

SCREWDRIVERS

Our interchangeable Ratcheting Screwdriver is not just a set – it's a system of over 50 integrated components that interchange to help you do your job faster and easier than ever.

The foundation is our patented Soft Grip handle that gives you 30% more torque than any other handle design. Interchangeable knurled stainless steel shanks offer you the right length and style for the job. Built-in neodymium magnets hold the bits in place securely. We offer flat, hex, Phillips®, Pozodriv®, ScruLox®, and Torx® bits. Also, short, long, flexible and composite shanks as well as 1/4" square drive shaft for sockets.

It's one awesome system!

- Snap-on has more sizes and styles of screwdrivers to satisfy any job requirements and personal preferences.
- Snap-on offers the most comfortable and most powerful screwdrivers in the world.
- Innovation continues with new technology that helps keep Snap-on screwdrivers the first choice of professionals around the world. Recent developments include our patented bi-mold handle process for Soft Grip handles, and our new, unique Instinct™ Screwdrivers.



Trans-Drive™ ratcheting mechanism uses an advanced pawl design based on transmission ring gear principles to deliver outstanding power and torque.

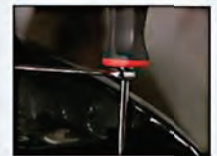
The Instinct™ Screwdriver series revolves around a uniquely sculpted multi-faceted handle design for maximum comfort, grip and control. The rounded crown and neck, combined with flared ends fit the natural curves of your hand and provide enhanced spinning finesse. Ergonomically designed facets offer unprecedented turning power and precise fingertip control. Hard grip with grease resistant texture to help prevent slippage on those especially dirty jobs, and soft grip for unsurpassed hand comfort and tighter grip.





SOFT GRIP ROUND SHANK SCREWDRIVERS

Snap-on screwdriver blades are made from special alloy steel with fewer impurities, and polishing marks have been eliminated from flat tip blades to produce screwdrivers that are 12% stronger than our previous blades.



Snap-on screwdrivers have a hex bolster on the shaft – allowing a box wrench to be used to apply more torque when needed.



Screwdriver blades feature vapor-blasted tips that grip fasteners and prevent chipping – extending the life of the tool.

Phillips® blades feature Anti-camout ribs (ACR®) that bite into fasteners, preventing deformation.



Screwdrivers Combination Sets Soft Handle



SGDX60BR



SGDX60BO



SGDX60BG



SGDX80BR





SGDX80BO





SGDX80BG

SGDX60BR Red Handle Combination Set. 6 tools included.
 SGDX60BO Orange Handle Combination Set. 6 tools included.
 SGDX60BG Green Handle Combination Set. 6 tools included.

SGDX80BR Red Handle Combination Set. 8 tools included.
 SGDX80BO Orange Handle Combination Set. 8 tools included.
 SGDX80BG Green Handle Combination Set. 8 tools included.



Red	Orange	Green	#	
<i>Flat Tip</i>				
SGD2BR	SGD2BO	SGD2BG		.035" x 6 15/16"
SGD4BR	SGD4BO	SGD4BG		.040" x 8 27/32"
SGD6BR	SGD6BO	SGD6BG		.050" x 10 27/32"
<i>PHILLIPS®</i>				
SGDP31RBR	SGDP31RBO	SGDP31RBRG		#1 x 7 1/8"
SGDP42RBR	SGDP42RBO	SGDP42RBRG		#2 x 8 7/8"
SGDP63RBR	SGDP63RBO	SGDP63RBRG		#2 x 10 13/16"

Red	Orange	Green	#	
<i>Flat Tip</i>				
SHD1R	SHD1O	SHD1G		.040" x 3 3/4"
SGD2BR	SGD2BO	SGD2BG		.035" x 6 15/16"
SGD4BR	SGD4BO	SGD4BG		.040" x 8 27/32"
SGD6BR	SGD6BO	SGD6BG		.050" x 10 27/32"
SGD8BR	SGD8BO	SGD8BG		.055" x 13 13/32"
<i>PHILLIPS®</i>				
SHDP22IRR	SHDP22IRO	SHDP22IRG		#2 x 3 1/2"
SGDP31RBR	SGDP31RBO	SGDP31RBRG		#1 x 7 1/8"
SGDP42RBR	SGDP42RBO	SGDP42RBRG		#2 x 8 7/8"



SGDXL80BR

SGDXL80BR Red Handle Long Shank Combination Set. 8 tools included.

Red	#	
<i>Flat Tip</i>		
SGD146BR		.030" x 10 1/8"
SGD480BR		.032" x 12 3/4"
SGD4120BR		.032" x 16 3/4"
SGD4160BR		.032" x 20 3/4"
<i>PHILLIPS®</i>		
SGDP61BR		#1 x 10 1/4"
SGDP82BR		#2 x 12 7/8"
SGDP122BR		#2 x 16 3/4"
SGDP162BR		#2 x 20 3/4"





SGDX40BR

SGDX40BR Red Handle Mini Tip Combination Set. 4 tools included.

SGDX40BO Orange Handle Mini Tip Combination Set. 4 tools included.

SGDX40BG Green Handle Mini Tip Combination Set. 4 tools included.



Red	Orange	Green	#	
<i>Flat Tip</i>				
SGD304BR	SGD304BO	SGD304BG		.020" x 5 3/4"
SGD306BR	SGD306BO	SGD306BG		.030" x 5 3/4"
<i>PHILLIPS®</i>				
SGDP300BR	SGDP300BO	SGDP300BG		#0 x 6"
SGDP301BR	SGDP301BO	SGDP301BG		#1 x 6"

Electronic Service



SGDE70

SGDE70 Red Miniature Electronic Combination Set. 7 tools included.

	#	
<i>Flat Tip</i>		
SGDE215		1.5mm x 5 3/4"
SGDE220		2.0mm x 5 3/4"
SGDE225		2.5mm x 5 3/4"
SGDE230		3.0mm x 5 3/4"
<i>PHILLIPS®</i>		
SGDEP200		#00 x 5 3/4"
SGDEP20		#0 x 5 3/4"
SGDEP21		#1 x 5 3/4"

Combination Sets Hard Handle **Screwdrivers**



SHDX60R



SHDX60O



SHDX60G



SHDX80R



SHDX80O



SHDX80G

SHDX60R Red Handle Combination Set. 6 tools included.
SHDX60O Orange Handle Combination Set. 6 tools included.
SHDX60G Green Handle Combination Set. 6 tools included.

SHDX80R Red Handle Combination Set. 8 tools included.
SHDX80O Orange Handle Combination Set. 8 tools included.
SHDX80G Green Handle Combination Set. 8 tools included.

Red	Orange	Green	#
<i>Flat Tip</i>			
SHD2R	SHD2O	SHD2G	—
SHD4R	SHD4O	SHD4G	.035" x 6 15/16"
SHD6R	SHD6O	SHD6G	.040" x 8 27/32"
			.050" x 10 27/32"
<i>PHILLIPS®</i>			
SHDP31IRR	SHDP31IRO	SHDP31IRG	+
SHDP42IRR	SHDP42IRO	SHDP42IRG	#1 x 7 1/8"
SHDP63IRR	SHDP63IRO	SHDP63IRG	#2 x 8 7/8"
			#2 x 10 13/16"

Red	Orange	Green	#
<i>Flat Tip</i>			
SHD1R	SHD1O	SHD1G	—
SHD2R	SHD2O	SHD2G	.040" x 3 3/4"
SHD4R	SHD4O	SHD4G	.035" x 6 15/16"
SHD6R	SHD6O	SHD6G	.040" x 8 27/32"
SHD8R	SHD8O	SHD8G	.050" x 10 27/32"
			.055" x 13 13/32"
<i>PHILLIPS®</i>			
SHDP22IRR	SHDP22IRO	SHDP22IRG	+
SHDP31IRR	SHDP31IRO	SHDP31IRG	#2 x 3 1/2"
SHDP42IRR	SHDP42IRO	SHDP42IRG	#1 x 7 1/8"
			#2 x 8 7/8"



SHDX40R



SHDXL80O



GSHDX80R

SHDX40R Red Handle Mini Tip Combination Set. 4 tools included.
SHDX40O Orange Handle Mini Tip Combination Set. 4 tools included.

SHDXL80O Orange Handle Long Shank Combination Set. 8 tools included.

GSHDX80R Red Handle Industrial Finish Shanks Combination Set. 8 tools included.

Red	Orange	#
<i>Flat Tip</i>		
SHD304R	SHD304O	—
SHD306R	SHD306O	.018" x 5 7/8"
		.030" x 5 7/8"
<i>PHILLIPS®</i>		
SHDP300R	SHDP300O	+
SHDP301R	SHDP301O	#0 x 5 7/8"
		#1 x 5 7/8"

Orange	#
<i>Flat Tip</i>	
SHD146O	—
SHD480O	.030" x 10 1/8"
SHD4120O	.032" x 12 3/4"
SHD4160O	.033" x 16 3/4"
	.032" x 20 3/4"
<i>PHILLIPS®</i>	
SHDP61O	+
SHDP82O	#1 x 10 1/4"
SHDP122O	#2 x 12 7/8"
SHDP162O	#2 x 16 3/4"
	#2 x 20 3/4"

Red	#
<i>Flat Tip</i>	
GSHD1R	—
GSHD2R	.037" x 3 3/4"
GSHD4R	.032" x 7"
GSHD6R	.037" x 8 7/8"
GSHD8R	.046" x 10 27/32"
	.050" x 13 13/32"
<i>PHILLIPS®</i>	
GSHDP22IRR	+
GSHDP31R	#2 x 3 3/4"
GSHDP42R	#1 x 7 1/4"
	#2 x 8 7/8"

IHT60K Insulating Non-Conductive Combination Set. 6 tools included.

	#
<i>Flat Tip Bit</i>	
IHTS3	—
IHTS3	3/16" x 8 3/16"
IHTS3	1/4" x 10 15/16"
IHTS3	5/16" x 13 15/16"
<i>PHILLIPS® Bit</i>	
IHTP31	+
IHTP62	#1 x 8 3/16"
IHTP63	#2 x 10 15/16"
	#3 x 10 15/16"



IHT60K

Electronic Service



WARNING

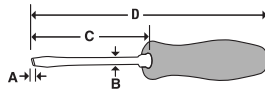
- Do not use screwdrivers as prybars, chisels or punches.
- Read additional safety precautions on pages 534 to 537.



Screwdrivers Flat Tip / Soft Grip Handle

Instinct™ Screwdriver Features:

- Power: Wide tri-lobe design and Snap-on's bolstered, special alloy steel blade supply turning power when needed
- Speed: Tip identifier on the crown helps to quickly identify the needed tool
- Finesse: Six specially designed curves and flutes with a round neck provides fingertip control, aids in spinning and prevents the tool from rolling on flat surfaces
- Durable: Nickel/chrome plating helps protect against corrosion and promotes easy clean up






SGD2BR

SGD4BO

SGD6BG

Standard

Red	Orange	Green	A	B	C	D
						
SGD2BR	SGD2BO	SGD2BG	.035	7/32	2 13/16	6 15/16
SGD4BR	SGD4BO	SGD4BG	.040	1/4	3 15/16	8 27/32
SGD6BR	SGD6BO	SGD6BG	.050	5/16	5 15/16	10 27/32
SGD8BR	SGD8BO	SGD8BG	.055	3/8	7 29/32	13 13/32

SGDX60BR Red Handle Combination Set. SGD2BR, SGD4BR and SGD6BR Flat Tip Drivers (pg 208) plus SGDP31RBR, SGDP21RBR and SGDP31RBR PHILLIPS® Tip Drivers (pg 211) (6 pcs) in storage tray.

SGDX60BO Orange Handle Combination Set. SGD2BO, SGD4BO and SGD6BO Flat Tip Drivers (pg 208) plus SGDP31RBO, SGDP42RBO and SGDP63RBO PHILLIPS® Tip Drivers (pg 211) (6 pcs) in storage tray.

SGDX60BG Green Handle Combination Set. SGD2BG, SGD4BG and SGD6BG Flat Tip Drivers (pg. 208) plus SGDP31RBG, SGDP42RBG and SGDP63RBG PHILLIPS® Tip Drivers (pg. 211) (6 pcs) in storage tray.

SGDX80BR Red Handle Combination Set. SHD1R, SGD2BR, SGD4BR, SGD6BR and SGD8BR Flat Tip Drivers (pg. 208) plus SHDP22IRR, SGDP31RBR and SGDP42RBR PHILLIPS® Tip Drivers (pg. 211) (8 pcs) in storage tray.

SGDX80BO Orange Handle Combination Set. SHD1O, SGD2BO, SGD4BO, SGD6BO and SGD8BO Flat Tip Drivers (pg. 208) plus SHDP22IRO, SGDP31RBO and SGDP42RBO PHILLIPS® Tip Drivers (pg. 211) (8 pcs) in storage tray.

SGDX80BG Green Handle Combination Set. SHD1G, SGD2BG, SGD4BG, SGD6BG and SGD8BG Flat Tip Drivers (pg. 208) plus SHDP22IRG, SGDP31RBRG and SGDP42RBRG PHILLIPS® Tip Drivers (pg. 211) (8 pcs) in storage tray.



SGDX60BO



SGDX60BG




SGDX80BR



SGDX80BO

Cabinet Type

Red	A	B	C	D
				
SGD146BR	.030	3/16	5 13/16	10 1/8
SGD480BR	.032	1/4	7 15/16	12 3/4
SGD4120BR	.032	1/4	11 15/16	16 3/4
SGD4160BR	.032	1/4	15 15/16	20 3/4

SGDXL80BR Red Handle Combination Set. Includes SGD146BR, SGD480BR, SGD4120BR and SGD4160BR Flat Tip Drivers (pg. 208) plus SGDP61BR, SGDP82BR, SGDP122BR and SGDP162BR PHILLIPS® Tip Drivers (pg. 211) (8 pcs) in storage tray.



SGD480BR



SGDXL80BR

Mini Tip

Blades are knurled for easy fingertip turning.

See PHILLIPS® tip mini tip drivers and 4 piece combination PHILLIPS®/flat tip sets.

Red	Orange	Green	A	B	C	D
						
SGD304BR	SGD304BO	SGD304BG	.020	1/8	3	5 7/8
SGD306BR	SGD306BO	SGD306BG	.030	3/16	3	5 7/8

SGDX40BR Red Handle Combination Set. Includes SGD304BR and SGD306BR Flat Tip Drivers plus SGDP300BR and SGDP301BR PHILLIPS® Tip Drivers (pg. 211) (4 pcs) in storage tray.

SGDX40BO Orange Handle Combination Set. Includes SGD304BO and SGD306BO Flat Tip Drivers plus SGDP300BO and SGDP301BO PHILLIPS® Tip Drivers (pg. 211) (4 pcs) in storage tray.

SGDX40BG Green Handle Combination Set. Includes SGD304BG and SGD306BG Flat Tip Drivers plus SGDP300BG and SGDP301BG PHILLIPS® Tip Drivers (pg. 211) (4 pcs) in storage tray.



SGD306BR



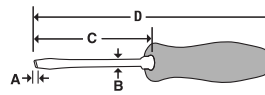
SGDX40BR

Flat Tip / Hard Grip e Screwdrivers






Instinct™ Screwdriver Features:

- Power: Wide tri-lobe design and Snap-on's bolstered, special alloy steel blade supply turning power when needed
- Speed: Tip identifier on the crown helps to quickly identify the needed tool
- Finesse: Six specially designed curves and flutes with a round neck provides fingertip control, aids in spinning and prevents the tool from rolling on flat surfaces
- Durable: Nickel/chrome plating helps protect against corrosion and promotes easy clean up



Standard

Red	Orange	Green	A	B	C	D
						
SHD1R	SHD10	SHD1G	.040	1/4	1 7/8	3 3/4
SHD2R	SHD20	SHD2G	.035	7/32	2 13/16	6 15/16
SHD4R	SHD40	SHD4G	.040	1/4	3 15/16	8 27/32
SHD6R	SHD60	SHD6G	.050	5/16	5 15/16	10 27/32
SHD8R	SHD80	SHD8G	.055	3/8	7 29/32	13 13/32

SHDX60R Red Handle Combination Set. SHD2R, SHD4R and SHD6R Flat Tip Drivers (pg 209) plus SHDP31IRR, SHDP421IRR and SHD63IRR PHILLIPS® Tip Drivers (pg 212) (6 pcs) in storage tray.

SHDX60O Orange Handle Combination Set. SHD20, SHD40 and SHD60 Flat Tip Drivers (pg 209) plus SHDP31IRO, SHDP421IRO and SHD63IRO PHILLIPS® Tip Drivers (pg 212) (6 pcs) in storage tray.

SHDX60G Green Handle Combination Set. SHD2G, SHD4G and SHD6G Flat Tip Drivers (pg. 209) plus SHDP31IRG, SHDP421IRG and SHD63IRG PHILLIPS® Tip Drivers (pg. 212) (6 pcs) in storage tray.

SHDX80R Red Handle Combination Set. SHD1R, SHD2R, SHD4R, SHD6R and SHD8R Flat Tip Drivers (pg. 209) plus SHDP221IRR, SHDP31IRR and SHDP421IRR PHILLIPS® Tip Drivers (pg. 212) (8 pcs) in storage tray.

SHDX80O Orange Handle Combination Set. SHD10, SHD20, SHD40, SHD60 and SHD80 Flat Tip Drivers (pg. 209) plus SHDP221IRO, SHDP31IRO and SHDP421IRO PHILLIPS® Tip Drivers (pg. 212) (8 pcs) in storage tray.

SHDX80G Green Handle Combination Set. SHD1G, SHD2G, SHD4G, SHD6G and SHD8G Flat Tip Drivers (pg. 209) plus SHDP221IRG, SHDP31IRG and SHDP421IRG PHILLIPS® Tip Drivers (pg. 212) (8 pcs) in storage tray.



SHDX60O



SHDX60G




SHDX80R



SHDX80O

Cabinet Type

Orange

	A	B	C	D
				
SHD1460	.030	.210 (3/4)	6	10 1/8
SHD4800	.032	.250 (1/4)	8	12 3/4
SHD41200	.032	.250 (1/4)	12	16 3/4
SHD41600	.032	.250 (1/4)	16	20 3/4

SHDXL80O Orange Handle Long Shank Combination Set. Includes SHD1460, SHD4800, SHD41200 and SHD41600 Flat Tip Drivers plus SHDP610, SHDP820, SHDP1220 and SHDP1620 PHILLIPS® Tip Drivers (pg 212) (8 pcs) in storage tray.



GSHD4R



SHDX80R




SHD41600



SHDXL80O

Industrial Finish Shank

Industrial/Red

	A	B	C	D
				
GSHD1R*	.037	1/4	1 1/2	3 3/4
GSHD2R	.032	7/32	2 7/8	7
GSHD4R	.037	1/4	4	8 7/8
GSHD6R	.046	5/16	6	10 27/32
GSHD8R	.050	3/8	8	13 13/32

*Does not include hex bolster.

GSHDX80R Red Handle Combination Set. Includes GSHD1R thru GSHD8R Flat Tip Drivers plus GSHDP221RR, GSHDP31R and GSHDP42R PHILLIPS® Tip Drivers (pg. 212) (8 pcs) in storage tray.



WARNING

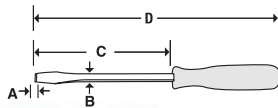
- Do not use screwdrivers as prybars, chisels or punches.
- Discard insulating tools with broken insulation.
- Read additional safety precautions on pages 534 to 537.



Screwdrivers Flat Tip / Hard Grip Handle





SHD304R



SHDX400

Mini Tip

Blade and tip are exactly the same width. Blades are knurled for easy fingertip turning. See PHILLIPS® Mini Tip Drivers. See combination mini flat tip/PHILLIPS® tip sets.

Red	Orange	A	C	D
				
SHD304R	SHD3040	.018	3	5 7/8
SHD306R	SHD3060	.030	3	5 7/8

SHDX40R Red Handle Mini Tip Combination Set. Includes SHD304R and SHD306R Flat Tip Drivers plus SHDP300R and SHDP301R PHILLIPS® Tip Drivers (pg 213) (4 pcs) in storage tray.

SHDX40O Orange Handle Mini Tip Combination Set. Includes SHD3040 and SHD3060 Flat Tip Drivers plus SHDP3000 and SHDP3010 PHILLIPS® Tip Drivers (pg 213) (4 pcs) in storage tray.

Flat Tip / Pocket and Spark Test





SDD214



SDD2040

Pocket


	Type	Description	A	D
				
SDD214	Spark Test	Screwdriver with Pocket Clip	.025 x 1/8	5 1/8
SDD2040	Pocket	Magnetic Tip Screwdriver w/ Pocket Clip	.025	4 3/4
SDD2240*	Pocket	Distributor Screwdriver	.025	4 3/4

*Magnet on handle.

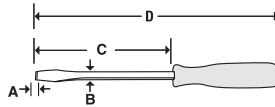
Flat Tip / Electronic Service

Electronic Miniature

Features a rotating handle mechanism that makes them ideal for precise, detailed electronics work.

	A	B	C	D
				
SGDE215	1.5	3/32	2	5 3/4
SGDE220	2.0	3/32	2	5 3/4
SGDE225	2.5	3/32	2	5 3/4
SGDE230	3.0	1/8	2	5 3/4

SGDE70 Set (Red). Includes SGDE215 thru SGDE230 Flat Tip Drivers (pg 210) plus SGDEP200, SGDEP20, and SGDEP21 PHILLIPS® Tip Drivers (pg 213) (7 pcs) in storage case.



SGDE230



SGDE70

Insulating screwdrivers require that there is **NO conductor** of electricity within the screwdriver shaft, while the definition of insulated screwdrivers means that a metal shank has been **COATED** with a non conductive material. Insulating screwdrivers feature shafts developed from a non conductive braided epoxy/glass fiber composite, with metal bit holder attached to the shank via a composite sleeve. Performance is comparable to a steel shank screwdriver.

Bits are manufactured from a high strength alloy steel and can be removed or replaced if worn or damaged. Each tool is individually tested to ensure protection up to 1000V. These tools also meet Standard IEC60900 for dielectric strength and design requirements, ASTM Type Test Requirements and ASME B107.15-1993 torsion requirements. U.S. Patent Number 5,259,277 applies.




IHTS6




CNSGDX60

Non-Conductive Composite / Screwdriver Handle

	A	B	C	D
				
IHTS3	3/16	3 1/4	8 3/16	IHTS65
IHTS37	7/32	3 1/4	8 3/16	IHTS375
IHTS38	1/4	3 1/4	8 3/16	IHTS685
IHTS6	1/4	6	11	IHTS685
IHTS610	5/16	6	11	IHTS6105
IHTS9	5/16	9	14	IHTS6105
IHTS912	3/8	9	14	IHTS9125

IHT60K Non-Conductive Screwdriver Set. Includes Flat Tip Drivers IHTS3, IHTS6, and IHTS9 plus PHILLIPS® Tip Drivers IHTP31, IHTP62 and IHTP63 (6 pcs) (3/16" to 5/16" and #1 to #3) in C0612A Kit Bag.

Non-Conductive Composite / Soft Grip Handle

	A	B	C
			
CNSGDF66	3/16	6 (152)	11 1/2 (292)
CNSGDF68	1/4	6 (152)	11 1/2 (292)
CNSGDF69	9/32	6 (152)	11 1/2 (292)

CNSGDX60 Non-Conductive Composite Combination Screwdriver Set. Includes Flat Tip Drivers CNSGDF66, CNSGDF68 and CNSGDF69 plus Phillips® Tip Drivers CNSGDP61, CNSGDP62 and CNSGDP63 (6 pcs) (3/16" to 9/32" and #1 to #3) in Kit Bag.

PHILLIPS® Tip / Soft Grip e Screwdrivers



SGDP31IRBR



SGDP42IRBO



SGDP63IRBG



SGDX60BG



SGDX60BO



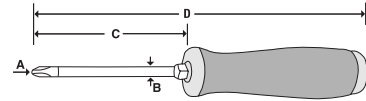
SGDX80BR



SGDX80BG

Instinct™ Screwdriver Features:

- Power: Wide tri-lobe design and Snap-on's bolstered, special alloy steel blade supply turning power when needed
- Speed: Tip identifier on the crown helps to quickly identify the needed tool
- Finesse: Six specially designed curves and flutes with a round neck provides fingertip control, aids in spinning and prevents the tool from rolling on flat surfaces
- Durable: Nickel/chrome plating helps protect against corrosion and promotes easy clean up



Instinct™ Soft Handle PHILLIPS®

Red	Orange	Green	A	B	C	D
SGDP31IRBR	SGDP31IRBO	SGDP31IRBG	#1	5/16	2 31/32	7 1/8
SGDP42IRBR	SGDP42IRBO	SGDP42IRBG	#2	1/4	3 31/32	8 7/8
SGDP63IRBR	SGDP63IRBO	SGDP63IRBG	#3	5/16	5 29/32	10 13/16
SGDP64IRBR	SGDP64IRBO	SGDP64IRBG	#4	3/8	6	11 1/2

SGDX60BR Red Handle Combination Set. SGD2BR, SGD4BR and SGD6BR Flat Tip Drivers (pg 208) plus SGDP31IRBR, SGDP21IRBR and SGD63IRBR PHILLIPS® Tip Drivers (pg 211) (6 pcs) in storage tray.

SGDX60BO Orange Handle Combination Set. SGD2BO, SGD4BO and SGD6BO Flat Tip Drivers (pg 208) plus SGDP31IRBO, SGDP42IRBO and SGD63IRBO PHILLIPS® Tip Drivers (pg 211) (6 pcs) in storage tray.

SGDX60BG Green Handle Combination Set. SGD2BG, SGD4BG and SGD6BG Flat Tip Drivers (pg. 208) plus SGDP31IRBG, SGDP42IRBG and SGD63IRBG PHILLIPS® Tip Drivers (pg. 211) (6 pcs) in storage tray.

SGDX80BR Red Handle Combination Set. SHD1R, SGD2BR, SGD4BR, SGD6BR and SGD8BR Flat Tip Drivers (pg. 208) plus SHDP22IRR, SGDP31IRBR and SGDP42IRBR PHILLIPS® Tip Drivers (pg. 211) (8 pcs) in storage tray.

SGDX80BO Orange Handle Combination Set. SHD1O, SGD2BO, SGD4BO, SGD6BO and SGD8BO Flat Tip Drivers (pg. 208) plus SHDP22IRO, SGDP31IRBO and SGDP42IRBO PHILLIPS® Tip Drivers (pg. 211) (8 pcs) in storage tray.

SGDX80BG Green Handle Combination Set. SHD1G, SGD2BG, SGD4BG, SGD6BG and SGD8BG Flat Tip Drivers (pg. 208) plus SHDP22IRG, SGDP31IRBG and SGDP42IRBG PHILLIPS® Tip Drivers (pg. 211) (8 pcs) in storage tray.

Cabinet Type

Red	A	B	C	D
SGDP61BR	#1	3/16	6	10
SGDP82BR	#2	1/4	8	13
SGDP101BR	#1	3/16	10	14
SGDP102BR	#2	1/4	9/12	14 1/2
SGDP122BR	#2	1/4	12	17
SGDP162BR	#2	1/4	16	21

SGDXL80BR Red Handle Combination Set. Includes SGD146BR, SGD480BR, SGD4120BR and SGD4160BR Flat Tip Drivers (pg 208) plus SGDP61BR, SGDP82BR, SGDP122BR and SGDP162BR PHILLIPS® Tip Drivers (pg 211) (8 pcs) in storage tray.



SGDP82BR



SGDXL80BR

Mini Tip

Handle	A	B	C	D
SGDP300BR Red	#0	1/8	3	6
SGDP300BO Orange	#0	1/8	3	6
SGDP300BG Green	#0	1/8	3	6
SGDP301BR Red	#1	1/8	3	6
SGDP301BO Orange	#1	1/8	3	6
SGDP301BG Green	#1	1/8	3	6

SGDX40BR Red Handle Combination Set. Includes SGD304BR and SGD306BR Flat Tip Drivers (pg 208) plus SGDP300BR and SGDP301BR PHILLIPS® Tip Drivers (4 pcs) in storage tray.

SGDX40BO Orange Handle Combination Set. Includes SGD304BO and SGD306BO Flat Tip Drivers (pg 208) plus SGDP300BO and SGDP301BO PHILLIPS® Tip Drivers (4 pcs) in storage tray.

SGDX40BG Green Handle Combination Set. Includes SGD304BG and SGD306BG Flat Tip Drivers (pg 208) plus SGDP300BG and SGDP301BG PHILLIPS® Tip Drivers (4 pcs) in storage tray.



SGDP300BO



SGDX40BG

WARNING

- Do not use screwdrivers as prybars, chisels or punches.
- Discard insulating tools with broken insulation.
- Read additional safety precautions on pages 534 to 537.

Screwdrivers PHILLIPS® Tip/ Hard Grip Instinct™ Handle

Instinct™ Screwdriver Features:

- Power: Wide tri-lobe design and Snap-on's bolstered, special alloy steel blade supply turning power when needed
- Speed: Tip identifier on the crown helps to quickly identify the needed tool
- Finesse: Six specially designed curves and flutes with a round neck provides fingertip control, aids in spinning and prevents the tool from rolling on flat surfaces
- Durable: Nickel/chrome plating helps protect against corrosion and promotes easy clean up



SHDP63IRG



SHDP63IRR



SHDP42IRO



SHDX60G



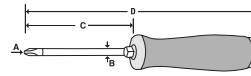
SHDX60O



SHDX80R



SHDX80O



Instinct™ Hard Handle PHILLIPS®

Red	Orange	Green	A	B	C	D
SHDP22IRR	SHDP22IRO	SHDP22IRG	#2	1/4	1 5/8	3 1/2
SHDP31IRR	SHDP31IRO	SHDP31IRG	#1	5/16	2 31/32	7 1/8
SHDP42IRR	SHDP42IRO	SHDP42IRG	#2	1/4	3 31/32	8 7/8
SHDP63IRR	SHDP63IRO	SHDP63IRG	#3	5/16	5 29/32	10 13/16
SHDP64IRR	SHDP64IRO	SHDP64IRG	#4	3/8	6	11 1/2

SHDX60R Red Handle Combination Set. SHD2R, SHD4R and SHD6R Flat Tip Drivers (pg 200) plus SHDP31IRR, SHDP421IRR and SHD63IRR PHILLIPS® Tip Drivers (pg 212) (6 pcs) in storage tray.

SHDX60O Orange Handle Combination Set. SHD2O, SHD4O and SHD6O Flat Tip Drivers (pg 200) plus SHDP31IRO, SHDP42IRO and SHD63IRO PHILLIPS® Tip Drivers (pg 212) (6 pcs) in storage tray.

SHDX60G Green Handle Combination Set. SHD2G, SHD4G and SHD6G Flat Tip Drivers (pg. 200) plus SHDP31IRG, SHDP42IRG and SHD63IRG PHILLIPS® Tip Drivers (pg. 212) (6 pcs) in storage tray.

SHDX80R Red Handle Combination Set. SHD1R, SHD2R, SHD4R, SHD6R and SHD8R Flat Tip Drivers (pg. 200) plus SHDP22IRR, SHDP31IRR and SHDP42IRR PHILLIPS® Tip Drivers (pg. 212) (8 pcs) in storage tray.

SHDX80O Orange Handle Combination Set. SHD1O, SHD2O, SHD4O, SHD6O and SHD8O Flat Tip Drivers (pg. 200) plus SHDP22IRO, SHDP31IRO and SHDP42IRO PHILLIPS® Tip Drivers (pg. 212) (8 pcs) in storage tray.

SHDX80G Green Handle Combination Set. SHD1G, SHD2G, SHD4G, SHD6G and SHD8G Flat Tip Drivers (pg. 200) plus SHDP22IRG, SHDP31IRG and SHDP42IRG PHILLIPS® Tip Drivers (pg. 212) (8 pcs) in storage tray.

Cabinet Type

Designed for turning PHILLIPS® screws.
Do not interchange POZIDRIV® or PHILLIPS® screwdrivers.

Chrome/
Orange

	A	B	C	D
SHDP61O	#1	3/16	6	10 1/4
SHDP82O	#2	1/4	8	12 7/8
SHDP122O	#2	1/4	12	16 3/4
SHDP162O	#2	1/4	16	20 3/4

SHDXL80O Orange Handle Combination Set. Includes SHD1460, SHD4800, SHD41200 and SHD41600 Flat Tip Drivers (pg 209) plus SHDP61O, SHDP82O, SHDP122O and SHDP162O PHILLIPS® Tip Drivers (pg 212) (8 pcs) in storage tray.



SHDP122O



SHDXL80O



GSHDP31R



GSHDX80R



SHDP204O

Standard / Industrial Finish Shank

Designed for turning PHILLIPS® screws.
Do not interchange POZIDRIV® or PHILLIPS® screwdrivers.

Industrial/
Red

	A	B	C	D
GSHDP22IRR	#2	1/4	1 1/2	3 3/4
GSHDP31R	#1	3/16	3	7 1/4
GSHDP42R	#2	1/4	4	8 7/8

GSHDX80R Red Handle Combination Set with Industrial Finish Shanks. Includes GSHD1R, GSHD2R, GSHD4R, GSHD6R and GSHD8R Flat Tip Drivers (pg 209) plus GSHDP22IRR, GSHDP31R and GSHDP42R PHILLIPS® Tip Drivers (pg 212) (8 pcs) in storage tray.

Pocket

Orange

	A	D
SHDP204O	#1	4 7/8

PHILLIPS® Tip/ Hard Grip e Screwdrivers



SHDX400



SHDX40R

✦ Mini Tip

Blades are knurled for easy fingertip turning. See flat tip mini tip drivers and 4 piece combination PHILLIPS®/flat tip sets.

Orange		Red		A	C	D
SHDP3000	#0	SHDP300R	#0	3	3	5 13/16
SHDP3010	#1	SHDP301R	#1	3	3	5 13/16

SHDX400 Orange Handle Mini Tip Combination Set. Includes SHD3040 and SHD3060 Flat Tip Drivers (pg 210) plus SHDP3000 and SHDP3010 PHILLIPS® Tip Drivers (pg 213) (4 pcs) in storage tray.

SHDX40R Red Handle Mini Tip Combination Set. Includes SHD304R and SHD306R Flat Tip Drivers (pg 210) plus SHDP300R and SHDP301R PHILLIPS® Tip Drivers (pg 213) (4 pcs) in storage tray.

✦ Electronic Miniature

Feature a rotating handle mechanism that makes them ideal for precise, detailed electronics work.

	A	B	C	D
SGDEP200	#00	1/8	2	5 3/4
SGDEP20	#0	1/8	2	5 3/4
SGDEP21	#1	3/16	2	5 3/4

SGDE70 Set (Red). Includes SGDE215 thru SGDE230 Flat Tip Drivers (pg 210) plus SGDEP200, SGDEP20, and SGDEP21 PHILLIPS® Tip Drivers (pg 213) (7 pcs) in storage case.



SGDEP20



SGDE70



Insulating screwdrivers require that there is **NO conductor** of electricity within the screwdriver shaft, while the definition of insulated screwdrivers means that a metal shank has been **COATED** with a non conductive material. Insulating screwdrivers feature shafts developed from a non conductive braided epoxy/glass fiber composite, with metal bit holder attached to the shank via a composite sleeve. Performance is comparable to a steel shank screwdriver.

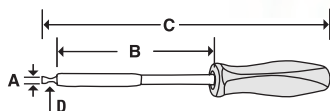
Bits are manufactured from a high strength alloy steel and can be removed or replaced if worn or damaged. Each tool is individually tested to ensure protection up to 1000V. These tools also meet Standard IEC60900 for dielectric strength and design requirements, ASTM Type Test Requirements and ASME B107.15-1993 torsion requirements. U.S. Patent Number 5,259,277 applies.



IHTP62



IHT60K



✦ Non-Conductive Composite / Screwdriver Handle

	A	B	C	D
IHTP31	#1	3 1/4	8 3/16	IHTP315
IHTP62	#2	6	11	IHTP625
IHTP63	#3	6	11	IHTP635

IHT60K Non-Conductive Composite Combination Screwdriver Set. Includes Flat Tip Drivers IHTS3, IHTS6 and IHTS9 (pg 202) plus PHILLIPS® Tip Drivers IHTP31, IHTP62 and IHTP63 (6 pcs) (3/16" to 5/16" and #1 to #3) in C0612A Kit Bag.



CNSGD60

✦ Non-Conductive Composite / Soft Grip Handle

	A	B	C
CNSGDP61	#1	6 (152)	11 1/2 (292)
CNSGDP62	#2	6 (152)	11 1/2 (292)
CNSGDP63	#3	6 (152)	11 1/2 (292)

CNSGD60 Non-Conductive Composite Combination Screwdriver Set. Includes Flat Tip Drivers CNSGDF66, CNSGDF68 and CNSGDF69 (pg 188) plus Phillips® Tip Drivers CNSGDP61, CNSGDP62 and CNSGDP63 (6 pcs) (3/16" to 9/32" and #1 to #3) in Kit Bag.



WARNING

- Do not use screwdrivers as prybars, chisels or punches.
- Discard insulating tools with broken insulation.
- Read additional safety precautions on pages 534 to 537.



Screwdrivers TORX® Tip / Soft Grip INSTINCT™ Handle

Instinct™ Screwdriver Features:

- Power: Wide tri-lobe design and Snap-on's bolstered, special alloy steel blade supply turning power when needed
- Speed: Tip identifier on the crown helps to quickly identify the needed tool
- Finesse: Six specially designed curves and flutes with a round neck provides fingertip control, aids in spinning and prevents the tool from rolling on flat surfaces
- Durable: Nickel/chrome plating helps protect against corrosion and promotes easy clean up



SGD TX425BR



SGD TX90BR



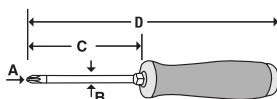
SGD TRX425BR




SGD TRX50BR

Standard

Designed for internal type TORX® fasteners used in the automotive and appliance industries.




Red	A	B	C	D
				
SGD TX38BR	T8	5/32	3	7 1/4
SGD TX310BR	T10	5/32	3	7 1/4
SGD TX315BR	T15	3/16	3	7 1/4
SGD TX320BR	T20	3/16	3	7 1/4
SGD TX425BR	T25	3/16	3	8 7/8
SGD TX427BR	T27	7/32	3	8 7/8
SGD TX430BR	T30	1/4	4	8 7/8
SGD TX640BR	T40	5/16	6	10 7/8
SGD TX645BR	T45	5/16	6	10 7/8

SGD TX50BR Red Handle Set. SGD TX315BR thru SGD TX430BR (5 pcs) (T15 thru T30) in storage tray.

SGD TX90BR Red Handle Set. SGD TX38BR thru SGD TX645BR (9 pcs) (T8 thru T45) in storage tray.

Tamper Resistant

A hole in the end of each bit tip fits over a peg in the center of the TORX® tamper resistant fasteners.

Red	A	B	C	D
				
SGD TRX315BR	T15	3/16	3	7 1/4
SGD TRX320BR	T20	3/16	3	7 1/4
SGD TRX425BR	T25	3/16	3	7 1/4
SGD TRX427BR	T27	7/32	3	7 1/4
SGD TRX430BR	T30	1/4	4	8 7/8

SGD TRX50BR Red Handle Set. SGD TRX315BR thru SGD TRX430BR (5 pcs) (T15 to T30) in storage tray.



SGD TRX610BR



SGD TRXL70BR




SGD TR610B



SGD TRXL40BR

Long Tamper Resistant


A hole in the end of each bit tip fits over a peg in the center of TORX® tamper resistant fasteners. Applications include VW/Audi door and interior trim panels and headlight assemblies plus GM engine sensors/components and steering column multi switches.

Red	A	B	C	D
				
SGD TRX608BR	T8	3/16	6	10
SGD TRX610BR	T10	3/16	6	10
SGD TRX615BR	T15	3/16	6	10
SGD TRX620BR	T20	3/16	6	10
SGD TRX825BR	T25	1/4	8	12 3/4
SGD TRX827BR	T27	1/4	8	12 3/4
SGD TRX830BR	T30	1/4	8	12 3/4

SGD TRXL70BR Red Handle Set. SGD TRX608BR thru SGD TRX830BR (7 pcs) (T8 to T30) in storage tray.

Mini Tip Tamper Resistant


A hole in the end of each bit tip fits over a peg in the center of TORX® tamper resistant fasteners. Applications include VW/Audi door and interior trim panels and headlight assemblies plus GM engine sensors/components and steering column multi switches.

Red	A	B	C	D
				
SGD TR608B	T8	3/16	6	8 7/8
SGD TR610B	T10	3/16	6	8 7/8
SGD TR615B	T15	3/16	6	8 7/8
SGD TR620B	T20	3/16	6	8 7/8

SGD TRXL40BR Red Handle Set. SGD TR608B thru SGD TR620B (4 pcs) (T8 to T20) in storage tray.

Mini Tip

Designed for internal type TORX® fasteners used in the automotive and appliance industries.

Red	A	B	C	D
				
SGD T308BR	T8	3/16	3	5 7/8
SGD T310BR	T10	3/16	3	5 7/8
SGD T315BR	T15	3/16	3	5 7/8
SGD T320BR	T20	3/16	3	5 7/8

SGD TX40BR Red Handle Set. SGD T308BR thru SGD T320BR (4 pcs) (T8 to T20) in storage tray.



SGD T315BR



SGD TX40BR

TORX® Tip / Hard Grip **Screwdrivers**



SHDTX380



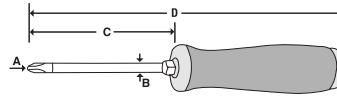
SHDTX6400



SHDTX900

Instinct™ Screwdriver Features:

- Power: Wide tri-lobe design and Snap-on's bolstered, special alloy steel blade supply turning power when needed
- Speed: Tip identifier on the crown helps to quickly identify the needed tool
- Finesse: Six specially designed curves and flutes with a round neck provides fingertip control, aids in spinning and prevents the tool from rolling on flat surfaces
- Durable: Nickel/chrome plating helps protect against corrosion and promotes easy clean up



Standard

Designed for turning internal type TORX® fasteners used in the automotive and appliance industries.

Orange

	A	B	C	D
SHDTX380	T8	5/32	3	7 1/4
SHDTX3100	T10	5/32	3	7 1/4
SHDTX3150	T15	5/32	3 1/2	7 1/4
SHDTX3200	T20	5/32	3 1/2	7 1/4
SHDTX4250	T25	7/32	4	7 13/32
SHDTX4270	T27	1/4	4 1/2	8 7/8
SHDTX4300	T30	1/4	4 1/2	8 7/8
SHDTX6400	T40	5/16	6	10 7/8
SHDTX6450	T45	5/16	6	10 7/8

SHDTX900 Orange Handle Set. SHDTX380 thru SHDTX6450 (9 pcs) (T8 to T45) in storage tray.

TORX® Tip / Electronic Service



SGDET29



SGDET70

Electronic Miniature

Feature a rotating handle mechanism that makes them ideal for precise, detailed electronics work. Blades are manufactured to exacting tolerances from special heat treated alloy steel. Blade finish is industrial black.

	A	B	C	D
SGDET26	T6	1/8	2	5 1/2
SGDET27	T7	1/8	2	5 1/2
SGDET28	T8	1/8	2	5 1/2
SGDET29	T9	1/8	2	5 1/2
SGDET210	T10	1/8	2	5 1/2
SGDET215	T15	3/16	2	6 1/2
SGDET220	T20	3/16	2	6 1/2

SGDET70 TORX® Set. SGDET26 thru SGDET220 (7 pcs) (T6 thru T10, T15, T20) in storage case.

POZIDRIV® Tip / Hard Grip **Screwdrivers**

Standard

The walls on POZIDRIV® tips are not as tapered as those on PHILLIPS® tips and have wedges for a tight fit on POZIDRIV® fasteners. PHILLIPS® Tip Drivers should not be used on POZIDRIV® fasteners (and vice versa) as they tend to ride out of the recess and round the corners of both the tool and the screw recess.

	A	B	C	D
SHDZ22R	#2	1/4	1 1/2	3 3/4
SHDZ31R	#1	3/16	3	7 1/4
SHDZ42R	#2	1/4	4	8 7/8
SHDZ63R	#3	5/16	6	10 7/8
SHDZ84R	#4	3/8	8	13 7/16



SHDZ42R



WARNING

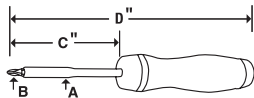
- Do not use screwdrivers as prybars, chisels or punches.
- Read additional safety precautions on pages 534 to 537.



Screwdrivers Ratcheting / Soft Grip Handle System

5 Position Soft Grip - Feature 0°, 30° and 60° locking positions (patent pending) with the push of a button. Handle designed for either right or left hand operation. A soft, solvent resistant handle cover material provides a positive gripping surface. "Thumbs up" forward/reverse lever for quick access to bit storage in handle. Cap also functions as a bit holder when working in tight quarters. Handle stores up to 7 bits. Ergonomic handle shape provides comfort and control. Comfort crown of handle cap provides a low friction surface for palm when turning screwdriver. Use with all SGDMRC Series interchangeable shanks and blades. Also features TransDrive™ (patent pending) ratchet mechanism that is twice as strong as previous mechanism.

ALL HANDLES - Feature soft, solvent resistant cover material to provide a positive gripping surface. "Thumbs up" forward/reverse lever for quick directional changes. Contoured thumb stop at base of handle helps user apply maximum pressure to the fastener. Smooth ratcheting mechanism (U.S. Patent 4,777,852. Patent does not apply to 5 Position Handle). Use with any SGDMRC Series Interchangeable Blades and Shanks.
STANDARD HANDLE ONLY - Features 1/4 turn twist cap for quick access to bit storage in handle. Cap also functions as a bit holder when working in tight quarters. Handle stores up to 10 bits. Ergonomic handle shape (Design Patent 421,888) provides comfort and control. Comfort crown of handle cap provides a low friction surface for palm when turning screwdriver.



SGDMRC44



5 Position Ratcheting Screwdrivers

			A	Flat Tip B	PHILLIPS® B	C	D
SGDMRC44	Red	SGDMRC4	SGDMRC1-10	SDM213B	SDM222IRB	2 5/8	8 1/2
SGDMRC44O	Orange	SGDMRC4O	SGDMRC1-10	SDM213B	SDM222IRB	2 5/8	8 1/2
SGDMRC44G	Green	SGDMRC4G	SGDMRC1-10	SDM213B	SDM222IRB	2 5/8	8 1/2



SGDMRC11A



SGDMRC44B



SGDMRC44BO



SGDMRC44BG

Complete Screwdrivers

Red, Green or Orange—it's your choice to get started with a complete screwdriver from the Soft Grip Ratcheting Screwdriver System. Perfectly matched combinations of magnetic bit holding shanks and handles means you can choose just what you need for your particular requirements.

			A	Flat Tip B	PHILLIPS® B	C	D
SGDMRC11A	Red/Stubby	SGDMRC1	SGDMRC1-10	—	—	2	4 1/2
SGDMRC11AO	Orange/Stubby	SGDMRC1O	SGDMRC1-10	—	—	2	4 1/2
SGDMRC11AG	Green/Stubby	SGDMRC1G	SGDMRC1-10	—	—	2	4 1/2
SGDMRC44B	Red/Standard	SGDMRC4	SGDMRC4-40	SDM213B	SDM222IRB	3 7/8	9 3/4
SGDMRC44BO	Orange/Standard	SGDMRC4O	SGDMRC4-40	SDM213B	SDM222IRB	3 7/8	9 3/4
SGDMRC44BG	Green/Standard	SGDMRC4G	SGDMRC4-40	SDM213B	SDM222IRB	3 7/8	9 3/4
SGDR44C*	Red	SGDMRC4	—	SDM213B	SDM222IRB	3 3/4	9 19/32

*Soft grip ratcheting screwdriver features a non-magnetic, fixed steel shank plus ring bit retainer, making the SGDR44C ideal for FOD, avionic and electronic applications. Other features include easy twist cap with bit holder, soft grip handle with internal bit storage and smooth, one hand reversing mechanism. Includes one Flat Tip and one PHILLIPS® Bit.

Soft Grip Handles

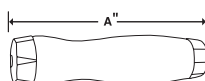
			A
SGDMRC1A	Stubby	Red	2 5/8
SGDMRC1AO	Stubby	Orange	2 5/8
SGDMRC1AG	Stubby	Green	2 5/8
SGDMRC4A	Standard	Red	6
SGDMRC4AO	Standard	Orange	6
SGDMRC4AG	Standard	Green	6
SGDMRC4	5 Position	Red	5 7/8
SGDMRC4O	5 Position	Orange	5 7/8
SGDMRC4G	5 Position	Green	5 7/8



SGDMRC4AO



SGDMRC1A



SGDMRC4G

Ratcheting / Soft Grip Handle System **Screwdrivers**

Soft Grip Ratcheting Screwdriver Sets

If a Soft Grip Ratcheting Screwdriver Set is what you want, Snap-on® has it. The SGMRC103 Starter Sets include a standard handle, medium and long magnetic bit holding shanks plus two Flat Tip Bits, two PHILLIPS® Bits and one TORX® Bit to meet most basic job requirements.



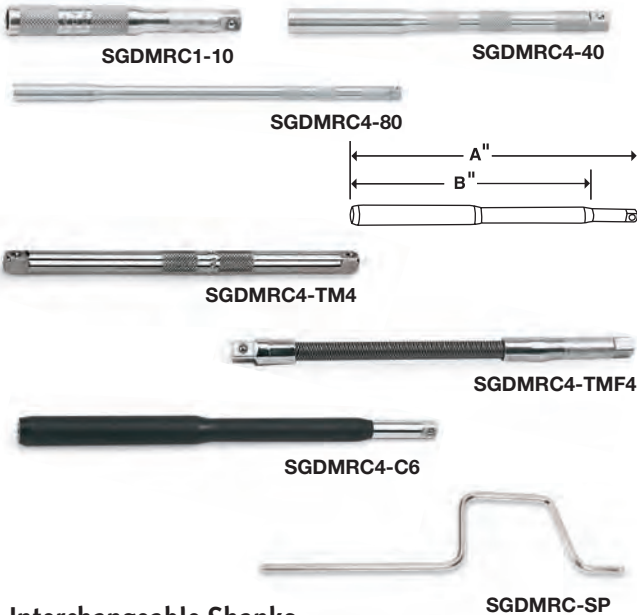
SGDMRC103A

SGDMRC103A Red Ratcheting Screwdriver Set

- SGDMRC4** Ratcheting Handle
- SGDMRC4-40** Magnetic Shank/Bit Holder
- SGDMRC4-80** Magnetic Shank/Bit Holder
- SDM211B** 3/16" Flat Tip Bit
- SDM213B** 9/32" Flat Tip Bit
- SDM221IRB** #1 PHILLIPS® ARC® bit
- SDM222IRB** #2 PHILLIPS® ARC® bit
- SDMT15D** T15 TORX® bit
- PB146A** Storage Case

SGDMRC103AO Orange Ratcheting Screwdriver Set. Same as SGMRC103A Set except has SGMRC40 Orange Ratcheting Handle.

SGDMRC103AG Green Ratcheting Screwdriver Set. Same as SGMRC103A Set except has SGMRC4AG Green Ratcheting Handle.



Interchangeable Shanks

Every shank is interchangeable with every handle in the Soft Grip Ratcheting Screwdriver System. Choose just the right combination of shank and handle to meet your job needs. Magnetic bit holding shanks in short, medium and long lengths plus a special insulating composite magnetic bit holding shank provide great job flexibility in almost any circumstance. Neodymium magnet in shank (U.S. Patent RE36,797) holds bit securely. 1/4" square drive shanks, in both standard and flexible styles, allow the attachment of a wide range of 1/4" drive sockets and accessories.

		A	B
SGDMRC1-10	Magnetic Bit Holder	3 1/4	2
SGDMRC4-40	Magnetic Bit Holder	5	3 3/4
SGDMRC4-80	Magnetic Bit Holder	9	7 3/4
SGDMRC4-TM4	1/4" Sq. Dr. Shank	5	3 3/4
SGDMRC4-TMF4	Flexible 1/4" Sq. Dr. Shank	6 1/4	5
SGDMRC4-C6	Composite (Non-Conductive) Magnetic Bit Holder	7 1/4	6
SGDMRC-SP	1/4" Speeder Shank	13	—

SGDMRC-SP Speeder Shank. 1/4" interchangeable speeder shank helps reduce the chance of applying excessive torque to fasteners. Use with all Soft Grip Ratcheting Screwdriver Handles. Ideal for aviation technicians plus other applications where cordless power tools can't reach.

If you want it all, then get a SGMRC108A Set that features stubby and standard handles, short, medium and long magnetic bit holding shanks, 1/4" square drive shank and the SDM400A Master Bit Kit (pg. 219) to provide the greatest job flexibility in a ratcheting screwdriver set.



SGDMRC108AO

SGDMRC108A Red Master Ratcheting Screwdriver Set

- SGDMRC1** Ratcheting Handle
- SGDMRC4** Ratcheting Handle
- SGDMRC1-10** Magnetic Shank/Bit Holder
- SGDMRC4-40** Magnetic Shank/Bit Holder
- SGDMRC4-80** Magnetic Shank/Bit Holder
- SGDMRC4-TM4** 1/4" Drive Shank
- SDM400A** Master Bit Kit
- PB146A** Storage Case

SGDMRC108AO Orange Ratcheting Screwdriver Set. Same as SGMRC108A Set except has SGMRC1AO and SGMRC4AO Orange Ratcheting Handles.

SGDMRC108AG Green Ratcheting Screwdriver Set. Same as SGMRC108A Set except has SGMRC1AG and SGMRC4AG Green Ratcheting Handles.



SGDMRC60

Interchangeable Blades

Every blade is interchangeable with every handle in the Soft Grip Ratcheting Screwdriver System. Choose just the right combination of blade and handle to meet your job needs. Non-magnetic blade is ideal for electronics applications. Vapor blasted tip resists chrome peeling. Knurled shank for finger tip control.

		Size	A
SGDMRC4-F7	Flat Tip	7/32	4
SGDMRC4-F8	Flat Tip	1/4	4
SGDMRC4-F10	Flat Tip	5/16	4
SGDMRC4-P1	PHILLIPS® Tip	#1	4
SGDMRC4-P2	PHILLIPS® Tip	#2	4
SGDMRC4-P3	PHILLIPS® Tip	#3	4

SGDMRC60 Non-Magnetic Screwdriver Blade Set. Includes SGMRC4-F7 thru SGMRC4-F10 Flat Tip Blades (7/32" to 5/16") plus SGMRC4-P1 thru SGMRC4-P3 PHILLIPS® Tip Blades (#1 to #3).

★ Interchangeable TORX® Blade

Blade is interchangeable with every handle in the Soft Grip Ratcheting Screwdriver System. Choose just the right combination of blade and handle to meet your job needs. Vapor blasted tip resists chrome peeling. Knurled shank for finger tip control. APPLICATIONS: All makes and models, domestic, European and Asian vehicles

- VW/Audi Door and Interior Trim
- VW/Audi Headlight Assembly
- GM Engine sensors/components
- GM Interiors
- GM Steering column multi-switches



SGDMRC-T30

	A	B
SGDMRC-T10	T10	5 1/8
SGDMRC-T15	T15	5 1/8
SGDMRC-T20	T20	5 1/8
SGDMRC-T25	T25	5 1/8
SGDMRC-T27	T27	5 1/8
SGDMRC-T30	T30	5 1/8



SGDMRC60

SGDMRC60 TORX® Blade Set. Includes SGMRC-T10 thru SGMRC-T30 (T10 to T30) (6pcs.) in storage tray.



WARNING

- Do not use screwdrivers as prybars, chisels or punches.
- Read additional safety precautions on pages 534 to 537.



Screwdrivers Ratcheting / Soft Grip Handle System

Electronic Miniature

SGRMINI107 Red Miniature Ratcheting Screwdriver Set. Narrow blade shanks are ideal for difficult access jobs such as underdash or onboard computers. Blades feature a non-magnetic tip for working on electronic equipment. Knurled section on blade shank for finger tip control. Vapor blasted tip provides better fastener contact. Soft grip handle for comfort and control. Durable nylon pouch features clip and belt loop. Overall Length (Handle and Blade): 7 21/32" (194.1mm). Length of Exposed Blade: 2 15/16" (74.7mm).

SGRMINIO Handle. Miniature Soft Grip Handle. Orange.

SGRMINIG Handle. Miniature Soft Grip Handle. Green.

SGRMINI107O Electronic Miniature Set. Same as SGRMINI107 Set except uses SGRMINIO Handle (orange).

SGRMINI107G Electronic Miniature Set. Same as SGRMINI107 Set except uses SGRMINIG Handle (green).



SGRMINI107

Set Includes:
SGRM-F44
SGRM-F64
SGRM-P40
SGRM-P41
SGRM-T408
SGRM-T410
SGRMINI
C0710

.144" x .022" Flat Tip Blade
 .203" x .033" Flat Tip Blade
 #0 PHILLIPS® Blade
 #1 PHILLIPS® Blade
 T8 TORX® Blade
 T10 TORX® Blade
 Miniature Handle
 Storage Pouch

Ratcheting Screwdrivers / Hard Handle

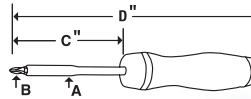
Standard Handle

			C	D	B
SDDMS1*	Stubby	Black	7/8	2 5/8	SDM222ZB #2 PHILLIPS®
SSDMR1A	Stubby	Black	1 15/16	4 5/16	•
SSDMR1AO	Stubby	Orange	1 15/16	4 5/16	SDM221IRB #1 PHILLIPS® ACR®
SSDMR4B	Standard	Black	3 25/32	8 3/4	•
SSDMR4BO	Standard	Orange	3 25/32	8 3/4	•
SSDMR8A	Long	Black	7 7/16	12 15/16	•
SSDMR8AO	Long	Orange	7 7/16	12 15/16	•

* SDDMS1 is non-ratcheting.

• Includes SDM211B (3/16") and SDM213B (9/32") Flat Tip bits, SDM221IRB (#1) and SDM222IRB (#2) PHILLIPS® ACR® bits plus SDMT15D (T15) TORX® bit.

RKRSSDMR4AC Service Kit. Order for servicing all the above drivers except SDDMS1.



SSDMR4BO

SSDMR8AO

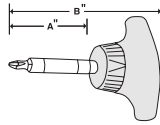
T-Handle

			A	B
SSDMRT1R	Stubby	Red	2	3 15/16
SSDMRT1O	Stubby	Red Orange	2	3 15/16
SSDMRT4R	Standard	Red	3 7/8	5 27/32
SSDMRT4O	Standard	Orange	3 7/8	5 27/32
SSDMRT8A	Long	Black	8	10

Includes the following bit: SDM222IRB #2 PHILLIPS® ACR®.
RKRSSDMR4AC Service Kit. Order for servicing all the above drivers.



SSDMRT4R



SSDMRT1O

Screwdriver Bit and Ratchet Sets



SHORTORX

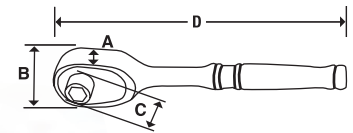
TORX® Bit Set

DHW1 Reversible Ratcheting Bit Wrench. Reverse lever positioned for one hand operation. 10.75" (273mm) overall length for leverage. Knurled wheel for fingertip control. Low head clearance gets in tight spots. Internal ring in square drive provides more secure bit retention than the magnetic type.

SDMTAS15	T15 TORX® Bit	5/16" Hex Size
SDMTAS20	T20 TORX® Bit	5/16" Hex Size
SDMTAS25	T25 TORX® Bit	5/16" Hex Size
SDMTAS27	T27 TORX® Bit	5/16" Hex Size
SDMTAS30	T30 TORX® Bit	5/16" Hex Size
SDMTAS40	T40 TORX® Bit	5/16" Hex Size
SDMTAS45	T45 TORX® Bit	5/16" Hex Size

SHORTORX TORX® Bit Set. Set includes the the above bits and bit wrench with bit holder in plastic pouch. Applications include:

- BMW - Under dash and sensors in engine compartment
- Cadillac - Water Pumps
- Cadillac CTS, 3.2L, 2003-2004 - Oil drain plug
- Cadillac Catera, 3.0L, 1997-2001 - Oil drain plug
- Ford Escort, early model - Door hinge bolts
- GM - Fender applications
- Jeep Cherokee, 1997-98 - Door hinge bolts
- VW (before 1999) - Door hinge bolts (both interior and exterior)



TM936SET

Magnetic Ratchet and Bit Set

TM936SET Magnetic Bit and Ratchet Set. Chrome Finish. Ideal for accessing fasteners in tight areas. Ratchet in set features magnetic retention for 1/4" hex bits. Includes SDM211B (3/16") and SDM213B (9/32") Flat Tip bits, SDM221IRB (#1) and SDM222IRB (#2) PHILLIPS® ACR® bits plus SDMT15D (T15) TORX® bit. Set is packaged in vinyl pouch. U.S. Patents 4,934,220 and 6,125,722 apply. Use RKRTM936 Service Kit.

RKRTM936 Ratchet Repair Kit. Repair kit for TM936SET Ratchet and Bit set.

			A	B	C	D
TM936SET	30	12°	7/16	27/32	1 3/4	4 1/2

Bit Sets Screwdrivers

Master Bit Set (1/4" Hex)

SDM400A Master Bit Kit. This 37 pc. set includes 1/4" hex shank bits. Also included are SDM11 Magnetic Insert Bit Holder for quick hex bit changes when using with electric drill or screw gun, TMBS8A 1/4" Hex Magnetic Socket for use with 1/4" drive handles, and GMB3042 1/4" Power Hex to Square Adaptor—all conveniently stored in the PB90A Storage Case.

#		#		#	
Flat Tip Bit:		Hex Bit:		TORX® Bit:	
SDM211B	.031" x .187"	SDM2704D	1/16"	SDMT8D	T8
SDM212B	.035" x .219"	SDM2705D	9/64"	SDMT9D	T9
SDM213B	.038" x .250"	SDM2706D	3/32"	SDMT10D	T10
SDM214C	.046" x .312"	SDM2707D	7/64"	SDMT15D	T15
SDM215C	.055" x .375"	SDM2708D	1/8"	SDMT20D	T20
PHILLIPS® ACR® Bit:		SDM2709D		SDMT25D	T25
SDM221IRB	#1	SDM2710D	5/32"	SDMT27D	T27
SDM222IRB	#2	SDM2712D	3/16"	SDMT30D	T30
SDM223IRB	#3	SDM2714D	7/32"	SDMT40D	T40
SDM222CZ		#2	SCRULOX® Bit:		#0
			BTS0		#1
			BTS1		#2
			BTS2		#3
			BTS3		



SDM400A

Ball Hex Bit Sets (1/4" Hex)

SDM32KT Ball Hex Set. 1/4" shank bits for use in difficult access applications where fastener cannot be approached straight on. 32 pc. 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 Square Drive Adaptor.

All components store in case with belt clip.



SDM32KT



SDM11KT

SDM11KT TORX® Ball Hex Set. 1/4" shank bits for use in difficult access applications where fastener cannot be approached straight on. 11 pc. 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 Square Drive Adaptor. All components store in case with belt clip.

Power Bit Set

YA52PBSQC Power Bit Set. Ideal for use with cordless drills and screwdrivers. Includes 49 1/4" hex shank bits in short and long lengths, two hex adaptors and quick change chuck. Bits are manufactured from Chrome Vanadium S2 steel. Storage case holds 11 components. All bit quantities shown are one (1) each unless otherwise indicated.

Flat Tip Bits (Short): 5-6, 6-8, 8-10 (2 each), 10-12

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

Tamper Resistant TORX® 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.



YA52PBSQC

Bits / Accessories



SDM11



SSDM28



SSDM10A



TMBS8A



TMUBS8

Magnetic Screwdriver Bit Sockets

These sockets can be used with standard 1/4" hex "SDM" Series screwdriver bits.

- TMBS8A** 1/4" hex opening, 1/4" drive.
- GTMB8A** 1/4" hex opening, 1/4" drive. Black industrial finish.
- TMUBS8** 1/4" hex opening, 1/4" drive.
- FBSM8A** 1/4" hex opening, 3/8" drive.

Screwdriver Bit Holders

Quick Change Coupler

TMC109A Quick Change Coupler. For use with any 1/4" drive handle. Spring release shell retracts to accept 1/4" hex power type bits. Ideal for production situations where positive bit retention is required. Industrial finish.

Magnetic Insert Bit Holder

SDM11 For quick hex bit changes when used with electric drill or screw gun. Magnetic and lock ring bit retention. 2 7/8" long.

SDM12 Similar to SDM11 but features lock ring retention only. 1 1/8" long.

Bits Pocket Box

SSDM10A Pocket sized storage system for SDM Series bits. Includes quick change bit holder.

Magnetic Hex Bit Organizer

SSDM28 Holds eight 5/16" and eighteen 1/4" hex bits. Five clips slide on rail to easily access the desired bit. Magnets on base of holder for attachment to any ferrous metal surface. Plastic material helps protect finished surfaces from scratches and dings.



CFSSB8



FBS8

Screwdriver Bit Sockets

These sockets can be used with standard 1/4" hex "SDM" Series screwdriver bits.

- FBS8** 1/4" hex opening, 3/8" drive.
- FBS9** 5/16" hex opening, 3/8" drive.
- CFSSB8** Insulating universal bit socket. 1/4" hex opening, 3/8" drive.
















WARNING







- Do not use power tools or accessories with impact drivers.
- Read additional safety precautions on pages 534 to 537.



Screwdrivers 1/4" Hex Shank Bits

		
Flat Tip		
SDM211B**		.031" x .187"
SDM212B**		.035" x .219"
SDM213B**		.038" x .250"
SDM214C**		.046" x .312"
SDM215C**		.055" x .375"
		
PHILLIPS®		
SDM221C	#1	
SDM222ZB	#2	
SDM222CZ*	#2	
SDM223C	#3	
		
Reed & Prince		
SDM231A	#2	
		
Clutch A:		
SDM242		3/32"
SDM243		1/8"
SDM244		5/32"
SDM245		3/16"
SDM246		1/4"
SDM247		5/16"
		
Clutch G		
SDM242G		3/32"
SDM243G		1/8"
SDM244G		5/32"
SDM245G		3/16"
SDM246G		1/4"

		
Hex		
SDM2704D**		1/16"
SDM2705D**		5/64"
SDM2706D**		3/32"
SDM2707D**		7/64"
SDM2708D**		1/8"
SDM2709D**		9/64"
SDM2710D**		5/32"
SDM2712D**		3/16"
SDM2714D**		7/32"
SDM2716D**		1/4"
SDM2720D		5/16"
SDM2724D		3/8"
		
Metric Hex		
SDMM2702B		2mm
SDMM2702.5B		2.5mm
SDMM2703B		3mm
SDMM2704C		4mm
SDMM2705C		5mm
SDMM2706C		6mm
SDMM2708B		8mm
SDMM2710B		10mm
		
POZIDRIV®		
SDM251C**	#1	
SDM252C**	#2	
SDM253C**	#3	

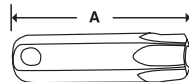
		
TORX®		
SDMT6A		T6
SDMT7A		T7
SDMT8D**		T8
SDMT9D**		T9
SDMT10D**		T10
SDMT15D**		T15
SDMT20D**		T20
SDMT25D**		T25
SDMT27D**		T27
SDMT30D**		T30
SDMT40D**		T40
		
SCRULOX®		
BTS0**		#0
BTS1**		#1
BTS2**		#2
BTS3**		#3
BTS Series SCRULOX® bits can be used on recessed double square fasteners used on Haulmark trailers. Bit size varies by application.		
		
TRI-WING:		
BTW0A		#0
BTW1A		#1
BTW2A		#2
BTW3A		#3
BTW4A		#4
BTW5A		#5
BTW6A		#6

*Small-profile, narrow nose design.

**Part of SDM400A Master Bit Set.





SDMTR8



TORX® Tamper Resistant

A hole in the end of each bit tip fits over a peg in the center of the TORX® tamper resistant fasteners.

		A
SDMTR8	T8	1/4"
SDMTR10	T10	1/4"
SDMTR15	T15	1/4"
SDMTR20	T20	1/4"
SDMTR25	T25	1/4"
SDMTR27	T27	1/4"
SDMTR30	T30	1/4"
SDMTR40	T40	1/4"
SDMTR45	T45	5/16"
SDMTR50	T50	5/16"



SDM2211RB

PHILLIPS® ACR®



Anti-camout ribs on these PHILLIPS® bits bite into fasteners and help prevent camout.

	
SDM2211RB**	#1
SDM2221RB**	#2
SDM2231RB**	#3

** Part of SDM400A Master Bit Set.

Wobble Bits

Give up to an 18° angle of "wobble."

	
TORX® Wobble	
SDMTW8A	T8
SDMTW9A	T9
SDMTW10A	T10
SDMTW15A	T15
SDMTW20A	T20
SDMTW25A	T25
SDMTW27A	T27
SDMTW30A	T30
SDMTW40A	T40
PHILLIPS® Wobble	
SDMW221A	#1
SDMW222A	#2
SDMW223A	#3



SDMTW8A



SDMW221A



SDM252IRA








POZIDRIV® ACR®






Anti-camout ribs on these POZIDRIV® bits bite into fasteners and help prevent camout.

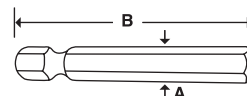
	
SDM251IRC**	#1
SDM252IRC**	#2
SDM253IRC**	#3

** Part of SDM400A Master Bit Set.

Power Bits Screwdrivers

		# 		A	B
Flat Tip 	SDM311B	.026" x .122"	1/4	.187	1 15/16
	SDM312B	.028v x .134"	1/4	.187	1 15/16
	SDM313B	.032v x .154"	1/4	.187	1 15/16
	SDM314B	.034" x .187"	1/4	.187	1 15/16
	SDM315A	.036" x .215"	1/4	.234	1 15/16
	SDM316A	.038" x .250"	1/4	.234	1 15/16
	SDM317A	.042" x .275"	1/4	.234	1 15/16
	SDM318A	.046" x .312"	1/4	.234	1 15/16
	SDM319A	.050" x .360"	1/4	.234	1 15/16
	SDM411B	.026" x .122"	1/4	.234	3
	SDM412B	.028" x .134"	1/4	.187	3
	SDM413B	.032" x .154"	1/4	.187	3
	SDM414A	.034" x .187"	1/4	.187	3
	SDM415A	.036" x .215"	1/4	.250	3
	SDM416A	.038" x .250"	1/4	.234	3
	SDM417A	.042" x .275"	1/4	.234	3
	SDM418A	.046" x .312"	1/4	.234	3
	SDM419A	.050" x .360"	1/4	.234	3
	SDM511A	.026" x .122"	1/4	.187	3 1/2
	SDM512A	.028" x .134"	1/4	.187	3 1/2
SDM513A	.032" x .154"	1/4	.187	3 1/2	
SDM514A	.034" x .187"	1/4	.187	3 1/2	
SDM515A	.036" x .215"	1/4	.234	3 1/2	
SDM516A	.038" x .250"	1/4	.234	3 1/2	
SDM517A	.042" x .275"	1/4	.234	3 1/2	
SDM518A	.046" x .312"	1/4	.234	3 1/2	
SDM519A	.050" x .360"	1/4	.234	3 1/2	
PHILLIPS® 	SDM220A	#0	1/4	—	1
	SDM320A	#0	1/4	.125	1 15/16
	SDM321B	#1	1/4	.187	1 15/16
	SDM322B	#2	1/4	.234	1 15/16
	SDM323A	#3	1/4	.234	1 15/16
	SDM421B	#1	1/4	.187	2 3/4
	SDM422B	#2	1/4	.234	2 3/4
	SDM423B	#3	1/4	.234	2 3/4
	SDM521A	#1	1/4	.187	3 1/2
	SDM522A	#2	1/4	.234	3 1/2
	SDM523A	#3	1/4	.234	3 1/2
	SDM621A	#1	1/4	.187	6
	SDM622A	#2	1/4	.234	6
	SDM623A	#3	1/4	.234	6
	SDMA421	#1	5/16	.250	3
	SDMA422A	#2	5/16	.250	3
	SDMA423A	#3	5/16	.296	3
	SDMB422A	#2	7/16	.312	3
	SDMB423A	#3	7/16	.312	3
	SDMB424A	#4	7/16	.375	3
SDMB522A	#2	7/16	.312	4 1/2	
SDMB523A	#3	7/16	.312	4 1/2	
SDMB524A	#4	7/16	.375	4 1/2	
SDMB622	#2	7/16	.312	6	
SDMB623A	#3	7/16	.312	6	
SDMB624A	#4	7/16	.312	6	
PHILLIPS® ACR® 	<i>Installer Bits</i>				
	SDM3611A	#1	1/4	.187	1 15/16
	SDM3621A	#2	1/4	.234	1 15/16
SDM3631A	#3	1/4	.234	1 15/16	
<i>Removal Bits</i>					
SDM361RA	#1	1/4	.187	1 15/16	
SDM362RA	#2	1/4	.234	1 15/16	
SDM363RA	#3	1/4	.234	1 15/16	
POZIDRIV® 	SDM351B	#1	1/4	.187	1 15/16
	SDM352B	#2	1/4	.234	1 15/16
	SDM353B	#3	1/4	.234	1 15/16
	SDM451A	#1	1/4	.187	2 3/4
	SDM452A	#2	1/4	.234	2 3/4
	SDM453A	#3	1/4	.234	2 3/4
	SDM551A	#1	1/4	.187	3 1/2
	SDM552A	#2	1/4	.234	3 1/2
	SDM553A	#3	1/4	.234	3 1/2
	SDM651A	#1	1/4	.187	6
SDM652A	#2	1/4	.234	6	
SDM653A	#3	1/4	.234	6	

		# 		A	B
TORX® 	SDMT307A	T7	1/4	.140	1 15/16
	SDMT308A	T8	1/4	.140	1 15/16
	SDMT309A	T9	1/4	.140	1 15/16
	SDMT310A	T10	1/4	.140	1 15/16
	SDMT315A	T15	1/4	.140	1 15/16
	SDMT320A	T20	1/4	.203	1 15/16
	SDMT325B	T25	1/4	.203	1 15/16
	SDMT327A	T27	1/4	.203	1 15/16
	SDMT330A	T30	1/4	.250	1 15/16
	SDMT340A	T40	1/4	.250	1 15/16
	SDMT407	T7	1/4	.140	2 3/4
	SDMT408	T8	1/4	.140	2 3/4
	SDMT409	T9	1/4	.140	2 3/4
	SDMT410	T10	1/4	.140	2 3/4
	SDMT415	T15	1/4	.140	2 3/4
	SDMT420	T20	1/4	.203	2 3/4
	SDMT425	T25	1/4	.203	2 3/4
	SDMT427	T27	1/4	.203	2 3/4
	SDMT430	T30	1/4	.250	2 3/4
	SDMT440	T40	1/4	.250	2 3/4
SDMT507	T7	1/4	.140	3 1/2	
SDMT508	T8	1/4	.140	3 1/2	
SDMT509	T9	1/4	.140	3 1/2	
SDMT510	T10	1/4	.140	3 1/2	
SDMT515	T15	1/4	.140	3 1/2	
SDMT520	T20	1/4	.203	3 1/2	
SDMT525	T25	1/4	.203	3 1/2	
SDMT527	T27	1/4	.203	3 1/2	
SDMT530	T30	1/4	.250	3 1/2	
SDMT540	T40	1/4	.250	3 1/2	
SDMT607	T7	1/4	.140	6	
SDMT608	T8	1/4	.140	6	
SDMT609	T9	1/4	.140	6	
SDMT610	T10	1/4	.156	6	
SDMT615	T15	1/4	.156	6	
SDMT620	T20	1/4	.187	6	
SDMT625	T25	1/4	.234	6	
SDMT627	T27	1/4	.250	6	
SDMT630	T30	1/4	.250	6	
SDMT640	T40	1/4	.250	6	
SDMTA40	T40	5/16	.312	1 1/4	
SDMTA45	T45	5/16	.312	1 1/4	
SDMTA50	T50	5/16	.312	1 1/4	
SDMTA55	T55	5/16	.312	1 1/4	
Hex 	SDM3704	1/16	1/4	.115	1 15/16
	SDM3705	5/64	1/4	.234	1 15/16
	SDM3706	3/32	1/4	.234	1 15/16
	SDM3707	7/64	1/4	.234	1 15/16
	SDM3708	1/8	1/4	.234	1 15/16
	SDM3709	9/64	1/4	.234	1 15/16
	SDM3710	5/32	1/4	.234	1 15/16
	SDM3712	3/16	1/4	.234	1 15/16
	SDM3714	7/32	1/4	.250	1 15/16
	SDM3716	1/4	1/4	.250	1 15/16
	SDMA4708	1/8	5/16	.234	3
	SDMA4710	5/32	5/16	.234	3
	SDMA4712	3/16	5/16	.234	3
	SDMA4714	7/32	5/16	.281	3
	SDMA4716	1/4	5/16	.281	3
SDMA4720	5/16	5/16	.312	3	
SDMA4724	3/8	5/16	.312	3	

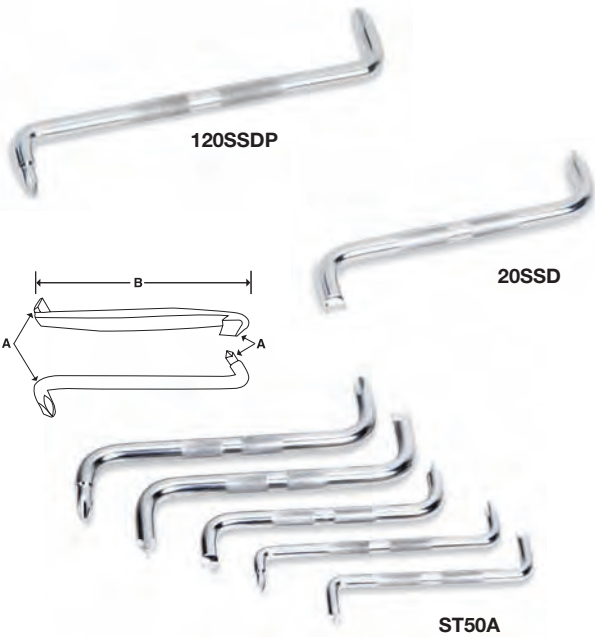


WARNING

- Do not use power tools or accessories with impact drivers
- Read additional safety precautions on pages 534 to 537.



Screwdrivers Special Application



Standard 90° Offset

		A	B
120SSDP	PHILLIPS®	#1 and #2	4 3/4
340SSDP	PHILLIPS®	#3 and #4	6
10SSD	Flat Tip	.040 x 1/4	4
20SSD	Flat Tip	.050 x 9/16	4 11/16
30SSD	Flat Tip	.060 x 3/8	5 1/2

ST50A Combination Set. 10SSD, 20SSD and 30SSD Flat Tip Drivers plus 120SSDP and 340SSDP PHILLIPS® Tip Drivers (5 pcs) in a plastic pouch.



S6180

DZUS Fastener Driver

S6180. For DZUS type fasteners used in aircraft and auto racing applications. Blade is 2" long. Overall length is 6 13/32".



SDDD101



SDDD41

Reversible Blade Screwdriver and Sets

SDDD101 Reversible Blade Screwdriver Set. SDDD101 includes four reversible bits for eight different tip sizes: 1/4" and 3/16" Flat Tip, #1 and #2 PHILLIPS® tip, T15 and T20 TORX® tip, T25 and T30 TORX® tip plus individual 1/4" and 5/16" nut drivers. Meets all ASME B107 torque specifications. Durable, classic hard handle is textured for a sure grip.

SDDD41 Reversible Blade Screwdriver Set. SDDD41 includes two reversible bits for four different tip sizes: 9/32" and 13/64" Flat Tip plus #1 and #2 PHILLIPS® tip. Meets all ASME B107 torque specifications. Durable, classic hard handle is textured for a sure grip.



YA480B

BTWOS

BTWS

BTWROS



BTWOSK

BTWSMPK

Ratcheting Offset Screwdrivers

YA480B Right Angle Ratcheting Screwdriver. One way bearing allows turning in one direction only. Insert bit in one side of bearing or the other to get right or left hand turning power. A knurled knob helps to keep bit firmly seated when palm pressure is exerted. Includes one each: Flat Tip, #2 PHILLIPS®, and #2 POZIDRIV® bits. 3 7/8" long.

BTWSMPK Miniature Ratcheting Handle Set. Includes BTWS, BTWOS, and BTWROS Mini Ratcheting Handles, SDM213B (9/32") Flat Tip bit, SDM221IRB (#1) and SDM222IRB (#2) PHILLIPS® ACR® bits plus SDMT150D (T15) TORX® bit.

BTWOSK Miniature Ratcheting Handle Set. Includes BTWOS Mini Ratcheting Handle, SDM213B (9/32") Flat Tip bit, SDM221IRB (#1) and SDM222IRB (#2) PHILLIPS® ACR® bits plus SDMT150D (T15) TORX® bit.

BTWS Miniature Ratcheting Handle. Straight.

BTWOS Miniature Ratcheting Handle. 25° Offset.

BTWROS Miniature Ratcheting Handle. 25° Reverse Offset.

Miniature Ratcheting Handle Features:

- Use handles with 1/4" hex bits. Ideal for working in confined spaces
- 72 tooth ratchet engagement with only 5° movement to engage the next tooth
- 25° offset handles help avoid knuckle injuries
- Magnetic holder keeps bits in place
- Raised knurled knob for fingertip control
- Reverse lever easily operated with one handle
- 4 1/2" compact overall length
- Red vinyl grip for comfort and control



CM6551

Miniature

CM6551 Miniature Screwdriver Set. Includes 4 blades in the following Flat Tip sizes: .055", .070", .080", and .100". Also includes an awl and plastic pouch for storage.

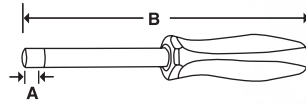
Nut Drivers Screwdrivers

Snap-on® nut drivers feature the 6-point **FLANK DRIVE®** wrenching configuration for greater power with less fastener damage, narrow tubular shanks for access to confined areas. Our popular contoured handle provides both grip and comfort, easily wipes clean and resists oils and solvents.

Composite nut drivers feature narrow, non-conductive composite shanks for greater access and a full 5" bolt clearance depth. Screwdriver style handles provide maximum comfort and control. Handles are color coded for easy size reference. Sizes are stamped on the handle crown for better visibility when wearing a tool pouch. U.S. Patent 6,427,563 applies.



CNDD112



Non-Conductive Composite



		A	B
3/16"	CNDD106	5/32	7 5/8"
7/32"	CNDD107	5/32	7 5/8"
1/4"	CNDD108	5/32	7 5/8"
5/16"	CNDD110	5/32	7 5/8"
3/8"	CNDD112	11/32	8 3/8"
7/16"	CNDD114	11/32	8 17/32"
1/2"	CNDD116	11/32	9 1/16"

107CNDD Set. CNDD106 thru CNDD116 (7 pcs.) (3/16" to 1/2").



107CNDD



NDD1070A

Ergonomic Handle Colored Handle



			A	B
1/4"	NDD108AR	Red	9/64	6 21/32"
9/32"	NDD109AO	Orange	9/64	6 21/32"
5/16"	NDD110AY	Yellow	3/16	6 21/32"
11/32"	NDD111AG	Green	13/64	6 21/32"
3/8"	NDD112AB	Blue	9/32	7 13/32"
7/16"	NDD114ABR	Brown	5/16	7 13/32"
1/2"	NDD116AR	Red	23/64	7 13/32"

NDD1070A Set. NDD108AR thru NDD116AR (7 pcs) (1/4" to 1/2") in a storage tray.



NDDM1070

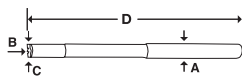
Ergonomic Handle Black Handle



mm		A	B
6	NDDM60	3.8	169.1
7	NDDM70	3.8	169.1
8	NDDM80	4.7	169.1
9	NDDM90	5.4	188.0
10	NDDM100	7.1	188.0
11	NDDM110	7.7	188.0
12	NDDM120	8.6	188.0

NDDM1070 Metric Set. NDDM60 thru NDDM120 (7 pcs) (6 to 12mm) in a storage tray.

Screw Starters

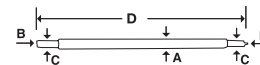


Aluminum Starters

Spring loaded steel bits grip screw slot wall to withstand an 8 lb. pull, yet release automatically when applied torque reaches a certain level.

	A	B	C	D
SS5A	5/16"	Flat Tip	.032 x 9/32"	5"
SSM3*	5/16"	Flat Tip	.032 x 9/32"	2 1/2"
SSM5A*	5/16"	Flat Tip	.032 x 9/32"	5 1/4"
SSM6A*	9/32"	PHILLIPS® #3	#3	5 1/2"
GA199A	9/32"	Combination	.032 x 9/32, #2	5 7/8"

*Aluminum handle with Magnet.



CSSC9

Non-Conductive Composite

Rated shock resistant up to 1000V.

	A	B	C	D
CSSC9	9/32"	Flat Tip/PHILLIPS®	.032" X 9/32, #2	9"



WARNING

- Do not use power tools or accessories with impact drivers.
- Read additional safety precautions on pages 534 to 537.



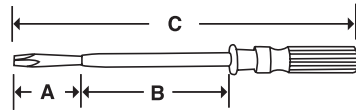
Screwdrivers Screw Starters



SSR7

Recessed Screw and Nut Starter

SSR7. This combination starter has a round aluminum body with a knurled gripping area in the center. It's designed to accommodate the most popular sizes of recessed screws: TORX®, Socket Head, PHILLIPS®, etc., while the opposite end handles #3, #4, #6, #8, and #10 nuts. Overall length is 6 3/4".



YA355

Handle Style Starters

Start or set slotted screws in tight spaces.

	A	B	C
YA355	1/4	6	8 5/8
YA356	5/16	6	9 3/4

Screwdrivers and Nut Drivers



BSGD6



BSGD3 through BSGD7



Flat Tip

Stock No.	Tip Size	Blade Length, inches	Length, inches
BSGD3	1/8	3	6 1/2
BSGD4	7/32	5	9
BSGD5	1/4	6	10 1/4
BSGD6	5/16	7	11 1/4
BSGD7	3/8	8	12 3/8

BSGD3 through BSGD7 Flat Tip Drivers plus BSGDP41 and BSGDP52 Phillips® Tip Drivers (7 pcs.) in storage tray.



PHILLIPS®



BSGDP52

Stock No.	Tip Size	Blade Length, inches	Length, inches
BSGDP41	#1	4	8
BSGDP52	#2	5	9 1/4



NDL51610



NDLM710



102NDL10



102NDLM10



Locking Nut Drivers

Tools lock onto hex screws. Great for hose clamp and other tight, hard to reach applications. Patent pending.

Stock No.	Size	Length
NDL1410	1/4"	10"
NDL51610	5/16"	10"
NDLM610	6mm	10"
NDLM710	7mm	10"

102NDL10 Set. NDL1410 and NDL51610 (2 pcs) (1/4", 5/16") in storage tray.

102NDLM10 Set. NDLM610 and NDLM710 (2 pcs) (6mm, 7mm) in storage tray.

SNAP-ON PLIERS SNAP-ON PLIERS SNAP-ON **PLIERS** SNAP-ON PLIERS

PLIERS

There is a revolution going on in Milwaukee, Wisconsin. New technology at the Snap-on® manufacturing plant has created a series of product improvements in the line of pliers and cutters. Precision cold forming processes have led to serious innovations in product fit and feel, and most of all, in performance.

The most visible development has been in the introduction of the new PowerEdge™ series of cold formed cutters. Precision manufacturing processes have allowed Snap-on to eliminate the variable of hand finished cutting edges. Because no two operations done by hand are exactly alike, and because

edges that come to a sharp point are likely to wear over time, Snap-on developed a new cutting surface that is actually flat to distribute load better. The flat cutting surface is wider near the back of the jaw where the most leverage is needed and it tapers to the width of a hair near the tip where fine cuts are needed.

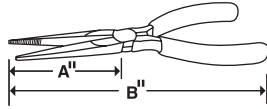
Diagonal cutters like the 87CF also feature a relocated joint to increase leverage, and a revised handle shape to better support the palm.

Under the stress of hardened wire, like music wire, Snap-on cutters perform better, cut better and last longer than conventional designs. You'll feel the difference when you pick up a pair of Snap-on pliers and put them to work.



T H E R E I S A D I F F E R E N C E ™

Pliers Needle Nose



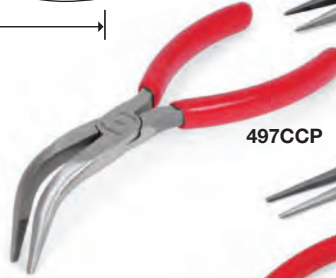
96CF



196CF



95BCP



497CCP



597CCP



97CCP



61ACP

Special Purpose (Natural Finish)

Long, slim jaws and flush riveted joints enable pliers to reach into recessed areas. Rounder jaw edges minimize nicks to wire when making loops of bends. Jaw tips are perfectly aligned and feature machined rather than stamped teeth for precise gripping with positive control. Designed for maximum gripping strength, these pliers are ideally suited to electrical and electronic work, holding pins or small components. Models with a natural steel finish also include a tough, clear protective coating to help protect against corrosion.

Talon Grip™ (Natural Finish)

Newly designed manufacturing geometry features a new joint location, optimized handle shape and diamond serrated jaws to deliver the new Snap-on® Talon Grip™ Series of needle nose pliers. Diamond serrated jaws provide a better grip with an up to 57% increase in pulling power. Ramped tips for better accessibility. 26% stronger jaw tips. Longer, contoured handle for more comfort and better leverage.

		A	B
196CF*	Long Needle Nose	2 1/4	8
96CF	Long Needle Nose	2 1/4	8

*Rated to cut .049" diameter music wire.

		A	B
95BCP	Needle Nose Pliers	1 11/16	6
97CCP	Needle Nose Pliers	3 3/16	8
497CCP	90° Angle Jaws	2 5/8	6 5/8
597CCP*	Pin Gripping	3 3/16	7 15/16
61ACP**	Duck Bill (Industrial Finish)	1 5/16	7 3/4

*Jaws feature matched parallel and cross grooves.

**Jaw width is 15/32".

Needle Nose Pliers Sets

PL6711A Needle Nose Set. Includes 96CF, 97CCP, and 911BCP (3 pcs) in a storage tray.

PL300ACP Pliers/Cutters Set. Includes 47ACP Pliers, 96CF Needle Nose Pliers and 87CF Diagonal Cutters (3 pcs) in a storage tray.

PL400B Pliers/Cutters Set. Includes 47ACP Combination Slip Joint Pliers, 91ACP Adjustable Joint Pliers, 96CF Needle Nose Pliers and 87CF Diagonal Cutters (4 pcs) in a storage tray.



PL400B



PL6711A

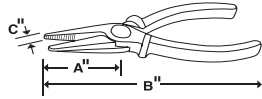


PL300ACP

Needle Nose Pliers

Non-Conductive Insulating

Non-conductive needle nose pliers feature all composite jaw and handle. Spring loaded joint returns pliers to comfortable working position. Durable jaw teeth aide in gripping and twisting. Integral thumb guard for user protection. Each tool is individually tested to ensure protection up to 1000VAC and 1500VDC. Meets IEC60900 standards.



C97CP

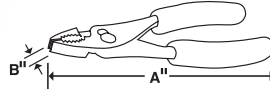


	A	B	C
C97CP	2	8 1/2	5/32

Combination / Slip Joint



47ACP



Combination

Feature 2 position slip joints. Red vinyl grips.



	A	B
44ACP	4 1/2	15/64
46ACP	6 7/16	23/64
47ACP	7 1/2	13/32
49ACP	9 1/4	1/2



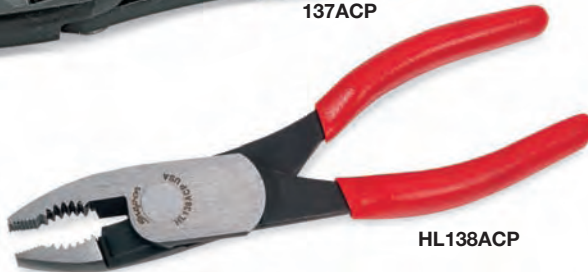
PL403A



137ACP



PL400B



HL138ACP

Pliers/Cutters Sets

PL403A Combination Slip Joint Pliers Set. Includes 44ACP, 46ACP, and 47ACP (3 pcs) in a storage tray.

PL300ACP Pliers/Cutters Set. Includes 47ACP Pliers, 96CF Needle Nose Pliers and 87CF Diagonal Cutters (3 pcs) in a storage tray.

PL400B Pliers/Cutters Set. Includes 47ACP Combination Slip Joint Pliers, 91ACP Adjustable Joint Pliers, 96CF Needle Nose Pliers and 87CF Diagonal Cutters (4 pcs) in a storage tray.

Special Purpose

HL138ACP High Leverage Combination Pliers (7 7/8"). Requires only 1/4 the effort normally needed for cutting/gripping. 1 1/16" jaw opening. Industrial finish and red, vinyl covered handles.

Heavy Duty Combination

137ACP Combination Pliers (7 1/2"). Both gripping leverage and cutting action. 13/32" thick 2 position jaws. Countersunk stud permits close cutting. Industrial finish with red vinyl grips.

Lineman



C59AHL

Non-Conductive Composite

Same quality as standard lineman pliers for performance and durability. Non-conductive handles are soft grip for comfort and control. Handles feature thumb guards, two position grip and tether hole. Each tool is individually tested to ensure protection up to 1000VAC and 1500VDC. Meets IEC60900 standards.

C59AHL Insulating Composite Lineman's Pliers. Jaw length of 1 13/32". Overall length 10".



57AHL

Standard

57AHL Lineman's Pliers. (7 3/8"). Machined cutter heads for perfectly matched blades. Heads are induction hardened. Additional gripper teeth behind the heads. Industrial finish and red vinyl covered handles.

59AHL Lineman's Pliers. (9 1/4"). Longer version of 57AHL.



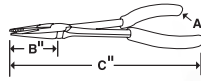
WARNING

- Plastic coated handle does not protect from electrical shock.
- Read additional safety precautions on pages 534 to 537.



Pliers Long Reach Pliers and Cutters

Long, slim jaws and flush riveted joints enable pliers to reach into recessed areas. Rounded jaw edges minimize nicks to wire when making loops or bends. Jaw tips are perfectly aligned and feature machined rather than stamped teeth for precise gripping with positive control. Designed for tremendous gripping strength, these pliers are ideally suited to electrical and electronic work, holding pins or small components. Models have a natural steel finish and a tough, clear coating to help protect against corrosion.



490BCP



915CP



911BCP



411BCP



408ACP



415CP



912AEP



908ACP



609ACP

Needle Nose Pliers (Natural Finish)



		A	B	C
915CP	Long Handle	Red Vinyl	3 1/2	14 1/2
415CP	Long Handle / 35° Bent Nose	Red Foam	2 7/8	14 5/16
911BCP	Long Handle	Red Vinyl	3 3/16	11
912AEP	Pistol Grip	Red Vinyl	2 1/8	10 5/8
490BCP*	90° Bent*	Red Vinyl	1 7/8	9 3/4
408ACP	35° Mini Bent	Red Vinyl	1 1/2	7 7/8
411BCP	35° Bent	Red Vinyl	2 7/8	10 7/8
908ACP	Mini	Red Vinyl	1 5/8	8 1/8
609ACP*	Duck Bill*	Red Vinyl	1 3/8	9 1/4

*Jaw width is 3/8".

102LHCP Long Needle Nose Set. Includes 415CP and 915CP (2 pcs) in a vinyl pouch.

The pistol grip handle makes access and reach a snap when working along a horizontal or vertical plane. You also get more turning and pulling power with the pistol grip handle design to speed jobs along. Machine jaw serrated grooves provide a tough hold on the work. A spring mechanism keeps jaws in the open position.

Gripping Pliers (Natural Finish)

Red vinyl grips

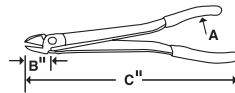


	A	B	C
612AEP	Pistol Grip	1 3/8	9 3/4



612AEP

Diagonal cutters feature one of the best ergonomic designs on the market to get cutting jobs done quickly, efficiently, and comfortably. Quality forged steel ensures a tool that will provide years of service. Differential heat treatment produces the strength and toughness in desired areas to withstand repeated tough cutting jobs. Induction hardened, precision sharpened, overlapped cutting edges produce a shearing cut (rather than pinching), stay sharp longer, and cut with less effort. Handles are designed to deliver the leverage needed to tackle demanding jobs. A spring mechanism keeps jaws in an open position.



Diagonal Cutters (Natural Finish)

Red vinyl grips



	A	B	C	Hard Wire Capacity, inches	Piano Wire Capacity, inches	Soft Wire Capacity, inches
312CP*	Long Handle	1 1/8	11	9/64	1/8	1/4
808ACP*	Mini	9/16	6 15/16	—	—	1/8

* Features PowerEdge™ Cutting Design

312CP Heavy Duty Diagonal Cutter. Offers maximum reach and access with the 11" overall length. Offset jaws easily make flush cuts. Offset cutting edge yields a shear cut (not a pinching cut), requires less effort for cutting and helps the cutting edge maintain sharpness. Bowed, non-slip handle design.



808ACP



312CP

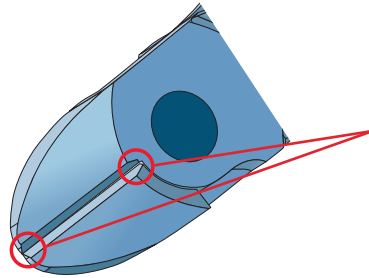
PowerEdge™ Geometry

Our exclusive cutting edges have a top flat surface that tapers from back to front to provide more cutting surface by the joint for tough work, and fine tips for delicate wire.

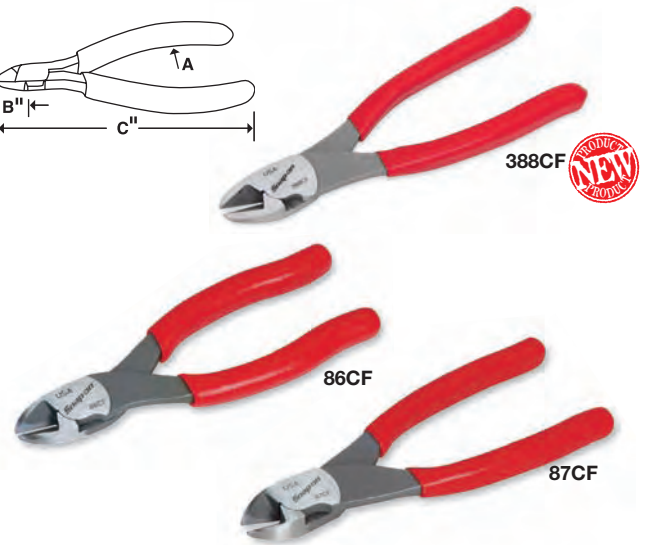
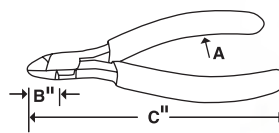
Hold this Snap-on® cutter up to the light and you'll see a slight relief back toward the joint, and tips that come together perfectly.

PowerEdge™ cutters cycled more than 5,000 times through hardened music wire without significant wear, and the tips still aligned.

Old fashioned hand finished edges can't match PowerEdge™ durability.



• More cutting surface close to the joint for power cuts. The slight gap close to the joint keeps the tips from wearing prematurely during power cuts.



Standard Diagonal

Quality forged steel ensures tools that will provide years of service. Differential heat treatment produces the strength and toughness in desired areas to withstand repeated tough cutting jobs. Handles are designed for comfort and to deliver the leverage needed to tackle demanding jobs.

		A	B	C
				
184CCP	Cutter	Bowed	1 13/32	4 3/4
85BCP	Cutter	Bowed	9/16	5
86EP*	Pistol Grip Cutter	Pistol	3/4	6 5/16

*Ergonomic Pistol Grip handle allows the user to apply more torque while reducing repetitive strain injuries.




Special Purpose

		A	B	C
				
EPC160	Plastic/Cable Cutters	Natural	Bowed 0.7 (18)	6.3 (160)

EPC160 Plastic/Cable Cutters. Pliers are manufactured from 1% carbon/chrome ball bearing steel that provides strength without brittleness. Forged components allow the grain structure to follow the profile of the blank to maximize tool strength. Precision adjustable screw joint minimizes friction and maximizes alignment of cutting edges. Jaws are CNC machined to hold precision tolerances. Precision hardened cutting edge. Jaw opening spring keeps the tool in the "ready-to-work" position.

PowerEdge™ Diagonal

		B	C
			
388CF*	High Leverage Cutter	1 1/16	8 5/16
86CF*	Standard Diagonal	3/4	8 5/16
87CF*	Standard Diagonal	13/16	7 3/8

*Features PowerEdge™ Cutting Design.



PL803A

PL300ACP

Cutter Sets

PL803A Diagonal Cutters Set. Includes 184CCP, 86CF, and 87CF (3 pcs) in a storage tray.

PL300ACP Pliers/Cutters Set. Includes 47ACP Pliers, 96CF Needle Nose Pliers and 87CF Diagonal Cutters (3 pcs) in a storage tray.

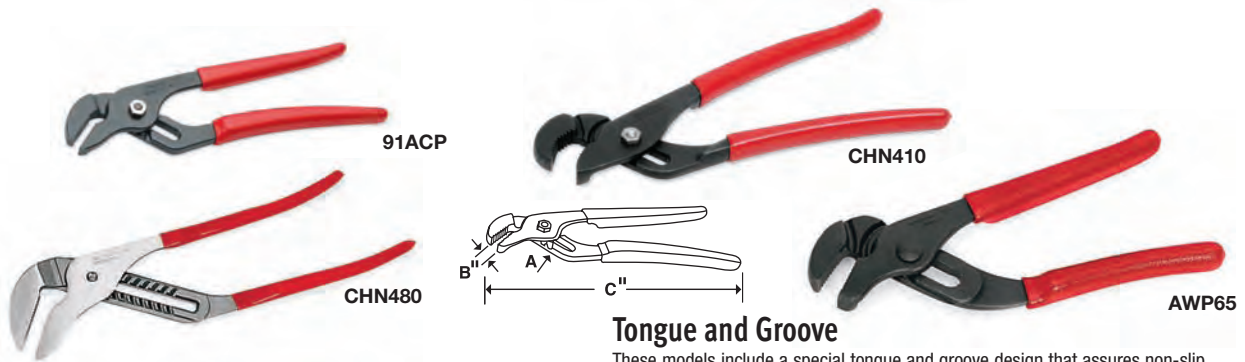
The unique jaw design of the EPC160 makes it ideal for cutting plastic, rubber and vinyl. Do not cut plastic, rubber or vinyl with cutters designed to cut metal as the blades are not intended to cut softer materials and can be irreparably damaged.

WARNING

- Plastic coated handle does not protect from electrical shock.
- Read additional safety precautions on pages 534 to 537.



Pliers Adjustable Joint



Standard

These models feature red, vinyl covered handles for a secure, comfortable grip. Specially hardened jaw teeth provide long life and a solid grip on work object.

		A	B	C
91ACP	Industrial Finish	5	1 3/8	9 1/4
CHN480	Nickel/Chrome Finish	11	5 1/2	20

Tongue and Groove

These models include a special tongue and groove design that assures non-slip jaw action. The unique fastener system inhibits side to side jaw wobble for added strength and smoother operation.

		A	B	C
CHN410	Parrot Jaws	5	1 1/2	10 1/8
AWP65	Straight Serrated Jaws	3	1/2	4 3/4
AWP65	Straight Serrated Jaws	5	7/8	7
AWP120	Straight Serrated Jaws	7	2 3/16	12 3/4
AWP160	Straight Serrated Jaws	8	3 13/16	16 3/4

AWP404 Set. Includes AWP45, AWP65, AWP120, and AWP160 (4 pcs) in a storage tray.



Adjustable Joint

Unique thumb grip allows user to change jaw setting without releasing grip on tool. Self locking jaw grips tightly at three points to securely hold pipes, hex and square objects. Handles feature large gripping surface for user to apply sustained, maximum force. Black industrial finish.

	A	B	C
AP7	9	1 1/2	7
AP10	11	1 3/4	10

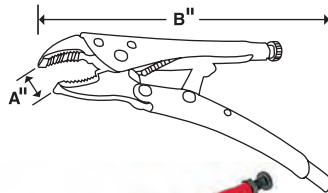
Locking Pliers

- 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



Heavy duty straight jaw pliers with deep jaws and reinforced precisely machined teeth.



All purpose pliers with curved jaws and wire cutter.

	A	B
<i>Straight Jaw</i>		
VGP11205	1 5/32 (30)	5 (135)
VGP11207	1 5/8 (42)	7 (190)
VGP11210	2 7/16 (63)	10 (235)
<i>Curved Jaw with Cutter</i>		
VGP12105	1 5/32 (30)	5 (135)
VGP12107	1 5/8 (42)	7 (190)
VGP12110	2 7/16 (63)	10 (235)
<i>Long Nose</i>		
VGP12706	2 1/8 (55)	6 (165)
VGP12710	2 3/4 (70)	10 (235)
VGP12712	5 1/16 (130)	12 (300)
<i>Large Jaw</i>		
VGP12212	3 15/16 (100)	12 (300)



Long reach jaws for access in confined spaces. Curved section allows pliers to hold rounded objects.



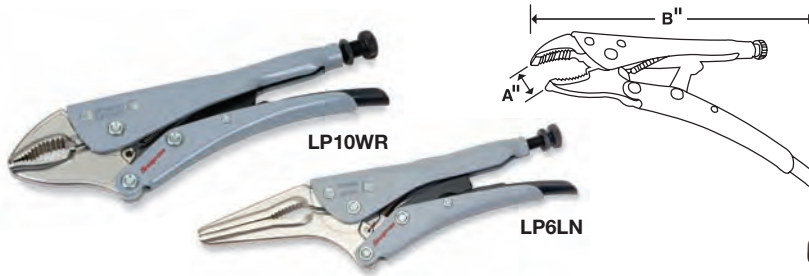
Multi-purpose tool with larger jaw capacity for general maintenance and screw in oil filter removal.



VGP105RA

VGP105RA Locking Pliers Set. Includes VGP12107 and VGP12110 Curved Jaw, VGP11210 and VGP1205 Straight Jaw and VGP13910 Hose Clamp Pliers (5 pcs) in kit bag.

Locking Pliers Pliers



LP404

LP Series

Spring loaded release lever allows quick "NO-PINCH" release. Locking nut secures jaw opening for repeat jobs. Features larger jaw capacity to hold larger objects. Jaws feature greater surface area and broader teeth for more secure gripping.

		A	B
LP5SLIM	Thin Curved Jaw	1 5/32 (30)	5 (135)
LP7SLIM	Thin Curved Jaw	1 5/8 (41)	7 (190)
LP5WR	Curved Jaw w/cutter	1 5/32 (30)	5 (135)
LP6LN	Long Nose	2 1/8 (55)	6 (165)
LP7WR	Curved Jaw w/cutter	1 5/8 (42)	7 (190)
LP10WR	Curved Jaw w/cutter	2 7/16 (63)	10 (235)

LP404 Combination Set. Includes LP5WR, LP7WR, LP10WR Curved Jaw Pliers plus LP6LN Long Nose Pliers in a kit bag.

LP5SLIM Locking Pliers. Use for removal of socket style sway bar links. The thinner jaws will fit between the stabilizer bar and the stabilizer link to allow a socket to be used for nut removal.

LP7SLIM Locking Pliers. Use for removal of socket style sway bar links. The thinner jaws will fit between the stabilizer bar and the stabilizer link to allow a socket to be used for nut removal. Applications include 2002-2004 Dodge Caravans, Chrysler Town and Country and any other vehicle with non-greaseable sway bar links.



LP5SLIM

LP7SLIM



BLP7

BLP6LN



BSGLP7

BSGLP6LN



BLP404



BSGLP404



Locking Pliers/Standard Grip

Locking pliers deliver performance where it's needed most. Made from high grade, heat treated steel alloys, the hardened precision ground jaws "lock" onto work pieces that are tough to hold. Chrome plated for long life and durability, these hand tools represent exceptional value for automotive, industrial, agricultural, and marine end users. Adjusting screws ensure fine adjustments for precise gripping.

Stock No.	Description	A	B
BLP5	Curved Jaw	1.125 (28)	5 (127)
BLP7	Curved Jaw	1.625 (41)	7 (178)
BLP10	Curved Jaw	1.875 (48)	10 (254)
BLP6LN	Long Nose	2.25 (57)	6 (152)

BLP404 Locking Pliers Set. Includes BLP5, BLP7 and BLP10 Curved Jaw Pliers plus BLP6LN Long Nose Pliers (4 pcs) in kit bag.



Locking Pliers/Soft Grip

Locking pliers deliver performance where it's needed most. Made from high grade, heat treated steel alloys, the hardened precision ground jaws "lock" onto work pieces that are tough to hold. Chrome plated for long life and durability, these hand tools represent exceptional value for automotive, industrial, agricultural, and marine end users. Adjusting screws ensure fine adjustments for precise gripping. With increased comfort and leverage, the soft grip series reduces hand fatigue while resisting damage from oil and grease.

Stock No.	Description	A	B
BSGLP5	Curved Jaw	1.125 (28)	5 (127)
BSGLP7	Curved Jaw	1.625 (41)	7 (178)
BSGLP10	Curved Jaw	1.875 (48)	10 (254)
BSGLP6LN	Long Nose	2.25 (57)	6 (152)

BSGLP404 Locking Pliers Set. Includes BSGLP5, BSGLP7 and BSGLP10 Curved Jaw Pliers plus BSGLP6LN Long Nose Pliers (4 pcs) in kit bag.



WARNING

- Plastic coated handle does not protect from electrical shock.
- Read additional safety precautions on pages 534 to 537.



Pliers Locking Clamps / Welding Clamps and Pliers



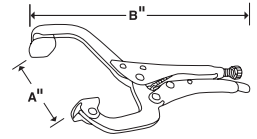
VGP12406

Quick and easy handling clamps for autobody and metal fabrication applications.



VGP22412

Swivel pads allow parallel clamping while preventing denting or gouging on delicate surfaces.



VGP13420

Wide profile with perforated jaws allow clamping around large objects with uniform tension distribution.



VGP14412

Lightweight aluminum jaw will not bend or distort body panels. Welding pellets will not adhere to jaw.

Locking Clamps

	A	B
<i>C-Clamps / Standard Tip</i>		
VGP12406	2 5/16 (60)	6 (165)
VGP12412	3 15/16 (100)	12 (300)
VGP12418	10 1/4 (260)	18 (460)
VGP12424	15 11/16 (400)	24 (630)
<i>C-Clamp / Swivel Tip</i>		
VGP22406	1 5/16 (50)	6 (165)
VGP22412	3 15/16 (100)	12 (300)
VGP22418	9 7/16 (240)	18 (460)
VGP22424	15 11/16 (400)	24 (630)
<i>C-Clamps / Long Reach</i>		
VGP13420	10 5/8 (270)	20 (500)
<i>C-Clamp / Aluminum Alloy</i>		
VGP14412	3 1/2 (90)	12 (300)
<i>U-Clamps</i>		
VGP12509	2 5/16 (60)	9 (200)
<i>Self Leveling Jaws</i>		
VGP23312	3 15/16 (100)	12 (300)
<i>Sheet Metal</i>		
VGP12808	1 3/4 (45)	8 (200)
<i>Locking Pliers / Plugweld</i>		
VGP13709	1 9/16 (40)	9 (235)



VGP12509

U-shaped jaws allow access and perfect visibility when welding.



VGP23312

Swivel pads and narrow jaw profile firmly grip tapered surfaces in areas where C-clamps cannot fit.

VGP104 Autobody/Welding Locking Pliers Set.

Includes VGP23312 Self Leveling Jaws Pliers, VGP13709 Plugweld Pliers plus VGP14412 and VGP12406 C-Clamp Pliers (4 pcs) in kit bag.



VGP104



VGP12808

Wide jaws allow clamping, bending, forming and crimping of sheet metal without gripping effort.



VGP13709

Copper alloy knurled pad prevents burn thru when plugwelding thin sheet metal.

Retaining Ring

Fixed Tip / Convertible

Unique dial feature on all "PRH" Series Snap Ring Pliers eliminates the need to take apart pliers when changing from internal to external.

	A	B	C	D
PRH12	5 3/4	1/8 - 1	18°	.038
PRH32	6	5/16 - 1 3/8	18°	.047
PRH34	7 1/2	7/16 - 2	18°	.070
PRH129	5 3/4	1/8 - 1	90°	.038
PRH329	5 7/8	5/16 - 1 3/8	90°	.047
PRH349	7 1/2	7/16 - 2	90°	.070

ASME/ANSI B107.19-1993

PRH406 Convertible Retaining Ring Pliers Set.

PRH12, PRH32, PRH34, PRH129, PRH329, and PRH349 (6 pcs) in a storage case.



PRH406



PRH34

Retaining Ring Pliers

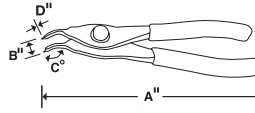
Fixed Tip - Convertible / Forged

	A	B	C	D
SRPC3800	6 7/16	1/8-1	0°	.038
SRPC4700	6 7/16	3/16-1 3/8	0°	.047
SRPC7000	7 7/16	7/16-2	0°	.070
SRPC9000A	8 3/4	1 1/2-3 1/2	0°	.090
SRPC3845	6 7/16	1/8-1	45°	.038
SRPC4745	6 7/16	3/16-1 3/8	45°	.047
SRPC7045	7 7/16	7/16-2	45°	.070
SRPC9045A	8 3/4	1 1/2-3 1/2	45°	.090
SRPC3890	6 7/16	1/8-1	90°	.038
SRPC4790	6 1/2	3/16-1 3/8	90°	.047
SRPC7090	7 1/2	7/16-2	90°	.070
SRPC9090A	8 3/4	1 1/2-3 1/2	90°	.090

ASME/ANSI B107.19-1993

SRPC112 Set. SRPC3800 thru SRPC9090A (12 pcs) in a storage case.

SRPC105 Set. Includes SRPC3800, SRPC4700, SRPC7000, SRPC3890 and SRPC7090A (5 pcs) in a storage case.



SRPC4700



SRPC3845



SRPC3890



SRPC112



SRPC105



PR36



PR54



PR50A



PRH502



PRH57

Interchangeable Tip

	Internal Pliers	External Pliers	A	B	Tip Sizes Included	Tip Kit	Optional Tips
PR36	PR37*	PR38*	6 1/4	Internal 3/8 - 2 External 1/4 - 2	2 pair each: .039" 90°, .047" 0°, .047" 45°, .070" 0° None	PR5	—
PRH502	PRH56 Convertible		6 3/8	Internal 1/4 - 1; External 1/8 - 1	1 pair each: (0°) .023", .036", .047", (90°) .023", .036"	—	—
	PRH57 Convertible		8	Internal 3/8 - 2; External 1/4 - 2	1 pair each: (0°) .036", .047", .070", (90°) .036", .047"	—	PRH502-1
	PRC65 Convertible	—	10	Internal 1 13/64 - 4; External 1 1/3 - 4	2 pair each: .090" 15°, .108" 15°, .120" 15° 1 pair each (15° and 90°): .090", .108", .120"	PRC65-1	—
PR50A	PR51	PR52	9 1/2	Internal 2 7/16 - 4 External 1 1/2-3 11/32	.108" 15°, .108" 45° .120" 45°, .120" 90°	PR502, PR503 PR507, PR508 PR7-1	— —
—	PR7	PR8	15 11/16	3 1/16 - 6 1/4	.120" 0°	—	PR7-2, PR7-3
—	PR54	—	29	6 1/2 - 10	PR54-1 .150" 0°	—	PR54-2, PR54-3
—	—	PR53	19	6 1/2 - 10	.170" 0°	PR53-1	PR53-2, PR53-3

*PR37 and PR38 Pliers do not include tips. PR5 Tip Kit required for usage.

PRH502 Convertible Retaining Ring Pliers Set. Set includes PRH56 and PRH57 Retaining Ring Pliers in foam tray and storage case.

See individual pliers specifications for included tip sizes.



WARNING

• Read additional safety precautions on pages 534 to 537.



Pliers Pliers and Cutters



BDGAWP100



BDG48CP



BDG98CP



BDG9845CP



BDG57CP



BDG88CP



Pliers and Cutters / Dipped Grips

Stock No.	Description	Jaw Length, inches	Length, inches
BDGAWP100	Adjustable Joint Pliers	1 3/4"	10"
BDG48CP	Slip Joint Pliers	1 27/32"	8"
BDG98CP	Long Needle Nose Pliers	3"	8"
BDG9845CP	45° Bent Needle Nose Pliers	2 13/16"	7 3/4"
BDG57CP	Lineman's	1 1/4"	7 1/2"
BDGEC7	End Cutter	7/16"	7"
BDG86CP	Diagonal Cutter	2 1/32"	6 1/2"
BDG88CP	Diagonal Cutter	1 5/16"	8 1/8"

BDGPL800 Pliers/Cutters Set. Includes BDGAWP100 Adjustable Joint Pliers, BDG48CP Slip Joint Pliers, BDG98CP and BDG9845CP Needle Nose Pliers, BDG57CP Lineman's Pliers, BDG86CP and BDG88CP Diagonal Cutters plus BDGEC7 End Cutters (8 pcs) in storage tray.



All BDG Series Pliers and Cutters



BDGEC7



BDG86CP



Pliers and Cutters (High Leverage)

Stock No.	Description	Jaw Length, inches	Length, inches
BHL58HLP	High Leverage Lineman Pliers	-	8"
BHL98CP	High Leverage Long Nose Pliers	-	8"
BHL88CP	High Leverage Diagonal Cutter	-	8"

BPLHL301 High Leverage Pliers/Cutters Set. Includes BHL98CP, BHL58HLP and BHL88CP (3 pcs) in a storage tray.



BHL58HLP



BHL98CP



BHL88CP



Heavy Duty Bolt Cutters

Drop forged, alloy steel jaws are precision ground to provide a long lasting cutting edge. Lightweight, tubular steel handles deliver extra leverage for tough jobs. Comfortable, heavy duty grips resist slippage.



BLPBC18



BLPBC30

	Capacity (Soft), Inches (mm)	Capacity (Hard), Inches (mm)	Length, inches	Weight, lbs. (kg)	Replacement Jaw Assembly
BLPBC18	3/8 (10)	1/4 (6)	18	3.4 (1.55)	BLPBC18-1
BLPBC24	7/16 (11)	5/16 (8)	24	5.6 (2.55)	BLPBC24-1
BLPBC30	1/2 (13)	3/8 (10)	30	8.6 (3.9)	BLPBC30-1
BLPBC36	9/16 (14)	7/16 (11)	36	14.2 (6.45)	BLPBC36-1

Pliers and Cutters **Pliers**



Pliers and Cutters

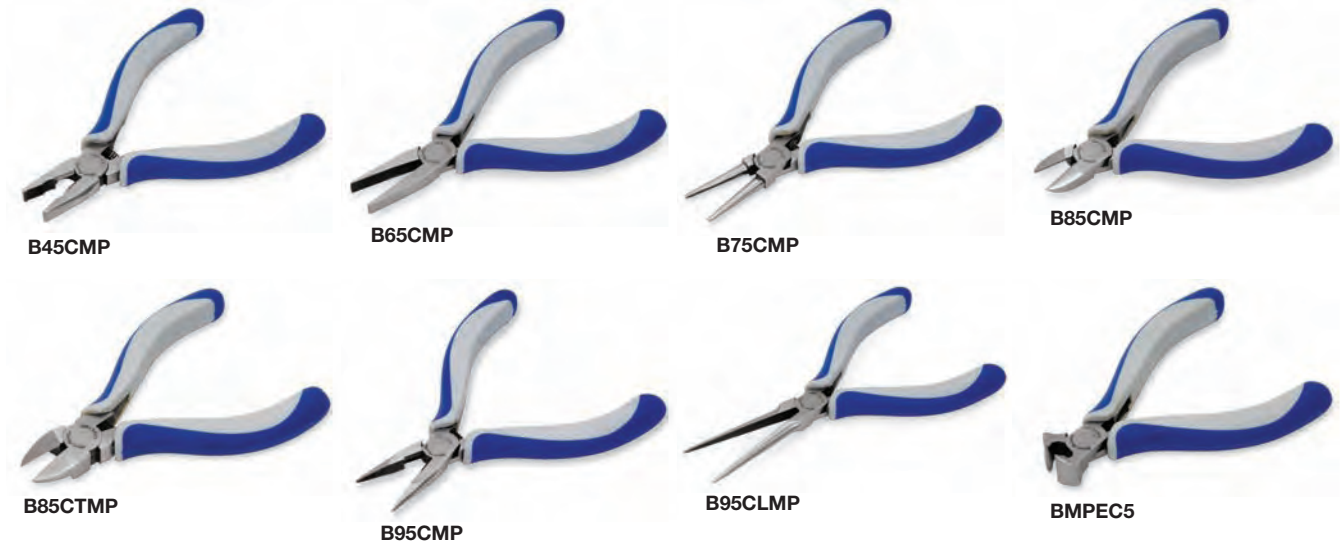
Stock No.	Description	Jaw Length, inches	Length, inches
B48CP	Slip Joint Pliers	2 ³ / ₃₂ "	8 ¹³ / ₃₂ "
B58HLP	Lineman's Pliers	1 ¹ / ₂ "	8 ³¹ / ₃₂ "
B96CP	Needle Nose Pliers	2 ¹ / ₃₂ "	6 ⁹ / ₁₆ "
BAWP100	Adjustable Joint Pliers	1 ³ / ₈ "	10 ⁵ / ₃₂ "
B87CP	Diagonal Cutters	3 ¹ / ₃₂ "	6 ¹⁹ / ₃₂ "

BPL501 Pliers/Cutters Set. B48CP, B58HLP, B87CP, B96CP and BAWP100 (5 pcs.) in storage tray.

Long Reach Compound Joint

Stock No.	Description	Jaw Length, inches	Length, inches
913DJBCP	45° Bent Nose	2 ⁵ / ₈ "	12 ³ / ₄ "
913DJCP	Needle Nose	2 ³ / ₄ "	13"
613DJCP	Duck Bill	1 ¹ / ₂ "	12 ⁵ / ₈ "

303DJCP Compound Joint Pliers Set. 913DJBCP, 913DJCP and 613DJCP (3 pcs.) in storage tray.



Miniature Pliers and Cutters

Stock No.	Description	Jaw Length, inches	Length, inches
B45CMP	Combination Pliers	1"	4 ¹¹ / ₁₆ "
B65CMP	Duck Bill Pliers	1 ⁵ / ₃₂ "	4 ⁷ / ₈ "
B75CMP	Round Nose Pliers	1 ⁵ / ₃₂ "	5"
B85CMP	Diagonal Cutter	2 ¹ / ₃₂ "	4 ¹¹ / ₃₂ "
B85CTMP	Thin Diagonal Cutter	2 ³ / ₃₂ "	4 ⁵ / ₈ "
B945CMP	45° Bent Nose Pliers	1"	4 ¹¹ / ₁₆ "
B95CMP	Long Nose Pliers	1 ¹ / ₈ "	4 ⁷ / ₈ "
B95CLMP	Long Needle Nose Pliers	2 ¹ / ₁₆ "	5 ²⁵ / ₃₂ "
B960CMP	60° Bent Nose Pliers	1 ⁵ / ₁₆ "	4 ¹¹ / ₁₆ "
BMPEC5	End Cutter	5 ¹ / ₁₆ "	4 ¹ / ₃₂ "

BMPL1000 Miniature Pliers and Cutters Set. B45CMP, B65CMP, B75CMP, B85CMP, B85CTMP, B945CMP, B95CLMP, B95CMP, B960CMP and BMPEC5 (10 pcs.)



WARNING

- Plastic coated handle does not protect from electrical shock.
- Read additional safety precautions on pages 534 to 537.



Electrical / Electronic Service

Snap-on® manufactured pliers with plastisol or cushion grip handles meet the electrostatic discharge (ESD) specifications in MIL-B-81705B, IS-5, and NFPA-56A.

Electronic Service Pliers

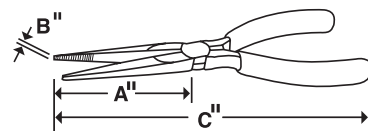
All Models on pages 236-237 feature jaw opening springs. Cutter models have a small hole at the base of the blades to relieve pressure on the cutting edges. Innovative cushion grip handles result in a very comfortable, yet durable handle grip.



Needle Nose Pliers

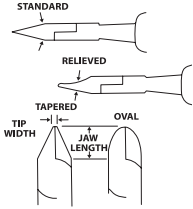


		A	B	C
E700BCG	Round Wire Looper Jaws Taper from $\frac{3}{16}$ " to $\frac{1}{32}$ "	1	$\frac{1}{16}$	$6\frac{1}{8}$
E703BCG	Long Serrated Jaws	$2\frac{3}{16}$	$\frac{1}{16}$	$6\frac{9}{16}$
E704BCG	Angled (45°) Serrated Jaws	$2\frac{1}{4}$	$\frac{1}{16}$	$6\frac{5}{8}$
E708BCG	Short Non-Serrated Jaws	$\frac{13}{16}$	$\frac{1}{16}$	$5\frac{15}{16}$
E712BCG	Serrated Jaws	$1\frac{11}{16}$	$\frac{1}{16}$	$6\frac{1}{8}$
E713BCG	Short Serrated Jaws	$\frac{7}{8}$	$\frac{1}{16}$	$4\frac{5}{8}$
E715BCG	Extra Slim Serrated Jaws	$1\frac{3}{16}$	$\frac{1}{16}$	$5\frac{1}{8}$
E718BCG	Curved (70°) Serrated Jaws	$1\frac{1}{8}$	$\frac{1}{16}$	$5\frac{9}{16}$
E721BCG	Extra Slim Non Serrated Jaws	$1\frac{23}{32}$	$\frac{1}{16}$	$6\frac{7}{8}$
E770BCG	Needle Thin Serrated Jaws	$1\frac{1}{8}$	$\frac{1}{32}$	5
E790BCG	Flat Nose Non Serrated Jaws	1	$\frac{1}{16}$	$6\frac{1}{8}$



Pliers in this chart use the E74X1 Coil Replacement Spring

Cutters Electrical / Electronic Service

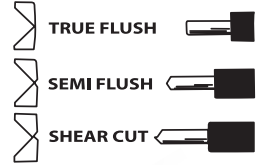


Head Shapes - Always select a cutter with the largest head that will meet your requirement. The oval head design has more material behind the cutting edges and gives the longest tool life.

True Flush ground blades cut wire ends flat and allow protruding wire ends to be trimmed flush.

Semi Flush ground blades cut slightly pointed wire ends and can be used where an exact flush cut is not required.

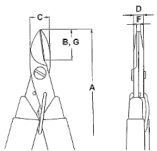
Shear Cut ground blades (on standard cutters) are designed for general cutting with less hand pressure and extended blade life.



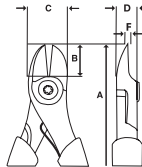
Cutters

	Cut	Head Style	Cutting Capacity	Tip Width, inches	Cutting Edge Length, inches	Length, inches
E706BCG	True Flush	End Cut	AWG #19	1/16	1/4	6 1/4
E707BCG	True Flush	Tapered	AWG #17	1/16	7/16	4 3/8
E709BCG	True Flush	Tapered	AWG #17	1/16	7/16	4 7/16
E710BCG	True Flush	Tapered	AWG #12	3/32	1 1/16	5 3/16
E711BCG	Semi Flush	Tapered	AWG #16	3/16	7/16	5 3/4
E719BCG	True Flush	Tapered	AWG #17	1/16	7/16	6 3/8
E740BCG	True Flush	Oval	AWG #16	1/16	7/16	5 3/4
E742BCG	True Flush	Oval	AWG #16	1/16	7/16	5 3/4

These cutters use the E74X1 Replacement Spring



EPC600



EPC160

The unique jaw design of the EPC160 makes it ideal for cutting plastic, rubber and vinyl. Do not cut plastic, rubber or vinyl with cutters designed to cut metal as the blades are not intended to cut softer materials and can be irreparably damaged.

Special Application

Pliers are manufactured from 1% carbon/chrome ball bearing steel that provides strength without brittleness. Forged components allow the grain structure to follow the profile of the blank to maximize tool strength. Precision adjustable screw joint minimizes friction and maximizes alignment of cutting edges. Jaws are CNC machined to hold precision tolerances. Precision hardened cutting edge. Jaw opening spring keeps the tool in the "ready-to-work" position.

		A	B	C	D	F
EPC160	Plastic and Cable Cutter Shears	6.3 (160)	0.7 (18)	0.85 (21.5)	0.39 (10)	0.059 (1.5)
EPC600		5.7 (145.0)	1.1 (29.0)	0.50 (12.7)	0.2 (6.4)	0.070 (2.2)



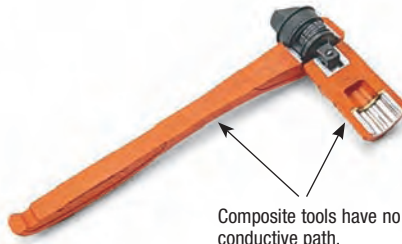
- Plastic coated handle does not protect from electrical shock.
- Read additional safety precautions on pages 534 to 537.



Electrical / Electronic Service Non-Conductive Composite

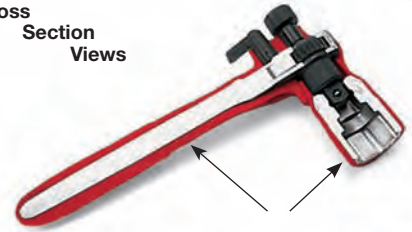
Snap-on® non-conductive composite tools feature:

- No conductive path to user
- No insulation to puncture, tear or wear through
- Strong as steel
- Every tool is individually tested to ensure protection up to 1000VAC and 1500VDC
- Only Snap-on® non-conductive tools are UL Classified assuring the customer compliance to IEC60900. This means UL inspects and audits to ensure complete compliance with IEC60900
- Lifetime warranty for material and workmanship

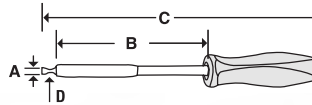


Composite tools have no conductive path.

Cross Section Views



Insulated tools are coated steel and have a conductive metal path.



Flat Tip Screwdrivers (Soft Grip Handle)

Slim tip design accesses fasteners in tight areas faster and easier. No conductive path to user. No insulation to puncture, tear or wear through. Strong as steel - exceeds all ANSI, ISO and ASME strength and performance requirements for standard steel tools. Every tool is individually tested to ensure protection up to 1000VAC and 1500VDC. Only Snap-on® non-conductive tools are UL Classified assuring the customer compliance to IEC60900. This means UL inspects and audits to ensure complete compliance with IEC60900. Lifetime warranty for material and workmanship. U.S. Patent 6,655,240 B1 applies.



	A	B	C
CNSGDF66	3/16	6 (152)	11 1/2 (292)
CNSGDF68	1/4	6 (152)	11 1/2 (292)
CNSGDF69	9/32	6 (152)	11 1/2 (292)

CNSGDX60 Slim Tip Composite Combination Screwdriver Set.

Includes flat tip drivers CNSGDF66, CNSGDF68 and CNSGDF69 plus PHILLIPS® tip drivers CNSGDP61, CNSGDP62 and CNSGDP63 (6 pcs) (3/16" to 9/32" and #1 to #3) in Kit Bag.



CNSGDX60

PHIL LIPS® Tip Screwdrivers (Soft Grip Handle)

Slim tip design accesses fasteners in tight areas faster and easier. No conductive path to user. No insulation to puncture, tear or wear through. Strong as steel - exceeds all ANSI, ISO and ASME strength and performance requirements for standard steel tools. Every tool is individually tested to ensure protection up to 1000VAC and 1500VDC. Only Snap-on® non-conductive tools are UL Classified assuring the customer compliance to IEC60900. This means UL inspects and audits to ensure complete compliance with IEC60900. Lifetime warranty for material and workmanship. U.S. Patent 6,655,240 B1 applies.



	A	B	C
CNSGDP61	#1	6 (152)	11 1/2 (292)
CNSGDP62	#2	6 (152)	11 1/2 (292)
CNSGDP63	#3	6 (152)	11 1/2 (292)

CNSGDX60 Slim Tip Composite Combination Screwdriver Set.

Includes flat tip drivers CNSGDF66, CNSGDF68 and CNSGDF69 plus PHILLIPS® tip drivers CNSGDP61, CNSGDP62 and CNSGDP63 (6 pcs) (3/16" to 9/32" and #1 to #3) in Kit Bag.

Screw Starters and Screwdriver Shanks

No conductive path to user. No insulation to puncture, tear or wear through. Strong as steel. Every tool is individually tested to ensure protection up to 1000VAC and 1500VDC. Only Snap-on® non-conductive tools are UL Classified assuring the customer compliance to IEC60900. This means UL inspects and audits to ensure complete compliance with IEC60900. Lifetime warranty for material and workmanship.



	Handle Type	A	B	C	D
CSSC9	Composite*	9/32	Flat Tip/ PHILLIPS®	.032" x 9/32", #2	9
SGDMRC4-C6	Composite Magnetic Bit Holder	3/8	—	—	7 1/4

*Rated shock resistant up to 1000V.



IHTS6

Flat Tip Screwdrivers (Screwdriver Handle)

No conductive path to user. No insulation to puncture, tear or wear through. Strong as steel. Every tool is individually tested to ensure protection up to 1000VAC and 1500VDC. Only Snap-on® non-conductive tools are UL Classified assuring the customer compliance to IEC60900. This means UL inspects and audits to ensure complete compliance with IEC60900. Lifetime warranty for material and workmanship. U.S. Patent 5,259,277 applies.



	A	B	C	D
IHTS3	3/16	3 1/4	8 3/16	IHTS65
IHTS37	7/32	3 1/4	8 3/16	IHTS375
IHTS38	1/4	3 1/4	8 3/16	IHTS685
IHTS6	1/4	6	11	IHTS685
IHTS610	5/16	6	11	IHTS6105
IHTS9	5/16	9	14	IHTS6105
IHTS912	3/8	9	14	IHTS9125

IHT60K Non-Conductive Composite Combination Screwdriver Set.

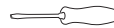
Includes flat tip drivers IHTS3, IHTS6, and IHTS9 plus PHILLIPS® tip drivers IHTP31, IHTP62 and IHTP63 (6 pcs) (3/16" to 5/16" and #1 to #3) in C0612A Kit Bag.



IHTP62

PHIL LIPS® Tip Screwdrivers (Screwdriver Handle)

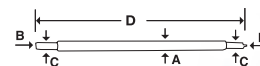
No conductive path to user. No insulation to puncture, tear or wear through. Strong as steel. Every tool is individually tested to ensure protection up to 1000VAC and 1500VDC. Only Snap-on® non-conductive tools are UL Classified assuring the customer compliance to IEC60900. This means UL inspects and audits to ensure complete compliance with IEC60900. Lifetime warranty for material and workmanship. U.S. Patent 5,259,277 applies.



	A	B	C	D
IHTP31	#1	3 1/4	8 3/16	IHTP315
IHTP62	#2	6	11	IHTP625
IHTP63	#3	6	11	IHTP635

IHT60K Non-Conductive Composite Combination Screwdriver Set.

Includes flat tip drivers IHTS3, IHTS6, and IHTS9 plus PHILLIPS® tip drivers IHTP31, IHTP62 and IHTP63 (6 pcs) (3/16" to 5/16" and #1 to #3) in C0612A Kit Bag.



CSSC9



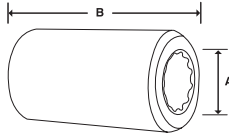
SGDMRC4-C6

Non-Conductive Composite

Electrical / Electronic Service



CFDS16B



207CFDSY



IHT208K



CFDSM15B

Non-Conductive Composite Sockets

No conductive path to user. No insulation to puncture, tear or wear through. Strong as steel. Every tool is individually tested to ensure protection up to 1000VAC and 1500VDC. Only Snap-on® non-conductive tools are UL Classified assuring the customer compliance to IEC60900. This means UL inspects and audits to ensure complete compliance with IEC60900. Lifetime warranty for material and workmanship.

12-Point Sockets 3/8" Square Drive

Size	Part No.	A	B
1/4	CFDS8B	15/16	1 3/4
5/16	CFDS10B	15/16	1 3/4
3/8	CFDS12B	1	1 3/4
7/16	CFDS14B	1	1 3/4
1/2	CFDS16B	1 3/16	2
9/16	CFDS18B	1 3/16	2
5/8	CFDS20B	1 3/16	2
11/16	CFDS22B	1 3/8	2 1/4
3/4	CFDS24B	1 3/8	2 1/4

12-Point Sockets 3/8" Square Drive

mm	Part No.	A	B
10	CFDSM10B	25.1	44.9
12	CFDSM12B	29.6	51.2
13	CFDSM13B	29.6	51.2
14	CFDSM14B	29.6	51.2
15	CFDSM15B	29.6	51.2
16	CFDSM16B	33.5	57.4
17	CFDSM17B	33.5	57.4
18	CFDSM18B	33.5	57.4
19	CFDSM19B	33.5	57.4

207CFDSY Non-Conductive Composite Socket Set. CFDS12B thru CFDS24B Sockets (3/8" to 3/4") (8 pcs) with socket rail and clips.

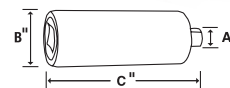
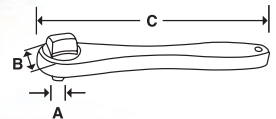
IHT208K Non-Conductive Composite Ratchet and Socket Set. CFDS12B thru CFDS24B Sockets (3/8" to 3/4") (8 pcs) plus CFS949A Ratchet in CO800 Kit Bag.



CSN24B



CFS949A



CFX6

Breaker Bars

Features the comfort and control of a Snap-on® screwdriver style handle. UL Classified. Each tool is individually tested to ensure protection up to 1000VAC and 1500VDC. Meets IEC 60900 and ASTM 1505 standards for insulating hand tools. Exceeds ASME/ANSI B107.10M strength requirements for standard steel tools.

Part No.	A	B	C
CSN24B	1 1/8	24 1/2	1

Ratchets and Extensions

No conductive path to user. No insulation to puncture, tear or wear through. Strong as steel. Every tool is individually tested to ensure protection up to 1000VAC and 1500VDC. Only Snap-on® non-conductive tools are UL Classified assuring the customer compliance to IEC60900. This means UL inspects and audits to ensure complete compliance with IEC60900. Lifetime warranty for material and workmanship.

Part No.	A	B	C
Ratchets			
CFS949A	3/8	1 19/32	8 3/4
CSS949A	1/2	1 19/32	8 3/4

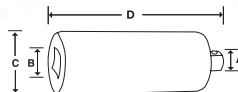
Part No.	A	B	C
Extensions			
CFX3	3/8	.990	3
CFX6	3/8	2	6
CFX12	3/8	2	12
CSX5	1/2	1 5/16	5 21/32
CSX10	1/2	1 5/16	10 21/32



CFSSB8



CA1MF



Adaptors

No conductive path to user. No insulation to puncture, tear or wear through. Strong as steel. Every tool is individually tested to ensure protection up to 1000VAC and 1500VDC. Only Snap-on® non-conductive tools are UL Classified assuring the customer compliance to IEC60900. This means UL inspects and audits to ensure complete compliance with IEC60900. Lifetime warranty for material and workmanship.

Part No.	Size	A	B	C	D
CA1MF	1/2" Square Drive Adaptor	3/8	1/2	1 5/16	3 25/32
CA2A	3/8" Square Drive Adaptor	1/2	3/8	1	3 7/8

CFSSB8 Non-Conductive Composite Universal Bit Socket.

Composite (insulating) universal bit socket for holding 1/4" bits. 3/8" square drive, 1" O.D., 1 3/4" long.

WARNING

- Disconnect power source whenever possible.
- Do not use damaged tool.
- Be properly trained.
- Misuse, shock, or broken tool can cause injury.
- Do not use power tools or accessories with impact drivers.
- Discard tools with broken insulation.
- Read additional safety precautions on pages 534 to 537.

Electrical / Electronic Service Non-Conductive Composite

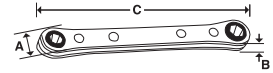
Ratcheting Box Wrenches

UL Classified. Each tool is individually tested to ensure protection up to 1000VAC and 1500VDC. Meets IEC 60900 and ASTM 1505 standards for insulating hand tools. Exceeds ASME/ANSI B107.10M strength requirements for standard steel tools.

		Finish	A	B	C
CRB1824	9/16-3/4	Composite	1 9/16-1 13/16	5/8-5/8	9 1/16



CRB1824




COE18



COEH

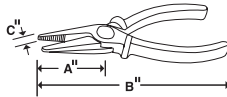
Open End Wrenches

Each tool is individually tested to ensure protection up to 1000VAC and 1500VDC. Meets IEC 60900 and ASTM 1505 standards for insulating hand tools. Exceeds ASME/ANSI B107.10M strength requirements for standard steel tools. UL Classified.

		Head Dia., inches	Head Depth, inches
COE12	3/8	25/32	5/32
COE14	7/16	29/32	5/32
COE16	1/2	1 1/16	5/32
COE18	9/16	1 1/16	5/32
COE20	5/8	1 5/16	5/32
COE22	1 1/16	1 7/16	5/32
COE24	3/4	1 19/32	5/32
COE26	13/16	1 23/32	3/8
COE28	7/8	1 23/32	3/8

COEH Non-Conductive Composite Handle. Use with COE Series interchangeable ball detent wrench heads only. DO NOT use handle with QJO Series Torque Wrench Heads with locking pin design. Features the comfort and control of a Snap-on® screwdriver style handle. Shank diameter of 1", overall length of 10 3/4".

Non-conductive needle nose pliers feature all composite jaw and handle. Spring loaded joint returns pliers to comfortable working position. Durable jaw teeth aid in gripping and twisting. Integral thumb guard for user protection. Each tool is individually tested to ensure protection up to 1000VAC and 1500VDC. Only Snap-on® non-conductive tools are UL Classified assuring the customer compliance to IEC60900. This means UL inspects and audits to ensure complete compliance with IEC60900. Lifetime warranty for material and workmanship.



Pliers



		A	B	C
C97CP	Needle Nose Pliers	2	8 1/2	5/32
C59AHLF	Lineman's Pliers	1 13/32	10	—



C97CP



C59AHLF

Soldering

Guns

R450B Soldering Kit. Three different tip and element configurations provide maximum flexibility from delicate electronic soldering to larger, heavy duty applications in automotive maintenance. Includes 200W/450W, 100W/200W, and 25W/120W tips. Other features include a slim, single post design for ease of use in confined work areas, fast heat up, built-in spotlight to illuminate the work area, roll of rosin core solder and polarized plug. UL Listed. 120V, 60 Hz.

R460B 25/350W Soldering Kit. Dual heat soldering gun heats up to a working temperature in less than 6 seconds while using less power to maintain constant tip temperature. Includes 200/350W, 100/200W and 25/100W looped tip solder tips for maximum flexibility. Packed in storage case with roll of rosin core solder. UL Listed. 120V, 60 Hz.

R490 Soldering Gun (150/400W). Use in industry, repair shops and maintenance departments. Features a dual heat element that provides instant heat and maintains tip temperature at 1000°F or more for continuous work. Lightweight and balanced for less hand fatigue. No heavy transformer to move around. Built-in work-light illuminates work area. Tip and elements plug in and are easily replaced. 56" cord length. UL Listed. Includes storage case. 120V, 60 Hz.

R490400 Replacement Soldering Tip. 1/4" Replacement Tip for R490.
R490500 Optional Soldering Tip. 1/2" Optional Replacement Tip for R490. 1,070°F maximum tip temperature.



R450B



R460B



R490



R60B

Stations

R60B (60W) Soldering Station. Includes low voltage, temperature controlled soldering pencil that features a heat shield, a non-burnable silicone rubber cord, and a plug-in tip design. Transformer powered. 700°F. 1/16" screwdriver tip included. 120V, 60 Hz. Optional 700°F Tips for R60B or RH60B.

Soldering Electrical / Electronic Service



Blue-PointTM

YAKS32

Butane Soldering Iron Kit (25 to 125 Watts)

YAKS32 Butane Soldering Iron Kit. Includes YAS32 Butane Soldering Iron, 8 tips, wire stand, cleaning sponge and cup plus instructions in storage case. Optional tips are available.

Components for YAKS32:

Stock No.	Description	Size, inches (mm)
YAS32	Butane Soldering Iron	—
YAKS1-2	Single Flat Solder Tip	3/32" (2.4mm)
YAKS1-5	Double Flat Solder Tip	1/32" (1.0mm)
YAKS1-6	Double Flat Solder Tip	3/32" (2.4mm)
YAKS1-7	Double Flat Solder Tip	1/8" (3.2mm)
YAKS1-8	Double Flat Solder Tip	3/16" (4.8mm)
YAKS1-9	Hot Air Blower Tip	—
YAKS1-10	Hot Knife Tip	—
YAKS1-11	Storage Case	—
YAKS1-12	Hot Air Deflector Tip	—
YAKS1-14	Instructions	—
YAKS1-15	Wire Stand	—
YAKS10-9	Cleaning Sponge and Cup	—

YAS32 Butane Soldering Iron. Adjustable power range from 25 to 125 watts. Produces a tip temperature of 1,076°F (580°C). Push button ignition starts 40 second heat up time. Fuel supply lasts up to 90 minutes. Refill in 10 seconds. Includes cut off switch. User repairable.

Optional Tips for YAS32. Not included in YAKS32 Kit.

- YAKS1-1 Single Face Solder Tip.** 1/32" (1.0mm).
- YAKS1-3 Single Face Solder Tip.** 1/8" (3.2mm).
- YAKS1-4 Single Face Solder Tip.** 3/16" (4.8mm).
- YAKS113 Hot Air Blower Deflector Tip.**



Irons

R40B Industrial Soldering Kit. 40 watt solder iron is ideal for larger solder jobs like battery terminal cables or radiator repair. Threaded tips offer improved heat exchange compared to set screw types. Application of a graphite lubricant to tip thread before heating will facilitate tip changing. Solder iron features a heat deflection shield, 4 3/4" long handle, 8 1/2" overall length and 8' power cord. Includes pointed, chisel and fine tips plus 1/2 oz. of lead free rosin core solder and holder. UL Listed in U.S. and Canada. 120V, 60 Hz.

R25A Industrial Soldering Kit. A lightweight 25 watt pencil style kit for fine soldering applications such as fine wiring and electronics. Threaded tips offer improved heat exchange compared to set screw types. Application of a graphite lubricant to tip thread before heating will facilitate tip changing. Solder iron features a heat deflection shield, 4 3/4" long handle, 8 1/2" overall length and 8' power cord. Includes pointed, chisel and fine tips plus 1/2 oz. of lead free rosin core solder and holder. UL Listed in U.S. and Canada. 120V, 60 Hz.

R100B Rechargeable Soldering Iron. Solders up to 100 joints per charge. Tip heat of 700°F is attainable in about 6 seconds. Comes with built-in charging unit and worklight. Nickel/Cadmium battery recharges overnight. UL Listed. 120V, 60 Hz.



Blue-PointTM

YAKS22

Butane Soldering Iron Kit (15 to 75 Watts)

YAKS22 Butane Soldering Iron Kit. Includes YAS22 Butane Soldering Iron, 7 tips, wire stand cleaning sponge and cup plus instructions in storage case. Optional tips are available.

Components for YAKS22:

Stock No.	Description	Size, inches (mm)
YAS22	Butane Soldering Iron	—
YAKS225	Double Flat Solder Tip	1/32" (1.0mm)
YAKS226	Double Flat Solder Tip	3/32" (2.4mm)
YAKS227	Double Flat Solder Tip	1/8" (3.2mm)
YAKS228	Double Flat Solder Tip	3/16" (4.8mm)
YAKS229	Hot Air Blower Tip	—
YAKS2210	Hot Knife Tip	—
YAKS2211	Hot Air Deflector	—
YAKS2212	Flame Tip	—
YAKS2214	Instruction Sheet	—
YAKS2215	Storage Case	—
YAK10-8	Wire Stand	—
YAK10-9	Cleaning Sponge and Cup	—

YAS22 Self Igniting Cordless Butane Soldering Iron/Heat Tool. Adjustable power range from 15 to 75 watts. Produces a tip temperature of 1,076°F (580°C). Push button ignition starts 40 second heat up time. Fuel supply lasts up to 45 minutes. Refill in 10 seconds. Includes cut off switch.

Optional Tips for YAS22. Not included in YAKS22 Kit.

- YAKS221 Single Flat Tip.** 1/32" (1.0mm).
- YAKS222 Single Flat Tip.** 3/32" (2.4mm).
- YAKS223 Single Flat Tip.** 1/8" (3.2mm).
- YAKS224 Single Flat Tip.** 3/16" (4.8mm).
- YAKS2213 Hot Air Tip w/Deflector.**



Blue-PointTM

YAKS300

Butane Soldering Iron Kit (50 Watts)

YAKS300 Butane Soldering Iron Kit. Includes YAS300 Butane Soldering Iron, 4 tips, wire stand, cleaning sponge and cup plus instructions in storage case.

Stock No.	Description	Size, inches (mm)
YAS300	Butane Soldering Iron	—
YAKS3001	Heater Element	—
YAKS3002	Fine Solder Tip	—
YAKS3003	Chisel Solder Tip	3/32" (3.2mm)
YAKS3004	Double Flat Solder Tip	3/16" (4.8mm)
YAKS3005	Hot Knife Tip	—
YAKS3006	Instructions	—
YAK10-8	Hot Iron Stand	—
YAK10-9	Metal Sponge Cup	—
YAK10-10	Storage Case	—

YAS300 Cordless Butane Soldering Iron/Heat Tool. Power range of 50 watts. Produces a tip temperature of 700°F (375°C). Replaceable flint ignition starts a 40 second heat up time. Fuel supply lasts up to 60 minutes and is refillable in 10 seconds. Heating element, screw in replacement tips and spark flint are easily replaced.



WARNING

- Do not store butane at temperatures above 120° F.
- Hold butane away from body and face while igniting.
- Read additional safety precautions on pages 534 to 537.



Electrical / Electronic Service Soldering

Miniature Butane Soldering Torches

TORCH2 Micro-Jet Torch. Piezo Electronic Ignition System. Instant 1300°C/2400°F Microflame. Powered by disposable cigarette lighter or refillable butane cell (included). 20 minutes of fuel life at continuous use. Pocket Size. Overall Dimensions: 4.5" x 1" x 2.8" (144.3 x 25.4 x 71.1mm). Weight: 2.2 oz. (0.06 kg.)

TORCH3 Torch. Ideal for workshop, garage or laboratory. Use for welding, soldering, car repair, plumbing and electronic repair applications. Piezo ignition delivers 1300°C/2400°F flame. 220 min. refillable butane gas tank. Adjustable air and gas flow valves. Brass body covered with a protective grip. Kill Switch. Removable base. Overall Dimensions (with out base): 5.38" x 1.5" x 4.5" (136.5 x 38.1 x 101.6mm). Base Dimensions: 2.75" x 2.75" (69.8 x 69.8mm). Weight: 0.64 lb. (0.29 kg.)

TORCH4 Butane Blow Torch. Provides a powerful blow torch flame temperature of 2,400°F (1300°C) (50 to 220 watts equivalent) instantaneously upon ignition. Lightweight ergonomic design and robust construction materials provides a blow torch for any user. Applications include light gauge silver soldering / brazing, welding, car repair, plumbing and electronic repair.

TORCH5 Butane Blow Torch. Miniature butane soldering torch with Piezo ignition is designed for continuous, heavy duty soldering. Electronic ignition ON/OFF switch and Heat/Flame adjustment dial are positioned for one-hand operation. Removable Soldering tip. Built-in stand for ease of use. Soft grip handle provides comfort and a sure gripping surface. Butane cells are easily filled with BUTANE15CSA Butane Fuel Can (not included). Cells (two included) are shipped empty.

SPECIFICATIONS:

Soldering Temperature: 480° - 1000°F (248.9° - 537.8°C)

Flame Temperature: 2400°F (1316°C)

30 - 180 Watts Power Range

Brazing up to 2400°F

TORCH6 Butane Torch. Applications include heavy duty soldering, air conditioning and heat exchanger repairs, bolt removal, automotive radiator repair, paint stripping and brazing and welding.

SPECIFICATIONS:

10 Second Refill time

30 Minute Run time

Temperature up to 2,462°F (1,350°C)

Refill with Butane Gas (only)

Weight 5.83 oz (166 grams)

Dimensions: 5 3/4" x 1 1/2" x 5 1/4"

- 820 Watts of Power
- Ergonomic Handle Grip
- Portable and Self-igniting
- Detachable Safety Stand
- Powerful Wind Resistant Flame
- Flame Adjustable Button
- Large Robust Internal Components
- Visible Fuel Level Window
- Welded Stainless Front End Construction
- 4" (100mm) Flame Length
- All-In-One On-Off Piezo Ignition
- Self-Venting Refill Valve
- Child Resistant Safety Lock



Butane Fuel Cans

BUTANE15CSA Butane Fuel Cans (Case). Triple filtered butane fuel for use with Snap-on® TORCH2, TORCH3, TORCH4 and TORCH6 Mini Torches, YAKS300 / YAKS32 / YAKS22 Soldering Irons and GLUEGUN2KT / GLUEGUN4KT Glue Guns. Universal filling tip can be used with most refillable butane products as well. Case of (24) 1.5 oz. cans.

Soldering Accessories



SOLDERAC25

Solder (Lead-Free)

SOLDERAC25 General Purpose Solder (1/4 lb.). Acid flux core solder for general purpose soldering applications. Use for tin repairs, sheet metal, automotive radiators, metal gutters and non-electrical repairs. Melting temperature of 430°F (221.1°C). Diameter of .062" (1.59mm). 1/4 lb. spool.

SOLDERAC100 General Purpose Solder (1/2 lb.). Same as SOLDERAC25 except 1/2 lb. spool.

SOLDERRC100 Electric/Electronic Solder (1/2 lb). Rosin flux core solder for electric and electronic uses. Used for soldering speaker wires, motors, appliances and other general wiring and electrical repairs. Melting temperature of 430°F (221.1°C). Diameter of .062" (1.59mm). 1/2 lb. spool.



MPC7



MPS7

Miniature Tool / Pliers

Mini-Pliers. Stainless steel. 3-notch ratcheting locking mechanisms lock onto small objects with varying degrees of pressure. 1/16" tips; 1 3/8" long jaws.

MPC7 Mini-Pliers. Curved, serrated jaws with green handles. 7" long.

MPC10 Mini-Pliers. Curved, serrated jaws with green handles. 10" long.

MPS7 Mini-Pliers. Straight, serrated jaws with orange handles. 7" long.

MPS10 Mini-Pliers. Straight, serrated jaws with orange handles. 10" long.



MPK4

MPK4 Mini-Pliers Set. MPC7 and MPC10 plus MPS7 and MPS10 (4 pcs) in black zipper pouch.

Soldering Accessories **Electrical / Electronic Service**



YA1650



TZK7



YA476



YA477



TZK5

Tweezers

YA1650 Stainless Steel with Magnifying Glass Tweezers. Unique sharpening process provides a precision tip with superior gripping ability. 2 3/16" long.

TZK5 Tweezers Kit. Includes five tweezers neatly arranged in a vinyl zipper pouch. All stainless steel construction.

- Pointed tweezers w/plain ends, 4 3/8" long
- Self closing tweezers w/plain ends, 4 1/2" long
- Self closing, weighted solder tweezers w/serrated blunt end, 7" long
- Sharp point utility tweezers w/bent plain ends, 7" long
- Sharp point utility tweezers w/plain ends, 7" long

TZK7 Tweezers Kit. Includes seven tweezers neatly arranged in a black vinyl zipper pouch. All stainless steel construction.

- Pointed tweezers, 4 3/8" long
- Curved head utility tweezers, 6 3/4" long
- Self closing, heat resistant tweezers, 6" long
- Sharp pointed utility tweezers, 7" long
- Side locking tweezers, 6" long
- Spade point tweezers, 4 3/8" long
- Weighted solder tweezers, 6" long

Solder Suckers

YA477 Solder Sucker. Low static unit is designed for desoldering electrostatic discharge sensitive components. When plunger is set and released a vacuum is created, resulting in a quick inrush of air that draws up solder.

YA477-1 Replacement Tip. Replacement tip for YA477.

YA476 Small Solder Sucker. Smaller version of YA477 above. Includes self cleaning feature.

YA476-1 Replacement Tip. Replacement tip for YA476.

Wire and Cable



PWC39



PWC52A



PWC80A

PWC34

Miscellaneous

PWC39 Cable Slitter. Slits and removes insulation on single or multiple conductor cables up to 1.25" OD. Adjustable blade allows for varying insulation thickness up to .187". Lightweight, fiberglass reinforced nylon body. Extra blade in handle. 5 1/4" long.

PWC39-1 Replacement Blade. Replacement blade for PWC39.

PWC52A Connector Pliers. For gripping round and irregularly shaped objects such as cannon plugs or plated pipe. Replaceable, non-marring vinyl jaw inserts (PWC52A-1, set of 2). Replaceable hinge bolt (PWC52A-2). Range is 3/4" to 2 1/2". 9 3/4" long.

PWC52A1 Vinyl Jaw Inserts. For PWC52A (set of two).

PWC52A2 Replaceable Hinge Bolt. For PWC52A.

PWC80A Cable Cutter. For cutting battery cables and other soft metal cables. Has red, vinyl covered handles. 7 1/2" long.

Modular Connectors

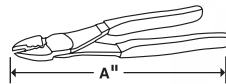
For easy, efficient, single squeeze crimping of modular connectors. Both primary and secondary crimps are made simultaneously to factory specifications. Has a comfortable ergonomic design and full cycle ratchet action.

PWC34 Crimping Tool. Double compound action with ratchet control for almost effortless operation. Use with insulated connectors on 10 to 22 gauge wire.

Wire Tools



29CP



PWC30



PWC47

Crimpers

	Description	A	Crimps
29CP	Terminal Crimping Pliers with Cutter	9 3/8	10, 12, 14, 16, 18, 20, 22 AWG Insulated and Non-Insulated.
PWC30	Terminal Crimping Pliers with Cutter	10 1/4	10, 12, 14, 16, 18, 20, 22 AWG Insulated and Non-Insulated.
PWC47	Computer/Sensor Terminal Crimping Tool	8	Open barrel and Wether-Pac terminals 14 to 24 AWG



WARNING

- Plastic coated handle does not protect from electrical shock.
- Read additional safety precautions on pages 534 to 537.

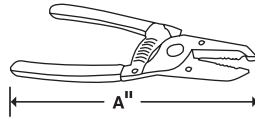


Electrical / Electronic Service Wire Tools

See the Difference Snap-on® Forged Quality Makes with the PWC59.



PWC59



PWC6



PWC16A



PWC24



PWC27



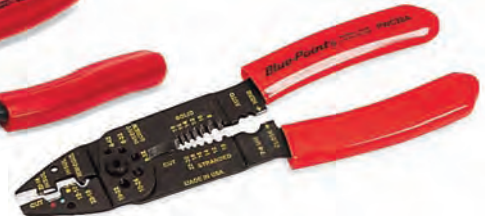
PWC42



PWC14



PWC12A



PWC28A



PWC22A



PWC19




PWC5



PWC8

Strippers/Cutters/Crimpers

	Description	A	Strips AWG Sizes	Strips Metric Sizes, mm	Application	Replacement Blades
PWC6	Wire Stripper/Cutter/Pliers	6	10, 12, 14, 16, 18, 20	2.6, 2.0, 1.6, 1.3, 1.0, .80	Strips PVC, THHN, and THWN	—
PWC16A	Wire Cutter/Stripper	5	10-18	Adjustable	Strips PVC, THHN, and THWN	—
PWC22A	Automatic Wire Stripper with Cutter	7 1/4	12, 14, 16, 18, 20	—	Strips PVC, THHN, and THWN	PWC22-1
PWC24	Automatic Wire Stripper	6 1/4	16, 18, 20, 22, 24, 26	—	Strips Teflon® Type E Wire	PWC24-1
PWC27	Automatic Wire Stripper	6 1/4	10, 12, 14, 16, 18, 20, 22	—	Strips PVC, THHN, and THWN	PWC27-7
PWC42	Automatic Wire Stripper	5 1/2	16, 18, 20, 22	1.5, 1.0, .5, .42	Cotton Coated PVC Wire, and Silicone Coated Wire	PWC42-17
PWC19	Micro Shear Wire Cutters	5 1/8	Up to 20	Up to .80	—	—
PWC12A	Wire Stripper/Cutter/Crimper	9 1/2	10, 12, 14, 16, 18	10-18 Insulated and Non-Insulated 7-8mm Ignition Terminals	—	—
PWC14	Wire Stripper/Cutter/Crimper/Bolt Cutter	8 3/4	10, 12, 14, 16, 18, 20, 22	10-22 Insulated and Non-Insulated 7-8mm Ignition Terminals	—	—
PWC28A	Wire Stripper/Cutter/Crimper/Bolt Cutter	8 1/4	10, 12, 14, 16, 18, 20, 22 Stranded, 8, 10, 12, 14, 16, 18 Solid	10-22 Non-Insulated Terminals and Crimp Sleeves	—	—
PWC5	Mini Wire Cutter/Stripper	5 1/16	26-14	—	Copper Wire	—
PWC59	Wire Stripper/Cutter/Crimper/Bolt Cutter	8 3/4	AWG20 to 10 (stranded wire), AWG16 to 8 (solid wire)	—	—	—

PWC59 Wire Stripper/Cutter/Crimper/Bolt Cutter. Cold forged from special alloy steel and induction heat treated for superior performance and durability. Bi-molded, soft grip handle provides comfort and helps resist fatigue. Pliers tip for grabbing or pulling wire. Patented internal spring keeps tool in the open, ready-to-use position. Cuts #6 and #8 soft bolts. Crimps both insulated and non-insulated terminals. Includes shears in throat area for general cutting applications.

PWC8 Wire Stripper/Cutter. Self adjusting stripper quickly and easily strips 14 to 10AWG wire. Catch, hold and strip copper wire in one quick motion with self adjusting stripper. No stripping holes to locate—stripping end self adjusts from 14 to 10AWG wire sizes. Head design is true flush tapered and low profile. Jaws are stainless steel and induction hardened. Overall Length: 5 7/8" (149.2mm). Cutting Edge Length: 9/16" (14.2mm). Tip Width: 1/8" (3.2mm).