



*Blue-Point*<sup>®</sup>

QUALITY • PERFORMANCE • VALUE



2021

## Our Milestones

Since its establishment in 1925 in Wisconsin, United States, the Blue-Point Tool Company has come a long way from when it first started out with a vision to create the best wrench in the world. Today, it is known simply as Blue-Point – and for hand tools that offer customers unparalleled Quality, Performance and Value. With a focus on the automotive industry, Blue-Point provides customers with a wide range of tools to suit their diverse needs. The company is also constantly on the lookout for ways to serve their customers better, and its innovative Blue-Point truck serves as a shining example of that.



**2015**  
Significant expansion of new product range.

**1945**  
Forged Steel Products Company merged with Snap-on Tools, Inc.

**1940**  
Superior tools from Snap-on Tools, Inc. make headlines in the industry.

**1930**  
Snap-on Wrench Company and Blue-Point Tool Company merged to become Snap-on Tools, Inc.

**1927**  
First to introduce double-box wrenches.

**1925**  
Blue-Point Tool Company was formed.



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- Steering & Brakes
- Engines
- Cleaning

# MASTER TOOL SETS

Mobility, Portability & Organization



*Blue-Point*<sup>®</sup>



## 3/8" Drive Socket Set Mobility, Portability & Organization



### Double Open End Wrench Set

BPS1A

Packing: 1

CONTENTS		Set in modular foam kit
Double Open End Wrenches	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 30x32 mm	



### 45° Double Ring Wrench Set

BPS2A

Packing: 1

CONTENTS		Set in modular foam kit
45° Double Ring Wrenches	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27 mm	



### 75° Double Ring Wrench Set

BPS3A

Packing: 1

CONTENTS		Set in modular foam kit
75° Double Ring Wrenches	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27 mm	



### Combination Wrench Set

BPS4PA

Packing: 1

CONTENTS		Set in modular foam kit
Combination Wrenches	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm	



### Ratcheting Combination Wrench Set

BPS5A

Packing: 1

CONTENTS		Set in modular foam kit
Ratcheting Combination Wrenches	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm	



## Adjustable Wrench Set

BPS6B

Packing: 1

CONTENTS		Set in modular foam kit
Adjustable Wrenches	8", 10"	
Curved Jaw Locking Plier	7"	
Straight Jaw Locking Plier	7"	



\*\*BPS6A - for China & India only

## Standard Pliers Set

BPS7A

Packing: 1

CONTENTS		Set in modular foam kit
Needle Nose Plier	6"	
Diagonal Cutting Plier	6"	
Combination Plier	8"	
Slip Joint Plier	8"	



## Circlip Pliers Set

BPS8A

Packing: 1

CONTENTS		Set in modular foam kit
External Circlip Plier, Straight	7"	
External Circlip Plier, 90°	7"	
Internal Circlip Plier, Straight	7"	
Internal Circlip Plier, 90°	7"	



## Screwdrivers Set

BPS9A

Packing: 1

CONTENTS		Set in modular foam kit
M Series Flat Tip	3.2x75, 5x100, 6x38, 6x150 mm	
M Series Phillips® Tip	0x75, 1x75, 2x38, 2x100, 3x150 mm	





## 1/4" Drive Socket Set

BPS10A

Packing: 1

CONTENTS	Set in modular foam kit
Sockets	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
Long Sockets	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
Hex Socket Drivers	3, 4, 5, 6, 7, 8 mm
Flat Socket Drivers	4, 5.5, 6.5 mm
Phillips® Socket Drivers	#1, #2, #3
Pozidriv® Socket Drivers	#1, #2, #3
Torx® Socket Drivers	T8, T10, T15, T20, T25, T27, T30, T40
Quick Release Ratchet	1 pc.
Spinner Handle	1 pc.
Extension	2", 4"
Sliding T-handle	4.5"
Universal Joint	1 pc.
Flexible Extension	6"
Hex Bit Holder	1/4" Hex
Adaptor	1/4" * 3/8"



## 3/8" Drive Socket Set

BPS11A

Packing: 1

CONTENTS	Set in modular foam kit
Sockets	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 mm
Long Sockets	10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
Quick Release Ratchet	1 pc.
Spark Plug Sockets	16, 21 mm
Sliding T-handle	6"
Adaptor	3/8" * 1/4"
Universal Joint	1 pc.
Locking Extension	3"



## 1/2" Drive Socket Set

BPS12A

Packing: 1

CONTENTS	Set in modular foam kit
Sockets	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32, 34 mm
Long Sockets	10, 13, 17, 19, 22 mm
Quick Release Ratchet	1 pc.
Sliding T-handle	10"
Universal Joint	1 pc.
Locking Extension	6"



## Impact Socket Set

BPS13A

Packing: 1

CONTENTS	Set in modular foam kit
1/2" Impact Sockets	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32 mm
3/8" Impact Sockets	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
Impact Extensions	3/8" Drive x 3", 1/2" Drive x 5"
Drive Adaptors	3/8"M * 1/4"F
Impact Adaptors	3/8"M * 1/2"F, 1/2"M * 3/8"F, 1/2"M * 3/4"F
Universal Joints	1/2" Drive



## L-Shape Wrench Set

BPS14A

Packing: 1

CONTENTS	Set in modular foam kit
Ball Hex Keys Set	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm
L-Shape Torx Wrench Set	T10, T15, T20, T25, T27, T30, T40, T45, T50
L-Shape Hex Keys	12, 14, 17, 19 mm



## Single Direction Combination Wrench Set

BPS15A

Packing: 1

CONTENTS	Set in modular foam kit
Ratchet Combination Wrenches	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm



## L-Shape Long Torx Wrench Set

BPS16A

Packing: 1

CONTENTS	Set in modular foam kit
Folding Hex Key Set	1.5, 2, 2.5, 3, 4, 5, 6, 8 mm
Extra Long Arm Torx Key Set	T10, T15, T20, T25, T27, T30, T40, T45, T50
Extra Long Ball End Hex Key Set	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm



## File Set

BPS17A

Packing: 1

CONTENTS	Set in modular foam kit
Half Round Second Files	6", 8"
Round Second Files	6", 8"
Flat Second Files	6", 8"



### Pliers Set

BPS18A

Packing: 1

CONTENTS		Set in modular foam kit
Plastic Cutter	6"	
Combination Plier	6"	
Diagonal Plier	6"	
Long Nose Plier	6"	



### Large Combination Wrench Set

BPS19A

Packing: 1

CONTENTS		Set in modular foam kit
Combination Wrenches	20, 21, 22, 23, 24 mm	



### Adjustable Wrench & Pliers Set

BPS20A

Packing: 1

CONTENTS		Set in modular foam kit
Long Nose Plier	6"	
Combination Plier	8"	
Adjustable Wrenches	8", 12"	



### Hammers & Striking Tools Set

BPS21A

Packing: 1

CONTENTS		Set in modular foam kit
Punch & Chisel Set	5 pcs	
Ball Peen Hammer	8 oz	
Soft Face Hammer	300 mm	



### Torx® M Series Screwdriver Set

BPS22A

Packing: 1

CONTENTS		Set in modular foam kit
Torx® M Series Screwdriver, 75mm	TX6, TX7, TX8, TX9	
Torx® M Series Screwdriver, 100mm	TX10, TX15, TX20, TX25	



## VDE Screwdriver Set

BPS23A

Packing: 1

CONTENTS		Set in modular foam kit
VDE Phillips® Screwdrivers	0×60, 1×80, 2×100, 3×150	
VDE Slotted Screwdrivers	2.5×75, 4×100, 5.5×125, 6.5×150	



## VDE Pliers Set

BPS24A

Packing: 1

CONTENTS		Set in modular foam kit
VDE Nose Plier	6"	
VDE Diagonal Plier	6"	
VDE Stripping Plier	6"	
VDE Combination Plier	7"	
VDE Adjustable Joint Plier	10"	



## Double Ring, Single Direction, Ratcheting Wrench

BPS25B

Packing: 1

CONTENTS		Set in modular foam kit
Ratcheting Wrenches, Double Ring	6×7, 8×9, 10×11, 12×13, 14×15, 17×19 18×20, 21×22, 23×24mm	



## Pass-Through Screwdriver Set

BPS26A

Packing: 1

CONTENTS		Set in modular foam kit
Pass-Through Screwdrivers, Phillips®	PH2x100, PH2x150, PH3x150, PH3x200	
Pass-Through Screwdrivers, Slotted	SL6x100, SL6x150, SL8x150	



## Precision Screwdriver Set

BPS27A

Packing: 1

CONTENTS		Set in modular foam kit
Precision Screwdrivers, Phillips®	PH0, PH00, PH000	
Precision Screwdrivers, Torx®	T6, T8	
Precision Screwdrivers, Slotted	SL1.4, SL2, SL2.4, SL3	





### Flare Nut Wrenches Set

BPS28A

Packing: 1

CONTENTS		Set in modular foam kit
Flare Nut Wrenches Set	8x10, 9x11, 13x14, 15x17, 17x19mm	



### Combination Flex Socket Wrench Set

BPS29A

Packing: 1

CONTENTS		Set in modular foam kit
Combination Flex Socket Wrenches	10, 13, 14, 17, 19mm	



### Double Flex Socket Wrench Set

BPS30A

Packing: 1

CONTENTS		Set in modular foam kit
Double Flex Socket Wrench Set	6x7, 8x9, 10x11, 16x17, 18x19mm	



### Flex Flare Nut Wrench Set

BPS31A

Packing: 1

CONTENTS		Set in modular foam kit
Flex Flare Nut Wrench Set	10x11, 12x13, 14x17, 19x22mm	



## 1/4", 3/8" & 1/2" Drive Automotive Tool Set, 150pcs

BLPATSCM150

Packing: 1

CONTENTS		Set in storage case
<b>1/4" DRIVE:</b>		
Standard Sockets	11 pcs.	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
Long Sockets	9 pcs.	4, 5, 6, 7, 8, 9, 10, 11, 12 mm
Quick Release Ratchet	1 pc.	
Extension Bar	1 pc.	4"
Spinner Handle	1 pc.	
Universal Joint	1 pc.	
Bit Holder	1 pc.	
Tamper Resistant Torx® Socket Drivers	6 pcs.	T10, T15, T20, T25, T27, T30
Torx® Socket Drivers	7 pcs.	T10, T15, T20, T25, T27, T30, T40
<b>3/8" DRIVE:</b>		
Standard Sockets	12 pcs.	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
Long Sockets	10 pcs.	8, 9, 10, 11, 12, 13, 14, 15, 17, 19 mm
External Torx® Sockets	8 pcs.	E8, E10, E11, E12, E14, E16, E18, E20
Spark Plug Sockets	2 pcs.	16, 21 mm
Quick Release Ratchet	1 pc.	
Universal Joint	1 pc.	
Adaptor	1 pc.	3/8" F * 1/2" M
Extension Bars	2 pcs.	3", 6"
Flat Socket Drivers	3 pcs.	5.5, 6.5, 8 mm
Phillips® Socket Drivers	2 pcs.	#1, #2
Hex Socket Drivers	4 pcs.	3, 4, 5, 6 mm
Torx® Socket Drivers	7 pcs.	T10, T15, T20, T25, T27, T30, T40
<b>1/2" DRIVE:</b>		
Standard Sockets	11 pcs.	14, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32 mm
Long Sockets	9 pcs.	12, 13, 14, 15, 17, 18, 19, 21, 22 mm
Impact Sockets	4 pcs.	17, 19, 21, 23 mm
Extension Bars	2 pcs.	5", 10"
Quick Release Ratchet	1 pc.	
Universal Joint	1 pc.	
3-Way Adaptor	1 pc.	3/8" F * 1/2" M
<b>TOOLS:</b>		
M Series Screwdrivers	2 pcs.	Phillips® #2×38mm, Slotted #6×38mm
Pass-Through Screwdrivers	2 pcs.	Phillips® #2×100mm, Slotted #6×100mm
Double Ring Ratcheting Wrenches	3 pcs.	8×10, 12×14, 17×19 mm
Combination Wrenches	12 pcs.	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
L-Shape Hex Keys Wrench Set	1 set	
Long Nose Plier	1 pc.	6"
Slip Joint Plier	1 pc.	8"



## 1/4", 3/8" & 1/2" Drive Socket & Tool Set, 128pcs

BLPATSCM128

Packing: 1

CONTENTS	Set in storage case
<b>1/4" DRIVE:</b>	
Standard Sockets 6-Point	10 pcs. 4 to 13 mm
Deep Sockets 6-Point	10 pcs. 4 to 13 mm
Flat Socket Drivers	3 pcs. 4, 5.5, 6.5 mm
Hex Socket Drivers	6 pcs. 3, 4, 5, 6, 7, 8 mm
Phillips® Socket Drivers	4 pcs. #0, #1, #2, #3
Tamper Resistant Torx® Socket Drivers	7 pcs. T10, T15, T20, T25, T27, T30, T40
Pozidriv® Socket Drivers	4 pcs. #0, #1, #2, #3
Quick Release Ratchet Handle	1 pc.
Spinner Handle	1 pc. 6"
Extension Bars	2 pcs. 38, 75 mm
Universal Joint	1 pc.
Flexible Handle	1 pc. 6"
Bit Adaptor	1 pc. 1/4"F * 1/4"H
Hex Bit Sockets	5 pcs. 1/8", 5/32", 3/16", 7/32", 1/4"
Flat Bit Sockets	4 pcs. 7/32", 3/16", 1/4", 9/32"
Torx® Bit Sockets	8 pcs. T8, T10, T15, T20, T25, T27, T30, T40
Bit Adaptor	1 pc.
<b>3/8" DRIVE:</b>	
Standard Sockets 6-Point	10 pcs. 10 to 19 mm
Deep Sockets 12-Point	10 pcs. 10 to 19 mm
Quick Release Ratchet Handle	1 pc.
Extension Bars	3 pcs. 75, 150, 250 mm
Flexible Handle	1 pc. 10"
Universal Joint	1 pc.
Spark Plug Sockets 6-Point	2 pcs. 16, 21 mm
Adaptor	1 pc. 3/8"F * 1/4"M
Sliding Bar	1 pc. 8"
<b>1/2" DRIVE:</b>	
Standard Sockets 6-Point	6 pcs. 20, 21, 22, 24, 27, 32 mm
Impact Sockets 6-Point	8 pcs. 14, 15, 16, 17, 18, 19, 21, 22 mm
Quick Release Ratchet Handle	1 pc.
Extension Bar	1 pc. 125 mm
Coupler	1 pc. 1/4"F * 1/4"H
<b>TOOLS:</b>	
Ratcheting Wrenches	4 pcs. 13, 14, 15, 17 mm
Hex Key Set	9 pcs. 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm



## 1/4", 3/8" & 1/2" Drive Automotive Tool Set, 120pcs

BLPATSCM120

Packing: 1

CONTENTS	Set in storage case
<b>1/4" DRIVE:</b>	
Standard Sockets	10 pcs. 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 mm
Deep Sockets	4 pcs. 8, 9, 10, 12 mm
Ratchet	1 pc.
Spinner Handle	1 pc.
Extension Bar	1 pc. 3"
Coupler	1 pc. 1/4" F * 1/4" H
Universal Joint	1 pc.
Hex Bit Sockets	6 pcs. 3, 4, 5, 6, 7, 8 mm
Flat Bit Sockets	3 pcs. 4, 5.5, 6.5 mm
Phillips® Bit Sockets	3 pcs. #1, #2, #3
Pozidriv® Bit Sockets	2 pcs. #1, #2
Torx® Bit Sockets	7 pcs. TT10, TT15, TT20, TT25, TT27, TT30, TT40
<b>3/8" DRIVE:</b>	
Standard Sockets	10 pcs. 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
Deep Sockets 12-Point	4 pcs. 13, 14, 15, 17 mm
External Torx® Sockets	8 pcs. E8, E10, E11, E12, E14, E16, E18, E20
Ratchet	1 pc.
Extension Bars	2 pcs. 3", 6"
Spark Plug Sockets	2 pcs. 16, 21 mm
Universal Joint	1 pc.
Adaptor	1 pc. 3/8"F * 1/4"M
Sliding Handle	1 pc. 8"
<b>1/2" DRIVE:</b>	
Standard Sockets 6-Point	6 pcs. 20, 21, 22, 24, 27, 32 mm
Impact Sockets	4 pcs. 17, 19, 21, 23 mm
Ratchet	1 pc.
Extension Bars	2 pcs. 5", 10"
Universal Joint	1 pc.
Adaptor	1 pc. 1/2"F * 3/8"M
<b>TOOLS:</b>	
Adjustable 3-Claw Oil Wrench	1 pc.
Test Pen	1 pc.
Hex Key 9pcs Set	1 set
Bit Set	20 pcs.
Combination Wrenches	11 pcs. 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19 mm
Socket for Air Cylinder	1 pc. T52





## 1/4", 3/8" & 1/2" Drive Socket & Wrench Set, 100pcs

BLPATSCM100

Packing: 1

CONTENTS	Set in storage case
<b>1/4" DRIVE:</b>	
Standard Sockets	10 pcs. 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 mm
Deep Sockets	10 pcs. 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 mm
Quick Release Ratchet Handle	1 pc.
Spinner Handle	1 pc.
Extension Bars	2 pcs. 1-1/2", 3"
Universal Joint	1 pc.
Flexible Handle	1 pc. 6"
Hex Bit Sockets	6 pcs. 3, 4, 5, 6, 7, 8 mm
Flat Bit Sockets	3 pcs. 4, 5.5, 6.5 mm
Phillips® Bit Sockets	4 pcs. #0, #1, #2, #3
Pozidriv® Bit Sockets	4 pcs. #0, #1, #2, #3
Tamper Torx® Bit Sockets	7 pcs. TT10, TT15, TT20, TT25, TT27, TT30, TT40
<b>3/8" DRIVE:</b>	
Standard Sockets 6-Point	10 pcs. 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
Deep Sockets 12-Point	10 pcs. 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
Quick Release Ratchet	1 pc.
Spark Plug Sockets	2 pcs. 16, 21 mm
Extension Bars	3 pcs. 3", 6", 10"
Universal Joint	1 pc.
Flexible Handle	1 pc. 10"
Adaptor	1 pc. 3/8" F * 1/4" M
Sliding T-Handle	1 pc. 8"
<b>1/2" DRIVE:</b>	
Standard Sockets 12-Point	6 pcs. 20, 21, 22, 24, 27, 32 mm
Impact Sockets 6-Point	8 pcs. 14, 15, 16, 17, 18, 19, 21, 22 mm
Ratchet Handle	1 pc.
Extension Bar	1 pc. 5"
<b>WRENCH:</b>	
Ratcheting Wrenches	4 pcs. 13, 14, 15, 17 mm



## 1/4", 3/8" & 1/2" Drive Torx® Bit Socket Set, 43pcs

BLPTSSC43

Packing: 1

CONTENTS		Set in storage case
<b>1/4" DRIVE:</b>		
External Torx® Sockets	5 pcs.	E4, E5, E6, E7, E8
Tamper Resistant Torx® Socket Drivers	10 pcs.	T6 to T10, T15, T20, T25, T27, T30
Tamper Resistant Long Torx® Socket Drivers	10 pcs.	T6 to T10, T15, T20, T25, T27, T30
<b>3/8" DRIVE:</b>		
External Torx® Sockets	4 pcs.	E10, E12, E14, E16
Tamper Resistant Torx® Socket Drivers	3 pcs.	T40, T45, T50
Tamper Resistant Long Torx® Socket Drivers	3 pcs.	T40, T45, T50
<b>1/2" DRIVE:</b>		
External Torx® Sockets	4 pcs.	E18, E20, E22, E34
Tamper Resistant Torx® Socket Drivers	2 pcs.	T55, T60
Tamper Resistant Long Torx® Socket Drivers	2 pcs.	T55, T60



## 1/4" & 3/8" Drive Socket Set, 155pcs

BLPGSSC155

Packing: 1

CONTENTS		Set in storage case
<b>1/4" DRIVE:</b>		
Standard Sockets	10 pcs. Fractional, 3/16" to 9/16" 13 pcs. Metric, 4 to 14 mm	
Deep Sockets	10 pcs. Fractional, 3/16" to 9/16" 11 pcs. Metric, 4 to 14 mm	
1/4" Hex Bits With Bit Holders	20 pcs. Assorted	
Ratchet / Socket Accessories	5 pcs.	
Quick Release Ratchet	1 pc.	
<b>3/8" DRIVE:</b>		
Standard Sockets	13 pcs. Fractional, 1/4" to 1" 19 pcs. Metric, 6 to 24 mm	
Deep Sockets	11 pcs. Fractional, 3/8" to 1" 15 pcs. Metric, 10 to 24 mm	
External Torx® Sockets	11 pcs. E4 to E20	
Spark Plug Sockets	2 pcs. 5/8", 13/16"	
Hex Socket Drivers	3 pcs. Metric, 7, 8, 10 mm	
Tamper Resistant Torx® Socket Drivers	4 pcs. T40, T45, T50, T55	
Ratchet / Socket Accessories	6 pcs.	
Quick Release Ratchet	1 pc.	
Spinner Handle	1 pc.	



## 1/4" & 1/2" Drive Socket & Tool Set, 78pcs

BLPGSSCM78

Packing: 1

CONTENTS		Set in storage case
<b>1/4" DRIVE:</b>		
Standard Sockets	12 pcs.	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
Quick Release Ratchet	1 pc.	
Spinner Handle	1 pc.	
Extension Bar	1 pc.	4"
Coupler	1 pc.	1/4"F * 1/4"H
<b>1/2" DRIVE:</b>		
Standard Sockets	21 pcs.	8 to 24, 27, 30, 32, 34 mm
Quick Release Ratchet	1 pc.	
Spark Plug Sockets	2 pcs.	16, 21 mm
Extension Bars	3 pcs.	3", 6", 10"
3-way Adaptor	1 pc.	3/8"F * 1/2"M
<b>TOOLS:</b>		
Hex Bit Sockets	4 pcs.	3, 4, 5, 6 mm
Phillips® Bit Sockets	4 pcs.	#0, #1, #2, #3
Square Bit Sockets	2 pcs.	S1, S2
Flat Bit Sockets	3 pcs.	4, 5, 5.5 mm
Torx® Bit Sockets	7 pcs.	T8, T10, T15, T20, T25, T27, T30
Combination Wrenches	10 pcs.	10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
Side Cutter	1 pc.	7"
Long Nose Plier	1 pc.	6"
Slip Joint Plier	1 pc.	10"
Adjustable Wrench	1 pc.	8"



## 1/4" & 1/2" Drive Socket & Tool Set



**1 Clean Layout**  
Divider with individual tool illustrations



**2 Specific Size**  
Indicated on tool case for each tool



**3 Maximum Comfort**  
Rubberized handle with no gaps for comfort



**5 Tough Molded Case**



**4 Secure Lock**  
Prevents opening when dropped

## 1/4" Drive Automotive Tool Set, 38pcs

BLPATSCM38

Packing: 1

CONTENTS		Set in storage case
<b>1/4" DRIVE:</b>		
Standard Sockets	14 pcs.	3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
Extension Bars	2 pcs.	2", 4"
Quick Release Ratchet	1 pc.	
Spinner Handle	1 pc.	
Universal Joint	1 pc.	
Sliding T-Handle	1 pc.	
Torx® Socket Drivers	6 pcs.	T10, T15, T20, T25, T30, T40
Hex Socket Drivers	5 pcs.	3, 4, 5, 6, 8 mm
Phillips® Socket Drivers	2 pcs.	#1, #2
Pozidrive® Socket Drivers	2 pcs.	PZ1, PZ2
Flat Tip Socket Drivers	3 pcs.	4, 5.5, 6.5 mm



## 1/4" Drive Socket Set, 29pcs

BLPATSM1429

Packing: 1

CONTENTS		Set in storage case
<b>1/4" DRIVE:</b>		
Standard Sockets 6-Point.	13 pcs.	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
Deep Sockets 6-Point.	11 pcs.	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
Quick Release Ratchet	1 pc.	
Spinner Handle	1 pc.	
Extension Bars	2 pcs.	3", 6"
Universal Joint	1 pc.	



## 1/4" Drive Socket Set, 62pcs

BLPGSS1462

Packing: 1

CONTENTS		Set in storage case
<b>1/4" DRIVE:</b>		
Standard Sockets	11 pcs. Fractional, 3/16" to 5/8" 11 pcs. Metric, 4 to 14 mm	
Deep Sockets	11 pcs. Fractional, 3/16" to 5/8" 11 pcs. Metric, 4 to 14 mm	
Bit Holder	1 pc.	
Hex Bits	4 pcs. 9/64", 3/16", 7/32", 1/4"	
Flat Tip Bits	3 pcs. 5/32", 3/16", 1/4"	
Phillips® Bits	2 pcs. #1, #2	
Ratchet / Socket Accessories	7 pcs.	
Ratchet	1 pc.	



## 1/4" Drive Socket Set, 51pcs

BLPGSS1451A

Packing: 1

CONTENTS		Set in storage case
<b>1/4" DRIVE:</b>		
Standard Sockets	10 pcs. Fractional, 3/16" to 9/16" 13 pcs. Metric, 4 to 14 mm	
Sockets 8-Point	3 pcs. Fractional, 1/4", 5/16", 3/8"	
Torx® Socket Drivers	6 pcs. T8 to T27	
Hex Socket Drivers	6 pcs. Fractional, 1/8" to 5/16"	
Flat Tip Socket Drivers	3 pcs. 5/32", 7/32", 9/32"	
Phillips® Socket Drivers	3 pcs. #0, #1, #2	
Ratchet / Socket Accessories	6 pcs.	
Ratchet	1 pc.	



## 1/4" Drive Socket Set, 46pcs

BLP1446SI

Packing: 1

CONTENTS		Set in storage case
<b>1/4" DRIVE:</b>		
Sockets 6-Point	13 pcs. 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm	
Bit Sockets	3 pcs. 4, 5.5, 7 mm	
Hex Bit Sockets	6 pcs. 3, 4, 5, 6, 7, 8 mm	
Hex Torx® Bit Sockets	7 pcs. T8, T10, T15, T20, T25, T30, T40	
Phillips® Bits	3 pcs. #1, #2, #3	
Pozidriv® Sockets	3 pcs. PZ1, PZ2, PZ3	
Ratchet Handle	1 pc.	
Extension Bars	2 pcs. 2", 4"	
Flexible Extension	1 pc. 150 mm	
Sliding T-Handle	1 pc.	
Universal Joint	1 pc.	
Spinner	1 pc.	
Hex Keys	4 pcs. 1.27, 1.5, 2, 2.5 mm	



### 1/4" Drive Socket Set, 27pcs

BLPGSS1427

Packing: 1

- Good for automotive and home use
- Range of deep and shallow sockets for common fastener applications
- Ratchet and Handle Driver both available for a variety of jobs

CONTENTS		Set in storage case
<b>1/4" DRIVE:</b>		
Shallow Sockets 6-Point	11 pcs.	Fractional, 3/16" to 5/8"
Deep Sockets 6-Point	11 pcs.	Fractional, 3/16" to 9/16"
Socket Adaptors / Extensions	3 pcs.	
Quick Release Ratchet	1 pc.	
Spinner Handle	1 pc.	



### 1/4" Drive SAE Socket Set, 22pcs

BLPGSS1422

Packing: 1

CONTENTS		Set in storage case
<b>1/4" DRIVE:</b>		
Standard Sockets 6-Point	11 pcs.	3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8"
Deep Sockets 6-Point	11 pcs.	3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8"



### 1/4" Drive Stubby Bit Socket Set, 40pcs

BLPBSS40

Packing: 1

CONTENTS		Set in storage case
<b>1/4" DRIVE:</b>		
Hex Drivers	10 pcs.	Fractional 5/64", 3/32", 7/64", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"
	10 pcs.	Metric 2, 2.5, 3, 4, 5, 6, 7, 8, 9, 10 mm
Torx® Tamper Proof Drivers	10 pcs.	TP8, TP10, TP15, TP20, TP25, TP27, TP30, TP40, TP45, TP50
XZN Triple Square Drivers	6 pcs.	XZN4, XZN5, XZN6, XZN8, XZN10, XZN12
Phillips® Drivers	2 pcs.	#1, #2
Flat Tip Drivers	2 pcs.	1/4", 3/8"



## 3/8" Drive Socket Set, 77pcs

BLPATSM3877

Packing: 1

CONTENTS	Set in storage case
<b>3/8" DRIVE:</b>	
Standard Sockets 6-Point	19 pcs. 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 mm
Deep Sockets 12-Point	19 pcs. 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 mm
External Torx® Sockets	11 pcs. E4, E5, E6, E7, E8, E10, E12, E14, E16, E18, E20
Hex Bit Sockets	4 pcs. 6, 7, 8, 10 mm
Phillips® Bit Sockets	2 pcs. #3, #4
Pozidrive® Bit Sockets	2 pcs. #3, #4
Tamper Torx® Bit Sockets	8 pcs. TT10, TT15, TT20, TT25, TT27, TT30, TT40, TT45
Quick Release Ratchet	1pc.
Extension Bars	3 pcs. 3", 6", 10"
Spark Plug Sockets	2 pcs. 16, 21 mm
Universal Joint	1 pc.
Flexible Handle	1 pc. 10"
Adaptors	2 pcs. 3/8"F * 1/2"M, 3/8"F * 1/4"M
Spinner Handle	1 pc.
Sliding T-handle	1 pc. 8"



## 3/8" Drive Automotive Tool Set, 58pcs

BLPATSCM58

Packing: 1

CONTENTS	Set in storage case
<b>3/8" DRIVE:</b>	
Sockets	14 pcs. 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
Quick Release Ratchet	1 pc.
Universal Joint	1 pc.
<b>TOOLS:</b>	
Long Arm Hex Key Wrench Set	1 set
Combination Wrenches	10 pcs. 8, 10, 11, 12, 13, 14, 15, 16, 18, 19 mm
Ratcheting Combination Wrench	1 pc. 17 mm
Adjustable Wrench	1 pc. 8"
M Series Screwdrivers	3 pcs. Slotted, #6x38mm, #3.2x75mm, #5x10mm 4 pcs. Phillips®, #2x38mm, #0x75mm, #1x100mm, #2x150mm
Long Nose Plier	1 pc. 6"
Linesman Plier	1 pc. 8"
Snap Ring Plier Set	1 set
Measuring Tape	1 pc. 3 m
Blades Feeler Gauges, 20 pcs	1 pc. 0.02-1 mm
Stainless Steel Straight Ruler	1 pc. 150 mm
Fiberglass Ball Pein Hammer	1 pc. 16 oz
Pick Up Tool	1 pc. 380 mm
Utility Knife	1 pc. 18 mm
Compact Flashlight	1 pc.





### 3/8" Drive Socket Set, 24pcs

BLPATSM3824

Packing: 1

CONTENTS		Set in storage case
<b>3/8" DRIVE:</b>		
Standard Sockets 12-Point	10 pcs.	10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
Deep Sockets 12-Point	10 pcs.	10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
Quick Release Ratchet	1 pc.	
Extension Bar	1 pc.	3"
Spark Plug Sockets	2 pcs.	16, 21 mm



### 3/8" Drive Socket Set, 85pcs

BLPGSS3885

Packing: 1

CONTENTS		Set in storage case
<b>3/8" DRIVE:</b>		
Standard Sockets	13 pcs.	Fractional, 1/4" to 1"
	14 pcs.	Metric, 6 to 19 mm
Deep Sockets	13 pcs.	Fractional, 1/4" to 1"
	14 pcs.	Metric, 6 to 19 mm
External Torx® Sockets	11 pcs.	E4 to E20
Phillips® Socket Driver	1 pc.	#3
Pozidriv® Socket Drivers	2 pcs.	#3, #4
Tamper Resistant Torx® Socket Drivers	8 pcs.	T10 to T45
Spark Plug Sockets	2 pcs.	5/8", 13/16"
Ratchet / Socket Accessories	4 pcs.	
Ratchet	1 pc.	
Breaker Bar	1 pc.	
Spinner Handle	1 pc.	



## 3/8" Drive Socket Set, 49pcs

BLPGSS3849

Packing: 1

CONTENTS		Set in storage case
<b>3/8" DRIVE:</b>		
Standard Sockets 6-Point	8 pcs. Fractional, 5/16" to 3/4" 14 pcs. Metric, 6 to 19 mm	
Deep Sockets 12-Point	8 pcs. Fractional, 5/16" to 3/4" 13 pcs. Metric, 7 to 19 mm	
Extension Bars	2 pcs. 3", 6"	
Universal Joint	1 pc.	
Adaptor	1 pc. 3/8"F * 1/4"M	
Ratchet	1 pc.	



## 3/8" Drive Socket & Wrench Set, 37pcs

BLPGSS3837

Packing: 1

CONTENTS		Set in storage case
<b>3/8" DRIVE:</b>		
Standard Sockets 6-Point	8 pcs. Fractional, 5/16" to 3/4" 14 pcs. Metric, 6 to 19 mm	
Double Open End Wrenches	4 pcs. Fractional, 5/16"-3/8", 7/16"-1/2", 9/16"-5/8", 11/16"-3/4" 5 pcs. Metric, 10-11, 12-13, 14-15, 16-17, 18-19 mm	
Extension Bars	2 pcs. 3", 6"	
Ratchet	1 pc.	
Universal Joint	1 pc.	
Adaptors	2 pcs. 1/4"F * 3/8"M, 3/8"F * 1/4"M	



## 3/8" Pass Thru Socket Set, 22pcs

BLPPTSS3822

Packing: 1

CONTENTS		Set in storage case
<b>TOOLS:</b>		
Sockets	BLPPTS38 thru BLPPTS34 (3/8" to 3/4")	
Metric Sockets	BLPPTSM8 thru BLPPTSM19 (8 to 19 mm)	
Pass Thru Adaptor	BLPPTA3438	
Extension Bars	BLPPTXT3	
Ratchet	BPRFPT10	



### 3/8" Drive Impact Socket Set, 13pcs

BLPATSIMM3813

Packing: 1

- Catered to Complement 3/8" Impact Wrenches
- Automotive and Two-Wheelers Workshops
- Compact Set with Only Commonly Used Sizes
- Complements existing BLPATSIMM1215 (1/2")

CONTENTS		Set in storage case
<b>3/8" DRIVE:</b>		
Shallow Impact Sockets	13 pcs.	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm



### 1/2" Drive Socket Set, 32pcs

BLPATSM1232

Packing: 1

- For Automotive and General Fastener Tightening Jobs
- Improves on existing BLPATSM1225
- Includes smaller sizes 8, 9 & 23 mm sockets
- Additional range of 12-points sockets
- Universal Joint Added for more Applications

CONTENTS		Set in storage case
<b>1/2" DRIVE:</b>		
Sockets 6-Point	20 pcs.	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm
Sockets 12-Point	7 pcs.	8, 10, 12, 13, 14, 17, 19 mm
Ratchet	1 pc.	
Extension Bars	2 pcs.	5", 10"
Universal Joint	1 pc.	
Sliding Adaptor	1 pc.	1/2"F * 3/8"M



### 1/2" Drive Socket Set, 25pcs

BLP1225SI

Packing: 1

CONTENTS		Set in storage case
<b>1/2" DRIVE:</b>		
Sockets 6-Point	18 pcs.	8 to 22, 24, 27, 30, 32 mm
Spark Plug Sockets	2 pcs.	16, 21 mm
Ratchet Handle	1 pc.	
Extension Bars	2 pcs.	5", 10"
Sliding T-Handle	1 pc.	
Universal Joint	1 pc.	



## 1/2" Drive Socket Set, 25pcs

Packing: 1

CONTENTS		Set in storage case
<b>1/2" DRIVE:</b>		
Sockets 6-Point	19 pcs.	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32, 34, 36 mm
Quick Release Ratchet	1 pc.	
Extension Bars	2 pcs.	5", 10"
3-way Adaptor	1 pc.	3/8"F * 1/2"M
Spark Plug Sockets	2 pcs.	16, 21 mm



## 1/2" Drive Socket Set, 33pcs

BLPGSS1233

Packing: 1

CONTENTS		Set in storage case
<b>1/2" DRIVE:</b>		
Standard Sockets	15 pcs.	Fractional, 3/8" to 1 1/4"
	12 pcs.	Metric, 12 to 24 mm
Breaker Bar	1 pc.	
Universal Joint	1 pc.	
Quick Release Ratchet	1 pc.	
Extension Bars	3 pcs.	3", 6", 10"



## 1/2" Drive Impact Socket Set, 15pcs

BLPATSIMM1215

Packing: 1

CONTENTS		Set in storage case
<b>1/2" DRIVE:</b>		
Impact Sockets 6-Point	14 pcs.	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24 mm
Impact Extension Bar	1 pc.	5"



## Car Body Hammer Set, 7pcs

BPBHS7

Packing: 1

CONTENTS		Set in storage case
<b>TOOLS:</b>		
Bumping Hammer	1 pc.	
Pick and Finish Hammer	1 pc.	
Reverse Curve Hammer	1 pc.	
Curve Dolly	1 pc.	
Double End Dolly	1 pc.	
Shrinking Dolly	1 pc.	
Utility Dolly	1 pc.	



## Automotive Tool Set, 11pcs

BLPGH11

Packing: 1

CONTENTS		Set in storage case
<b>TOOLS:</b>		
Adjustable Wrench	1 pc. 8"	
M Series Screwdriver, Slotted	1 pc. #5x100 mm	
M Series Screwdriver, Phillips®	1 pc. #1x100 mm	
Testing Pen	1 pc. 110 - 250V AC	
Needle Nose Plier	1 pc. 6"	
Combination Plier	1 pc. 7"	
Measuring Tape	1 pc. 3 m	
Steel Curved Claw Hammer	1 pc. 8 oz	
Utility Knife	1 pc.	
Mini Hacksaw	1 pc.	
Compact Flashlight	1 pc.	



# TOOLS STORAGE

High Performance In Design & Quality That Lasts  
New Choice Of Colors Available Now!



*Blue-Point*<sup>®</sup>



## Roll Cab 8 Drawers



**1 Double-Walled Construction**  
For rigidity.



**2 High Performance Roller Bearing Railings**  
Railings withstanding 22.5kg per rail with roller bearings for smoother sliding of drawers.



**3 Self-Lock Tabs**  
Lock & Roll mechanism to prevent drawers from sliding open.



**4 Seamless Design**  
Cabinet doors edges are folded to form a seamless fit without gaps when closed; Cabinets walls reinforced with stiffeners to provide extra strength.



**5 Double Hemmed Edges**  
Drawer edges are hemmed to double thickness for extra stiffness.



**6 Heavy-Duty Construction**  
Reinforced base design to withstand higher overall load and reduce sagging.



**7 Mobility**  
Large 5" castor wheels are bolt fastened for better rolling and durability.



## 6 Drawers, Classic Roll Cab, 26"

Packing: 1

- 26" full double walled construction making for a stronger box which resists the constant pounding of weight and vibration
- Stiffeners are added between the walls to reduce stress on the box and keep the drawers from sagging
- Welded lock tabs on the back of each drawer
- Casters fastened to roll cab using weld nuts to prevent loosening
- Drawer edges are hemmed to double thickness for extra stiffness



PART NO.	COLORS	FINISH	DRAWERS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
KRB2006KPQP	Blue	Matt	6	660	503	965
KRB2006BLU	Blue	Gloss				
KRB2006KPQR	Red	Matt				
KRB2006RED	Red	Gloss				
KRB2006BLK	Black	Gloss				
KRB2006YEL	Yellow	Gloss				

	CUBIC (cm <sup>3</sup> )	NET WEIGHT (kg)	SHIPPING WEIGHT (kg)	
	156,791	75	95	
SPECIFICATIONS		WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
Drawers	5	544	445	91
	1	544	445	193



### 7 Drawers, Classic Roll Cab, 40"

Packing: 1

- 40" full length drawers for larger tools storage
- 45kg max load capacity per drawer, providing a total load of 600kg
- 5" ball bearing casters for durability and easy maneuvering
- Self locking latch keeps drawers in place for safety and security
- Drawer edges are hemmed to double thickness for extra stiffness
- Available in matt colors upon request



### 8 Drawers, Classic Roll Cab, 40"

Packing: 1

- 40" double bank roll cab, greater capacity
- Welded lock tabs on the back of each drawer
- Popular choice with side cabinet for your work center
- Full double walled construction making for a stronger box which resists the constant pounding of weight and vibration
- Stiffeners are added between the walls to reduce stress on the box and prevent the drawers from sagging



PART NO.	COLORS	FINISH	DRAWERS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
KRB4007KPCM	Blue	Gloss	7	1016	501	961
KRB4007KPC	Black	Gloss				
KRB4007KPES	Yellow	Gloss				
KRB4007K	Red	Gloss				
CUBIC (cm <sup>3</sup> )		NET WEIGHT (kg)		SHIPPING WEIGHT (kg)		
250,771		125		133		
SPECIFICATIONS			WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)	
Drawers	3	905	496	48		
	3	905	496	99		
	1	905	496	203		

PART NO.	COLORS	FINISH	DRAWERS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
KRB13008KPRB	Blue	Matt	8	1016	501	961
KRB13008BLU	Blue	Gloss				
KRB13008KPRR	Red	Matt				
KRB13008RED	Red	Gloss				
KRB13008BLK	Black	Gloss				
KRB13008YEL	Yellow	Gloss				
CUBIC (cm <sup>3</sup> )		NET WEIGHT (kg)		SHIPPING WEIGHT (kg)		
168,059		110		129		
SPECIFICATIONS			WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)	
Drawers	5	543	445	119		
	1	543	445	250		
	Cabinet Drawers	2	284	445	40	



## 5 Drawers, L-Series Roll Cab, 26"

Packing: 1

- High grade steel plate with PE Powder painting
- Fully-openable drawers can withstand up to 45 kg weight
- Bigger sized with greater capacity at 508 kg
- Tubular lock-stronger over molded key lock
- Ribs added for enhanced strength to prevent cabinet deformation



PART NO.	COLORS	FINISH	DRAWERS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
KRB13005KPRB	Blue	Matt	5	677	501	822
KRB13005BLU	Blue	Gloss				
KRB13005KPRR	Red	Matt				
KRB13005RED	Red	Gloss				
KRB13005BLK	Black	Gloss				
KRB13005YEL	Yellow	Gloss				

CUBIC (cm <sup>3</sup> )	NET WEIGHT (kg)	SHIPPING WEIGHT (kg)
159,387	61	68

SPECIFICATIONS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
Drawers	1	543	445
	2	543	445
	2	543	445

## 6 Drawers, L-Series Roll Cab, 26"

Packing: 1

- High grade steel plate with PE Powder painting
- Fully-openable drawers can withstand up to 45 kg weight
- Bigger sized with greater capacity at 508 kg
- Tubular lock-stronger over molded key lock
- Ribs added for enhanced strength to prevent cabinet deformation



PART NO.	COLORS	FINISH	DRAWERS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
KRB13006KPRB	Blue	Matt	6	677	501	822
KRB13006BLU	Blue	Gloss				
KRB13006KPRR	Red	Matt				
KRB13006RED	Red	Gloss				
KRB13006BLK	Black	Gloss				
KRB13006YEL	Yellow	Gloss				

CUBIC (cm <sup>3</sup> )	NET WEIGHT (kg)	SHIPPING WEIGHT (kg)
156,536	65	72

SPECIFICATIONS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
Drawers	3	543	445
	2	543	445
	1	543	445

### 7 Drawers, L-Series Roll Cab, 26"

Packing: 1

- High grade steel plate with PE Powder painting to avoid peel
- Fully-openable drawers can withstand up to 45 kg weight
- Bigger sized with greater capacity at 508 kg
- Tubular lock-stronger over molded key lock
- Ribs added for enhanced strength to prevent cabinet deformation



PART NO.	COLORS	FINISH	DRAWERS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
KRB13007KPRB	Blue	Matt	7	677	501	822
KRB13007BLU	Blue	Gloss				
KRB13007KPRR	Red	Matt				
KRB13007RED	Red	Gloss				
KRB13007BLK	Black	Gloss				
KRB13007YEL	Yellow	Gloss				
CUBIC (cm <sup>3</sup> )		NET WEIGHT (kg)				
153,695		68		75		
SPECIFICATIONS			WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)	
Drawers	5	543	445	54		
	1	543	445	119		
	1	543	445	250		



### 6 Drawers, Roll Cab with Bumper, 26"

Packing: 1

- Loading capacity up to 1000kg
- Composite drawer bumpers ensures protection against unexpected impact when drawer opens
- Safety sliders system that allows one drawer to be opened at a time
- User friendly cart PU handles for better grip
- Comes with 2 fixed and 2 swivel wheels
- High quality powder coating



PART NO.	COLORS	FINISH	DRAWERS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
KRB3006BLU	Blue	Gloss	6	692	510	950
KRB3006RED	Red	Gloss				
KRB3006BLK	Black	Gloss				
KRB3006YEL	Yellow	Gloss				
CUBIC (cm <sup>3</sup> )		NET WEIGHT (kg)		SHIPPING WEIGHT (kg)		
154,880		75		85		
SPECIFICATIONS			WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)	
Drawers	3	543	445	53		
	2	543	445	118		
	1	543	445	246		



**NEW!** **7 Drawers, Roll Cab with Bumper, 26"**

Packing: 1

- Loading capacity up to 1000kg
- Composite drawer bumpers ensures protection against unexpected impact when drawer opens
- Safety sliders system that allows one drawer to be opened at a time
- User friendly cart PU handles for better grip
- Comes with 2 fixed and 2 swivel wheels
- High quality powder coating



PART NO.	COLORS	FINISH	DRAWERS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
KRB3007BLU	Blue	Gloss	6	692	510	950
KRB3007RED	Red	Gloss				
KRB3007BLK	Black	Gloss				
KRB3007YEL	Yellow	Gloss				
CUBIC (cm <sup>3</sup> )		NET WEIGHT (kg)		SHIPPING WEIGHT (kg)		
151,988		80		90		
SPECIFICATIONS			WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)	
Drawers	5	543	445	53		
	1	543	445	118		
	1	543	445	246		

**NEW!** **8 Drawers, Heavy Duty Cabinet, 30"**

Packing: 1

- High grade steel plate with PE Powder painting to avoid peel
- Fully-openable drawers with loading capacity of 1000kg
- Adjustable slot separation systems
- Tubular lock-stronger over molded key lock
- Ribs added for enhanced strength to prevent cabinet deformation



PART NO.	COLORS	FINISH	DRAWERS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
BLP30HDC8DKPCM	Blue	Gloss	8	762	699	1118
BLP30HDC8DKPC	Black	Gloss				
BLP30HDC8DKPES	Yellow	Gloss				
BLP30HDC8DKK	Red	Gloss				
CUBIC (cm <sup>3</sup> )		NET WEIGHT (kg)		SHIPPING WEIGHT (kg)		
357,057		120		132		
SPECIFICATIONS			WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)	
Drawers	1	625	625	197		
	3	625	625	66		
	4	625	625	131		

## 4 Drawers, Classic Top Chest, 26"

Packing: 1

- 45kg max Load capacity per drawer, provides a total load 180kg
- Fits perfectly on the top of any Blue-Point 26" Roll Cabinets, providing users with additional tools storage solutions
- Drawer edges are hemmed to double thickness for extra stiffness



PART NO.	COLORS	FINISH	DRAWERS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
KRB2041PCM	Blue	Gloss	4	678	501	399
KRB2041PC	Black	Gloss				
KRB2041PES	Yellow	Gloss				
KRB2041K	Red	Gloss				

CUBIC (cm <sup>3</sup> )	NET WEIGHT (kg)	SHIPPING WEIGHT (kg)
63,204	30	180

SPECIFICATIONS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
Drawers	2	566	48
	2	566	99

## 4 Drawers, Classic Top Chest, 40"

Packing: 1

- 45kg max Load capacity per drawer, provides a total load 225kg
- Self locking latch keeps drawers in place for safety and security
- Perfect add-ons top for Blue-Point 40" Roll Cabinets
- Drawer edges are hemmed to double thickness for extra stiffness



PART NO.	COLORS	FINISH	DRAWERS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
KRB4041PCM	Blue	Gloss	4	1016	501	399
KRB4041PC	Black	Gloss				
KRB4041PES	Yellow	Gloss				
KRB4041K	Red	Gloss				

CUBIC (cm <sup>3</sup> )	NET WEIGHT (kg)	SHIPPING WEIGHT (kg)
100,993	58	62

SPECIFICATIONS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
Drawers	2	904	48
	2	904	99

## 4 Drawers, Classic Top Chest, 40"

Packing: 1

- 45kg max Load capacity per drawer, provides a total load 225kg
- Self locking latch keeps drawers in place for safety and security
- Perfect add-ons top for Blue-Point 40" Roll Cabinets



PART NO.	COLORS	FINISH	DRAWERS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
KRB4042PCM	Blue	Gloss	4	1016	501	497
KRB4042PC	Black	Gloss				
KRB4042PES	Yellow	Gloss				
KRB4042K	Red	Gloss				

CUBIC (cm <sup>3</sup> )	NET WEIGHT (kg)	SHIPPING WEIGHT (kg)
158,731	71	86

SPECIFICATIONS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
Drawers	2	904	48
	2	904	99
Top Compartment	-	1014	120

## 5 Drawers, Classic Top Chest, 26"

Packing: 1

- Can be placed on all Blue-Point roll cabinets as a top chest
- Side grooves for easy lifting
- Lockable top lid



PART NO.	COLORS	FINISH	DRAWERS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
KRB2055KPQP	Blue	Gloss	5	660	374	437
KRB2055KPQR	Red	Gloss				
KRB2055KPC	Black	Gloss				
KRB2055KPES	Yellow	Gloss				

CUBIC (cm <sup>3</sup> )	NET WEIGHT (kg)	SHIPPING WEIGHT (kg)
72,824	38	44

SPECIFICATIONS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
Drawers	4	566	47
	1	566	79



## 4 Drawers, L-Series Top Chest, 26"

Packing: 1

- 45kg max Load capacity per drawer, provides a total load 180kg
- Fits perfectly on the top of any Blue-Point 26" Roll Cabinets
- Drawer edges are hemmed to double thickness for extra stiffness



PART NO.	COLORS	FINISH	DRAWERS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
KRB13004PCM	Blue	Gloss	4	678	501	419
KRB13004PC	Black	Gloss				
KRB13004PES	Yellow	Gloss				
KRB13004K	Red	Gloss				
KRB13004KPRO	Orange	Gloss				
CUBIC (cm <sup>3</sup> )		NET WEIGHT (kg)		SHIPPING WEIGHT (kg)		
67,480		32		180		
SPECIFICATIONS			WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)	
Drawers			3	566	496	
			1	566	127	

## Breakdown Locker, 40"

Packing: 1

- Loading Capacity: 300kg
- High quality powder coating



PART NO.	COLORS	FINISH	DRAWERS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
BPKCABT40PCM	Blue	Gloss	-	1016	500	961
BPKCABT40K	Red	Gloss				
BPKCABT40PC	Black	Gloss				
BPKCABT40PES	Yellow	Gloss				
CUBIC (cm <sup>3</sup> )		NET WEIGHT (kg)		SHIPPING WEIGHT (kg)		
393,676		73		83		
SPECIFICATIONS			WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)	
Shelves			3	963	435	

## Side Cabinet

### KRB13003PCM

Packing: 1

- Easy fit to any Blue-Point roll cabinets
- Max load of 15 kg per drawer
- Corner gussets and double wall construction for stiffness and strength



PART NO.	COLORS	FINISH	DRAWERS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
KRB13003PCM	Blue	Gloss	-	419	503	821
CUBIC (cm <sup>3</sup> )		NET WEIGHT (kg)		SHIPPING WEIGHT (kg)		
138,080		30		44		
SPECIFICATIONS			WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)	
Shelves			2	383	496	

## Breakdown Locker, 46"

Packing: 1

- Loading Capacity: 400kg
- Door will full length locking bar
- Adjustable shelving systems



PART NO.	COLORS	FINISH	DRAWERS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
BLP46BDL4PCM	Blue	Gloss	-	1168	609	1827
BLP46BDL4PC	Black	Gloss				
BLP46BDL4PES	Yellow	Gloss				
BLP46BDL4K	Red	Gloss				
CUBIC (cm <sup>3</sup> )		NET WEIGHT (kg)		SHIPPING WEIGHT (kg)		
1,160,225		135		153		
SPECIFICATIONS			WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)	
Shelves			3	1168	609	

## Pry Bar Box Document Holder Roll Cab Slots & Dots Side Panel



### Magnetic Trays

Packing: 1

- Securely holds small parts and tools
- Magnetically attaches to any flat iron or steel surface
- Material: 430 Stainless Iron



MRB5B



MRB10B



MRB12B



MRB15B

PART NO.	DESCRIPTION	SIZES (mm)
MRB5B	Magnetic tray, Round	Round 152 diameter
MRB10B	Magnetic tray	250 x 140
MRB12B	Magnetic tray	355 x 140
MRB15B	Magnetic tray	290 x 265

### Magnetic Rail

Packing: 1

- Provides easy access and organization of sockets and wrenches
- Extruded aluminum, high strength and corrosion resistant rail body
- High impact plastic socket holders which resists oil and grease
- 8 magnets with protective foam covering hold rail in place



PART NO.	CLIP SIZE (inches)	RAIL LENGTH (inches)
BLPSWR14	1/4	13
BLPSWR38	3/8	15
BLPSWR12	1/2	18 <sup>7</sup> / <sub>16</sub>





## Roll Cab Tops

Packing: 1

- For use with all Blue-Point roll cabinets of respective sizes
- Available in two thickness, 660mm and 1016mm
- For KRB13008 models, only 1016mm can be used



PART NO.	DESCRIPTION	THICKNESS
SKRWT4008	Wooden Top	660
SKRWT4008B	Wooden Top	1016
SKRSST4107	Stainless Steel Top	1016

## Slots and Dots Side Panel

1470K-ACSIDE

Packing: 1

- Panel size 822 x 419 x 20mm
- Can be hung or screwed on the roll cab side wall
- Mix and match storage accessories
- 18 Steel Gauge thickness
- PE paint, PE texture



## Foldable Tray

1470K-AC1

Packing: 1

- Folding tray
- 35 kg loading capacity
- 18 Steel Gauge thickness
- PE paint, PE texture



## Can Holder

1470K-AC3

Packing: 1

- Storage tray, holds up to 6 cans
- 18 Steel Gauge thickness
- PE paint, PE texture



## LED Light Top

Packing: 1

- Up to 15 hours continuous working or 3 months normal usage
- Available in 26" or 40"
- Each LED light set supply 72 lumens.
- 26" with 1 LED light on the middle front of the top
- 40" with 2 LED light on both side front of the top
- Run on 8 AAA batteries
- LED light will illuminate when movement is detected
- Lights cover every drawer
- Easy for locating small tools



PART NO.	WEIGHT (kg)	LENGTH (M)	WIDTH (M)	HEIGHT (M)
KLTOP26	12.2	0.68	0.51	0.042
KLTOP40	18.1	1.01	0.51	0.042

## Pry Bar Box

1470K-AC2

Packing: 1

- Holds up to 23 pry bars or screwdrivers
- 18 Steel Gauge thickness
- PE paint, PE texture



## Document Holder

1470K-AC4

Packing: 1

- 18 Steel Gauge thickness
- PE paint, PE texture



### Heavy Duty Mini Cart

KRC1KPCM

Packing: 1

- Max capacity load of 50kg per tray, 150kg load capacity
- Compact size suitable for workshop usage
- Pre-drilled holes convenient to place tools on it



PART NO.	COLORS	FINISH	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
KRC1KPCM	Blue	Gloss	400	501	960
CUBIC (cm <sup>3</sup> )		NET WEIGHT (kg)		SHIPPING WEIGHT (kg)	
48,096		16		150	
SPECIFICATIONS		WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)	
Trays	3	400	501	80	

### 1 Drawer Roll Cart

KRBC3TDPCM

Packing: 1

- 4" deep locking drawer with tubular lock for added tool security
- Two sturdy, 3" deep trays are positioned for convenience
- Friction drawer slides
- Made of heavy-gauge steel



PART NO.	COLORS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)	NET WEIGHT (kg)	LOAD CAPACITY (kg)
KRBC3TDPCM	Blue	813	452	920	29.5	136
KRBC3TD	Red					
SPECIFICATIONS		WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)		
Drawers	1	368	686	102		
Trays	-	765	686	102		

### 2 Shelves Roll Cart

KRBC2TCCPM

Packing: 1

- Trays feature rolled edges for improved strength and rigidity
- Maximum load capacity 68kg per tray
- Welded post holders
- Two locking casters



PART NO.	COLORS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)	NET WEIGHT (kg)	LOAD CAPACITY (kg)
KRBC2TCCPM	Blue	756	428	920	17.2	159
KRBC2TC	Red					
SPECIFICATIONS		WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)		
Trays		765	428	75		

### 4 Drawers Flip-Top Roll Cart

KRBC7TDPCM

Packing: 1

- Latch System to unlock all 4 drawers once the top lid is lifted
- Folding side work shelf provides extra work space
- Locking prybar compartment securely holds all length prybars and screwdrivers



PART NO.	COLORS	DRAWERS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)	NET WEIGHT (kg)
KRBC7TDPCM	Blue	4	869	431	1,041	56.2
KRBC7TD	Red					
SPECIFICATIONS		WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)		
Drawers	2	350	399	51		
	1	700	391	51		
	1	700	391	102		
Bottom Shelf	1	700	391	76		





## 1 Drawer, Heavy Duty Roll Cart

Packing: 1

- Two sturdy, 3" deep trays are positioned for convenience
- Heavy duty ball bearing drawer slide
- Lock 'n Roll Drawers prevents drawer opens during movements
- High quality powder coating



PART NO.	COLORS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)	NET WEIGHT (kg)	LOAD CAPACITY (kg)
KRC3TKPCM	Blue	805	500	960	40	240
KRC3TKK	Red					
KRC3TKPC	Black					
KRC3TKPES	Yellow					

SPECIFICATIONS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
Drawers	1	680	384

## 4 Drawers Flip-Top Roll Cart

KRBC10TBPCM Packing: 1

- Auto locking mechanism locks drawers when lid is closed
- Plated fasteners resist corrosion and self locking nuts
- Non-toxic mats in shelf, drawers and top compartment



PART NO.	COLORS	DRAWERS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
KRBC10TBPCM	Blue	4	775	520	1,048
KRBC10TB	Red				

SPECIFICATIONS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
Drawers	2	292	445
	1	622	445
	1	622	445
Top Compartment	-	762	483
Bottom Shelf	2	762	483

## 2 Drawers Flip-Top Roll Cart

Packing: 1

- Padded lid protects finish and provides additional work surface
- Removable top chest locks to cart
- Two roller bearing slide drawers on both the top chest and cart



PART NO.	COLORS	DRAWERS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
KRBC15TPCM	Blue	4	671	465	1,077
KRBC15T	Red				

NET WEIGHT (kg)	LOAD CAPACITY (kg)
40	136

SPECIFICATIONS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
Drawers	2	572	386
Trays	-	660	300
Bottom Shelf	1	667	456

## 4 Drawers Sliding Top Roll Cart

KRBCSSTPCM Packing: 1

- Padded lid protects finish and provides additional work surface
- Roller bearing slide drawers, locking slide top, internal prybar holder



PART NO.	COLORS	DRAWERS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
KRBCSSTPCM	Blue	2	747	524	982
KRBCSST	Red				

CUBIC (cm <sup>3</sup> )	NET WEIGHT (kg)	LOAD CAPACITY (kg)
261,062	56	136

SPECIFICATIONS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
Drawers	2	745	445
Top Compartment	-	747	524
Bottom Shelf	-	745	445

## **NEW!** 4 Drawers, Sliding Door Roll Cart

Packing: 1

- Loading Capacity: 300kg
- Latch lock system allows all 4 drawers to lock/unlock at once
- Sturdy and heavy duty frame structure for long lasting use
- Spacious base compartment for storage of larger tools



PART NO.	COLORS	DRAWERS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
KRBC100BET	Blue	4	825	501	918
KRBC100BN	Red				
KRBC100BFI	Black				
KRBC100PWZ	Grey				
KRBC100BEG	Purple				

CUBIC (cm <sup>3</sup> )	NET WEIGHT (kg)	SHIPPING WEIGHT (kg)
371,154	58	75

SPECIFICATIONS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
Drawers	2	321	451
	1	679	451
	1	679	451

## **NEW!** 5 Drawers, Sliding Top Roll Cart

Packing: 1

- Loading Capacity: 600kg
- Latch lock system allows all 4 drawers to lock/unlock at once
- Sturdy and heavy duty frame structure for long lasting use
- Spacious top compartment for storage of larger tools



PART NO.	COLORS	DRAWERS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
KRBC200BET	Blue	5	807	501	912
KRBC200BN	Red				
KRBC200BFI	Black				
KRBC200PWZ	Yellow				
KRBC200BEG	Purple				

CUBIC (cm <sup>3</sup> )	NET WEIGHT (kg)	SHIPPING WEIGHT (kg)
368,728	95	105

SPECIFICATIONS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
Drawers	3	679	451
	2	679	451

## Hand Trolley

BLPHTB

Packing: 1

- Holds up to 45 kg of tools
- High quality carbon steel and plastic material
- Boxes are detachable for more variety of work



PART NO.	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
BLPHTB	520	320	720

SPECIFICATIONS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)	WEIGHT (kg)
Top Drawer	430	200	150	3.5
Center Drawer	390	210	65	5.2
Bottom Drawer	400	215	275	5.8

## **NEW!** Workstation

BLPSUZTRWS

Packing: 1

- 6000 x 4000mm room size
- 40" locker x 1
- 26" locker x 1
- 40" top cabinet x 1
- 26" top cabinet x 1
- 26" roll cabinet x 1
- Roll Cart x 1



### Metal Tool Box, 19" Cantilever Style

Packing: 1

- 19" steel constructed cantilever tool box
- Durable and portable
- 5 trays design to accommodate more tools
- Full length steel handle



PART NO.	COLORS	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
CTK19KPCM	Blue	460	200	200
CTK19KPC	Black			
CTK19KPES	Yellow			
CTK19K	Red			

CUBIC (cm <sup>3</sup> )	NET WEIGHT (kg)	SHIPPING WEIGHT (kg)
17,131	4.6	35

SPECIFICATIONS		WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
Small Tray	4	460	99	48
Large Tray	1	460	200	97

### Metal Tool Box

KRBK17 Packing: 1

- Portable steel tool box for users who prefer metal material over plastic
- High grade steel for greater strength & toughness
- PE powder painting for better protection against peel



PART NO.	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)
KRBK17	425	153	114

### Metal Tool Box, 18" Cantilever Style

KRW48C Packing: 1

- Split top opening for tool access
- Cantilever trays on either side of cover, carrying handle



PART NO.	CUBIC (cm <sup>3</sup> )	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)
KRW48C	25,070	457	254	337

### Metal Tool Box

KRBK24 Packing: 1

- Portable steel tool box for users who prefer metal material over plastic
- High grade steel for greater strength & toughness
- PE powder painting for better protection against peel
- Triple latch to prevent box from opening when dropped
- Additional internal metal tray for separating small tools



PART NO.	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)
KRBK24	511	199	195

## Plastic Tool Boxes

Packing: 1

- Ideal for a wide range of storage needs
- Made of tough, injection molded plastic to ensure a precise fitting lid and durability
- Top carrying handle, tension latches, tote tray and padlock provision are also featured



YA484

YA482

PART NO.	SIZE (inches)	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)
YA482	16	419	210	165
YA484	23	587	260	267

## Mini Tool Box

BPKMTBB

Packing: 1

- PE powder painting for better protection against peel
- Made of heavy gauge steel, tray thickness 0.9mm
- Perfect tools storage solution for ratchets and sockets



PART NO.	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	WEIGHT (kg)
BPKMTBB	208	79.5	41	0.45

## Plastic Tool Boxes

Packing: 1

- Steel pins connecting the lid and box for extra durable usage
- Separate top tray to hold small tools
- Strong handle and lock material
- Large capacity 20" box, light weight and portable
- Made from shock resistant ABS and PP for durability and toughness
- Steel pins connecting the lid and box for extra durable usage
- Strong handle and lock material



BPBOX18

BPBOX20

PART NO.	SIZE (inches)	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)
BPBOX18	18	445	240	206
BPBOX20	20	558	277	270

## Tote Bag, 17"

BPTOTE

Packing: 1

- Made of heavy duty 600x300D polyester, with Blue-Point embroidered logo
- Rugged, versatile, water resistant
- Wide top opening for easy access
- Multiple interior and external pockets for tool organization



PART NO.	SIZE (inches)	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)
BPTOTE	17	419	267	311



### Backpack with Rigid Bottom

BLPBPACKH1

Packing: 1

- Dimension: L36 x W22 x H48 cm
- Bag weight: 1.95 kg
- Recommended load capacity: 16 kg
- Material: 600 Denier Polyester
- Thick, sturdy and durable material with water repellent finish
- Color: Tough black with blue/grey stripes



PART NO.	LENGTH (cm)	WIDTH (cm)	HEIGHT (cm)
BLPBPACKH1	36	22	48

### Tool Bag, 17" Heavy Duty

BLPTBAG17

Packing: 1

- Dimension: L44.5 x W22 x H30.5 cm
- Recommended load capacity: 15 kg
- Constructed of heavy duty, water resistant material
- Ideal for carrying hand tools and other small to medium items
- Comfortable, cotton padded handles
- Rubber foam bottom keeps bag sturdy, protect contents from hard falls
- Designed to keep 3 modular sets in each bag



PART NO.	LENGTH (cm)	WIDTH (cm)	HEIGHT (cm)
BLPTBAG17	44.5	22	30.5

### Backpack with Tools Holder

BLPBPACK2

Packing: 1

- Dimension: L31 x W18.5 x H48 cm
- Bag weight: 1.8 kg
- Recommended load capacity: 12 kg
- Material: 600 Denier Polyester
- Thick, sturdy and durable material with water repellent finish
- Color: Tough black with blue/grey stripes
- Comes with tools holder inside for more usage



PART NO.	LENGTH (cm)	WIDTH (cm)	HEIGHT (cm)
BLPBPACK2	31	18.5	48

### Tool Bag with Metal Handle

BLPMOTB2

Packing: 1

- Dimension: L46 x W21 x H34 cm
- Recommended load capacity: 15 kg
- Wide open space below handle for easy access to tool carrier's main compartment
- Plastic reinforced internal pocket for utility knife or other tools
- Sturdy metal handle with molded foam grip for easy carrying
- Multi-use pockets to organize a wide range of tools and accessories



PART NO.	LENGTH (cm)	WIDTH (cm)	HEIGHT (cm)
BLPMOTB2	46	21	34

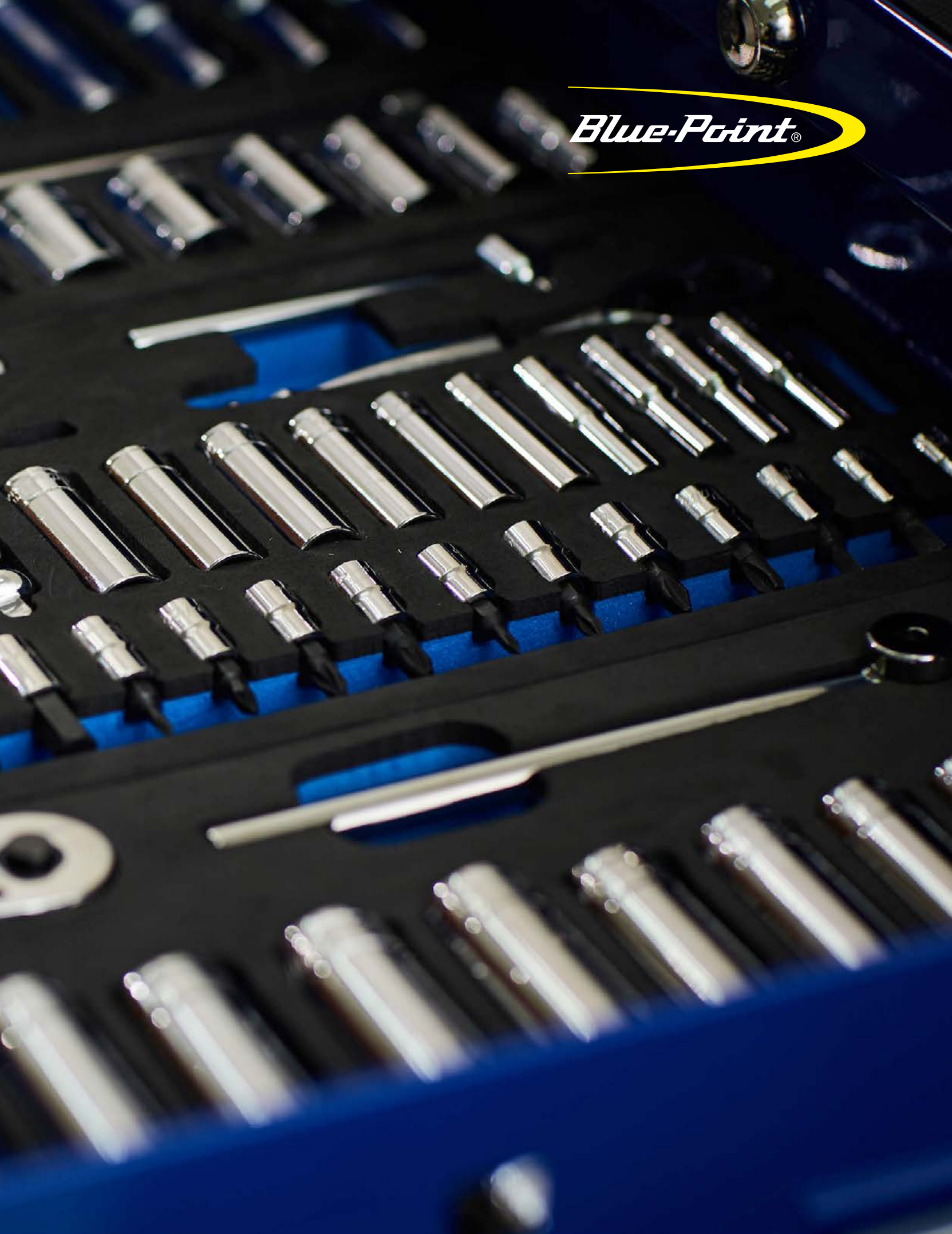
# RATCHETS, SOCKETS & ACCESSORIES



All Sizes for Any Application



*Blue-Point*<sup>®</sup>

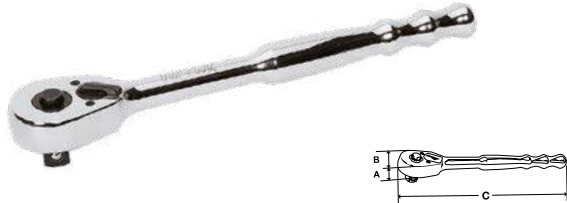


## 1/4" Quick Release Ratchet

BPRTR936

Packing: 1

- Features quick release button for rapid socket/accessory changes, even with greasy or oily hands
- Contoured handle for comfort and control
- Chrome finish for easy clean-up
- All ratchets in series meet or exceed ANSI B107-10M-1996 specifications



PART NO.	SQ. DRIVE (inches)	DESCRIPTION
BPRTR936	1/4	Standard Handle
GEAR TEETH	SWING ARC	A (mm)
36	10°	12
B (mm)	C (mm)	REPAIR KIT
25	143	RKRBPRTR936

## 1/4" Quick Release Ratchet, Soft Grip

BPRTR936SG

Packing: 1

- Features quick release button for rapid socket/accessory changes, even with greasy or oily hands
- Corrosive resistant bi-mold cushion grip for improved comfort and performance
- Chrome finish for easy clean-up
- All ratchets in series meet or exceed ANSI B107-10M-1996 specifications



PART NO.	SQ. DRIVE (inches)	DESCRIPTION
BPRTR936SG	1/4	Soft Grip Handle
GEAR TEETH	SWING ARC	A (mm)
36	10°	12
B (mm)	C (mm)	REPAIR KIT
25	143	RKRBPRTR936

## 1/4" Finger Ratchet

FSDR

Packing: 1

- Reversible, finger ratchet
- Small size works great for extremely tight areas
- Aluminum knurled outer ring for sure grip



PART NO.	SQ. DRIVE (inches)
FSDR	1/4 male - 1/4 female

### 1/4" Socket, mm, 6-Point

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



Packing: 6

PART NO.	SIZE (mm)	LENGTH (mm)
BLPSM143.5	3.5	25
BLPSM144	4	
BLPSM144.5	4.5	
BLPSM145	5	
BLPSM145.5	5.5	
BLPSM146	6	
BLPSM147	7	
BLPSM148	8	
BLPSM149	9	
BLPSM1410	10	
BLPSM1411	11	
BLPSM1412	12	
BLPSM1413	13	
BLPSM1414	14	

### 1/4" Socket, Inches, 6-Point

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



Packing: 6

PART NO.	SIZE (inches)	LENGTH (mm)
BLPS14532	5/32	25
BLPS14316	3/16	
BLPS14732	7/32	
BLPS1414	1/4	
BLPS14932	9/32	
BLPS14516	5/16	
BLPS141132	11/32	
BLPS1438	3/8	
BLPS14716	7/16	
BLPS1412	1/2	
BLPS14916	9/16	
BLPS1458	5/8	

### 1/4" Socket, mm, 12-Point

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



Packing: 6

PART NO.	SIZE (mm)	LENGTH (mm)
BLPDM144	4	24.8
BLPDM144.5	4.5	
BLPDM145	5	
BLPDM145.5	5.5	
BLPDM146	6	
BLPDM147	7	
BLPDM148	8	
BLPDM149	9	
BLPDM1410	10	
BLPDM1411	11	
BLPDM1412	12	
BLPDM1413	13	
BLPDM1414	14	

### 1/4" Long Socket, mm, 6-Point

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



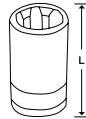
Packing: 6

PART NO.	SIZE (mm)	LENGTH (mm)
BLPLSM144	4	50
BLPLSM145	5	
BLPLSM146	6	
BLPLSM147	7	
BLPLSM148	8	
BLPLSM149	9	
BLPLSM1410	10	
BLPLSM1411	11	
BLPLSM1412	12	
BLPLSM1413	13	
BLPLSM1414	14	

### 1/4" Long Socket, Inches, 6-Point

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards

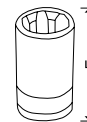


PART NO.	SIZE (inches)	LENGTH (mm)
BLPLS14316	3/16	50
BLPLS14732	7/32	
BLPLS1414	1/4	
BLPLS14932	9/32	
BLPLS14516	5/16	
BLPLS141132	11/32	
BLPLS1438	3/8	
BLPLS14716	7/16	
BLPLS1412	1/2	
BLPLS14916	9/16	
BLPLS1458	5/8	

### 1/4" Long Socket, mm, 12-Point

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards

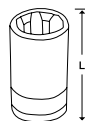


PART NO.	SIZE (mm)	LENGTH (mm)
BLPLDM144	4	50
BLPLDM145	5	
BLPLDM146	6	
BLPLDM147	7	
BLPLDM148	8	
BLPLDM149	9	
BLPLDM1410	10	
BLPLDM1411	11	
BLPLDM1412	12	
BLPLDM1413	13	
BLPLDM1414	14	

### 1/4" Double Square Socket, 8-Point

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards

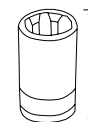


PART NO.	SIZE (inches)	LENGTH (mm)
BLPS81414	1/4	25
BLPS814516	5/16	
BLPS81438	3/8	

### 1/4" External Torx® Socket

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	#	LENGTH (mm)
BLPTE144	E4	25
BLPTE145	E5	
BLPTE146	E6	
BLPTE147	E7	
BLPTE148	E8	



### 1/4" Torx® Bit Socket, Tamper Resistant

Packing: 1

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	#	A (inches)
BLPT146TP	T6	1 7/16
BLPT147TP	T7	
BLPT148TP	T8	
BLPT149TP	T9	
BLPT1410TP	T10	
BLPT1415TP	T15	
BLPT1420TP	T20	
BLPT1425TP	T25	
BLPT1427TP	T27	
BLPT1430TP	T30	

### 1/4" Torx® Bit Socket, Long, Tamper Resistant

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	#	LENGTH (mm)
BLPTL146TP	T6	100
BLPTL147TP	T7	
BLPTL148TP	T8	
BLPTL149TP	T9	
BLPTL1410TP	T10	
BLPTL1415TP	T15	
BLPTL1420TP	T20	
BLPTL1425TP	T25	
BLPTL1427TP	T27	
BLPTL1430TP	T30	

### 1/4" Torx® Socket Driver

Packing: 6

- The BLPTS Series of Stubby Torx® socket drivers feature a reduced fastener depth penetration to increase strength and improve fastener engagement
- Manufactured from S2 Steel for longer tool life



PART NO.	#	LENGTH (mm)
BLPTS0148	T8	19
BLPTS01410	T10	
BLPTS01415	T15	
BLPTS01420	T20	
BLPTS01425	T25	
BLPTS01427	T27	
BLPTS01430	T30	
BLPTS01440	T40	
BLPTS01445	T45	
BLPTS01447	T47	
BLPTS01450	T50	

### 1/4" Hex Socket Driver

Packing: 6

- The BLPHSM Series of Stubby Hex socket drivers feature a reduced fastener depth penetration to increase strength and improve fastener engagement
- Manufactured from S2 Steel for longer tool life

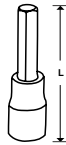


PART NO.	SIZE (mm)	LENGTH (mm)
BLPHSM0142	2	19
BLPHSM01425	2.5	
BLPHSM0143	3	
BLPHSM0144	4	
BLPHSM0145	5	
BLPHSM0146	6	
BLPHSM0147	7	
BLPHSM0148	8	
BLPHSM0149	9	
BLPHSM01410	10	

## 1/4" Hex Socket Driver, Tamper Resistant

Packing: 6

- The BLPTHSM Series of Stubby Hex Tamper Resistant socket drivers feature a reduced fastener depth penetration to increase strength and improve fastener engagement
- Manufactured from S2 Steel for longer tool life

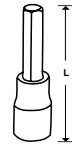


PART NO.	SIZE (mm)	LENGTH (mm)
BLPTHSM0142	2	19
BLPTHSM01425	2.5	
BLPTHSM0143	3	
BLPTHSM0144	4	
BLPTHSM0145	5	
BLPTHSM0146	6	
BLPTHSM0147	7	
BLPTHSM0148	8	
BLPTHSM0149	9	
BLPTHSM01410	10	

## 1/4" Phillips® Socket Driver

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards

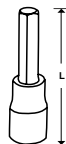


PART NO.	SIZE	LENGTH (mm)
BLPP140	#0	37
BLPP141	#1	
BLPP142	#2	
BLPP143	#3	
BLPP144	#4	

## 1/4" Phillips® Socket Driver, Stubby

Packing: 6

- Stubby Phillips® socket drivers feature a reduced fastener depth penetration to increase strength and improve fastener engagement
- Manufactured from S2 Steel for longer tool life

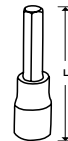


PART NO.	SIZE	LENGTH (mm)
BLPPS141	#1	19
BLPPS142	#2	

## 1/4" Pozidriv® Socket Driver

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	SIZE	LENGTH (mm)
BLPPD141	#1	37
BLPPD142	#2	
BLPPD143	#3	

### 1/4" Flat Tip Socket Driver, Short

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



Packing: 6

PART NO.	SIZE (inches)	LENGTH (mm)
BLPFS01414	1/4	19
BLPFS01438	3/8	

### 1/4" Triple Square Socket Driver

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	SIZE (mm)	LENGTH (mm)	
BLPXZN144	4	27	6
BLPXZN145	5		
BLPXZN146	6		
BLPXZN148	8		
BLPXZN1410	10		1
BLPXZN1412	12		

### 1/4" Sliding T-Handle, 4"

BLPSTHD144 Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	LENGTH (mm)
BLPSTHD144	114

### 1/4" Flat Tip Socket Driver, Standard

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



Packing: 6

PART NO.	SIZE (inches)	SIZE (mm)	LENGTH (mm)
BLPFT144	5/32	4	37
BLPFT145.5	7/32	5.5	
BLPFT146.5	9/32	6.5	

### 1/4" Breaker Bar

BLPBB146 Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	LENGTH (mm)
BLPBB146	152

### 1/4" Spinner Handle

BLPCGHD146 Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	LENGTH (mm)
BLPCGHD146	152

## 1/4" Extension, Knurled

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	LENGTH (mm)
BLPTXK1.5	40
BLPTXK2	51
BLPTXK3	76
BLPTXK4	102
BLPTXK6	152

## 1/4" Flexible Extension

BLPEXTF146 Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	LENGTH (mm)
BLPEXTF146	152

## 1/4" Adaptor

BLPAFM1438 Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	INTERNAL SQ. DRIVE (inches)	EXTERNAL SQ. DRIVE (inches)
BLPAFM1438	1/4	3/8

## 1/4" Extension, Extra Long Locking

Packing: 6

- Smooth, durable chrome finish
- Made from tough 6130 steel
- Secure socket retention
- Lifetime warranty on individual extensions
- Do not use with power or impact tools



PART NO.	LENGTH (mm)
BLPEXTL1412	305
BLPEXTL1418	457
BLPEXTL1424	610

## 1/4" Universal Joint

BLPUJ14 Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	LENGTH (mm)
BLPUJ14	38

## Spinner Adaptors

Packing: 1

- Ideal for getting into tight places while generating substantial torque
- Knurled nut body for positive grip
- Anodized knurled body design



PART NO.	SQ. DRIVE (inches)
FSD14	3/8 male - 1/4 female
FSD38	1/4 male - 3/8 female

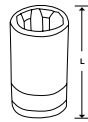


### 1/4" Bit Holder

BLPTMBS1414

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	LENGTH (mm)	DESCRIPTION
BLPTMBS1414	27	for 1/4" Hex Bits

### 1/4" Impact Adaptor

BLPAIM3814

Packing: 6

- Specially heat treated for impact use to provide long life, safety, and durability
- Suitable for use with pneumatic and electric impact wrenches
- Drive end features pin retention hole and groove



PART NO.	SIZE (inches)
BLPAIM3814	3/8 male x 1/4 female

### 1/4" Drive Fractional & Metric Impact Twist Socket Set

122TSTY

Packing: 1

- Constructed from heat treated alloy steel
- Industrial black finish
- One quarter millimeter increments between sizes which ensure coverage regardless of fastener head condition or manufacturer's tolerance
- Can be used with impact wrench



PART NO.	SIZE	OD		
		WRENCH END	DRIVE END	LENGTH inches (mm)
TSTY45	4.50mm	0.29 (7.4)	5.00 (127)	1.00 (25.4)
TSTY47	4.75mm & 3/16"	0.31 (7.9)		
TSTY50	5.00mm	0.32 (8.1)		
TSTY52	5.25mm	0.33 (8.4)		
TSTY55	5.50mm	0.34 (8.6)		
TSTY57	5.75mm	0.35 (8.9)		
TSTY60	6.00mm	0.37 (9.4)		
TSTY62	6.25mm & 1/4"	0.38 (9.7)		
TSTY65	6.50mm	0.39 (9.9)		
TSTY67	6.75mm	0.40 (10.2)		
TSTY70	7.00mm	0.41 (10.4)		

PART NO.	SIZE	OD		
		WRENCH END	DRIVE END	LENGTH inches (mm)
TSTY72	7.25mm & 9/32"	0.42 (10.7)	5.00 (127)	1.00 (25.4)
TSTY75	7.50mm	0.44 (11.2)		
TSTY77	7.75mm	0.45 (11.5)		
TSTY80	8.00mm & 5/16"	0.47 (11.8)		
TSTY82	8.25mm	0.48 (12.2)		
TSTY85	8.50mm	0.49 (12.6)		
TSTY87	8.75mm & 11/32"	0.51 (12.9)		
TSTY90	9.00mm	0.52 (13.2)		
TSTY92	9.25mm	0.54 (13.6)		
TSTY95	9.50mm & 3/8"	0.55 (14.0)		
TSTY100	10.00mm	0.57 (14.5)		

### 3/8" Quick Release Ratchet



**1** High-torque compact head design



**2** High gear-teeth count for maximum work efficiency



**3** Quick release to facilitate rapid socket changes



**4** Chrome finish for easy clean-up



**5** Contoured handle for comfort

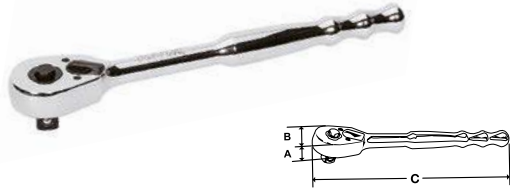


### 3/8" Quick Release Ratchet

BPRFR938

Packing: 1

- Features quick release button for rapid socket/accessory changes, even with greasy or oily hands
- Contoured handle for comfort and control
- Chrome finish for easy clean-up
- All ratchets in series meet or exceed ANSI B107-10M-1996 specifications



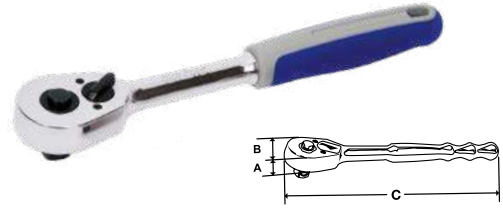
PART NO.	SQ. DRIVE (inches)	DESCRIPTION
BPRFR938	3/8	Standard Handle
GEAR TEETH	SWING ARC	A (mm)
38	9.5°	14
B (mm)	C (mm)	REPAIR KIT
33	197	RKRBPRFR938

### 3/8" Quick Release Ratchet, Soft Grip

BPRFR938SG

Packing: 1

- Features quick release button for rapid socket/accessory changes, even with greasy or oily hands
- Corrosive resistant bi-mold cushion grip for improved comfort and performance
- Chrome finish for easy clean-up
- All ratchets in series meet or exceed ANSI B107-10M-1996 specifications



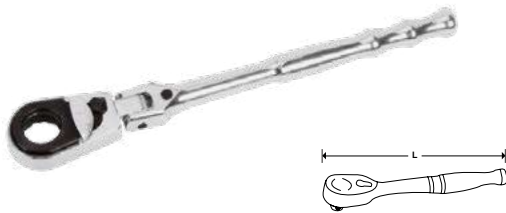
PART NO.	SQ. DRIVE (inches)	DESCRIPTION
BPRFR938SG	3/8	Soft Grip Handle
GEAR TEETH	SWING ARC	A (mm)
38	9.5°	14
B (mm)	C (mm)	REPAIR KIT
33	197	RKRBPRFR938

### 3/8" Pass Thru Ratchet

BPRFPT10

Packing: 6

- Ratchet features a flex head design that allows for seven different locking positions



PART NO.	LENGTH (mm)
BPRFPT10	254

### 3/8" Finger Ratchet

FSDR1

Packing: 1

- Reversible, finger ratchet
- Small size works great for extremely tight areas
- Aluminum knurled outer ring for sure grip

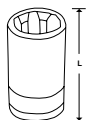


PART NO.	SQ. DRIVE (inches)
FSDR1	3/8 male - 1/4 female

### 3/8" Socket, mm, 6-Point

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	SIZE (mm)	LENGTH (mm)
BLPSM386	6	25.5
BLPSM387	7	
BLPSM388	8	
BLPSM389	9	
BLPSM3810	10	
BLPSM3811	11	
BLPSM3812	12	27
BLPSM3813	13	
BLPSM3814	14	
BLPSM3815	15	

PART NO.	SIZE (mm)	LENGTH (mm)
BLPSM3816	16	27
BLPSM3817	17	
BLPSM3818	18	
BLPSM3819	19	29
BLPSM3820	20	
BLPSM3821	21	31
BLPSM3822	22	
BLPSM3823	23	
BLPSM3824	24	

### 3/8" Socket, Inches, 6-Point

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	SIZE (inches)	LENGTH (mm)
BLPS3814	1/4	25
BLPS38516	5/16	
BLPS3838	3/8	
BLPS38716	7/16	
BLPS3812	1/2	27
BLPS38916	9/16	
BLPS3858	5/8	
BLPS381116	11/16	29
BLPS3834	3/4	
BLPS381316	13/16	
BLPS3878	7/8	
BLPS381516	15/16	
BLPS381	1	

### 3/8" Socket, mm, 12-Point

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	SIZE (mm)	LENGTH (mm)
BLPDM386	6	25.5
BLPDM387	7	
BLPDM388	8	
BLPDM389	9	
BLPDM3810	10	
BLPDM3811	11	
BLPDM3812	12	27
BLPDM3813	13	
BLPDM3814	14	
BLPDM3815	15	

PART NO.	SIZE (mm)	LENGTH (mm)
BLPDM3816	16	27
BLPDM3817	17	
BLPDM3818	18	
BLPDM3819	19	29
BLPDM3820	20	
BLPDM3821	21	31
BLPDM3822	22	
BLPDM3823	23	
BLPDM3824	24	

### 3/8" Long Socket, mm, 12-Point

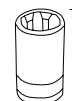
Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	SIZE (mm)	LENGTH (mm)
BLPLM386	6	64
BLPLM387	7	
BLPLM388	8	
BLPLM389	9	
BLPLM3810	10	
BLPLM3811	11	
BLPLM3812	12	
BLPLM3813	13	
BLPLM3814	14	

PART NO.	SIZE (mm)	LENGTH (mm)
BLPLM3815	15	64
BLPLM3816	16	
BLPLM3817	17	
BLPLM3818	18	
BLPLM3819	19	
BLPLM3820	20	
BLPLM3821	21	
BLPLM3822	22	



### 3/8" Socket



**1** Flank-Drive features optimal contact point and angle

**2** Optimal heat treatment & material composition for strength & durability

**3** Thinner walls to reach better into smaller recesses

### 3/8" Long Socket, Inches, 12-Point

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	SIZE (inches)	LENGTH (mm)
BLPL3814	1/4	64
BLPL38516	5/16	
BLPL3838	3/8	
BLPL38716	7/16	
BLPL3812	1/2	
BLPL38916	9/16	
BLPL3858	5/8	
BLPL381116	11/16	
BLPL3834	3/4	
BLPL381316	13/16	
BLPL3878	7/8	
BLPL381516	15/16	
BLPL381	1	

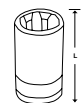
### 3/8" External Torx® Socket

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	#	LENGTH (mm)
BLPTE384	E4	31
BLPTE385	E5	
BLPTE386	E6	
BLPTE387	E7	
BLPTE388	E8	
BLPTE3810	E10	
BLPTE3811	E11	
BLPTE3812	E12	
BLPTE3814	E14	
BLPTE3816	E16	
BLPTE3818	E18	
BLPTE3820	E20	



## 3/8" Torx® Bit Socket, Tamper Resistant

Packing: 1

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	#	A
BLPT3810TP	T10	1 27/32
BLPT3815TP	T15	
BLPT3820TP	T20	
BLPT3825TP	T25	
BLPT3827TP	T27	
BLPT3830TP	T30	
BLPT3840TP	T40	
BLPT3845TP	T45	
BLPT3850TP	T50	
BLPT3855TP	T55	

## 3/8" Torx® Bit Socket, Long, Tamper Resistant

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	A	LENGTH (mm)
BLPTL3840TP	T40	110
BLPTL3845TP	T45	
BLPTL3850TP	T50	

## 3/8" Torx® Socket Driver

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	#	LENGTH (mm)
BLPTS3810	T10	48
BLPTS3815	T15	
BLPTS3820	T20	
BLPTS3825	T25	
BLPTS3827	T27	
BLPTS3830	T30	
BLPTS3840	T40	
BLPTS3845	T45	
BLPTS3850	T50	
BLPTS3855	T55	
BLPTS3860	T60	

## 3/8" Hex Socket Driver

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	SIZE (mm)	LENGTH (mm)
BLPH383	3	47
BLPH384	4	
BLPH385	5	
BLPH386	6	
BLPH387	7	
BLPH388	8	50.5
BLPH3810	10	

### 3/8" Phillips® Socket Driver

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	SIZE	LENGTH (mm)
BLPP381	#1	47
BLPP382	#2	
BLPP383	#3	
BLPP384	#4	

### 3/8" Pozidriv® Socket Driver

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	SIZE	LENGTH (mm)
BLPPD381	#1	47
BLPPD382	#2	
BLPPD383	#3	
BLPPD384	#4	

### 3/8" Triple Square Socket Driver

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	SIZE	LENGTH (mm)
BLPXZNM0384	M4	27
BLPXZNM0385	M5	
BLPXZNM0386	M6	
BLPXZNM0388	M8	
BLPXZNM03810	M10	
BLPXZNM03812	M12	

### 3/8" Flat Tip Socket Driver

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	SIZE (mm)	LENGTH (mm)
BLPFT3855	5.5	47
BLPFT3865	6.5	
BLPFT388	8	

### 3/8" Breaker Bar

BLPBB3810 Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	LENGTH (mm)
BLPBB3810	253

### 3/8" Sliding T-Handle

BLPSTHD388 Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



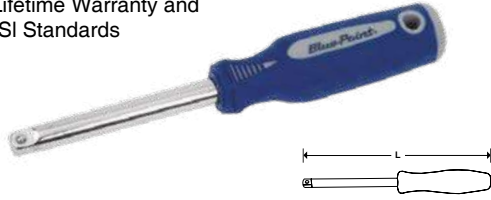
PART NO.	LENGTH (mm)
BLPSTHD388	197

## 3/8" Spinner Handle

BLPCGHD388

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards

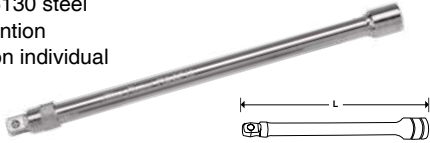


PART NO.	LENGTH (mm)
BLPCGHD388	219

## 3/8" Locking Extension

Packing: 6

- Smooth, durable chrome finish
- Made from tough 6130 steel
- Secure socket retention
- Lifetime warranty on individual extensions



PART NO.	LENGTH (mm)
FXLBP3	76
FXLBP6	152
FXLBP10	254

## 3/8" Pass Thru Socket, mm

Packing: 6

- Pass thru socket design avoids "bottoming out" on long fasteners and threaded rods
- Sockets can reach fasteners in tight spaces with relative ease



PART NO.	SIZE (mm)	LENGTH (mm)
BLPPTSM8	8	37
BLPPTSM9	9	
BLPPTSM10	10	
BLPPTSM11	11	
BLPPTSM12	12	
BLPPTSM13	13	
BLPPTSM14	14	
BLPPTSM15	15	
BLPPTSM16	16	
BLPPTSM17	17	
BLPPTSM18	18	
BLPPTSM19	19	

## 3/8" Extension, Knurled

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	LENGTH (mm)
BLPEXTK383	75
BLPEXTK386	150
BLPEXTK3810	252

## 3/8" Locking Extension, Extra Long

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	LENGTH (mm)
BLPEXTL3812	305
BLPEXTL3818	457
BLPEXTK3824	610

## 3/8" Pass Thru Socket, Inches

Packing: 6

- Pass thru socket design avoids "bottoming out" on long fasteners and threaded rods
- Sockets can reach fasteners in tight spaces with relative ease



PART NO.	SIZE (inches)	LENGTH (mm)
BLPPTS38	3/8	37
BLPPTS716	7/16	
BLPPTS12	1/2	
BLPPTS916	9/16	
BLPPTS58	5/8	
BLPPTS1116	11/16	
BLPPTS34	3/4	



## 3/8" Universal Joint

Manufactured from high-grade alloy steel  
Offering same quality and features as our sockets with lifetime warranty

Flexible joint for more working angles



### 3/8" Pass Thru Extension

BLPPTXT3

Packing: 6

- 3" extension



PART NO.	LENGTH (mm)
BLPPTXT3	76

### 3/8" Bit Holder

BLPTMBS3814

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	LENGTH (mm)	DESCRIPTION
BLPTMBS3814	19	For 1/4" Hex Bits

### 3/8" Universal Joint

BLPUJ38

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	LENGTH (mm)
BLPUJ38	52

### 3/8" Adaptor

BLPAFM3814

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	INTERNAL SQ. DRIVE (inches)	EXTERNAL SQ. DRIVE (inches)
BLPAFM3814	3/8	1/4
BLPAFM3812	3/8	1/2

## 3/8" Spinner Adaptor

FSD1

Packing: 1

- Ideal for getting into tight places while generating substantial torque
- Knurled nut body for positive grip
- Anodized body design.



PART NO.	SQ. DRIVE (inches)
FSD1	3/8 male - 3/8 female

## 3/8" Pass Thru Adaptor

BLPPTA3438

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	LENGTH (mm)
BLPPTA3438	32

## 3/8" Impact Socket, Shallow, mm, 6-Point

Packing: 6

- Designed for maximum engagement on 6-point fasteners
- Suitable for use with pneumatic and electric impact wrenches
- Specially heat treated for impact use to provide long life, safety, and durability
- Drive end features pin retention hole and groove



PART NO.	SIZE (mm)
BLPSMIM387	7
BLPSMIM388	8
BLPSMIM389	9
BLPSMIM3810	10
BLPSMIM3811	11
BLPSMIM3812	12
BLPSMIM3813	13
BLPSMIM3814	14
BLPSMIM3815	15
BLPSMIM3816	16
BLPSMIM3817	17
BLPSMIM3818	18
BLPSMIM3819	19

## 3/8" Impact Socket, Shallow, Inches, 6-Point

Packing: 6

- Designed for maximum engagement on 6-point fasteners
- Suitable for use with pneumatic and electric impact wrenches
- Specially heat treated for impact use to provide long life, safety, and durability
- Drive end features pin retention hole and groove



PART NO.	SIZE (inches)
BLPSIM3814	1/4
BLPSIM38516	5/16
BLPSIM3838	3/8
BLPSIM38716	7/16
BLPSIM3812	1/2
BLPSIM38916	9/16
BLPSIM3858	5/8
BLPSIM381116	11/16
BLPSIM3834	3/4

## 3/8" Impact Socket, Deep, mm, 6-Point

Packing: 6

- Designed for maximum engagement on 6-point fasteners
- Suitable for use with pneumatic and electric impact wrenches
- Specially heat treated for impact use to provide long life, safety, and durability
- Drive end features pin retention hole and groove



PART NO.	SIZE (mm)	PART NO.	SIZE (mm)
BLPLSMIM387	7	BLPLSMIM3814	14
BLPLSMIM388	8	BLPLSMIM3815	15
BLPLSMIM389	9	BLPLSMIM3816	16
BLPLSMIM3810	10	BLPLSMIM3817	17
BLPLSMIM3811	11	BLPLSMIM3818	18
BLPLSMIM3812	12	BLPLSMIM3819	19
BLPLSMIM3813	13		



### 3/8" Impact Socket, Deep, Inches, 6-Point

Packing: 6

- Designed for maximum engagement on 6-point fasteners
- Suitable for use with pneumatic and electric impact wrenches
- Specially heat treated for impact use to provide long life, safety, and durability
- Drive end features pin retention hole and groove



PART NO.	SIZE (inches)
BLPLSIM3814	1/4
BLPLSIM38516	5/16
BLPLSIM3838	3/8
BLPLSIM38716	7/16
BLPLSIM3812	1/2
BLPLSIM38916	9/16
BLPLSIM3858	5/8
BLPLSIM381116	11/16
BLPLSIM3834	3/4

### 3/8" Universal Joints

BLPJIM38

Packing: 6

- Specially heat treated for impact use to provide long life, safety, and durability
- Suitable for use with pneumatic and electric impact wrenches
- Drive end features pin retention hole and groove



PART NO.	SIZE (inches)
BLPJIM38	3/8 male x 3/8 female

### 3/8" Impact Socket, Extra Long, Inches, 6-Point

Packing: 6

- Extra length at 100 mm to reach two-wheelers transmission box screws
- Single piece construction
- For use on impact wrench without the need for extra extension



PART NO.	SIZE (inches)
BLPSMS8	8
BLPSMS10	10
BLPSMS12	12

### 3/8" Impact Adaptor

BLPAIM1238

Packing: 6

- Specially heat treated for impact use to provide long life, safety, and durability
- Suitable for use with pneumatic and electric impact wrenches
- Drive end features pin retention hole and groove



PART NO.	SIZE (inches)
BLPAIM1238	1/2 male x 3/8 female

### 3/8" Extension

Packing: 6

- Specially heat treated for impact use to provide long life, safety, and durability
- Suitable for use with pneumatic and electric impact wrenches
- Drive end features pin retention hole and groove



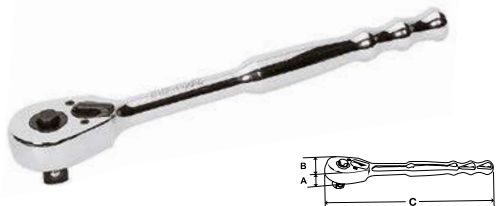
PART NO.	SIZE (inches)
BLPEXIM383	3
BLPEXIM386	6

### 1/2" Quick Release Ratchet

BPRSR940

Packing: 1

- Features quick release button for rapid socket/ accessory changes, even with greasy or oily hands
- Contoured handle for comfort and control
- Chrome finish for easy clean-up
- All ratchets in series meet or exceed ANSI B107-10M-1996 specifications



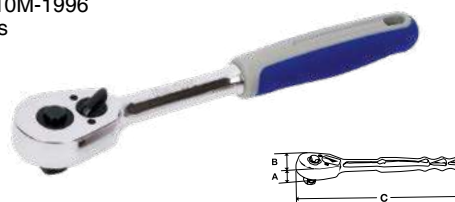
PART NO.	SQ. DRIVE (inches)	DESCRIPTION
BPRSR940	1/2	Standard Handle
GEAR TEETH	SWING ARC	A (mm)
40	9°	18
B (mm)	C (mm)	REPAIR KIT
44	251	RKRBPRSR940

### 1/2" Quick Release Ratchet, Soft Grip

BPRSR940SG

Packing: 1

- Features quick release button for rapid socket/ accessory changes, even with greasy or oily hands
- Corrosive resistant bi-mold cushion grip for improved comfort and performance
- Chrome finish for easy clean-up
- All ratchets in series meet or exceed ANSI B107-10M-1996 specifications



PART NO.	SQ. DRIVE (inches)	DESCRIPTION
BPRSR940SG	1/2	Soft Grip Handle
GEAR TEETH	SWING ARC	A (mm)
40	9°	18
B (mm)	C (mm)	REPAIR KIT
44	103	RKRBPRSR940

### 1/2" Socket, mm, 6-Point

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	SIZE (mm)	LENGTH (mm)	PART NO.	SIZE (mm)	LENGTH (mm)
BLPSM128	8	38	BLPSM1219	19	38
BLPSM129	9		BLPSM1220	20	
BLPSM1210	10		BLPSM1221	21	
BLPSM1211	11		BLPSM1222	22	
BLPSM1212	12		BLPSM1223	23	
BLPSM1213	13		BLPSM1224	24	
BLPSM1214	14		BLPSM1227	27	
BLPSM1215	15		BLPSM1230	30	
BLPSM1216	16		BLPSM1232	32	
BLPSM1217	17		BLPSM1234	34	
BLPSM1218	18		BLPSM1236	36	

### 1/2" Socket, Inches, 6-Point

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	SIZE (inches)	LENGTH (mm)	PART NO.	SIZE (inches)	LENGTH (mm)
BLPS12516	5/16	38	BLPS121316	13/16	38
BLPS1238	3/8		BLPS1278	7/8	
BLPS12716	7/16		BLPS121516	15/16	40
BLPS1212	1/2		BLPS121	1	
BLPS12916	9/16		BLPSB121116	1 1/16	
BLPS1258	5/8		BLPSB12118	1 1/8	44
BLPS121116	11/16		BLPSB121316	1 3/16	
BLPS1234	3/4		BLPSB12114	1 1/4	



### 1/2" Socket, mm, 12-Point

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	SIZE (mm)	LENGTH (mm)	
BLPDM128	8	38	
BLPDM129	9		
BLPDM1210	10		
BLPDM1211	11		
BLPDM1212	12		
BLPDM1213	13		
BLPDM1214	14		
BLPDM1215	15		
BLPDM1216	16		
BLPDM1217	17		
BLPDM1218	18		
BLPDM1219	19		
BLPDM1220	20		
BLPDM1221	21		
BLPDM1222	22	41	
BLPDM1223	23		
BLPDM1224	24		
BLPDM1225	25		
BLPDM1226	26	44	
BLPDM1227	27		
BLPDM1228	28		
BLPDM1229	29		
BLPDM1230	30		
BLPDM1231	31		
BLPDM1232	32		
BLPDM1234	34		
BLPDM1236	36		50

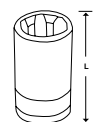
### 1/2" Socket, Inches, 12-Point

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	SIZE (inches)	LENGTH (mm)
BLPD12516	5/16	38
BLPD1238	3/8	
BLPD12716	7/16	
BLPD1212	1/2	
BLPD12916	9/16	
BLPD1258	5/8	
BLPD121116	11/16	
BLPD1234	3/4	
BLPD121316	13/16	
BLPD1278	7/8	
BLPD121516	15/16	41
BLPD121	1	
BLPDB121116	1 1/16	44
BLPDB12118	1 1/8	
BLPDB12114	1 1/4	



### 1/2" Long Socket, mm, 6-Point

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	SIZE (mm)	LENGTH (mm)	PART NO.	SIZE (mm)	LENGTH (mm)
BLPLM1210	10	76	BLPLM1219	19	76
BLPLM1211	11		BLPLM1220	20	
BLPLM1212	12		BLPLM1221	21	
BLPLM1213	13		BLPLM1222	22	
BLPLM1214	14		BLPLM1224	24	
BLPLM1215	15		BLPLM1227	27	
BLPLM1216	16		BLPLM1230	30	
BLPLM1217	17		BLPLM1232	32	
BLPLM1218	18				

### 1/2" Long Socket, Inches, 6-Point

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	SIZE (inches)	LENGTH (mm)	PART NO.	SIZE (inches)	LENGTH (mm)
BLPL1238	3/8	76	BLPL121316	13/16	76
BLPL12716	7/16		BLPL1278	7/8	
BLPL1212	1/2		BLPL121516	15/16	
BLPL12916	9/16		BLPL121	1	
BLPL1258	5/8		BLPLB121116	1 1/16	
BLPL121116	11/16		BLPLB12118	1 1/8	
BLPL1234	3/4		BLPLB125114	1 1/4	

### 1/2" Long Socket, mm, 12-Point

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	SIZE (mm)	LENGTH (mm)	PART NO.	SIZE (mm)	LENGTH (mm)
BLPDLM129	9	77	BLPDLM1221	21	77
BLPDLM1210	10		BLPDLM1222	22	
BLPDLM1211	11		BLPDLM1223	23	
BLPDLM1212	12		BLPDLM1224	24	
BLPDLM1213	13		BLPDLM1225	25	
BLPDLM1214	14		BLPDLM1226	26	
BLPDLM1215	15		BLPDLM1227	27	
BLPDLM1216	16		BLPDLM1230	30	
BLPDLM1217	17		BLPDLM1232	32	
BLPDLM1218	18		BLPDLM1234	34	
BLPDLM1219	19		BLPDLM1236	36	
BLPDLM1220	20				

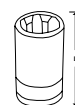
### 1/2" External Torx® Socket

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



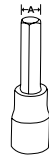
PART NO.	#	LENGTH (mm)
BLPTE1210	E10	38
BLPTE1212	E12	
BLPTE1214	E14	
BLPTE1216	E16	
BLPTE1218	E18	
BLPTE1220	E20	
BLPTE1222	E22	
BLPTE1224	E24	



### 1/2" Torx® Bit Socket, Tamper Resistant

Packing: 1

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards

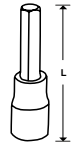


PART NO.	#	A
BLPT1255TP	T55	2 5/16
BLPT1260TP	T60	2 5/16

### 1/2" Torx® Bit Socket, Long, Tamper Resistant

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards

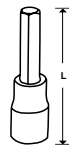


PART NO.	#	LENGTH (mm)
BLPTL1255TP	T55	120
BLPTL1260TP	T60	

### 1/2" Torx® Socket Driver

Packing: 6

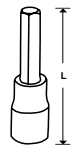
- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	#	LENGTH (mm)
BLPT1220	T20	37
BLPT1225	T25	
BLPT1227	T27	
BLPT1230	T30	
BLPT1240	T40	
BLPT1245	T45	
BLPT1250	T50	
BLPT1255	T55	
BLPT1260	T60	

### 1/2" Torx® Socket Driver, Long

Packing: 6



PART NO.	#	LENGTH (mm)
BLPTL1220	T20	100
BLPTL1225	T25	
BLPTL1227	T27	
BLPTL1230	T30	
BLPTL1240	T40	
BLPTL1245	T45	
BLPTL1250	T50	
BLPTL1255	T55	
BLPTL1260	T60	

## 1/2" Hex Socket Driver

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards

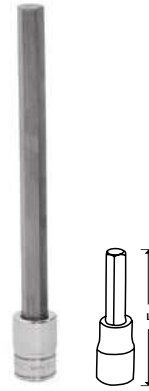


PART NO.	SIZE (mm)	LENGTH (mm)
BLPH123	3	36.5
BLPH124	4	
BLPH125	5	
BLPH126	6	
BLPH127	7	
BLPH128	8	
BLPH1210	10	
BLPH1212	12	
BLPH1214	14	
BLPH1217	17	
BLPH1219	19	
BLPH125L180	5	180
BLPH126L70	6	70
BLPH126L140	6	140
BLPH126L250	6	250
BLPH128L120	8	120
BLPH1210L140	10	140

## 1/2" Hex Socket Driver, Long

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	SIZE (mm)	LENGTH (mm)
BLPHL124	4	100
BLPHL125	5	
BLPHL126	6	
BLPHL127	7	
BLPHL128	8	
BLPHL1210	10	
BLPHL1212	12	
BLPHL1214	14	
BLPHL1217	17	

## 1/2" Triple Square Socket Driver

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	SIZE	LENGTH (mm)
BLPXZNM125	M5	37
BLPXZNM126	M6	
BLPXZNM128	M8	
BLPXZNM1210	M10	
BLPXZNM1212	M12	
BLPXZNM1214	M14	
BLPXZNM1216	M16	

## 1/2" Breaker Bar

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	LENGTH (mm)
BLPBB1210	254
BLPBB1215	381
BLPBB1224AP	605

## 1/2" Sliding T-Handle

BLPSTHD1215 Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	LENGTH (mm)
BLPSTHD1215	381

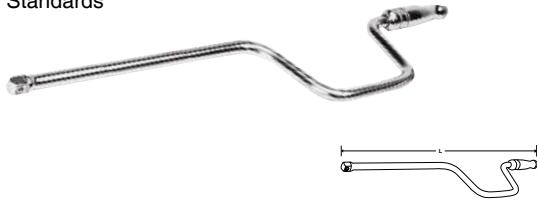


### 1/2" Speeder

BLPS12

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards

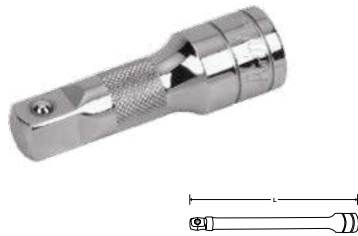


PART NO.	LENGTH (mm)
BLPS12	457

### 1/2" Extension, Knurled

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	LENGTH (mm)
BLPEXTK123	76
BLPEXTK125	127
BLPEXTK126	152
BLPEXTK1210	254

### 1/2" Universal Joint

BLPUJ12

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	LENGTH (mm)
BLPUJ12	70

### 1/2" Sliding Head

BLPSH1238

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	LENGTH (mm)
BLPSH1238	37

### 1/2" Locking Extension

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	LENGTH (mm)
SXLBP3	76
SXLBP6	152
SXLBP10	254

### 1/2" Adaptor

BLPAFM1238

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	INTERNAL SQ. DRIVE (inches)	EXTERNAL SQ. DRIVE (inches)
BLPAFM1238	1/2	3/8

### 1/2" Impact Socket, Shallow, mm, 6-Point

Packing: 6

- Designed for maximum engagement on 6-point fasteners
- Suitable for use with pneumatic and electric impact wrenches
- Specially heat treated for impact use to provide long life, safety, and durability
- Drive end features pin retention hole and groove



PART NO.	SIZE (mm)	PART NO.	SIZE (mm)
BLPSMIM1210	10	BLPSMIM1219	19
BLPSMIM1211	11	BLPSMIM1221	21
BLPSMIM1212	12	BLPSMIM1222	22
BLPSMIM1213	13	BLPSMIM1223	23
BLPSMIM1214	14	BLPSMIM1224	24
BLPSMIM1215	15	BLPSMIM1227	27
BLPSMIM1216	16	BLPSMIM1229	29
BLPSMIM1217	17	BLPSMIM1230	30
BLPSMIM1218	18	BLPSMIM1232	32

### 1/2" Impact Socket, Shallow, Inches, 6-Point

Packing: 6

- Designed for maximum engagement on 6-point fasteners
- Suitable for use with pneumatic and electric impact wrenches
- Specially heat treated for impact use to provide long life, safety, and durability
- Drive end features pin retention hole and groove



PART NO.	SIZE (inches)	PART NO.	SIZE (inches)
BLPSIM1238	3/8	BLPSIM1278	7/8
BLPSIM12716	7/16	BLPSIM121516	15/16
BLPSIM1212	1/2	BLPSIM121	1
BLPSIM12916	9/16	BLPSIMB121116	1 1/16
BLPSIM1258	5/8	BLPSIMB12118	1 1/8
BLPSIM121116	11/16	BLPSIMB12114	1 1/4
BLPSIM1234	3/4	BLPSIMB121516	1 5/16
BLPSIM121316	13/16	BLPSIMB121716	1 7/16

### 1/2" Impact Socket, Deep, mm, 6-Point

Packing: 6

- Designed for maximum engagement on 6-point fasteners
- Suitable for use with pneumatic and electric impact wrenches
- Specially heat treated for impact use to provide long life, safety, and durability
- Drive end features pin retention hole and groove



PART NO.	SIZE (mm)	PART NO.	SIZE (mm)
BLPLSMIM1210	10	BLPLSMIM1219	19
BLPLSMIM1211	11	BLPLSMIM1221	21
BLPLSMIM1212	12	BLPLSMIM1222	22
BLPLSMIM1213	13	BLPLSMIM1224	24
BLPLSMIM1214	14	BLPLSMIM1226	26
BLPLSMIM1215	15	BLPLSMIM1227	27
BLPLSMIM1216	16	BLPLSMIM1229	29
BLPLSMIM1217	17	BLPLSMIM1230	30
BLPLSMIM1218	18	BLPLSMIM1232	32

### 1/2" Impact Socket, Deep, Inches, 6-Point

Packing: 6

- Designed for maximum engagement on 6-point fasteners
- Suitable for use with pneumatic and electric impact wrenches
- Specially heat treated for impact use to provide long life, safety, and durability
- Drive end features pin retention hole and groove



PART NO.	SIZE (inches)	PART NO.	SIZE (inches)
BLPLSIM1238	3/8	BLPLSIM1278	7/8
BLPLSIM12716	7/16	BLPLSIM121516	15/16
BLPLSIM1212	1/2	BLPLSIM121	1
BLPLSIM12916	9/16	BLPLSIMB121116	1 1/16
BLPLSIM1258	5/8	BLPLSIMB12118	1 1/8
BLPLSIM121116	11/16	BLPLSIMB121316	1 3/16
BLPLSIM1234	3/4	BLPLSIMB12114	1 1/4
BLPLSIM121316	13/16		

### 4-Lug Extension Spindle Nut Socket

SNS3195

Packing: 1

- For high-shear rotating nuts
- 1/2-ton Dana 80 axle
- Socket I.D.: 2-3/8"



### 1/2" Universal Joints

BLPJIM12

Packing: 6

- Specially heat treated for impact use to provide long life, safety, and durability
- Suitable for use with pneumatic and electric impact wrenches
- Drive end features pin retention hole and groove



PART NO.	SIZE (inches)
BLPJIM12	1/2 male x 1/2 female

### Flip Impact Socket Set, 4pcs

BLPFIM12S

Packing: 1

- 3 - 1/2"DR. Flip Impact Socket –
- - 13/16" \* 3/4", 17mm \* 19mm, 21mm \* 7/8"
- 1 - 1/2"Extension
- 3" Material: Cr-Mo
- Packaging: BMC + Color Sleeve
- Can be used with extended anvil impact wrenches providing users with more options



### 1/2" Impact Adaptor

Packing: 6

- Specially heat treated for impact use to provide long life, safety, and durability
- Suitable for use with pneumatic and electric impact wrenches
- Drive end features pin retention hole and groove



BLPAIM3412



BLPAIM3812

PART NO.	SIZE (inches)
BLPAIM3412	3/4 male x 1/2 female
BLPAIM3812	3/8 male x 1/2 female

### Plastic Lug Socket Set

BLPIM12S3P

Packing: 1

- 3 sizes: 17 mm (Blue), 19 mm (Yellow), 21 mm (Red)
- Material: Cr-Mo
- Length: 85 mm
- Laser marking for easy identification
- 1/2" Drive, thin wall deep impact socket set
- Plastic lug to protect against damage to wheel hub



### 1/2" Extension

Packing: 6

- Specially heat treated for impact use to provide long life, safety, and durability
- Suitable for use with pneumatic and electric impact wrenches
- Drive end features pin retention hole and groove



PART NO.	SIZE (inches)
BLPEXIM123	3
BLPEXIM125	5
BLPEXIM126	6
BLPEXIM1210	10

## 3/4" Quick Release Ratchet

BPRSR942

Packing: 6

- Features quick release button for rapid socket/accessory changes, even with greasy or oily hands
- Contoured handle for comfort and control
- Chrome finish for easy clean-up
- All ratchets in series meet or exceed ANSI B107-10M-1996 specifications



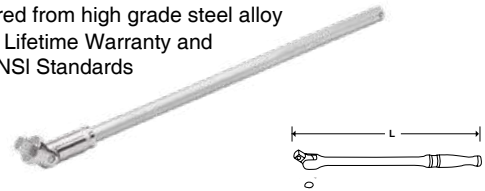
PART NO.	SQ. DRIVE (inches)	LENGTH (mm)
BPRSR942	3/4	508

## 3/4" L-Shape Wrench

BLPLW3415

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	LENGTH (mm)
BLPLW3415	381

## 3/4" Breaker Bar

BLPBB3419

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards

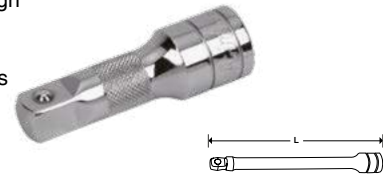


PART NO.	LENGTH (mm)
BLPBB3419	483

## 3/4" Extension

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	LENGTH (mm)
BLPEXT344	102
BLPEXT348	203
BLPEXT3416	406

## 3/4" Sliding T-Handle

BLPSTHD3418

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	LENGTH (mm)
BLPSTHD3418	457

## 3/4" Universal Joint

BLPUJ34

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	LENGTH (mm)
BLPUJ34	110

### 3/4" Socket, mm, 6-Point

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	SIZE (mm)	LENGTH (mm)
BLPM3419	19	50
BLPM3420	20	
BLPM3421	21	
BLPM3422	22	
BLPM3423	23	
BLPM3424	24	51
BLPM3425	25	52
BLPM3426	26	
BLPM3427	27	
BLPM3428	28	
BLPM3429	29	
BLPM3430	30	54
BLPM3432	32	56
BLPM3433	33	
BLPM3434	34	
BLPM3435	35	58
BLPM3436	36	
BLPM3438	38	60
BLPM3441	41	64
BLPM3446	46	66
BLPM3450	50	70
BLPM3455	55	76
BLPM3460	60	78

### 3/4" Socket, mm, 12-Point

Packing: 6

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards



PART NO.	SIZE (mm)	LENGTH (mm)
BLPDM3419	19	47
BLPDM3421	21	
BLPDM3422	22	
BLPDM3423	23	50
BLPDM3424	24	
BLPDM3425	25	53
BLPDM3426	26	
BLPDM3427	27	
BLPDM3428	28	
BLPDM3429	29	
BLPDM3430	30	58
BLPDM3432	32	
BLPDM3433	33	60
BLPDM3434	34	
BLPDM3435	35	
BLPDM3436	36	63
BLPDM3438	38	
BLPDM3441	41	66
BLPDM3446	46	68
BLPDM3450	50	69
BLPDM3455	55	
BLPDM3460	60	72

### 3/4" Impact Socket, Shallow, mm, 6-Point

Packing: 6

- Designed for maximum engagement on 6-point fasteners
- Suitable for use with pneumatic and electric impact wrenches
- Specially heat treated for impact use to provide long life, safety, and durability
- Drive end features pin retention hole and groove



PART NO.	SIZE (mm)	PART NO.	SIZE (mm)
BLPSMIM3417	17	BLPSMIM3439	39
BLPSMIM3418	18	BLPSMIM3440	40
BLPSMIM3419	19	BLPSMIM3441	41
BLPSMIM3420	20	BLPSMIM3442	42
BLPSMIM3421	21	BLPSMIM3443	43
BLPSMIM3422	22	BLPSMIM3444	44
BLPSMIM3423	23	BLPSMIM3445	45
BLPSMIM3424	24	BLPSMIM3446	46
BLPSMIM3425	25	BLPSMIM3447	47
BLPSMIM3426	26	BLPSMIM3448	48
BLPSMIM3427	27	BLPSMIM3449	49
BLPSMIM3428	28	BLPSMIM3450	50
BLPSMIM3429	29	BLPSMIM3452	52
BLPSMIM3430	30	BLPSMIM3454	54
BLPSMIM3431	31	BLPSMIM3455	55
BLPSMIM3432	32	BLPSMIM3456	56
BLPSMIM3433	33	BLPSMIM3457	57
BLPSMIM3434	34	BLPSMIM3458	58
BLPSMIM3435	35	BLPSMIM3459	59
BLPSMIM3436	36	BLPSMIM3460	60
BLPSMIM3437	37	BLPSMIM3463	63
BLPSMIM3438	38	BLPSMIM3465	65

### 3/4" Impact Socket, Shallow, Inches, 6-Point

Packing: 6

- Designed for maximum engagement on 6-point fasteners
- Suitable for use with pneumatic and electric impact wrenches
- Specially heat treated for impact use to provide long life, safety, and durability
- Drive end features pin retention hole and groove



PART NO.	SIZE (inches)
BLPSIM341116	11/16
BLPSIM3434	3/4
BLPSIM341316	13/16
BLPSIM3478	7/8
BLPSIM341516	15/16
BLPSIM341	1
BLPSIMB341116	1 1/16
BLPSIMB34118	1 1/8
BLPSIMB341316	1 3/16
BLPSIMB34114	1 1/4
BLPSIMB341516	1 5/16
BLPSIMB34138	1 3/8
BLPSIMB341716	1 7/16
BLPSIMB34112	1 1/2
BLPSIMB341916	1 9/16
BLPSIMB34158	1 5/8
BLPSIMB3411116	1 11/16
BLPSIMB34134	1 3/4
BLPSIMB3411316	1 13/16
BLPSIMB34178	1 7/8
BLPSIMB3411516	1 15/16
BLPSIMB342	2



### 3/4" Impact Socket, Deep, mm, 6-Point

Packing: 6

- Designed for maximum engagement on 6-point fasteners
- Suitable for use with pneumatic and electric impact wrenches
- Specially heat treated for impact use to provide long life, safety, and durability
- Drive end features pin retention hole and groove



PART NO.	SIZE (mm)	PART NO.	SIZE (mm)
BLPLSMIM3417	17	BLPLSMIM3434	34
BLPLSMIM3418	18	BLPLSMIM3435	35
BLPLSMIM3419	19	BLPLSMIM3436	36
BLPLSMIM3420	20	BLPLSMIM3437	37
BLPLSMIM3421	21	BLPLSMIM3438	38
BLPLSMIM3422	22	BLPLSMIM3440	40
BLPLSMIM3423	23	BLPLSMIM3441	41
BLPLSMIM3424	24	BLPLSMIM3442	42
BLPLSMIM3425	25	BLPLSMIM3443	43
BLPLSMIM3426	26	BLPLSMIM3444	44
BLPLSMIM3427	27	BLPLSMIM3445	45
BLPLSMIM3428	28	BLPLSMIM3446	46
BLPLSMIM3429	29	BLPLSMIM3447	47
BLPLSMIM3430	30	BLPLSMIM3448	48
BLPLSMIM3431	31	BLPLSMIM3449	49
BLPLSMIM3432	32	BLPLSMIM3450	50
BLPLSMIM3433	33	BLPLSMIM3455	55

### 3/4" Impact Adaptor

BLPAIM1234

Packing: 6

- Specially heat treated for impact use to provide long life, safety, and durability
- Suitable for use with pneumatic and electric impact wrenches
- Drive end features pin retention hole and groove



PART NO.	SIZE (inches)
BLPAIM1234	1/2 male x 3/4 female

### 3/4" Impact Adaptor

BLPAIM134

Packing: 6

- Specially heat treated for impact use to provide long life, safety, and durability
- Suitable for use with pneumatic and electric impact wrenches
- Drive end features pin retention hole and groove



PART NO.	SIZE (inches)
BLPAIM134	1 male x 3/4 female

### 3/4" Universal Joint

BLPJIM34

Packing: 6

- Specially heat treated for impact use to provide long life, safety, and durability
- Suitable for use with pneumatic and electric impact wrenches
- Drive end features pin retention hole and groove



PART NO.	SIZE (inches)
BLPJIM34	3/4 male x 3/4 female

### 3/4" Extension

BLPEXIM343

Packing: 6

- Specially heat treated for impact use to provide long life, safety, and durability
- Suitable for use with pneumatic and electric impact wrenches
- Drive end features pin retention hole and groove



PART NO.	SIZE (inches)	PART NO.	SIZE (inches)
BLPEXIM343	3 1/2	BLPEXIM348	8
BLPEXIM344	4	BLPEXIM3410	10
BLPEXIM346	6	BLPEXIM3413	13
BLPEXIM347	7		

### 1" Impact Socket, Shallow, mm, 6-Point

Packing: 6

- Designed for maximum engagement on 6-point fasteners
- Suitable for use with pneumatic and electric impact wrenches
- Specially heat treated for impact use to provide long life, safety, and durability
- Drive end features pin retention hole and groove



PART NO.	SIZE (mm)
BLPSMIM117	17
BLPSMIM118	18
BLPSMIM119	19
BLPSMIM120	20
BLPSMIM121	21
BLPSMIM122	22
BLPSMIM123	23
BLPSMIM124	24
BLPSMIM125	25
BLPSMIM126	26
BLPSMIM127	27
BLPSMIM128	28
BLPSMIM129	29
BLPSMIM130	30
BLPSMIM131	31
BLPSMIM132	32
BLPSMIM133	33
BLPSMIM134	34
BLPSMIM135	35
BLPSMIM136	36
BLPSMIM137	37
BLPSMIM138	38
BLPSMIM139	39
BLPSMIM140	40
BLPSMIM141	41

PART NO.	SIZE (mm)
BLPSMIM142	42
BLPSMIM143	43
BLPSMIM144	44
BLPSMIM145	45
BLPSMIM146	46
BLPSMIM147	47
BLPSMIM148	48
BLPSMIM149	49
BLPSMIM150	50
BLPSMIM151	51
BLPSMIM152	52
BLPSMIM153	53
BLPSMIM154	54
BLPSMIM155	55
BLPSMIM156	56
BLPSMIM157	57
BLPSMIM158	58
BLPSMIM159	59
BLPSMIM160	60
BLPSMIM163	63
BLPSMIM165	65
BLPSMIM167	67
BLPSMIM168	68
BLPSMIM169	69

### 1" Impact Socket, Deep, mm, 6-Point

Packing: 6

- Designed for maximum engagement on 6-point fasteners
- Suitable for use with pneumatic and electric impact wrenches
- Specially heat treated for impact use to provide long life, safety, and durability
- Drive end features pin retention hole and groove



PART NO.	SIZE (mm)
BLPLSMIM117	17
BLPLSMIM118	18
BLPLSMIM119	19
BLPLSMIM120	20
BLPLSMIM121	21
BLPLSMIM122	22
BLPLSMIM123	23
BLPLSMIM124	24
BLPLSMIM125	25
BLPLSMIM126	26
BLPLSMIM127	27
BLPLSMIM128	28
BLPLSMIM129	29
BLPLSMIM130	30
BLPLSMIM131	31

PART NO.	SIZE (mm)
BLPLSMIM132	32
BLPLSMIM133	33
BLPLSMIM134	34
BLPLSMIM135	35
BLPLSMIM136	36
BLPLSMIM137	37
BLPLSMIM138	38
BLPLSMIM140	40
BLPLSMIM141	41
BLPLSMIM142	42
BLPLSMIM143	43
BLPLSMIM146	46
BLPLSMIM149	49
BLPLSMIM150	50
BLPLSMIM155	55





## 1" Extension

Packing: 6

- Specially heat treated for impact use to provide long life, safety, and durability
- Suitable for use with pneumatic and electric impact wrenches
- Drive end features pin retention hole and groove



PART NO.	SIZE (inches)
BLPEXIM17	7
BLPEXIM113	13

## 1" Impact Adaptor

Packing: 6

- Specially heat treated for impact use to provide long life, safety, and durability
- Suitable for use with pneumatic and electric impact wrenches
- Drive end features pin retention hole and groove



PART NO.	SIZE (inches)
BLPAIM1121	1 1/2 male x 1 female

## 1" Universal Joint

BLPJIM1

Packing: 6

- Specially heat treated for impact use to provide long life, safety, and durability
- Suitable for use with pneumatic and electric impact wrenches
- Drive end features pin retention hole and groove



PART NO.	SIZE (inches)
BLPJIM1	7

## Impact Socket Pin and Rubber Ring

Packing: 1

- Fits both standard and deep impact sockets
- Accident proof ring and pin
- Suitable for electric and pneumatic tools
- Secures impact socket to main shaft of impact wrench



PART NO.	INTERNAL SQ. DRIVE (inches)	EXTERNAL SQ. DRIVE (inches)
BLP34RPRR1750	3/4"	17-50
BLP34RPRR5270	3/4"	52-70
BLP1RPRR1770	1"	17-70

## 1" Impact Adaptor

BLPAIM341

Packing: 6

- Specially heat treated for impact use to provide long life, safety, and durability
- Suitable for use with pneumatic and electric impact wrenches
- Drive end features pin retention hole and groove



PART NO.	SIZE (inches)
BLPAIM341	3/4 male x 1 female

# TORQUE TOOLS



*Blue-Point*™



*Blue-Point*<sup>®</sup>

Unmatched Accuracy & Precision

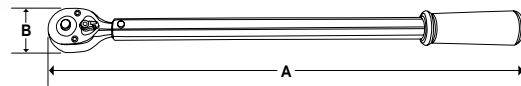
**Adjustable Click-Type Torque Wrench**



## Adjustable Click-Type Torque Wrench

Packing: 1

- Dual scale, calibrated dual direction
- Positive lock with spring loaded pull down lock ring
- Fast, accurate and easy to set
- Easy-to-read laser marked scales
- Most feature quick release buttons which provide good socket retention as well as easy socket removal
- Accuracy:  $\pm 3\%$  CW  $\pm 4\%$  CCW of indicated value, CW, from 20% to 100% of full scale
- Meets or exceeds ASME B107.14-2004, ISO 6789 standards
- Individually serialized with matching certificate of calibration traceable to N.I.S.T.



PART NO.	SQ. DRIVE (inches)	RANGE (Nm)	RANGE (ft.lb.)	INCREMENT (Nm)	A (mm)	B (mm)	WEIGHT (g)
BP501NMRMH	1/4	1.0 - 5.0	1 - 4	0.06	258	27	386
BP2502NMRMH	3/8	4.0 - 27.7	3 - 20	0.12	286	27	431
BP602NMRMH	3/8	10 - 60	8 - 45	0.5	406	36	1,134
BP1002NMRMH	3/8	20 - 100	15 - 75	0.5	406	36	1,134
BP2003NMRMH	1/2	40 - 200	30 - 147.5	2	483	43	1,474
BP3403NMRMH	1/2	60 - 340	45 - 250	2	620	43	1,542
BP8004NMRMH	3/4	150 - 800	110 - 600	5	1,067	64	5,375
BP15005NMRMH	1	300 - 1500	220 - 1100	10	1,778	76	11,385

## Preset Click-Type Torque Wrench

Packing: 1

- All parts are made of alloy steel for maximum life and calibration retention
- Square drives meet industrial requirements and government specifications
- Torques in both left and right hand directions
- Accuracy:  $\pm 3\%$  CW  $\pm 4\%$  CCW of indicated value
- Automatic re-set when force on handle is released
- Torque limiting positive sensory "click" when pre-set
- Smooth knurled steel hand hold for comfortable, safe grip
- Handle length proportioned to torque range of wrench for minimum user fatigue
- Tamper proof torque setting for production line use
- Torque values can be calibrated in English and Metric settings

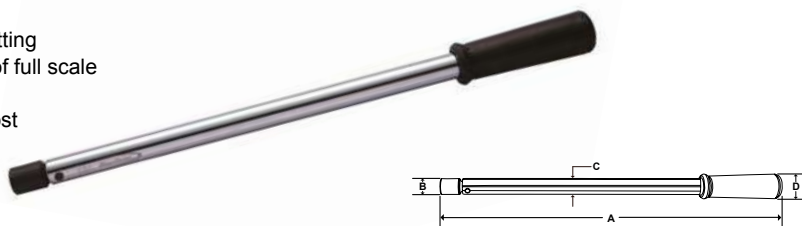


PART NO.	SQ. DRIVE (inches)	RANGE (Nm)	RANGE (ft.lb.)	RANGE (in.lb.)	RANGE (M Kg)	LENGTH (mm)	WEIGHT (g)
BP5T-1R	1/4	1.4 - 5.4	1 - 5	12 - 60	0.10 - 0.70	165	227
BP10T-2R	3/8	3.9 - 27.7	3 - 9	36 - 108	0.42 - 1.24	184	397
BP50T-2R	3/8	10.2 - 98.3	10 - 50	120 - 600	1.25 - 7.00	292	680
BP100T-3R	1/2	34 - 197	45 - 150	540 - 1800	6.00 - 20.00	502	1,247
BP200T-3R	1/2	47 - 272	45 - 200	540 - 2400	6.00 - 27.00	603	1,361
BP300T-4R	3/4	85 - 400	100 - 300	1200 - 3600	14.00 - 42.00	711	2,155
BP600T-4R	3/4	280 - 830	200 - 600	2400 - 7200	28.00 - 83.00	1,321	5,443

## Preset Click-Type Torque Wrench, Interchangeable Head

Packing: 1

- 8 models available with torque ranges from 10 in.lb. to 600 ft.lb.
- Featuring a durable, non-slip cushion grip
- Uses universal round shank heads
- Audible click and feel impulse torque control mechanism
- Tamper proof torque setting for production line use
- Torque values can be calibrated in English or metric setting
- Accuracy:  $\pm 4\%$  of indicated value, from 20% to 100% of full scale
- Meets or exceeds ASME B107.14-2004, ISO 6789
- Optional Calibration certificate available at additional cost



PART NO.	SHANK SIZE	ENGLISH RANGE	RANGE (Nm)	A (mm)	B (mm)	C (mm)	D (mm)	WEIGHT (g)
BP5T-I	J	10 - 50 in.lb.	1.1 - 5.6	165	16	15	25	159
BP10T-I	J	50 - 250 in.lb.	5.6 - 28	254	16	15	25	249
BP10ST-I	J	60 - 300 in.lb.	6.8 - 34	157	17	22	36	340
BP50T-I	J	15 - 75 ft.lb.	20 - 102	279	17	22	36	635
BP100T-I	Y	30 - 150 ft.lb.	41 - 203	495	24	22	36	1,043
BP200T-I	Y	40 - 200 ft.lb.	54 - 271	597	24	22	36	1,179
BP300T-I	X	100 - 300 ft.lb.	135 - 406	704	28	25	36	1,769
BP600T-I	Z	120 - 600 ft.lb.	162 - 814	1,397	38	32	32	4,740

## Ratcheting Interchangeable Head

Allows use of torque wrench bodies with sockets, crowfoot wrenches, or other similar attachment

Center of fastener to retaining pin:

- \* J Series - 2.50"
- \* Y Series - 3.00"
- \* X Series - 4.50"
- \* Z Series - 5.75"



\* U.S. Patent 6,125,722 applies to these ratchet heads. Value in parentheses in chart is the Maximum Recommended Working Torque, in.lb.

SQ. DRIVE (inches)	SHANK SIZE J	SHANK SIZE Y	SHANK SIZE X	SHANK SIZE Z	HEAD O.D. (mm)	DEPTH (mm)	RATCHET SERVICE KIT
1/4	QJD8A-72* (350)	—	—	—	3	3.5	RKRT936
3/8	QJD12A* (900)	QYD12A* (1,200)	—	—	17	4.4	RKRF936
1/2	QJD16A* (900)	QYD16A* (2,400)	QXD16A* (3,000)	—	17	4.4	RKRS936
3/4	—	—	QXD24A (3,600)	QZD24B (7,200)	20	4.4	RKRQC4
1	—	—	QXD32A (3,600)	QZD32B (7,200)	20	4.4	RKRQC5

## Open End Head, mm



Value in parentheses in chart is the Maximum Recommended Working Torque, in.lb.

mm	SHANK SIZE J	SHANK SIZE Y	SHANK SIZE X	SHANK SIZE Z	HEAD O.D. (mm)	HEAD DEPTH (mm)
6	QJOM6A (60)	—	—	—	13.5	3.6
7	QJOM7A (75)	—	—	—	13.5	3.6
8	QJOM8A (120)	—	—	—	16.5	3.3
9	QJOM9A (170)	—	—	—	19.8	4.8
10	QJOM10A (265)	—	—	—	19.8	4.8
11	QJOM11A (400)	—	—	—	22.9	5.6
12	QJOM12A (430)	—	—	—	26.9	6.1
13	QJOM13A (495)	—	—	—	26.9	6.1
14	QJOM14A (665)	QYOM14A (665)	—	—	29.5	6.6
15	QJOM15A (885)	QYOM15A (885)	—	—	33.3	6.9
16	QJOM16A (900)	QYOM16A (1,060)	—	—	33.3	6.9
17	QJOM17A (900)	QYOM17A (1,235)	—	—	37.1	7.3
18	QJOM18A (900)	QYOM18A (1,375)	QXOM18A (1,375)	—	37.1	7.3
19	QJOM19A (900)	QYOM19A (1,650)	QXOM19A (1,650)	—	40.4	7.6

mm	SHANK SIZE J	SHANK SIZE Y	SHANK SIZE X	SHANK SIZE Z	HEAD O.D. (mm)	HEAD DEPTH (mm)
20	—	QYOM20A (1,925)	QXOM20A (1,925)	—	43.7	9.2
21	QJOM21A (900)	QYOM21A (2,160)	QXOM21A (2,160)	—	43.7	9.2
22	QJOM22A (900)	QYOM22A (2,400)	QXOM22A (2,470)	—	43.7	9.2
23	QJOM23A (900)	QYOM23A (2,400)	QXOM23A (2,745)	—	47	10
24	QJOM24A (900)	QYOM24A (2,400)	QXOM24A (2,970)	QZOM24A (2,970)	49	11
25	QJOM25A (900)	QYOM25A (2,400)	—	QZOM25A (3,295)	52	11
26	QJOM26A (900)	—	QXOM26A (3,570)	QZOM26A (3,570)	53	11
27	QJOM27A (900)	QYOM27A (2,400)	—	QZOM27A (3,825)	55	12
29	—	QYOM29A (2,400)	QXOM29A (3,600)	QZOM29A (4,550)	58	12
30	—	QYOM30A (2,400)	QXOM30A (3,600)	QZOM30A (4,950)	61	13
32	—	QYOM32A (2,400)	QXOM32A (3,600)	QZOM32A (5,755)	65	14
34	—	QYOM34A (2,400)	QXOM34A (3,600)	QZOM34A (6,595)	68	14
36	—	QYOM36A (2,400)	QXOM36A (3,600)	QZOM36A (7,200)	74	15

## COMPUTORQ 3 Digital Torque Wrench

- Uses CR123 replaceable batteries
- Audible tone indication



**1 Flexibility**  
15° flexible  
ratchet head



**2 Accurate Reading**  
Real-time torque readings



**3 LED Indicators**  
3-colour LED  
light indicators



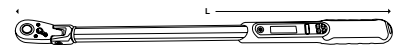
**4 Comfort**  
Ergonomic handle



## COMPUTORQ 3 Digital Torque Wrench

Packing: 1

- Sleek new design
- 15° flex ratcheting head
- Push button socket release head
- Large, easy to read digital display
- Long battery life, uses 2 each CR123 lithium batteries
- Ergonomically designed molded non-slip rubber grip
- Torques in both clockwise and counterclockwise directions
- Battery saving auto-shutoff after two minutes
- COMPUTORQ 3 remembers last unit and torque setting selected
- Audible tone sounds when set torque value is reached, if the set torque value is exceeded, an alarm tone will sound
- 3 color LED light bar:
  - YELLOW LED indicates approaching desired torque setting
  - GREEN LED indicates desired torque value is reached
  - RED LED indicates fastener was overtorqued, loosen and retighten
- When desired torque value is reached, display will hold value and flash for ten seconds
- COMPUTORQ 3 will operate in any of four torque units, foot pound (ft.lb.), inch pound (in.lb.), newton meter (Nm) or kilogram centimeter (kg.cm.)
- ACCURACY:
  - ± 2% CW of readings from 10% to 100% of full scale
  - ± 3% CCW of readings from 20% to 100% of full scale
- N.I.S.T. traceable certificate of calibration included
- Meets or exceeds ASME B107.28 - 2005



PART NO.	SQ. DRIVE (inches)	RANGE (ft.lb.)	RANGE (in.lb.)	RANGE (Nm)	RANGE (kg.cm.)	LENGTH (mm)	WEIGHT (g)
BP2401CI3	1/4	2.0 - 20.0	24 - 240	2.71 - 27.10	27.6 - 276	381	910
BP1002CF3	3/8	10.0 - 100.0	120 - 1200	13.6 - 135.6	138 - 1382	432	1,000
BP2503CF3	1/2	25 - 250	300 - 3000	33.8 - 338	345 - 3456	686	1,590

## Digital Torque Tester

- Remember last 500 cycle counts
- Audible tone signals



**1 Intuitive Display**  
LCD touchscreen with colour display

**2 Convenience**  
Uses disposable batteries and AC adaptor

**3 Precision**  
High accuracy of  $\pm 0.5\%$

## Digital Torque Tester

Packing: 1

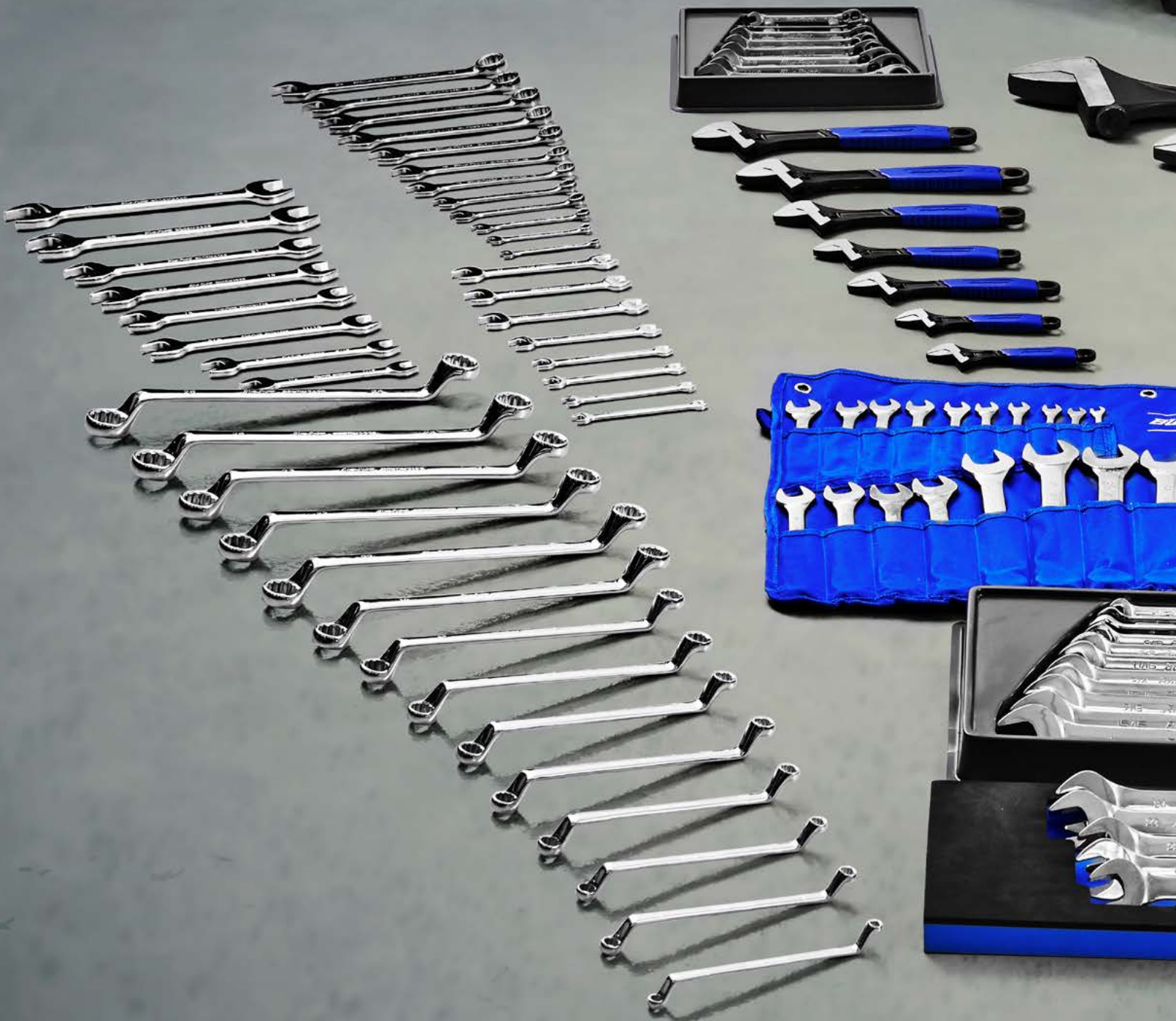
- Integral Transducer and sturdy housing allow mounting in virtually any position
- Integral Transducer: Full bridge strain gage, 350 ohm, 1500uE, 3mV/V F.S, 3.75 excitation
- Units of Torque: Nm, kg.cm., ft.lb., in.lb., in.oz.
- Audible (tone)
- Torque Accuracy:  $\pm 0.5\% \pm 1\%$  count CW and CCW from 10% to 100% of full scale at 25° C
- LCD Touch Screen: 4.7 inch color graphics display
- Screen resolution: 480 X 272 pixels
- Display Accuracy: 4 digits, 500 cycle counts
- 6 "AA" Alkaline cells for battery power included
- Track, Peak and First Peak modes of operation
- Operating Temperature: 40° to 110° F (5° to 42° C)
- Storage Temperature: 0° to 122° F (-20° to 50° C)
- Humidity up to 85% non-condensing
- ISO-6789-2003 and ASME B107-28-2005 standards compliant
- Certificate of N.I.S.T. traceability from 10% to 100% of full scale
- Includes storage case, AC adapter and USB cable 110v - 220v
- Dates & times, serial numbers, required accuracy vs actual readings, percentage error & users of torque wrenches tested are stored



PART NO.	SQ. DRIVE (inches)	ENGLISH RANGE	RANGE (Nm)
BP1001-O-DTT	1/4	10 - 100 in.oz.	0.07 - 0.706
BP501-I-DTT	1/4	5 - 50 in.lb.	0.56 - 5.65
BP2502-I-DTT	3/8	25 - 250 in.lb.	2.82 - 28.25
BP2503-F-DTT	1/2	25 - 250 ft.lb.	33.90 - 338.9
BP6004-F-DTT	3/4	60 - 600 ft.lb.	81.35 - 813.5
BP10002-I-DTT	3/8	100 - 1000 in.lb.	11.3 - 113

# WRENCHES

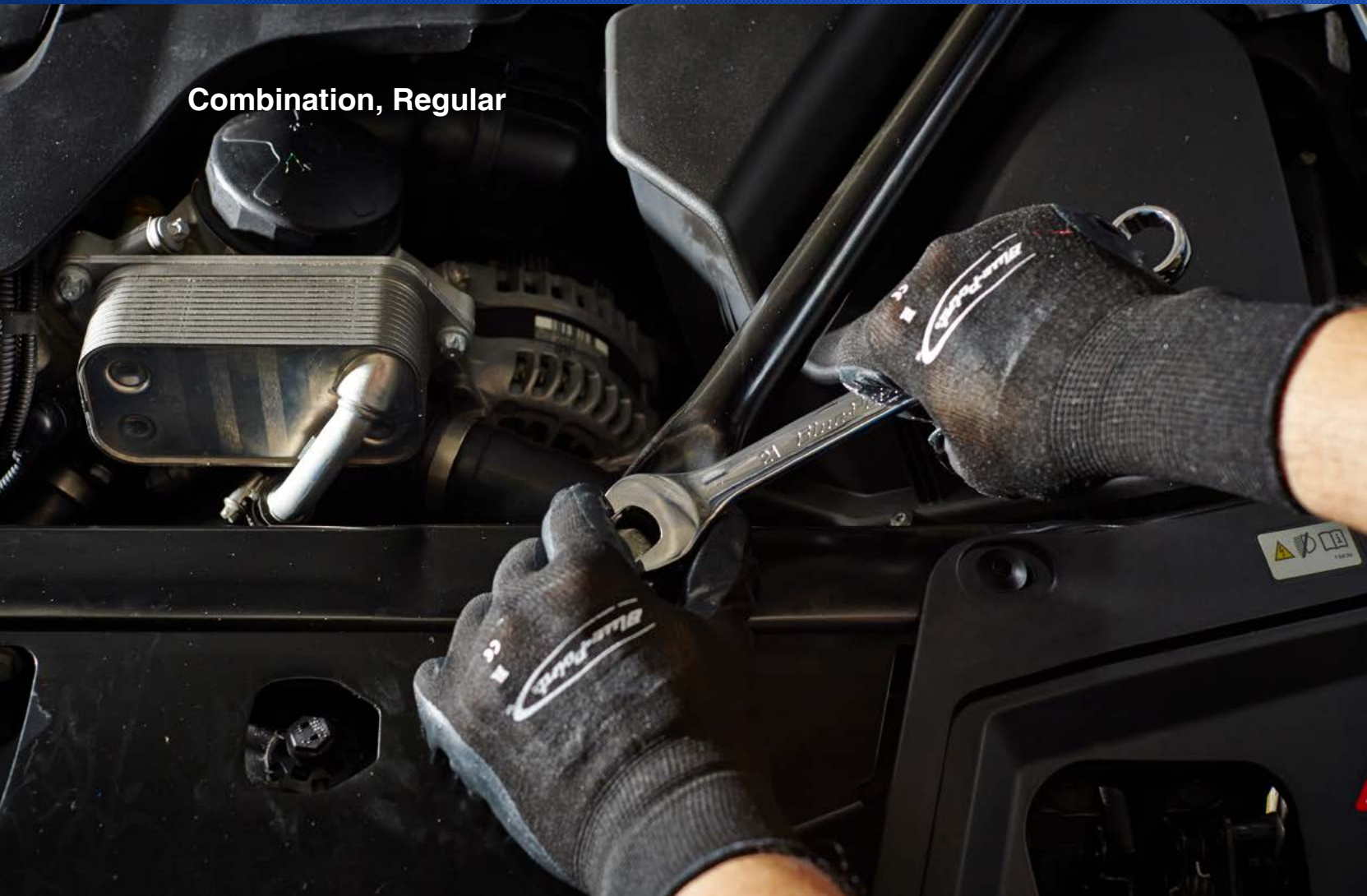
Wide Range For Access In Turning



*Blue-Point*<sup>®</sup>



## Combination, Regular



### Combination Wrench Set

BLPCWS23

Packing: 1 (Set)

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards
- Set in pouch packaging



PART NO.	CONTENTS
BLPCWS23	Combination Wrenches Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 30, 32 mm

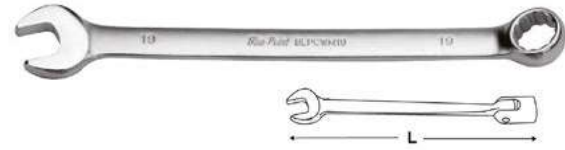


## Combination, Long

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards

Packing: 6

PART NO.	mm	L (mm)
BLPCWM36	36	432
BLPCWM38	38	432
BLPCWM41	41	445
BLPCWM46	46	483



## Combination, Regular

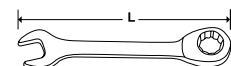
- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards
- New high polish

Packing: 6



PART NO.	mm	L (mm)
BLPCWM6AP	6	104
BLPCWM7AP	7	110
BLPCWM8AP	8	120
BLPCWM9AP	9	125
BLPCWM10AP	10	135
BLPCWM11AP	11	144
BLPCWM12AP	12	155
BLPCWM13AP	13	165
BLPCWM14AP	14	175
BLPCWM15AP	15	184
BLPCWM16AP	16	195
BLPCWM17AP	17	204
BLPCWM18AP	18	215
BLPCWM19AP	19	229

PART NO.	mm	L (mm)
BLPCWM20AP	20	239
BLPCWM21AP	21	249.8
BLPCWM22AP	22	249.8
BLPCWM23AP	23	269
BLPCWM24AP	24	269
BLPCWM25AP	25	290
BLPCWM26AP	26	290
BLPCWM27AP	27	310
BLPCWM28AP	28	330
BLPCWM29AP	29	330
BLPCWM30AP	30	330
BLPCWM32AP	32	350
BLPCWM34AP	34	350



## Adjustable Wrench Set, 3pcs

BLPADJ703

Packing: 3



PART NO.	CONTENTS
BLPADJ703	Adjustable Wrenches 15" GAJ15A, 18" GAJ18A, 24" GAJ24A

## Adjustable Wrench Set, 4pcs

BLPADJ404

Packing: 4

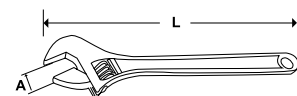


PART NO.	CONTENTS
BLPADJ404	Adjustable Wrenches 6" GAJ6A, 8" GAJ8A, 10" GAJ10A, 12" GAJ12A

## Adjustable Wrenches

- Wrench features a durable black phosphate finish
- Wide-open jaw design with polished head
- Heat treated steel alloy construction
- Inch scale laser etched on head face

PART NO.**	A (mm)	L (mm)	
GAJ4AP	13	108	6
GAJ6AP	25	160	6
GAJ8AP	29	210	6
GAJ10AP	33	260	6
GAJ12AP	38	310	6
GAJ15AP	43	385	4
GAJ18AP	52	450	2
GAJ24AP	62	610	1
GAJS30AP	85	778	1





## Adjustable Wrench Set, Soft Grip, 4pcs

BLPADJ404SG

Packing: 4

- Now the most popular Blue-Point® Adjustable Wrenches are available with soft grips
- Durable black phosphate finish
- Wide open jaw design with oversized capacity
- Laser-etched SAE/metric scale for easy determination of bolt size
- Soft Grip design for added comfort



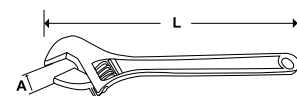
PART NO.	CONTENTS
BLPADJ404SG	Adjustable Wrenches, Soft Grip 6" GAJ6SG, 8" GAJ8SG, 10" GAJ10SG, 12" GAJ12SG

## Adjustable Soft Grip

Packing: 6

- Now the most popular Blue-Point® Adjustable Wrenches are available with soft grips
- Durable black phosphate finish
- Wide open jaw design with oversized capacity
- Laser-etched SAE/metric scale for easy determination of bolt size
- Soft Grip design for added comfort

PART NO.*	A (mm)	L (mm)
GAJ6SG	25	160
GAJ8SG	29	210
GAJ10SG	33	260
GAJ12SG	38	310



## Ring End Wrench Set, 12pcs

BBWDSMSET12

Packing: 1(Set)

- Features a Lifetime Warranty and exceeds ANSI Standards
- Manufactured from high grade steel alloy
- Set in pouch packaging
- New high polish



PART NO.	A (mm)	L (mm)
BBWDSM67	6 - 7	160
BBWDSM89	8 - 9	175
BBWDSM1011	10 - 11	190
BBWDSM1213	12 - 13	205
BBWDSM1415	14 - 15	228
BBWDSM1617	16 - 17	232

PART NO.	A (mm)	L (mm)
BBWDSM1819	18 - 19	246
BBWDSM2022	20 - 22	268
BBWDSM2123	21 - 23	315
BBWDSM2427	24 - 27	360
BBWDSM2528	25 - 28	360
BBWDSM3032	30 - 32	405

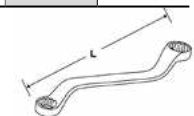
## 45° / 75° Offset Double Ring

Packing: 6



PART NO.		mm		L (mm)	
45	75				
BBWSM67	BBWDM67	6 - 7	6 - 7	165	168
BBWSM89	BBWDM89	8 - 9	8 - 9	175	183
BBWSM810	BBWDM810	8 - 10	8 - 10	185	183
BBWSM911	BBWDM1011	9 - 11	10 - 11	195	198
BBWSM1011	BBWDM1012	10 - 11	10 - 12	195	198
BBWSM1012	BBWDM1113	10 - 12	11 - 13	195	218
BBWSM1113	BBWDM1213	11 - 13	12 - 13	205	218
BBWSM1213	BBWDM1214	12 - 13	12 - 14	205	218
BBWSM1214	BBWDM1415	12 - 14	14 - 15	220	235
BBWSM1314	BBWDM1417	13 - 14	14 - 17	220	260
BBWSM1415	BBWDM1617	14 - 15	16 - 17	235	260
BBWSM1417	BBWDM1719	14 - 17	17 - 19	235	292
BBWSM1516	BBWDM1819	15 - 16	18 - 19	240	292
BBWSM1617	BBWDM1921	16 - 17	19 - 21	240	318
BBWSM1719	BBWDM1922	17 - 19	19 - 22	250	318

PART NO.		mm		L (mm)	
45	75				
BBWSM1819	BBWDM2022	18 - 19	20 - 22	250	318
BBWSM1921	BBWDM2123	19 - 21	21 - 23	270	330
BBWSM1922	BBWDM2224	19 - 22	22 - 24	270	330
BBWSM2022	BBWDM2326	20 - 22	23 - 26	270	346
BBWSM2122	BBWDM2426	21 - 22	24 - 26	290	346
BBWSM2123	BBWDM2427	21 - 23	24 - 27	290	346
BBWSM2224	BBWDM2528	22 - 24	25 - 28	320	355
BBWSM2326	BBWDM2430	23 - 26	24 - 30	360	355
BBWSM2426	BBWDM2730	24 - 26	27 - 30	360	355
BBWSM2427	BBWDM3032	24 - 27	30 - 32	360	372
BBWSM2528	BBWDM3436A	25 - 28	34 - 36	370	440
BBWSM2730		27 - 30		380	
BBWSM2732		27 - 32		380	
BBWSM3032		30 - 32		380	
BBWSM3436		34 - 36		405	



## Double Flex Socket Wrench Set, 8pcs

BLPBWRES8

Packing: 1 (Set)

- Higher Torque – 15% to 20% more turning power with Flank Drive wrenching system
- Flexible sockets wrench provides speed and accessibility to work round corners
- 12 point socket end gives great grip at either end making sure there is no slipping when tightening and loosening
- Manufactured from chrome vanadium steel for strength and durability
- Full polished chrome finish easily wipes clean of oil and dirt
- 2 sizes in one wrench
- Supplied in a canvas tool pouch for neat and easy storage and transportation



PART NO.	mm	L (mm)
BLPBWREF67	6 - 7	185
BLPBWREF89	8 - 9	185
BLPBWREF1011	10 - 11	200
BLPBWREF1213	12 - 13	220

PART NO.	mm	L (mm)
BLPBWREF1415	14 - 15	242
BLPBWREF1617	16 - 17	254
BLPBWREF1819	18 - 19	275
BLPBWREF2123	21 - 23	305

## Double Flex Socket Wrench

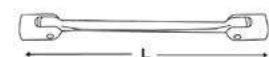
Packing: 10

- Higher Torque – 15% to 20% more turning power with Flank Drive wrenching system
- Flexible sockets wrench provides speed and accessibility to work round corners
- 12 point socket end gives great grip at either end making sure there is no slipping when tightening and loosening
- Manufactured from chrome vanadium steel for strength and durability
- Full polished chrome finish easily wipes clean of oil and dirt
- 2 sizes in one wrench



PART NO.	mm	L (mm)
BLPBWREF67	6 - 7	185
BLPBWREF89	8 - 9	185
BLPBWREF810	8 - 10	185
BLPBWREF1011	10 - 11	200
BLPBWREF1012	10 - 12	205
BLPBWREF1013	10 - 13	205
BLPBWREF1113	11 - 13	205
BLPBWREF1213	12 - 13	220
BLPBWREF1214	12 - 14	225
BLPBWREF1317	13 - 17	242

PART NO.	mm	L (mm)
BLPBWREF1415	14 - 15	242
BLPBWREF1417	14 - 17	244
BLPBWREF1617	16 - 17	254
BLPBWREF1719	17 - 19	260
BLPBWREF1819	18 - 19	275
BLPBWREF1922	19 - 22	300
BLPBWREF2022	20 - 22	305
BLPBWREF2123	21 - 23	305
BLPBWREF2427	24 - 27	335
BLPBWREF3032	30 - 32	345



### Double Open End Wrench Set, 12pcs

BDOEMTSET12

Packing: 6

- New high polish
- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards
- Set in pouch packaging



PART NO.	mm	L (mm)
BDOEMT67	6 - 7	126
BDOEMT89	8 - 9	145
BDOEMT1011	10 - 11	162
BDOEMT1213	12 - 13	181
BDOEMT1415	14 - 15	189
BDOEMT1617	16 - 17	198

PART NO.	mm	L (mm)
BDOEMT1819	18 - 19	198
BDOEMT2022	20 - 22	220
BDOEMT2123	21 - 23	242
BDOEMT2427	24 - 27	264
BDOEMT2528	25 - 28	287
BDOEMT3032	30 - 32	287

### Double Open End Wrench

- Manufactured from high grade steel alloy
- Features a Lifetime Warranty and exceeds ANSI Standards

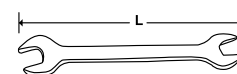
Packing: 6



PART NO.	mm	L (mm)
BDOEM67	6 - 7	125
BDOEM68	6 - 8	125
BDOEM89	8 - 9	135
BDOEM810	8 - 10	135
BDOEM1011	10 - 11	145
BDOEM1012	10 - 12	145
BDOEM1113	11 - 13	165
BDOEM1213	12 - 13	165
BDOEM1214	12 - 14	165
BDOEM1314	13 - 14	165
BDOEM1415	14 - 15	185
BDOEM1417	14 - 17	185
BDOEM1617	16 - 17	185
BDOEM1719	17 - 19	225
BDOEM1819	18 - 19	225
BDOEM1921	19 - 21	237

PART NO.	mm	L (mm)
BDOEM1922	19 - 22	237
BDOEM2022	20 - 22	255
BDOEM2123	21 - 23	255
BDOEM2224	22 - 24	255
BDOEM2326	23 - 26	295
BDOEM2426	24 - 26	295
BDOEM2427	24 - 27	295
BDOEM2528	25 - 28	334
BDOEM3032	30 - 32	368

PART NO.	mm	L (mm)
BDOE1012	5/16 - 3/8	5 5/16
BDOE1416	7/16 - 1/2	6 1/2
BDOE1820	9/16 - 5/8	7 9/32
BDOE2224	11/16 - 3/4	8 15/16



## Flare Nut Wrench Set, 9pcs

BLPFNWS9

Packing: 1 (Set)

- Higher Torque – 15% to 20% more turning power with Flank Drive wrenching system
- Open side allows for easy access over tubing and lines
- Manufactured from chrome vanadium steel for strength and durability
- Full polished chrome finish easily wipes clean of oil and dirt
- Large hard stamped size markings allow for easy identification
- Supplied in a canvas tool pouch for neat and easy storage and transportation



PART NO.	mm	L (mm)
BLPFNM810	8 - 10	139
BLPFNM911	9 - 11	153
BLPFNM1012	10 - 12	153
BLPFNM1314	13 - 14	174
BLPFNM1517	15 - 17	195

PART NO.	mm	L (mm)
BLPFNM1618	16 - 18	213
BLPFNM1719	17 - 19	213
BLPFNM1921	19 - 21	228
BLPFNM2123	21 - 23	243

## Flare Nut Wrench

Packing: 10

- Higher Torque – 15% to 20% more turning power with Flank Drive wrenching system
- Open side allows for easy access over tubing and lines
- Manufactured from chrome vanadium steel for strength and durability
- Full polished chrome finish easily wipes clean of oil and dirt
- Large hard stamped size markings allow for easy identification

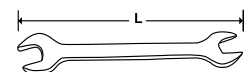


PART NO.	mm	L (mm)
BLPFNM79	7 - 9	139
BLPFNM810	8 - 10	139
BLPFNM910	9 - 10	139
BLPFNM911	9 - 11	153
BLPFNM1011	10 - 11	153
BLPFNM1012	10 - 12	153
BLPFNM1112	11 - 12	153
BLPFNM1113	11 - 13	174
BLPFNM1213	12 - 13	174
BLPFNM1214	12 - 14	174
BLPFNM1314	13 - 14	174
BLPFNM1315	13 - 15	175
BLPFNM1415	14 - 15	175
BLPFNM1417	14 - 17	195

PART NO.	mm	L (mm)
BLPFNM1517	15 - 17	195
BLPFNM1618	16 - 18	213
BLPFNM1719	17 - 19	213
BLPFNM1819	18 - 19	213
BLPFNM1921	19 - 21	228
BLPFNM1922	19 - 22	228
BLPFNM2123	21 - 23	243
BLPFNM2224	22 - 24	243
BLPFNM2426	24 - 26	258
BLPFNM2427	24 - 27	258
BLPFNM2432	24 - 32	287
BLPFNM2528	25 - 28	297
BLPFNM3032	30 - 32	297
BLPFNM3641	36 - 41	317

## WRENCHES

### Double Open End



## Water Pump Pulley Wrench

YA1350

Packing: 1

- Essential tool for preventing pulley damage when removing or installing bolts
- Fixed pin dimension for quick, easy installation
- Unique bend to clear engine compartment obstacles
- Wrench head shaped for generous clearance around the bolts



## Fan Clutch Pulley Holder

YA6160

Packing: 1

- Removes and replaces the fan clutch on vehicles using "bolt on" water pump pulleys
- Reverse pulley holder for assembly operations



## Chain Wrench

Packing: 6



## Strap Wrench

Packing: 1

- Adjusts to fit any circumference or irregular shape
- Grip, loosen or tighten almost anything
- Won't scratch or damage surfaces
- Cushioned grip for maximum comfort
- Heavy duty construction for longer life
- Also available in set, PN: BLPSTWRKT



PART NO.	CHAIN LENGTH (inches)	CAPACITY (inches)	HANDLE LENGTH (inches)
CW12A	16	4	12
CW15A	19	5	15
CW24A	23	6	24

PART NO.	DIAMETER
BLPSTWR4	4" max
BLPSTWR6	6" max



## Ratchet Combination Wrench Sets

Packing: 1

- Dual pawl ratcheting box end yields smooth operation and maximum strength
- 15° offset box head provides extra knuckle clearance
- 4.5° (5° on smaller wrenches) gear engagement means less movement to engage the next gear
- Inch scale laser etched on head face
- Ratcheting box is reversible
- Box end features the FLANK DRIVE® wrenching configuration for greater torque with less applied force
- Tough, durable nickel-chrome finish
- Meets or exceeds strength specifications in ASME B107.6

PART NO.	CONTENTS
<b>BOERM712</b>	8 to 19mm Ratchet Combination Wrench Set, 12pcs BOERM8 BOERM9 BOERM10 BOERM11 BOERM12 BOERM13 BOERM14 BOERM15 BOERM16 BOERM17 BOERM18 BOERM19
<b>BOERM704</b>	21 to 25mm Ratchet Combination Wrench Set, 4pcs BOERM21 BOERM22 BOERM24 BOERM25
<b>BOER704</b>	13/16" to 1" Ratchet Combination Wrench Set, 4 pcs BOER26 BOER28 BOER30 BOER32
<b>BOER708</b>	5/16" to 3/4" Ratchet Combination Wrench Set, 8 pcs BOER10 BOER12 BOER14 BOER16 BOER18 BOER20 BOER22 BOER24



## Ratcheting Wrench Set, Flex Head, 12pcs

BOERMF712A

Packing: 1

PART NO.	CONTENTS
<b>BOERMF712A</b>	8 to 19mm Flexible Head Ratchet Combination Wrenches BOERMF8A BOERMF9A BOERMF10A BOERMF11A BOERMF12A BOERMF13A BOERMF14A BOERMF15A BOERMF16A BOERMF17A BOERMF18A BOERMF19A



## Ratcheting Wrench Set, Flex Head, 8pcs

BOERF708A

Packing: 1

PART NO.	CONTENTS
BOERF708A	5/16" to 3/4" Flexible Head Ratchet Combination Wrenches BOERF10A BOERF12A BOERF14A BOERF16A BOERF18A BOERF20A BOERF22A BOERF24A



## Ratchet Combination

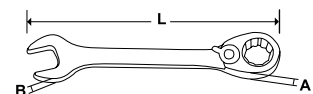
Packing: 6

- Dual pawl ratcheting box end yields smooth operation and maximum strength
- 15° offset box head provides extra knuckle clearance
- 4.5° (5° on smaller wrenches) gear engagement means less movement to engage the next gear
- Inch scale laser etched on head face
- Ratcheting box is reversible
- Box end features the FLANK DRIVE® wrenching configuration for greater torque with less applied force
- Tough, durable nickel-chrome finish
- Meets or exceeds strength specifications in ASME B107.6



PART NO.	mm	A (mm)	B (mm)	L (mm)
BOERM6	6	6.6	3.6	114
BOERM7	7	6.6	3.9	125
BOERM8	8	6.5	4.0	135
BOERM9	9	7.4	4.0	150
BOERM10	10	8.0	5.0	160
BOERM11	11	8.5	5.5	170
BOERM12	12	9.0	5.5	175
BOERM13	13	10.0	6.3	180
BOERM14	14	10.0	6.5	190
BOERM15	15	11.0	7.0	200
BOERM16	16	11.0	7.0	210
BOERM17	17	12.0	7.0	230
BOERM18	18	12.0	8.0	240
BOERM19	19	12.9	8.7	250
BOERM21	21	13.7	9.4	266
BOERM22	22	14.5	9.4	286
BOERM24	24	15.5	11.2	305
BOERM25	25	15.5	11.2	327

PART NO.	in	A (inches)	B (inches)	L (inches)
BOER8	1/4	1/4	5/32	4 1/2
BOER10	5/16	1/4	5/32	5 5/16
BOER12	3/8	5/16	3/16	6 5/16
BOER14	7/16	11/32	7/32	6 11/16
BOER16	1/2	13/32	1/4	7 1/16
BOER18	9/16	13/32	1/4	7 1/2
BOER20	5/8	7/16	9/32	8 1/4
BOER22	11/16	15/32	9/32	9 1/16
BOER24	3/4	1/2	11/32	9 13/16
BOER26	13/16	17/32	3/8	10 1/2
BOER28	7/8	9/16	3/8	11 1/4
BOER30	15/16	5/8	7/16	12
BOER32	1	5/8	7/16	12 7/8





## Ratchet Combination, Flex Head

Packing: 6

- Flex head pivots 90° in either direction
- Dual pawl reversible ratcheting box end
- Low profile easy action reverse lever won't get in your way
- Tough, durable nickel chrome finish
- Up to 80 gear teeth for ratcheting in tight areas



PART NO.	mm	A (mm)	B (mm)	L (mm)
BOERMF8A	8	6.5	4.0	142
BOERMF9A	9	7.4	4.0	152
BOERMF10A	10	8.0	5.0	162
BOERMF11A	11	8.5	5.5	172
BOERMF12A	12	9.0	5.5	180
BOERMF13A	13	10.0	6.3	188
BOERMF14A	14	10.0	6.5	196
BOERMF15A	15	11.0	7.0	204
BOERMF16A	16	11.0	7.0	214
BOERMF17A	17	12.0	7.0	228
BOERMF18A	18	12.0	8.0	242
BOERMF19A	19	12.9	8.7	256

PART NO.	11	A (inches)	B (inches)	L (inches)
BOERF10A	5/16	1/4	5/32	5 19/32
BOERF12A	3/8	5/16	3/16	6 3/8
BOERF14A	7/16	11/32	7/32	6 3/4
BOERF16A	1/2	13/32	1/4	7 13/32
BOERF18A	9/16	13/32	1/4	7 23/32
BOERF20A	5/8	7/16	9/32	8 7/16
BOERF22A	11/16	15/32	9/32	8 31/32
BOERF24A	3/4	1/2	11/32	10 1/16

## Flexible Head Ratchet Combination Wrench



## Ratcheting Wrench Sets, Short

Packing: 1



PART NO.	CONTENTS
<b>BOERMS712</b>	8 to 19mm Short Ratchet Combination Wrench Set, 12pcs BOERMS8 BOERMS9 BOERMS10 BOERMS11 BOERMS12 BOERMS13 BOERMS14 BOERMS15 BOERMS16 BOERMS17 BOERMS18 BOERMS19
<b>BOERS708</b>	5/16" to 3/4" Short Ratchet Combination Wrench Set, 8pcs BOERS10 BOERS12 BOERS14 BOERS16 BOERS18 BOERS20 BOERS22 BOERS24

## Short Ratchet Combination

Packing: 6

- Dual pawl reversible ratcheting box end
- Low profile easy action reverse lever won't get in your way
- Up to 80 gear teeth for ratcheting in tight areas
- Tough, durable nickel chrome finish



PART NO.	mm	A (mm)	B (mm)	L (mm)
BOERMS8	8	6.5	4.0	90
BOERMS9	9	7.4	4.0	95
BOERMS10	10	8.0	5.0	100
BOERMS11	11	8.5	5.5	105
BOERMS12	12	9.0	5.5	110
BOERMS13	13	10.0	6.3	115
BOERMS14	14	10.0	6.5	120
BOERMS15	15	11.0	7.0	125
BOERMS16	16	11.0	7.0	128
BOERMS17	17	12.0	7.0	132
BOERMS18	18	12.0	8.0	138
BOERMS19	19	12.9	8.7	142

PART NO.	inches	A (inches)	B (inches)	L (inches)
BOERS10	5/16	1/4	5/32	3 9/16
BOERS12	3/8	5/16	3/16	3 15/16
BOERS14	7/16	11/32	7/32	4 1/8
BOERS16	1/2	13/32	1/4	4 1/2
BOERS18	9/16	13/32	1/4	4 3/4
BOERS20	5/8	7/16	9/32	5 1/16
BOERS22	11/16	15/32	9/32	5 3/16
BOERS24	3/4	1/2	11/32	5 8/16

## Ratcheting Wrench Set, Short Flex Head, 8pcs

Packing: 1



PART NO.	CONTENTS
<b>BOERSF708</b>	5/16" to 3/4" Short Flexible Ratchet Combination Wrench BOERSF10 BOERSF12 BOERSF14 BOERSF16 BOERSF18 BOERSF20 BOERSF22 BOERSF24

## Short Flex Head Ratchet Combination

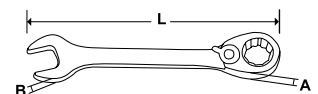
Packing: 6

- Flex head pivots 90° in either direction
- Dual pawl reversible ratcheting box end
- Up to 80 gear teeth for ratcheting in tight areas



PART NO.	mm	A (mm)	B (mm)	L (mm)
BOERMSF8	8	6.5	4.0	94
BOERMSF9	9	7.4	4.0	98
BOERMSF10	10	8.0	5.0	103
BOERMSF11	11	8.5	5.5	108
BOERMSF12	12	9.0	5.5	111
BOERMSF13	13	10.0	6.3	115
BOERMSF14	14	10.0	6.5	120
BOERMSF15	15	11.0	7.0	124
BOERMSF16	16	11.0	7.0	128
BOERMSF17	17	12.0	7.0	133
BOERMSF18	18	12.0	8.0	140
BOERMSF19	19	12.9	8.7	147

PART NO.	inches	A (inches)	B (inches)	L (inches)
BOERSF10	5/16	1/4	5/32	3 11/16
BOERSF12	3/8	5/16	3/16	4 1/16
BOERSF14	7/16	11/32	7/32	4 1/4
BOERSF16	1/2	13/32	1/4	4 17/32
BOERSF18	9/16	13/32	1/4	4 23/32
BOERSF20	5/8	7/16	9/32	5 1/32
BOERSF22	11/16	15/32	9/32	5 1/4
BOERSF24	3/4	1/2	11/32	5 25/32



## Single Direction Ratchet Combination

Packing: 10



PART NO.	mm	A (mm)	B (mm)	L (mm)
BLPGWM5.5A	5.5	7	4.2	114
BLPGWM6A	7	7	4.2	114
BLPGWM7A	7	7	4.2	114
BLPGWM8A	7	7	4.7	132
BLPGWM9A	7	7	4.7	132
BLPGWM10A	10	8.2	5.3	149
BLPGWM11A	11	8.5	5.9	167
BLPGWM12A	12	9.4	6.5	185
BLPGWM13A	13	9.4	6.5	185
BLPGWM14A	14	9.7	7.1	202
BLPGWM15A	15	9.7	7.1	202
BLPGWM16A	16	10.8	7.7	220
BLPGWM17A	17	10.8	7.7	220
BLPGWM18A	18	11.3	8.3	238
BLPGWM19A	19	11.3	8.3	238
BLPGWM20A	20	11.3	8.3	238
BLPGWM21A	21	11.8	8.85	247
BLPGWM22A	22	11.8	8.85	247
BLPGWM23A	23	12.3	9.4	270
BLPGWM24A	24	12.3	9.4	270
BLPGWM26A	26	13.1	10.2	293

PART NO.	mm	A (mm)	B (mm)	L (mm)
BLPGWM27A	27	13.1	10.2	293
BLPGWM30A	30	14.1	11.2	322
BLPGWM32A	32	15.8	12.4	388
BLPGWM34A	34	15.8	12.4	388
BLPGWM36A	36	17.8	13.9	456
BLPGWM38A	38	17.8	13.9	456
BLPGWM40A	40	20.15	16.15	503
BLPGWM41A	41	20.15	16.15	503
BLPGWM42A	42	20.15	16.15	503
BLPGWM44A	44	22.6	18	540
BLPGWM45A	45	22.6	18	540
BLPGWM46A	46	22.6	18	540
BLPGWM48A	48	25.5	20	580
BLPGWM50A	50	25.5	20	580
BLPGWM55A	55	28.5	22.3	618
BLPGWM57A	57	28.5	22.3	618
BLPGWM58A	58	31.6	23.6	658
BLPGWM60A	60	31.6	23.6	658
BLPGWM65A	65	34.7	26.1	698
BLPGWM70A	70	37.9	28.6	738

## Double Ring Ratcheting

Packing: 10



PART NO.	mm	A (mm)	L (mm)
BLPGWDM67P	6-7	14.3 - 16.8	115
BLPGWDM810P	8-10	18.5 - 21.7	130
BLPGWDM911P	9-11	21.7 - 23.6	150
BLPGWDM1214P	12-14	25 - 28	170
BLPGWDM1315P	13-15	28 - 30	190
BLPGWDM1719P	17-19	33.4 - 36.6	235
BLPGWDM1820P	18-20	33.4 - 36.6	235
BLPGWDM2122P	21-22	43 - 43	260
BLPGWDM2324P	23-24	43 - 49	290

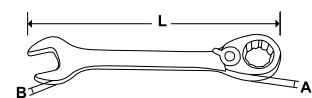
## Reversible Ratcheting Wrench Set, 2pcs

BLPMSWRH2S

Packing: 1 (Set)



Size (mm/inches)	Size (mm/inches)	Size (mm/inches)	Size (mm/inches)
8 5/16	7 9/32	8	E10
10 3/8	- 11/32	10	E12
11 7/16	9 3/8	11	E14
12 1/2	11 7/16	13	E16
14 9/16	12 15/32	14	E18
16 5/8	13 17/32	16	E20
17 11/16	14 9/16	17	E22
19 3/4	16 5/8	19	E24



## Ratcheting Wrench Set, Locking Flex Head, 12pcs

BOERMFLCG712

Packing: 1



PART NO.	CONTENTS
BOERMFLCG712	8 to 19mm Locking Flexible Head Ratchet Combination Wrench
	BOERMFLCG8 BOERMFLCG9 BOERMFLCG10
	BOERMFLCG11 BOERMFLCG12 BOERMFLCG13
	BOERMFLCG14 BOERMFLCG15 BOERMFLCG16
	BOERMFLCG17 BOERMFLCG18 BOERMFLCG19

## Ratcheting Wrench Set, Locking Flex Head, 8pcs

BOERFLCG708

Packing: 1



PART NO.	CONTENTS
BOERFLCG708	5/16" to 3/4" Locking Flexible Head Ratchet Combination Wrench
	BOERFLCG10 BOERFLCG12 BOERFLCG14
	BOERFLCG16 BOERFLCG18 BOERFLCG20
	BOERFLCG22 BOERFLCG24

## Locking Flex Head Ratchet Combination

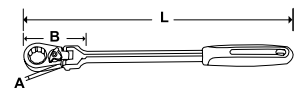
- Corrosive resistant bi-mold cushion grips for improved comfort and performance
- Wrenches have multiple locking head positions for easier access to tough to reach fasteners
- Long reach solid shank steel handle for improved reach and leverage
- Dual pawl reversible ratchet head
- Flex head pivots 90° in either direction

Packing: 6



PART NO.	mm	A (mm)	B (mm)	L (mm)
BOERMFLCG8	8	6.55	32	228
BOERMFLCG9	9	7.45	34	229
BOERMFLCG10	10	8.05	38	233
BOERMFLCG11	11	8.55	40	235
BOERMFLCG12	12	9.05	42	285
BOERMFLCG13	13	10.05	45	287
BOERMFLCG14	14	10.05	48	289
BOERMFLCG15	15	11.05	52	293
BOERMFLCG16	16	11.05	54	347
BOERMFLCG17	17	12.05	56	348
BOERMFLCG18	18	12.05	60	352
BOERMFLCG19	19	12.95	64	354

PART NO.	11	A (inches)	B (inches)	L (inches)
BOERFLCG10	5/16	1/4	1 1/4	9
BOERFLCG12	3/8	5/16	1 1/2	8 1/4
BOERFLCG14	7/16	11/32	1 9/16	9 19/32
BOERFLCG16	1/2	13/32	1 25/32	11 9/32
BOERFLCG18	9/16	13/32	1 29/32	11 3/8
BOERFLCG20	5/8	7/16	2 1/8	13 21/32
BOERFLCG22	11/16	15/32	2 7/32	13 23/32
BOERFLCG24	3/4	1/2	2 17/32	13 15/16



## Ratcheting Box Wrench Sets, 5pcs

Packing: 1



PART NO.	CONTENTS
RBZM605	7mm - 8mm to 15mm -17mm Ratcheting Box Wrench Set, 5pcs RBZM78 RBZM910 RBZM1112 RBZM1314 RBZM1517
RBZ605	1/4" - 5/16" to 3/4" - 7/8" Ratcheting Box Wrench Set, 5pcs RBZ810 RBZ1214 RBZ1618 RBZ2022 RBZ2428

## Ratcheting Box

Packing: 1

- Latch-on head keeps wrench on fastener
- Ring prevents nut/fastener head from sliding through wrench



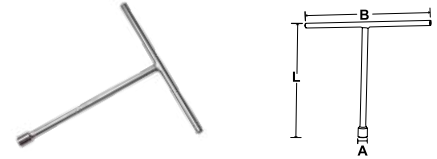
PART NO.	mm	A (mm)	L (mm)
RBZM78	7 - 8	15.1 - 17.1	114
RBZM910	9 - 10	20.4 - 22.6	140
RBZM1112	11 - 12	25.8 - 29.4	175
RBZM1314	13 - 14	25.8 - 29.4	175
RBZM1517	15 - 17	32.9 - 36.5	206
RBZM1618	16 - 18	32.9 - 36.5	206
RBZM1921	19 - 21	35.7 - 40.1	235

PART NO.	II	A (inches)	L (inches)
RBZ810	1/4 - 5/16	3/8	4 1/2
RBZ1214	3/8 - 7/16	3/8	5 7/2
RBZ1618	1/2 - 9/16	1/2	6 1/8
RBZ2022	5/8 - 11/16	1/2	9 1/4
RBZ2428	3/4 - 7/8	1/2	9 1/4

## T-Shape Speeder Wrench

Packing: 1

- Speedy socket wrench, convenience for use
- Magnetic inset for convenience



PART NO.	A (mm)	B (mm)	L (mm)
BPTHM08	8	200	250
BPTHM09	9	200	250
BPTHM10	10	200	250
BPTHM11	11	200	250
BPTHM12	12	250	250
BPTHM13	13	250	300
BPTHM14	14	250	300

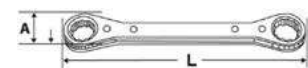
## T-Shape Speeder Wrench, Deep Socket, Slotted, Phillips®

Packing: 1

- Durable Cr-V material, Matt finishing
- Deep Socket, socket length 50mm
- Suitable for motorcycle segment use



PART NO.	A (mm)	B (mm)	L (mm)
BLPTHDS250M8	8	200	250
BLPTHDS250M9	9	200	250
BLPTHDS250M10	10	200	250
BLPTHDS250M11	11	200	250
BLPTHDS250M12	12	200	250
BLPTHDS300M13	13	250	300
BLPTHDS300M14	14	250	300
BLPTHDS300M15	15	250	300
BLPTHDS300M16	16	250	300
BLPTHDS300M17	17	250	300
BLPTH250PH0	PH0#	200	250
BLPTH250PH1	PH1#	200	250
BLPTH250PH2	PH2#	200	250
BLPTH250PH3	PH3#	200	250
BLPTH300PH4	PH4#	250	300
BLPTH250S6	6	200	250
BLPTH250S8	8	200	250
BLPTH250S10	10	200	250
BLPTH300S12	12	250	300



## Folding Hex Key Set, 8pcs

BLFHKS8

Packing: 1

- Material: S2
- Finish: Satin



PART NO.	CONTENTS
BLFHKS8	Hex Key Sizes: 1.5, 2, 2.5, 3, 4, 5, 6, 8mm

## T-Hex Ball End Key Set, 8pcs

BLWBS8

Packing: 1

- Set in metal stand
- Material: S2
- Finish: Satin



PART NO.	CONTENTS
BLWBS8	T-Hex Ball End Key BLWTBM2 BLWTBM2.5 BLWTBM3 BLWTBM4 BLWTBM5 BLWTBM6 BLWTBM8 BLWTBM10

## T-Hex Ball End Key

- Material: S2
- Finish: Satin

Packing: 1



PART NO.	mm	A (mm)	L (mm)
BLWTBM2	2	83	13
BLWTBM2.5	2.5	83	13
BLWTBM3	3	83	13
BLWTBM4	4	83	13
BLWTBM5	5	83	13
BLWTBM6	6	134	15
BLWTBM8	8	134	15
BLWTBM10	10	134	15

## T-Hex Key

- Ergonomical handle for a better grip
- Made from high torque steel

Packing: 6



PART NO.	mm	A (mm)	L (mm)
BTWM1.5	1.5	83	122
BTWM2.5	2.5	83	122
BTWM3	3	83	122
BTWM4	4	83	122
BTWM5	5	83	122
BTWM6	6	134	186
BTWM7	7	134	186
BTWM8	8	134	186

## L-Hex Short Arm Key Set, 9pcs

BLFHKS9

Packing: 1

- Set in plastic holder
- Material: S2
- Finish: Satin



PART NO.	CONTENTS
BLFHKS9	L-Hex Short Arm Key BLWSM1.5 BLWSM2 BLWSM2.5 BLWSM3 BLWSM4 BLWSM5 BLWSM6 BLWSM8 BLWSM10

## L-Hex Long Arm Key Set, 9pcs

BLWHKLS9

Packing: 1

- Set in plastic holder
- Material: S2
- Finish: Satin



PART NO.	CONTENTS
BLWHKLS9	L-Hex Long Arm Key BLWLM1.5 BLWLM2 BLWLM2.5 BLWLM3 BLWLM4 BLWLM5 BLWLM6 BLWLM8 BLWLM10



### L-Hex Extra Long Arm Key Set, 9pcs

BLWHKELS9

Packing: 1

- Set in plastic holder
- Material: S2
- Finish: Satin



PART NO.	CONTENTS		
BLWHKELS9	L-Hex Extra Long Arm Key		
	BLWXM1.5	BLWXM2	BLWXM2.5
	BLWXM3	BLWXM4	BLWXM5
	BLWXM6	BLWXM8	BLWXM10

### L-Hex Long Ball End Key Set, 9pcs

BLWSM9

Packing: 1

- Set in plastic holder
- Made from high torque steel
- Ball hex allows angle entry



PART NO.	CONTENTS		
BLWSM9	L-Hex Long Ball End Key		
	BLWLB1.5	BLWLB2	BLWLB2.5
	BLWLB3	BLWLB4	BLWLB5
	BLWLB6	BLWLB8	BLWLB10

### L-Hex Extra Long Ball End Key Set, 9pcs

BLHKELBS9

Packing: 1

- Set in plastic holder
- Material: S2
- Finish: Satin



PART NO.	CONTENTS		
BLHKELBS9	L-Hex Extra Long Ball End Key		
	BLWXLB1.5	BLWXLB2	BLWXLB2.5
	BLWXLB3	BLWXLB4	BLWXLB5
	BLWXLB6	BLWXLB8	BLWXLB10

### L-Torx Key Set, 9pcs

BLWTS9

Packing: 1

- Set in plastic holder
- Made from high torque steel



#	A (mm)	L (mm)
T10	17	86
T15	18	90
T20	19	95
T25	20	100
T27	21	105
T30	24	114
T40	26	124
T45	29	133
T50	32	152

### L-Torx Long Arm Key Set, 9pcs

BLWTLS9

Packing: 1

- Set in plastic holder
- Material: S2
- Finish: Satin



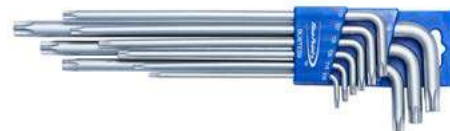
PART NO.	CONTENTS		
BLWTLS9	L-Torx Long Arm Key		
	BLWTL10	BLWTL15	BLWTL20
	BLWTL25	BLWTL27	BLWTL30
	BLWTL40	BLWTL45	BLWTL50

### L-Torx Extra Long Key Set, 9pcs

BLWTES9

Packing: 1

- Set in plastic holder
- Material: S2
- Finish: Satin



PART NO.	CONTENTS		
BLWTES9	L-Torx Extra Long Key Sizes: T10, T15, T20, T25, T27, T30, T40, T45, T50		

## L-Hex Key

- Made from high torque steel
- Heavy duty usage
- Satin finish



PART NO.	mm	A (mm)	L (mm)
BLWM1.5	1.5	13.5	77
BLWM2	2	15.5	82
BLWM2.5	2.5	17.5	88.5
BLWM3	3	19	98.5
BLWM4	4	24	104
BLWM5	5	27	116
BLWM6	6	31	138
BLWM8	8	35	158
BLWM10	10	39	167
BLWM11	11	42	190
BLWM12	12	44	209
BLWM13	13	50	220
BLWM14	14	54.5	233
BLWM15	15	56.5	237
BLWM16	16	58.5	240
BLWM17	17	61.5	246
BLWM18	18	64.5	261
BLWM19	19	68.5	276

## L-Hex Short Arm Key

- Material: S2
- Finish: Satin



PART NO.	mm	A (mm)	L (mm)
BLWSM1.5	1.5	15	46
BLWSM2	2	18	52
BLWSM2.5	2.5	20	58
BLWSM3	3	23	66
BLWSM4	4	29	74
BLWSM5	5	33	85
BLWSM6	6	38	96
BLWSM8	8	44	108
BLWSM10	10	50	122

## L-Hex Long Arm Key

- Material: S2
- Finish: Satin



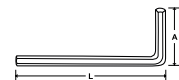
PART NO.	mm	A (mm)	L (mm)
BLWLM1.5	1.5	15	78
BLWLM2	2	17.5	84
BLWLM2.5	2.5	20	91
BLWLM3	3	22	102
BLWLM4	4	28	108
BLWLM5	5	32	121
BLWLM6	6	37	144
BLWLM8	8	43	166
BLWLM10	10	49	177

## L-Hex Extra Long Arm Key

- Material: S2
- Finish: Satin



PART NO.	mm	A (mm)	L (mm)
BLWXM1.5	1.5	15	91
BLWXM2	2	17	101
BLWXM2.5	2.5	20	114
BLWXM3	3	22	128
BLWXM4	4	28	143
BLWXM5	5	32	164
BLWXM6	6	37	185
BLWXM8	8	43	207
BLWXM10	10	49	233





### L-Hex Long Ball End Key

- Material: S2
- Finish: Satin



PART NO.	mm	A (mm)	L (mm)
BLWLB1.5	1.5	15	78
BLWLB2	2	17.5	84
BLWLB2.5	2.5	20	91
BLWLB3	3	22	102
BLWLB4	4	28	108
BLWLB5	5	32	121
BLWLB6	6	37	144
BLWLB8	8	43	166
BLWLB10	10	49	177

### L-Hex Extra Long Ball End Key

- Material: S2
- Finish: Satin



PART NO.	mm	A (mm)	L (mm)
BLWXLB1.5	1.5	15	91
BLWXLB2	2	17	101
BLWXLB2.5	2.5	20	114
BLWXLB3	3	22	128
BLWXLB4	4	28	143
BLWXLB5	5	32	164
BLWXLB6	6	37	185
BLWXLB8	8	43	207
BLWXLB10	10	49	233

### L-Torx Short Arm Key

- Material: S2
- Finish: Satin



PART NO.	#	A (mm)	L (mm)
BLWT9	T9	19	51
BLWT10	T10	20	54
BLWT15	T15	21	57
BLWT20	T20	23	61
BLWT25	T25	24	65
BLWT27	T27	26	69
BLWT30	T30	29	75
BLWT40	T40	33	83

### L-Torx Long Arm Key

- Material: S2
- Finish: Satin



PART NO.	#	A (mm)	L (mm)
BLWTL9	T9	19	85
BLWTL10	T10	20	89
BLWTL15	T15	21	93
BLWTL20	T20	23	99
BLWTL25	T25	24	104
BLWTL27	T27	26	110
BLWTL30	T30	29	119
BLWTL40	T40	33	131

# PLIERS & CUTTERS

Superior Comfort, Gripping & Cutting



*Blue-Point*<sup>®</sup>



*Blue-Point*<sup>™</sup>

## Combination Pliers

**1** Differential jaws for a more secure grip



**2** Precise machined joint for ease of use and longer life



**3** Dual compound soft grip handles provide good grip and comfort



**4** Tougher steel for cutting harder and thicker wire, laser sharpened & treated cutting edge for less cutting effort



**5** High leverage grip for tubular gripping applications

### Pliers Set, Standard, 5pcs

BPL501

Packing: 6 (Set)

- Storage tray packaging



PART NO.	CONTENTS	JAW CAPACITY (inches)	LENGTH (inches)
B48CPAP	Slip Joint Pliers	2 3/32	8 13/32
B58HLPAP	Lineman's Pliers	1 1/2	8 31/32
B96CPAP	Long Nose Pliers	2 1/32	6 5/16
BAWP100AP	Adjustable Joint Pliers	1 3/8	10 5/32
B87CPAP	Diagonal Cutters	31/32	6 19/32

### Pliers Set, Dipped Grips, 8pcs

BDGPL800

Packing: 6 (Set)

- Storage tray packaging



PART NO.	CONTENTS	JAW CAPACITY (inches)	LENGTH (inches)
BDGAWP100Z	Adjustable Joint Pliers	1 3/4	10
BDG48CPZ	Slip Joint Pliers	1 27/32	8
BDG98CPZ	Needle Nose Pliers	3	8
BDG9845CPZ	45° Bent Nose Pliers	2 13/16	7 3/4
BDG57CPZ	Lineman's Pliers	1 1/4	7 1/2
BDGEC7Z	End Cutter	7/16	7
BDG86CPZ	Diagonal Cutter	21/32	6 1/2
BDG88CPZ	Diagonal Cutter	15/16	8 1/8

### Pliers Set, Standard, 7pcs

BDGCPL700

Packing: 6 (Set)

- Comes in a compact pouch, easy storage and portable
- Pouch design allows flexibility in storage of different pliers
- Dipped grips deliver optimal comfort during high strength gripping
- Drop forged chrome vanadium steel and fine polished



PART NO.	CONTENTS	JAW CAPACITY (inches)	LENGTH (inches)
BDG98CPZ	Needle Nose Pliers	3	8
BDG88CPZ	Diagonal Cutter	15/16	8
BDG45CMP	Mini Combination Pliers	1	4.5
BDG95CLMP	Mini Needle Nose Pliers	2 1/16	6
BDG85CTMP	Mini Thin Diagonal Nose Pliers	23/32	4.5
BDG945CMP	Mini 45° Bent Nose Pliers	1	4.5
BDG48CPZ	Slip Joint Pliers	1 27/32	8

### Pliers Set, Long Reach, 3pcs

BDGPL300LR

Packing: 6 (Set)

- Storage tray packaging



PART NO.	CONTENTS	JAW CAPACITY (inches)	LENGTH (inches)
BDG311CPZ	Diagonal Cutters	1 9/16	11
BDG91145CPZ	45° Bent Nose Pliers	3 3/16	11
BDG911CPZ	Needle Nose Pliers	3 9/16	11

## Pliers Set, Extra Long Reach, 2pcs

BDGPL200XLR

Packing: 6 (Set)

- Double dipped grips offer increased comfort and control during use
- Extra length provides additional access to difficult reach areas
- Corrosion resistant finish
- Storage tray packaging



PART NO.	CONTENTS	JAW CAPACITY (inches)	LENGTH (inches)
BDG91645CPZ	45° Bent Nose Pliers	3 3/16	16
BDG916CPZ	Needle Nose Pliers	3 9/16	16

## Pliers Set, Extended Reach Hose Grip, 3pcs

BDGPL300HG

Packing: 6 (Set)

- Double dipped grips offer increased comfort and control during use
- Extra length provides additional access to difficult reach areas
- Leaf spring improve maneuverability
- Corrosion resistant finish



PART NO.	CONTENTS	JAW CAPACITY (inches)	LENGTH (inches)
BDGPL410HGZ	Small Hose Grip Pliers	2 1/4	11
BDGPL411HGZ	Medium Hose Grip Pliers	2 1/4	11
BDGPL412HGZ	Large Hose Grip Pliers	2	11

## Pliers Set, Miniature, 8pcs

BDGMPL845

Packing: 6 (Set)

- Comes in a compact pouch, easy storage and portable
- Pouch design allows flexibility in storage of different pliers
- Dipped grips deliver optimal comfort during high strength gripping
- Drop forged chrome vanadium steel and fine polished



PART NO.	CONTENTS	JAW CAPACITY (inches)	LENGTH (inches)
BDG45CMP	Mini Combination Pliers	1	4.5
BDG85CMP	Mini Diagonal Nose Pliers	21/32	4.5
BDG85CTMP	Mini Thin Diagonal Nose Pliers	23/32	4.5
BDG945CMP	Mini 45° Bent Nose Pliers	1	4.5
BDG65CMP	Mini Flat Nose Pliers	1 5/32	4.5
BDG95CMP	Mini Long Nose Pliers	4 7/8	4.5
BDG95CLMP	Mini Needle Nose Pliers	2 1/16	6
BDGMPEC5	Mini End Cutters	4 1/32	4.5

## Pliers Set, Miniature, 10pcs

BMPL1000

Packing: 6 (Set)

- Storage tray packaging



PART NO.	CONTENTS	JAW CAPACITY (inches)	LENGTH (inches)
B45CMPAP	Mini Combination Pliers	1	4 11/16
B65CMPAP	Mini Duck Bill Pliers	1 5/32	4 7/8
B75CMPAP	Mini Round Nose Pliers	1 5/32	5
B85CMPAP	Mini Diagonal Cutter	21/32	4 11/32
B85CTMPAP	Mini Thin Diagonal Cutter	23/32	4 5/8
B945CMPAP	Mini 45° Bent Nose Pliers	1	4 11/16
B95CMPAP	Mini Long Nose Pliers	1 1/8	4 7/8
B95CLMPAP	Mini Needle Nose Pliers	2 1/16	5 25/32
B960CMPAP	Mini 60° Bent Nose Pliers	15/16	4 11/16
BMPEC5AP	Mini End Cutter	5/16	4 1/32

### Pliers Set, Miniature Long Reach, 4pcs

BDGPL400LMP

Packing: 6 (Set)

- Chrome nickel finish prevents against rust and corrosion
- Cushioned grips offer comfort during extended use
- Vinyl grips provide easy clean-up and durability
- Pliers exceed ANSI standards



PART NO.	CONTENTS	JAW CAPACITY (inches)	LENGTH (inches)
BDG96LMPZ	Mini Long Nose Pliers	1 5/16	6
BDG97LMPZ	Mini Needle Nose Pliers	2 13/32	7
BDG9645LMPZ	Mini 45° Bent Nose Pliers	1 7/32	6
BDG86LMPZ	Mini Diagonal Cutters	3/4	5 1/2

### Slip Joint Pliers

BDG48CPZ

Packing: 6

- Dipped grip handles for easy cleaning
- Heat treated hardened cutting edge
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
BDG48CPZ	1 27/32	8

### Combination Pliers

Packing: 6

- Dipped grip handles for easy cleaning
- Laser hardened cutting edge
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	DESCRIPTION	JAW CAPACITY (inches)	LENGTH (inches)
BDG57CPZ	Combination Pliers	1 1/4	7 1/2
BDGCB8K	Combination Pliers	7/8	8
BDGCB9HK	Combination Pliers High Leverage	7/8	9

### Adjustable Joint Pliers

BDGAWP100Z

Packing: 6

- Dipped grip handles for easy cleaning
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
BDGAWP100Z	1 3/4	10

Screw Removal Pliers  
Specially Designed Jaws For  
Gripping Damaged Screws





### Screw Removal Pliers

BSP6

Packing: 6

- Jaws shaped specially for removing screws



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
BSP6	7/8	6

### 45° Bent Nose Pliers

BDG9845CPZ

Packing: 6

- Dipped grip handles for easy cleaning
- Laser hardened cutting edge
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
BDG9845CPZ	2 13/16	8

### Long Nose Pliers

BDGLN6K

Packing: 6

- Dipped grip handles for easy cleaning
- Laser hardened cutting edge
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
BDGLN6K	1	6

### Needle Nose Pliers

BDG98CPZ

Packing: 6

- Dipped grip handles for easy cleaning
- Laser hardened cutting edge
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
BDG98CPZ	3	8

### Diagonal Cutters

Packing: 6

- Dipped grip handles for easy cleaning
- Laser hardened cutting edge
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
BDG86CPZ	21/32	6 1/2
BDG88CPZ	15/16	8 1/8
BDGCT6K	7/16	6

### End Cutters

BDGEC7Z

Packing: 6

- Dipped grip handles for easy cleaning
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
BDGEC7Z	1/2	7

## Plastic Cutters

BPC6

Packing: 6

- Flushed cutting edge for perfect cuts
- Thin cutting edge for precise trimming
- Laser hardened cutting edge



PART NO.	LENGTH (inches)
BPC6	6

## Cable Diagonal Cutters

BDGCT6W

Packing: 6

- Diagonal cutter with holes for stripping cable
- Laser hardened cutting edge



PART NO.	LENGTH (inches)
BDGCT6W	6

## Cable Cutters

Packing: 6

- Special flip over handle design allows tool to be used for slicing cable sleeve
- Drop forged chrome/nickel alloy is fine polish for corrosion resistant finish
- Precise machined joint for ease of use and longer life
- For cutting cables only



PART NO.	LENGTH (inches)
BCC6HD	6
BCC8HD	8
BCC10HD	10

## High Leverage Diagonal Cutters

Packing: 6

- High leverage design delivers superior crimping and cutting force
- Laser hardened cutting edge
- Dual compound soft grip handles provide good grip and comfort
- Precise machined joint for ease of use and longer life
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	LENGTH (inches)
BCT6HD	6
BCT7HD	7
BCT8HD	8

## Diagonal Cutters



### High Leverage Combination Pliers

Packing: 6

- High leverage design delivers superior crimping and cutting force
- Laser hardened cutting edge
- Dual compound soft grip handles provide good grip and comfort
- Precise machined joint for ease of use and longer life
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	LENGTH (inches)
BCB6HD	6
BCB7HD	7
BCB9HD	9

### High Leverage Long Nose Pliers

Packing: 6

- High leverage design delivers superior crimping and cutting force
- Laser hardened cutting edge
- Dual compound soft grip handles provide good grip and comfort
- Precise machined joint for ease of use and longer life
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	LENGTH (inches)
BLN6HD	6
BLN7HD	7
BLN8HD	8

## Combination Pliers

Packing: 6

- Dual compound soft grip handles provide good grip and comfort
- Laser hardened cutting edge
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
B58HLPAP	1 1/2	8 31/32
BDMCB6	5/8	6
BDMCB7	5/8	7
BDMCB8	7/8	8

## Long Nose Pliers

Packing: 6

- Dual compound soft grip handles provide good grip and comfort
- Laser hardened cutting edge
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
B96CPAP	2 1/32	6 5/16
BDMLN6	1	6
BDMLN8	1 1/8	8

## Adjustable Joint Pliers

BDMAJ10

Packing: 6

- Dual compound soft grip handles provide good grip and comfort
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
BDMAJ10	1 11/16	10

## Slip Joint Pliers

B48CPAP

Packing: 6

- Dual compound soft grip handles provide good grip and comfort
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
B48CPAP	2 3/32	8 13/32

BAWP100AP

Packing: 6



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
BAWP100AP	1 3/8	10 5/32

## Diagonal Cutters

Packing: 6

- Dual compound soft grip handles provide good grip and comfort
- Laser hardened cutting edge
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
B87CPAP	31/32	6 19/32
BDMCT5	5/16	5
BDMCT6	7/16	6
BDMCT7	1/2	7

## Miniature Thin Diagonal Cutters

Packing: 6

- Dual compound soft grip handles provide good grip and comfort
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
B85CTMPAP	23/32	4 5/8

## Miniature Cutters

Packing: 6

- Dual compound soft grip handles provide good grip and comfort
- Laser hardened cutting edge
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
B85CMPAP	21/32	4 11/32

## Miniature Combination Pliers

Packing: 6

- Dual compound soft grip handles provide good grip and comfort
- Laser hardened cutting edge
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
B45CMPAP	1	4 11/16

## Miniature Round Nose Pliers

Packing: 6

- Dual compound soft grip handles provide good grip and comfort
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
B75CMPAP	1 5/32	5

## Miniature Long Nose Pliers

B95CMPAP

Packing: 6

- Dual compound soft grip handles provide good grip and comfort
- Laser hardened cutting edge
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
B95CMPAP	1 1/8	4 7/8

## Miniature Curved Long Nose Pliers

B945CMPAP

Packing: 6

- Dual compound soft grip handles provide good grip and comfort
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
B945CMPAP	1	4 11/16

## Miniature 60° Bent Nose Pliers

B960CMPAP

Packing: 6

- Dual compound soft grip handles provide good grip and comfort
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
B960CMPAP	15/16	4 11/16

## Miniature Needle Nose Pliers

B95CLMPAP

Packing: 6

- Dual compound soft grip handles provide good grip and comfort
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
B95CLMPAP	2 1/16	5 25/32

## Miniature Duck Bill Pliers

B65CMPAP

Packing: 6

- Dual compound soft grip handles provide good grip and comfort
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
B65CMPAP	1 5/32	4 7/8

## Miniature Pincers

BMPEC5AP

Packing: 6

- Dual compound soft grip handles provide good grip and comfort
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
BMPEC5AP	5/16	4 1/32

## Locking Pliers, Sheet Metal

VGP12808

Packing: 1

- Wide jaws allow clamping, bending, forming and crimping of sheet metal without gripping effort
- E-coat provides extra resistance against corrosion and welding splatter
- Quality cold-rolled steel ensures years of service
- Drop forged jaws ensure a tough, durable tool
- Smooth rounded edges allow comfortable handling and reduce risk of injury
- Spring-loaded release lever permits quick "NO PINCH" release even when tool is firmly locked
- Piano wire spring provides smooth jaw opening
- Adjustment bolt features deep knurl to accommodate greasy hands
- Locking nut allows setting for repetitive jobs
- Drilled (not punched) holes in mobile jaw ensure maximum bearing with rivets for smooth action
- Large diameter rivets add strength and durability



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
VGP12808	1 3/4	8

## Locking Pliers, U-Clamp

VGP12509

Packing: 1

- U-shaped jaws allow access and perfect visibility when welding
- E-coat provides extra resistance against corrosion and welding splatter
- Quality cold-rolled steel ensures years of service
- Drop forged jaws ensure a tough, durable tool
- Smooth rounded edges allow comfortable handling and reduce risk of injury
- Spring-loaded release lever permits quick "NO PINCH" release even when tool is firmly locked
- Piano wire spring provides smooth jaw opening
- Adjustment bolt features deep knurl to accommodate greasy hands
- Locking nut allows setting for repetitive jobs
- Drilled (not punched) holes in mobile jaw ensure maximum bearing with rivets for smooth action
- Large diameter rivets add strength and durability



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
VGP12509	2 5/16	9

## Locking Pliers, C-Clamp

- Quick and easy handling clamps for autobody and metal fabrication applications
- Spring loaded release lever permits quick "NO PINCH" release even when tool is firmly locked
- Locking nut allows setting for repetitive jobs

Packing: 1



PART NO.	DESCRIPTION	JAW CAPACITY (inches)	LENGTH (inches)
VGP12406	Standard Tip	2 5/16	6
VGP12412		3 5/16	12
VGP12418		10 1/4	18
VGP12424		15 11/16	24

PART NO.	DESCRIPTION	JAW CAPACITY (inches)	LENGTH (inches)
VGP22406	Swivel Tip	1 5/16	6
VGP22412		3 15/16	12
VGP22418		9 7/16	18
VGP22424		15 11/16	24

## Locking Pliers, Chain Style

VGP18110

Packing: 1

- Wraps around and holds irregular shaped objects like oil filters and mufflers quickly and easily



PART NO.	CHAIN CAPACITY (inches)	HANDLE LENGTH (inches)
VGP18110	up to 6 9/32	9 27/32

## Locking Pliers, Straight Jaws

Packing: 6

- Exceeds ASME specification
- Straight jaws with maximum contact area
- Nickel plated to resist corrosion
- Convenient one hand release lever



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
BDGLP75SAP	1 5/16	7
BDGLP10SAP	1 3/4	10

## Locking Pliers, Straight Jaws, Soft Grip

Packing: 6

- Exceeds ASME specification
- Straight jaws with maximum contact area
- Nickel plated to resist corrosion
- Convenient one hand release lever
- Non-slip cushion grip



PART NO.	JAW CAPACITY (inches)	LENGTH (inches)
BDMLP7SAP	1 5/16	7
BDMLP10SAP	1 3/4	10

## Pliers Set, Retaining Ring, 2pcs

PR36

Packing: 1 (Set)

- Optional Tip Kit PR5 and Tips sizes .047" 0°, .070" 0°, .047" 45°, .038" 90° are sold separately



PART NO.	CONTENTS	LENGTH (inches)
PR37	Internal Ring, size range 3/8 - 2" Tip Kit PR5, Tip sizes .047" 0°, .070" 0°, .047" 45°, .038" 90°, 2 pair each	6 1/4
PR38	External Ring, size range 1/4 - 2"	6 1/4

## Pliers Set, Retaining Ring, 2pcs

PR50A

Packing: 1 (Set)

- Plastic case packaging



PART NO.	CONTENTS	LENGTH (inches)
PR51	Internal Ring, size range 2 7/16 - 4" Tip Kit PR502, Tip size .108" 15° Optional: Tip Kit PR501, Tip size .108" 0°	9 1/2
PR52	External Ring, size range 1 1/2 - 3 11/32" Tip Kit PR 507, Tip size .120" 45° Optional: Tip Kit PR505, Tip size .120" 0°	9 1/2



### Pliers Set, Retaining Ring, 3pcs

PRH503

Packing: 1 (Set)

- Retaining rings size are convertible
- Available in 2pcs Set, PN: PRH502A consisting of PRH56A and PRH57A
- Storage case packaging



PART NO.	CONTENTS	LENGTH (inches)
PRH56A	Internal Ring, size range 1/4 - 1" External Ring, size range 1/8 - 1" Tip Kit PRH56A-1 Tip sizes .023" 0°, .036" 0°, .047" 0°, .036" 90°, .047" 90°, 1 pair each	6 3/8
PRH57A	Internal Ring, size range 3/8 - 2" External Ring, size range 1/4 - 2" Tip Kit PRH57A-1 Tip sizes .036" 0°, .047" 0°, .070" 0°, .036" 90°, .047" 90°, 1 pair each	8
PRC65A	Internal Ring, size range 1 13/64 - 4" External Ring, size range 1 1/3 - 4" Tip Kit PRC65A-1 Tip sizes .090", .108", .120" (15° and 90°), 1 pair each	10

### Retaining Ring 15" Pliers, External

PR8A

Packing: 1

- Spring-loaded ratchet locking mechanism safely and securely holds large heavy rings
- Cushion grips for comfort and control
- Precision ground tips for maximum control and stability
- Interchangeable tips



PART NO.	CONTENTS	LENGTH (inches)
PR8A	External Ring, size range 3 1/16 - 6 1/4" Tip Kit PR8A-1, Tip size .120" 0° Optional Kits and Tip sizes: Tip Kit PR8A-2, Tip size .120" 45° Tip Kit PR8A-3, Tip size .120" 90°	15 11/16

### Retaining Ring 19" Pliers, External

PR53

Packing: 1

- Interchangeable tips



PART NO.	CONTENTS	LENGTH (inches)
PR53	External Ring, size range 6 1/2 - 10" Tip Kit PR53-1, Tip size .170" 0° Optional Kits and Tip sizes: Tip Kit PR53-2, Tip size .170" 45° Tip Kit PR53-3, Tip size .170" 90°	19

### Retaining Ring 29" Pliers, Internal

PR54

Packing: 1

- Interchangeable tips



PART NO.	CONTENTS	LENGTH (inches)
PR54	Internal Ring, size range 6 1/2 - 10" Tip Kit PR54-1, Tip size .150" 0° Optional Kits and Tip sizes: Tip Kit PR54-2, Tip size .150" 45° Tip Kit PR54-3, Tip size .150" 90°	29

## Circlip Pliers, Straight

Packing: 6



PART NO.	DESCRIPTION	SIZE RANGE (mm)	LENGTH (inches)
BCES7	External	19 - 60	7
BCES9	External	40 - 100	9
BCIS7	Internal	19 - 60	7
BCIS9	Internal	40 - 100	9

## Circlip Pliers, 90°

Packing: 6



PART NO.	DESCRIPTION	SIZE RANGE (mm)	LENGTH (inches)
BCER7	External	19 - 60	7
BCER9	External	40 - 100	9
BCIR7	Internal	19 - 60	7
BCIR9	Internal	40 - 100	9

## Miniature Circlip Pliers, Straight

Packing: 6

- Dual compound soft grip handles provide good grip and comfort
- Precise machined joint for ease of use and longer life
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	DESCRIPTION	LENGTH (inches)
BCES5	External	5
BCES6	External	6



PART NO.	DESCRIPTION	LENGTH (inches)
BCIS5	Internal	5
BCIS6	Internal	6

## Miniature Circlip Pliers, 45°

Packing: 6

- Dual compound soft grip handles provide good grip and comfort
- Precise machined joint for ease of use and longer life
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	DESCRIPTION	LENGTH (inches)
BCEH5	External	5
BCEH6	External	6



PART NO.	DESCRIPTION	LENGTH (inches)
BCIH5	Internal	5
BCIH6	Internal	6

## Miniature Circlip Pliers, 90°

Packing: 6

- Dual compound soft grip handles provide good grip and comfort
- Precise machined joint for ease of use and longer life
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish



PART NO.	DESCRIPTION	LENGTH (inches)
BCER5	External	5
BCER6	External	6



PART NO.	DESCRIPTION	LENGTH (inches)
BCIR5	Internal	5
BCIR6	Internal	6

## Bolt Cutters, Heavy Duty

- Ideal for cutting rod, bolts, concrete form ties and fencing wire
- Hardened alloy steel jaws
- Center cut jaw configuration provides balance while cutting
- Cuts soft or hard materials
- Rubber gripped steel handles ensure firm grip during use



PART NO.	CAPACITY Soft Materials (inches)	CAPACITY Hard Materials (inches)	LENGTH (inches)	WEIGHT (kg)	
BLPBC18	3/8	1/4	18	1.55	2
BLPBC24	7/16	5/16	24	2.55	2
BLPBC30	1/2	3/8	30	3.90	1
BLPBC36	9/16	7/16	36	6.45	1

## Replacement Jaws

Packing: 1



PART NO.	LENGTH (inches)
BLPBC18-1	18
BLPBC24-1	24
BLPBC30-1	30
BLPBC36-1	36

## Straight Hose Clamp, 13" Pliers

HCP13

Packing: 1

- Newly designed superior ratchet mechanism for ease of operation
- Enables technician to access, release, remove and install constant tension hose clamps
- 360° rotating deep slotted tips firmly grip clamps at any angle
- Ergonomically designed with solid rivet construction for long life and durability
- Extended reach for easy access to engine compartment
- Soft touch grips are double dipped for increased comfort and control
- Heat treated steel for strength and corrosion resistance
- Electroplated arms and tips for durability



# SCREWDRIVERS & BITS



*Blue-Point*<sup>®</sup>

Ergonomic Design = Comfort + Turning Force



### M Series, Phillips®

Packing: 6

- Tri-lobe handle shape for reducing user strain while operating and offering optimum torque
- Soft cushion grip for the best performance without fatigue
- Concave hollow of the handle neck for firm pinch pressure and precision control



PART NO.	TIP SIZE (#)	A (mm)	L (mm)
BSGDM65PH0	00	65	136
BSGDM75PH0	0	75	148
BSGDM100PH0	0	100	173
BSGDM150PH0	0	150	223
BSGDM75PH1	1	75	181
BSGDM100PH1	1	100	206
BSGDM150PH1	1	150	256
BSGDM38PH2	2	38	100

PART NO.	TIP SIZE (#)	A (mm)	L (mm)
BSGDM100PH2	2	100	218
BSGDM150PH2	2	150	268
BSGDM200PH2	2	200	318
BSGDM250PH2	2	250	368
BSGDM150PH3	3	150	278
BSGDM200PH3	3	200	328
BSGDM200PH4	4	200	328

### M Series, Slotted

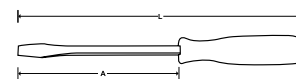
Packing: 6

- Tri-lobe handle shape for reducing user strain while operating and offering optimum torque
- Soft cushion grip for the best performance without fatigue
- Concave hollow of the handle neck for firm pinch pressure and precision control



PART NO.	TIP SIZE (mm)	A (mm)	L (mm)
BSGDM65F2	2.4	65	136
BSGDM75F3	3.2	75	149
BSGDM100F3	3.2	100	175
BSGDM150F3	3.2	150	225
BSGDM75F5	5	75	182
BSGDM100F5	5	100	208
BSGDM150F5	5	150	258
BSGDM200F5	5	200	309

PART NO.	TIP SIZE (mm)	A (mm)	L (mm)
BSGDM38F6	6	38	100
BSGDM100F6	6	100	220
BSGDM150F6	6	150	270
BSGDM200F6	6	200	321
BSGDM250F6	6	250	372
BSGDM150F8	8	150	280
BSGDM200F8	8	200	331
BSGDM200F9	9.5	200	331



## M Series, Pozidriv®

Packing: 6

- Tri-lobe handle shape for reducing user strain while operating and offering optimum torque
- Soft cushion grip for the best performance without fatigue
- Concave hollow of the handle neck for firm pinch pressure and precision control



PART NO.	TIP SIZE (#)	A (mm)	L (mm)
BSGDM65PZ00	0	65	136
BSGDM75PZ0	0	75	148
BSGDM100PZ0	0	100	173
BSGDM150PZ0	0	150	223
BSGDM75PZ1	1	75	181
BSGDM100PZ1	1	100	206
BSGDM150PZ1	1	150	256
BSGDM38PZ2	2	38	100

PART NO.	TIP SIZE (#)	A (mm)	L (mm)
BSGDM100PZ2	2	100	218
BSGDM150PZ2	2	150	268
BSGDM200PZ2	2	200	318
BSGDM250PZ2	2	250	368
BSGDM150PZ3	3	150	278
BSGDM200PZ3	3	200	328
BSGDM200PZ4	4	200	328

## M Series, Torx®

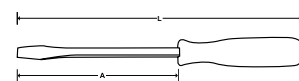
Packing: 6

- Tri-lobe handle shape for reducing user strain while operating and offering optimum torque
- Soft cushion grip for the best performance without fatigue
- Concave hollow of the handle neck for firm pinch pressure and precision control



PART NO.	TIP SIZE	A (mm)	L (mm)
BSGDM75TX6	T6	75	148
BSGDM75TX7	T7	75	148
BSGDM75TX8	T8	75	148
BSGDM75TX9	T9	75	148
BSGDM100TX10	T10	100	206
BSGDM100TX15	T15	100	206

PART NO.	TIP SIZE	A (mm)	L (mm)
BSGDM100TX20	T20	100	206
BSGDM100TX25	T25	100	218
BSGDM100TX27	T27	100	218
BSGDM100TX30	T30	100	218
BSGDM100TX40	T40	100	218



### P Series, Slotted

**1 Greater Adherence**  
Vapor-blasted tip for greater screw-tip adherence

**2 Tough & Durable**  
The chrome molybdenum vanadium blade is hardened to HRC 59±1

**3 Permanence**  
Size and part number are laser-etched on the blade to ensure permanence

**4 Rust-Resistant**  
Nickel and chrome plated to prevent rust

**5 Excellent Grip**  
Ergonomically shaped dual compound handle provides comfort and a better grip

### P Series, Phillips®

### P Series, Slotted

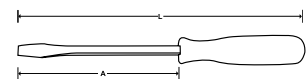
Packing: 10

- 2-Component handle gives the screwdriver an ideal ergonomic shape
- Perfectly adapted to the forces exerted by the hand and permits work efficiently
- The chrome molybdenum vanadium blade is hardened to HRC 59±1
- Nickel and chrome plated blade and the tip is especially vapor-blasted for greater screw-tip adherence and a full anti-rust guarantee
- With hanging hole moulded to the blade
- The size and part number are laser-etched on the blade to ensure their permanence



PART NO.	TIP SIZE (#)	A (mm)	L (mm)
BSGD75PH0B	PH0	75	148
BSGD100PH0B	PH0	100	187
BSGD150PH0B	PH0	150	237
BSGD100PH1B	PH1	100	208
BSGD150PH1B	PH1	150	258
BSGD200PH1B	PH1	200	308
BSGD250PH1B	PH1	250	358
BSGD300PH1B	PH1	300	408
BSGD100PH2B	PH2	100	208
BSGD150PH2B	PH2	150	258
BSGD200PH2B	PH2	200	308
BSGD250PH2B	PH2	250	358
BSGD300PH2B	PH2	300	408
BSGD150PH3B	PH3	150	270
BSGD200PH3B	PH3	200	320

PART NO.	TIP SIZE (mm)	A (mm)	L (mm)
BSGD75S3B	3	75	147
BSGD75F4B	4	100	168
BSGD100S4B	4	125	188
BSGD125S4B	4	150	233
BSGD150S4B	4	250	308
BSGD250S4B	5.5	125	358
BSGD125S5B	5.5	150	208
BSGD150S5B	6.5	250	258
BSGD125F5B	4	75	233
BSGD125F6B	5.5	125	208
BSGD150F6B	6.5	125	258
BSGD250F6B	6.5	150	358
BSGD150F8B	8	150	270
BSGD175F8B	8	175	320





### Precision Screwdriver, Phillips®

Packing: 6

- Spinning handle for ease of use
- Oil resistant, bi-material handle
- Soft cushion grip for the best performance



PART NO.	TIP SIZE (#)	A (mm)	L (mm)
BSGPDM50PH0	PH0	50	145
BSGPDM50PH00	PH00	50	145
BSGPDM50PH000	PH000	50	145
BSGPDM50PH1	PH1	50	145
BSGPDM50PH2	PH2	50	145

### Precision Screwdriver, Slotted

Packing: 6

- Spinning handle for ease of use
- Oil resistant, bi-material handle
- Soft cushion grip for the best performance



PART NO.	TIP SIZE (mm)	A (mm)	L (mm)
BSGPDM50F1	1.4	50	145
BSGPDM50F2	2	50	145
BSGPDM50F24	2.4	50	145
BSGPDM50F3	3	50	145

### Pass-Through Screwdriver, Phillips®

Packing: 6

- High tensile Chrome Vanadium Steel
- Oil resistant, bi-material handle
- Ergonomically designed handle for excellent grip and user comfort



PART NO.	TIP SIZE (#)	A (mm)	L (mm)
BSGDPT100PH2	PH2	100	207
BSGDPT150PH2	PH2	150	257
BSGDPT150PH3	PH3	150	265
BSGDPT200PH3	PH3	200	315
BSGDPT250PH3	PH3	250	365

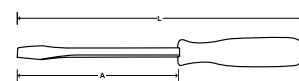
### Pass-Through Screwdriver, Slotted

Packing: 6

- High tensile Chrome Vanadium Steel
- Oil resistant, bi-material handle
- Ergonomically designed handle for excellent grip and user comfort



PART NO.	TIP SIZE (mm)	A (mm)	L (mm)
BSGDPT100F6	6	100	207
BSGDPT150F6	6	150	257
BSGDPT150F8	8	150	265
BSGDPT200F8	8	200	315
BSGDPT250F8	8	250	365



## 1/4" Ratchet Screwdriver, Pistol Handle

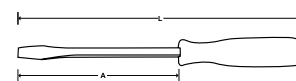


## 1/4" Ratchet Screwdriver, Pistol Handle

BSGDMR6

Packing: 1

- 5" magnetic bit holder blade for 1/4" hex bits
- 45 tooth ratcheting mechanism ensures precise positioning and movement
- Bits are stored in a bit magazine inside the handle
- Includes six 1/4" hex bits: Flat Tip (4.5 and 5.5), Phillips® (#1 and #2) plus Torx® (T15 and T20)
- Ergonomically designed two component handle is textured for excellent grip and user comfort
- Provides three functional options, left and right turning and locked position
- Blade features a knurled-grip for fast spinning of the fastener
- Screwdriver carries a lifetime warranty (Bits are consumable and carry no warranty)



## Power Bit Set, 52pcs

YA52PBSQC

Packing: 1

- Ideal for use with cordless drills and screwdrivers
- Set includes:
  - 2 hex adaptors
  - Flat tip bits (long): 6-8, 8-10, 10-12
  - Hex bits (short): 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 9/32"
  - Hex bits (long): 5/32", 3/16", 7/32"
  - PHILLIPS® tip bits (short): #1, #2 (2 each), #3
  - PHILLIPS® tip bits (long): #1, #2, #3
  - TORX® tamper resistant bits (short and long): T10, T15, T20, T25, T27, T30, T40
  - Square bits (short and long): #1, #2, #3
  - Clutch bits (short and long): 5/32", 3/16"
  - Double end bits: 6-8 x #2 PHILLIPS®, 8-10 x #3 PHILLIPS®
  - Adaptors: 1/4" hex female to 1/4" hex female, 1/4" hex male to 1/4" square male, 1/4" hex quick change chuck
  - Storage case packaging



## Master Ball Hex Bit Set, 32pcs

SDM32KT

Packing: 1

- 1/4" shank bits for use in difficult access applications where fastener cannot be approached straight-on
- Set includes:
  - Fractional Ball Hex Bits: 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"
  - Metric Ball Hex Bits: 2, 2.5, 3, 4, 5, 6, 7, 8, 9, 10mm
  - TORX® Ball Hex Bits: T10, T15, T20, T25, T27, T30, T40, T45, T50, T55
  - Magnetic Insert Bit Holder
  - 1/4" Female Hex to 1/4" Female Sq. Dr. Adaptor
  - All components store in case with belt clip



## Torx Ball Hex Bit Set, 11pcs

SDM11KT

Packing: 1

- 1/4" shank bits for use in difficult access applications where fastener cannot be approached straight-on
- Set includes:
  - TORX® Ball Hex Bits: T10, T15, T20, T25, T27, T30, T40, T45, T50
  - Magnetic Insert Bit Holder
  - 1/4" Female Hex to 1/4" Female Sq. Dr. Adaptor
  - All components store in case with belt clip



## Hex Bits

Packing: 6



PART NO.	SIZE (inches)
BLPHB18	1/8
BLPHB964	9/64
BLPHB532	5/32
BLPHB316	3/16
BLPHB732	7/32
BLPHB14	1/4

PART NO.	SIZE (mm)
BLPHBM3	3
BLPHBM4	4
BLPHBM5	5
BLPHBM6	6



## Tamper Resistant Torx® Bits

Packing: 6



PART NO.	SIZE
BLPTB10TP	T10
BLPTB15TP	T15
BLPTB20TP	T20
BLPTB25TP	T25
BLPTB30TP	T30



## Flat Tip Bits

Packing: 6



PART NO.	SIZE (inches)
BLPFB532	5/32
BLPFB316	3/16
BLPFB732	7/32
BLPFB14	1/4
BLPFB932	9/32



## Phillips® Tip Bits

Packing: 6



PART NO.	SIZE (#)
BLPPB0	0
BLPPB1	1
BLPPB2	2
BLPPB3	3



## Square Tip Bits

Packing: 6



PART NO.	SIZE (#)
BLPSQB1	1
BLPSQB2	2



## Bits Set, 31pcs

BITSET31AP

Packing: 1

- S2 material
- Magnetic bit holder and 30 bits
- 1/4" hex bits
- Plastic box with clip packaging in display box
- Philips: #1, #2\*2, #3
- Pz : #1, #2\*2, #3,
- TORX®: T10,T15,T20,T25,T27,T30,T40
- TORX®: T10,T15,T20,T25,T27,T30,T40 Tampered
- Slotted: 3, 4, 5, 6 mm
- Hex: H3, H4, H5, H6



## Bits Set, 72pcs

BLP72BITS

Packing: 1

- Set consists of different sizes of TORX®, Slotted, Philips, Pozidriv, Square and Hex bits, and also includes a 60mm magnetic bit holder allowing for quick change of driving bits
- Folding case design is compact and robust with pivoting dual bit holders that allow for easy and quick access to the accessories.
- S-2 grade
- All parts are engineered and produced according to ANSI Standard



# STRIKING & CUTTING TOOLS

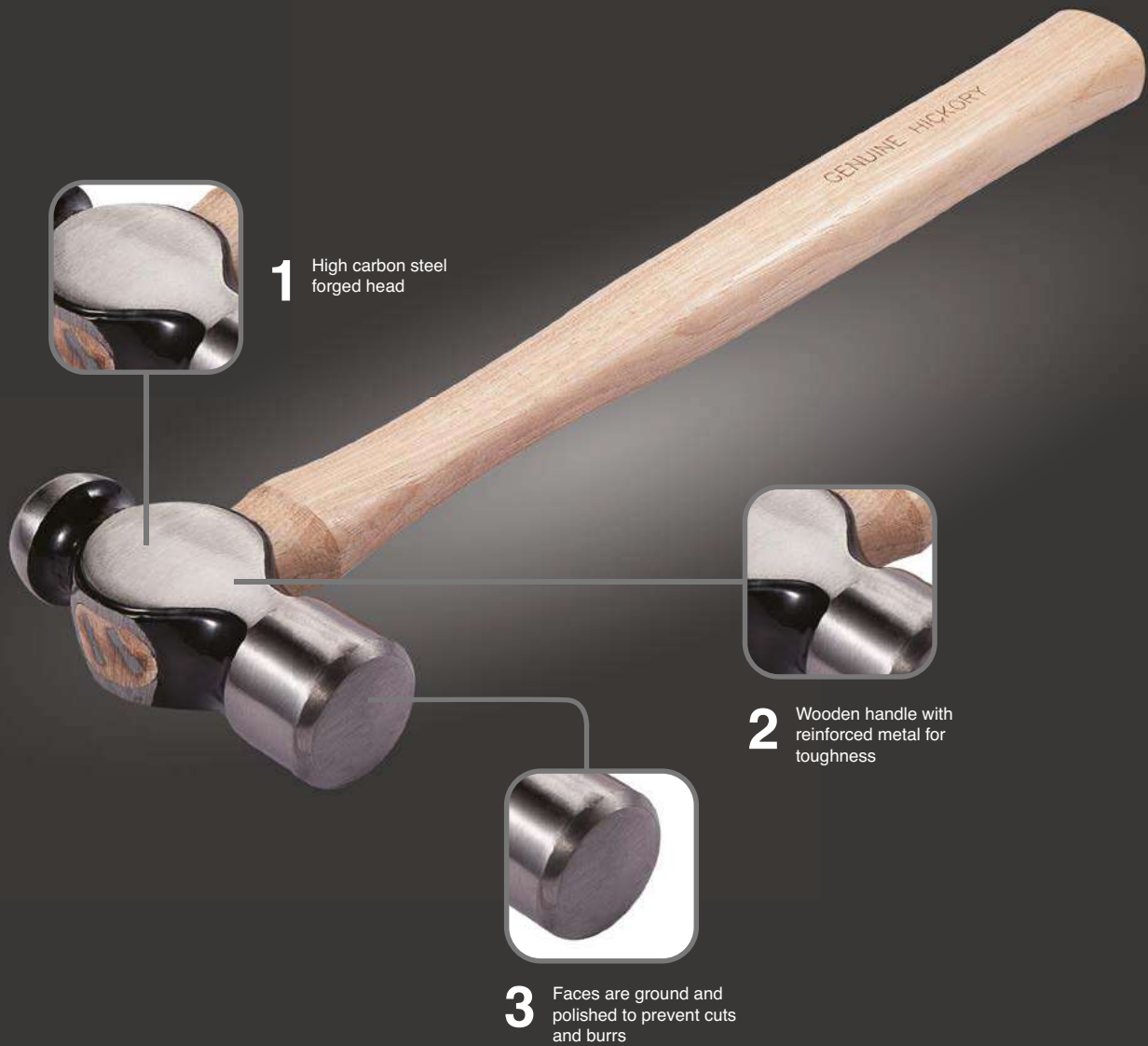
Strength, Durability & Safety



*Blue-Point*<sup>®</sup>



## Ball Peen - Wood Handle





### Ball Peen, Wood Handle

Packing: 1



PART NO.	WEIGHT (oz.)
BPB4	4
BPB8	8
BPB12	12
BPB16	16
BPB24	24
BPB32	32
BPB40	40
BPB48	48

### Ball Peen, Fiberglass Handle

Packing: 1



PART NO.	WEIGHT (oz.)	HANDLE LENGTH (inches)	REPLACEMENT HANDLE
BPN8B	8	11	BPNH8B
BPN12B	12	12	BPNH12B
BPN16B	16	13	BPNH12B
BPN24B	24	14	BPNH24B
BPN32B	32	16	BPNH24B

### Ball Peen, Fiberglass Handle

Packing: 1

- Head material is medium carbon steel with black baked paint finish, normal polished on striking face
- Non-slip Blue 60% PP jacketed fiberglass with comfort grip
- Used for mainly metalwork, and for use with punch and chisels
- Striking and shaping metal materials



PART NO.	WEIGHT (oz.)	HANDLE LENGTH (mm)
BLPBPG8	8	278
BLPBPG12	12	283
BLPBPG16	16	327
BLPBPG24	24	383
BLPBPG32	32	385

### Soft Face

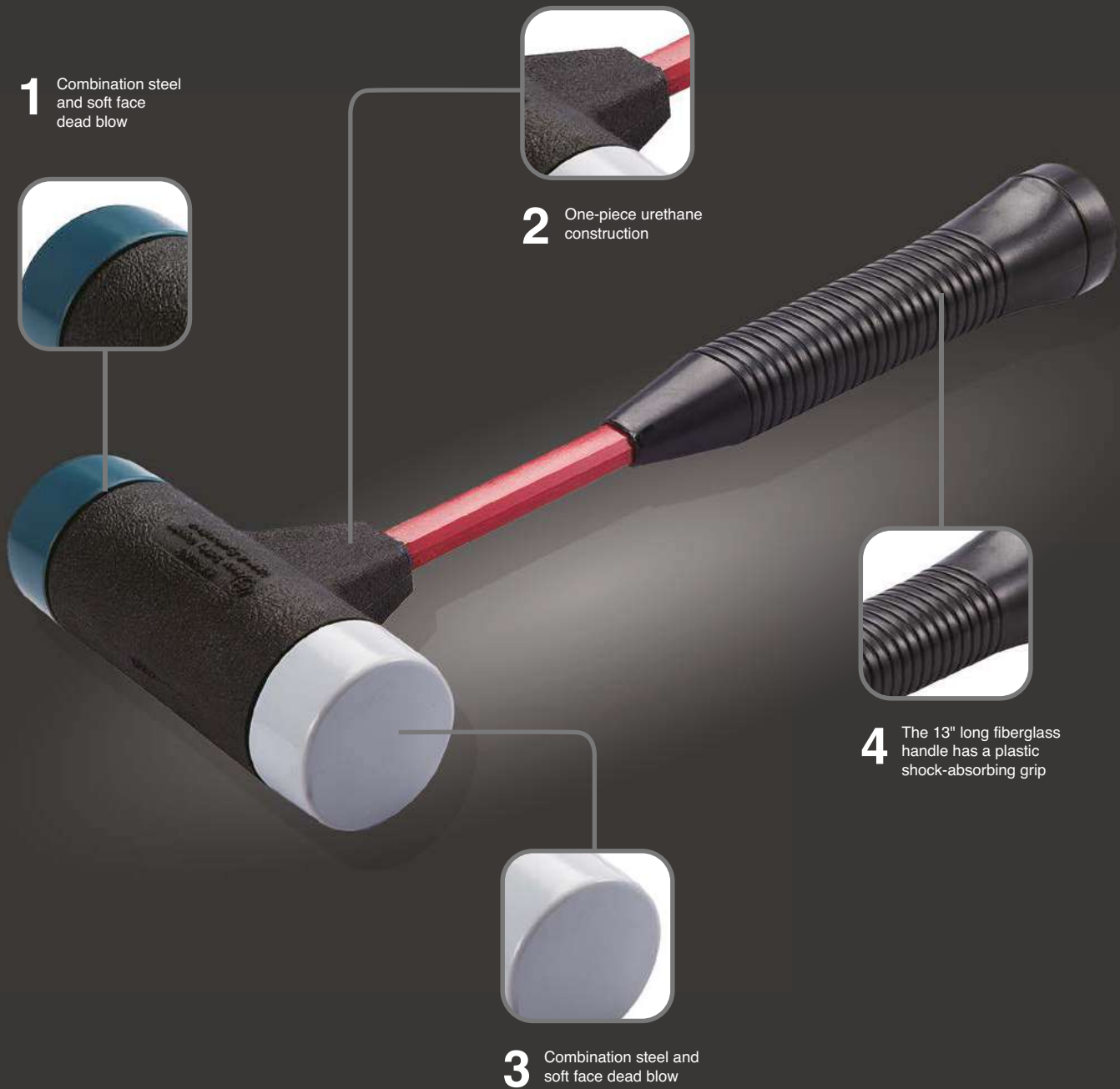
Packing: 1

- Combination steel and soft face dead blow
- One-piece urethane construction



PART NO.	WEIGHT (g)	HEAD LENGTH (mm)	HEAD WIDTH (mm)	LENGTH (mm)
BHW35	380	100	35	300
BHW45	500	110	45	320

## Soft Face



## Soft Face

BH232A

Packing: 1

- Combination steel and soft face dead blow
- One-piece urethane construction
- 13" long fiberglass handle has a plastic, shock-absorbing grip
- Tip diameter is 1 5/8"
- Includes 2 replaceable tips:
  - BH232-2, Soft tip
  - BH232-3, Hard tip
- Optional:
  - BH232-4, Nylon tip



PART NO.	WEIGHT (oz.)	LENGTH (inches)
BH232A	32	13

## Soft Blow

BF623

Packing: 1

- Use on all types of surfaces and assemblies including metal, glass, plastic and wood
- Conforms to irregular surfaces
- Designed for maximum surface contact
- Low rebound
- Dissipates hand jarring shock
- Resists most chemicals
- Wood handle
- Reduces denting and marring



PART NO.	LENGTH (inches)	FACE DIMENSIONS (inches)	HEAD COLOR
BF623	12 1/2	1 7/8 x 2 1/8	Blue

## Cross Peen, Hickory Handle

Packing: 1

- Forged high-quality steel that has been hardened and tempered
- Concentrated weight distribution behind the striking face for added power
- Durable, flat black finish on the head
- Polished face, hickory handle
- Wood wedged for easy handle replacement



PART NO.	WEIGHT (oz.)	HEAD LENGTH (mm)	OVERALL LENGTH (mm)
BLPCPH2	2	120	354
BLPCPH25	2.5	122	357
BLPCPH3	3	128	360
BLPCPH4	4	148	400

## Cross Peen, Hickory Handle

Packing: 1



PART NO.	WEIGHT (oz.)	HEAD LENGTH (inches)	OVERALL LENGTH (inches)	REPLACEMENT HANDLE
BH141A	32	4 1/2	15	BPH20C
BH142A	40	5	15	BPH40C

### Dead Blow

Packing: 1

- Non-conductive face with no exposed metal
- Oil and chemical resistant
- Steel shot used for dead-blow action
- Steel-reinforced handle adds strength and safety
- Perfect for shaping and cutting fine amount of materials
- Come in 2 head sizes 55 and 65 mm



PART NO.	HEAD SIZE (mm)	LENGTH (mm)
BLPDBH55	55	350
BLPDBH65	65	370

### Dead Blow, Interchangeable Tip

Packing: 1

- Steel head with nylon tip
- Tubular handle with black soft grip
- Steel shot used for dead blow action
- Steel-reinforced handle adds strength and safety
- Oil and chemical resistant
- Soft face help prevent marring of surfaces and equipment
- Come in 2 interchangeable head sizes 30 and 40 mm



PART NO.	HEAD SIZE (mm)	LENGTH (mm)
BLPDBH30I	30	298
BLPDBH40I	40	300

### Rubber Head Mallet

Packing: 1

- Use wherever you want to protect what you are striking from damage
- Mallet head is constructed of synthetic material
- Bounce resistant head for better control and precise hits
- Genuine hickory handle



PART NO.	WEIGHT (ozs)	LENGTH (mm)	FACE DIMENSIONS (mm)
BLPRM12	12	266	59
BLPRM16	16	310	62
BLPRM24	24	310	70

### Rubber Head Mallet

BF620C

Packing: 1

- Solid rubber head
- 11" Hardwood handle
- Ideal for replacing hubcaps, bodywork, etc



PART NO.	LENGTH (inches)	FACE DIMENSIONS (inches)
BF620C	13 1/4	3 3/4 x 2 1/4

## Curve Claw, Hickory Handle

Packing: 1

- Head material: Medium carbon steel
- Head finish: Sand-blasted finish, fully polish
- Handle: Hickory handle in natural color
- Used for general woodworking, curved claw provided better leverage for removing nails
- Great to use in heavy or professional carpentry for ripping and framing work



PART NO.	WEIGHT (ozs)	LENGTH (mm)	STRIKING FACE DIMENSIONS (mm)
BLPCCH7	7	292	22.5
BLPCCH10	10	295	24.5
BLPCCH13	13	318	27
BLPCCH16	16	329	28
BLPCCH20	20	330	30
BLPCCH24	24	356	33

## Rubber Head Mallet

BPRH15

Packing: 1

- Solid rubber head
- 11" hickory handle
- Ideal for replacing hubcaps, bodywork, etc



PART NO.	LENGTH (inches)	FACE DIMENSIONS (inches)
BPRH15	11	3 3/4 x 2 1/4

## Curve Claw, Fiberglass Handle

Packing: 1

- Head material: Medium carbon steel
- Head finish: Sand-blasted finish, fully polish
- Handle: Non-slip Blue 60% PP jacketed fiberglass with comfort grip
- Used for general woodworking, curved claw provided better leverage for removing nails
- Great to use in heavy or professional carpentry for ripping and framing work



PART NO.	WEIGHT (ozs)	LENGTH (mm)	STRIKING FACE DIMENSIONS (mm)
BLPCCFG7	7	280	22.5
BLPCCFG10	10	292	24.5
BLPCCFG16	16	327	28
BLPCCFG20	20	329	30
BLPCCFG24	24	385	33

## Curve Claw Hammer

BLPCL8

Packing: 6

- 8oz steel tube



PART NO.	WEIGHT (oz.)	STRIKING FACE DIAMETER (mm)	LENGTH (mm)
BLPC8	360	23	260

## Brass Hammer

Packing: 1

- Non-sparking/non-marring surface for many applications
- Brass head absorbs blow and reduces rebound
- Flat surface for even distribution of blow
- Fiberglass handle for strength
- Comfortable, non-slip handle grip



PART NO.	WEIGHT (lbs.)	LENGTH (inches)
HBR15	1 1/2	12
HBR25	2 1/2	12

## Wheel with Hammer SML Hook

WWH13SM

Packing: 1

- Heavy-duty, Nuplaglas® handle is chemical-resistant and features non-slip cushioned grip
- 30oz head weight for working on larger vehicles
- Removes “perfect-style” wheel weights without touching rim of vehicle and larger v-clips found on medium duty truck rims



## Fiberglass Hammer

Packing: 1

- Fiberglass handle dampens vibration and provides extra strength and safety
- Handle is epoxy-welded to hammer head and will withstand 8,000 lbs. of separation force
- Handle is resistant to dry rot, warp and splintering
- Comfortable, non-slip handle grip
- Materials will resist most shop chemicals



PART NO.	DESCRIPTION	WEIGHT (lbs)	STRIKING FACE DIAMETER (inches)	HANDLE LENGTH (inches)	OVERALL LENGTH (inches)	REPLACEMENT HANDLE
BC4SG	Cross Peen	4	1 1/2	12	14	BD4SG-1
BD4SG	Engineer	4	1 1/2	12	14	BD4SG-1
HD4SG	Hand Drilling	4	1 1/2	8 3/4	10 3/4	HD4SG-1

## Pin Punch Set, 6pcs

BLPRP6

Packing: 1

- High quality Cr-V
- Mix punch set



PART NO.	CONTENTS
BLPRP6	8 x 180mm L L Pin Punch
	6 x 180mm L Pin Punch
	5 x 165mm L Pin Punch
	4 x 150mm L Pin Punch
	3 x 125mm L Pin Punch
	2 x 115mm L Pin Punch

## Punch Set

DPFT528B

Packing: 1

- For transferring hole patterns
- Set includes punches from 3/32" to 1/2" in 1/64" increments plus 17/32"
- Each punch is marked with its size and manufactured from tempered steel to promote long tool life
- A metal index provides convenient storage
- Punches are 4 7/8" in length



## Punch & Chisel Set, 5pcs

BLPPC5

Packing: 1

- Chrome-plated for corrosion resistance
- Comes with a plastic holder



PART NO.	CONTENTS
BLPPC5	#2 Central Punch
	3mm Hole Punch
	4mm Pin Type Punch
	5mm Boring Bit
	12mm Flat Chisel

## Automatic Center Punch

YA900

Packing: 1

- Strikes blow when pressure is applied - no hammer needed
- Cap adjusts force of blow
- 7/16" diameter
- 4 3/4" long



## Automatic Center Punch

YA879A

Packing: 1

- Single handed operation
- Design eliminates need for striking with hammer
- Adjustable spring tension cap
- Hardened steel point is replaceable
- 1/2" diameter
- 5" long



## Transfer Punch Set, 31pcs

DPFT531

Packing: 1

- Set includes 31 punches from 3/32" - 1" in roll bag provides convenient storage
- For transferring hole patterns
- Size marking on each punch and manufactured from tempered steel to promote long tool life
- Punches are 4 7/8" in length



## Transfer Punch

Packing: 1

- For transferring hole patterns
- Size marking on each punch and manufactured from tempered steel to promote long tool life
- Punches are 4 7/8" in length



PART NO.	CONTENTS
DPFT531-6	3/32" Transfer Punch
DPFT531-7	7/64" Transfer Punch
DPFT531-8	1/8" Transfer Punch
DPFT531-9	9/64" Transfer Punch
DPFT531-10	5/32" Transfer Punch
DPFT531-11	11/64" Transfer Punch
DPFT531-12	3/16" Transfer Punch
DPFT531-13	13/64" Transfer Punch
DPFT531-14	7/32" Transfer Punch
DPFT531-15	15/64" Transfer Punch
DPFT531-16	1/4" Transfer Punch
DPFT531-17	17/64" Transfer Punch
DPFT531-18	9/32" Transfer Punch
DPFT531-19	19/64" Transfer Punch
DPFT531-20	5/16" Transfer Punch
DPFT531-21	21/64" Transfer Punch

PART NO.	CONTENTS
DPFT531-22	11/32" Transfer Punch
DPFT531-23	23/64" Transfer Punch
DPFT531-24	3/8" Transfer Punch
DPFT531-25	25/64" Transfer Punch
DPFT531-26	13/32" Transfer Punch
DPFT531-27	27/64" Transfer Punch
DPFT531-28	7/16" Transfer Punch
DPFT531-29	29/64" Transfer Punch
DPFT531-30	15/32" Transfer Punch
DPFT531-31	31/64" Transfer Punch
DPFT531-32	1/2" Transfer Punch
DPFT531-34	17/32" Transfer Punch
DPFT531-48	3/4" Transfer Punch
DPFT531-56	7/8" Transfer Punch
DPFT531-64	1" Transfer Punch



## Scraper Set, 3pcs

PKB500A

Packing: 1

- Spring tempered, solid brass blades are non-marring, non-sparking, non-magnetic and non-corrosive
- Soft molded rubber handles maximize hand grip, easy to clean and resistant to most solvents
- Broad hilt design helps protect against hand slipping when scraping
- Stiff blade style



PART NO.	HANDLE LENGTH (inches)	BLADE LENGTH (inches)	BLADE WIDTH (inches)	BLADE STYLE	EDGE
PKB50A	4 7/8	3 1/2	2	Stiff	Straight
PKB52A	4 7/8	3 19/32	1 1/4	Stiff	Straight
PKB53A	4 7/8	3 19/32	1 1/4	Stiff	Single Bevel

## Scraper Set, 3pcs

USS103

Packing: 1

- Remove gaskets, sealers and other caked on materials
- Blade edge designed to work effectively in both push and pull directions
- Stainless steel blades for durability
- Polished blades clean up easily
- Comfortable composite handles feature a contour thumb stop for maximum control and a wide hilt for control



PART NO.	BLADE STYLE	BLADE LENGTH (inches)	LENGTH (inches)
US710	Spoon	3 1/2	8
US711	Chisel Tip	2 1/2	7 1/8
US712	Oyster	2 1/8	6 3/4

## Scraper Set, 3pcs

PK500A

Packing: 1

- Features full length steel blades for strength and durability
- Soft molded rubber handles maximize hand grip, easy to clean and resistant to most solvents
- Broad hilt design helps protect against hand slipping when scraping



PART NO.	BLADE LENGTH (inches)	BLADE WIDTH (inches)	BLADE STYLE	EDGE
PK50A	3 1/2	2	Flexible	Straight
PK52A	5 19/32	1 1/4	Flexible	Straight
PK53A	2 19/32	1 1/4	Stiff Chisel	Single Bevel

## Scraper, Walnut Handle

Packing: 1

- Quality crafted for hard scraping applications
- Walnut wood handle for comfort
- Full length heavy duty blades for strength
- Large steel cap for striking capability
- Remove gaskets, sealants and body weld breakaway



PART NO.	BLADE LENGTH (inches)	BLADE WIDTH (inches)	BLADE STYLE	EDGE	LENGTH (inches)
PKWLR53A	5 1/2	1 1/4	Straight	Chisel	9 1/2
PKWSS53A	2 3/4	1 1/4	Straight	Chisel	6 3/4

## Scraper, Wood Handle

PK23A

Packing: 1

- Mirror finished hardened steel blade extends through hardwood handle, solidly riveted for durability
- Redwood handle has metal bolster where handle meets blade



PART NO.	HANDLE MATERIAL	HANDLE LENGTH (inches)	BLADE WIDTH (inches)	BLADE STYLE	EDGE
PK23A	Maple	3 7/8	1 1/4	Heavy Chisel	Single Bevel

## File Sets

Packing: 1

- Set in pouch for easy storage, portability or to hang in workshop
- All sets are in 2<sup>nd</sup>-Cut
- Tough, durable HSS bi-material handle



PART NO.	DESCRIPTION	SIZES (inches)
BLFF1S4	Coarse Flat File, 4pcs	6, 8, 10, 12
BLFF2S4	Flat 2nd Cut File Set, 4pcs	6, 8, 10, 12
BLFRS4	Round File Set, 4pcs	6, 8, 10, 12
BLFHRS4	Half Round File Set, 4pcs	6, 8, 10, 12
BLFT4	Triangle File Set, 4pcs	6, 8, 10, 12

## Flat 2<sup>nd</sup>-Cut File

Packing: 3

- Tough, durable HSS bi-material handle
- Perfect for shaping and cutting fine amount of materials



PART NO.	LENGTH (inches)
BLFFS6	6
BLFFS8	8
BLFFS10	10
BLFFS12	12

## Round 2<sup>nd</sup>-Cut File

Packing: 3

- Tough, durable HSS bi-material handle
- Perfect for shaping and cutting fine amount of materials



PART NO.	LENGTH (inches)
BLFRS6	6
BLFRS8	8
BLFRS10	10
BLFRS12	12

## Coarse Flat File

Packing: 3

- Tough, durable HSS bi-material handle
- Perfect for shaping and cutting fine amount of materials



PART NO.	LENGTH (inches)
BLFFC6	6
BLFFC8	8
BLFFC10	10
BLFFC12	12

## Half Round 2<sup>nd</sup>-Cut File

Packing: 3

- Tough, durable HSS bi-material handle
- Perfect for shaping and cutting fine amount of materials



PART NO.	LENGTH (inches)
BLFHS6	6
BLFHS8	8
BLFHS10	10
BLFHS12	12

## Triangular 2<sup>nd</sup>-Cut File

Packing: 3

- Tough, durable HSS bi-material handle
- Perfect for shaping and cutting fine amount of materials



PART NO.	LENGTH (inches)
BLFTS6	6
BLFTS8	8
BLFTS10	10
BLFTS12	12



## Shears, Angled, Heavy Duty

SNP2A

Packing: 1

- For leather, cloth, plastic, rubber sheet, rubber hose, cardboard, gasket material, rope and many other materials
- Stainless steel blades and fasteners ensure durability
- Precision ground and heat treated for a long lasting edge
- Ergonomic handles can be used right or left handed
- Top of blade is notched for hard wire and twine
- Locking switch ensures safety during storage
- Control switch allows blades to be held in a tighter position for easier handling
- Angled shears allow easier cutting through flat materials
- Soft mold grip for comfort and control



## Sheet Metal Snips, Offset

Packing: 1

- Special laborsaving, designed for easier cutting
- High tensional strength spring designed for longer life
- Solid, comfortable handle with non-design provide grip comfort
- Serrated edges prevent slipping
- Cr-Mo alloy steel hot forged blades for greater strength and longer durability



PART NO.	DESCRIPTION	BLADES LENGTH (mm)	OVERALL LENGTH (mm)
AVSNPOS1010	Offset, Left cutting Orange handle	30	245
AVSNPOS1020	Offset, Right cutting Blue handle	30	245

## Sheet Metal Snips, Straight

Packing: 1

- Special laborsaving, designed for easier cutting
- High tensional strength spring designed for longer life
- Solid, comfortable handle with non-design provide grip comfort
- Serrated edges prevent slipping
- Cr-Mo alloy steel hot forged blades for greater strength and longer durability



PART NO.	DESCRIPTION	BLADES LENGTH (mm)	OVERALL LENGTH (mm)
AVSNP01030CN	Straight Yellow handle	38	254
AVSNP01010CN	Straight, Left cutting Red handle	35	248
AVSNP01020CN	Straight, Right cutting Green handle	35	248

## Tin Snips

Packing: 1

- Drop forged of steel in one piece construction
- Black cushion handle with smooth, comfortable bows for ease in use and safety
- Designed for cutting straight and wide curves to the left or right
- Induction hardened cutting edges 58-61 HRC



PART NO.	BLADES LENGTH (mm)	OVERALL LENGTH (mm)
BLPSPSNIP8	40	206
BLPSPSNIP10	51	263
BLPSPSNIP12	70	310
BLPSPSNIP16	63	415

## Tin Snips

Packing: 1

- Cut straight, circular, or irregular patterns; right or left cuts



PART NO.	DESCRIPTION	BLADES LENGTH (inches)	LENGTH (inches)
CD7A	Duckbill Snips	1 1/2	7
CD10A	Duckbill Snips	2 1/4	10
CD12A	Combination Snips	3	12
CD16A	Bulldog Snips	2 1/2	16

## Scissors, Shop, Heavy Duty

### HDSCISSORS

Packing: 1

- For leather, cloth, plastic, rubber sheet, rubber hose, cardboard, gasket material, rope and many other materials
- Stainless steel blade and fasteners
- Precision ground and heat treated for a long lasting edge
- Ergonomic handles can be used right or left handed



## Vinyl Cutter

### YA444B

Packing: 1

- Cleanly cuts plastic, rubber, vinyl, upholstery, leather, hoses, and rope
- Ergo Grip handle with safety lock
- Blade storage in handle
- Includes YA444B1 replacement blades



PART NO.	DESCRIPTION
YA444B	Vinyl Cutter with YA444B1 replacement blades
YA444B1	3 Replacement blades and anvil

## Utility Knife

LBUK1

Packing: 1

- Utility knife with 10 replacement blades in leather pouch, both with Blue-Point® logo
- Convenience and good looks of a folding lock back knife with easily replaceable two notch razor blades
- Folding lock back blade, hardwood handle with belt clip and thumb stud for one-hand opening
- Uses UKBU10 (10 pack) or UKBU50PK (50 pack) replacement blades



## Utility Knife Blades

Packing: 1

UKBU10

- High performance blades are perfect for thick, dense materials
- Bi-metal construction allows blade to bend/flex without breaking under normal work conditions
- Bi-metal lasts up to 3 times longer than normal utility knife blades
- Two-notch blade design fits most standard utility knives
- Pack of 10 blades



UKBU10

UKBU50PK

- High performance blades are perfect for thick, dense materials
- Bi-metal construction allows blade to bend/flex without breaking under normal work conditions
- Bi-metal lasts up to 3 times longer than normal utility knife blades
- Two-notch blade design fits most standard utility knives
- Convenient dispenser provides storage for used blades
- Dispenser of 50 blades



UKBU50PK

## Mini Hacksaw

BLPMHF6

Packing: 1

- 25mm in length
- 24TPI blade



## Junior Hacksaw, 6"

BLPHSAW6

Packing: 1

- Aluminum alloy frame for lightweight
- Handle with rubber grip for comfort handling and control
- Tri-direction adjustable
- Length: 6"
- TPI: 24



## Cutters, Multi-Purpose

Packing: 1

YA580A

- Features auto locking, fully retractable blade
- All metal body is black with pocket clip
- Includes (1) premium steel 13-point, snap blade
- Overall length of 5 3/8" (136.5mm)



YA580A

YA580A-1  
Replacement Blades

- Pack of 5

YA581A

- 3 blades with 8 snap off points.
- Minimum blade wobble
- Fully retractable



YA581A

YA581A-1  
Replacement Blades

- Pack of 10

# POWER TOOLS

Power & Speed For Professionals



*Blue-Point*<sup>®</sup>



**3/8" IMPACT WRENCH**





## 1/4" Impact Wrench, Mini

AT235MCA

Packing: 1

- Composite housing contributes to an extremely durable, lightweight unit with new molded comfort grip
- Composite housing is not cold to the touch
- Forward/Reverse mechanism easily operated with one-finger
- Large, variable speed trigger for control
- Exhaust is from the handle bottom, keeping exhaust away from work area and user



PART NO.	DRIVE SIZE (inches)	MAX. TORQUE (N•m)	FREE SPEED (rpm)
AT235MCA	1/4	34	13,000
BLOWS PER MINUTE	AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)
2,900	47	1/4" - 18 NPT	3/8
VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)
<2.5	95.1	158	0.64

## 3/8" Impact Wrench

AT380A

Packing: 1

- 10% more power than the AT380
- Built-in five position adjustable air regulator plus a variable speed trigger for maximum user control
- Aluminum housing provides a lightweight yet durable tool
- Tapered nose increases accessibility to confined areas
- Ball-bearing mounted motor creates a smooth running operation for less user fatigue
- Brass inlet filter screens out dirt and grit; easy-to-remove filter for cleaning
- Twin-hammer impact mechanism designed to hit hard yet offer tool longevity. One-year limited warranty



PART NO.	DRIVE SIZE (inches)	MAX. TORQUE (N•m)	FREE SPEED (rpm)	BLOWS PER MINUTE
AT380A	3/8	230	8,700	1,680
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	
111	1/4" - 18 NPT	3/8	3.5	
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (optional)	
94	165	1.36	AT380ABOOT	

## 3/8" Impact Wrench, Composite

AT370

Packing: 1

- Shot Peen Anvils for improved durability
- Reverse Bias motor provides additional breakaway torque
- 3 position regulator to control power
- One handed forward/reverse lever for user convenience
- Composite housing with aluminum nose combine to deliver a durable, lightweight and balanced unit.
- Twin hammer impact mechanism delivers hard hitting blows to quickly remove stubborn fasteners



PART NO.	DRIVE SIZE (inches)	MAX. TORQUE (N•m)	FREE SPEED (rpm)	BLOWS PER MINUTE
AT370	3/8	434	10,000(F), 11,000(R)	1,050
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	
4.4 cfm(F), 4.7 cfm (R)	1/4" - 18 NPT	3/8	3.25	
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (optional)	
92	160	1.19	AT370BOOT	

## 3/8" Impact Wrench, Composite

AT3600C

Packing: 1

- Composite housing with Magnesium Nose
- Lightweight at 1.7kg
- Maximum torque of 510Nm / 375 ft. lb. of Torque
- Twin Hammer Mechanism
- Ergonomic cushion grip reduces vibration



PART NO.	DRIVE SIZE (inches)	TORQUE RANGE (N•m)	FREE SPEED (rpm)	BLOWS PER MINUTE
AT3600C	3/8	108 - 375	6,500	1,300
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	
7.06 cfm	1/4" - 18 NPT	3/8	4	
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (optional)	
94	149	1.47	AT3600CBOOT	

**Impact Wrench**



### 3/8" Impact Wrench, Single Hammer

AT321

Packing: 1

- Single hammer impact mechanism
- Steel nose case with lightweight aluminum housing
- Convenient slide bar forward/reverse



PART NO.	DRIVE SIZE (inches)	MAX. TORQUE (N•m)	FREE SPEED (rpm)	BLOWS PER MINUTE
AT321	3/8	237	11,000	1,500
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	
108	1/4" - 18 NPT	3/8	9.8	
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (optional)	
109	155	1.3	AT321-44	

### 3/8" Impact Wrench, Compact

AT351

Packing: 1

- Built-in air inlet swivel
- 8 position power regulator
- Rotary action air motor is ball bearing mounted for balance, speed and power
- Ideal tool for small engine repair and bench work



PART NO.	DRIVE SIZE (inches)	MAX. TORQUE (N•m)	FREE SPEED (rpm)
AT351	3/8	237	9,700
BLOWS PER MINUTE	AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)
1,200	71	1/4" - 18 NPT	3/8
VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)
3.09	109.2	194	1.2

### **NEW!** 3/8" Impact Wrench, Tight Access

AT4510

Packing: 1

- 345 N.m of torque, 7500 RPM and 1300 blows per minute
- Compact size allowing access to limited spaces
- Extreme lightweight design to reduce users' fatigue
- Ergonomic designed grip delivering comfort when handling
- Twin hammer impact mechanism hits harder and delivers
- Increased tool longevity
- One handed forward/reverse switch for easy operation
- Muffler pad designed to provide low noise levels



PART NO.	DRIVE SIZE (inches)	MAX TORQUE (N•m)	FREE SPEED (rpm)	BLOWS PER MINUTE
AT4510	3/8	345	7,500	1,300
AIR CONSUMPTION, FREE SPEED (l/min)	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )		
232	3/8	4		
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (optional)	
83	112	1.3	-	

### **NEW!** 3/8" Impact Wrench

AT5300C

Packing: 1

- Composite housing with Magnesium Nose
- Lightweight at 1.3kg
- Maximum torque of 400Nm /295 ft. lb. of torque
- Twin Hammer Mechanism
- Soft grip handle increased comfort and reduced vibration



PART NO.	DRIVE SIZE (inches)	MAX TORQUE (N•m)	FREE SPEED (rpm)	BLOWS PER MINUTE
AT5300C	3/8	400	9,000	1,300
AIR CONSUMPTION, FREE SPEED (l/min)	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )		
119	3/8	4		
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (optional)	
89	143	1.3	-	

## 1/2" Impact Wrench, Composite

AT570

Packing: 1

- Shot Peen Anvils for improved durability
- Reverse Bias motor provides additional breakaway torque
- 3 position regulator to control power
- One handed forward/reverse lever for user convenience
- Composite housing with aluminum nose combine to deliver a durable, lightweight and balanced unit
- Twin hammer impact mechanism delivers hard hitting blows to quickly remove stubborn fasteners



PART NO.	DRIVE SIZE (inches)	MAX. TORQUE (N•m)	FREE SPEED (rpm)	BLOWS PER MINUTE
AT570	1/2	773	6,900(F), 7,000(R)	1,050
AIR CONSUMPTION, FREE SPEED (l/min)		AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )
5.0 cfm (F), 5.3 cfm (rev.)		1/4" - 18 NPT	3/8	6.08
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (optional)	
95	184	1.87	AT570BOOT	

## 1/2" Impact Wrench

AT5500

Packing: 1

- Built-in five position adjustable air regulator plus a variable speed trigger for maximum user control
- Twin-hammer impact mechanism designed to hit hard yet offer tool longevity
- Inlet filter screens out dirt and grit; easy-to-remove filter for cleaning



PART NO.	DRIVE SIZE (inches)	MAX. TORQUE (N•m)	FREE SPEED (rpm)	
AT5500	1/2	745	7,400	
BLOWS PER MINUTE	AIR CONSUMPTION, FREE SPEED (l/min)	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	
1,200	118.9	3/8	4	
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (optional)	
94	200	2.9	AT5500BOOT	



## 1/2" Impact Wrench, Tight Access

AT4550

Packing: 1

- 488 N.m of torque, 7500 RPM and 1300 blows per minute
- Compact size allowing access to limited spaces
- Extreme lightweight design to reduce users' fatigue
- Ergonomic designed grip delivering comfort when handling
- Twin hammer impact mechanism hits harder and delivers
- Increased tool longevity
- One handed forward/reverse switch for easy operation
- Muffler pad designed to provide low noise levels



PART NO.	DRIVE SIZE (inches)	MAX TORQUE (N•m)	FREE SPEED (rpm)	BLOWS PER MINUTE
AT4550	1/2	488	7,500	1,300
AIR CONSUMPTION, FREE SPEED (l/min)		RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	
232		3/8	4	
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (optional)	
83	112	1.3	-	

## 1/2" Impact Wrench, Composite

AT5500C

Packing: 1

- Composite housing with Magnesium Nose
- Lightweight at 1.7kg
- Maximum torque of 910Nm / 671 ft. lb. of torque!
- Twin Hammer Mechanism
- Ergonomic cushion grip reduces vibration



PART NO.	DRIVE SIZE (inches)	TORQUE RANGE (N•m)	FREE SPEED (rpm)	BLOWS PER MINUTE
AT5500C	1/2	285 - 910	8,000	1,200
AIR CONSUMPTION, FREE SPEED (l/min)		AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )
7.06 cfm		1/4" - 18 NPT	3/8	4
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (optional)	
94	152	1.73	AT5500CBOOT	

### 1/2" Impact Wrench, Stubby

AT5500T

Packing: 1

- 550 ft-lb of torque, 9000 RPM and 1200 blows per minute
- Compact and lightweight for reduced user fatigue
- Twin-hammer impact mechanism hits harder and delivers increased tool longevity
- Polished aluminum housing is durable and easy to clean
- Ball-bearing mounted motor for smooth running operation
- Removable brass inlet filter protects tool from grit and debris
- Large forward/reverse lever for one-handed operation



PART NO.	DRIVE SIZE (inches)	MAX. TORQUE (N•m)	FREE SPEED (rpm)
AT5500T	1/2	745	9,000
BLOWS PER MINUTE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE
1,200	3/8	4	94
LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (optional)	
183	2.29	AT5500TBOOT	

### 1/2" Impact Wrench, Stubby Ext. Anvil

AT5500TL

Packing: 1

- 550 ft-lb of torque, 9000 RPM and 1200 blows per minute
- Compact and lightweight for reduced user fatigue
- Twin-hammer impact mechanism hits harder and delivers increased tool longevity
- Polished aluminum housing is durable and easy to clean
- Ball-bearing mounted motor for smooth running operation
- Removable brass inlet filter protects tool from grit and debris
- Large forward/reverse lever for one-handed operation
- Deep recessed application
- 2" anvil



PART NO.	DRIVE SIZE (inches)	MAX. TORQUE (N•m)	
AT5500TL	1/2	745	
FREE SPEED (rpm)	BLOWS PER MINUTE	RECOMMENDED HOSE SIZE (inches)	
9,000	1,200	3/8	
VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)
4	94	205	2.33

### 3/4" Impact Wrench

AT670

Packing: 1

- Aluminium nose with composite body for lightweight & durability
- Twin-hammer mechanism easily removes stubborn nuts
- Three-position lever controls amount of torque
- Two-way push buttons controls Forward/Reverse rotation



PART NO.	DRIVE SIZE (inches)	MAX. TORQUE (N•m)	FREE SPEED (rpm)
AT670	3/4	1,423	6,700(F), 6,900(R)
BLOWS PER MINUTE	AIR CONSUMPTION, FREE SPEED (l/min)		
1,050	159		
VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)
2.44	114.4	215	3.44

### 1" Impact Wrench, Composite

AT100IMC

Packing: 1

- 2983 N.m of torque, 5500 RPM and 1400 blows per minute
- Durable and powerful twin hammer mechanism
- Ergonomic housing design with steel protector ring
- High performance motor maximizes output torque
- Side mounted handle for better operator control
- Optional internal/external trigger set
- (3) forward and (3) reverse speeds



PART NO.	DRIVE SIZE (inches)	MAX TORQUE (N•m)	FREE SPEED (rpm)	BLOWS PER MINUTE
AT100IMC	1	2,983	5,000	1,400
AIR CONSUMPTION, FREE SPEED (l/min)	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )		
340	3/4	11.4		
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (optional)	
108	375	6.8	-	



## 1" Impact Wrench, Composite, Long Anvil

AT100IMCL

Packing: 1

- 2983 N.m of torque, 5500 RPM and 1400 blows per minute
- Durable and powerful twin hammer mechanism
- Ergonomic housing design with steel protector ring
- High performance motor maximizes output torque
- Side mounted handle for better operator control
- Optional internal/external trigger set
- (3) forward and (3) reverse speeds
- Long anvil version



PART NO.	DRIVE SIZE (inches)	MAX TORQUE (N•m)	FREE SPEED (rpm)	BLOWS PER MINUTE
AT100IMCL	1	2,983	5,500	1,400
AIR CONSUMPTION, FREE SPEED (l/min)		RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	
340		3/4	11.4	
SOUND LEVEL dBa PRESSURE		LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (optional)
108		527	7.7	-



## 1" Impact Wrench

AT1300B

Packing: 1

- 2700 N.m of torque, 5000 RPM and 900 blows per minute
- Durable and powerful pin-less clutch mechanism
- Ergonomic housing design with steel protector ring
- High performance motor maximizes output torque
- Side mounted handle for better operator control
- Optional internal/external trigger set
- (3) forward and (3) reverse speeds



PART NO.	DRIVE SIZE (inches)	MAX. TORQUE (N•m)	FREE SPEED (rpm)	BLOWS PER MINUTE
AT1300B	1	2,700	5,000	900
AIR CONSUMPTION, FREE SPEED (l/min)		RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	
306		1/2	12.01	
SOUND LEVEL dBa PRESSURE		LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (optional)
109		345	10.5	-



## 1" Impact Wrench, Long Anvil 6"

AT1300BL

Packing: 1

- 2700 N.m of torque, 5000 RPM and 900 blows per minute
- Durable and powerful twin hammer mechanism
- Ergonomic housing design with steel protector ring
- High performance motor maximizes output torque
- Side mounted handle for better operator control
- Optional internal/external trigger set
- (3) forward and (3) reverse speeds
- Long anvil 6" version



PART NO.	DRIVE SIZE (inches)	MAX TORQUE (N•m)	FREE SPEED (rpm)	BLOWS PER MINUTE
AT1300BL	1	2,700	5,000	900
AIR CONSUMPTION, FREE SPEED (l/min)		RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	
306		1/2	10.66	
SOUND LEVEL dBa PRESSURE		LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (optional)
109		496	12.2	-

## 1/4" Drill, Micro

AT801MCA

Packing: 1

- Composite housing with new molded comfort grip is more comfortable for the user while providing less user fatigue
- Small size, light weight and a powerful motor make this tool ideal for working in confined areas
- Durable single piece polymer composite housing stands up to rugged use, resists most shop chemicals and helps insulate against the cold generated by an air tool
- Variable speed trigger



PART NO.	CHUCK SIZE (inches)	RATED POWER (kW)	TORQUE RANGE (N•m)	
AT801MCA	1/4	0.19	0 - 2	
FREE SPEED (rpm)	SPINDLE THREAD (inches)	AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	
1,800	3/8 - 24 UNF	266	1/4" - 18 NPT	
RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)
3/8	< 2.5	96.4	183	0.68

### 3/8" Drill

AT3000

Packing: 1

- One hand forward/reverse operation
- Three planet gear design for durability and balance
- Bottom handle diffused exhaust
- Comfort grip handle
- Keyless chuck saves time when changing bits



PART NO.	CHUCK SIZE (inches)	RATED POWER (kW)	TORQUE RANGE (N•m)
AT3000	3/8	0.15	0 - 4
FREE SPEED (rpm)	SPINDLE THREAD (inches)	AIR CONSUMPTION, FREE SPEED (l/min)	
2,000	3/8 - 24 UNF	99	
AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE
1/4" - 18 NPT	3/8	< 2.5	105
LENGTH (mm)	WEIGHT (kg)	Vinyl Boot (optional)	
194	1.4	AT3000BOOT	

### 1/2" Drill

AT5000

Packing: 1

- One hand forward/reverse operation
- Three planet gear design for durability and balance
- Bottom handle diffused exhaust
- Comfort grip handle
- Keyed chuck easily handles 120 in.lbs. of torque
- Chuck key stores in handle



PART NO.	CHUCK SIZE (inches)	RATED POWER (kW)	TORQUE RANGE (N•m)
AT5000	1/2	0.33	0 - 14
FREE SPEED (rpm)	SPINDLE THREAD (inches)	AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE
490	1/2 - 20 UNF	108	1/4" - 18 NPT
RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE	LENGTH (mm)
3/8	< 2.5	82	229
WEIGHT (kg)	AUXILIARY HANDLE	VINYL BOOT (optional)	
1.7	PDAH1A	AT5000BOOT	

### 3/8" Drill, Angle

AT811

Packing: 1

- Rugged, reversible right angle drill gets in tight spots comfortably
- Convenient one hand push button forward/reverse
- Rear exhaust keeps air away from the work area
- Built in chuck key holder keeps the key at hand for quick bit changes
- Paddle style trigger for greater comfort
- Ball bearing construction for longer tool life
- Lightweight helps avoid fatigue during prolonged use
- Bottom handle diffuse exhaust



PART NO.	CHUCK SIZE (inches)	RATED POWER (kW)	TORQUE RANGE (N•m)	
AT811	3/8	0.19	0 - 6	
FREE SPEED (rpm)	SPINDLE THREAD (inches)	AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	
1,320	3/8 - 24 UNF	95	1/4" - 18 NPT	
RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)
3/8	< 0.8	110	208	1.1

### Spotweld Drill

AT184

Packing: 1

- Twist depth control collar allows precise setting of drilling depth up to 1/4"
- Two speed trigger for low or high speeds
- Pistol grip design
- Includes one 5/16" (8 mm) drill bit and removeable clamp arm



PART NO.	CHUCK SIZE (inches)	FREE SPEED (rpm)	AIR CONSUMPTION, FREE SPEED (l/min)
AT184	5/16	1,800	238
AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE
1/4" - 18 NPT	3/8	< 1.0	84
LENGTH (mm)	WEIGHT (kg)	SUPPORT ARM 5.5 (optional)	
201	1.4	AT184-26A	
SPOTWELD DRILL BIT			
6.5mm (optional)	8mm (included)	10mm (optional)	
AT183-43	AT183-50	AT183-51	

## Air Hammer

AT2050

Packing: 1



- Intended for heavy duty applications such as cutting large bolts and rivets, separating ball joints, cutting heavy gauge sheet metal and driving bushings
- Comfort grip handle
- Includes quick change retainer

PART NO.	BORE DIAMETER (inches)	BLOWS PER MINUTE	PISTON STROKE (inches)	SHANK OPENING (mm)
AT2050	3/4	3,400	2.75	10.1
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	
71	1/4" - 18 NPT	5/16	3.0	
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (optional)	
99	187	2.1	AT2050BOOT	

## 1/4" Ratchet

AT200D

Packing: 1

- Lightweight aluminum housing
- Rugged ball bearing mounted air motor and precision planetary gear system



PART NO.	DRIVE SIZE (inches)	TORQUE RANGE (N•m)	FREE SPEED (rpm)
AT200D	1/4	6 - 27	150
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )
40	1/4" - 18 NPT	3/8	3.3
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (included)
85	222	0.50	AT200D22A

## 1/4" Ratchet

AT203A

Packing: 1

- Lightweight aluminum housing
- Rugged ball bearing mounted air motor and precision planetary gear system
- Easy to use variable speed throttle plus adjustable air regulator



PART NO.	DRIVE SIZE (inches)	TORQUE RANGE (N•m)	FREE SPEED (rpm)
AT203A	1/4	6 - 34	285
AIR CONSUMPTION, FREE SPEED (l/min)		AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)
88		1/4" - 18 NPT	3/8
VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)
< 4.4	100	188	0.57

## 1/4" Ratchet, Mini

AT204A

Packing: 1

- Compact size allows for greater access to tight spaces
- Easy to use with a variable speed throttle
- Lightweight design reduces fatigue
- Comfort grip, head boot & 5' braided PU hose



PART NO.	DRIVE SIZE (inches)	MAX TORQUE (ft.lbs)	FREE SPEED (rpm)
AT204A	1/4	30	350
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )
99	1/4" - 18 NPT	5/16	3.6
SOUND LEVEL dBa PRESSURE		LENGTH (mm)	WEIGHT (kg)
94		130	0.48





### 1/4" Ratchet, Mini

AT2140

Packing: 1

- 33 N.m of torque, powerful air ratchet for its size, easily remove and install fasteners
- Robust head design for maximum strength and durability
- Adjustable exhaust directs airflow away from work area
- Soft grip handle increased comfort and reduced vibration
- Suitable for motorcycle and small engine work
- At just 0.5kg, the small, light weight designed allows longer period of handling without hand fatigue



PART NO.	DRIVE SIZE (inches)	MAX TORQUE (ft.lbs)	FREE SPEED (rpm)
AT2140	1/4	33	240
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )
99	1/4" - 18	3/8	3
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	
89	112	0.5	



### 3/8" Ratchet, Mini

AT2610

Packing: 1

- 54 N.m of torque, powerful air ratchet for its size, easily remove and install fasteners
- Robust head design for maximum strength and durability
- Adjustable exhaust directs airflow away from work area
- Soft grip handle increased comfort and reduced vibration
- Suitable for motorcycle and small engine work
- At just 0.6kg, the small, light weight designed allows longer period of handling without hand fatigue



PART NO.	DRIVE SIZE (inches)	MAX TORQUE (ft.lbs)	FREE SPEED (rpm)
AT2610	3/8	54	600
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )
68	1/4" - 18	3/8	3
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	
89	159	0.6	

### 3/8" Ratchet

AT704A

Packing: 1

- Lightweight aluminum housing
- Rugged ball bearing mounted air motor and precision planetary gear system
- Easy to use variable speed throttle plus adjustable air regulator



PART NO.	DRIVE SIZE (inches)	TORQUE RANGE (N•m)	FREE SPEED (rpm)
AT704A	3/8	6 - 75	200
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )
111	1/4" - 18 NPT	3/8	< 3.9
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	
104	266	1.5	

### 3/8" Ratchet

AT7300

Packing: 1

- 70 ft.lbs of torque output to remove stubborn fasteners
- 260 RPM's for fast removal / Installation of fasteners
- Large accessible reversing knob for easy mechanism direction changes
- Robust head design for maximum strength and durability
- Adjustable exhaust directs airflow away from work area
- Soft grip handle increased comfort and reduced vibration. Insulates against cold
- Ball bearing construction and high strength alloy steel gear system prolong tool's life



PART NO.	DRIVE SIZE (inches)	TORQUE RANGE (N•m)	FREE SPEED (rpm)
AT7300	3/8	7 - 95	260
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )
4.5 cfm	1/4" - 18 NPT	3/8	5
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (included)
103	275	1.2	AT7300BOOT

## 3/8" Ratchet

AT700F

Packing: 1

- Lightweight aluminum housing
- Rugged ball bearing mounted air motor coupled with precision planetary gear system
- Easy to use variable speed throttle plus adjustable air regulator



PART NO.	DRIVE SIZE (inches)	TORQUE RANGE (N•m)	FREE SPEED (rpm)
AT700F	3/8	6 - 61	150
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )
85	1/4" - 18 NPT	3/8	8.7
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (included)
89	257	1.6	AT700E49A

## 3/8" Ratchet, High Torque

AT702

Packing: 1

- Flywheel mechanism
- Rugged ball bearing mounted air motor coupled with precision planetary gear system
- Easy to use variable speed throttle and adjustable air regulator



PART NO.	DRIVE SIZE (inches)	TORQUE RANGE (N•m)	FREE SPEED (rpm)
AT702	3/8	6 - 81	200
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )
85	1/4" - 18 NPT	3/8	12.6
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (included)
95	265	1.1	AT700E49A

## 1/2" Ratchet

AT705B

Packing: 1

- 1/2" drive ratchet in a 3/8" drive body
- Delivers 50 ft. lb. of maximum torque
- Ball bearing mounted motor for longer tool life



PART NO.	DRIVE SIZE (inches)	TORQUE RANGE (N•m)	FREE SPEED (rpm)
AT705B	1/2	6 - 68	150
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )
85	1/4" - 18 NPT	3/8	8.7
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (included)
89	273	1.14	AT700E49A

## 1/2" Ratchet

AT7350

Packing: 1

- 70 ft.lbs of torque output to remove stubborn fasteners
- 260 RPM's for fast removal / Installation of fasteners
- Large accessible reversing knob for easy mechanism direction changes
- Robust head design for maximum strength and durability
- Adjustable exhaust directs airflow away from work area
- Soft grip handle increased comfort and reduced vibration. Insulates against cold
- Ball bearing construction and high strength alloy steel gear system prolong tool's life



PART NO.	DRIVE SIZE (inches)	TORQUE RANGE (N•m)	FREE SPEED (rpm)
AT7350	1/2	7 - 95	260
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )
4.5 cfm	1/4" - 18 NPT	3/8	5
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (included)
103	275	1.2	AT7350BOOT

## 1/4" Die Grinder, Standard

AT115

Packing: 1

- Intended for most standard deburring operations
- Ergonomic handle grip increases comfort and control
- Safety lever throttle
- Built-in speed regulator
- Brass bearing cap and hose adaptor
- Rear diffused exhaust



PART NO.	COLLET SIZE (inches)	RATED POWER (kW)	FREE SPEED (rpm)
AT115	1/4	0.15	22,000
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )
113	1/4" - 18 NPT	3/8	< 2.5
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	
102	165	0.61	

## 1/4" Die Grinder, Straight

AT1610

Packing: 1

- 22,000 RPM free speed
- Lightweight, 1.4 lbs
- 1/2 HP thermally balanced air motor
- Built-in position speed control
- Ergonomic Alcryn® comfort grip handle
- Safety style variable speed paddle trigger



PART NO.	COLLET SIZE (inches)	RATED POWER (kW)	FREE SPEED (rpm)
AT1610	1/4	0.375	22,000
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )
3.2 cfm	1/4" - 18 NPT	3/8	1.42
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (included)
99	171	0.64	AT1610BOOT

## 1/4" Die Grinder, Standard

AT105

Packing: 1

- Aluminum housing for long lasting durability
- Intended for most standard deburring operations
- High quality bearings improve productivity with less repair
- Rear exhaust directs air away from work area



PART NO.	COLLET SIZE (inches)	RATED POWER (kW)	FREE SPEED (rpm)
AT105	1/4	0.33	22,000
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )
113	1/4" - 18 NPT	3/8	< 2.5
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	
102	165	0.61	

## 1/4" Die Grinder, 115° Angle

AT1630

Packing: 1

- 20,000 RPM free speed
- Compact design with 115° angle head
- Lightweight, only 1.7 lbs
- 1/2 HP thermally balanced air motor
- Built-in position speed control
- Ergonomic Alcryn® comfort grip handle
- Safety style variable speed paddle trigger



PART NO.	COLLET SIZE (inches)	RATED POWER (kW)	FREE SPEED (rpm)
AT1630	1/4	0.375	20,000
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )
3.2 cfm	1/4" - 18 NPT	3/8	3.57
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (included)
100.7	196	0.81	AT1630BOOT

## 1/4" Die Grinder, Right Angle

AT1620

Packing: 1

- 20,000 RPM free speed
- Compact design with 90° angle head
- Lightweight, only 1.7 lbs
- 1/2 HP thermally balanced air motor
- Built-in position speed control
- Ergonomic Alcryn® comfort grip handle
- Safety style variable speed paddle trigger



PART NO.	COLLET SIZE (inches)	RATED POWER (kW)	FREE SPEED (rpm)
AT1620	1/4	0.375	20,000
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )
3.2 cfm	1/4" - 18 NPT	3/8	1.55
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	VINYL BOOT (included)
101.4	175	0.81	AT1620BOOT

## 1/4" Die Grinder, Mini, Right Angle

AT118

Packing: 1

- Clean dies, rotors, backing plates and brake pad mounts
- Remove gasket material
- Grind dies and valve seats
- Dress welds and enlarge holes
- Compact mini-design with 90° angled head for easy access
- Ergonomic handle grip increases comfort and control
- Safety lever throttle
- Built-in speed regulator
- Brass bearing cap and hose adaptor



PART NO.	COLLET SIZE (inches)	RATED POWER (kW)	FREE SPEED (rpm)
AT118	1/4	0.15	20,000
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )
113	1/4" - 18 NPT	3/8	2.5
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	
93	140	0.50	

## 1/4" Die Grinder, Mini, 115° Angle

AT119

Packing: 1

- 115° offset head provides a more ergonomic grinding position
- Thread-on style disc provides a more compact head
- One 2" quick-change disc included so tool is ready for your abrasive pad



PART NO.	COLLET SIZE (inches)	RATED POWER (kW)	FREE SPEED (rpm)
AT119	1/4	0.15	20,000
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )
59	1/4" - 18 NPT	3/8	< 6.92
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	
100	173	0.50	

## 1/4" Die Grinder, Mini, Right Angle

AT109

Packing: 1

- Aluminum housing for long lasting durability
- Compact mini design with 90° head for easy access
- High quality bearings improve productivity with less repair
- Rear exhaust directs air away from work area



PART NO.	COLLET SIZE (inches)	RATED POWER (kW)	FREE SPEED (rpm)
AT109	1/4	0.15	20,000
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )
59	1/4" - 18 NPT	3/8	2.5
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	
93	140	0.50	

## Die Grinder, Pencil, Right Angle

AT1070RA

Packing: 1

- Right angle lightweight pencil die grinder is ideal for getting in tight spaces
- Use for easy cleaning of dies, rotors, backing plates, brake pads, mounts plus many other applications
- Must be used with 1/8" shank grinding accessories rated higher than 70,000 RPM



PART NO.	COLLET SIZE (inches)	FREE SPEED (rpm)	AIR CONSUMPTION, FREE SPEED (l/min)
AT1070RA	1/8	75,000	28
AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE
1/4" - 18 NPT	3/8	2.0	72
LENGTH (mm)		WEIGHT (kg)	
150		0.21	

## 4" & 5" Die Grinder, Angle

Packing: 1

- Compact, lightweight and high performance
- Rotatable protective guard
- Aluminum alloy housing
- Ergonomic side handle
- Front exhaust
- Rotary type start switch
- Excellent for weld preparation, rust removal, deburring and blending of steel, cast iron and aluminum



PART NO.	PAD SIZE (inches)	FREE SPEED (rpm)	AIR CONSUMPTION, FREE SPEED (l/min)	LENGTH (mm)
ATGD4	4	11,000	45	235
ATGD5	5	9,500	45	235

PART NO.	AIR INLET THREAD SIZE (inches)	WEIGHT (kg)	RECOMMENDED HOSE SIZE (inches)	RATED POWER
ATGD4	1/4	2.0	3/8	470 (W), 0.63 (HP)
ATGD5	1/4	2.0	3/8	470 (W), 0.63 (HP)

## Die Grinder Kit

AT109DGK

Packing: 1

- Aluminum housing
- Compact mini design
- Rear exhaust

Kit contents in storage case:  
 AT109 Mini Angle Die Grinder  
 2" ROLOC® pad, 1 pc  
 2" Coarse discs, 2 pcs  
 2" Medium discs, 2 pcs  
 2" 24 grit discs, 2 pcs  
 2" 36 grit discs, 2 pcs  
 2" Crud discs, 2 pcs  
 3" ROLOC® pad, 1 pc  
 3" 50 grit discs, 2 pcs  
 3" 120 grit discs, 2 pcs  
 3" Crud discs, 2 pcs  
 1/4" Shank adaptor, 1 pc  
 Spanner wrenches, 2 pcs



PART NO.	COLLET SIZE (inches (mm))	RATED POWER (kW)	FREE SPEED (rpm)
AT109DGK	1/4	0.15	20,000
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )
59	1/4" - 18 NPT	3/8	2.5
SOUND LEVEL dBa PRESSURE		LENGTH (mm)	WEIGHT (kg)
93		140	0.50

## 7" Die Grinder, Angle

ATGD7

Packing: 1

- Compact, lightweight and high performance
- 1.2 hp (895W) high performance motor
- Rotatable protective guard
- Aluminum alloy housing
- Ergonomic L/R side handle
- Rotary type start switch with safety lock
- Side exhaust
- Excellent for weld preparation, rust removal, deburring and blending of steel, cast iron and aluminum



PART NO.	PAD SIZE (inches)	FREE SPEED (rpm)	AIR CONSUMPTION, FREE SPEED (l/min)	LENGTH (mm)
ATGD7	7	7,000	79	290

PART NO.	AIR INLET THREAD SIZE (inches)	WEIGHT (kg)	RECOMMENDED HOSE SIZE (inches)	RATED POWER
ATGD7	1/4	3.31	3/8	895 (W), 1.2 (HP)

## Die Grinder, Pencil

AT1070A

Packing: 1

- Twist-action variable speed control
- 5' long protected air hose
- Used with 1/8" shank grinding accessories rated higher than 54,000 RPM
- Ideal for tight spaces and easy cleaning of dies, rotors and brake pads



PART NO.	COLLET SIZE (inches)	FREE SPEED (rpm)	AIR CONSUMPTION, FREE SPEED (l/min)
AT1070A	1/8	75,000	28
AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE
1/4" - 18 NPT	3/8	2.0	72
LENGTH (mm)		WEIGHT (kg)	
135		0.25	

## 3" Cut-off Tool

AT153

Packing: 1

- Compact size is excellent for accessing areas with limited working space
- Heavy-duty bevel gears for tool longevity
- Indexing adjustable guard controls the direction of sparks
- Spindle lock eliminates the need for special wrenches for fast change of cutoff wheels
- Adjustable built-in regulator easily adjusts up to 17,000 RPM free speed



PART NO.	WHEEL SIZE (inches)	RATED POWER (kW)	FREE SPEED (rpm)	AIR CONSUMPTION, FREE SPEED (l/min)
AT153	3	0.37	17,000	99.1
AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE	
1/4" - 18 NPT	3/8	< 2.86	85	
LENGTH (mm)	WEIGHT (kg)	3" CUTTER WHEELS (OPTIONAL)		
185	1.5	1/16" thick, 36 grit	1/32" thick, 54 grit	3/32" thick, 54 grit
		AT150-20A	AT150C28A	AT150C29A

## 3" Cut-off Tool, Reversible

AT157R

Packing: 1

- Ideal for use in body shops and other general automotive applications
- Recommended for cutting mufflers, hose clamps, bolts and sheet metal
- Uses wheels only rated above 18,000 RPM
- Spark direction control
- Safety throttle lever
- Rear diffused exhaust
- Comfort grip handle



PART NO.	WHEEL SIZE (inches)	RATED POWER (kW)	FREE SPEED (rpm)	AIR CONSUMPTION, FREE SPEED (l/min)
AT157R	3	0.33	20,000	99
AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE	
1/4" - 18 NPT	3/8	< 3.8	100	
LENGTH (mm)	WEIGHT (kg)	3" CUTTER WHEELS (OPTIONAL)		
185	0.86	36 grit	54 grit	
		AT150-20A	AT150-29A	

## 2" Grinder, Angle

AT215

Packing: 1

- Ideal for body shops, automobile, truck repair and confined areas
- Grease fitting in head enables gears to be greased for longer tool life
- Includes 6 2" wheels - tool is ready for use providing convenience
- Moveable guard, up to 50° in either direction-fitting various applications
- Built in speed regulator allows user to set desired speed
- Rear exhaust with rotating deflector
- Comfort grip housing insulate from cold and vibration for less user fatigue
- Safety lever throttle prevents accidental start ups for increased safety



PART NO.	WHEEL SIZE (inches)	RATED POWER (kW)	FREE SPEED (rpm)	AIR CONSUMPTION, FREE SPEED (l/min)
AT215	2	0.37	15,000	85
AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE	
1/4" - 18 NPT	3/8	< 2.86	73	
LENGTH (mm)	WEIGHT (kg)	GRINDING DISC (optional)		
188	0.82	AT215GWSET		

## 4 1/2" Grinder, Compact

AT415B

Packing: 1

- 4 1/2" Compact grinder
- Includes (1) 4 1/2" diameter x 3/16" thick grinding disc



PART NO.	WHEEL SIZE (inches)	RATED POWER (kW)	FREE SPEED (rpm)	AIR CONSUMPTION, FREE SPEED (l/min)
AT415B	4 1/2	0.64	12,000	91
AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE	
1/4" - 18 NPT	3/8	5.1	87	
LENGTH (mm)	WEIGHT (kg)	GRINDING DISC		
254	1.9	AT415A51		

## Reciprocating Saw, Micro

AT194A

Packing: 1

- Compact size for easy access in tight quarters
- Low vibration level and lightweight yields reduced hand fatigue
- Performs straight or scroll cuts on metal or plastic
- Adjustable blade guard to control cutting depth
- Flexible, guarded hose extension helps prevent damage to finished surface and aids in maneuverability
- Blade change wrenches and guard adjustment
- Safety trigger prevent accidental start



PART NO.	FREE SPEED (rpm)	AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	
AT194A	8,250	20	1/4" - 18 NPT	
RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)
3/8	< 6.6	87	175	0.45
BI-METAL BLADE, 5PK, 3 3/34" LONG				
18TPI	24TPI	32TPI		
AT190-39A	AT190-40A	AT190-41A		

## Reciprocating Saw

AT192A

Packing: 1

- Adjustable blade guard to control cutting depth
- Comfort grip housing for greater control
- Performs straight or scroll cuts in metal and plastic
- Safety lever throttle
- Optional blades in 4" lengths are also available



PART NO.	FREE SPEED (rpm)	AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	
AT192A	11,000	28	1/4" - 18 NPT	
RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)
3/8	10.1	94	235	0.80
BI-METAL BLADE, 5PK, 3 3/34" LONG				
18TPI	24TPI	32TPI		
AT190-39A	AT190-40A	AT190-41A		

## Air Powered Shears

AT195

Packing: 1

- Trims, outlines and shears
- Replaceable brass filter screen
- Built-in speed regulator



PART NO.	AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	
AT195	113	1/4" - 18 NPT	3/8	
VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	
< 2.5	99.6	254	1.3	

## Nibbler

AT180C

Packing: 1

- Cuts mild steel sheet up to 16 gauge, 0.62" thick
- Anvil is adjustable for forward, backward and left or right cutting, enabling the nibbler to make sheet metal cuts of any configuration
- Readily cuts most non-ferrous materials including aluminum, brass, formica, laminates, fiberglass and masonite



PART NO.	FREE SPEED (rpm)	AIR CONSUMPTION, FREE SPEED (l/min)	
AT180C	3,500	113	
AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	
1/4" - 18 NPT	3/8	4.3	
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	STANDARD PUNCH
97	193	0.88	AT180B-10

## In Line Sander, Heavy Duty

AT475A

Packing: 1

- 5/8" stroke
- Minimal vibration
- For fast material removal
- Pad has positive locking clamps



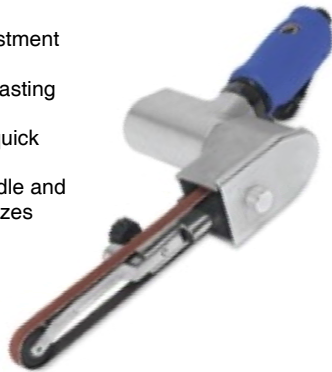
PART NO.	FREE SPEED (rpm)	AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE
AT475A	1,800	65	1/4" - 18 NPT
RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )		SOUND LEVEL dBa PRESSURE
3/8	14.9		87
LENGTH (mm)	WEIGHT (kg)	STANDARD PAD	
406	3.09	AT475A-29	

## Belt Sander

AT615

Packing: 1

- Grinding head pivots 360° for increased flexibility
- Simple belt tracking adjustment knob to adjust belt slack
- Powerful 0.5 hp for long lasting performance
- Belt guard detaches for quick abrasive changes
- Ergonomic 7° off set handle and lightweight design minimizes operator fatigue



PART NO.	RATED POWER (kW)	FREE SPEED (rpm)	
AT615	0.3	20,000	
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	
119	1/4" - 18 NPT	3/8	
VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)
1.36	95	359	1.20

## Belts

Packing: 5



PART NO.	DESCRIPTION	SIZE (inches)	GRIT
ATBA381860	Coated Abrasive	3/8 x 18	60 Grit
ATBA381880		3/8 x 18	80 Grit
ATBA3818120		3/8 x 18	120 Grit
ATBA121860		1/2 x 18	60 Grit
ATBA121880		1/2 x 18	80 Grit
ATBA1218120		1/2 x 18	120 Grit
ATBA341860		3/4 x 18	60 Grit
ATBA341880		3/4 x 18	80 Grit
ATBA3418120		3/4 x 18	120 Grit
ATBB121850		Nonwoven Abrasive	1/2 x 18
ATBB1218100	1/2 x 18		100 Grit
ATBB1218240	1/2 x 18		240 Grit
ATBB341850	3/4 x 18		50 Grit
ATBB3418100	3/4 x 18		100 Grit
ATBB3418240	3/4 x 18		240 Grit
ATBB381850	3/8 x 18		50 Grit
ATBB3818100	3/8 x 18		100 Grit
ATBB3818240	3/8 x 18		240 Grit



## 6" Sander, Dual Action

AT411A

Packing: 1

- For fine sanding operations and swirl free finishing
- Comfort handle helps reduce fatigue
- Converts from rotary to random orbit action by sliding drive plate
- Built-in thumb wheel speed regulator



PART NO.	PAD SIZE (inches)	RATED POWER (kW)	FREE SPEED (rpm)	
AT411A	6	0.37	10,000	
SPINDLE THREAD (inches)	AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	
5/16 - 18 UNC	142	1/4" - 18 NPT	3/8	
VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	STANDARD PAD
3.7	79	203	2.14	AT411A-1

## 8" Sander, Dual Action

AT408

Packing: 1

- Comfort handle helps reduce fatigue
- Rear diffused exhaust
- Built-in adjustable speed regulator
- Variable speed control
- Removable brass filter screens out debris



PART NO.	PAD SIZE (inches)	RATED POWER (kW)	FREE SPEED (rpm)	
AT408	8	0.37	850	
SPINDLE THREAD (inches)	AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	
5/16 - 24	142	1/4" - 18 NPT	3/8	
VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	STANDARD PAD
3.7	87	281	2.18	AT408-2

## 5" Sander Reversible, High Speed

AT425R

Packing: 1

- Use in body shops and other general automotive applications
- Includes 3", 4" and 5" backing discs
- One hand forward / reverse lever
- Comfort grip handle
- Built-in speed regulator
- 1 year limited warranty on tool
- No warranty on consumables
- CE-DE, ES, FR, IT, GB



PART NO.	PAD SIZE (inches)	RATED POWER (kW)	FREE SPEED (rpm)
AT425R	5	0.33	13,000
SPINDLE THREAD (inches)	AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)
7/16 - 20 UNC	122	1/4" - 18 NPT	3/8
VIBRATION LEVEL (m/s <sup>2</sup> )	SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)
< 0.8	93	135	1.28
STANDARD PAD		REPLACEMENT PADS (OPTIONAL)	
5"		3"	4"
AT425R-24	AT425R-22	AT425R-23	

## Polisher, Heavy Duty, Vertical

AT460BP

Packing: 1

- Removable side handle



PART NO.	PAD SIZE (inches)	RATED POWER (kW)	FREE SPEED (rpm)	SPINDLE THREAD (inches)
AT460BP	7	0.49	4,500	5/8 - 11
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	
136	1/4" - 18 NPT	3/8	< 2.5	
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	STANDARD PAD	SPANNER WRENCH (opt.)
83	185	2.27	AT450-46H	AT450-50



## 5" Orbital Air Sanders

ATSDA5

Packing: 1

- Palm sized for one hand operation
- Vacuum type to keep dust-free environment and improve operator ease of usage
- High speed dual-action motion
- Small orbiting diameter of 5mm produces swirl-free finishes
- Low vibration level and low noise level for comfort prolong use
- ATSDA5KIT is the kit part no.



PART NO.	PAD SIZE (inches)	RATED POWER (kw)	FREE SPEED (rpm)	AIR INLET THREAD SIZE
ATSDA5	5	0.33	1,200	1/4" - 18 NPT
RECOMMENDED HOSE SIZE (inches)	SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	
3/8	87	193	1	



## 6" Orbital Air Sanders

ATSDA6

Packing: 1

- Palm sized for one hand operation
- Vacuum type to keep dust-free environment and improve operator ease of usage
- High speed dual-action motion
- Small orbiting diameter of 6mm produces swirl-free finishes
- Low vibration level and low noise level for comfort prolong use
- ATSDA6KIT is the kit part no.



PART NO.	PAD SIZE (inches)	RATED POWER (kw)	FREE SPEED (rpm)	AIR INLET THREAD SIZE
ATSDA6	6	0.33	1,200	1/4" - 18 NPT
RECOMMENDED HOSE SIZE (inches)	SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)	
3/8	90	203	1	

## 3" Surface Prep Tool, Micro

AT401MCA

Packing: 1

- Ideal for removing paint, rust, gasket material, grinding welds or brake rotors in confined areas
- Accepts 2" and 3" ROLOC® pads
- Built-in speed regulator offers easy one hand operation



## Surface Prep Kit, Micro, 13pcs

AT401MCKA

Packing: 1

- Storage case packaging, Kit includes:  
AT401MCA micro surface prep tool  
2" ROLOC® pad, 1 pc  
3" ROLOC® pad, 1 pc  
2" 40 grit pads, 5 pcs  
3" 80 grit pads, 5 pcs



PART NO.	PAD SIZE (inches)	RATED POWER (kW)	FREE SPEED (rpm)	SPINDLE THREAD (inches)
AT401MCA	3	0.19	15,000	1/4 - 20 UNF
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s²)	
59	1/4" - 18 NPT	3/8	< 2.5	
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)		
84	119	0.44		

### 3" Sander, Dual Action, Micro

AT402MCA

Packing: 1

- Delivers fine swirl free results when sanding, feather edging etc.
- Durable single piece polymer composite housing on sander stands up to rugged use, and resists most shop chemicals



### 3" Sander Kit, Micro, Dual Action, 72pcs

AT402MCKA

Packing: 1

- Storage case packaging, Kit includes:  
AT402MCA micro sander  
3" Hook-It® pad, 1 pc  
3" 180 grit pads, 25 pcs  
3" 200 grit pads, 25 pcs  
3" 320 grit pads, 10 pcs  
3" 800 grit pads, 25 pcs



PART NO.	PAD SIZE (inches)	RATED POWER (kW)	FREE SPEED (rpm)	SPINDLE THREAD (inches)
AT401MCA	3	0.19	15,000	5/16 - 24 UNF
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	
59	1/4" - 18 NPT	3/8	< 2.5	
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)		
84	133	0.50		

### 3" Polisher, Micro

AT403MCA

Packing: 1

- Ideal for polishing motorcycles, bumpers, wheels and more
- Durable single piece polymer composite housing on sander stands up to rugged use, and resists most shop chemicals



### 3" Polisher Kit, Micro, 5pcs

AT403MCKA

Packing: 1

- Storage case packaging, Kit includes:  
AT403MCA micro polisher  
3" Hook-It® pad, 1 pc  
3" wool pad, 1 pc  
3" foam pad, 2 pcs



PART NO.	PAD SIZE (inches)	RATED POWER (kW)	FREE SPEED (rpm)	SPINDLE THREAD (inches)
AT403MCA	3	0.19	6,000	5/16 - 20 UNF
AIR CONSUMPTION, FREE SPEED (l/min)	AIR INLET THREAD SIZE	RECOMMENDED HOSE SIZE (inches)	VIBRATION LEVEL (m/s <sup>2</sup> )	
62	1/4" - 18 NPT	3/8	< 2.5	
SOUND LEVEL dBa PRESSURE	LENGTH (mm)	WEIGHT (kg)		
86	143	0.60		

### Pistol Air Screwdriver 2500rpm

ATSD25

Packing: 1

- Pistol type screwdriver
- Cushion Clutch
- Reversible one-hand operation
- Composite molded housing, light weight
- Adjustable torque
- Comfortable Ergo-grip handle
- Trigger with feathering, variable speed
- Low roll back reaction



PART NO.	SCREW SIZE CAPACITY (mm)	MAX. TORQUE (Nm)	FREE SPEED (rpm)	AIR CONSUMPTION, FREE SPEED (l/min)
ATSD25	6	17	2,500	283
LENGTH (mm)	AIR INLET THREAD SIZE	NET WEIGHT (kg)	SOUND LEVEL dBa PRESSURE	
212	1/4	1.08	88	



## Straight Air Screwdriver

### Straight Air Screwdriver 1450rpm

ATSD15

Packing: 1

- Straight type screwdriver
- Cushion Clutch
- Adjustable torque
- Reversible button with lock on feature & throttle lever start
- Lightweight
- Quick torque adjustment



PART NO.	SCREW SIZE CAPACITY (mm)	MAX.TORQUE (Nm)
ATSD15	5	5
FREE SPEED (rpm)	AIR CONSUMPTION, FREE SPEED (l/min)	LENGTH (mm)
1,450	170	279
AIR INLET THREAD SIZE	WEIGHT (kg)	SOUND LEVEL dBa PRESSURE
1/4	0.97	75

### Straight Air Screwdriver 1900rpm

ATSD19

Packing: 1

- Straight type screwdriver
- Cushion Clutch
- Adjustable torque
- Reversible & lever start
- Lightweight
- Quick torque adjustment



PART NO.	SCREW SIZE CAPACITY (mm)	MAX.TORQUE (Nm)
ATSD19	5	5
FREE SPEED (rpm)	AIR CONSUMPTION, FREE SPEED (l/min)	LENGTH (mm)
1,900	127	229
AIR INLET THREAD SIZE	WEIGHT (kg)	SOUND LEVEL dBa PRESSURE
1/4	1.01	85

### Pocket Blow Gun

BLPPBG14

Packing: 1

- Light weight and easy operation
- Portable pencil style design
- It could be the inflator with rubber tip
- Max input pressure: 150PSI
- Max output pressure: 90PSI
- Air flow: 450 L/m
- Plug type: ARO, TRU-FLATE, Universal 1/4" pipe threading



### Blow Gun

JT13B

Packing: 1

- Tapered, rubber tip for a leak proof connection between gun and fluid line
- Vinyl coated control lever
- Hanging hook for storage
- 4 1/2" long



### Blow Gun

YA105020

Packing: 1

- 20" bent nozzle
- Trigger provides variable air flow control
- Lightweight body with ergonomically designed grip provides comfort and control
- Insulated handle prevents cold hands
- Venturi tip directs air sideways if tip end is obstructed
- Reinforced 1/4"-18NPT inlet
- Maximum air pressure: 232 PSI (16 BAR)



### Blow Gun

YA1050B

Packing: 1

- Pistol grip style with front full size trigger
- Infinitely variable flow
- 10 1/4" long



### Blow Gun

YA1055B

Packing: 1

- Each gun includes hanging hook and paddle-type air control lever
- Variable flow trigger offers precise air flow control
- Six-outlet "star tip" delivers an even distribution of air
- 4" Full Flow tube and ergonomic handle for increased comfort
- Triggers regulate airflow from partial to full line pressure
- Maximum Working Pressure: 175 PSI (12 bar)
- Complies with OSHA safety standards
- Valve has no cutoff and no restrictions
- Each tip is side vented
- Air Inlet: 1/4" NPT



### Regulator, Combination Air Line

AHRB200

Packing: 1



PART NO.	INLET/OUTLET PORT SIZE	ADJUSTABLE PRESSURE RANGE
AHRB200	1/2" NPT (F)	5 - 120 psig (0.5 - 8.5 kgf/cm <sup>2</sup> )
MAXIMUM SERVICE PRESSURE	OIL CAPACITY	OPERATING TEMPERATURE RANGE PRESSURE
140 psig (9.9 kgf/cm <sup>2</sup> )	80ml	41° - 140° F (5° - 60° C)

## Carbide Burr Set, 8pcs

BLPCBS8

- Nylon pouch with logo printing packaging
- Made of tungsten carbide K25 material
- Most popular burr style for ferrous applications
- Flutes ground in both the left and right hand directions
- Better operator control and rapid stock removal in harder materials
- Designed for surface milling and contouring in brass, copper, cast iron, carbon steels, stainless steel, steel elements and titanium



Packing: 1

CONTENTS	BURR DESCRIPTION	SHANK SIZE (inches)	FLUTE LENGTH (inches)	HEAD DIAMETER (inches)
CBC-1	Cylindrical	1/4	5/8	1/4
CBCR-2	Cylindrical with radius end		3/4	3/8
CBB-3	Ball shaped		1/4	5/16
CBO-4	Oval		7/8	1/2

CONTENTS	BURR DESCRIPTION	SHANK SIZE (inches)	FLUTE LENGTH (inches)	HEAD DIAMETER (inches)
CBTR-5	Tree with radius end	1/4	1	1/2
CBTP-6	Tree with pointed end		3/4	3/8
CBAT-7	14° included angle taper		11/8	1/2
CBC-8	Cone shaped		7/8	1/2

## Grinding Wheel Set

ETA125A

Packing: 1

- Use with ET1350/ET1360
- Maximum rating of 12,000 RPM
- Pack of 5 discs



## Cut Off Wheel

AT415CWMP

Packing: 1

- Use for metal notching and bolt cutting
- Use on 4 1/2" grinders with 5/8" x 11" thread arbor
- Maximum rating of 13,300 rpm
- Front and back illustrated
- Pack of 5 discs



## Grinding Wheel

AT415T27MP

Packing: 1

- Use for rough grinding applications
- Use on 4 1/2" grinders with 5/8" x 11" thread arbor
- Maximum rating of 13,300 rpm
- Pack of 5 discs



## Flap Discs

Packing: 1



PART NO.	DIAMETER (inches)	TYPE	GRIT	QUANTITY TO PACK
AC2Z40T27MP	2	27	40	10
AC2Z60T27MP	2	27	60	10
AC2Z80T27MP	2	27	80	10
AC4Z60T27MP	4	27	60	10

## Flap Wheels

Packing: 1

- Applications include cleaning, edge blending and smoothing metal, plastic or wood
- 3" aluminum oxide flap wheel is designed to provide fast cutting action
- 1/4" stem on solid hub permits a higher RPM rating and increased productivity
- Use on electric and pneumatic drills



PART NO.	DIAMETER (inches)	GRIT	QUANTITY TO PACK
AC3160FWMP	3	60	10
AC3180FWMP	3	80	10
AC31120FWMP	3	120	10

## Wire Wheel, Crimped, 3"

AC616

Packing: 1

- A great general purpose cleaner
- Features individual crimped filaments that support each other while being flexible
- General applications include deburring, weld cleaning, rust and paint removal
- Use on electric and pneumatic drills
- 0.0118 CWS-1/4



PART NO.	BRUSH DIAMETER (inches)	SHANK SIZE ARBOR SIZE (inches)	WIRE DIAMETER (inches)	MAXIMUM RATED (rpm)
AC616	3	1/4	0.118	20,000

## Wire Wheel, Knotted

Packing: 1

- Use for heavy duty cleaning
- Ideal for pre-welding prep and weld cleaning



PART NO.	BRUSH DIAMETER (inches)	SHANK SIZE ARBOR SIZE (inches)	WIRE DIAMETER (inches)	MAXIMUM RATED (rpm)
AC420A	4	5/8 x 11	0.020	20,000
AC421A	4	M10 x 1.25	0.020	20,000

## End Brush

Packing: 1

- Features individual crimped filaments that support each other while being flexible
- Ideal for cleaning right angles



PART NO.	BRUSH DIAMETER (inches)	SHANK SIZE ARBOR SIZE (inches)	WIRE DIAMETER (inches)	MAXIMUM RATED (rpm)
AC10302	1/2	1/4	0.014	25,000
AC10306	3/4	1/4	0.014	22,000

## Wire Brush

Packing: 1

- Features individual crimped filaments that support each other while being flexible
- Use for medium duty general purpose cleaning



PART NO.	BRUSH DIAMETER (inches)	SHANK SIZE ARBOR SIZE (inches)	WIRE DIAMETER (inches)	MAXIMUM RATED (rpm)
AC17D	1	1/4	0.006	20,000
AC243	3	5/8 - 11	0.014	14,000

## Wool Velcro Pad

ABU10-050

Packing: 1

- 8" x 25" Wool Velcro Pad
- Ideal for cutting, buffing, and removal of scratches and paint imperfections
- 1 1/2" wool pile last longer than standard wool pads
- Washable for easy clean up
- Use for base and clear coats, acrylic, enamel, lacquer, urethane, fiberglass, plastics and other applications



## Air Hoses

AIRHOSE35

Packing: 1

- Extremely lightweight for easy maneuverability
- Reinforced construction eliminates layer separation resulting from expansion and contraction during pulsating operations



- More abrasion resistant than PVC and rubber hoses
- Easy to wrap and store even in subzero weather
- UV stabilized for longer outdoor life
- Strain relief features a tight bending radius to virtually eliminate hose kinking
- Reusable fittings and strain reliefs for longer life

## Step Drill Set, 3pcs

YAS203A

Packing: 1



PART NO.	CONTENT	HOLE SIZES PER BIT	INCREMENTS (inches)	LENGTH (inches)	SHANK SIZE (inches)	SIZE RANGE (inches)
YAS203A	YA261A	13	1/32	3 1/4	1/4	1/8 - 1/2
	YA262A	6	1/16	3 3/8	1/4	3/16 - 1/2
	YA263A	9	1/16	2 5/8	3/8	1/4 - 3/4

## Cobalt Drill Bit Set, 21pcs

DBBPC21

Packing: 1

- DBBPC1/16 thru DBBPC3/8 (1/16" to 3/8") in metal drill bit index



## HSS Drill Bit Set, 21pcs

DBBP21

Packing: 1

- DBBP1/16 thru DBBP3/8 (1/16" to 3/8") in metal drill bit index



## Titanium Coated Drill Bit Set, 13pcs

DBBPT13

Packing: 1

- DBBPT1/16 thru DBBPT1/4 (1/16" to 1/4") in metal drill bit index





## Air Line Couplers & Adaptors

Packing: 1

- All adaptors are plated steel to improve durability

PART NO.	DESCRIPTION	BODY SIZE (inches)	STYLE	THREAD SIZE (inches)
AHC21PD*	Quick Coupler Female	1/4	Rigid Mounting	1/4 - 18 NPT
AHC21PMD	Quick Coupler Male	1/4	Industrial Interchange	1/4 - 18 NPT
AHC21D	Quick Coupler Female			
AHC21MD	Adaptor Male			
AHC21FD	Adaptor Female			
AHC23PMD	Quick Coupler Male	1/4	ARO®	1/4 - 18 NPT
AHC23D	Quick Coupler Female			
AHC23MD	Adaptor Male			
AHC23FD	Adaptor Female			
AHC24D	Quick Coupler Female	1/4	Tru-Flate®	1/4 - 18 NPT
AHC24MD	Adaptor Male			
AHC24FD	Adaptor Female			
AHC26D	Quick Coupler Female	1/4	Lincoln	1/4 - 18 NPT
AHC26MD	Adaptor Male			
AHC26FD	Adaptor Female			
AHC22E	Quick Coupler Female	3/8	Industrial Interchange	1/4 - 18 NPT
AHC22MD	Adaptor Male			
AHC22FD	Adaptor Female			
AHC28D	Quick Coupler Female	3/8	Industrial Interchange	3/8 - 18 NPT
AHC28MD	Adaptor Male			
AHC28FD	Adaptor Female			
AHC25D	Quick Coupler Female	3/8	Tru-Flate®	3/8 - 18 NPT
AHC25MD	Adaptor Male			
AHC27D	Quick Coupler Female	1/2	Industrial Interchange	1/2 - 18 NPT
AHC27MD	Adaptor Male			
AHC27FD	Adaptor Female			
AHCC91C	Quick Coupler Male	1/4	Hi-Flow HVLP	1/4 - 18 NPT
AHCC90C	Quick Coupler Female			
AHCCP90C	Adaptor Female			
AHCCP97C	Adaptor Male			



AHC21PD



AHC21MD



AHC23PMD



AHC24MD



AHC26D



AHC22MD



AHC28MD



AHC27MD



AHCC91C



AHCC90C



AHCCP90C



AHCCP97C

\* Conforms to Mil Spec MIL-C-4109F

# MEASURING & INSPECTION TOOLS



*Blue-Point*<sup>®</sup>

Advanced Lighting, Imaging & Measuring



### Feeler Gauges, 13pcs

FB310B

Packing: 1



### Feeler Gauges, 25pcs

FB325A

Packing: 1



### Feeler Gauges, 35pcs

FB335

Packing: 1



PART NO.	INCREMENTS	BLADE SIZE	STYLE	BLADE DIMENSIONS (inches)	NO. OF BLADES	DESCRIPTION
FB310B	-	.001", .0015", .002" thru .008", .010", .012", .013", .015"	General Use	1/2 x 3	13	Double stamped with U.S. and metric sizes
FB325A	.001"	.0015", .002" thru .025"	General Use	1/2 x 3	25	Double stamped with U.S. and metric sizes
FB335	.001"	.0015", .002" thru .035"	General Use	1/2 x 3	35	Swedish feeler blade steel

### Feeler Gauges, 18pcs

FB316B

Packing: 1



### Feeler Gauges, 20pcs

FBM320

Packing: 1



### Feeler Gauges, 25pcs

FBL325A

Packing: 1



PART NO.	INCREMENTS	BLADE SIZE	STYLE	BLADE DIMENSIONS (inches)	NO. OF BLADES	DESCRIPTION
FB316B	.001"	.010", .012", .013", .015" thru .022", .024" thru .026", .028", .030", .032", .035"	Short Blade Ignition / Spark Plug Gauge	1/4 x 1 3/4	18	Short Blade, Ignition / Spark Plug Gauge Set
FBM320	.05mm	.05 thru 1mm	Metric General Use	1/2 x 3	20	Metric Feeler Gauge Set
FBL325A	.001"	.0015", .002" thru .021", .025", .027", .030", .040"	Long Blade General Use	1/2 x 12	25	Long blade, double stamped with U.S. and metric sizes

### Feeler Gauges, 12pcs

FB308D

Packing: 1



### Feeler Gauges, 25pcs

FB300A

Packing: 1



### Feeler Gauges, 26pcs

FB326B

Packing: 1



PART NO.	INCREMENTS	BLADE SIZE	STYLE	BLADE DIMENSIONS (INCHES)	NO. OF BLADES	DESCRIPTION
FB308D	.001"	.008"-.010", .011"-.013", .013"-.015", .014"-.016", .015"-.017", .017"-.019", .018"-.020", .020"-.022", .023"-.025", .025"-.027", .026"-.028", .028"-.030"	Step Blade	1/2 x 3	12	Step Feeler Gauge Set. Bent handle to clear manifolds, double stamped with U.S. / Metric sizes. Blades are mounted on FBFT7 holder
FB300A	.001"	.006" thru .030"	Bent Blade	1/2 x 3	25	Feeler Gauge Set
FB326B	.001"	.008", .010", .012", .013", .015", .017", .018", .020", .022", .024" thru .026", .028", .030", .032", .035"	Combination Feeler / Ignition Gauge	1/2 x 3	26	Double stamped with U.S. and metric sizes

### Feeler Gauges, 2pcs

FB328A

Packing: 1



### Feeler Gauges, 2pcs

FBM322

Packing: 1



### Feeler Gauges, 22pcs

FB322

Packing: 1



PART NO.	INCREMENTS	BLADE DIMENSIONS (inches)	BLADE SIZE	NO. OF BLADES	DESCRIPTION
FB328A	-	1/2 x 3	.011"-.013", .013"-.015"	2	For valve adjustment on GM 8.2L engines, double stamped with U.S. and metric sizes
FBM322	-	1/2 x 3	.20-.30mm, .40-.50mm	2	i.e. 10 3/4" long bent handle
FB322	.001"	1/2 x 3 3/8	.004"-.006" thru .025"-.027"	22	"Go-No Go" blades with 2 sizes each

## Feeler Gauges, 14pcs

FB307D

Packing: 1

- Bent blade cummins diesel, blade ends are bent at 90° angle
- Blades are secured on FB307C1 ring



PART NO.	INCREMENTS	BLADE DIMENSIONS (inches)	BLADE SIZE	NO. OF BLADES
FB307D	.001"	1/2 x 4 1/2	.008", .011" thru .014", .016" thru .018", .020", .023" thru .025", .027", .029"	14

## Measuring Tapes

Packing: 1

- Rubberized coating for better grip
- Tape auto-lock when extended
- Nylon coated tape



PART NO.	LENGTH (meter)
BMPLM3	3
BMPLM5	5
BMPLM8	8

## Dividers, 6"

CNT6521

Packing: 1

- Spring type divider has virtually no torsion or side play



## Feeler Gauges, 20pcs

BLPFG20A

Packing: 1

- Material: C45
- Shiny surface
- Blade size: 0.05mm-1mm



## Long Tape, Steel, 100ft

TPM100

Packing: 1

- Includes inch and metric scale
- Quick rewind design for ease of use
- Rewinding lever conveniently stored in housing
- Non-slip grip provides confidence and comfort



## Angle Locator

YA328A

Packing: 1

- Precise, accurate tool to determine angle measurements
- Ideal for checking drive shaft angle
- Red degree indicator located behind numbers for exact reading of graduations
- English and metric scales molded into base of tool in 1/8" and DM
- Large 1 7/8" x 7/8" magnet inserted in base for secure retention



## Digital Caliper

MCAL6A

Packing: 1

- Gauge is 0" to 6" (0 to 150mm) in 0.0005" (0.01mm) resolutions
- Use for inside, outside, depth and step measurements
- Inch/metric conversion with one button
- Large LCD display
- Hardened stainless steel frame
- Conform to standard : GB1214



## Digital Caliper

MCAL12A

Packing: 1

- Essential tool for working on larger vehicles, trucks, tractors and earth moving equipment
- Range is 0" to 12" (0 to 305mm) in 0.0005" (0.01mm) resolutions
- Use for inside, outside, depth and step measurements
- Inch/metric conversion with one button
- Large LCD display with floating zero set
- Locking nut and thumb roll for smooth action
- Conform to standard : GB1214



## Magnetic Holder

CM6416

Packing: 1

- Magnet has "on/off" switch
- Base is 2 3/8" x 1 7/8" x 2 1/2"
- Post is 7" x 15/16"
- Rod is 6" x 25/64"
- Will grip flat or curved metal surfaces



## Dial Type Caliper

PMF147A

Packing: 1

- Gauge is 0" to 6" in high (0.001" increments) and metric (0.1mm increments)
- Includes storage case
- Conform to standard : GB1214



## Combination Measuring Set

SQUARECOMB12

Packing: 1

- Storage case packaging



## Machinist's Measuring Set

SQUAREB12

Packing: 1

- Storage case packaging



PART NO.	CONTENTS
SQUARECOMB12	SQUAREB180 Square Protractor Head
	RULER12BSQ Steel Ruler, 12"
	SQUAREB90 Square Sliding Head
	SQUAREB45 Square Sliding Head 45°

PART NO.	CONTENTS
SQUAREB12	SQUAREB90 Square Sliding Head
	RULER12BSQ Steel Ruler, 12"

## Digital Micrometers



Packing: 1

PART NO.	RANGE (mm)	INCREMENTS (mm)
MIC1MB	0-25	0.01
MIC2MB	25-50	0.01
MIC3MB	50-75	0.01
MIC4MB	75-100	0.01
MIC5MB	100-125	0.01
MIC103MB	Digital Metric Micrometer Set, 3pcs MIC1MB, MIC2MB, MIC3MB in fitted case with standards	

## Digital Micrometers



Packing: 1

PART NO.	RANGE (inches)	INCREMENTS (inches)
MIC1B	0-1	0.0001
MIC2B	1-2	0.0001
MIC3B	2-3	0.0001
MIC4B	3-4	0.0001
MIC5B	4-5	0.0001
MIC103B	Digital Micrometer Fractional Set, 3pcs MIC1B, MIC2B, MIC3B in fitted case with standards	

## Outside Micrometers



Packing: 1

PART NO.	RANGE (inches)	INCREMENTS (inches)
MICB1B	0-1	0.0001
MICB2B	1-2	0.0001
MICB3B	2-3	0.0001
MICB4B	3-4	0.0001
MICB5B	4-5	0.0001
MICB103B	SAE Set, 3pcs MICB1B, MICB2B, MICB3B in fitted case with standards	

## Electronic Digital Micrometers

### MICED1B

Packing: 1

- Display reads to 0.00005" (0.001mm)
- Zero set for absolute and incremental measuring modes
- Auto shut-off after 10 minutes
- Insulated frame, hardened body, carbide tipped anvil, positive locking clamp and ratchet stop thimble



## Inside Micrometer Set, 7pcs

### MICINSIDE12

Packing: 1

- Tubular design
- Range is 2" to 12" in .001" increments
- Includes inside micrometer head and a series of coil spring pressure contact rods



## Depth Micrometer Set

### DM6

Packing: 1

- Measure depths of slots, counterbores, holes and keyways up to 6" in depth
- 4" satin chrome base for greater stability
- Graduated in .001" increments
- Includes fitted storage case

PART NO.	DESCRIPTION
DM61	4" rod
DM62	5" rod
DM63	6" rod
DM64	7" rod
DM65	8" rod
DM66	9" rod
DM67	Micrometer Head





## Steel Rule, 15cm

BLPSR15

Packing: 1

- Material: C45



## Thermometer

ACT73A

Packing: 1

- Range 0° F to 220° F (-18° C to 105° C) in 2° increments
- Checks temperature of condenser, outside air, and cooling power



## Dial Type Thermometer

ACT83A

Packing: 1

- Range 0° F to 220° F in 2° increments
- Storage case
- Stem should be immersed about 2" in liquids, 4" in gases



## Pocket Digital Thermometer

TEMP10

Packing: 1

- Measures liquid, air and surface temperatures via sturdy stainless steel probe
- Digital display for easy viewing
- Angle viewing head can be lifted and rotated 180° for a different viewing angle
- Convertible from Fahrenheit (F) to Centigrade (C) temperature ranges
- The -58° F to 300° F (-50° C to 150° C) temperature range enables use on a wide range of applications
- Tactile on/off button for easy operator use (auto off function extends battery life)
- Tactile data hold button holds the reading when the display cannot be seen
- Temperature range noted on bevel
- Plastic carrying sheath protects the user when carried in shirt pocket



## Infrared Thermometer

RTEMPB3A

Packing: 1

- Temperature range of -58° to 932°F (-20°C to 500°C)
- Use for most automotive and industrial applications requiring an infrared thermometer
- Compact size of 5.88" x 3.62" x 1.38" (149.2 x 92.1 x 34.9mm)
- Laser targeting accuracy
- Enhanced backlit 4 digit LCD for easy viewing
- Automatic power-off after 10 seconds
- Nylon holster for transport and safe storage
- Safely monitor hot, hazardous, or hard to reach materials without contamination or damage to the surface
- Simply point at target, pull the trigger, and read the temperature on the large, backlit LCD display



## Antifreeze Hydrometer

AF102

Packing: 1

- Degree of protection is indicated by direct reading-no temperature compensating scales are required
- Range of +32°F to -60°F
- Includes Celsius scale
- Tests hot and cold solutions



## Digital Tire Inflator

BLPDTPG175

Packing: 1

- Easy change chuck system
- 1 button operation
- Auto shut-off for increased battery life
- Displays KgF, BAR, PSI, KPA measurements
- Large face LCD digital read-out
- Unit covered with rubber sleeve for extra comfort and durability
- ON power Button, auto shut off in 90 seconds if not in use
- LCD backlight
- 2-position lever – 1st position deflates, 2nd position inflates
- With 21" hose
- 2 AAA batteries



## Dial Tire Gauge

PG60

Packing: 1

- 12" flex hose and bleeder valve
- Dual scale pressure range – 60 psi, 410 kPa
- 1% accuracy
- Swivel angle chuck
- Ideal for automobile and light truck service



## Dial Tire Inflator / Gauge

TIF160

Packing: 1

- 1% accuracy allows for use on vehicles equipped with TPMS sensors
- Shorter hose and body length make this gauge ideal for use on cars and light trucks
- Rugged dial and plunger style mechanism preserve gauge accuracy when dropped
- Stainless Steel Braided Hose
- 6-160 PSI, 60-1100kPa



## Pressure Gauge

TPGIF1600A

Packing: 1

- 10 to 120 PSI in 2 pound increments 1/4"
- 1/4" FNPT air inlet fitting
- Swiveling hose for easy gauge positioning
- Zinc body with heavy duty brass valves
- Easy to read sight glass featuring PSI and kPa readings



## Pressure Gauge

TPGP120

Packing: 1

- Calibrated in 2 psi increments from 20 to 150 PSI and in 10 kPa increments from 150 to 800 kPa
- Chrome plated
- 5 3/4" long

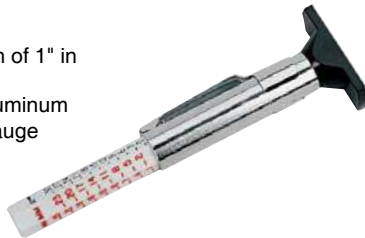


## Tread Depth Gauge

GA599A

Packing: 1

- Measures to a depth of 1" in 1/32" increments
- Plastic body with aluminum probe and sliding gauge
- Includes pocket clip



## Air Adjusting Valve, with Gauge

BF555

Packing: 1

- Designed for use with HVLP spray guns
- Includes 160 PSI pressure gauge
- Air Inlet: 1/4" M.P.T
- Air Outlet: 1/4" F.P.T. (swivel nut)



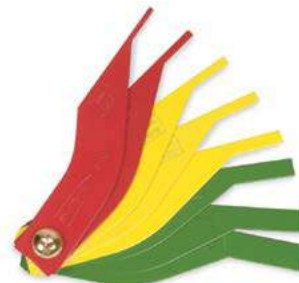
## Brake Gauge Set

BTG8

Packing: 1

- Color coded gauges provide instant feedback on brake pad/shoe condition
- Constructed from 20 gauge sheet metal with durable powder coat finish
- Pad/shoe condition is indicated with color by the respective testing gauge
- Set includes 8 different testing blades of various colors and thickness

RED Indicates service required	YELLOW Indicates caution	GREEN Indicates an OK situation
Blade Thickness		
2mm (0.0787") 3mm (0.1181")	4mm (0.1575") 5mm (0.1969") 6mm (0.2362")	8mm (0.3150") 10mm (0.3937") 12mm (0.4724")



## Gauge Set

FBS5

Packing: 1



PART NO.	CONTENTS
FBS5	FB300A Bent Blade Feeler Gauge
	FB305A Non-magnetic Feeler Gauge
	FB325A General Use Feeler Gauge
	GA461B Spark Plug Gap Gauge
	FB360B Spark Plug Gap Gauge
	FBS5-1 Kit Bag

## Rotor Micrometer

RM130

Packing: 1

- Range of .30" to 1.3" in .0001" graduations
- 3.5" deep frame
- Pointed anvil for checking grooves
- Includes 1" checking standard and storage case



## Brake Caliper Kit, 7pcs

YA8610B

Packing: 1

- Set includes one tool and seven adaptors in a storage case
- Assists in replacement of brake pads on most 4-wheel disc brake cars
- Tool and adaptors position brake piston back into caliper to allow clearance for newer, thicker brake pads
- Designed for most Audi, Chrysler Corporation, Ford, GM, Honda, Jaguar, Mazda, Mini Cooper, Mitsubishi, Nissan, Saturn, Subaru, Toyota, Volkswagen and Volvo



## Digital Drum Gauge

DG530

Packing: 1

- Measures automotive and heavy duty brake drums
- Pointed anvils and 4.25" long arms allow increased measurement accuracy and coverage
- Easy to read digital display with inch/metric conversion
- Selectable depth stops for easier use
- Range 6"-20.65"/150mm-515mm
- Graduations .0005"/.01mm



## Brake Spring Tool

BT9

Packing: 1

- Quickly and easily removes or replaces springs
- Allows mechanics to press spring into place with one simple motion, taking the place of the slide mechanism
- Includes two mechanisms to allow easy removal and replacement of springs on brakes
- Patent pending
- 8 3/4" long



## Brake Caliper Press

BTCP1

Packing: 1

- Easy left and right side use
- Works on both fixed and floating calipers
- Generates more than 1600 ft. lbs. of force to retract the toughest caliper pistons
- Single lever mechanism used to apply and release force for ease of operation and faster service
- Prevents damage to pistons, hubs or calipers
- Ensures parallel piston retraction on dual and quad piston calipers



## Penlight, Blue

ECFB200BL

Packing: 1

- High intensity 3 watt LED, 100 lumen penlight
- 6.25" in length and 1/2" in diameter
- Includes pocket clip and protective rubber tip
- Extremely bright light output
- Uses (3) AAA alkaline batteries



## Penlight, Black

BLPFL1LAP

Packing: 1

- Lightweight portable LED penlight with metal clip
- 1 LED providing 25 lumens
- Lighting distance up to 18m
- Runtime : 12 hours on two AAA batteries



## Aluminum Police Style Flashlight

ECF201A

Packing: 1

- 3 watt LED flashlight features a K2 Luxeon LED that produces 130 lumens
- The flashlight body is aerospace grade extruded aluminum with heavy anodization
- Average run time is 10-hours on 2D alkaline batteries
- Reflector is highly polished for maximum light output
- Requires 2 "D" cell batteries (not included)
- The switch is self cleaning
- Water and shock resistant



## Compact Flashlight

BLED1

Packing: 1

- Adjustable beam by sliding zoom
- Anodized aluminum casing
- LED type : CREE XP-E-R2
- Luminance flux:195mm
- Switch mode: High Light, Low Light, Strobe, SOS
- Uses (3) AAA alkaline batteries
- Waterproof grade: IPX6



## Rechargeable LED Penlight, Blue

ECFPEN7HOB

Packing: 1

- Lightweight portable LED penlight with pocket clip
- 7 LED provides up to 470 lumens
- Lithium battery run time up to 4 hours
- Additional spot light at bottom
- Comes with magnet
- Charger included



SPECIFICATION			
<b>Lamp</b>	1 LED	<b>Battery Type</b>	2xAA alkaline batteries included
<b>Luminous Flux</b>	25lm	<b>Size</b>	12.9x1.6cm
<b>Lighting Distance</b>	18m	<b>Material</b>	Aluminum + Metal Clip
<b>Runtime</b>	12h	<b>Weight</b>	25g (without batteries)

## Bendable Light

ECF1600

Packing: 1

- Heavy duty barrel handle and switch
- Features 10 flexible shaft and 3/16" high intensity lamp
- Includes (2) AA batteries



## LED Compact Shop Light

ECFHKYAP

Packing: 1

- Small pocket size housing
- 6 LED supply 350 lumens
- Close to 360° rotatable
- Strong magnetic on bottom



## Flexible Magnetic SMD LED Work Light

ECFLEX3

Packing: 1

- Brightness: 110 Lumens
- Strong magnetic base with hang hook
- Sturdy aluminium housing with (3) 0.5W SMD LED lights
- Heavy duty spring adjusts light beam to needed angle with limitless positions
- Comes with (3) AAA batteries



## Magbender 6 SMD LED Work Light

ECFBP6

Packing: 1

- IP65-resistant to water and dust in filtration
- 180° hinge for mounting flexibility
- Two brightness settings 100% and 50% for longer time
- USB charger and cable included for easy charging anywhere



PART NO.	LIGHT OUTPUT	BATTERY	RUN TIME	CHARGING TIME
ECFBP6	450LUX (0.5 M)	3.7V Li-ion 2000mAh	3 hours	4-5 hours

## Battery Charger, Shop

BLPBBC200

Packing: 1

- **Smart** – microprocessor controlled, prevent overcharged
- **Usage** – 12V lead acid, AGM, deep cycle and gel cell. 200A booster
- **Different charging modes** – express, fast and trickle
- **Damage prevention** – reverse polarity, short circuit and overheat



## Battery Tester

BLPBTP612

Packing: 1

- Integrated thermal printer battery tester
- Designed for testing all types of 6V and 12V starter batteries, including lead-acid, gel and AGM, Bad cell detection capability
- Voltmeter mode for testing both the starter and the charging system, Anti-sparking clamps for safe operation
- Back-lit Display, 4 Lines 16 Characters LCD for easy viewing
- Designed with the technician in mind, the button layout and housing allows for one-handed operation
- Test Range : 100-1400 CCA
- Starter system testing: pressing the down arrow displays the captured voltage from cranking the engine
- Charging system testing: pressing the up arrow displays the captured high voltage from the alternator
- Detachable Test Lead: 50cm/2"
- Screen Size: 76mm x 39mm
- Voltmeter: 7.6V ~ 17V via Battery Clamp
- Weight: 0.52kg
- Clamp Size: 90mm
- Multi Languages Display: English, German, Italian, Portuguese



## Borescope

BKB6500

Packing: 1



PART NO.	OPTIMAL VIEWING
<b>BKB6500</b>	1" to 12" (2.5 cm — 30 cm)
POWER SUPPLY	ESTIMATED BATTERY RUN TIME
Li-Ion Battery 3.7V, 4200 mAh	3-5 hours
WEIGHT	INTERNAL MEMORY
1lbs 14oz. (0.5 kg)	512 MB storage
BUILT IN MICRO SD CARD BAY	DIMENSIONS
high capacity compatible	7" (17.8 cm) L x 3.63" (9.2 cm) W x 6.25" (15.9 cm) H
TEMPERATURE	HUMIDITY
2°F to 113°F (0°C to 45°C)	5% to 95% non-condensing (display unit)
STORAGE TEMP	WATER RESISTANCE
-4°F to 158°F (-20°C to 70°C)	Imager to 10' (3.05 m) depth

- 4.3" TFT LCD Display with a native resolution of 480 RGB X 240
- Digital camera technology provides superior imagery under all light conditions compared to analog cameras
- Dual view Imager allows the user to see forward or 90° to the side with one touch
- Easy to use touch screen interface
- File naming for convenient file management
- Text annotation aids in documentation
- Coil cord imager handle allows for greater maneuverability while the base stays at a comfortable viewing position
- Low optical distortion provides superior image quality
- Capture still images at 640 X 480 resolution
- Capture video at a rate of 20 fps (frames per second)
- 2X digital zoom
- Excellent near-field focus (0.5" to 12")
- Imaging head made of robust aluminium
- Resistant to common automotive and industrial chemicals
- Super Bright LED
- 8.5mm outside diameter fits in most spark plug holes
- Built in microphone and speaker for recording comments and sounds
- 36" long imager is coated with a non conductive covering for protection of surfaces and safety
- Mini-USB connector for uploading images and video to a computer
- Analog video out to a larger format screen or recording device
- Rubber over-mold on all contact/gripping areas for added ergonomics and durability
- Integrated rubberized magnets secure unit to metal surfaces
- External microSD Card access
- External mini-USB access
- Integrated three position stand for added convenience
- Rechargeable internal Lithium-ion battery
- D/C plug allows the unit to be used while battery is being charged

## Borescope

- Optimal focal length of 1/2 inch
- High intensity LED light



**1** Dual Lens, straight and 90° for all round viewing flexibility



**2** New digital imager improves image clarity and brightness, water resistant up to 3m



**3** External and internal memory with video output



**5** New wider 4.3" screen with touchscreen controls

**4** Rechargeable Lithium battery

### Automatic Meter

MT454C

Packing: 1

- MT454C is a durable, easy to use compact size digital multimeter
- Compact size fits comfortably in the palm of your hand
- Easy-to-read 4000 count digital display
- Automatically selects correct function of DC Volts, AC Volts or Ohms (Resistance)
- Use DC Voltage ranges to verify proper voltage level is arriving at a sensor or circuit
- Measure Ohms to determine resistance of a coil
- Also test resistance of fuses, fusible links, components and circuits
- Measure AC voltage signals on digital MAF sensors plus wheel and vehicle speed sensors
- Protective boot with tilt stand, test leads, battery and instruction manual included
- 5 year limited warranty

### Meter Manual Ranging

MT501C

Packing: 1

- MT501C ergonomic, compact size fits comfortably in the palm of the hand
- Measure Ohms to determine resistance of a coil or spark plug wire
- Also test continuity of fuses, fusible links, components and circuits
- Use DC voltage ranges to verify proper voltage level is arriving at a sensor or circuit
- Easy-to-read, 2000 count LCD display
- Lock readings on display with data hold
- Measure AC voltage signals on digital MAF sensors plus wheel and vehicle speed sensors
- Added protection against drops and the elements with included rubber boot
- Safety cULus 3111 Listed. Meets CE and IEC 1010 safety standards
- 5 year limited warranty

### Meter Autoranging

MT574C

Packing: 1

- MT574C offers both automatic and manual ranging
- Measure Ohms to determine resistance of a coil or spark plug wire
- Use the diode function to test the diode pack on a typical alternator
- Use DC voltage ranges to verify proper voltage level is arriving at a sensor or circuit
- Easy-to-read, 4000 count LCD display with low battery indication
- Lock readings on display with data hold
- Measure AC voltage signals on digital MAF sensors plus wheel and vehicle speed sensors
- Measure DC current to determine presence of a parasitic load
- Added protection against drops and the elements with included rubber boot
- Safety cULus 3111 Listed. Meets CE and IEC 1010 safety standards
- 5 year limited warranty



PART NO.	DISPLAY COUNT	AC / DC VOLTS	BASIC DC ACCURACY	AC / DC AMPS (mA)	RESISTANCE (Ohm)	AUTO RANGE	DATA HOLD	MIN / MAX	AUTO POWER OFF	CE OR UL LISTED	CAT RATING
MT454C	4,000	600 / 600	0.50%	— / —	40M	YES	—	—	YES	CE, cULus 3111	CATIII 600 Volt
MT501C	2,000	600 / 600	0.75%	— / —	2K	—	YES	—	—	CE, cULus 3111	CATIII 600 Volt
MT574C	4,000	600 / 600	0.30%	400 / 400	40M	YES	YES	YES	YES	CE, cULus 3111	CATIII 600 Volt



## Automatic Meter



## Multimeter, General

BLPMM1AP

Packing: 1

- Measures voltage up to 1000V AC/DC, DC current, resistance and diode test. Shiny surface
- Large backlit LCD display with data hold and relative zero
- Protective rubber guards for drop protection
- Designed to safely and accurately troubleshoot a variety of industrial and household electrical problems
- CE certified



### Automotive Amp Meter

EECT72

Packing: 1

- Allows easy component testing and parasitic drain location
- Real time readings of current in fused circuit without removing fuse or a snapshot
- Special fuse adapters lock on to fuse to give user hands free control or use the standard probes



PART NO.	CASE	OPERATING VOLTAGE	AMPERAGE RANGE
EECT72	Nylon Pouch	6V, 12V, 24V	5mA to 50A
MINIMUM DETECTABLE CURRENT	SMALL SCALE RESOLUTION	LARGE SCALE RESOLUTION	
5ma for 5A fuse, 50ma for 50A fuse	.01A (10mA)	.1A (100mA)	
FUSE TYPE/RANGE*			
MINI (atm) MICRO (atr)/LP	STANDARD (atc)		MAXI
5A, 7.5A, 10A, 15A, 20A, 25A, 30A	5A, 7.5A, 10A, 15A, 20A, 25A, 30A		30A, 40A, 50A
ACCURACY	BATTERY POWERED	BATTERY LIFE	
+/- 5% of display	3 x AA Alkaline Battery (not Included)	Approx. 500 hrs of continuous use	
AUTO-OFF	BANANA JACKS	SIZE	
After Approx. 10 minutes of inactivity	Standard 4mm Safety shrouded Jacks	5.5"x3.5"x1.5"	
WEIGHT	OPERATING TEMPERATURE	TEST LEADS	
0.5 lbs	20°F - 120°F	36" 1000V CATIII 10A	

### Universal EFI Quick Probe

YA76462

Packing: 1

- Quickly detects electronic fuel injector functions on any gas or diesel engine
- Specifically designed to detect the vibrations emitted when the electronic injector fire<sup>®</sup>
- No hunting for injector wires to the connector
- No need to remove the injector
- Super bright LED strobe
- 7" removable probe tip
- Battery operation
- Sensitivity thumb wheel



### Probe, Coil-On-Plug

YA76562

Packing: 1

- Super bright KV & ARC indicator LEDs
- 7" signal receiver probe
- Battery operated
- Sensitivity thumb-wheel



### Circuit Tester

BPECT1

Packing: 1

- Circuit tester for 6 and 12 volt systems
- Quickly and safely tests high and low voltages on all vehicles including computerized engine
- Can be used to detect power, ground and find shorts and breaks
- High impedance to protect sensitive electronic sensors, microprocessors, electronic ignition components and air bags
- LED indicates red for power (high) and green for ground (low)
- Insulated alligator clip



### Fuse Buddy Pro Test Kit

EEFB310

Packing: 1

- Great tool for reading circuit amperage draws and troubleshooting up to 30 amps
- Kit includes 1 meter with 3 interchangeable test functions: 30 amp MINI circuit current test, 30 amp ATC circuit current test and 30 amp all purpose current test
- Plugs directly into MINI and ATC fuse sockets
- Additional 30 amp test clips expand the testing capability
- Original fuse is replaced in-line, thereby maintaining circuit protection
- Easy connection into fuse socket, Fuse Body™ end is shaped like a fuse
- LCD display features analog bar graph
- Unit also features Data Hold and Auto Power-Off
- Measuring Range: 0 - 30 Amps/48 VDC-10 seconds
- Accuracy: ± 2% of reading
- Resolution: 100 mA



### Mini Engine Electronic Stethoscope

YA6910

Packing: 1

- Sensor clamp helps to detect noises during test drives that can not be duplicated in the work bay
- Sensor tip mounted on 6" flexible shaft allows access to reach difficult areas
- 5" inductive metal probe allows user to pinpoint source of noise or vibration
- Ultra sensitive microphone provides a full range of sound
- Rotary volume control allows easy adjustment
- Ear-bud style earphones provide excellent sound quality



## Max Fuse Buddy®

EEFB315

Packing: 1

- MAXI circuit testing capability up to 80 Amps
- Also works with ATC and mini circuits-includes adapters
- Large LCD display with analog bar graph
- Unit powered by 9 volt battery, features peak hold functions
- Accuracy: + 2.0% of reading + 4 digits
- One touch zero function
- Amps: 0 - 80 Amps DC
- Resolution: 0.1A



## Gas / Diesel Combustion Leak Tester

GDCT16

Packing: 1

- Provides an easy and quick way to diagnose engine overheating problems
- Checks for leaks between the combustion chamber and the cooling system
- Test head and gasket for combustion leaks before removing the radiator
- Double chamber in testing unit provides a high level of accuracy
- For use on water cooled gas and diesel engines
- Kit includes complete test chamber, 16 oz. bottle of testing fluid and instructions



## Battery Carrier

BL1B

Packing: 1

- For top post and side terminal batteries
- Rubber pads securely grip battery widths from 5" to 7"
- Plastic hand grip provides a firm hold



## Test Pen, 250VAC

BLPTP1

Packing: 1

- Voltage Test Range: 110-250V



## Inspection Mirrors

Packing: 1



PART NO.	MIRROR DIAMETER (inches)	LENGTH (inches)
UIM125	1 1/4	6 1/2, extendable to 35
UIM225	2 1/4	6 1/2, extendable to 35
UIM325	3 1/4	6 1/2, extendable to 29 1/2

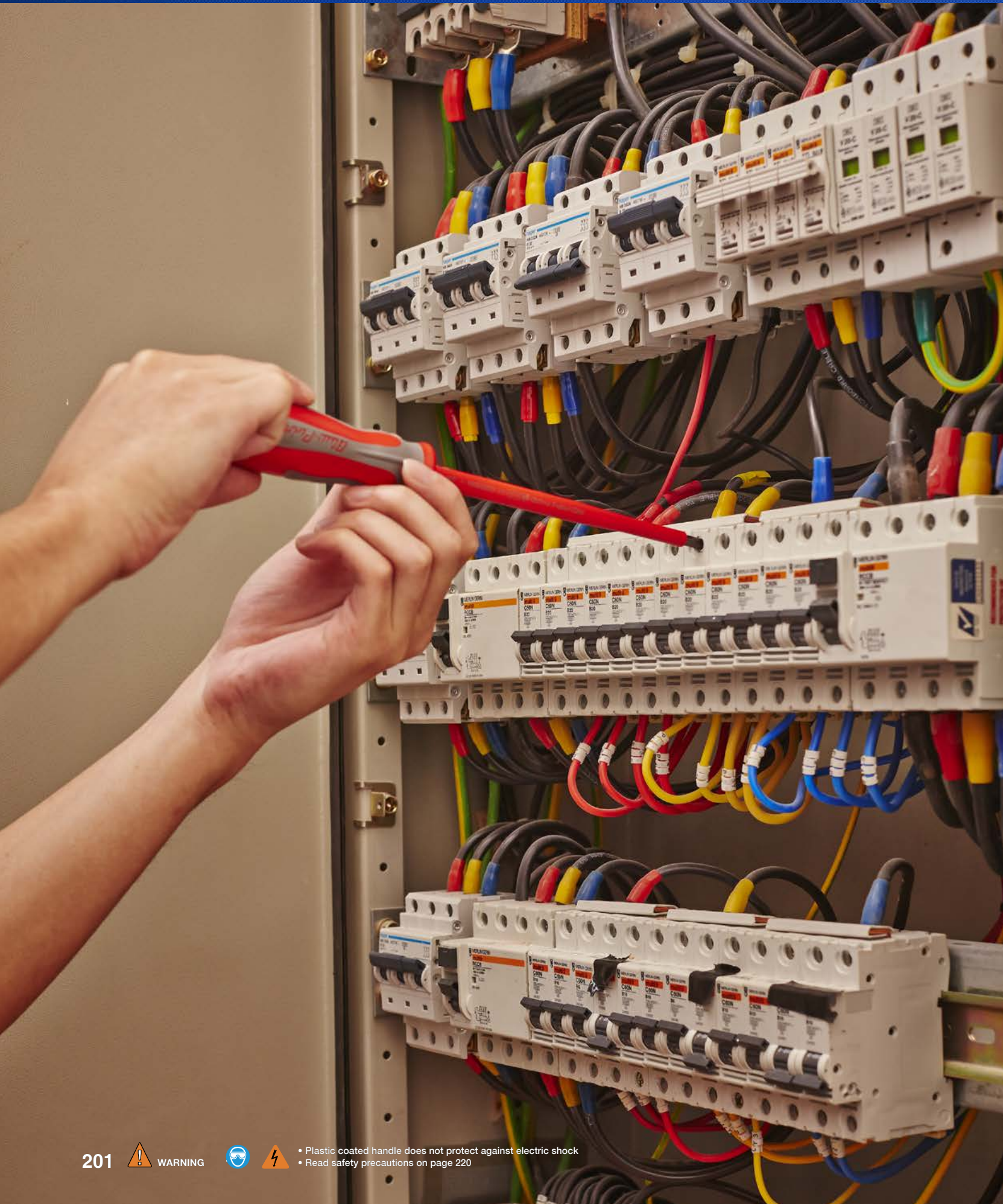
## Terminal Tool Kit

TT12KT

Packing: 1

- Applications include most GM and other domestic computer connectors and terminals. Individual handles for easy access in tight places. Designed for weather pack and pack-con terminals with flat blade to open connectors and fork for ALDL connectors to access trouble codes. Color coded: Red handle for GM and Green for wire terminal tools. Includes storage case
- Kit includes these GM C3 System Terminal Tools (red handle):
  - Tube, Spring Loaded, 3.3mm x 28mm
  - Square Blade, 1.4 x 19.00mm
  - Flat Blade, 1.5 x 24.75mm
  - Flat Blade, 2.0 x 23.00mm
  - Fork Blade, 8.0 x 24.00mm
  - Flat Blade Screwdriver, 3/16" x 1.00"
- Kit includes these Wire Terminal Tools (green handle):
  - Tube, 3.30 x 28.0mm
  - Tube, 4.30 x 13.0mm
  - Tube, 3.75 x 13.0mm
  - Tube, 3.00 x 13.0mm
  - Flat Twin Blade, 3.0mm
  - Flat Twin Blade, 1.6mm







## Comprehensive Insulated Tools Set, 33pcs

BLPVATS33

Packing: 1

- Suitable for automotive electric and hybrid cars servicing
- Tools are VDE certified with certificate
- Made from high impact resistance injection for increased connection for torque
- Insulation material are anti-burn with high low temperature resistance
- Test up-to 10000v with GS/VDE certification IEC 60900:2012

### Set includes:

- 1/2" Insulated Socket - 10,12,13,14,17,19,21,22, 24mm
- 1/2" Insulated Socket Driver - 4x120, 5x120, 6x120, 8x120, 10x120mm
- 1/2" Insulated Extension - 125mm
- 1/2" Insulated Ratchet Wrench - 250mm
- Insulated Single Open-end Wrench - 8, 10, 12, 14mm
- Insulated Single Box-end Wrench - 8, 10, 12, 14, 17mm
- Insulated Adjustable Wrench - 10"
- Insulated Phillips Screwdriver - PH2x175mm
- Insulated Slotted Screwdriver - 4x100mm
- Insulated Needle Nose Pliers - 6"
- Insulated Diagonal Pliers - 6"
- Insulated Wire Stripping Pliers - 650x180mm
- Insulated Cutter - 50x180mm
- Non-contact Insulated Test Pencil - 90-1000VAC



## Insulated Socket Toolbox Set, 20pcs

BLPISDS20SET

Packing: 1

- Suitable for automotive electric and hybrid cars servicing
- Tools are VDE certified with certificate
- Made from high impact resistance injection for increased connection for torque
- Insulation material are anti-burn with high low temperature resistance
- Test up-to 10000v with GS/VDE certification IEC 60900:2012

### Set includes:

- 1/2" Insulated Socket - 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 32mm
- 1/2" Insulated Bit Socket - 4x120, 5x120, 6x120, 8x120, 10x120mm
- 1/2" Insulated T Wrench - 200mm
- 1/2" Insulated Ratchet - 250mm
- 1/2" insulated extension



## Insulated Toolbox Set, 20pcs

BLPISD20SET

Packing: 1

- Suitable for automotive electric and hybrid cars servicing
- Tools are VDE certified with certificate
- Made from high impact resistance injection for increased connection for torque
- Insulation material are anti-burn with high low temperature resistance
- Test up-to 10000v with GS/VDE certification IEC 60900:2012

### Set includes:

- Insulated Open Wrench - 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 24, 27, 30, 32mm
- Insulated Adjustable Wrench - 250mm





## Basic Insulated Tools Set, 13pcs

BLPVRTS13

Packing: 1

- Suitable for automotive electric and hybrid cars servicing
- Tools are VDE certified with certificate
- Made from high impact resistance injection for increased connection for torque
- Insulation material are anti-burn with high low temperature resistance
- Test up-to 10000v with GS/VDE certification IEC 60900:2012

### Set includes:

- Insulated Phillips Screwdriver - 2x175, 3x150mm
- Insulated Slotted Screwdriver - 2.5x75, 4x100, 6.5x150mm
- Insulated Combination Pliers - 7"
- Insulated Needle Nose Pliers - 6"
- Insulated Wire Stripping Pliers - 6"
- Insulated Adjustable Wrench - 10"
- Insulated Cutter - 50x180mm
- Insulated Saw Frame - 150mm
- Digital Voltage Tester
- Electrician Tape



## 1/4" Insulated Driver Socket Set, 36pcs

BLPVDSS1436

Packing: 1

- Suitable for automotive electric and hybrid cars servicing
- Tools are VDE certified with certificate
- Made from high impact resistance injection for increased connection for torque
- Insulation material are anti-burn with high low temperature resistance
- Test up-to 10000v with GS/VDE certification IEC 60900:2012

### Set includes:

- 1/4" Insulated Socket - 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm
- 1/4" Bits: T10, T15, T20, T25, T27, T30, T40 H3, H4, H5, H6 PH1, PH2 FLAT5/32, 7/32
- 1/4" Insulated Ratchet Wrench - 145mm
- Insulated Hex wrench - 3, 4, 5, 6, 8, 10, 12mm
- Insulated Bits - 1/4"x100mm



## 1/2" Insulated Driver Socket Set, 21pcs

BLPVDSS1221

Packing: 1

- Suitable for automotive electric and hybrid cars servicing
- Tools are VDE certified with certificate
- Made from high impact resistance injection for increased connection for torque
- Insulation material are anti-burn with high low temperature resistance
- Test up-to 10000v with GS/VDE certification IEC 60900:2012

### Set includes:

- 1/2" Insulated Socket - 10, 11, 12, 13, 14, 17, 19, 21, 22, 24, 27, 30, 32mm
- 1/2" Insulated Socket Driver - 4x120, 5x120, 6x120, 8x120, 10x120mm
- 1/2" Insulated Extension - 125mm
- 1/2" Insulated T-shape Speeder Wrench - 200mm
- 1/2" Insulated Ratchet Wrench - 200mm



## 3/8" Insulated Driver Socket Set, 18pcs

BLPVDSS3818

Packing: 1

- Suitable for automotive electric and hybrid cars servicing
- Tools are VDE certified with certificate
- Made from high impact resistance injection for increased connection for torque
- Insulation material are anti-burn with high low temperature resistance
- Test up-to 10000v with GS/VDE certification IEC 60900:2012

### Set includes:

- 3/8" Insulated Socket - 8, 10, 11, 12, 13, 14, 16, 17, 18, 19mm
- 3/8" Insulated Socket Driver - 4x75, 5x75, 6x75, 8x75mm
- 3/8" Insulated Extension - 125, 250mm
- 3/8" Insulated T-shape Speeder Wrench - 200mm
- 3/8" Insulated Ratchet Wrench - 200mm



## Insulated Wrench Set, 37pcs

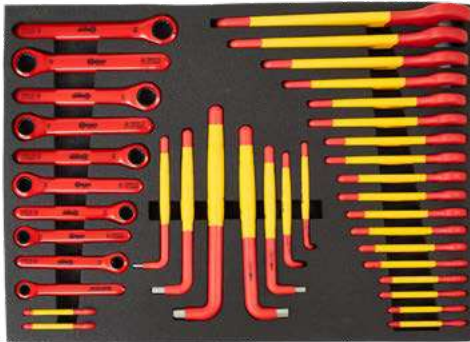
BLPISD37SET

Packing: 1

- Tools are VDE certified with certificate
- Made from high impact resistance injection for increased connection for torque
- Insulation material are anti-burn with high low temperature resistance
- Test up-to 10000v with GS/VDE certification IEC 60900:2012

### Set includes:

- Insulated Open Wrench - 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32mm
- Insulated Ratcheting Wrench - 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm
- Insulated Hex Key - 3, 4, 5, 6, 8, 10mm
- In foam cut kit



## Insulated Ring Wrench Set, 21pcs

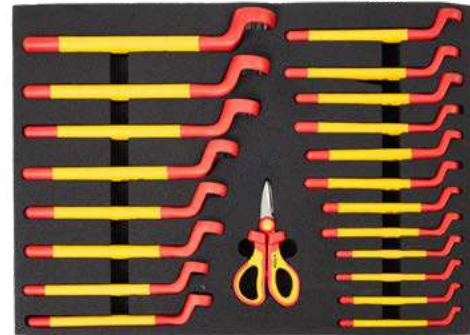
BLPISDRW21SET

Packing: 1

- Tools are VDE certified with certificate
- Made from high impact resistance injection for increased connection for torque
- Insulation material are anti-burn with high low temperature resistance
- Test up-to 10000v with GS/VDE certification IEC 60900:2012

### Set includes:

- 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32mm
- Insulated Scissor - 160mm
- In foam cut kit



## Insulated Screwdriver Set, 9pcs

BLPVSS9

Packing: 1

- Suitable for automotive electric and hybrid cars servicing
- Tools are VDE certified with certificate
- Made from high impact resistance injection for increased connection for torque
- Insulation material are anti-burn with high low temperature resistance
- Test up-to 10000v with GS/VDE certification IEC 60900:2012

### Set includes:

- Insulated Phillips Screwdriver - PH0x60, 1x150, 2x175, 3x150mm
- Insulated Slotted Screwdriver - 2.5x75, 3x100, 4x100, 5.5x125, 6.5x150



## Insulated Pliers Set, 3pcs

BLPVPS3

Packing: 1

- Suitable for automotive electric and hybrid cars servicing
- Tools are VDE certified with certificate
- Made from high impact resistance injection for increased connection for torque
- Insulation material are anti-burn with high low temperature resistance
- Test up-to 10000v with GS/VDE certification IEC 60900:2012

### Set includes:

- Insulated Needle Nose Pliers - 6"
- Insulated Combination Pliers - 7"
- Insulated Diagonal Pliers - 6"



### 1/2" Insulated T-Wrench

BLPISDT200

Packing: 1

- 200mm length
- Tools are VDE certified with certificate
- Made from high impact resistance injection for increased connection for torque
- Insulation material are anti-burn with high low temperature resistance
- Test up-to 10000v with GS/VDE certification IEC 60900:2012



### Insulated Adjustable Wrench

BLPISDADJ10

Packing: 1

- Tools are VDE certified with certificate
- Made from high impact resistance injection for increased connection for torque
- Insulation material are anti-burn with high low temperature resistance
- Test up-to 10000v with GS/VDE certification IEC 60900:2012

PART NO.	Length (inches)
BLPISDADJ10	10



### Insulated Ratcheting Wrench

Packing: 1

- Tools are VDE certified with certificate
- Made from high impact resistance injection for increased connection for torque
- Insulation material are anti-burn with high low temperature resistance
- Test up-to 10000v with GS/VDE certification IEC 60900:2012

PART NO.	Size (mm)	Length (mm)
BLPISDRWR10	10mm	135
BLPISDRWR11	11mm	140
BLPISDRWR12	12mm	145
BLPISDRWR13	13mm	150
BLPISDRWR14	14mm	160
BLPISDRWR15	15mm	165
BLPISDRWR16	16mm	170
BLPISDRWR17	17mm	180
BLPISDRWR18	18mm	190
BLPISDRWR19	19mm	200





## Insulated Ring wrench

Packing: 1

- Tools are VDE certified with certificate
- Made from high impact resistance injection for increased connection for torque
- Insulation material are anti-burn with high low temperature resistance
- Test up-to 10000v with GS/VDE certification IEC 60900:2012



PART NO.	Size (mm)	Length (mm)
BLPISDRW6	6mm	130
BLPISDRW7	7mm	140
BLPISDRW8	8mm	150
BLPISDRW9	9mm	160
BLPISDRW10	10mm	170
BLPISDRW11	11mm	180
BLPISDRW12	12mm	190
BLPISDRW13	13mm	200
BLPISDRW14	14mm	210
BLPISDRW15	15mm	215
BLPISDRW16	16mm	215
BLPISDRW17	17mm	220
BLPISDRW18	18mm	230
BLPISDRW19	19mm	240
BLPISDRW21	21mm	250
BLPISDRW22	22mm	260
BLPISDRW24	24mm	280
BLPISDRW27	27mm	290
BLPISDRW30	30mm	310
BLPISDRW32	32mm	320

## Insulated Open End Wrench

Packing: 1

- Tools are VDE certified with certificate
- Made from high impact resistance injection for increased connection for torque
- Insulation material are anti-burn with high low temperature resistance
- Test up-to 10000v with GS/VDE certification IEC 60900:2012



PART NO.	Size (mm)	Length (mm)
BLPISDOE6	6mm	89.5
BLPISDOE7	7mm	89.9
BLPISDOE8	8mm	99.5
BLPISDOE9	9mm	99.2
BLPISDOE10	10mm	110
BLPISDOE11	11mm	120
BLPISDOE12	12mm	130
BLPISDOE13	13mm	140
BLPISDOE14	14mm	150
BLPISDOE15	15mm	160
BLPISDOE16	16mm	165
BLPISDOE17	17mm	165
BLPISDOE18	18mm	175
BLPISDOE19	19mm	180
BLPISDOE21	21mm	195
BLPISDOE22	22mm	205
BLPISDOE24	24mm	230
BLPISDOE27	27mm	249
BLPISDOE30	30mm	284
BLPISDOE32	32mm	308

## Insulated Hex Key

Packing: 1

- Tools are VDE certified with certificate
- Made from high impact resistance injection for increased connection for torque
- Insulation material are anti-burn with high low temperature resistance
- Test up-to 10000v with GS/VDE certification IEC 60900:2012



PART NO.	Size (mm)	Length (mm)	PART NO.	Size (mm)	Length (mm)
BLPISDH3	3mm	130	BLPISDH8	8mm	200
BLPISDH4	4mm	140	BLPISDH10	10mm	235
BLPISDH5	5mm	160	BLPISDH12	12mm	260
BLPISDH6	6mm	180			

## 1/2" Insulated Extension Bars

Packing: 1

- Tools are VDE certified with certificate
- Made from high impact resistance injection for increased connection for torque
- Insulation material are anti-burn with high low temperature resistance
- Test up-to 10000v with GS/VDE certification IEC 60900:2012



PART NO.	Size (mm)
BLPISDEXT125	4x120mm
BLPISDEXT250	5x120mm

## Insulated Long Nose Pliers

Packing: 6

- Chrome vanadium steel
- Tested under 10,000 voltage testing machine
- Specially designed soft grips
- Laser hardened cutting edge



PART NO.	LENGTH (mm)
WT1001-6	160
WT1001-8	200

## Insulated Side Cutters

Packing: 6

- Chrome vanadium steel
- Tested under 10,000 voltage testing machine
- Specially designed soft grips
- Laser hardened cutting edge



PART NO.	LENGTH (mm)
WT1003-6	160
WT5403-8	203

## Insulated Combination Pliers

Packing: 6

- Chrome vanadium steel
- Tested under 10,000 voltage testing machine
- Specially designed soft grips
- Laser hardened cutting edge

PART NO.	LENGTH (mm)
WT1014-6	160
WT1014-7	180
WT1014-8	200
WT5414-9	225



### Insulated Slip Joint Pliers

WT8627-10

Packing: 6

- Chrome vanadium steel
- Tested under 10,000 voltage testing machine
- Specially designed soft grips
- Laser hardened cutting edge



PART NO.	LENGTH (mm)
WT8627-10	250

### Insulated Wire Stripping Pliers

WT1017C-6

Packing: 6

- Chrome vanadium steel
- Tested under 10,000 voltage testing machine
- Specially designed soft grips
- Laser hardened cutting edge



PART NO.	LENGTH (mm)
WT1017C-6	160

### Insulated Scissors

- Tools are VDE certified with certificate
- Made from high impact resistance injection for increased connection for torque
- Insulation material are anti-burn with high low temperature resistance
- Test up-to 10000v with GS/VDE certification IEC 60900:2012

PART NO.	Length (mm)
BLPISDSC160	160

### Insulated Series, Phillips®

Packing: 10

- Insulated screwdriver for Phillips® PH-head screws, for work on live equipment up to 1000V
- Examination of screwdrivers according to latest national and international standards
- Examination piece-wise in water bath with 10 KV
- Ergonomically developed 2-component handle
- Blade black oxidized, entirely hardened
- Manufactured according to
  - IEC60900 Standard
  - VDE Certified
  - GS Certified



PART NO.	TIP SIZE (#)	A (mm)	L (mm)
BSGD60PH0V	PH0	60	130
BSGD80PH1V	PH1	80	180
BSGD100PH2V	PH2	100	210
BSGD150PH3V	PH3	150	270

### Insulated Series, Slotted

Packing: 10

- Insulated screwdriver for slotted screws, for work on live equipment up to 1000V
- Examination of screwdrivers according to latest national and international standards
- Examination piece-wise in water bath with 10 KV
- Ergonomically developed 2-component handle
- Blade black oxidized, entirely hardened
- Manufactured according to
  - IEC60900 Standard
  - VDE Certified
  - GS Certified



PART NO.	TIP SIZE (mm)	A (mm)	L (mm)
BSGD7525V	2.5	75	145
BSGD1004V	4	100	200
BSGD12555V	5.5	125	225
BSGD15065V	6.5	150	260

Packing: 1



# AUTOMOTIVE WORKSHOP TOOLS



Unsurpassed Heavy-Duty Performance

*Blue-Point*<sup>®</sup>



## Pick Up Tool



## Pick Up Tool

PHT5

Packing: 1

- Lifts 2.5 lbs.
- Chrome plated shaft extends from 5 1/2" to 25 1/2"
- Black cushion grip will not slip in oily or wet hands
- Includes pocket clip
- Hinged head magnetic pick up tools
- Powerful magnets are fitted into the brass sleeve
- Adjustable hinged heads



## Pick Up Tool

PT5C

Packing: 1

- This 5 7/8" tool extends to 25 9/16"
- Magnet lifts up to 2 lbs.
- Includes pocket clip
- Chrome
- Hinged head magnetic pick up tools
- Powerful magnets are fitted into the brass sleeve
- Adjustable hinged heads



## Pick Up Tool

PT5CBL

Packing: 1

- This 5 7/8" tool extends to 25 9/16"
- Magnet lifts up to 2 lbs.
- Includes pocket clip
- Blue
- Hinged head magnetic pick up tools
- Powerful magnets are fitted into the brass sleeve
- Adjustable hinged heads



## Pick Up Tool

UPT15

Packing: 1

- Lifts 2 lbs.
- 6 5/8" long, and extends to 33 1/4"
- Hinged head magnetic pick up tools
- Powerful magnets are fitted into the brass sleeve
- Adjustable hinged heads



## Pick Up Tool

UPTM5

Packing: 1

- 6 1/2" tool extends to 21 1/4"
- Magnet lifts up to 0.66 lbs.
- Includes pocket clip
- Hinged head magnetic pick up tools
- Powerful magnets are fitted into the brass sleeve



## Pick Up Tool

UPT2FL

Packing: 1

- 29" aluminum shaft can be easily bent at any angle to retrieve dropped metal objects in hard to reach areas
- Power cap slides over the magnet and shield its sides from attaching to unwanted metal surfaces
- Will pick up 5 lbs. with the power cap
- Textured cushion pistol grip will not slip in wet or oily hands



### Pick Up Tool

UPT50A

Packing: 1

- Lifts 10 lbs.
- 6 5/8" long, and extends to 33 1/4"
- Hinged head magnetic pick up tools
- Powerful magnets are fitted into the brass sleeve
- Adjustable hinged heads



### Pick Up Tool

UPT65

Packing: 1

- Perfect for retrieval of heavy ferrous objects in hard to reach areas
- Goblet shaped magnetic head pushes the flux to the front of the magnet enabling the user to lift 16 lbs
- Head shields the sides of the magnet from attaching to unwanted ferrous surfaces
- Telescopes from 9" to 34 1/4" (229 to 870mm)
- Stainless steel handle is strong, lightweight and inhibits corrosion
- Cushion textured pistol grip will not slip in wet or oily hands



### Pick Up Tool

UPT35

Packing: 1

- Lifts 4 1/2 lbs.
- 6 5/8" long, and extends to 33 1/4"
- Hinged head magnetic pick up tools
- Powerful magnets are fitted into the brass sleeve
- Adjustable hinged heads



### Pick Up Tools Set

BLPIM5KIT

Packing: 1

- Quick release telescope for easy switch between usage
- Super bright white LED
- Include 2 mirrors; rectangular 64x43mm, round 60mm diameter
- Magnet able to lift up to 8 lbs.
- Batteries life of 10-12 hours of normal usage



### Box Seat Creeper

BPSCKPCM

Packing: 1

- Size: :L500 x W420 x H360 mm
- 2 drawers with depth of 3.6" provide more storage space for users
- PE Blue paint powder to protect against corrosion and provide durability
- Top and bottom panel thickness of 1.5mm for extra durability
- 3.6" drawer depth for more tools storage
- Each drawer designed to withstand 45kg of tools
- Plywood backing for extra strength
- High density foam for comfort and durability
- 2" ball bearing casters



### Adjustable Headrest Creeper

BLPCPER

Packing: 1

- 3 Positions adjustable head rest
- Powder coated steel frame for long lasting usage
- 6 oil resistant, full ball bearing 3" casters
- High density foam cushion headrest provides comfort to users
- Overall Dimensions: 1117 x 520 x 115mm



PART NO.	PAD COLOR	WEIGHT (kg)	OVERALL SIZE (inches)
BLPCPER	Blue	13	L44 x W20.5 x H4.5
PAD WIDTH (inches)	PAD LENGTH (inches)	NUMBER OF CASTERS	CASTER DIAMETER (inches)
11	39	6	3

## Welders Gloves

YA427B

Packing: 1

- Helps protect hands from sparks when welding
- Leather construction with added insulation for heat protection
- Reinforced palm for durability



## Tig Welding Gloves

YA4282

Packing: 1

- Ideal for TIG welding processes
- Pigskin material for precise control
- Helps protect hands from heat and sparks
- Thick leather cuff for wrist protection



## Welding Sleeves 1 Pair

YA4280

Packing: 1

- Helps protect arms from sparks when welding or cutting
- Elastic bands at each end of sleeve
- Constructed of flame retardant fabric
- 18" long
- 1 pair



## Washable Work Gloves

Packing: 1

- Gloves feature stretch knit with padded back to provide extra feel and flexibility to grasp small objects
- Extra knuckle protection on back of fingers
- Heat resistant synthetic double layered leather palm for longer life
- Elastic cuff with hook and loop closure



## Abrasion Resistant Nitrile Gloves

Packing: 3

- Nitrile dipped coating for protection on dirty jobs
- Ergonomically pre-curved design gives you comfort at all times
- High abrasion resistance protects hand on sharp edges and rough castings
- Incredible grip and dexterity on wet and dry surfaces
- Lightweight nylon shell provides a nice snug fit
- CE rated for abrasion, blade cut, tear and puncture resistance



PART NO.	SIZE	COLOR
GLOVE103MAAP	Medium	Black
GLOVE103LAAP	Large	Black
GLOVE103XLAAP	X-Large	Black
GLOVE103MABAP	Medium	Blue
GLOVE103LABAP	Large	Blue
GLOVE103XLABAP	X-Large	Blue

PART NO.	SIZE
GLOVE400S	Small
GLOVE400M	Medium
GLOVE400L	Large
GLOVE400XL	X-Large
GLOVE400XXL	XX-Large



### Safety Glasses

Packing: 1

- Complies with ANST Z87.1-2003
- Lens provide 99.9% UV protection
- Angle and length adjustable temples provide various suitable fitting
- Soft nose pad and soft temple tips provide comfort for long-time wearing
- Anti-fog lens coating with anti-scratch protection
- GLASS30BK and GLASS30R have a ventilation channel between frame and lens



PART NO.	LENS	FRAME
GLASS30R	Clear	Red
GLASS30BK	Clear	Black
GLASS31R	Clear	Red
GLASS31BK	Clear	Black

### Ear Protector

GA3200

Packing: 1

- Noise reduction rating of 28 dB for protection
- Lightweight and comfortable with cushioned headband
- Cushioned ear piece pivots to provide for a comfortable and snug fit that keeps out noise
- Blue hard protective ear cups with Blue-Point® logo in white
- Each ear piece easily adjusts to fit a variety of sizes



PART NO.	NOISE REDUCTION Rating, dB	HEADBAND
GA3200	28	Cushioned
EAR PIECE	ADJUSTABLE EAR PIECE	WEIGHT (lbs.)
Cushioned	Plastic	0.77

### UV Leak Detection Flashlight Kit

ECFUVLITE

Packing: 1

- High intensity LED bulb with 100,000 hour service life
- Over four hours of peak performance per charge
- Power comparable to high intensity 75 watt lamps
- Compatible with all standard leak detection dyes
- Inspection range of up to 6'
- Includes (3) "AAA" batteries and fluorescence enhancing glasses



### Face Shield

GA225

Packing: 1

- Adjustable, cushioned head band is removable
- Face shield provides impact resistance
- Includes shield (GA225-1) with PETG (impact resistance preferred)
- Optional shield (GA225-2) with PC (high temperature resistance) is available



PART NO.	SHIELD STYLE	SHIELD SIZE (inches)	HEADBAND
GA225	Flat	7 3/4 x 15 1/4	Yes
ADJUSTABLE HEADBAND	IMPACT RESISTANCE	SHIELD INCLUDED	REPLACEMENT SHIELDS
Yes	Yes	Clear	GA225-1 (with PETG) GA225-2 (with PC)

### Ear Protector, Ear Plug Style

YA160A

Packing: 1

- 25 dB noise reduction rating
- Cushioned ear piece for comfort and snug fit to keep out noise
- Non-conductive
- Includes extra set of foam ear piece and reusable storage bag



PART NO.	NOISE REDUCTION Rating, dB	HEADBAND	
YA160A	25	Plastic	
EAR PIECE	ADJUSTABLE EAR PIECE	EAR PIECE REPLACEMENTS	WEIGHT (lbs.)
Foam	Foam	YA160A1	0.06

## Welding Helmet, Auto Darkening

YA4603

Packing: 1

- Fixed shade auto darkening welding helmet has a lens that is designed for carbon arc welding processes. Two arc sensors provide a range of sensitivity to trigger the lens under most welding conditions.
- Fix delay
- Meets ANSI Z87.1-2003, CE, DIN 4647 PZ, EN379, EN175, CSA Z 94.3 and AS/NZS 1338.1 standards



PART NO.	# OF SENSORS	SHADE	CLEAR SHADE	VIEWING AREA (inches)	POWER
YA4603	2	#10	#3	3.81 x 1.38	Solar

## Fender Cover

BLPFEN1B

Packing: 1

- Dimension: 1070 x 400 mm
- Upper layer material: PVC synthetic leather
- Underlay material: Brushed fabrics
- 8 pcs magnet for secure hold onto vehicle
- Color: Blue with white Blue-Point logo printing
- Applications: Use in automotive maintenance and repair work



## Hose Reel, Electric

BLPSDCR10A

Packing: 1

- 10m cable length with better coverage
- 180° free rotation between mounting bracket and rewinding feature
- Current overload protection feature
- Outer polypropylene casing increases impact resistance and durable
- Ergonomic designed grip delivering better handling



PART NO.	CABLE LENGTH (mm)	POWER PLUG LENGTH (mm)	CABLE TYPE (mm)
BLPSDCR10A	10,000	900	H05VV-F, 1.5mm 2, 3 cores
PLUG TYPE	RATED VOLTAGE	POWER - FULLY RETRACTED	POWER - FULLY EXTENDED
UK Plug Type	AC230V	100 W	2000 W
DIMENSION L X W X H (mm)		NET WEIGHT (kg)	
280 x 160 x 305		3.4	

## Reel Storage Housing

Packing: 1

- Comes with 2 in 1 or 3 in 1 configuration
- Easy management of reel at single point



PART NO.	PART DESCRIPTION	DIMENSION L X W X H (mm)	COLOURS	MATERIAL	NET WEIGHT (kg)
BLPCRC2A	2 in 1 Housing	633 x 450 x 450	White	ABS	2.0
BLPCRC3A	3 in 1 Housing	950 x 450 x 450	White	ABS	2.2
BLPECA	Housing End Cap	110 x 450 x 450	Black	ABS	1.8

## Hose Reel, Air

BLPSDHR10A

Packing: 1

- 9m cable length with better coverage
- 180° free rotation between mounting bracket and rewinding feature
- Excellent Capacity(Air): 9m of reinforced 1/4"
- Outer polypropylene casing increases impact resistance and durable
- Ergonomic designed grip delivering better handling




PART NO.	HOSE LENGTH (mm)	HOSE I.D. (mm)	MAX WORKING PRESSURE
BLPSDHR10A	9,000	6	12 BAR
HOSE MAX TEMPERATURE		INLET / OUTLET	
140°F / 60°C		1/4" thread/quick connector	
DIMENSION L X W X H (mm)		NET WEIGHT (kg)	
280 x 160 x 305		3	



### Floor Jack, 2 Ton Low Profile

BLPHJ2TSAP

 Packing: 1

- Super-tough precision welded construction
- Exclusive dual parallel pump design provides user with speed in work
- Side plates are flanged for additional strength
- Safety release valve prevents damage to jacks if vehicle exceeds capacity
- Wide steel caster design provides stability during movement
- Low profile for easy access under vehicle
- Economic version



PART NO.	CAPACITY (tons)	MIN. HEIGHT (mm)	MAX. HEIGHT (mm)	DIMENSION L X W X H (mm)	NET WEIGHT (kg)
BLPHJ2TSAP	2	75	500	685 x 344 x 150	34

### Floor Jack, 2.5 Ton / 3.5 Ton

 Packing: 1

- Super-tough precision welded construction
- Exclusive dual parallel pump design provides user with speed in work
- Side plates are flanged for additional strength
- Safety release valve prevents damage to jacks if vehicle exceeds capacity
- Wide steel caster design provides stability during movement
- Economic version



PART NO.	CAPACITY (tons)	MIN. HEIGHT (mm)	MAX. HEIGHT (mm)	DIMENSION L X W X H (mm)	NET WEIGHT (kg)
BLPHJ25TSAP	2.5	120	460	628 x 343 x 158	34
BLPHJ35TSAP	3.5	110	520	732 x 364 x 170	48

### Floor Jack, 3 Ton

YF3APH

 Packing: 1

- Fast acting pump reaches lifting height in less than a pump to allow user to reach a variety of service height situations quickly
- One piece handle features a foam pad to limit damage to vehicles
- Universal joint release mechanism for smooth action
- Rolled side frames with generous flanges to resist flexing
- Meets ANSI-PALD standards



PART NO.	CAPACITY (tons)	MIN. HEIGHT (mm)	MAX. HEIGHT (mm)	SADDLE SIZE (mm)	FRAME LENGTH (mm)	HANDLE LENGTH (mm)
YF3APH	3	130	462	119	617	1,243

**NEW!** **Floor Jack, 1.5 Ton Low Profile**  
YF1AP Packing: 1

- Extra-large foot pedal for quick and safe usage
- Dual pistons decrease the number of necessary strokes
- Protective cover minimize dust enters through pistons and spring
- Polyurethane covered steel wheels ensure both durability and reducing sound
- Rubber saddle prevent scratches and slipping during usage
- Miniature tray at the bottom of the handle for storage of tools, screws and nuts
- Safety pressure valve prevents from overloading during usage
- Applicable for small size vehicles
- Low profile for easy access under vehicle



PART NO.	CAPACITY (tons)	MIN. HEIGHT (mm)	MAX. HEIGHT (inches)	SADDLE SIZE (mm)	FRAME LENGTH (mm)
YF1PH	1.5	70	610	120	960

**NEW!** **Floor Jack, 2 Ton Low Profile**  
YF2AP Packing: 1

- Extra-large foot pedal for quick and safe usage
- Dual pistons decrease the number of necessary strokes
- Protective cover minimize dust enters through pistons and spring
- Polyurethane covered steel wheels ensure both durability and reducing sound
- Rubber saddle prevent scratches and slipping during usage
- Miniature tray at the bottom of the handle for storage of tools, screws and nuts
- Safety pressure valve prevents from overloading during usage
- Applicable for small size vehicles
- Low profile for easy access under vehicle



PART NO.	CAPACITY (tons)	MIN. HEIGHT (mm)	MAX. HEIGHT (inches)	SADDLE SIZE (mm)	FRAME LENGTH (mm)
YF2AP	2	70	490	120	750

**NEW!** **Floor Jack, 3 Ton, Low Profile**  
YF3AP Packing: 1

- Extra-large foot pedal for quick and safe usage
- Dual pistons decrease the number of necessary strokes
- Protective cover minimize dust enters through pistons and spring
- Polyurethane covered steel wheels ensure both durability and reducing sound
- Rubber saddle prevent scratches and slipping during usage
- Miniature tray at the bottom of the handle for storage of tools, screws and nuts
- Safety pressure valve prevents from overloading during usage
- Long chassis allows to reach further under the vehicle
- Applicable for small size vehicles
- Low profile for easy access under vehicle



PART NO.	CAPACITY (tons)	MIN. HEIGHT (mm)	MAX. HEIGHT (inches)	SADDLE SIZE (mm)	FRAME LENGTH (mm)
YF3AP	3	90	552	120	825

**NEW!** **Long Floor Jack, 3 Ton**  
YF3LAP Packing: 1

- Extra-large foot pedal for quick and safe usage
- Dual pistons decrease the number of necessary strokes
- Protective cover minimize dust enters through pistons and spring
- Polyurethane covered steel wheels ensure both durability and reducing sound
- Rubber saddle prevent scratches and slipping during usage
- Miniature tray at the bottom of the handle for storage of tools, screws and nuts
- Safety pressure valve prevents from overloading during usage
- Long chassis allows to reach further under the vehicle
- Applicable for small size vehicles



PART NO.	CAPACITY (tons)	MIN. HEIGHT (mm)	MAX. HEIGHT (inches)	SADDLE SIZE (mm)	FRAME LENGTH (mm)
YF3LAP	3	130	800	120	1370



**NEW!** 10 / 20 / 30 Ton Pneumatic Hydraulic Jack

YF102040AP

Packing: 1

- Hydraulic jack for vehicles up to max. 40t
- Low chassis clearance height: 125mm
- Heavy duty design ensures durability
- Large wheel enables easy maneuverability
- PU protection on the steel lever minimize abrasion during usage
- Safety pressure valve prevents from overloading during usage
- Ideally suited for daily workshop use
- Two adaptors included to increase elevation to 45mm or 75mm



PART NO.	CAPACITY (tons)	MIN. HEIGHT (mm)	MAX. HEIGHT (inches)	SADDLE SIZE (mm)	FRAME LENGTH (mm)
YF102040AP	10/20/40	125	285/232/182	70	825

**NEW!** 15 / 30 Ton Pneumatic Hydraulic Jack

YF1530AP

Packing: 1

- Hydraulic jack for vehicles up to max. 30t
- Heavy duty design ensures durability
- Large wheel enables easy maneuverability
- PU protection on the steel lever minimize abrasion during usage
- Safety pressure valve prevents from overloading during usage
- Two adaptors included to increase elevation to 45mm or 75mm



PART NO.	CAPACITY (tons)	MIN. HEIGHT (mm)	MAX. HEIGHT (inches)	SADDLE SIZE (mm)	FRAME LENGTH (mm)
YF1530AP	15/30	150	288/223	70	810

**NEW!** 20 / 40 / 60 Ton Pneumatic Hydraulic Jack

YF204060AP

Packing: 1

- Hydraulic jack for vehicles up to max. 60t
- Heavy duty design ensures durability
- Large wheel enables easy maneuverability
- PU protection on the steel lever minimize abrasion during usage
- Safety pressure valve prevents from overloading during usage
- Ideally suited for daily workshop use
- Two adaptors included to increase elevation to 45mm or 75mm



PART NO.	CAPACITY (tons)	MIN. HEIGHT (mm)	MAX. HEIGHT (inches)	SADDLE SIZE (mm)	FRAME LENGTH (mm)
YF1530AP	20/40/60	150	311/254/206	84	875

**NEW!** 15 / 30 Ton Compact Pneumatic Hydraulic Jack

YF1530CAP

Packing: 1

- Hydraulic jack for vehicles up to max. 30t
- Heavy duty design ensures durability
- Large wheel enables easy maneuverability
- PU protection on the steel lever minimize abrasion during usage
- Safety pressure valve prevents from overloading during usage
- Ideally suited for daily workshop use
- Two adaptors included to increase elevation to 45mm or 75mm



PART NO.	CAPACITY (tons)	MIN. HEIGHT (mm)	MAX. HEIGHT (inches)	SADDLE SIZE (mm)	FRAME LENGTH (mm)
YF1530CAP	15/30	150	292/224	70	430

## 12 Ton Jack Stands

YA512A

Packing: 1

- Counter-weighted pawl serves as a secure locking device to prevent the load from accidentally disengaging
- Sturdy, welded steel construction for superior strength
- One piece, multi-position ductile ratchet bar provides super strength, durability and quick adjustment mechanism that securely locks into desired location



PART NO.	CAPACITY (tons)	LOW HEIGHT (inches)	MAXIMUM HEIGHT (inches)
YA512A	12 (per pair)	17 1/2	27 1/2

## 3 Ton Jack Stands

BLPJS3TAP

Packing: 1

- Counter-weighted pawl serves as a secure locking device to prevent the load from accidentally disengaging
- Sturdy, welded steel construction for superior strength
- One piece, multi-position ductile ratchet bar provides super strength, durability and quick adjustment mechanism that securely locks into desired location



PART NO.	CAPACITY (tons)	LOW HEIGHT (inches)	MAXIMUM HEIGHT (inches)
BLPJS3TAP	3 (per pair)	290	415

## Wheel Dolly, Car

BLP15WD

Packing: 1

- Extra-large foot pedal for quick and safe usage
- Ratcheting system lift the wheel of the vehicle in seconds
- 4 multi-directional free-swivel casters with bearings allow effortless mobility
- 2 Locking mechanism ensure safety when operating
- BLP15WDST is the rack



PART NO.	CAPACITY (tons)	LOW HEIGHT (mm)	MAX HEIGHT (mm)
BLP15WD	0.8	450	810

## Wheel Dolly, Truck

BLP600WDT

Packing: 1

- Hydraulic system actuated provides smooth, positive power for the removal and installation
- Heavy-duty steel frame tilts to allow precise positioning of truck tyres
- Capable to lift wheels up to 600kg
- Adjustable mechanical system allows users to fit wide range of tyres
- Large caster enables easy maneuverability



PART NO.	CAPACITY (tons)	LOW HEIGHT (mm)	MAX HEIGHT (mm)
BLP600WDT	0.6	45	535

DIMENSION (mm)	NET WEIGHT (kg)	GROSS WEIGHT (kg)
1030 x 1050 x 1020	85	93.5



### 4 Ton Portaset

YA1544A

Packing: 1

- 4-ton capacity kit includes hydraulic unit, five “Snap-Set” extensions, spreader plus a full selection of attachments for most push applications
- Automatic pump overload system protects against damage to rams and equipment
- 1/2-ton capacity hydraulic spreader has 2” jaw and spreads from 5/8” to 3 3/4”
- Flex head includes permanently molded rubber pad
- Heavy walled extensions tubes stand up to the toughest loads
- Long handle reduces required pumping effort
- 18 piece set is stored in durable storage case



### 8 Ton Bottle Jack

YA1228

Packing: 1

- Hydraulic system is protected from internal damage by a patented by-pass mechanism
- Machined and polished cylinders with die-cut threading provide non-abrasive leak-free, durable performance
- Fabricated from hard-cast steel



PART NO.	CAPACITY (tons)	LOW HEIGHT (inches)	MAX HEIGHT (inches)	ADJUST HEIGHT (inches)	BASE (inches)	HANDLE (inches)	CAP DIAMETER (inches)	OPERATING FORCE (lbs)
YA1228	8	8 1/8	17 5/8	2 3/4	4 3/4 x 4 3/4	18 1/8 (assembled)	1 3/8	101



### 2 / 4 / 8 Ton Bottle Jack

Packing: 1

- Hydraulic system is protected from internal damage by a patented by-pass mechanism
- Machined and polished cylinders with die-cut threading provide non-abrasive leak-free, durable performance
- Fabricated from hard-cast steel



PART NO.	CAPACITY (tons)	LOW HEIGHT (inches)	MAX HEIGHT (inches)	ADJUST HEIGHT (inches)	BASE (inches)	HANDLE (inches)	CAP DIAMETER (inches)	OPERATING FORCE (lbs)
BLP2BJ	2	7 1/10	13 3/5	1 9/10	3 1/5 x 3 3/5	11	4/5	5.3
BLP4BJ	4	7 3/5	14 7/10	2 2/5	3 1/2 x 4 1/10	11	1	7
BLP6BJ	6	8 3/10	16 2/5	2 4/5	3 9/10 x 4 1/2	11	1 1/5	8.8



### Transmission Jack, 1/2 Ton

BLPTJ05TSG

Packing: 1

- Dual pump for quick lifting
- Large foot pedal for ease of operation
- Large wheel enables easy maneuverability
- PU protection on the steel lever minimize abrasion during usage
- Safety pressure valve prevents from overloading during usage
- 2006/42/EC and BS EN1494 Certified



PART NO.	CAPACITY (tons)	LOW HEIGHT (mm)	MAX HEIGHT (mm)
BLPTJ05TSG	0.5	1175	1985
DIMENSION (mm)	CERTIFICATE	NET WEIGHT (kg)	GROSS WEIGHT (kg)
2041 x 660 x 660	CE	30.85	34.85



### Transmission Jack, 1 Ton

BLPTJ1TSG

Packing: 1

- Dual pump for quick lifting
- Large foot pedal for ease of operation
- Large wheel enables easy maneuverability
- PU protection on the steel lever minimize abrasion during usage
- Safety pressure valve prevents from overloading during usage
- 2006/42/EC and BS EN1494 Certified



PART NO.	CAPACITY (tons)	LOW HEIGHT (mm)	MAX HEIGHT (mm)
BLPTJ1TSG	1	899	1899
DIMENSION (mm)	CERTIFICATE	NET WEIGHT (kg)	GROSS WEIGHT (kg)
840 x 530 x 280	CE	55	61



### Universal Saddle, 1 Ton

BLP1TUS

Packing: 1

- Gyroscopic adjustable universal saddle 1 Ton capacity with chains
- Large foot pedal for ease of operation
- Large wheel enables easy maneuverability
- PU protection on the steel lever minimize abrasion during usage
- Safety pressure valve prevents from overloading during usage
- 2006/42/EC and BS EN1494 Certified



PART NO.	CAPACITY (tons)	DIMENSION (mm)	CERTIFICATE
BLP1TUS	1	420 x 340 x 250	CE
NET WEIGHT (kg)	GROSS WEIGHT (kg)		
18.1	19.5		



### Foldable Engine Crane, 1 Ton

BLP1TFOLDEC

Packing: 1

- Foldable 1T crane with 4 fixed positions of the lifting arm
- Quick raising of the arm from the dual-effect cylinder
- Safety overload valve
- Rotating pump cylinder allows pumping from any direction
- Foldable legs; the crane takes up limited space when not in use
- Certified according to 2006/42/EC + BS EN149



PART NO.	CAPACITY (tons)	LOW HEIGHT (mm)	MAX HEIGHT (mm)
BLP1TFOLDEC	1	88	2175
DIMENSION (mm)	CERTIFICATE	NET WEIGHT (kg)	GROSS WEIGHT (kg)
2175 x 1480 x 1030	CE	85	95







### Foldable Engine Crane, 2 Ton

BLP2TFOLDEC

Packing: 1

- Foldable 2T crane with 4 fixed positions of the lifting arm
- Quick raising of the arm from the dual-effect cylinder
- Safety overload valve
- Rotating pump cylinder allows pumping from any direction
- Foldable legs; the crane takes up limited space when not in use
- Certified according to 2006/42/EC + BS EN149



PART NO.	CAPACITY (tons)	LOW HEIGHT (mm)	MAX HEIGHT (mm)	DIMENSION (mm)	CERTIFICATE	NET WEIGHT (kg)	GROSS WEIGHT (kg)
BLP2TFOLDEC	2	130	2640	2640 x 1845 x 1220	CE	170	190



### Foldable Engine Crane, 2 Ton, Lightweight

BLPEC2TAP

Packing: 1

- Foldable 2T crane with 4 fixed positions of the lifting arm
- Quick raising of the arm from the dual-effect cylinder
- Safety overload valve
- Rotating pump cylinder allows pumping from any direction
- Foldable legs; the crane takes up limited space when not in use
- Comes with Chain and hook
- Certified according to 2006/42/EC + BS EN149
- Lightweight version



PART NO.	CAPACITY (tons)	LOW HEIGHT (mm)	MAX HEIGHT (mm)	DIMENSION (mm)	CERTIFICATE	NET WEIGHT (kg)	GROSS WEIGHT (kg)
BLPEC2TAP	2	NA	2200	1745 x 50 x 1460	CE	86	92

## 2m Adjustable Workbench, 3 Drawers

BLP200ADWB3D

Packing: 1

- Features a full bottom shelf and superior powder coat finish
- Dimensions: 78.74" x 31.49" x 70.87"
- Net Weight: 363 lbs (165kg)
- Weight Capacity: 440 lbs (200kg)
- Top panel: 50mm thickness
- Bottom shelf: 50mm thickness
- Steel support: 50mm thickness
- Back panel (BLP200WBBP02) sold separately



## Heavy Duty Workbench

BPWORKBENCH

Packing: 1

- Features a full bottom shelf and superior powder coat finish
- Dimensions: 60.08" x 30.73" x 34.08"
- Net Weight: 138.9 lbs (63.06 kg)
- Weight Capacity: 1,200 lbs
- Top panel: 2.0mm thickness
- Bottom shelf: 2.0mm thickness
- Steel support: 2.5mm thickness



## Tweezer Kit, 5pcs

TZK5

Packing: 1

- Vinyl zipper pouch packaging
- All stainless construction



PART NO.	CONTENTS	LENGTH (inches)
TZK5	Pointed tweezers with plain ends	4 3/8
	Self-closing tweezers with plain ends	4 1/2
	Self-closing, weighted solder tweezers with serrated blunt end	7
	Sharp point utility tweezers with bent plain ends	7
	Sharp point utility tweezers with plain ends	7

## Tweezer Kit, 7pcs

TZK7

Packing: 1


- Black vinyl zipper pouch packaging
- All stainless construction



PART NO.	CONTENTS	LENGTH (inches)
TZK7	Pointed tweezers	4 3/8
	Curved head utility tweezers	6 3/4
	Self-closing, heat-resistant tweezers	6
	Sharp pointed utility tweezers	7
	Side locking tweezers	6
	Spade point tweezers	4 3/8
	Weighted solder tweezers	6



### Pick Sets

 Packing: 1

- Heavy duty shank diameter is 0.02" thicker than standard picks for added durability and extended tool life

PART NO.	DESCRIPTION	LENGTH (inches)
PSLR4-1	Hook Pick	9 3/4
PSLR4-2	90° Hook Pick	9 3/4
PSLR4-3	Straight Pick	9 3/4
PSLR4-4	Complex Pick	9 3/4
PSLR4-5	Combo Pick	9 3/4
PSLR4-6	Double Angle Pick	9 3/4
PSLR6	Extra Long Pick Set, 6pcs PSLR4-1, PSLR4-2, PSLR4-3, PSLR4-4, PSLR4-5, PSLR4-6 in vinyl storage pouch	
PSLR4	Extra Long Pick Set, 4pcs PSLR4-1, PSLR4-2, PSLR4-3, PSLR4-4, in vinyl storage pouch	



### Cable Cutter

PWC80A

 Packing: 1

- For cutting battery cables and other soft metal cables
- Has vinyl covered handles
- 7 1/2" long



### Leverage Hose Cutter

PWC60

 Packing: 1

- (8 1/2") Compound action multiplies normal hand pressure to easily slice through many types of rubber and plastic hose up to 1 1/8" in diameter
- Includes stainless steel cutter blades and internal components



### Wire Cutter, Micro Shear

PWC19

 Packing: 1



### Wire Stripper, Automatic

PWC27

 Packing: 1

- One-step stripping enhances productivity
- Spring-action motion increases leverage and reduces operator fatigue
- Precision ground, knife-type blades provide clean, accurate stripping
- Cleanly strips wire up to full 7/8" (22mm)



PART NO.	LENGTH (inches)	STRIPS AWG SIZES	STRIPS METRIC SIZES (mm)
PWC19	5 1/8	Up to 20	Up to .80

PART NO.	LENGTH (inches)	STRIPS AWG SIZES	APPLICATION	REPLACEMENT BLADES
PWC27	6 1/4	10, 12, 14, 16, 18, 20, 22	Strips PVC, THHN and THWN	PWC27-7

## Wire Stripper

PWC6

Packing: 1

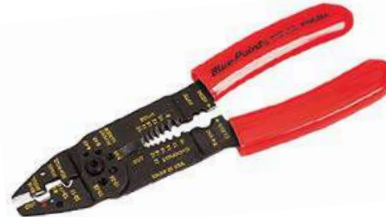


PART NO.	DESCRIPTION	LENGTH (inches)
PWC6	Wire Stripper /Cutter Pliers	6
STRIPS AWG SIZES	STRIPS METRIC SIZES (mm)	APPLICATION
10, 12, 14, 16, 18, 20	2.6, 2.0, 1.6, 1.3, 1.0, 0.80	Strips PVC, THHN, and THWN

## Wire Stripper

PWC28A

Packing: 1



PART NO.	DESCRIPTION	LENGTH (inches)
PWC28A	Wire Stripper /Cutter / Crimper /Bolt Cutter	8 1/4
STRIPS AWG SIZES	STRIPS METRIC SIZES (mm)	
10, 12, 14, 16, 18, 20, 22 Stranded, 8, 10, 12, 14, 16, 18 Solid	10 - 22 Non-Insulated Terminals and Crimp Sleeves	

## Wire Stripper

PWC14

Packing: 1



PART NO.	DESCRIPTION	LENGTH (inches)
PWC14	Wire Stripper /Cutter / Crimper /Bolt Cutter	8 3/4
STRIPS AWG SIZES	STRIPS METRIC SIZES (mm)	
10, 12, 14, 16, 18, 20, 22	10 - 22mm Insulated and Non-Insulated 7 - 8mm Ignition Terminals	

## Wire Stripper

PWC12A

Packing: 1



PART NO.	DESCRIPTION	LENGTH (inches)
PWC12A	Wire Stripper /Cutter / Crimper	9 1/2
STRIPS AWG SIZES	STRIPS METRIC SIZES (mm)	
10, 12, 14, 16, 18	10 - 18mm Insulated and Non-Insulated 7 - 8mm Ignition Terminals	

## Boot Pliers

YA824C

Packing: 1

- 45° offset jaws
- Vinyl coated jaws and handles assure gripping ability
- Use only on automotive type ignition systems
- 9 1/2" long



## Boot Pliers

YA824ASTR

Packing: 1

- Straight jaw version of YA824C
- 9 3/4" long



### Oil Filter Pliers, Adjustable

YA4274

Packing: 1

- Use on filters from 2 1/2" to 5 1/4" diameters
- Use on automotive and truck applications
- Spring action size adjustment assures a solid grip on filter
- Offset handle offers increased accessibility
- Heavy duty forged levers
- Cushioned grips for comfort
- Industrial black finish with blue grips
- Overall length of 13 1/2"



### Oil Filter Pliers, Extra Large

YA4275

Packing: 1

- Use on filters from 4 1/4" to 7" (108-178mm) diameters
- Applications include truck, tractor and high torque diesel engines
- Spring action size adjustment assures a solid grip on filter
- Offset handle offers increased accessibility
- Heavy duty forged levers
- Cushioned grips for comfort
- Industrial black finish with blue grips
- Overall length of 19"



### Seal Pliers

YA8230

Packing: 1

- Removes valve stem seals from overhead camshaft engines including 4 valve per cylinder engines that have restricted access to the valve stem seal due to the head design
- Gripping serrations in the pliers tip easily grab both OEM and aftermarket seals with ease
- Easy grip handles



### Windshield Removal Tool

YA109C

Packing: 1

- Steel cable pull handle
- Replaceable steel cutting blades can be resharpened
- For GM, Chrysler, and other cars with windshields set in place with sealant



### Crimp Tool

PWC34

Packing: 1

- Double compound action with ratchet control for almost effortless operation
- Use with insulated connectors on 10 to 22 gauge wire
- For easy, efficient, single squeeze crimping of modular connectors
- Both primary and secondary crimps are made simultaneously to factory specifications
- Has a comfortable ergonomic design and full cycle ratchet action



### Exhaust Hanger Removal Pliers

YA3202

Packing: 1

- For removing hanger brackets from their rubber mounting straps
- Place removal jaw behind the rubber grommet ring and the forcing pin of the pliers on the end of the steel hanger
- When handles are squeezed, the forcing pin pushes the ring off the hanger
- Applications on most domestic and import cars as well as light trucks
- 14" long



## Magnetic Tool Holder

### MAGWRENCH

Packing: 1

- Industrial strength magnets keep it secured to a metal surface
- Holds tools for quick and easy access
- Chrome plated steel bar with chrome plated nylon ends
- Overall size is 20" (with approximately 12" of magnetic holding space)



## Wire Brushes

Packing: 1

- Stainless steel bristles
- General-purpose cleaning, rust removal, deburring, edge blending, and roughing for adhesion.
- Perfect for cleaning debris in tight spots



PART NO.	LENGTH (Inches)
AC5CAP	7 7/8
AC59CAP	13 3/4

## Multi-Tool Set, 4pcs

### BLP4GIFT

Packing: 1

- Small and Medium 12-in-1 multi tool
  - Corrosion resistant steel blade
  - Pliers fold for safety and compact storage
  - Aluminum housing with durable anodized finish
- Folding pocket knife
  - 2.5" blade length
  - 85 grams
- LED mini multi tool keychain
  - 5 different functions (Slotted & Philips screwdriver, knife, bottle opener, flashlight)



## Oil Drainer

### YB90OD

Packing: 1

- High Capacity 90 litres reservoir tank with a 18 litres collecting bowl
- Indicator to display oil level and air tank pressure
- Includes Plastic tray for holding tools, parts and consumables

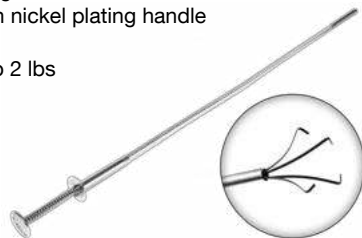


## Flexible Spring Claw Set, 2pcs

### BLPFSCS

Packing: 1

- Polybag packaging
- Cold roll steel with nickel plating handle
- Spring steel claw
- 4 claws hold up to 2 lbs



PART NO.	CONTENTS	LENGTH (mm)
BLPFSCS	BLPFSC240 Flexible Spring Claw	340
	BLPFSC600 Flexible Spring Claw	600

## Oil Drainer with Chamber

### YB90ODC

Packing: 1

- High Capacity 90 litres reservoir tank with a 18 litres collecting bowl
- Indicator to display oil level and air tank pressure
- Includes Plastic tray for holding tools, parts and consumables



### Door and trim panel tool set, 19pcs (Plastic)

BLPDTPS19AP

Packing: 1

- Avoid scratches or permanent dent on car surfaces when using door trim tools
- Constructed from heavy-duty plastic nylon fibre
- Cloth pouch for easy tool storage and access while working on your project
- Body panel removal tool package includes -
  - (11) plastic crowbar interior trim tools,
  - (5) audio disassembly tools,
  - (1) clip removal pliers,
  - (2) door upholstery fastener removers,
  - (1) storage bag



### Door & Trim Panel Tool Set, 5pcs

BLPDTPS5

Packing: 1

- Automotive trim and molding tool set
- Everything needed for specialized automotive repairs
- Easy removal of trim, molding, door panels and dashboards
- Works on interior and exterior trim



### Door Lockout Set

LOS145B

Packing: 1

- No danger of airbag activation or disconnected door linkages
- Actuate the door handle, manual lock button or electric lock button on most cars and trucks
- Includes:
  - 4 pcs door-unlocking tool that screws together without couplers for easy assembly and storage, plastic slim jim, 2 glow-in-the-dark tips, 2 plastic wedges to create gap between door and frame without damaging door or weather stripping and BF272 inflatable wedge
- Use the BF272 to easily separate door from body without damage to the vehicle
- Unlocking tool features a middle extension piece to reach across the car in extended use applications
- For sale to registered locksmiths, police and bona fide repair professionals only



## Air Riveter

HP301C

Packing: 1

- Sets structural rivets, KLIK-FAST® rivets from 5/32" to 1/4" diameter in all alloys plus KLIK-SPLIT® / Monobolt rivets from 3/16" to 1/4"
- Includes 5/32", 3/16" and 1/4" nosepieces plus mandrel collection bottle

PART NO.	RECOMMENDED AIR PRESSURE (psi)
HP301C	85-95
AIR INLET THREAD SIZE	TRACTION POWER (lbs)
1/2" NPT	3,300
STROKE	WEIGHT (kg)
5/8" (15.8 mm)	3.0



## Pivot Riveter

RHR-2

Packing: 1

- 360° swivel head for easy riveting in narrow and awkward places at any angle
- Positive-Lock Rotation for turning and holding swivel head in positive lock position to avoid undesired rotation that may result in poor riveting job
- Superior materials, high strength aluminum head and body
- Heavy duty steel handle, hardened steel parts
- Durable powder coating with polished logos
- Ratchet sound for alerting desired or unexpected rotation of swivel head



## Industrial Hand Riveter

HR-26

Packing: 1

- Forged Cr-Mo steel alloy upper handle
- Anti-wear design with high strength aluminum body and steel insert
- Special shock absorber on body
- Auto-ejection design allows quick replacement of inside worn parts such as jaws, by removing retaining screw
- Long leverage and power saving design; extra long handles 260mm for better leverage to save hand force



## Rivet Tool

HP2

Packing: 1

- Has four nose pieces for 3/32" to 3/16" diameter rivets
- For 1/8" thru 5/8" thickness
- Made of aluminum alloy



## Extractor Set

E1025

Packing: 1

- Extract broken screws from 1/4" to 1" diameter and standard pipe sizes 1/8" to 1"
- Storage case packaging



## Thread Setter Kits

HP650 / HP650M

Packing: 1

- HP650
- Includes: rugged thread setter tool and an assortment of fractional
  - Klik Poly-Nuts: 12 each 8-32, 10-24, 10-32; (8) 1/4"-20 and (6) 5/16"-18 threads
  - Includes required nosepieces and mandrels for setting the above sizes
  - Packaged in a storage case

- HP650M
- Metric version of the HP650 with metric poly-nuts, including 25 each 4 and 5mm, (15) 6mm and (10) 8mm threads
  - Includes thread setter tool, required nosepieces and mandrels packaged in a storage case



## Extractor Set

E1020

Packing: 1

- Extracts broken screws from 1/4" to 1/2" diameter
- Storage case packaging





### Grease Gun, Air

YA772B

 Packing: 1

- Automatic operation provides continuous grease flow with trigger depressed
- Pumps at a 40:1 ratio with a maximum pressure of 6,000 PSI
- Use with standard 14 oz. cartridge, bulk fill or filler tube
- Heavy duty 18" flexible nylon hose improves accessibility and reach
- Air vent allows easy removal of trapped air after loading grease tube
- Light weight of 3.52 lbs
- Helps reduce operator fatigue



PART NO.	PSI	Air Operating (psi)	Pump Ratio
YA772B	4,000	60 - 150	40:1
Capacity	Flexible Hose (inches)	Rigid Extension (inches)	Loading
14 oz. Cartridge	18	6	Bulk, Filler Pump, or Cartridge

### Grease Gun, Lever

YA728A

 Packing: 1

- Lever operated, large capacity gun accepts 16 oz. bulk or 14 1/4 oz. cartridge grease
- Develops 6,000 PSI
- Includes tough, 18" flexible whip hose with coupler and 6" rigid extension



PART NO.	PSI	CAPACITY
YA728A	6,000	16 oz. Bulk and 14 1/4 oz. Cartridge
FLEXIBLE HOSE (inches)	RIGID EXTENSION (inches)	LOADING
18	6	Bulk or Cartridge

### Grease Gun, Pistol Grip

GA472

 Packing: 1

- Standard series grease guns
- All are steel with zinc plating
- Inner-spring chamber can be either cartridge or bulk loaded



PART NO.	PSI	NOZZLE (inches)
GA472	5,000	13 1/4
CAPACITY (oz.)	RIGID EXTENSION (inches)	LOADING
14	3 1/2	Bulk, Cartridge, or Filler Pump

### Grease Gun, Pistol Grip

YA734A

 Packing: 1

- Develops 6,000 PSI maximum pressure
- Pistol grip unit features suction, cartridge, or filler pump loading
- Includes flip over follower, 18" flexible hose, 6" rigid extension and hydraulic coupler



PART NO.	PSI	CAPACITY
YA734A	6,000	16 oz. Bulk and 14 1/2 oz. Cartridge
FLEXIBLE HOSE (inches)	RIGID EXTENSION (inches)	LOADING
18	6	Bulk or Cartridge

## Oil Suction Gun

YA745A

Packing: 1

- 16 oz. capacity
- Fast, clean method for removing or adding transmission and gear oil
- Special follower is impervious to oil, grease, and water
- Flexible nozzle



## 1.4 HVLP Spray Gun

BLPK14HVLP

Packing: 1

- Lightweight and comfortable for all kinds of painting jobs
- Provides superior spray performance
- Stainless steel needle and tip



PART NO.	FLUID TIP (mm)	AIR CONSUMPTION (scfm)	AIR INLET THREAD SIZE
BLPK14HVLP	1.4	14.5	1/4" NPSM
FLUID (WATER) DELIVERY (mL/min)		AIR PRESSURE RANGE (psi)	CUP SIZE (cc)
190 to 250		30 to 43	600

## HVLP Spray Gun

Packing: 1

- Designed for the automotive refinishing painter, Blue-Point® spray guns are lightweight and feature great balance while delivering a quality, first class automotive finish
- A new generation of Blue-Point® spray guns for primer, base and clear coat
- Lowest trigger pull among guns in their class
- Unmatched spray pattern size and quality repair kits
- Optional interchangeable 125cc, 250cc and 600cc aluminum cups are available
- Optional 3M PPS adaptor is also available



PART NO.	FLUID TIP (mm)	AIR CONSUMPTION (scf m)	MAX. INLET HVLP (psi (bar, kpa))	DRY WEIGHT WITHOUT CUP (oz (grams))	AIR INLET THREAD SIZE	CUP SIZE (cc)	APPLICATION
BLP13HVLP	1.3	9.5	29 (2.0, 200)	12.6 (359)	1/4" NPSM	600	High solids, colors and clears
BLP14HVLP	1.4	9.5	29 (2.0, 200)	12.6 (359)	1/4" NPSM	600	High solids, colors and clears
BLP15HVLP	1.5	9.5	29 (2.0, 200)	12.6 (359)	1/4" NPSM	600	Medium solids, colors and clears
BLP18HVLP	1.8	9.5	29 (2.0, 200)	12.6 (359)	1/4" NPSM	600	Primer, high viscosity materials

### 1.0 Mini HVLP Spray Gun

BLP10MHVLP

Packing: 1



PART NO.	FLUID TIP (mm)	AIR CONSUMPTION (scfm)	AIR INLET THREAD SIZE
BLP10MHVLP	1.0	7.0	1/4" NPSM
MAX. INLET HVLP psi (bar, kPa)	DRY WEIGHT WITHOUT CUP oz (grams)	CUP SIZE (cc)	APPLICATION
29 (20, 200)	11.4 (322)	125	Primer, base and clear

### 1.4 Conventional Spray Gun

BLP14CONV

Packing: 1



PART NO.	FLUID TIP (mm)	AIR CONSUMPTION (scfm)	AIR INLET THREAD SIZE
BLP14CONV	1.4	9.5	1/4" NPSM
DRY WEIGHT WITHOUT CUP oz. (grams)	CUP SIZE (cc)	APPLICATION	
12.6 (359)	600	All automotive colors and clears	

### Bench Vice

Packing: 1

- Single piece steel blocks for higher load capacity
- Extended anvil
- Lubrication points for maintenance
- Optional swivel base
- Capacity range from 3.5 ton to 9 ton at maximum opening
- Reinforced cantilever support
- Interchangeable jaws
- Diamond ground for better grip
- Heavy duty cast iron construction
- Precise jaw alignment
- Rolled thread spindle for easy locating and tightening parts
- Protected spindle



PART NO.	JAW WIDTH
BLPMV4	4" jaws
BLPMV5	5" jaws
BLPMV6	6" jaws

### Bench Vice

Packing: 1

- Heavy duty, used for a variety of shop application
- Medium carbon steel serrated jaws, replaceable
- Built-in pipe handle with chrome finish
- Swivel base and large anvil to handle a variety of jobs
- Available in 4 sizes: 4", 5", 6" and 8"



PART NO.	JAW WIDTH (inches)
BLPM4A	4
BLPM5A	5
BLPM6A	6
BLPM8A	8

## Pinch Bars

Packing: 1

- Pinch bars are used to align, adjust and move metal and wood
- Angled chisel end for extra leverage when prying



PART NO.	SQ. STOCK (inches)	EDGE (inches)	LENGTH (inches)
1412A	1/2	5/8	14
1658C	1/2	5/8	16
2420A	3/4	15/16	20
2430C	3/4	5/8	30
2438C	3/4	7/8	38
2842C	7/8	1	42

## 41.5" Curved Fiberglass Prybar

PBFG415

Packing: 1

- Drop forged, hardened steel wedge end with rust-resistant black finish, is chemically bonded to fiberglass handle
- 50,000 strands of fiberglass are sleeved by a polypropylene jacket for comfort and variable hand placement during use
- About one-half the weight of a steel prybar of the same length and less flexible than a steel prybar for greater leverage
- Polypropylene sleeve is resistant to heat and cold for greater comfort in all temperatures



## C-Clamps

Packing: 1

- Similar to CL series c-clamps
- High visibility models conform to OSHA safety color standard for physical hazards regulation #19110.144
- 3/4" spindle diameter



PART NO.	CAPACITY (inches)	THROAT DEPTH (inches)
CL404VIS	0 - 4 1/2	3 1/4
CL406VIS	0 - 6 1/16	3 5/8
CL408VIS	0 - 8 1/4	5

## Prybar Set

BLPPB704

Packing: 1

- All bars have a 100% black oxide finish



PART NO.	CONTENTS	LENGTH (inches)
BLPPB704	1412A Pinch Bar	14
	2420A Pinch Bar	20
	7031A Close Quarter Bar	16
	BPPC1878 Flat Chisel	18

## C-Clamp Compressor

CF19B

Packing: 1

- This compact model includes CF19-3A Jaws for 1/4" to 1 1/16" diameter springs on small, air cooled engines and CF19A5 Jaws for both 17mm and 20.8mm diameter springs on Honda engines



## C-Clamp Compressor

CF811B

Packing: 1

- 1" to 2" capacity
- For "L" head, valve-in-head, high compression engines and vehicles with overhead valves
- Activating mechanism prevents cocking of valve spring as it is compressed



## Standard Duty Welding Kit

WE200A

Packing: 1

- Use for auto repair, construction, fabrication, manufacturing and maintenance
- Cuts up to 1" and welds up to 1/8"
- Cuts up to 4" and welds up to 1/2" with optional tips
- Durable and strong forged brass regulator
- Regulator diameter 2 1/4" allows precise control of gas
- Internal filter keeps particles from entering regulator
- PTFE Teon seat ensures positive sealing
- Handle shut-o valve color coding provide ease in identifying the corresponding gas control
- Two piece cutting tip allow easy cleaning
- High quality hose oers reduced tear resistance and increased exibility



PART NO.	DESCRIPTION
HRC1401340	85 Weld Handle with Check Valves
HRC1300380	72-3 Cut Attach
HRC9100614	D-85 Weld Mixer
HRC4300557	3/16 x 20 Twin Hose
HRC4304482	Cover Goggle
HRC9004486	Striker
WE200A1	Oxygen Regulator
WE200A2	Acetylene Regulator
HRC1502172	6290-1 #1 AC Cut Tip
HRC1600890	23-A-90-5 #5 Weld Tip
HRC1600870	23-A-90-3 #3 Weld Tip
HRC1600850	23-A-90-1 #1 Weld Tip

### Optional Accessories

PART NO.	DESCRIPTION
HRC1800710	J-63-1 Heating Assembly
HRC1600840	23-A-90-0 #0 Weld Tip
HRC1600860	23-A-90-2 #2 Weld Tip
HRC1600880	23-A-90-4 #4 Weld Tip
HRC1502170	6290-00AC #00AC Cut Tip
HRC1502171	6290-0AC #0AC Cut Tip
HRC1502173	6290-2AC #2AC Cut Tip
HRC1502174	6290-3AC #3AC Cut Tip
HRC4301650	88-5FBT PR. Torch Flash Arrestor
HRC9000160	E-9 Tip Cleaner (2 pc tip)
HRC9004484	Replacement Flints

## Welder & Plasma Cutter Cart

MIGCARTA

Packing: 1

- Features two trays along with 20" (L) x 12.75" (W) top tray to hold MIG welders and plasma cutters
- Includes cylinder bracket with adjustable chain to hold multiple diameter gas bottles
- Handle has storage tray for smaller items

PART NO.	OVERALL DIMENSIONS (inches)	SHIPPING WEIGHT (lbs.)
MIGCARTA	L41 x W19 1/2 x H25	43



## Tap & Die Set

GA541

Packing: 1

- Taps and dies from 1/4" to 1/2" in both NF and NC threads, taps and dies from 4-40 thru 12-24 and corresponding dies in Machine Screw Threads, a pipe thread tap and die, plus two die stocks and three tap wrenches, a screw pitch gauge, and a die adjusting screwdriver (41 pcs) in a storage case
- Die size 1/4" to 1/2" and 7 mm to 12 mm are a one-piece, 12-point design that can be turned with a 1" socket wrench (5/8" socket wrench for 3 to 6 mm dies) when working in places where a normal die stock cannot be used



## Metric Tap & Die Set

GAM541

Packing: 1

- 40-pc set features 1" single hex non-adjustable dies from 3 to 12mm, a 1/8" - 28 BSP die plus taps in the same sizes
- Also includes a die stock, 2 T-handle tap wrenches, a thread pitch gauge, a drill/tap chart and a midget screwdriver, all in a storage case



## Bender, Tubing

TBS200A

Packing: 1

- Makes left, right, or offset bends up to a 90° angle
- Degrees shown for accurate bending angle
- Handles 3/16", 1/4", 5/16", and 3/8" (4, 6, and 8mm) OD aluminum, copper, and stainless steel tubing
- Aluminum unit is 8 1/4" long when opened



## Deburring Tool

DEBUR300

Packing: 1

- Easily deburr drilled and machined holes
- Push button locking collet enables quick, easy blade changes
- Includes three round head deburring blades
- Blades conveniently store in handle of tool
- Weighs 1 lb
- 6" long

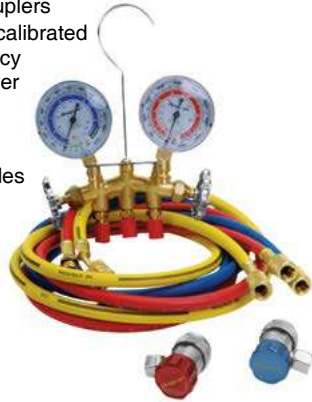


### Manifold Set

ACTR4131A

Packing: 1

- Anti-flutter gauges smooth out needle movement
- Easy grip all metal side mounted knobs
- Piston type free floating valves reduce O-ring wear
- Manual R134a couplers
- Gauges can be recalibrated to maintain accuracy
- 60" inner nylon layer hoses meet EPA, SAE, and UL standards
- Yellow hose includes shut off valve



### Manifold Repair Kit

ACT1234PKT

Packing: 1

- Includes various replacement lens, knobs, O-rings, gaskets and more
- Kit components are used to service ACTR41511



### Replacement Hose (R12)

ACTB72A / ACTY72A

Packing: 1

#### ACTB72A

- Automatic shutoff valves
- Blue, 6' length

#### ACTY72A

- Automatic shutoff valves
- Yellow, 6' length



### Replacement Hose (R12)

ACTB72 / ACTY72

Packing: 1

#### ACTB72

- 1/4 turn manual shutoff valves
- Blue, 6' length

#### ACTY72

- 1/4 turn manual shutoff valves
- Yellow, 6' length



### Replacement Hose (R134a)

ACTRB72 / ACTRR72 / ACTRY72

Packing: 1

- Low permeation hoses for internal equipment connections

#### ACTRB72

- Blue, 6' length

#### ACTRR72

- Red, 6' length

#### ACTRY72

- Yellow, 6' length



### Replacement Hose (R134a)

ACTRB96 / ACTRR96 / ACTRY96

Packing: 1

- Low permeation hoses for internal equipment connections

#### ACTRB96

- Blue, 8' length

#### ACTRR96

- Red, 8' length

#### ACTRY96

- Yellow, 8' length



## Double Flaring Tool Sets

Packing: 1

### TF5A Imperial Double Flaring Tool Set

- Makes double or single flares on soft steel, brass, or aluminum tubing from 3/16" to 1/2" OD
- Makes a smooth fitting, crack free 45° flare
- Set includes five adaptors, yoke assembly, bar assembly, and handle
- Storage case included

### TFM5A Metric Double Flaring Tool Set

- Same design as TF5A except it is for tubing with an OD from 4.75 to 10mm
- Set includes yoke, bar assembly, handle, and five adaptors: 4.75, 5, 6, 8, and 10mm
- Storage case included



## Flaring and Swaging Set

### TF275A

Packing: 1

- 45° flare or swage soft copper, brass, or aluminum tubing
- Die blocks handle 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8", and 3/4" OD tubing
- Swages 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", and 3/4" OD tubing
- TF275PB storage case included



## Metric Bubble Flaring Set

### TFM428

Packing: 1

- For automotive brake systems
- Designed for crack free bubble flares on soft wall tubing up to a wall thickness of .028"
- Adaptors included for 4.75, 6, 8, and 10mm flares
- TFM428PB storage case included





## Tube Cutting and Double Flaring Set

TF528D

Packing: 1

- Contains TC28C tubing cutter and a double flaring set with a flaring bar, rod handle, yoke, and 5 adaptors (3/16", 1/4", 5/16", 3/8", 1/2")
- Storage case included



## Tubing Cutter

TC28C

Packing: 1

- Cuts soft metal tubing ranging from 1/8" to 1" in diameter
- OD capacity is 1/8" to 1 1/8"
- Micrometer type adjustment
- Retractable locking reamer blade
- Cutter wheel is easily replaceable

TC28B1 Cutting Wheel

- Extra cutter wheel for TC28C



## Tubing Cutter

TC123C

Packing: 1

- Handles tubing from 1/8" to 5/8" OD
- Can be used where clearance around tubing is less than 1 3/8"
- 1 1/2" long when closed and 2" long when open; feed knob is 7/8" in diameter

TC123CRH Ratcheting Tube Cutter Handle

- Handle for TC123C tube cutter

TC123C1 Cutting Wheel

- Extra cutter wheel for TC123C



## Ratcheting Tube Cutter

TC123CR

Packing: 1

- TC123C cutter and TC123CRH handle combined into one unit



## Manual A/C Hose Crimper

ACTMAN2100

Packing: 1

- Unit is easily mounted to bench with holding fixture or held securely in a vise
- Includes a complete set of dies covering standard #6, #8, #10 and #12 hose sizes
- Includes storage case



## Fin Straightener & Cleaner

ACT407

Packing: 1

- Multi-head tool handles 8, 9, 10, 12, 14, and 15 fins per inch
- 4 1/4" long



## Spanner Wrench

ACT499A

Packing: 1

- Adjustable three stud design for GM R-4 compressors
- Also has applications on some GM, Warner, Pitts, and Ogura clutches



## Core Service Tool

ACT81290

Packing: 1

- Use on R12/R134a standard valve cores and JRA/EATON large bore R134a valve cores



## Orifice Tube Tool

ACT1008A

Packing: 1

- Services A/C systems
- 6 1/4" long
- Manual shut-off valves



## Expansion Tube Remover

ACT106B

Packing: 1

- For most GM models
- 4" long
- Manual shut-off valves



### Orifice Tube Remover

ACT1009A

Packing: 1

- Use as CCOT and FFOT screen extractor
- Use in conjunction with ACT106B
- Manual shut-off valves



### Flush Kit

ACT1046C

Packing: 1

- Provides pressure flushing of condensers, evaporators, and refrigerant lines after the A/C system is completely discharged
- Designed to work with any lightweight flushing material that can be mixed with pressurized air
- Includes flush gun, hose, canister, and canister adaptor



### Oil Injector Adaptor

ACT111B

Packing: 1

- Has an aluminum body and holds up to 2 oz. of oil
- Uses pressure differential of the high and low side of A/C system



### Quick Connect Set

ACT119

Packing: 1

- Simplifies connecting to core valve service fittings
- Includes both a straight coupler and a 90° coupler that accept either of two adaptors (one for low side, one for high side)
- Manual shut-off valves



### Universal Valve Core Tool

VT14

Packing: 1

- Double ended wrench removes and installs large and small valve cores
- Reverse the double ended wrench in the tool body to fit both large and small valve cores
- Use the cup end to remove valve caps
- Valve Stem Inserters
- Simplify installation of valve stem in tubeless tire rim
- Shank is notched to accommodate various rim styles
- Has a comfortable, screwdriver type handle
- 12" long



### Valve Stem Inserter

VT1A

Packing: 1

- Simplify installation of valve stem in tubeless tire rim
- Shank is notched to accommodate various rim styles
- Has a comfortable, screwdriver type handle
- 12" long



## 1/2" Torque Stick Set, 5pcs

BTQS500

Packing: 1

- Entry level set covers the most popular models
- Size ranges from 19 to 22mm
- Torque range from 80 to 147 ft. lbs
- 1/2" drive
- Includes BTQS12B, BTQS12BB, BTQS12C, BTQS12EE and BTQ12SI (5 pcs) in BTQSCASE storage case



## 1/2" Torque Stick Set, 6pcs

BTQS600

Packing: 1

- Set contains sticks to compliment the BTQS1000 set to cover any applications you may still have
- Size ranges from 17 to 22mm
- Torque range from 55 to 113 ft. lbs
- 1/2" drive
- Includes BTQS12AA, BTQS12F, BTQS12G, BTQS12H, BTQS12K and BTQS12MM (6 pcs) in BTQSCASE storage case



## 1/2" Torque Stick Set, 10pcs


BTQS1000

Packing: 1

- Master set covers the majority of domestic and foreign cars and light trucks
- Size ranges from 19 to 24mm
- Torque range from 80 to 160 ft. lbs
- 1/2" drive
- Includes BTQS12A, BTQS12B, BTQS12BB, BTQS12C, BTQS12E, BTQS12EE, BTQS12I, BTQS12T, BTQS12XX and BTQS12Y (10 pcs) in BTQSCASE storage case



## 1/2" Torque Stick

 Packing: 1

- Take the guesswork out of tightening lug nuts
- Strobe marks stop turning at precisely the correct torque on each and every job
- Engineered for rugged professional environments
- Manufactured with heat-treated spring steel in a solid one-piece design
- Sticks are individually packaged
- This is an extension - use your existing sockets for different sizes



PART NO.	COLOR	TORQUE LIMIT (ft.lbs)	PART NO.	COLOR	TORQUE LIMIT (ft.lbs)
BLPTSK65	Yellow	65	BLPTSK140	Aqua Blue	140
BLPTSK80	Dark Blue	80	BLPTSK160	Green	160
BLPTSK90	Beige	90	BLPTSK175	Red	175
BLPTSK100	Grey	100	BLPTSK190	Purple	190
BLPTSK120	White	120	BLPTSK200	Brow	200

## Wheel Lock Kit

LSR1000A

 Packing: 1

- Wheel Lock Removal Socket Set
- Easily removes most lug nuts and wheel locks on most domestic and import passenger vehicles and light trucks
- Use with hand driver or impact wrench
- Some sockets cover specific GM, Ford and Chrysler applications
- Set includes 11 sockets, extension and extractor punch in storage case



## Gas Cap Adaptor

EELDGASCAP1

 Packing: 1

- Quickly pops-on virtually any filler neck
- Costly replacement seals are no longer needed
- One size fits all (new model vehicles may be subject to change)



## Heavy Duty Toyota Oil Filter Tool

OFTOY468

 Packing: 1

- Suits all Toyota and Lexus models with cartridge style engine oil filter
- Manufactured from heavy duty chrome vanadium material to withstand loads required to remove frozen oil filter covers
- 65mm across flat
- 1/2" square drive and 24mm (15/16") hex



## Hose Nozzle

NOZZLE360A

Packing: 1

- Turns any standard 5/8" hose into a multi-function cleaning tool
- Five different spray patterns for multiple applications
- Wash/rinse vehicles or water plants using a softer, cascading stream
- Clean pools, deck and driveways with heavy duty stream
- Clean service bays, shop floors and blast mud/dirt from vehicles with a powerful jet stream
- 360° jetted nozzle is engineered from rugged extruded aluminum, forged stainless steel, high grade fiberglass and comfort grip santoprene rubber
- Patented 2-way shut off



## Line Clamp Set

HCP3KT

Packing: 1

- HCP6A, HCP7A and HCP10A (6", 7", 10") in storage pouch

### HCP6A Hose Pinching Pliers

- For sealing hose sizes 1/8" to 5/16"
- Also use on brake lines, fuel lines and vacuum hoses
- 6" long

### HCP7A Hose Pinching Pliers

- For sealing hose sizes 1/2" to 3/4"
- Also use on heater hoses and vacuum lines
- 7" long

### HCP10A Hose Pinching Pliers

- For sealing hose sizes 3/4" to 2 1/4"
- Also use on radiator hoses
- 10" long



## Master Plus Disconnect Set

LDT14

Packing: 1

- LDT14 contains all tools from the popular LDT8, Master Disconnect Set; in addition the kit has:
- The two most popular Jiffy-tite Disconnect tools
- The new blue 5/16" fuel line adapter
- A set of 4 air line push-pull disconnect tools that work on heavy duty trucks and industrial applications
- Label inside cover of carrying case shows images and applications



## Master Line Disconnect Set

LDT8

Packing: 1

- A complete set of disconnect tools for spring lock and quick disconnect couplings used on air conditioning and fuel lines on Ford, GM and Chrysler vehicles
- Includes a set of six standard disconnect tools (5/16", 3/8", 1/2", 5/8", 3/4" and 7/8") and six color coded, angled disconnect tools for use in tight spots
- SPECIALIZED GM APPLICATIONS:  
Includes tools for use on GM 3/8" flex fuel capable fuel filter removal plus 5/16" and 3/8" GM fuel modules
- SPECIALIZED FORD APPLICATIONS:  
Includes tools for use on 3/8" and 1/2" Ford transmission and cooler lines with stepped line plus 5/16" x 3/8" scissor disconnect and Ford coupler disconnect tools



### Gasoline Engine Injector Set

BPENKIT

Packing: 1

- For test gasoline fuel injection pressure
- Ideal for most American, Asian and European cars
- Set includes pressure gauge, hose, hook for securing gauge to under vehicle's hood, 34 size types of fuel valves
- Blow mold
- \*\*Not to be used on diesel engines



### 3/8" Drain Nuts

BLPODKIT

Packing: 1

- 3/8" sq drive: 15 pcs oil drain kit
- 14 different socket sizes (8-17mm) and 1 pc sliding T-handle bar
- Suitable for transmission, differential and gear oil plugs
- Blow molded case



### Universal Radiator Pressure Test Kit

RADKIT18

Packing: 1

- Easy to use for testing leaks in radiators by connecting the pressure tester pump to a test cap or adaptor onto the radiator
- Connectors are included to test leaks in pressure cap as well as for releasing pressure
- Includes 13 test caps and adaptors cover a great variety of sizes for most US, Euro and Japan car makes
- Thermometer included for measuring coolant temperature



### Disconnect Set

ACT1370

Packing: 1

- Set includes six tools for disconnecting spring couplings on fuel lines
- Convenient plastic holder included
- Also useful on A/C spring couplings as well as push lock connectors on radiator and transmission lines
- Includes six tools for disconnecting spring couplings on Ford, GM, and Chrysler A/C lines
- Works on fuel lines and can be used as push lock connectors on radiator and transmission lines
- Included sizes are 5/16", 3/8", 1/2", 5/8", 3/4" and 7/8"



## Manual Fluid Dispenser

VAC201

Packing: 1

- Easily remove engine oil, gear and transmission oil, coolant and brake fluids
- Unit creates vacuum or pressure providing a clean, fast and simple way to evacuate or dispense a wide range of fluids
- Automatic shut off prevents the overflow of the reservoir tank with shut off at 8 liters
- 2.3 gallon (8.8 liter) total capacity
- Durable polyethylene construction is impervious to automotive and house hold chemicals
- No electrical or compressed air required
- Sturdy base with exterior pump helps prevent evacuator from tipping
- Complete system includes manual fluid evacuator, main hose assembly (5/16" ID x 54" long) plus two rigid dipstick tubes for engine oil removal (3/16" ID x 34" and 1/8" ID x 34")



## Terminal Brush

BTC3A

Packing: 1

- Stiff wire bristles thoroughly clean posts and clamps
- 3 3/8" long



## Oil Filter Strap Wrench

BLPOFSW

Packing: 1

- Use on spin-type oil filters up to 6" diameter
- Cold rolled steel bracket
- Strong nylon belt prevent slippage
- Use with 1/2" ratchet



## Oil Filter Wrench Set, 7pcs

FWK7A

Packing: 1

- Wrenches in set cover 95% of domestic and import automobile and light truck oil filters
- Storage/carrying case keeps wrenches together for quick access and contains any oil residue keeping it out of your tool storage unit
- Includes laminated application chart
- FWK7A set includes FW656714A, FW757715A, FW7614A, FW7630A, FW8015, FW9315A and FWA62121A oil filter wrenches



## Oil Filter Wrenches

Packing: 1



PART NO.	SIZE (mm)	STEPS	FLATS	STYLE
FW656714A	65, 67	2	14	Cup
FW757715A	75, 77	2	15	Cup
FW7630A	76	1	30	Cup
FWA62121A	62, 121	—	—	Adjustable

PART NO.	SQ. DRIVE (inches)	APPLICATION
FW656714A	3/8	Fram-PH4386, PH4967, PH6017, PH6018, PH6607
FW757715A	3/8	NAPA, AC Delco, Castrol, STP, Penske
FW7630A	3/8	Fram, IAPCO, Motorcraft, Parts Plus, Pennzoil
FWA62121A	3/8	Adjustable filter wrench for 62 to 121mm diameter oil filters, 3/4" external hex



**Funnel**

FUNN15

Packing: 1

- High visibility red funnel for large neck fillers
- Both ends of the funnel have screw on caps to contain fluids if needed
- 1.5 qt. capacity

**18" Hose**

YA752

Packing: 1

- 18" long version of YA751

**12" Hose**

YA751

Packing: 1

- For powered and hands operated grease guns
- 1/8" NPT(m) both ends
- 4,500 maximum PSI
- 12" long

**Nozzle, Needle**

YA750

Packing: 1

- 1/8" NPT(f.) thread
- 2 3/4" long

**Adaptor, Needle Type**

YA801

Packing: 1

- For universal joint fittings, water pumps, and metal covered springs
- 4 7/8" long

**Accessory Pack, Grease-dispensing**

YA7500

Packing: 1

- Includes 10 pcs. as follows in a storage tray
  - Universal swivel
  - Needle nozzle coupler
  - Flex whip hose 12"
  - Flex whip hose 18" (for manual grease guns)
  - Flex whip hose 18" (for powered grease guns)
  - Heavy duty coupler
  - Swivel coupler
  - Coupler
  - Coupler extension
  - Angle lube adaptor

**Serpentine Belt Tool Kit**

YA9350B

Packing: 1

- Hex Applications
  - YA9350-6** (13mm or 1/2") - GM "Quad 4" 2.3L and Volkswagen 2.0L
  - YA9350-2** (14mm) - Isuzu 3.1L, Lexus (2.5L, 3.0L, 4.0L), Mazda (2.3L, 3.0L, 4.0L), Saturn 1.9L with 4mm hex on idler pulley, Toyota 3.0L, Volkswagen (1.8L, 2.5L, 2.8L)
  - YA9350-8** (15mm) - GM 2.2L, Isuzu 2.8L, Jeep 4.7L
  - YA9350-7** (16mm or 5/8") - Ford/Lincoln/Mercury (2.3L, 3.8L, 4.0L, 4.9L, 5.0L, 5.8L), GM (4.3L, 5.0L, 5.7L)
  - YA9350-3** (18mm) - GM (2.0L, 3.1L, 3.3L, 3.4L, 3.8L)
  - YA9350-9** (19mm or 3/4") - Mercedes (use with 15mm adapter for extra reach), Toyota (1.8L, 2.4L)
- Wrench Only - Dodge/Chrysler/Plymouth (3.0L, 3.3L, 3.9L) (has 15mm drive), Ford/Lincoln/Mercury (2.3L, 3.0L, 3.8L)
- Square Applications
  - YA9350-4** (3/8") - Ford/Lincoln/Mercury (1.9L, 2.3L, 2.5L, 4.0L), GM (2.0L, 2.2L, 2.8L, 3.1L, 3.4L), Isuzu (2.8L, 3.1L)
  - YA9350-5** (1/2") - Dodge/Chrysler/Plymouth (2.0L, 3.0L), Ford / Lincoln/Mercury (2.3L, 3.0L, 4.2L, 4.6L)



## Serpentine Belt Tool

SBT26

Packing: 1

- Works on all serpentine belts
- Clamping jaw allows user to position serpentine belt without the belt slipping out of the tool
- Positive grip allows belt routing in tight access areas that would normally be difficult to reach
- Ergonomic handle provides comfort and ease in use, acting as an extension of the user's hand
- Lightweight steel body for durability and strength



## Bearing Race and Seal Driver Set

A1310A

Packing: 1

- Collars fit most standard wheel bearing sizes
- The three largest sizes fit most late model 4 wheel drive vehicles



## Throttle Depressor

B240B

Packing: 1

- Holds throttle at a constant RPM
- Easily adjusts to desired length
- Adjustment screw fine tunes desired RPM
- Rubber tip keeps the tool firmly positioned on the accelerator pedal
- Overall length of 40" (102cm)
- Can also be used as a pedal depressor



## Ring Compressors

Packing: 1

- Clutch control holds tension band in position as piston is inserted into cylinder
- 1/2" wide spring bands equalize tension over belt width so ring assembly may be compressed into groove until flush with piston
- "V" beads on lower edge of belt keep tool from entering cylinder
- RC40C can be used upside down for Chevrolet, Mercury, and Ford trucks with angled blocks



PART NO.	BAND	CAPACITY (inches)	DEEP (inches)
RC40C	2	2 1/8 to 5	3 1/2
RC50C	2	3 1/2 to 7	3 1/2

## Cooling System Pressure Tester

SVT275

Packing: 1

- Inflatable bladder sealing system enables use with most passenger and light commercial vehicles
- Tests header tanks and radiator systems as well as thread type and bayonet-style caps
- Locate leaks from head gaskets, radiator and heater cores, Welch plugs and housings, water pumps and hoses
- Test cap relief pressure and seal condition
- Suitable for marine applications
- Fluid drain tube allows coolant to be returned to reservoir or safely collected for recycling
- Bladders are cycle tested to over 1,500 inflations



## Cooling System Adaptor Set

SVTAB1400

Packing: 1

- TAB Series Adaptors feature a composite metal/plastic construction for a lower cost option
- Set includes 14 radiator composite metal/plastic radiator adaptors
- Includes all TAB Series Adaptors plus TA4503 Adaptor
- PBSVTA1417 Storage Case has a removable cover for display purposes



## Spreader

GA395

Packing: 1

- For standard four piston caliper disc brakes
- Frees hands to assemble caliper over rotor
- 6 3/4" long



## Pad Spreader

YA2440

Packing: 1

- For use on most domestic and import cars and light duty trucks with single piston disc brakes without parking brakes
- Compresses the disc brake piston for easy pad installation



## Power Steering Adaptor Kit

YA4008

Packing: 1

- Aids in the removal of trapped air from power steering systems
- Adaptor designed to fit snugly in the neck of the power steering reservoir to form an airtight seal when vacuum applied



## Brake Rotor Tool

YA9329A

Packing: 1

- Use to rotate piston back into caliper cylinder when replacing pads
- Also rotates parking brake cylinder back into the caliper cylinder on vehicles with four wheel disc brakes
- For 1975 and later Ford and Mercury plus some imports



## Inner Tie Rod Tool

YA3000D

Packing: 1

- Designed to remove tie rods lacking a full hex on the socket end
- Removable crowfoot adaptors are placed on hex of tie rod
- Tool then engages crowfoot for removal or installation of tie rod
- Includes crowfoot adaptors in 1 3/16", 1 1/4", 1 5/16", 1 7/16", 1 1/2" and 33.6mm sizes



## Inner Tie Rod Tool

YA3500

Packing: 1

- Removes inner tie rods equipped with completely round end sockets or flats
- Designed to remove and install all inner tie rod sockets up to 1 31/64"
- Wrench head has 3 set screws that tighten against the socket
- Includes 1/4" short head hex wrench



## Master MacPherson Strut Tool

MSC1

Packing: 1

- Designed to quickly and easily compress most MacPherson strut springs
- Compresses up to 5/8" (.625mm) coil diameter
- Broad spring contact for stable compression
- Acme threaded rod and built in detent latches to help lock coil in place
- Forged construction for strength and durability



## Brake Service Tools

YA4000B

Packing: 1

- Produces vacuum or pressure at the turn of a switch
  - Comfortable ergonomic design
  - One finger trigger vacuum/pressure release
  - Durable, accurate diaphragm type pressure/vacuum gauge
  - Handheld vacuum/pressure pump with 2" compound gauge and rubber boot
  - 12 oz. fluid reservoir bottle with fluid transfer and storage lids plus fluid pick up tube
  - 6 tapered adaptors for connecting to tubing from .09" to .50" ID
  - 2 tapered manifold plugs
  - 2 universal bleed screw adaptors
  - 12 vacuum cap plugs, vacuum line T-adaptor
  - (2) 1/4" ID x 24" long connection tubes with quick-change connector
  - 5/32" ID x 1/4" ID tubing adaptor
  - 5/32" ID x 3" long vacuum test tube
  - Rubber cupped adaptor
  - Master cylinder refill kit
- Applications:
- Vacuum and pressure related engine performance diagnostics and tune-ups
  - Brake bleeding
  - Fluid transfer, evacuation and sampling



## Cam Lock Tool Set

ML6000COMBO

Packing: 1

- Includes (4) CC100 Single Cam Clamps and (1) ML6000 Dual Cam Clamp in storage tray
- Single cam clamp can be used on engines where the dual clamp will not fit
- Compact design permits easy operation in confined engine areas
- Simple and easy to use
- Manufactured from high strength industrial polymers which will not corrode or damage engine pulleys
- Dual cam clamp prevent engine damage resulting from incorrect timing
- Maintain valve timing during belt replacement on twin and quad cam engines
- Compact design allows access in transverse engines
- Fits timing gear diameters from approximately 4" (101mm) to 6" (152mm)
- Fits gear spacing from approximately 0.06" (1.6mm) to 3" (76mm)



## Coil Spring Compressor

MSC2

Packing: 1

- Removes and installs coil springs quickly and safely
- Compresses coil springs on all passenger cars and pick up trucks
- Features Acme threaded rod



## Ring Compressor Set

RC980

Packing: 1

- Works both horizontally and vertically with pliers grip handle
- Has a fine tooth ratcheting mechanism
- Includes 6 hardened steel bands: 2 7/8" to 3 1/8", 3 1/8" to 3 3/8", 3 3/8" to 3 5/8", 3 5/8" to 3 7/8", 3 7/8" to 4 1/8", and 4 1/8" to 4 3/8"



## Valve Spring Compressor

CF700B

Packing: 1

- 7/8" to 2 1/2" capacity
- Operates on 90 PSI to 150 PSI, but develops up to 3 times output pressure
- Tool measures 1" x 8"



## Strap Wrench

A91E

Packing: 1

- Use on large diameter oil filters 1 to 6"
- Includes both 3/8" and 1/2" square drives



### Vacuum Cleaner - Shop

YB30VU

Packing: 1

- Powerful 1300 watts output motor
- Water lift of 100 inch
- 30L HD stainless steel tank
- Wet and dry function
- EVA hose – 3m , Cord – 9m

Available Accessories:

- PET Washable Cartridge Filter
- Big fiber Pre-filter
- Combo Floor Nozzle
- Collection Bag
- 2 rear big wheels
- 2 Steel Wands
- 1 Steel Elbow w/ Air Flow Adjuster
- Round Brush with Horse Hair
- Crevice Tool
- Large Drain
- Polyurethane Adaptor



### Deluxe Air Vacuum System

AV1000A

Packing: 1

- Ideal for vehicle media installation and body shops plus other applications in need of picking up dust, metal shavings or broken glass
- Large collection bag includes a debris baffle and sliding bag clamp for emptying debris
- Lightweight ergonomic handle design
- Includes 8.7" aluminum extension tube, 8 1/2" plastic extension tube (AV1000A10), flexible extension tube (AV1000A9), pointed nozzle (AV1000A11) and crevice tool with brush (AV1000A8)



PART NO.	AIR CONSUMPTION, AVERAGE, DFM (scfm) [l/min]	SOUND LEVEL, FREE SPEED, (dBa)
AV1000A	3 (21) [84.95]	81.2
SOUND LEVEL, WORKING (dBa)	RECOMMENDED HOSE SIZE (inches)	LENGTH (WITHOUT BAG), INCHES (mm)
81.2	3/8	13 (330)
BRUSH SIZE, inches (mm)	BAG SIZE, inches (mm)	WEIGHT, lbs. (kg)
1 1/8 x 2 5/8 (28.5 x 66.7)	6 1/2 x 11 1/4 (165 x 285)	0.88 (0.4)

### Industrial Paper

BPAP1

Packing: 1

- Excellent for cleaning off oil and residue from tools, hardware, equipment and mechanical components
- Tough for industrial use
- Lint free to prevent electrostatic charge as well as a clean surface
- Made from cellulosic and polypropylene for better absorbability



PART NO.	SIZE (mm)	COLOR	PIECES / ROLL
BPAP1	310 * 340	White	1100

### Industrial Paper

BPAP2

Packing: 6

- Excellent for cleaning off oil and residue from tools, hardware, equipment and mechanical components
- Tough for industrial use
- Lint free to prevent electrostatic charge as well as a clean surface
- Made from cellulosic and polyethylene for softness and finer surface





























PART NO.	SIZE (mm)	COLOR	PIECES / ROLL
BPAP2	250 * 350	Green	300

## Important Words About Safety for Users and Bystanders

Following these basic safety rules is a good start toward protecting yourself and others in the vicinity from injury while using tools

- Wear safety goggles
- Use the right tool
- Use the tool properly
- Maintain the tool regularly
- Keep tools away from children
- Do not use tools on live electrical circuits unless specifically designed for such use
- Read and follow instructions

Prohibited Actions	Mandatory Actions	Hazard Alerts
 <b>THIS SYMBOL INDICATES PROHIBITED ACTION</b>	 <b>THIS SYMBOL INDICATES MANDATORY ACTION</b>	 <b>THIS SYMBOL INDICATES A HAZARD ALERT</b>
 DO NOT OVER-TORQUE NO PIPES OR LEVER EXTENSIONS	 MANDATORY EAR PROTECTION	<p>RED BACKGROUND – DANGER ORANGE BACKGROUND – WARNING YELLOW BACKGROUND – CAUTION</p>
 NO HAMMERING	 MANDATORY FACE SHIELD	 VIBRATION HAZARD
 NO PRYING	 MANDATORY MASK	 RISK OF EXPLOSION
 DO NOT STRIKE HARD OBJECTS	 MANDATORY RESPIRATOR	 OVERHEAD/OVERLOAD HAZARD
 NO IMPACT/POWER DRIVE	 MANDATORY PROTECTIVE CLOTHING	 RISK OF ELECTRIC SHOCK
 DO NOT STEP IN OR ON DRAWERS	 MANDATORY PROTECTIVE GLOVES	 RISK OF FIRE
 DO NOT OPEN MULTIPLE DRAWERS	 MANDATORY EYE PROTECTION	 RISK OF ENTANGLEMENT
 DO NOT PULL TO MOVE	 MUST READ INSTRUCTIONS BEFORE USE	
 KEEP CHILDREN AWAY		

Safety messages in this catalog use the guidelines of the American National Standard ANSI Z535. 4 for Product Safety Signs and Labels and ANSI Z535.3 Criteria for Safety Symbols. Messages associated with specific products use a triangular hazard alert symbol, signal word (CAUTION, WARNING, DANGER) and how to avoid the hazard.

PLEASE READ AND FOLLOW these messages to avoid injury to yourself and bystanders.

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### 1/4" & 1/2" Square Drive Tools

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## 1/4" & 3/8"

### 1/4" & 3/8" Square Drive Tools

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

### 1/4" & 3/8" & 1/2" Square Drive Tools

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## Showing Millimeter Sizes, Fractional and Decimal Inch Sizes, and Drill Number Sizes

Note: To convert from inches to millimeters, multiply by 25.4; to convert from millimeters to inches, multiply by 0.03937

M	DE	F	DN	M	DE	F	DN	M	DE	F	DN	M	DE	F	DN	M	DE	F	M	DE	F	
0.10	0.0039	—	—	1.85	0.0728	—	—	—	0.1660	—	19	7.25	0.2854	—	—	13.49	0.5313	17/32	35.00	1.3780	—	
0.15	0.0059	—	—	—	0.0730	—	49	4.25	0.1673	—	—	7.30	0.2874	—	—	13.50	0.5315	—	36.00	1.4173	—	
0.20	0.0079	—	—	1.90	0.0748	—	—	4.30	0.1693	—	—	—	0.2900	—	L	13.89	0.5469	35/64	36.51	1.4375	17/16	
0.25	0.0098	—	—	—	0.0760	—	48	—	0.1695	—	18	7.40	0.2913	—	—	14.00	0.5512	—	37.00	1.4567	—	
0.30	0.0118	—	—	1.95	0.0768	—	—	4.37	0.1719	11/64	—	—	0.2950	—	M	14.29	0.5625	9/16	38.00	1.4961	—	
—	0.0135	—	80	1.98	0.0781	5/64	—	—	0.1730	—	17	7.50	0.2953	—	—	14.50	0.5709	—	38.10	1.5000	11/2	
0.35	0.0138	—	—	—	0.0785	—	47	4.40	0.1732	—	—	—	7.54	0.2969	19/64	—	14.68	0.5781	37/64	39.00	1.5354	—
—	0.0145	—	79	2.00	0.0787	—	—	—	0.1770	—	16	7.60	0.2992	—	—	15.00	0.5906	—	39.69	1.5625	1 9/16	
0.40	0.0156	1/64	—	2.05	0.0807	—	—	4.50	0.1772	—	—	—	0.3020	—	N	15.08	0.5938	19/32	40.00	1.5748	—	
0.40	0.0157	—	—	—	0.0810	—	46	—	0.1800	—	15	7.70	0.3031	—	—	15.48	0.6094	39/64	41.00	1.6142	—	
—	0.0160	—	78	—	0.0820	—	45	4.60	0.1811	—	—	—	7.75	0.3051	—	—	15.50	0.6102	—	41.28	1.6250	1 5/8
0.45	0.0177	—	—	2.10	0.0827	—	—	—	0.1820	—	14	7.80	0.3071	—	—	15.88	0.6250	5/8	42.00	1.6535	—	
—	0.0180	—	77	2.15	0.0846	—	—	4.70	0.1850	—	13	7.90	0.3110	—	—	16.00	0.6299	—	42.86	1.6875	1 11/16	
0.50	0.0197	—	—	—	0.0860	—	44	4.75	0.1870	—	—	—	7.94	0.3125	5/16	—	16.27	0.6406	41/64	43.00	1.6929	—
—	0.0200	—	76	2.20	0.0866	—	—	4.76	0.1875	3/16	—	—	7.80	0.3150	—	—	16.50	0.6496	—	44.00	1.7323	—
—	0.0210	—	75	2.25	0.0886	—	—	4.80	0.1890	—	12	—	0.3160	—	O	16.67	0.6563	21/32	44.45	1.7500	1 3/4	
0.55	0.0217	—	—	—	0.0890	—	43	—	0.1910	—	11	8.10	0.3189	—	—	17.00	0.6693	—	45.00	1.7717	—	
—	0.0225	—	74	2.30	0.0906	—	—	4.90	0.1929	—	—	—	8.20	0.3228	—	—	17.07	0.6719	43/64	46.00	1.8110	—
0.60	0.0236	—	—	2.35	0.0925	—	—	—	0.1935	—	10	—	0.3230	—	P	17.46	0.6875	11/16	46.04	1.8125	1 13/16	
—	0.0240	—	73	—	0.0935	—	42	—	0.1960	—	9	8.25	0.3248	—	—	17.50	0.6890	—	47.00	1.8504	—	
—	0.0250	—	72	2.38	0.0938	3/32	—	5.00	0.1969	—	—	—	8.30	0.3268	—	—	17.86	0.7031	45/64	47.63	1.8750	1 7/8
0.65	0.0256	—	—	2.40	0.0945	—	—	—	0.1990	—	8	8.33	0.3281	21/64	—	—	18.00	0.7087	—	48.00	1.8898	—
—	0.0260	—	71	—	0.0960	—	41	5.10	0.2008	—	—	—	8.40	0.3307	—	—	18.26	0.7188	23/32	49.00	1.9291	—
0.70	0.0276	—	—	2.45	0.0965	—	—	—	0.2010	—	7	—	0.3320	—	Q	18.50	0.7283	—	49.21	1.9375	1 15/16	
—	0.0280	—	70	—	0.0980	—	40	5.16	0.2031	13/64	—	—	8.50	0.3346	—	—	18.65	0.7344	47/64	50.00	1.9685	—
—	0.0292	—	69	2.50	0.0984	—	—	—	0.2040	—	6	—	8.60	0.3386	—	—	19.00	0.7480	—	50.80	2.0000	2
0.75	0.0295	—	—	—	0.0995	—	39	5.20	0.2047	—	—	—	—	0.3390	—	R	19.05	0.7500	3/4	51.00	2.0079	—
—	0.0310	—	68	—	0.1015	—	38	—	0.2055	—	5	8.70	0.3425	—	—	19.45	0.7656	49/64	52.00	2.0472	—	
0.79	0.0313	1/32	—	2.60	0.1024	—	—	5.25	0.2067	—	—	—	8.73	0.3438	11/32	—	19.50	0.7677	—	52.39	2.0625	2 1/16
0.80	0.0315	—	—	—	0.1040	—	37	5.30	0.2087	—	—	—	8.75	0.3445	—	—	19.84	0.7813	25/32	53.00	2.086	—
—	0.0320	—	67	2.70	0.1063	—	—	—	0.2090	—	4	8.80	0.3465	—	—	20.00	0.7874	—	53.98	2.1250	2 1/8	
—	0.0330	—	66	—	0.1065	—	36	5.40	0.2126	—	—	—	—	0.3480	—	S	20.24	0.7969	51/64	54.00	2.1260	—
0.85	0.0335	—	—	2.75	0.1083	—	—	—	0.2130	—	3	8.90	0.3504	—	—	20.50	0.8071	—	55.00	2.1654	—	
—	0.0350	—	65	2.78	0.1094	7/64	—	5.50	0.2165	—	—	—	9.00	0.3543	—	—	20.64	0.8125	13/16	55.56	2.1875	2 3/16
0.90	0.0354	—	—	—	0.1100	—	35	5.56	0.2188	7/32	—	—	—	0.3580	—	T	21.00	0.8268	—	56.00	2.2047	—
—	0.0360	—	64	2.80	0.1102	—	—	5.60	0.2205	—	—	—	9.10	0.3583	—	—	21.03	0.8281	53/64	57.00	2.2441	—
—	0.0370	—	63	—	0.1110	—	34	—	0.2210	—	2	9.13	0.3594	23/64	—	—	21.43	0.8438	27/32	57.15	2.2500	2 1/4
0.95	0.0374	—	—	—	0.1130	—	33	5.70	0.2244	—	—	—	9.20	0.3622	—	—	21.50	0.8465	—	58.00	2.2835	—
—	0.0380	—	62	2.90	0.1142	—	—	5.75	0.2264	—	—	—	9.25	0.3641	—	—	21.83	0.8594	55/64	58.74	2.3125	2 5/16
—	0.0390	—	61	—	0.1160	—	32	—	0.2280	—	1	9.30	0.3661	—	—	—	22.00	0.8661	—	59.00	2.3228	—
1.00	0.0394	—	—	3.00	0.1181	—	31	5.80	0.2283	—	—	—	—	0.3680	—	U	22.23	0.8750	7/8	60.00	2.3622	—
—	0.0400	—	60	—	0.1200	—	—	5.90	0.2323	—	—	—	9.40	0.3701	—	—	22.50	0.8858	—	60.33	2.3750	2 3/8
—	0.0410	—	59	3.10	0.1220	—	—	—	0.2340	—	A	9.50	0.3740	—	—	—	22.62	0.8906	57/64	61.00	2.4016	—
1.05	0.0413	—	—	3.18	0.1250	1/8	—	5.95	0.2344	15/64	—	—	9.53	0.3750	3/8	—	23.00	0.9055	—	61.91	2.4375	2 7/16
—	0.0420	—	58	3.20	0.1260	—	—	6.00	0.2362	—	—	—	—	0.3770	—	V	23.02	0.9063	29/32	62.00	2.4409	—
—	0.0430	—	57	3.25	0.1280	—	30	—	0.2380	—	B	9.60	0.3780	—	—	—	23.42	0.9219	59/64	63.00	2.4803	—
1.10	0.0433	—	—	—	0.1285	—	—	6.10	0.2402	—	—	—	9.70	0.3819	—	—	23.50	0.9252	—	63.50	2.5000	2 1/2
1.15	0.0453	—	—	3.30	0.1299	—	—	—	0.2420	—	C	9.75	0.3838	—	—	—	23.81	0.9375	15/16	64.00	2.5197	—
—	0.0465	—	56	3.40	0.1339	—	—	6.20	0.2441	—	—	—	9.80	0.3858	—	—	24.00	0.9449	—	65.00	2.5591	—
1.19	0.0469	3/64	—	—	0.1360	—	29	6.25	0.2460	—	D	—	—	0.3860	—	W	24.21	0.9531	61/64	65.09	2.5625	2 9/16
1.20	0.0472	—	—	3.50	0.1378	—	—	6.30	0.2480	—	—	—	9.90	0.3898	—	—	24.50	0.9646	—	66.00	2.5984	—
1.25	0.0492	—	—	—	0.1405	—	28	6.35	0.2500	1/4	E	9.92	0.3906	5/64	—	—	24.61	0.9688	31/32	66.68	2.6250	2 5/8
1.30	0.0512	—	—	3.57	0.1406	9/64	—	6.40	0.2520	—	—	—	10.00	0.3937	—	—	25.00	0.9843	—	67.00	2.6378	—
—	0.0520	—	55	3.60	0.1417	—	—	6.50	0.2559	—	—	—	—	0.3970	—	X	25.00	0.9844	63/64	68.00	2.6772	—
1.35	0.0531	—	—	—	0.1440	—	27	—	0.2570	—	F	—	—	0.4040	—	Y	25.40	1.0000	1	68.26	2.6875	2 11/16
—	0.0550	—	54	3.70	0.1457	—	—	6.60	0.2598	—	—	—	10.32	0.4063	3/32	—	26.00	1.0236	—	69.00	2.7165	—
1.40	0.0551	—	—	—	0.1470	—	26	—	0.2610	—	—	—	—	0.4130	—	Z	26.99	1.0625	1 1/16	69.85	2.7500	2 3/4
1.45	0.0571	—	—	3.75	0.1476	—	—	6.70	0.2638	—	—	—	10.50	0.4134	—	—	27.00	1.0630	—	70.00	2.7559	—
1.50	0.0591	—	—	—	0.1495	—	25	6.75	0.2656	17/64	—	—	10.72	0.4219	27/64	—	28.00	1.1024	—	71.00	2.7953	—
—	0.0595	—	53	3.80	0.1496	—	—	6.75	0.2657	—	—	—	11.00	0.4331	—	—	28.58	1.1250	1 1/8	71.44	2.8125	2 13/16
1.55	0.0610	—	—	—	0.1520	—	24	—	0.2660	—	H	11.11	0.4375	7/16	—	—	29.00	1.1417	—	72.00	2.8346	—
1.59	0.0625	1/16	—	3.90	0.1535	—	—	6.80	0.2677	—	—	—	11.50	0.4528	—	—	30.00	1.1811	—	73.00	2.8740	—
1.60	0.0630	—	—	—	0.1540	—	23	6.90	0.2717	—	—	—	11									

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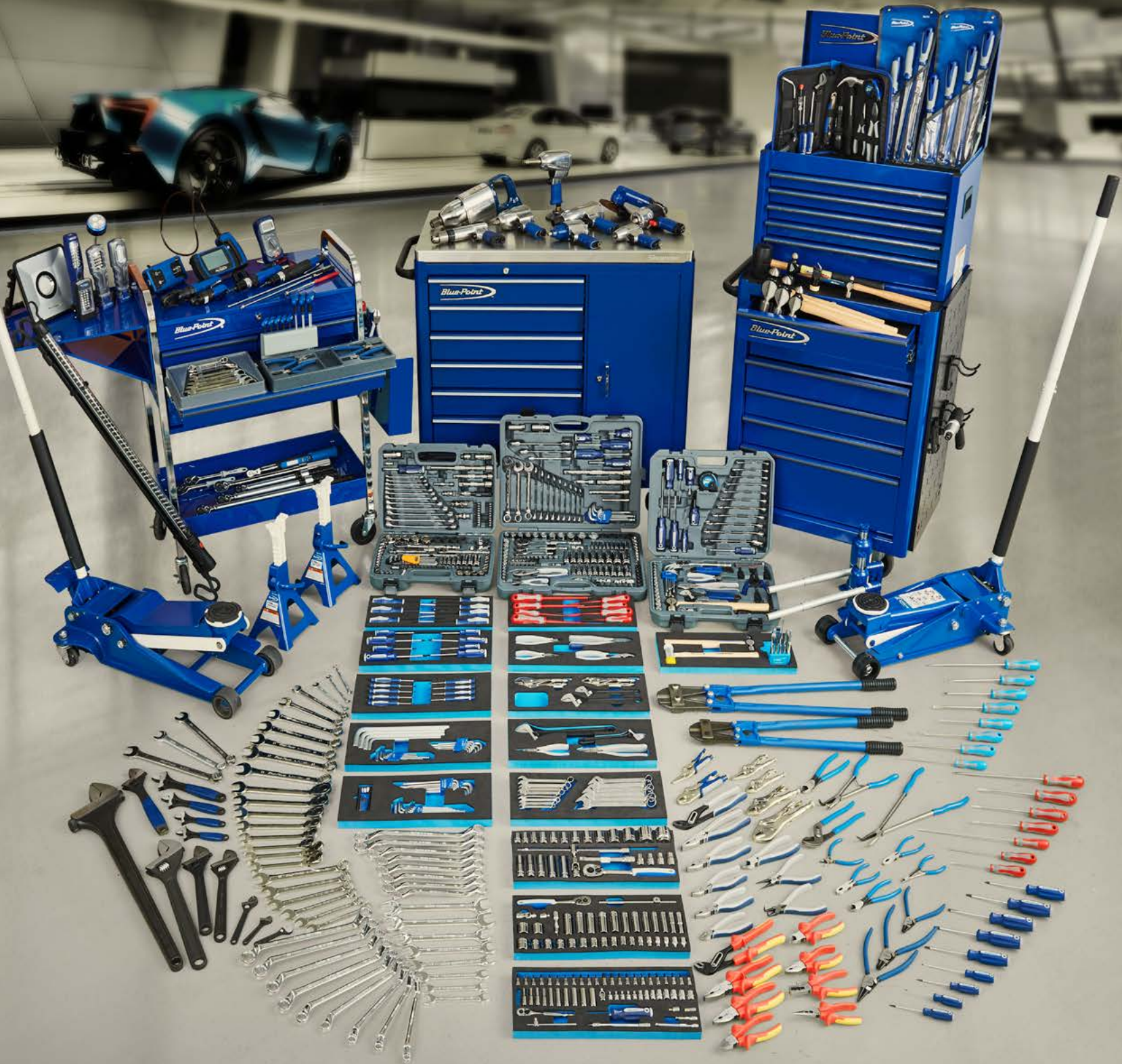
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