40x100mm



8 Pc. Acetate Combination Screwdriver Set

Cat. No.				
GL09306	0	5	6.1 kg	●

CONTENTS:

PHILLIPS - #1x75mm, #2x38mm, #2x100mm, #2x150mm
SLOTTED - 5x75mm, 6x38mm, 6x100mm, 6x150mm



6 Pc. Cushion Grip Combination Screwdriver Set

Cat. No.				
GL09309	0	6	7.6 kg	

CONTENTS:
PHILLIPS - #1x75mm, #2x100mm, #2x150mm
SLOTTED - 5x75mm, 5x100mm, 6x150mm



6 Pc. Mini Screwdriver Set

Cat. No.				
GL03141	5	20	11.5 kg	

CONTENTS:
PHILLIPS - #00, #0, #1
SLOTTED - 1.6 mm, 2.0 mm, 2.4 mm



- Heat treated Chrome Molybdenum bits for durability and strength
- Light weight and anti-corrosion aluminum handle with bit storage function

6 Pc. Mini Screwdriver Set

Cat. No.				
GL03142	0	10	0.6 kg	

CONTENTS:
PHILLIPS - #00, #0
TORX® - T5, T6, T7, T8



6 Pc. Precision Slotted Screwdriver Set

Cat. No.				
GL09311	6	24	10.1 kg	

CONTENTS:
SLOTTED - 1.0x40mm, 1.4x50mm, 2.0x50mm, 2.4x50mm, 3.0x50mm, 3.5x50mm



- Heat treated Chrome Molybdenum bits for durability and strength
- Light weight and anti-corrosion aluminum handle with bit storage function

6 Pc. Precision Torx® Screwdriver Set

Cat. No.				
GL09313	6	24	10.3 kg	○

CONTENTS:

TORX® - T6x50mm, T7x50mm, T8x50mm, T9x50mm, T10x50mm, T15x50mm



7 Pc. Precision Torx® Screwdriver Set

Cat. No.				
GL09315	6	24	10.8 kg	●

CONTENTS:

TORX® - T5x50mm, T6x50mm, T7x50mm, T8x50mm, T9x50mm, T10x50mm, T15x50mm



6 Pc. Precision Combination Screwdriver Set

Cat. No.				
GL09312	6	24	10.4 kg	○

CONTENTS:

PHILLIPS - #0x50mm, #00x50mm

SLOTTED - 14x50mm, 2.0x50mm, 24x50mm, 3.0x50mm



7 Pc. Precision Combination Screwdriver Set

Cat. No.				
GL09314	6	24	10.7 kg	●

CONTENTS:

PHILLIPS - #000x40mm, #00x50mm, #0x50mm

SLOTTED - 14x50mm, 2.0x50mm, 24x50mm, 3.0x50mm



9 Pc. Precision Combination
Screwdriver Set

Cat. No.				
GL09316	6	12	6.2 kg	

CONTENTS:
PHILLIPS - #000x40mm, #00x75mm, #0x75mm, #1x100mm
SLOTTED - 1.0x40mm, 2.0x50mm, 2.4x75mm, 3.0x75mm, 4.0x100mm



15 Pc. Precision Combination
Screwdriver Set

Cat. No.				
GL09317	6	12	7.1 kg	

CONTENTS:
PHILLIPS - #000x40mm, #0x50mm, #00x50mm
SLOTTED - 1.0x40mm, 2.0x50mm, 3.0x50mm, 3.5x50mm
TORX® - T6x50mm, T8x50mm, T10x50mm, T15x50mm
HEX - 1.5x50mm, 2.0x50mm, 2.5x50mm, 3.0x50mm



Ratcheting Screwdriver

- Interchange shaft system
- High torque ratcheting design
- Fine tooth with 8° movement
- Ergonomic dual material helps reduce fatigue and improve grip and torque



24 Pc. Ratcheting T-Handle Screwdriver Set

Cat. No.				
GL09341	0	8	5 kg	○

CONTENTS:

- 1- T-Handle Ratcheting Screwdriver
- 1- 1/4" x 1/4"Dr. Extension Bar 6"
- 1- 1/4" x 1/4"Dr. Flex Extension Bar 6"
- 1- 1/4"Dr. Bit Adapter
- 20- Bits



 Zip bag and screwdriver bits are not covered under Lifetime Warranty.

25 Pc. Ratcheting Stubby Screwdriver Set

Cat. No.				
GL09342	0	8	4.9 kg	○

CONTENTS:

- 1- Stubby Ratcheting Screwdriver
- 1- Magnetic Bit Holder 3-1/2"
- 1- 1/4" x 1/4"Dr. Extension Bar 3-1/2"
- 1- 1/4" x 1/4"Dr. Flex Extension Bar 6"
- 1- 1/4"Dr. Bit Adapter
- 20- Bits



 Zip bag and screwdriver bits are not covered under Lifetime Warranty.

26 Pc. Ratcheting Screwdriver Set

Cat. No.				
GL09343	0	6	5.6 kg	●

CONTENTS:

- 1- Standard Ratcheting Screwdriver
- 3- 1/4" x 1/4"Dr. Extension Bars 3-1/2", 6", 10"
- 1- 1/4" x 1/4"Dr. Flex Extension 6"
- 1- 1/4"Dr. Bit Adapter
- 20- Bits



 Zip bag and screwdriver bits are not covered under Lifetime Warranty.

8 Pc. Impact Screwdriver Set

Cat. No.				
GL09602	0	12	13.7 kg	○

CONTENTS:

- 1- Impact Screwdriver
- 1- 1/2"Dr. Bit Adapter
- 4- 5/16" Shank 30L Bits Slotted 8, 10mm; Phillips #2, #3
- 2- 5/16" Shank 70L Bits Slotted 8, 10mm; Phillips #2, #3



- Ideal for loosening rusted, frozen and rounded screws or nuts
- Compatible with 1/2" Drive impact sockets or with 5/16" shank bits by using the included adapter
- Comfortable handle with knurled non-slip grip

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

60 Pc. 1/4" Drive 6 Point Socket and Ratcheting Bit Driver Set

Cat. No.				
GL09324	0	6	10 kg	

CONTENTS:

- 1 - Ratcheting Bit Driver
- 14 - 6pt. Metric Sockets 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
- 28 - 25L Bits Phillips #0, #1, #2, #3
Slotted 3, 4, 5.5, 6.5mm
Hex 2, 2.5, 3, 4, 5, 6mm
Torx® T10, T15, T20, T25, T27, T30, T40
Tamper-Proof Torx® T10, T15, T20, T25, T27, T30, T40
- 12 - 50L Bits Phillips #1, #2, #3
Slotted 4, 5.5, 6.5mm
Hex 4, 5, 6mm
Torx® T15, T20, T25
- 5 - Accessories
25L Socket Bit Adapter
50L Socket Bit Adapter
Magnetic Bit Holder 60mm
Flex Extension Bar 6"
Bit Adapter



 Ratcheting Bit Driver and Bits are not covered under Lifetime Warranty.

80 Pc. Ratcheting Bit Driver Set

Cat. No.				
GL09326	0	6	9 kg	

CONTENTS:

- 1 - Ratcheting Bit Driver
- 33 - 25L Bits Phillips #0, #1, #2(2pc), #3
Slotted 3, 4, 5, 5.5, 6, 6.5mm
Hex 2, 2.5, 3, 4, 5, 6mm
Torx® T8, T10, T15, T20, T25, T27, T30, T40
Tamper-Proof Torx® T8, T10, T15, T20, T25, T27, T30, T40
- 32 - 50L Bits Phillips #0, #1, #2, #3
Slotted 3, 4, 5, 5.5, 6, 6.5mm
Hex 2, 2.5, 3, 4, 5, 6mm
Torx® T8, T10, T15, T20, T25, T27, T30, T40
Tamper-Proof Torx® T8, T10, T15, T20, T25, T27, T30, T40
- 8 - 65L Double End Bits PH1-PH1, PH2-PH2, PH3-PH3,
4.5mm-PH1, 5.5mm-PH2, 6.5mm-PH3, PH1-PH2, PH2-PH3
- 3 - 110L Double End Bits PH1-PH1, PH2-PH2, PH3-PH3
- 3 - Accessories
25L Socket Bit Adapter
50L Socket Bit Adapter
Magnetic Bit Holder 60mm



 Ratcheting Bit Driver and Bits are not covered under Lifetime Warranty.

Acetate Screwdrivers - Slotted

Cat. No.	Size	Shank Length	Overall Length	Maxi Handle Diameter				
GL62202	3.2 mm	75.0 mm	146 mm	23.0 mm	12	144	4.8 kg	●
GL62203	3.2 mm	100.0 mm	172 mm	23.0 mm	12	600	19.3 kg	●
GL62204	3.2 mm	150.0 mm	221 mm	23.0 mm	12	576	23.3 kg	●
GL62205	3.2 mm	200.0 mm	271 mm	23.0 mm	12	480	20.1 kg	●
GL62207	5.0 mm	75.0 mm	165 mm	28.0 mm	12	300	19 kg	●
GL62208	5.0 mm	100.0 mm	190 mm	28.0 mm	12	300	20.4 kg	●
GL62209	5.0 mm	150.0 mm	240 mm	28.0 mm	12	240	17.8 kg	●
GL62210	5.0 mm	200.0 mm	290 mm	28.0 mm	12	240	20.7 kg	●
GL62211	6.0 mm	38.0 mm	99 mm	35.0 mm	12	288	19.8 kg	●
GL62212	6.0 mm	100.0 mm	202 mm	32.0 mm	12	144	14.2 kg	●
GL62213	6.0 mm	150.0 mm	252 mm	32.0 mm	12	144	16.1 kg	●
GL62214	6.0 mm	200.0 mm	312 mm	32.0 mm	12	144	17.9 kg	●
GL62215	6.0 mm	250.0 mm	352 mm	32.0 mm	12	144	19.8 kg	●
GL62216	8.0 mm	150.0 mm	260 mm	35.0 mm	6	120	20 kg	●
GL62217	8.0 mm	200.0 mm	312 mm	35.0 mm	6	90	17.1 kg	●

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Acetate Screwdrivers - Phillips

Cat. No.	Size	Shank Length	Overall Length	Maxi Handle Diameter				
GL62302	#0	75.0 mm	146 mm	23.0 mm	12	600	18.2 kg	●
GL62303	#0	100.0 mm	221 mm	23.0 mm	12	600	20.7 kg	●
GL62304	#0	150.0 mm	222 mm	23.0 mm	12	576	21.1 kg	●
GL62305	#0	200.0 mm	272 mm	23.0 mm	12	480	19.5 kg	●
GL62307	#1	75.0 mm	166 mm	28.0 mm	12	300	19.1 kg	●
GL62308	#1	100.0 mm	190 mm	28.0 mm	12	300	20.5 kg	●
GL62309	#1	150.0 mm	240 mm	28.0 mm	12	240	18.6 kg	●
GL62310	#1	200.0 mm	288 mm	28.0 mm	12	240	20.1 kg	●
GL62311	#2	38.0 mm	99 mm	35.0 mm	12	288	19.5 kg	●
GL62312	#2	100.0 mm	202 mm	32.0 mm	12	144	14.3 kg	●
GL62313	#2	150.0 mm	250 mm	32.0 mm	12	144	16 kg	●
GL62314	#2	200.0 mm	312 mm	32.0 mm	12	144	17.9 kg	●
GL62315	#2	250.0 mm	352 mm	32.0 mm	12	144	19.7 kg	●
GL62316	#3	150.0 mm	260 mm	35.0 mm	6	120	20.2 kg	●
GL62317	#3	200.0 mm	312 mm	35.0 mm	6	90	17.2 kg	●

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Acetate Screwdrivers - Torx®

Cat. No.	Size	Shank Length	Overall Length	Maxi Handle Diameter				
GL61108	T8	75.0 mm	147 mm	23.0 mm	12	600	19.6 kg	
GL61101	T10	100.0 mm	190 mm	28.0 mm	12	300	20.6 kg	
GL61102	T15	100.0 mm	190 mm	28.0 mm	12	300	20.5 kg	
GL61103	T20	100.0 mm	190 mm	28.0 mm	12	300	20.7 kg	
GL61104	T25	100.0 mm	312 mm	32.0 mm	12	216	214 kg	
GL61105	T27	100.0 mm	202 mm	32.0 mm	12	216	21 kg	
GL61106	T30	100.0 mm	202 mm	32.0 mm	12	216	21.5 kg	
GL61107	T40	100.0 mm	212 mm	35.0 mm	6	150	22 kg	

- Ergonomic Acetate handle for increased comfort and maximized torque
- Precision finished tip
- Solid impact resistant Acetate handle with unique texture design provides non slip grip
- Blade is made of Chrome Vanadium alloy steel, fully harden and tempered for durability

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DIN 5264



1/4" Drive Magnetic Bit Driver

Cat. No.	Size	Shank Length	Overall Length	Maxi Handle Diameter				
GL61002	1/4 in	100 mm	212 mm	35.0 mm	6	150	20.8 kg	

- Magnetic bit holder holds insert bits securely
- For standard 1/4" Drive bits
- Solid impact resistant Acetate handle with unique texture design provides non slip grip

ANSI B10715

DIN 5264



1/4" Drive Pistol Grip Ratcheting Bit Driver

Cat. No.	Size				
GL61003	1/4 in x 100 mm	6	36	6.7 kg	

- Forward, reverse and lock positions for fast driving on screws and nuts
- Large and soft textured handle for added comfort and excellent grip
- Fitted with bit storage for keeping the most commonly used bits close at hand
- Chrome Vanadium bit holder with powerful magnet for strength and holding bit securely in place
- For standard 1/4" Drive bits

ANSI B10715

DIN 5264



Cushion Grip Go-Through Screwdrivers - Slotted

Cat. No.	Size	Shank Length	Overall Length	Maxi Handle Diameter				
GL61603	6.0 mm	100.0 mm	220 mm	34.0 mm	6	48	7.3 kg	●
GL61605	6.0 mm	150.0 mm	269 mm	34.0 mm	6	48	8 kg	●
GL61606	8.0 mm	150.0 mm	280 mm	38.0 mm	6	48	11.7 kg	●
GL61607	8.0 mm	200.0 mm	330 mm	38.0 mm	6	48	12.8 kg	●
GL61608	8.0 mm	250.0 mm	380 mm	38.0 mm	6	48	14 kg	●

- Hex shank for better strength
- Go-Through design for" tapping" the head of the screw

ANSI B107.15

DIN 5264



Cushion Grip Go-Through Screwdrivers - Phillips

Cat. No.	Size	Shank Length	Overall Length	Maxi Handle Diameter				
GL61703	#2	100.0 mm	220.0 mm	34.0 mm	6	48	7.4 kg	●
GL61705	#2	150.0 mm	269.0 mm	34.0 mm	6	48	8 kg	●
GL61706	#3	150.0 mm	280.0 mm	38.0 mm	6	24	5.9 kg	●
GL61707	#3	200.0 mm	330.0 mm	38.0 mm	6	24	6.5 kg	●
GL61708	#3	250.0 mm	380.0 mm	38.0 mm	6	24	7.1 kg	●

- Hex shank for better strength
- Go-Through design for" tapping" the head of the screw

ANSI B107.15

DIN 5264



Cushion Grip Reversible Screwdriver

Cat. No.	Size	Shank Length	Overall Length	Maxi Handle Diameter				
GL66202	#2 x 6 mm	38.0 mm	98.0 mm	37.0 mm	6	36	2.5 kg	○
GL66203	#1 x 5 mm	100.0 mm	220.0 mm	35.0 mm	6	24	2.9 kg	○
GL66204	#2 x 6 mm	100.0 mm	220.0 mm	35.0 mm	6	24	2.9 kg	○
GL66205	#1 x 5 mm	150.0 mm	270.0 mm	35.0 mm	6	24	3.2 kg	○
GL66206	#2 x 6 mm	150.0 mm	270.0 mm	35.0 mm	6	24	3.3 kg	○

- Ergonomic dual material (PP+TPR) handle for comfort and strength. Oil and solvent resistant
- Blade is made of S2 steel with overall heat treatment for durability
- Dual-sided reversible bit for flexibility

ANSI B107.15

DIN 5264



Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.



Cushion Grip Screwdrivers - Slotted

Cat. No.	Size	Shank Length	Overall Length	Maxi Handle Diameter				
GL63402	3.0 mm	75.0 mm	160.0 mm	25.0 mm	12	48	1.7 kg	
GL63403	3.0 mm	100.0 mm	185.0 mm	25.0 mm	12	48	1.9 kg	
GL63404	3.0 mm	150.0 mm	235.0 mm	25.0 mm	6	24	1.2 kg	
GL63405	3.0 mm	200.0 mm	286 mm	25.0 mm	12	24	1.1 kg	
GL63407	5.0 mm	75.0 mm	180.0 mm	31.0 mm	12	48	3.5 kg	
GL63408	5.0 mm	100.0 mm	205.0 mm	31.0 mm	12	48	3.7 kg	
GL63409	5.0 mm	150.0 mm	255.0 mm	31.0 mm	6	36	3.2 kg	
GL63410	5.0 mm	200.0 mm	305.0 mm	31.0 mm	12	24	2.4 kg	
GL63411	6.0 mm	38.0 mm	98.0 mm	37.0 mm	12	24	1.5 kg	
GL63412	6.0 mm	100.0 mm	217.0 mm	35.0 mm	12	48	5 kg	
GL63413	6.0 mm	150.0 mm	267.0 mm	35.0 mm	12	48	5.6 kg	
GL63414	6.0 mm	200.0 mm	317.0 mm	35.0 mm	6	36	4.9 kg	
GL63415	6.0 mm	250.0 mm	367.0 mm	35.0 mm	6	24	3.7 kg	
GL63416	8.0 mm	150.0 mm	276.0 mm	38.0 mm	12	24	3.7 kg	
GL63417	8.0 mm	200.0 mm	326.0 mm	38.0 mm	12	24	4.3 kg	

- Ergonomic dual material (PP+TPR) handle for comfort and strength. Oil and solvent resistant
- Magnetic tip for greater fastener control. Precision finished tip
- Blade is made of S2 steel, fully harden and tempered to provide maximum strength and durability

ANSI B10715

DIN 5265



Cushion Grip Screwdrivers - Phillips

Cat. No.	Size	Shank Length	Overall Length	Maxi Handle Diameter				
GL63502	#0	75.0 mm	160.0 mm	25.0 mm	12	48	1.8 kg	
GL63503	#0	100.0 mm	185.0 cm	25.0 mm	6	36	1.6 kg	
GL63504	#0	150.0 mm	235.0 mm	25.0 mm	6	24	1.2 kg	
GL63505	#0	200.0 mm	286.0 mm	25.0 mm	12	24	1 kg	
GL63507	#1	75.0 mm	180.0 mm	31.0 mm	12	48	3.4 kg	
GL63508	#1	100.0 mm	205.0 mm	31.0 mm	12	48	3.6 kg	
GL63509	#1	150.0 mm	255 mm	31.0 mm	6	36	3.3 kg	
GL63510	#1	200.0 mm	305.0 mm	31.0 mm	12	24	2.3 kg	
GL63511	#2	38.0 mm	98.0 mm	37.0 mm	6	24	1.6 kg	
GL63512	#2	100.0 mm	217.0 mm	35.0 mm	12	48	5 kg	
GL63513	#2	150.0 mm	267.0 mm	35.0 mm	12	48	5.6 kg	
GL63514	#2	200.0 mm	317.0 mm	35.0 mm	12	48	6.2 kg	
GL63515	#2	250.0 mm	367.0 mm	35.0 mm	6	24	3.7 kg	
GL63516	#3	150.0 mm	276.0 mm	38.0 mm	12	24	4.1 kg	
GL63517	#3	200.0 mm	326.0 mm	38.0 mm	12	24	4.5 kg	

- Ergonomic dual material (PP+TPR) handle for comfort and strength. Oil and solvent resistant
- Magnetic tip for greater fastener control. Precision finished tip
- Blade is made of S2 steel, heat treated for uncompromising durability

ANSI B10715

DIN 5262



G-Series VDE Insulated Screwdrivers - Phillips

Cat. No.	Size	Shank Length	Overall Length	Maxi Handle Diameter				
GL61211	#0	60.0 mm	148.0 mm	25.0 mm	10	500	18.9 kg	●
GL61212	#1	80.0 mm	188.0 mm	25.0 mm	10	280	20.4 kg	●
GL61213	#2	100.0 mm	208.0 mm	34.0 mm	10	220	20.2 kg	●
GL61214	#3	150.0 mm	270.0 mm	37.0 mm	10	150	24.9 kg	●

- Ergonomic dual material (PP+TPR) handle for comfort and strength. Oil and solvent resistant
- Meet DIN standard and GS/ VDE certified
- Individually tested to 10,000 volts and rated up to 1000 volts for safety
- Blade is made of high performance Chrome Vanadium Molybdenum alloy steel, fully harden and tempered for superior strength and durability

ANSI B107:15

DIN 5264



G-Series VDE Insulated Screwdrivers - Slotted

Cat. No.	Size	Shank Length	Overall Length	Maxi Handle Diameter				
GL61311	2.5 mm	75.0 mm	163.0 mm	25.0 mm	10	500	18.2 kg	●
GL61312	3.0 mm	100.0 mm	188.0 mm	25.0 mm	10	500	20.1 kg	●
GL61313	4.0 mm	100.0 mm	208.0 mm	25.0 mm	10	280	20.1 kg	●
GL61314	5.5 mm	125.0 mm	233.0 mm	34.0 mm	10	200	17.9 kg	●
GL61315	6.5 mm	150.0 mm	258.0 mm	34.0 mm	10	200	19.9 kg	●

- Ergonomic dual material (PP+TPR) handle for comfort and strength. Oil and solvent resistant
- Meet DIN standard and GS/ VDE certified
- Individually tested to 10,000 volts and rated up to 1000 volts for safety
- Blade is made of high performance Chrome Vanadium Molybdenum alloy steel, fully harden and tempered for superior strength and durability

ANSI B107:15

DIN 5264



T-Series VDE Insulated Screwdrivers - Phillips

Cat. No.	Size	Shank Length	Overall Length	Maxi Handle Diameter				
GL61221	#0	60.0 mm	147 mm	25.0 mm	12	48	1.9 kg	●
GL61222	#1	80.0 mm	188 mm	31.0 mm	12	48	3.5 kg	●
GL61223	#2	100.0 mm	220 mm	35.0 mm	12	48	5.3 kg	●
GL61224	#3	150.0 mm	280 mm	38.0 mm	6	24	4.9 kg	●

- Ergonomic dual material handle for comfort and strength. Oil and solvent resistant
- Blade is made of S2 steel, fully harden and tempered for superior strength and durability
- VDE certified
- For use in high voltage areas, up to 1000V alternating current



T-Series VDE Insulated Screwdrivers - Slotted

Cat. No.	Size	Shank Length	Overall Length	Maxi Handle Diameter				
GL61321	2.5 mm	75.0 mm	163 mm	25.0 mm	12	48	1.9 kg	●
GL61322	3.0 mm	100.0 mm	187 mm	25.0 mm	12	48	2.2 kg	●
GL61323	4.0 mm	100.0 mm	205 mm	31.0 mm	12	48	3.5 kg	●
GL61324	5.5 mm	125.0 mm	245 mm	35.0 mm	12	48	6.3 kg	●
GL61325	6.5 mm	150.0 mm	270 mm	35.0 mm	12	48	6.4 kg	●

- Ergonomic dual material handle for comfort and strength. Oil and solvent resistant
- Blade is made of S2 steel, fully harden and tempered for superior strength and durability
- VDE certified
- For use in high voltage areas, up to 1000V alternating current



1/4" Drive Magnetic Bit Holder

Cat. No.	Hex Size	Overall Length				
GL59273	1/4 in	60 mm	12	144	12.9 kg	



- Made of premium S2 quality steel
- 3pc. display packed

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

1/4" Drive Magnetic Quick-Change Bit Holder

Cat. No.	Hex Size	Overall Length				
GL59274	1/4 in	64 mm	6	72	3.3 kg	



- One-hand operation for faster bit changes

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

1/4" Drive Bit Slotted

Cat. No.	Fastener Size	Overall Length				
GL59211	3 mm	25 mm	12	144	4.8 kg	
GL59213	4 mm	25 mm	12	144	5.1 kg	
GL59215	5 mm	25 mm	12	144	5.3 kg	
GL59216	5.5 mm	25 mm	12	144	5.6 kg	
GL59217	6 mm	25 mm	12	144	6.1 kg	
GL59218	6.5 mm	25 mm	12	144	6.1 kg	



- Made of premium S2 quality steel
- 5pc. display packed

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

1/4" Drive Bit Phillips

Cat. No.	Fastener Size	Overall Length				
GL59221	#0	25 mm	12	144	5.7 kg	
GL59222	#1	25 mm	12	144	5.2 kg	
GL59223	#2	25 mm	12	144	5.2 kg	
GL59224	#3	25 mm	12	144	5.2 kg	



- Made of premium S2 quality steel
- 5pc. display packed

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

1/4" Drive Bit Torx®

Cat. No.	Fastener Size	Overall Length				
GL59231	T8	25 mm	12	144	4.8 kg	
GL59232	T10	25 mm	12	144	4.8 kg	
GL59233	T15	25 mm	12	144	4.8 kg	
GL59234	T20	25 mm	12	144	5.3 kg	
GL59235	T25	25 mm	12	144	5.5 kg	
GL59236	T27	25 mm	12	144	5.6 kg	
GL59237	T30	25 mm	12	144	5.7 kg	
GL59238	T40	25 mm	12	144	6.2 kg	



- Made of premium S2 quality steel
- 5pc. display packed

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

1/4" Drive Bit Hex

Cat. No.	Fastener Size	Overall Length				
GL59251	2 mm	25 mm	12	144	4.8 kg	
GL59253	3 mm	25 mm	12	144	5.1 kg	
GL59254	4 mm	25 mm	12	144	5.5 kg	
GL59255	5 mm	25 mm	12	144	5.9 kg	
GL59256	6 mm	25 mm	12	144	6.5 kg	
GL59257	7 mm	25 mm	12	144	7.5 kg	
GL59258	8 mm	25 mm	12	144	8.6 kg	



- Made of premium S2 quality steel
- 5pc. display packed

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

1/4" Drive Socket Bit Adapter

Cat. No.	Fastener Size	Overall Length				
GL59271	1/4 in	25 mm	12	144	6.8 kg	
GL59272	1/4 in	50 mm	12	144	13.4 kg	



- Made of premium S2 quality steel
- 5pc. display packed

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

5/16" Drive Bit Slotted

Cat. No.	Fastener Size	Overall Length				
GL59415	8 mm	30 mm	12	144	9.4 kg	
GL59416	10 mm	30 mm	12	144	11.8 kg	
GL59417	12 mm	30 mm	12	72	7.0 kg	



- Made of premium S2 quality steel
- 5pc. display packed

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

1/4" Drive Bit Pozidriv

Cat. No.	Fastener Size	Overall Length				
GL59261	#1	25 mm	12	144	6.0 kg	
GL59262	#2	25 mm	12	144	6.0 kg	
GL59263	#3	25 mm	12	144	6.1 kg	



- Made of premium S2 quality steel
- 5pc. display packed

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

5/16" Drive Bit Phillips

Cat. No.	Fastener Size	Overall Length				
GL59421	#1	30 mm	12	144	8.4 kg	
GL59422	#2	30 mm	12	144	8.7 kg	
GL59423	#3	30 mm	12	144	8.6 kg	
GL59424	#4	30 mm	12	144	9.6 kg	



- Made of premium S2 quality steel
- 5pc. display packed

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

5/16" Drive Bit Hex

Cat. No.	Fastener Size	Overall Length				
GL59471	4 mm	30 mm	12	144	8.9 kg	
GL59472	5 mm	30 mm	12	144	9.2 kg	
GL59473	6 mm	30 mm	12	144	10.0 kg	
GL59474	8 mm	30 mm	12	144	10.1 kg	
GL59475	10 mm	30 mm	12	144	14.7 kg	
GL59476	12 mm	30 mm	12	72	9.2 kg	



- Made of premium S2 quality steel
- 5pc. display packed

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.



Hex Key

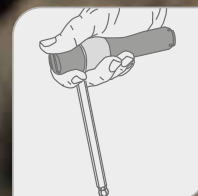


All hex keys are precision formed to exact dimensional tolerances for precise fit.



Strong torque performance meeting ANSI specification

Convenient handle design converts to T-handle and increases torque by 20 times

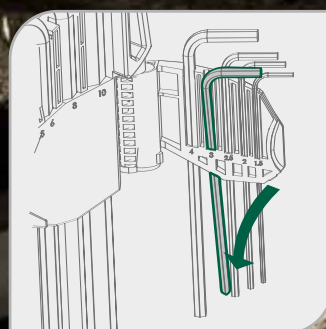


Up to 25° ball-end angle allows better access to fasteners.

Made of SVCM alloy steel hardened and tempered for improved torque and tool life.



Made of Chrome Vanadium steel
for strength and durability



CADDY FEATURE

- Caddy holder offers easy removal of keys
- Made of nylon fiber material for impact and wear resistance

Ergonomic handle with
printed size marking for
a comfort grip and easy
identification



Rotates to a firm stop for
better torque and access

9 Pc. Metric Extra Long Ball Point Hex Key Set

Cat. No.				
GL09101A	6	36	16.9 kg	●

CONTENTS:
1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm



12 Pc. SAE Extra Long Ball Point Hex Key Set

Cat. No.				
GL09102	6	36	174 kg	●

CONTENTS:
1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"



9 Pc. Metric Extra Long Hex Key Set

Cat. No.				
GL09103A	6	36	16.9 kg	●

CONTENTS:
1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm



12 Pc. SAE Extra Long Hex Key Set

Cat. No.				
GL09104	6	36	174 kg	○

CONTENTS:
1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"



9 Pc. Metric Long Ball Point Hex Key Set

Cat. No.				
GL09105A	6	48	19.4 kg	●

CONTENTS:

1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm



12 Pc. SAE Long Ball Point Hex Key Set

Cat. No.				
GL09106	6	36	19.9 kg	●

CONTENTS:

1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"



9 Pc. Metric Long Hex Key Set

Cat. No.				
GL09107A	6	48	19.4 kg	●

CONTENTS:

1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm



12 Pc. SAE Long Hex Key Set

Cat. No.				
GL09108	6	48	19.9 kg	○

CONTENTS:

1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"



9 Pc. Metric Extra Long Ball Point Hex Key and Torque Handle Set

Cat. No.				
GL09124	6	24	16 kg	

CONTENTS:
1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm



8 Pc. Tamper-Proof Torx® Key Set

Cat. No.				
GL09701	12	72	7.1 kg	

CONTENTS:
T6, T7, T8, T9, T10, T15, T20, T25



· Made of S2 alloy steel, tempered for optimal strength and performance

9 Pc. Tamper-Proof Torx® Key Set

Cat. No.				
GL09702	6	48	18.4 kg	

CONTENTS:
T10, T15, T20, T25, T27, T30,T40, T45, T50



8 Pc. Metric Hex Key Fold-Up Set

Cat. No.				
GL09121	6	24	5 kg	

CONTENTS:
1.5, 2, 2.5, 3, 4, 5, 6, 8mm



· Made of S2 alloy steel, tempered for optimal strength and performance

9 Pc. SAE Hex Key Fold-Up Set

Cat. No.				
GL09122	6	24	4.6 kg	●

CONTENTS:

5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"



8 Pc. Torx® Key Fold-Up Set

Cat. No.				
GL09123	6	24	4.6 kg	●

CONTENTS:

T9, T10, T15, T20, T25, T27, T30, T40



Metric Extra Long Ball Point Hex Keys

Cat. No.	Fastener Size	Long End Length	Short End Length				
GL80104A	1.5 mm	89 mm	13 mm	72	864	3.1 kg	○
GL80105A	2 mm	99 mm	13.5 mm	72	864	4.5 kg	○
GL80106A	2.5 mm	111 mm	17 mm	72	432	4.6 kg	○
GL80107A	3 mm	125 mm	19 mm	36	432	5.5 kg	○
GL80108A	4 mm	139 mm	24 mm	36	432	9.4 kg	○
GL80110A	5 mm	159 mm	27 mm	36	144	5.2 kg	○
GL80112A	6 mm	179 mm	31 mm	36	144	7.9 kg	○
GL80114A	8 mm	199 mm	35 mm	18	72	7.9 kg	○
GL80116A	10 mm	223 mm	39 mm	18	72	13.6 kg	○

- Longer length key for improved access and leverage
- Ball point keys allow for angled access to fasteners
- Short arm key with chamfered edges for smooth and easy fit and reduce stripped fasteners
- Made of Chrome Vanadium steel for strength and durability

DIN 911



Metric Extra Long Hex Keys

Cat. No.	Fastener Size	Long End Length	Short End Length				
GL80304A	1.5 mm	89 mm	13 mm	72	864	2.8 kg	
GL80305A	2 mm	99 mm	15 mm	72	864	4.1 kg	
GL80306A	2.5 mm	111 mm	17 mm	72	432	3.3 kg	
GL80307A	3 mm	125 mm	19 mm	36	432	5.2 kg	
GL80308A	4 mm	139 mm	24 mm	36	432	9.4 kg	
GL80310A	5 mm	159 mm	27 mm	36	144	5.6 kg	
GL80312A	6 mm	179 mm	31 mm	36	144	8.5 kg	
GL80314A	8 mm	199 mm	35 mm	18	72	7.9 kg	
GL80316A	10 mm	223 mm	39 mm	18	72	13.4 kg	

- Longer length key for improved access and leverage
- Camfered edges for smooth and easy fit and reduce stripped fasteners
- Made of Chrome Vanadium steel for strength and durability



Metric Long Ball Point Hex Keys

Cat. No.	Fastener Size	Long End Length	Short End Length				
GL81104A	1.5 mm	77 mm	13.5 mm	72	864	3.3 kg	
GL81105A	2 mm	82 mm	15.5 mm	72	864	4.1 kg	
GL81106A	2.5 mm	88.5 mm	17.5 mm	72	432	3.3 kg	
GL81107A	3 mm	98.5 mm	19 mm	36	432	4.9 kg	
GL81108A	4 mm	104 mm	24 mm	36	432	7.2 kg	
GL81110A	5 mm	116 mm	27 mm	36	144	4.6 kg	
GL81111A	5.5 mm	126.5 mm	29 mm	36	144	5.4 kg	
GL81112A	6 mm	138 mm	31 mm	36	144	7 kg	
GL81113A	7 mm	148 mm	33 mm	36	144	9.6 kg	
GL81114A	8 mm	175.5 mm	35 mm	18	72	6.6 kg	
GL81116A	10 mm	167 mm	39 mm	18	72	11 kg	

- Ball point keys allow for angled access to fasteners
- Short arm key with chamfered edges for smooth and easy fit and reduce stripped fasteners
- Made of Chrome Vanadium steel for strength and durability

DIN 911



Metric Long Hex Keys

Cat. No.	Fastener Size	Long End Length	Short End Length				
GL81304A	1.5 mm	77 mm	13.5 mm	72	864	3 kg	○
GL81305A	2 mm	82 mm	15.5 mm	72	864	4.1 kg	○
GL81306A	2.5 mm	88.5 mm	17.5 mm	72	432	4.6 kg	○
GL81307A	3 mm	98.5 mm	19 mm	36	432	4.9 kg	○
GL81308A	4 mm	104 mm	24 mm	36	432	7.6 kg	○
GL81310A	5 mm	116 mm	27 mm	36	144	4.6 kg	○
GL81312A	6 mm	138 mm	31 mm	36	144	6.5 kg	○
GL81314A	8 mm	157.5 mm	35 mm	18	72	6.8 kg	○
GL81316A	10 mm	167 mm	39 mm	18	72	10.7 kg	○

- Longer length key for improved access and leverage
- Camfered edges for smooth and easy fit and reduce stripped fasteners
- Made of Chrome Vanadium steel for strength and durability

DIN 911



Metric T-Handle Ball Point Hex Keys

Cat. No.	Fastener Size	Handle Length	Length				
GL83105	2 mm	61.5 mm	129 mm	12	144	5.3 kg	●
GL83106	2.5 mm	61.5 mm	129 mm	12	144	5.6 kg	●
GL83107	3 mm	61 mm	128.5 mm	12	144	6.1 kg	●
GL83108	4 mm	60.5 mm	178 mm	12	144	8.3 kg	●
GL83110	5 mm	64 mm	178 mm	12	144	10.6 kg	●
GL83112	6 mm	88 mm	192 mm	12	72	10.3 kg	●
GL83113	7 mm	87.5 mm	241.5 mm	12	72	9.4 kg	●
GL83114	8 mm	87.5 mm	241.5 mm	12	72	15.7 kg	●
GL83116	10 mm	91 mm	241.5 mm	12	72	16.1 kg	●

- Ergonomic non-slip grip delivers superior strength and ultimate comfort in use
- Key made of SVCM+ material to provide 30% more torque than Cr-V material



Metric T-Handle Hex Keys

Cat. No.	Fastener Size	Handle Length	Length				
GL83305	2 mm	61.5 mm	129 mm	12	144	5.2 kg	
GL83306	2.5 mm	61.5 mm	129 mm	12	144	5.6 kg	
GL83307	3 mm	61.5 mm	129 mm	12	144	6.1 kg	
GL83308	4 mm	60.5 mm	178 mm	12	144	8.3 kg	
GL83310	5 mm	64 mm	178 mm	12	144	10.4 kg	
GL83312	6 mm	88 mm	192 mm	12	72	10.4 kg	
GL83313	7 mm	87.5 mm	241.5 mm	12	72	9.3 kg	
GL83314	8 mm	87.5 mm	241.5 mm	12	72	15.8 kg	
GL83316	10 mm	91 mm	241.5 mm	12	72	16.5 kg	

- Ergonomic non-slip grip delivers superior strength and ultimate comfort in use
- Key made of SVCM+ material to provide 30% more torque than Cr-V material



Metric Black Oxide Hex Keys

Cat. No.	Fastener Size	Long End Length	Short End Length				
GL84318	12 mm	209 mm	44 mm	12	48	12.8 kg	
GL84320	14 mm	232.5 mm	54.5 mm	12	24	9.7 kg	
GL84321	16 mm	239.5 mm	58.5 mm	12	24	13.10 kg	
GL84322	18 mm	261 mm	64.5 mm	12	24	18.20 kg	
GL84323	17 mm	246 mm	61.5 mm	12	24	15.2 kg	
GL84325	19 mm	275.5 mm	68.5 mm	10	20	17.4 kg	
GL84328	22 mm	330 mm	78 mm	0	12	16.5 kg	
GL84324	24 mm	369.5 mm	88 mm	12	24	18.30 kg	
GL84329	27 mm	410 mm	97.5 mm	0	6	15.50 kg	

- Black oxide finish for corrosion protection
- Made of Chrome Vanadium steel for strength and durability



Tamper-Proof Torx® Keys

Cat. No.	Fastener Size	Long End Length	Short End Length				
GL84501	T6	70 mm	13 mm	72	864	4.7 kg	
GL84502	T7	74 mm	14 mm	72	864	5.5 kg	
GL84503	T8	78 mm	15 mm	72	864	5.4 kg	
GL84504	T9	82 mm	16 mm	72	864	6.8 kg	
GL84505	T10	86 mm	17 mm	72	864	6.8 kg	
GL84506	T15	90 mm	18 mm	72	864	8.3 kg	
GL84507	T20	95 mm	19 mm	72	432	7.1 kg	
GL84508	T25	100 mm	20 mm	72	432	8.9 kg	
GL84509	T27	105 mm	21 mm	72	432	10.6 kg	
GL84510	T30	114 mm	24 mm	72	432	13.2 kg	
GL84511	T40	124 mm	26 mm	72	288	14.2 kg	
GL84512	T45	133 mm	29 mm	36	144	10.5 kg	
GL84513	T50	152 mm	32 mm	36	144	14.5 kg	

· Made of S2 material tempered for improved performance and durability



Striking & Struck Punch & Chisel

Forged high carbon steel head for increased shock absorption

Fiberglass handle offers solid grip and minimizes vibration



- All punches and chisels are manufactured from Chrome Vanadium steel, heat treated and tempered for strength and durability.
- Tapered striking end resists chipping.
- Cutting edges and tips are ground to precise angles and tolerances for performance and long life

Flat Chisel for cutting rivets, bolts and nuts

Cape Chisel for cutting slots and keyways

Pin Punch for final removal to drive out pins and rivets

Center Punch for marking center lines and pilot drill locations

5 Pc. Punch Set

Cat. No.				
GL09161	20	40	14.4 kg	●

CONTENTS:

- 1 - Center Punch 4mm
- 1 - Drift Punch 3mm
- 1 - Pin Punch 4mm
- 1 - Cape Chisel 5mm
- 1 - Flat Chisel 12mm



- Chromate treatment for improved corrosion resistance
- Made of Chrome Vanadium steel for strength and durability
- Complies to ASME safety requirement:
Chisel: ASME B10747M-1998
Punch: ASME B10748M-1998
- Product dimensional accuracy exceeds DIN standard

 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

6 Pc. Pin Punch Set

Cat. No.				
GL09162	6	24	17.5 kg	●

CONTENTS:

- 2, 3, 4, 5, 6, 8mm



- Chromate treatment for improved corrosion resistance
- Made of Chrome Vanadium steel for strength and durability
- Complies to ASME safety requirement ASME B10748M-1998
- Product dimensional accuracy exceeds DIN standard

 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

3 Pc. Chisel Set

Cat. No.				
GL09163	4	8	12.1 kg	●

CONTENTS:

- Flat Chisels 20, 22, 25mm



- Powder coating treatment for rust resistance
- Made of Chrome Vanadium steel for strength and durability
- Complies to ASME safety requirement ASME B10747M-1998
- Product dimensional accuracy exceeds DIN standard

 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

13 Pc. Punch and Chisel Set

Cat. No.				
GL09164	4	8	11.3 kg	●

CONTENTS:

- 2 - Center Punches 4, 5mm
- 1 - Drift Punch 3mm
- 6 - Pin Punches 2, 3, 4, 5, 6, 8mm
- 1 - Cape Chisel 5mm
- 3 - Flat Chisels 12, 15, 18mm



- Chromate treatment for improved corrosion resistance
- Made of Chrome Vanadium steel for strength and durability
- Complies to ASME safety requirement:
Chisel: ASME B10747M-1998
Punch: ASME B10748M-1998
- Product dimensional accuracy exceeds DIN standard

 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

Center Punches

Cat. No.	Size	Tapping Surface Outside Diameter	Overall Length				
GL90751	4 mm	8 mm	120 mm	10	300	174 kg	
GL90762	5 mm	10 mm	150 mm	10	120	13.7 kg	

- Chromate treatment for improved corrosion resistance
- Made of Chrome Vanadium steel to provide maximum strength and durability
- Complies to USA ASME safety requirement ASME B10748M-1998
- product dimensional accuracy exceeds DIN standard



 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Pin Punches

Cat. No.	Size	Tapping Surface Outside Diameter	Overall Length				
GL90771	2 mm	8 mm	150 mm	10	200	12.2 kg	
GL90772	3 mm	8 mm	150 mm	10	200	12.3 kg	
GL90753	4 mm	8 mm	150 mm	10	300	18.1 kg	
GL90774	5 mm	8 mm	150 mm	10	200	14.3 kg	
GL90775	6 mm	10 mm	150 mm	10	120	12.2 kg	
GL90776	8 mm	10 mm	150 mm	10	120	13.5 kg	

- Chromate treatment for improved corrosion resistance
- Made of Chrome Vanadium steel to provide maximum strength and durability
- Complies to USA ASME safety requirement ASME B10748M-1998
- Product dimensional accuracy exceeds DIN standard



 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Cold Chisels

Cat. No.	Size	Tapping Surface Outside Diameter	Overall Length				
GL90782	15 mm	10 mm	150 mm	10	120	15.3 kg	
GL90783	18 mm	12 mm	175 mm	10	80	16.4 kg	

- Chromate treatment for improved corrosion resistance
- Made of Chrome Vanadium steel to provide maximum strength and durability
- Complies to USA ASME safety requirement ASME B10748M-1998
- Product dimensional accuracy exceeds DIN standard



 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Cold Chisels

Cat. No.	Size	Tapping Surface Outside Diameter	Overall Length				
GL90784	20 mm	14 mm	200 mm	6	48	15 kg	●
GL90785	22 mm	18 mm	250 mm	6	24	14.6 kg	●
GL90786	25 mm	20 mm	300 mm	4	16	14.3 kg	●

- Cutting edges are ground to precise angles for efficient cutting and long life
- Powder coating treatment for rust resistance
- Made of Chrome Vanadium steel for strength and durability
- Complies to USA ASME safety requirement ASME B107.47M-1998
- Product dimensional accuracy exceeds German DIN standard



Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Standard Bumping Hammer

Cat. No.	Head Weight	Head Length	Overall Length				
GL92101	320 g	97 mm	330 mm	6	36	16.4 kg	●

- Durable hickory handle provides comfortable grip
- Unique embedding process to prevent hammer head from easily falling off
- Forging hammer head with quenching treatment to prevent easy broken



Heavy Shrinking Hammer

Cat. No.	Head Weight	Head Length	Overall Length				
GL92102	390 g	97 mm	330 mm	6	36	15.6 kg	●

- Durable hickory handle provides comfortable grip
- Unique embedding process to prevent hammer head from easily falling off
- Forging hammer head with quenching treatment to prevent easy broken



Light Shrinking Hammer

Cat. No.	Head Weight	Head Length	Overall Length				
GL92104	320 g	97 mm	330 mm	6	36	15.6 kg	●

- Durable hickory handle provides comfortable grip
- Unique embedding process to prevent hammer head from easily falling off
- Forging hammer head with quenching treatment to prevent easy broken



Curved Pein and Finishing Hammer

Cat. No.	Head Weight	Head Length	Overall Length				
GL92103	305 g	140 mm	330 mm	6	36	15.8 kg	

- Durable hickory handle provides comfortable grip
- Unique embedding process to prevent hammer head from easily falling off
- Forging hammer head with quenching treatment to prevent easy broken



Straight Pein and Finishing Hammer

Cat. No.	Head Weight	Head Length	Overall Length				
GL92105	305 g	140 mm	330 mm	6	36	16.2 kg	

- Durable hickory handle provides comfortable grip
- Unique embedding process to prevent hammer head from easily falling off
- Forging hammer head with quenching treatment to prevent easy broken



Pick and Finishing Hammer

Cat. No.	Head Weight	Head Length	Overall Length				
GL92106	260 g	137 mm	330 mm	6	36	15.6 kg	

- Durable hickory handle provides comfortable grip
- Unique embedding process to prevent hammer head from easily falling off
- Forging hammer head with quenching treatment to prevent easy broken



Fiberglass Ball Pein Hammers

Cat. No.	Head Weight (Grams)	Head Weight (Ounces)	Overall Length				
GL92301	227 g	8 oz	297 mm	4	8	3.6 kg	
GL92302	454 g	16 oz	343 mm	2	8	6.3 kg	
GL92303	680 g	24 oz	349 mm	2	8	9.1 kg	
GL92304	910 g	32 oz	351 mm	2	8	10.6 kg	
GL92305	1134 g	40 oz	380 mm	4	8	13.2 kg	

- Fiberglass handle provides solid grip and minimizes vibration
- Unique embedding process to prevent hammer head from easily falling off
- Hammer head is made of high carbon steel to withstand strong impact



Fiberglass Claw Hammers

Cat. No.	Head Weight (Grams)	Head Weight (Ounces)	Overall Length				
GL92308	227 g	8 oz	280 mm	4	8	3.6 kg	
GL92306	454 g	16 oz	330 mm	2	8	6.7 kg	
GL92307	680 g	24 oz	380 mm	2	8	8.8 kg	

- Fiberglass handle provides solid grip and minimizes vibration
- Unique embedding process to prevent hammer head from easily falling off
- Hammer head is made of high carbon steel to withstand strong impact



Hickory Ball Pein Hammers

Cat. No.	Head Weight (Grams)	Head Weight (Ounces)	Overall Length				
GL92312	454 g	16 oz	350 mm	6	12	9.2 kg	
GL92313	680 g	24 oz	360 mm	6	12	12 kg	
GL92314	910 g	32 oz	390 mm	6	12	15.2 kg	
GL92315	1134 g	40 oz	400 mm	4	8	12.5 kg	

- Durable hickory handle provides comfortable grip
- Unique embedding process to prevent hammer head from easily falling off
- Hammer head is made of high carbon steel to withstand strong impact



Hickory Claw Hammers

Cat. No.	Head Weight (Grams)	Head Weight (Ounces)	Overall Length				
GL92322	370 g	13 oz	308 mm	6	12	7.5 kg	
GL92323	454 g	16 oz	330 mm	6	12	8.5 kg	
GL92324	567 g	20 oz	330 mm	6	12	9 kg	

- Durable hickory handle provides comfortable grip
- Unique embedding process to prevent hammer head from easily falling off
- Hammer head is made of high carbon steel to withstand strong impact



Hickory Engineers Hammers

Cat. No.	Head Weight (Grams)	Overall Length				
GL92401	200 g	285 mm	8	16	5.5 kg	
GL92402	300 g	300 mm	8	16	7.9 kg	
GL92403	400 g	320 mm	4	8	4.8 kg	
GL92404	500 g	320 mm	4	8	5.6 kg	
GL92405	800 g	350 mm	4	8	8.8 kg	
GL92406	1000 g	360 mm	4	8	10.7 kg	

- Durable hickory handle provides comfortable grip
- Unique embedding process to prevent hammer head from easily falling off
- Hammer head is made of high carbon steel to withstand strong impact



Hickory Soft Face Hammers

Cat. No.	Head Weight (Grams)	Overall Length				
GL92501	160 g	260 mm	6	60	8.4 kg	
GL92502	162 g	300 mm	6	12	2.8 kg	
GL92503	308 g	320 mm	6	12	4.8 kg	
GL92504	454 g	320 mm	6	12	6.7 kg	
GL92505	778 g	385 mm	4	8	8 kg	

- Durable hickory handle provides comfortable grip
- Aluminum alloy steel head with screw-in interchangeable soft-face / hard-face hammer tips for versatile jobs



 Plastic hammer head is not covered under Lifetime Warranty.

Soft Face Hammer Tip

Cat. No.	Diameter				
GL92521	22 mm	6	180	8.1 kg	
GL92522	28 mm	6	144	9 kg	
GL92523	35 mm	6	162	9.6 kg	
GL92524	45 mm	6	48	4.4 kg	
GL92525	60 mm	6	48	8 kg	

- Ideal for various applications and use on a variety of surfaces and materials without marring and surface damage



Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Hard Face Hammer Tip

Cat. No.	Diameter				
GL92531	22 mm	6	360	5.8 kg	
GL92532	28 mm	6	180	7.7 kg	
GL92533	35 mm	6	96	7.8 kg	
GL92534	45 mm	4	48	6.7 kg	
GL92535	60 mm	4	80	14.2 kg	

- Ideal for various applications and use on a variety of surfaces and materials without marring and surface damage



Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Dead Blow Hammers

Cat. No.	Head Weight (Grams)	Overall Length				
GL92901	400 g	260 mm	6	36	16.2 kg	
GL92902	520 g	286 mm	6	24	15.4 kg	
GL92903	1050 g	350 mm	4	16	18.3 kg	
GL92904	1500 g	370 mm	2	12	20.5 kg	

- Made from industrial grade NBR material for oil, splits, abrasions and extreme cold temperature resistance
- Steel shot filled head deadens blows, minimizes/eliminates rebound, maximizes force and absorbs the shock of impact
- Soft face prevents marring of surfaces and equipment
- Rubber handle with texture and flang butt-end for improved grip



Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Rubber Mallet Hammers

Cat. No.	Head Weight (Grams)	Overall Length				
GL92912SM	454 g	330 mm	6	36	21 kg	
GL92913SM	567 g	331 mm	6	24	28 kg	



Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Auto Specialty Tool



SATA® continues to grow its auto specialty tool product line in an effort to offer quality tools built to last and make the professionals get the job done with ease.



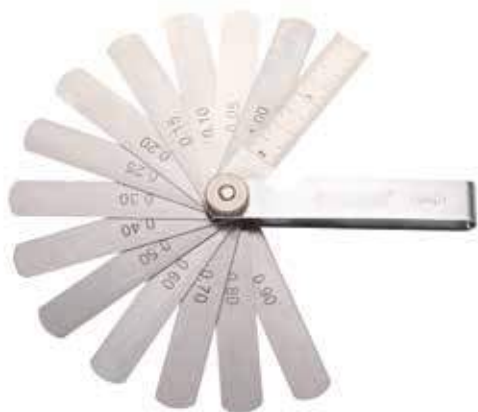
Specially designed wrench removes and installs hard-to-reach oil filters.

14 Pc. Feeler Gauge Set 0.05-1.00mm

Cat. No.				
GL09401	24	144	12.1 kg	●

CONTENTS:

0.05, 0.10, 0.15, 0.20, 0.25, 0.30, 0.40, 0.50, 0.60, 0.70, 0.80, 0.90, 1.00mm



- Meet DIN2275 & JIS B 7524-1992 standards
- Blade length 3"
- Blade is made of Manganese alloy steel

 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

16 Pc. Feeler Gauge Set 0.05-1.00mm

Cat. No.				
GL09402	12	144	174 kg	●

CONTENTS:

0.05, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.50, 0.55, 0.60, 0.70, 0.75, 0.80, 0.90, 1.00mm



- Meet DIN2275 & JIS B 7524-1992 standards
- Blade length 3"
- Blade is made of Manganese alloy steel

 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

23 Pc. Feeler Gauge Set 0.02-1.00mm

Cat. No.				
GL09405	36	144	16.6 kg	●

CONTENTS:

0.02, 0.03, 0.04, 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



- Meet DIN2275 & JIS B 7524-1992 standards
- Blade length 4"
- Blade is made of Manganese alloy steel

 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

32 Pc. Feeler Gauge Set 0.02-1.00mm

Cat. No.				
GL09407	24	144	20.7 kg	●

CONTENTS:

0.02, 0.03, 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.13, 0.15, 0.18, 0.20, 0.23, 0.25, 0.28, 0.30, 0.33, 0.38, 0.40, 0.45, 0.50, 0.55, 0.60, 0.63, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 1.00mm



- Meet DIN2275 & JIS B 7524-1992 standards
- Blade length 3.5"
- Blade is made of Manganese alloy steel

 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

9 Pc. 3/8" Drive 6 Point Metric Motorcycle Tool Set

Cat. No.				
GL09511	0	6	8.5 kg	

- CONTENTS:
- 7 - 6pt. Metric Deep Sockets 8, 9, 10, 11, 12, 13, 14 mm
 - 2 - Accessories
 - T-Handle
 - Wobble Extension Bar 10"



8 Pc. End Cap Oil Filter Wrench Set

Cat. No.				
GL09703	0	4	12.6 kg	

- CONTENTS:
- 6 - 1/2"Dr. End Cap Oil Filter Wrenches 65, 74, 76, 80, 90, 93 mm
 - 1 - 3/8"Dr. Quick-Release Ratchet
 - 1 - 3/8"F x 1/2"M Socket Adapter



- Caution: Do not use with power tools
- Specially designed wrench removes and installs hard-to-reach oil filters
- Black electro-deposition coated finish for durability and corrosion resistance

6 Pc. Automotive Body Repair Tool Set

Cat. No.				
GL09152	0	2	14.6 kg	

- CONTENTS:
- 1 - Anvil Dolly
 - 1 - Wedge Dolly
 - 1 - Pry Bumping Spoon
 - 1 - Toe Dolly
 - 1 - Light Shrinking Hammer
 - 1 - Pick & Finishing Hammer



Cross Wheel Wrench

Cat. No.	Size				
GL48101	17, 19, 21mm, 1/2 in	4	12	17 kg	



- Made of Chrome Vanadium steel
-  Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

50 Pc. Auto Repair Master Tool Set

Cat. No.				
GL09508	0	2	19 kg	

CONTENTS:

- 1 - 1/2"Dr. Quick-Release Ratchet
- 11 - 1/2"Dr. 12pt. Metric Sockets 8, 10, 12, 17, 18, 19, 20, 21, 22, 24, 27 mm
- 1 - 1/2"Dr. 50L Bit Socket Hex 17 mm
- 1 - 1/2"Dr. 100L Bit Socket Hex 7 mm
- 9 - 1/2"Dr. Extra Long Bit Sockets Hex 6x70, 8x120, 6x250, 5x180, 6x140, 10x140 mm
Triple Square M8x100, M10x120, M10x140 mm
- 9 - Extra Long Arm Ball Point Hex Key Set 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm
- 2 - 1/2"Dr. Spark Plug Sockets 16, 21 mm
- 6 - Raised Panel Combination Wrenches 8, 10, 13, 17, 19, 22 mm
- 2 - Cushion Grip Go-Through Screwdrivers Slotted 6x100mm
Phillips #6x100mm
- 8 - Accessories
 - 1/2"Dr. T-Handle
 - 1/2"Dr. Wobble Extension Bars 5", 10"
 - 1/2"Dr. Universal Joint
 - 1/2"Dr. Offset Handle 260mm
 - 3/8"Dr. Two Way Oil Filter Wrench with Adapter
 - Front Shock Absorber Socket Wrench
 - Shock Absorber Socket



56 Pc. Auto Repair Master Tool Set

Cat. No.				
GL09509	0	4	20.2 kg	

CONTENTS:

- 1 - 3/8"Dr. Quick-Release Ratchet
- 15 - 3/8"Dr. 6pt. Metric Sockets 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 mm
- 2 - 3/8"Dr. Spark Plug Sockets 16, 21 mm
- 11 - Combination Wrenches 8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 22 mm
- 1 - Long Nose Pliers 6"
- 1 - Slip Joint Pliers
- 2 - Cushion Grip Go-Through Screwdrivers Slotted 6x100mm
Phillips #2x100mm
- 15 - 1/4" Shank 25L Bits Slotted 4, 5, 6, 5 mm
Phillips #1, #3 Hex 3, 4, 5, 6 mm
Torx® T10, T15, T20, T25, T30, T40
- 8 - Accessories
 - 1/4"Dr. Spinner Handle
 - 1/4"Dr. x 1/4" Shank Bit Adapter
 - 3/8"Dr. Wobble Extension Bars 3", 10"
 - 3/8"Dr. Universal Joint
 - 1/4" F x 3/8" M, 3/8" F x 1/4" M Socket Adapters
 - 1/2" F x 3/8" M 3-Way Adapter



5 Pc. Fine Threaded Extractor Set

Cat. No.				
GL09704	6	72	11.1 kg	

CONTENTS:
2, 3, 4, 6.5, 7mm



- For removing screws and studs that cannot be held firmly
- Selection of GCr15 bearing steel materials
- Tapered extractors for broken screws and studs

 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

5 Pc. Coarse Threaded Extractor Set

Cat. No.				
GL09704A	6	72	11.1 kg	

CONTENTS:
3.3, 5.3, 6.4, 8.8, 11.2mm



- Coarse thread design for longer usage life
- Easy to use for quick removing broken screws
- Selection of GCr15 bearing steel materials

 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

5 Pc. Hook and Pick Set

Cat. No.				
GL09709	20	200	11 kg	

CONTENTS:
1 - Magnetic Aluminum Handle 5"
4 - Picks O-Ring, 90°, Straight, Hook



- Use picks to pull O-Rings, seals and cotter pins quickly and easily
- Heat treated picks for improved durability

2-Jaw Reversible Pullers

Cat. No.	Size	Overall Length	Jaw Capacity				
GL90623	3 in	125 mm	75 mm	0	48	20.2 kg	●
GL90624	4 in	155 mm	100 mm	0	24	20.2 kg	●
GL90626	6 in	240 mm	150 mm	0	12	21.4 kg	●
GL90628	8 in	325 mm	200 mm	0	5	19 kg	●

- Reversible jaws for internal and external applications
- Jaws are made of Chrome Vanadium steel with heat treatment to ensure durability



3-Jaw Reversible Pullers

Cat. No.	Size	Overall Length	Jaw Capacity				
GL90633	3 in	125 mm	75 mm	0	24	14.5 kg	●
GL90634	4 in	155 mm	100 mm	0	18	20.1 kg	●
GL90636	6 in	240 mm	150 mm	0	8	20.9 kg	●
GL90638	8 in	325 mm	200 mm	0	4	21.6 kg	●
GL90640	10 in	340 mm	250 mm	0	3	25 kg	○
GL90642	12 in	385 mm	300 mm	0	2	22 kg	○

- Reversible jaws for internal and external applications
- Jaws are made of Chrome Vanadium steel with heat treatment to ensure durability



Universal Ball Joint Separator

Cat. No.				
GL90651	0	18	19 kg	●



- For separating the ball joint from the steering knuckles
- Made of Chrome Vanadium steel with special heat treatment to withstand heavy duty work

Ball Joint Separator

Cat. No.	Size				
GL90665	12 in	6	24	19.3 kg	○



- Tool separates ball joint from steering knuckles
- Forged to withstand hard usage

Wheel Weight Tool

Cat. No.				
GL92107	12	48	23.0 kg	



- Designed to remove and install wheel weights allowing user to pinch, pry and hammer weights
- ⚠ Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Wedge Dolly

Cat. No.				
GL92205	6	12	20.5 kg	



- Made of high carbon steel, forged and tempered, for strength and durability

Drip Molding Spoon

Cat. No.				
GL92209	0	12	17 kg	



- Made of high carbon steel, forged and tempered, for strength and durability

Anvil Dolly

Cat. No.				
GL92203	6	12	17 kg	



- Made of high carbon steel, forged and tempered, for strength and durability

Toe Dolly

Cat. No.				
GL92207	6	12	18 kg	



- Made of high carbon steel, forged and tempered, for strength and durability

End Cap Oil Filter Wrench

Cat. No.	Size	Flute				
GL97401	65 mm	14 mm	4	32	8.0 kg	
GL97403	74 mm	15 mm	4	32	9.3 kg	
GL97404	76 mm	14 mm	4	32	10.3 kg	
GL97405	80 mm	15 mm	4	32	10.3 kg	
GL97406	90 mm	15 mm	4	32	10.9 kg	
GL97407	93 mm	15 mm	4	32	11.5 kg	

- Use with 1/2" square drive tools
- Black electro-deposition coated finish for durability and corrosion resistance



Universal 3-Jaw Oil Filter Wrench

Cat. No.	Max Diameter	Min Diameter				
GL97422	102 mm	63 mm	2	16	7.8 kg	



- Use with 1/2" square drive tools
- Heavy duty construction for increased torque to loosen tough filters

Adjustable Oil Filter Wrench Pliers

Cat. No.	Max Diameter	Min Diameter				
GL97426	116 mm	63.5 mm	6	36	17.5 kg	



- Plastisol coated handles provides a firm grip
- Two-clamp handle allows larger clamping power
- For removing oil filters from 63.5mm to 116mm in diameters

Oil Filter Strap Wrench

Cat. No.	Length	Capacity				
GL97441	18 in	120 mm	4	32	7 kg	

- Strap is made of high strength nylon and handle is made of forged steel
- Use with 1/2" drive tools or 13/16" wrench tools to handle filters with diameters up to 120mm



Piston Ring Compressor

Cat. No.	Size				
GL97501	3 in	30	60	18.5 kg	
GL97502	4 in	30	60	20.5 kg	



- Working range: GL97501: 53-175MM
GL97502: 60-175MM
- Tool is beaded along lower edge to prevent compressor from entering the cylinder
- Heavy spring steel compresses the stiffest rings evenly
- Positive lock action provides positive compression and fingertip release



Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

Electrical Wire Stripper and Crimper

Cat. No.				
GL97521	6	72	17.3 kg	



- All-purpose tool includes pliers type nose, crimper, wire cutter, stripper and bolt cutter
- Crimper works on insulated and non-insulated terminals:
 - Non-insulated auto 7, 8 mm
 - Insulated electrical 22-20 to 12-10
 - Electrical 22-20 to 22-10
- Bolt cutter for bolt sizes 4-40, 5-40, 6-32, 8-32, 10-32 and 10-40
- Capable of stripping wire insulation from 0.75mm to 6.0mm
- Ergonomic handle with dipping for optimal comfort and control

Coil Spring Compressor

Cat. No.	Size				
GL97701	270 mm	0	8	14.9 kg	●
GL97702	370 mm	0	8	17.1 kg	●



- Size: GL97701: 270 mm
GL97702: 370 mm
- Reinforced screw thread design to ensure safety
- Suitable for use where space under wheel arch is limited
- Works with 1/2" drive tools or with 21mm socket and wrench
- Forged carbon steel jaws for extended tool life

Grease Gun Coupler

Cat. No.				
GL97211	18	72	3.3 kg	●



- Nozzle with ball-bearing ensures no reverses flow
-  Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Flexible Grease Gun Whip Hose

Cat. No.	Overall Length				
GL97212	300 mm	9	72	7.2 kg	●
GL97213	450 mm	9	72	9.6 kg	●



- For use with manual grease guns to reach into confined areas
- Heavy duty high strength nylon sleeve for handling high pressure from hand held grease guns

-  Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Pistol Grip Grease Gun

Cat. No.	Bulk Capacity	Working Pressure	Max. Working Pressure	Output				
GL97201	100 cc	2900 psi	4000 psi	0.5oz / 40 strokes	1	12	5.55 kg	●

- 2 way loading - cartridge or 100CC bulk
- Compact, lightweight construction and pistol design for hard-to-reach jobs and easy one-hand operation
- Quality durable die-cast head for longer service life
- High strength spring for consistent priming
- Unique filling nipple design with steel ball to prevent backflow
- Special plunger lock for safe and convenient filling



-  Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Plastic Handle Grease Gun

Cat. No.	Bulk Capacity	Working Pressure	Max. Working Pressure	Output				
GL97203	400 cc	4500 psi	10000 psi	1oz / 40 strokes	1	12	9.5 kg	●

- 3 way loading - 14 oz cartridge, filler pump or 400CC bulk
- Durable die-cast head for longer service life
- High strength spring for consistent priming
- Unique filling nipple design with steel ball to prevent backflow
- Special plunger lock for safe and convenient filling
- Quality steel lever handle with comfortable rubber grip



Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Heavy Duty Grease Gun

Cat. No.	Bulk Capacity	Working Pressure	Max. Working Pressure	Output				
GL97204	600 cc	7000 psi	10000 psi	1oz / 40 strokes	1	10	174 kg	●

- 3 way loading - 14 oz cartridge, filler pump or 600CC bulk
- High strength cast iron grease nozzle for industrial applications
- Quality steel lever handle with comfortable rubber grip
- Equipped with a hose and nozzle for special needs



Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Heavy Duty Service Jack 2.5 Tonne

Cat. No.	Lift Capacity	Max. Height	Min. Height				
GL97813	2.5 T	460 mm	130 mm	0	1	31.5 kg	

• Built-in safety overload device prevents use beyond rated capacity • Dual piston pump for rapid lifting • Patent dual handle design for better leverage and a solid grip • Universal joint release mechanism for precision control in any handle position	ASME PALD-2009	

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.



Heavy Duty Low Profile Service Jack 1.5 Tonne

Cat. No.	Lift Capacity	Max. Height	Min. Height				
GL97816	1.5 T	610 mm	65 mm	0	1	46 kg	

• Built-in safety overload device prevents use beyond rated capacity • Dual piston pump for rapid lifting • Ultra low profile is ideal for sport cars and vehicles with flat tires and low chassis • Patent dual handle design for better leverage and a solid grip • Universal joint release mechanism for precision control in any handle position	ASME PALD-2009	

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.



Heavy Duty Low Profile Service Jack 2 Tonne

Cat. No.	Lift Capacity	Max. Height	Min. Height				
GL97817	2 T	505 mm	76 mm	0	1	34 kg	●

- Built-in safety overload device prevents use beyond rated capacity
- Dual piston pump for rapid lifting
- Ultra low profile is ideal for sport cars and vehicles with flat tires and low chassis
- Patent dual handle design for better leverage and a solid grip
- Universal joint release mechanism for precision control in any handle position

ASME PALD-2009



Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.



Heavy Duty Low Profile Service Jack 3 Tonne

Cat. No.	Lift Capacity	Max. Height	Min. Height				
GL97818	3 T	520 mm	102 mm	0	1	46.5 kg	●

- Built-in safety overload device prevents use beyond rated capacity
- Dual piston pump for rapid lifting
- Ultra low profile is ideal for sport cars and vehicles with flat tires and low chassis
- Patent dual handle design for better leverage and a solid grip
- Universal joint release mechanism for precision control in any handle position

ASME PALD-2009



Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.



Low Profile Aluminum Service Jack 1.5 Tonne

Cat. No.	Lift Capacity	Max. Height	Min. Height				
GL97821	1.5 T	470 mm	85 mm	0	1	21.0 kg	

- Built-in safety overload device prevents use beyond rated capacity
- Dual piston pump for rapid lifting
- Universal joint release mechanism for precision control in any handle position
- Made of Aluminum alloy for light weight and rust resistance
- 360° rotation pallet with rubber pad to protect lifting object



 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Hydraulic Bottle Jack

Cat. No.	Lift Capacity	Max. Height	Min. Height				
ST97801ASC	2 T	344 mm	48 mm	1	6	15.5 kg	
ST97802ASC	4 T	373 mm	60 mm	1	6	20.3 kg	
ST97803ASC	6 T	416 mm	70 mm	0	4	16.5 kg	
ST97804ASC	8 T	455 mm	80 mm	0	4	21.3 kg	
ST97805ASC	10 T	460 mm	80 mm	0	4	23.7 kg	
ST97807ASC	16 T	440 mm	60 mm	0	2	15.0 kg	
ST97808ASC	20 T	452 mm	60 mm	0	2	19.1 kg	
ST97809ASC	32 T	440 mm	/	0	1	12.4 kg	
ST978010ASC	50 T	425 mm	/	0	1	26.9 kg	

- Lift capacity: tonne (metric ton)
- Wide selection of bottle jacks with different lift capacities for versatile jobs
- Welded sturdy steel construction for strength and leak free performance
- Two-piece handle design for easy storage



 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

8" High Leverage Riveter

Cat. No.	Size				
GL90501	8 in	1	10	6 kg	●

- Includes four nosepieces, 24mm (3/32"), 3.2mm (1/8"), 4.0mm (5/32") and 4.8mm (3/16"), that can be easily removed and interchanged without any tool
- Long, ergonomically designed handles to increase leverage



Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

High Leverage Riveter With Collection Bottle

Cat. No.	Size				
GL90504	11 in	10	20	16 kg	○
GL90502	13 in	1	8	10 kg	●

- Heavy duty steel construction
- Pulls and sets rivets up to 64mm
- High leverage non-slip handle design provides the power to pull larger rivets and ensures durability
- Plastic collection bottle for easy disposal of spent mandrels
- Supplied with nozzle wrench for use



Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Other Tools



7 teeth per inch

Tooth tip is heat treated by ultra high frequency

Hardened area in only at cutting edge around each tooth, softer core avoids tooth rippage

2 sharp cutting edges on each tooth which cut wood fiber faster and cleaner



Fits easily into most tape holsters

High strength chrome finished case designed to fit perfectly in the hand.

Bright yellow blade has clear easy-to-read numerals

11 Pc. Driver's Tool Set

Cat. No.				
GL06011	0	4	11.2 kg	

CONTENTS:

- 1- 1/2"Dr. L Type Extendable Socket Wrench
- 2- 1/2"Dr. Double-end Sockets 17x19, 21x23 mm
- 1- Linesman Pliers 7"
- 1- Long Nose Pliers 6"
- 1- Adjustable Wrench 8"
- 1- Acetate Screwdriver Slotted 6x100 mm
- 1- Acetate Screwdriver Phillips #2x100 mm
- 1- Tape Measure 3mx16 mm
- 1- Utility Knife 18x100 mm
- 1- LED Flashlight

- Metric/Imperial scale
- Bright yellow blade has clear easy-to-read numerals
- Clearcoat blade protection for longer blade life
- Case designed to fit perfectly in the hand
- High strength chrome finished case
- Fits easily into most tape holsters
- Removable belt clip



Zipper case is not covered under Lifetime Warranty. Refer to individual tools for warranty conditions.

53 Pc. Telecom Tool Set

Cat. No.				
GL09535	0	2	9 kg	

CONTENTS:

- 11 - 1/4"Dr. 6pt. Metric Sockets 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
- 15 - 1/4" Shank 25L Bits
 - Slotted 4, 5.5, 6.5 mm;
 - Phillips #1, #2, #3;
 - Tamper-Proof Torx® T10, T15, T20;
 - Hex 2, 2.5, 3, 4, 5, 6 mm
- 4 - Acetate Screwdrivers
 - Phillips #1x75 mm, #2x200 mm;
 - Slotted 5x75 mm, 6x100 mm
- 6 - Precision Combination Screwdrivers
 - Phillips #000x75 mm, #0x100 mm, #1x150 mm;
 - Slotted 2x75 mm, 3x100 mm, 4x150 mm
- 17 - Accessories
 - 1/4" Drive Bit Adapter 25 mm
 - 1/4" Drive Magnetic Bit Driver
 - Circuit Tester
 - Long Nose Pliers 6"
 - Diagonal Pliers 6"
 - Electrician's Knife
 - Soldering Iron 30W
 - Soldering Iron Stand
 - Anti-static Brush
 - Digital Multi-meter
 - Desoldering Pump
 - Insulation Tape
 - Adjustable Wrench 6"
 - Solder Wire 17G
 - Aluminum Flashlight
 - Self Adjusting Wire Stripper 6-1/2"
 - Tape Measure 3 mx16 mm



15 Pc. Basic Tool Set

Cat. No.				
GL06008	0	4	13.1 kg	

CONTENTS:

- 2 - Acetate Screwdrivers
Slotted 5x100 mm; Phillips #1x100 mm
- 1 - Circuit Tester 145 mm
- 1 - Adjustable Wrench 8"
- 1 - Long Nose Pliers 6"
- 1 - Linesman Pliers 6"
- 1 - Insulation Tape
- 1 - Fine Point Tweezer
- 1 - Tape Measure 3mx16mm
- 1 - Utility Knife 18x100mm
- 1 - Scissors
- 1 - Aluminum Flashlight
- 1 - Mini Hacksaw
- 1 - Hickory Claw Hammer 8 oz
- 1 - Plastic Box



Automotive Circuit Tester 6V/12V/24V

Cat. No.				
GL62503	10	40	3.6 kg	

- Test voltage: 6V, 12V, 24V
- For use in automobiles, motorcycles, bulldozers, rollers and other transportation machinery maintenance/operations



 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Circuit Tester

Cat. No.	Size				
GL62501	145 mm	12	252	8.1 kg	
GL62502	190 mm	12	180	9.4 kg	



- Do not use as normal screwdrivers
- Meet CE requirements
- Blade is made of chrome vanadium alloy steel, fully harden and tempered to provide maximum durability
- Measuring range 100-500VAC

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Digital Circuit Tester

Cat. No.				
GL62601	24	240	9.8 kg	



- Do not use as normal screwdrivers
- Do not test on 380 Voltage electric sources
- Direct or in-direct measure for 12, 36, 55, 110 and 220 Voltage(AC & DC)
- Induction test for easy break-point test, microwave radiation and leakage conditions
- LCD digital display
- No battery required

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Magnetic Pick-Up Tool

Cat. No.	Overall Length Min	Overall Length Max				
GL11924	165 mm	545 mm	6	36	3 kg	

- Long shaft gets in tight places
- Powerful magnets are fitted into the brass sleeve on these units



Flexible Magnetic Pick-Up Tool

Cat. No.	Size	Holding Capacity	Overall Length				
GL64104	6.0	0.5 kg	502 mm	12	48	0.13 kg	
GL64102	8.0	2 kg	510 mm	6	48	11.49 kg	
GL64103	8.0	3 kg	510 mm	12	72	0.20 kg	



- Acetate handle for greater strength, durability and impact resistance
- Long life soft shank surface with chrome plating can be any shape for working in any kind of working place
- High-strength magnets effectively adsorb the dropping workpiece

Outside Micrometer

Cat. No.	Range				
GL91531	0-25 mm	6	36	12.3 kg	



- Hardened measuring surfaces made of hard metal
- Clearly audible ratchet operation for reassurance that measurement is being performed at constant force

Outside Micrometer

Cat. No.	Size				
GL91532	25-50 mm	6	36	16.0 kg	
GL91533	50-75 mm	6	36	23.3 kg	



- Hardened measuring surfaces made of hard metal
- Clearly audible ratchet operation for reassurance that measurement is being performed at constant force

C-Clamp

Cat. No.	Size	Maxi Crimping Depth	Maxi Crimping Thickness	Overall Height	Overall Length	Overall Width				
GL90433	3 in	48 mm	75 mm	9.2 cm	174 cm	17.9 cm	6	24	18 kg	●
GL90434	4 in	54 mm	100 mm	10.7 cm	21.6 cm	1.9 cm	4	16	18 kg	●
GL90435	6 in	70 mm	150 mm	12.9 cm	28.2 cm	2.1 cm	6	12	19 kg	●
GL90436	8 in	83 mm	200 mm	14.7 cm	34.3 cm	22.2 cm	1	8	18 kg	●

- Iron frame with steel screw and swivel, sliding pin handle
- Durable powder coated finish



 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Mechanics Bench Vise

Cat. No.	Size	Maxi Crimping Width	Crimping Force				
GL70841	4 in	108 mm	1700 kg	0	1	17.7 kg	●
GL70842	5 in	133 mm	2100 kg	0	1	22 kg	●
GL70843	6 in	152 mm	3000 kg	0	1	29.9 kg	●
GL70845	8 in	203 mm	4000 kg	0	1	39.1 kg	●

- Excellent clamping force
- Machined base plate for smooth swivel with lug holes for secure positioning on work bench
- Large anvil work surface for shaping
- Replaceable serrated main jaws provide tight grip
- Square steel structure provides high strength clamping force for safe use
- Made of heavy duty cast iron



 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Tape Measure Metric/SAE Scale

Cat. No.	Tape Width	Tape Length				
GL91321	16 mm	3.5 m/12FT	6	36	6 kg	●
GL91322	19 mm	5 m/16FT	6	36	8.5 kg	●
GL91323	25 mm	7.5 m/25FT	6	24	9.5 kg	●



- Durable ABS case withstands rugged use on the job site
- Bright yellow blade with easy-to-read numbers

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Tape Measure Metric Scale

Cat. No.	Tape Width	Tape Length				
GL91334	19 mm	5 m	6	36	9.4 kg	●
GL91335	25 mm	5.5 m	6	48	8.4 kg	●
GL91336	25 mm	7.5 m	6	24	10.5 kg	●



- Durable ABS case withstands rugged use on the job site
- Nylon clad blade for improved wear resistance

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Rubber Grip Tape Measure

Cat. No.	Tape Width	Tape Length				
GL91333SM	16 mm	3 m	12	72	9 kg	●
GL91335SM	19 mm	5 m	12	72	15 kg	●
GL91336SM	25 mm	8 m	12	48	19 kg	●

- Metric/Imperial scale
- Bright yellow blade has clear easy-to-read numerals
- Clearcoat blade protection for longer blade life
- Case designed to fit perfectly in the hand
- Rubber cushion absorbs impact and improved grip
- Fits easily into most tape holsters
- Removable belt clip



 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Rubber Grip Tape Measure

Cat. No.	Tape Width	Tape Length				
GL91312SM	13 mm	3 m	12	144	13 kg	○
GL91314SM	19 mm	5 m	12	72	13 kg	○
GL91316SM	25 mm	8 m	12	48	19 kg	○
GL91317SM	25 mm	10 m	12	48	21 kg	○

- Metric/Imperial scale
- Bright yellow blade has clear easy-to-read numerals
- Clearcoat blade protection for longer blade life
- Case designed to fit perfectly in the hand
- High strength chrome finished case
- Fits easily into most tape holsters
- Removable belt clip



 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Fiberglass Long Tape

Cat. No.	Tape Width	Tape Length				
GL91363SM	13 mm	50 m	0	6	4.9 kg	○



- High impact sturdy ABS case for durability
- Easy-to-read markings for accurate measurement

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Square Zinc Handle

Cat. No.	Size				
GL91413SM	300 mm	6	36	13 kg	●



- Metric/Imperial scale
- Made of stainless steel
- Zinc handle

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Mini Hacksaw

Cat. No.	Size				
GL93403SM	6 in	0	24	4.5 kg	○



- ABS handle provides comfort and durability

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Aluminum Hacksaw

Cat. No.	Size				
GL93405	12 in	6	24	16.2 kg	●



- Ergonomic handle provides extra comfort
- One bi-metal 12" saw blade (#GL93407) included

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

Wood Handle Hand Saw

Cat. No.	Size	Overall Length				
GL93621SM	16 in	400 mm	6	48	21 kg	●
GL93622SM	18 in	450 mm	6	48	22 kg	●
GL93623SM	20 in	500 mm	6	48	25 kg	●
GL93624SM	22 in	550 mm	6	48	27 kg	●
GL93625SM	24 in	600 mm	6	48	29 kg	●

- Tooth tip is heat treated by ultra high frequency
- Hardened area in only at cutting edge around each tooth, softer core avoids tooth rippage
- 2 sharp cutting edges on each tooth which cut wood fiber faster and cleaner
- 7 teeth per inch



 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

300mm Hacksaw Frame

Cat. No.	Size	Overall Length				
GL93401SM	12 in	300 mm	6	36	22 kg	●

- Robust metal frame
- 4-1/2" throat depth
- 120 Kgs of blade tension
- Soft grip handle protects knuckles
- Includes 300mm blade



 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

Heavy Duty Quick Change 300mm Hacksaw Frame

Cat. No.	Size	Overall Length				
GL93402SM	12 in	300 mm	6	24	20	●

- Quick blade release mechanism
- Heavy duty construction
- 4-1/2" throat depth
- 180 Kgs of blade tension
- Can be used as a jab saw
- Soft grip handle protects knuckles
- Includes 300mm bi-metal blade



 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

Bi-metal Hacksaw Blade

Cat. No.	Size				
GL93407	12 in	100	1000	20.3 kg	●



- Ideal for cutting tough and hardly divisible steel, non-ferrous metals and plastics
- Combination of two materials guarantees extreme blade elasticity and high cutting performance
- 24 teeth

 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

Aluminum Box Level

Cat. No.	Size				
GL91601SM	30 cm	10	60	11 kg	●
GL91602SM	45 cm	10	60	15 kg	●
GL91603SM	60 cm	10	60	19 kg	●
GL91604SM	75 cm	6	30	23 kg	●
GL91605SM	90 cm	6	30	27 kg	●
GL91606SM	120 cm	6	30	31 kg	●

- 0.5mm/m accuracy
- Built from one piece of aluminum for strength and durability
- Best frame strength-to-weight ratio
- Helps with fast and accurate installations
- Two shock absorbent end caps protect frame
- Ruler with scale for easy measurement



Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

Aluminum Magnetic Box Level

Cat. No.	Size				
GL91611SM	30 cm	10	30	7 kg	●
GL91612SM	45 cm	10	30	11 kg	●
GL91613SM	60 cm	10	30	15 kg	●
GL91614SM	75 cm	10	60	32 kg	●
GL91615SM	90 cm	6	24	32 kg	●

- Magnetic, easy to operate
- 0.5mm/m accuracy
- Built from one piece of aluminum for strength and durability
- Best frame strength-to-weight ratio
- Helps with fast and accurate installations
- Two shock absorbent end caps protect frame
- Ruler with scale for easy measurement



Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

Bi-Metal Hole Saw

Cat. No.	Size				
GL53301	16 mm	10	200	8 kg	○
GL53302	19 mm	10	200	9 kg	○
GL53303	20 mm	10	200	10 kg	○
GL53304	22 mm	10	200	11 kg	○
GL53305	25 mm	10	200	12 kg	○
GL53306	30 mm	10	200	16 kg	○
GL53307	32 mm	10	200	11 kg	○
GL53308	35 mm	10	200	12 kg	○
GL53309	38 mm	10	200	14 kg	○
GL53310	44 mm	6	108	13 kg	○
GL53311	51 mm	6	108	16 kg	○
GL53312	57 mm	6	72	13 kg	○
GL53313	60 mm	6	72	13 kg	○
GL53314	64 mm	6	72	16 kg	○



- Designed to cut wood, copper, aluminum, metal and stainless steel
- Teeth are constructed from High Speed Steel (HSS) with hardness HRC65-68 for faster cutting and longevity
- Body is constructed from tough alloy sheet that offers superior durability and safety
- Unique teeth shape design for higher cutting efficiency



Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

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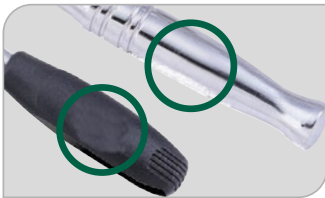
Lifetime Warranty

All SATA Products (unless otherwise stated) are fully warranted against manufacturing default including faulty materials and workmanship, subjected to being used for its intended purpose and allowing for fair wear and tear.

Defective tools will be repaired and/or replaced at SATA's discretion free of Charge. They should be held by buyers or returned for inspection to the factory upon request.

This lifetime warranty does not extend to products that have been improperly used, altered, abused or repaired by others. Rustiness after usage, electroplate desquamation, surface scraped or plastic handle damage are not within warranty range. Damage in the packaging is also out of warranty range.

Warranty Information



The obvious dent or electroplate desquamation indicates that a pipe wrench or hammer (or other form of "cheater") has been abused on this ratchet. Please use a larger size of ratchet to increase the leverage of any wrench.



The obvious slippage on socket end or crack on socket wall indicates that this impact tools has been used on this socket. When you are working with impact tools, please choose impact sockets with black coat.



The breach of handle, blade chip-off and bent shanks are the results of using screwdriver as a pry bar, punch or chisel.



Distort or breach on the wrench is also result of using the wrench as a pry bar. Please use the right pry bar for prying.

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DRILCO

Avenida de Somosierra, 22E - 6 y 7
E-28703 S.S. de los Reyes (Madrid)
Tel. +34 916 591 900 · www.drilco.net

Authorized Distributor

Apex Tool Group B.V.
Phileas Foggstraat 16
7821 AK Emmen
The Netherlands
T. +31(0) 591 667 504
www.apextoolgroup.eu

