

# SPARK PLUG SERVICE TOOLS



## Boot Pliers

### SBP3<sup>†</sup> Boot Pliers (Blue-Point<sup>®</sup>)

- Vinyl-coated offset jaw tips will pull most US and import spark plug boots, including the back plugs on late-model Porsche<sup>®</sup> and Mercedes-Benz<sup>®</sup> vehicles
- Vinyl-covered handles are cushioned for comfort

### SBP5 Boot Pliers (Blue-Point<sup>®</sup>)

- Five positions for easy access to restricted spark plugs
- Internal spring keeps pliers in the open position
- Vinyl-coated jaws and handles
- Black industrial finish
- 10" long

### YA8230<sup>†</sup> Valve Stem Seal Pliers (Blue-Point<sup>®</sup>)

- Removes valve stem seals from overhead camshaft engines, including four valve-per-cylinder engines that have restricted access to the valve stem seal
- Gripping serrations in the pliers tip easily grab both OEM and aftermarket seals with ease
- Easy-grip handles

### YA824C Spark Plug Boot Pliers (Blue-Point<sup>®</sup>)

- 45° offset jaws
- Vinyl-coated jaws and handles assure gripping ability
- Used only on automotive type ignition systems
- 9-1/2" long

### YA824ASTR Boot Pliers (Blue-Point<sup>®</sup>)

- Straight jaw version of YA824C
- 9-3/4" long

## Porcelain Extractors

### FSPPRK Porcelain Extractor Set

- Used in combination with the FSPK Spark Plug Extractor set on Ford<sup>®</sup> vehicles to remove any porcelain left behind from the process of extracting the plug
- Tool does not push the porcelain through the sleeve, preventing engine damage
- Four cylinders can be worked on at one time to save time and money
- Set includes porcelain repair kit for use on Ford<sup>®</sup> vehicles, pins (10 pk), special Loctite<sup>®</sup> 680 adhesive (5 mL) to remove broken porcelain, clean out wire and blow-molded storage case
- Applications (engines covered): 4.6 L V8 2005–2008 (Ford<sup>®</sup> Mustang<sup>®</sup>, Explorer<sup>®</sup>, Mercury<sup>®</sup> Mountaineer<sup>®</sup>); 5.4 L V8 2004–2008 (Ford<sup>®</sup> F-150<sup>®</sup>, F-250<sup>®</sup> Super Duty<sup>®</sup>, F-350<sup>®</sup> Super Duty<sup>®</sup>, E-450<sup>®</sup> Super Duty<sup>®</sup>, Expedition<sup>®</sup>, Lincoln<sup>®</sup> Navigator<sup>®</sup>, Mark LT); 6.8 L V-10 2005–2008 (Ford<sup>®</sup> F-250<sup>®</sup> Super Duty<sup>®</sup>, F-350<sup>®</sup> Super Duty<sup>®</sup>, F-450<sup>®</sup> Super Duty<sup>®</sup>, F-550<sup>®</sup> Super Duty<sup>®</sup>, E-450<sup>®</sup> Super Duty<sup>®</sup>, E-450<sup>®</sup> Econoline<sup>®</sup>)

### FSPPRK1<sup>†</sup> Porcelain Repair Kit for Ford<sup>®</sup> Vehicles

- Includes washer, center screw, guide, hex nut and end nut

### FSPPRK2 Pins (10 pk)

### FSPPRK3 Loctite<sup>®</sup> 680

- 5 mil

### FSPPRK4<sup>†</sup> Clean Out Wire

- Cleans hole



## Spark Plug Extractors

Stock No.	Description	
FSPK1 <sup>†</sup>	Barrel	•
FSPK2 <sup>†</sup>	Threaded Shaft	•
FSPK3	Nut	•
FSPK4	Thrust Washer	•
FSPK5	Vinyl Cap	•

Optional Tap Holder TDL8-10

### FSPK<sup>†</sup> Spark Plug Extractors

- Removes broken spark plugs from the cylinder head on Ford<sup>®</sup> Triton<sup>®</sup> 5.4 L three-valve engines, 4.6 L engines and 6.8 L engines without removing the head

## Spark Plug Tools

Stock No.	Description	Set Contains:
SPRTLM12 <sup>†</sup>	3/8" Drive 12 mm Metric Spark Plug Rethreader	•
SPRTLM14 <sup>†</sup>	3/8" Drive 14 mm Metric Spark Plug Rethreader	•
SPRTLM16 <sup>†</sup>	3/8" Drive 16 mm Metric Spark Plug Rethreader	•

### SPRTLM203 3 pc 3/8" Drive Metric Spark Plug Rethread Kit

- 8" length eliminates need for extensions, allowing for a positive feel while reducing chance of cross-threading
- Eliminates possibility of dropping tool into the cylinder head
- Services all major vehicle platforms using 12, 14, and 16 mm spark plugs
- Taps feature a 5/8" hex head and 3/8" square drive





FRT10



FRT12



HB5PK



YA832A



YA840

## Spark Plug Tools

### FRT10<sup>†</sup> Spark Plug Insert Installer Set (Blue-Point®)

- Repairs damaged heads from blown spark plugs with an alloy steel insert in as little as 15–45 minutes
- Services modular cylinder heads on 4.6, 5.4, 6.8 L and V10 Ford® vehicles
- Set includes tap, core drill, guide, storage case, instructional DVD and spark plug insert

### FRT12<sup>†</sup> Three-Valve Insert Kit for Ford® Vehicles (Blue-Point®)

- Repairs cylinders without removing the head
- Custom guide, tap and drill for quick and simple repair of damaged threads
- Unique insert installer makes the job quick and easy
- Works on three-valve 4.6, 5.4 and 6.8 L engines built 2003–2007
- Set includes tap, core drill, guide, insert installer, insert and storage case

### HB5PK Spark Plug File Set

- Fine, single-cut tungsten file for smoothing or cleaning spark plug and other contact points
- Includes (2) HB5 spark plug files

### YA6845<sup>†</sup> Spark Plug Boot Remover

- For use on ripped or stuck spark plug boots
- Easily saves time, especially when the spark plug is in a recessed or confined area where vision is limited
- Made from high-quality heat-treated steel
- High-tech black finish

### YA832A Spark Plug Firing Indicator (Blue-Point®)

- Test spark plugs, coils and distributors on breaker point and electronic ignition systems
- Blunt nose tip prevents lead puncturing
- High-intensity bulb and viewing window for greater flash concentration
- 4-3/4" long

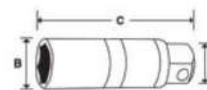
### YA840 In-Line Spark Tester (Blue-Point®)

- Quickly diagnoses ignition systems
- Works on all ignition systems including the distributorless type
- Status of indicator light shows if a problem exists in the ignition system or fuel system

## Spark Plug Socket Sets

Size	Set Contains:		A	B	C	Rubber Insert			
	6	12					206ESSPKPLG	206ESSPKPLG2	205ESSPKPLG3
5/8"	S9706KA	—	3/8	27/32	2-27/32	S9706KARI	•		
5/8"	S9720KA	—	3/8	27/32	5-31/32	S9706KARI			•
5/8"	S9706KFUA	—	3/8	5/8	3-23/32	S9706KARI	•		
13/16"	S9704KA	—	3/8	7/8	2-3/4	S9705A2	•		
13/16"	S9704KFUA	—	3/8	13/16	3-9/16	S9705A2	•		
13/16"	S9719KA	—	3/8	1-3/64	5-7/8	S9719-2A			•
3/8"	FXKL6A	—	1/2	6	—	—	•		
9/16"	S9716KFUA	—	3/8	3/4	2-15/16	S9714MK-2			•
9/16"	S9716KA	—	5/8	23/32	2-1/8	S9714MK-2			•
9/16"	S9716KL	—	3/8	25/32	5-7/8	S9714MK-2			•
3/4"	S9718KA	—	3/8	31/32	2-13/32	S9705A2			•
14 mm	—	S9714MK	16.0	19.6	2.6 (66)	S9714MK-2	•		
14 mm	S9714MKS	—	16.0	19.6	2.6 (66)	S9714MK-2			•
14 mm	—	S9714MKDFUA	3/8	25/32	3-1/8 (79.5)	S9714MK-2			
14 mm	S9714MKFUA	—	3/8	25/32	3-1/8	S9714MK-2			•
14 mm	S9714MKL	—	16.0	19.6	149.2	S9714MK-2			•
14 mm	—	S9714MKDL	16.0	19.6	149.2	S9714MK-2			•
14 mm	S9711KA	—	11/16	24.3	66.9	S9706KARI			•

ASME®/ANSI® B107.34M

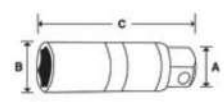


- Read and follow safety messages in the instructions
- Do not use chrome or industrial finish hand tools with power drivers or impact drivers.
- †These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1–P2 for details.
- Read Safety Precautions on pages W1–W4

# FLANK DRIVE® SPARK PLUG SOCKETS



S9710KC



## Ball Joint Swivel

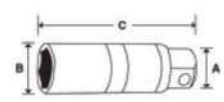
#	6	A	C	Rubber Insert
5/8	S9710KC	3/8	3-25/32	S9706KARI
13/16	S9709KB	3/8	3-25/32	S9705A2



S9706KMAG



S9716KLMAGA



## Magnetic

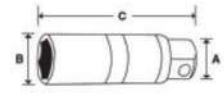
#	6	12	A	B	C
9/16"	S9716KLMAGA	—	5/8	25/32	5-7/8
5/8"	S9706KMAG	—	11/16	27/32	2-27/32
13/16"	S9704KMAG	—	7/8	1-1/16	2-11/16
14 mm	S9714MKMAGA	—	5/8	19.55	56.38
14 mm	—	S9714MKDMGA	5/8	18.03	66.04



S9704KFUA



S9716KFUA



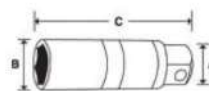
## Universal

#	6	12	A	B	C	Rubber Insert
9/16"	S9716KFUA	—	3/8	3/4	2-15/16	S9714MK-2
5/8"	S9706KFUAMAG	—	3/8	27/32	3-3/4	—
5/8"	S9706KFUA	—	3/8	5/8	3-23/32	S9706KARI
13/16"	S9704KFUA	—	3/8	13/16	3-9/16	S9705A2
14 mm	S9714MKFUUA	—	3/8	25/32	3-1/8	S9714MK-2
14 mm	—	S9714MKDFUA	3/8	25/32	3-1/8	—



## Retention

- Patented tapered hex design securely retains spark plug in socket without rubber insert or magnet
- Patented diamond wedge design with six wedges equally aligns the plug in the center to avoid damage to the porcelain (US Patent #6,626,067)
- Spark plug is easily disengaged by applying gentle side pressure
- Spark plug extends through the socket for access in tight quarters
- Side through hole for secure extension retention for coil on plug applications
- Snap-on® sockets using the Flank Drive® wrenching system grip the fastener on the flanks/flats which deliver 15–25% more turning power
- Manufactured from the highest quality proprietary steel, providing optimum strength and durability
- Nickel-chrome plating helps protect against corrosion and makes it easy to wipe clean
- Spark plug socket is cold-formed for extended tool life
- Knurled surface for finger tightening/removal
- External hex on standard models for restricted-access applications



S9716KR



S9704KR

#	6	A	B	C
9/16"	S9716KR	5/8	25/32	2-3/8
5/8"	S9706KRFUA	N/A	27/32	3-3/4
5/8"	S9706KRA	11/16	27/32	2-7/8
13/16"	S9704KR	7/8	1-1/16	2-27/32
14 mm	S9714MKR	16	19.6	60.3

ANSI® B107.34M

### S9716KR 3/8" Drive 6-Point SAE 9/16" Flank Drive® Standard Retention Spark Plug Socket

- Applications include 4.6 L, 3-valve engine 2005 Ford® Mustang® and 5.4 L V8, 3-valve engine Ford® 2004 F-150®

### S9714MKR 3/8" Drive 6-Point Metric 14 mm Flank Drive® Retention Spark Plug Socket

- Applications include 14 mm spark plugs used in Nissan® 1.8 L Versa® and 2.0 L Sentra®, Mercedes® and BMW® vehicles

### S9704KR 3/8" Drive 6-Point SAE 13/16" Flank Drive® Standard Retention Spark Plug Socket

- Applications include the removal and installation of 13/16" spark plugs

### S9706KRA 3/8" Drive 6-Point SAE 5/8" Flank Drive® Standard Retention Spark Plug Socket

- Applications include 4.7 L engines used on Jeep® Commander® and Grand Cherokee®, RAM®, Durango® and Dakota® plus Chrysler® Aspen® vehicles, plus general applications on autos, light trucks, motorcycles and power equipment

### S9706KRFUA 3/8" Drive 6-Point SAE 5/8" Flank Drive® Universal Retention Spark Plug Socket

- Applications include 4.7 L engines used on Jeep® Commander and Grand Cherokee®, RAM®, Durango® and Dakota® plus Chrysler® Aspen® vehicles, plus general applications on autos, light trucks, motorcycles and power equipment



S9723



S9704RHS



S9724RHS



OGS1528

## Special Application

- Spark plug extends through the socket for access in tight quarters
- Patented tapered hex design securely retains the spark plug in the socket without a rubber insert or magnet
- Patented diamond wedge design with six wedges equally aligns the spark plug in the center to avoid damage to the porcelain
- Spark plug is easily disengaged from the socket by applying gentle side pressure to break the contact
- 5/8" offset spark plug socket for limited-access situations
- Side through-hole for secure extension retention
- Snap-on® sockets using the Flank Drive® wrenching system grip the fastener on the flanks/flats, delivering 15–25% more turning power
- Nickel-chrome plating helps protect against corrosion and makes it easy to wipe clean
- Spark plug socket is cold formed for extended tool life

### S9723 3/8" Drive 12-Point SAE 5/8" Flank Drive® Offset Spark Plug Socket

- Knurled surface for finger tightening and removal

### S9704RHS 3/8" Drive 6-Point SAE 13/16" Flank Drive® Low-Profile Spark Plug Socket

- Low-profile socket easily reaches spark plugs without interference from custom exhausts or chassis
- Knurled surface for finger tightening and removal

### S9724RHS 3/8" Drive 6-Point SAE 5/8" Flank Drive® Low-Profile Spark Plug Socket

- Low-profile socket easily reaches spark plugs without interference from custom exhausts or chassis

### OGS1528 1/2" Drive 6-Point SAE 7/8" Spark Plug Socket

- Retaining ring holds the spark plug in the socket to aid in removal and installation
- Used for removing and installing spark plugs on large Waukesha® Engine Generators



- Read and follow safety messages in the instructions.
- Do not use chrome or industrial finish hand tools with power drivers or impact drivers.
- Read Safety Precautions on pages W1–W4

# FLANK DRIVE® SPARK PLUG SOCKETS



## Standard, inches

		A	B	C	Rubber Insert
9/16"	S9716KA	5/8	23/32	2-1/8	S9714MK-2
5/8"	S9706KA	3/8	27/32	2-27/32	S9706KARI
3/4"	S9718KA	3/8	31/32	2-13/32	S9705A2
13/16"	S9704KA	3/8	7/8	2-3/4	S9705A2
7/8"	S6106KA*	3/8	7/8	3-13/64	S6106-2R

\*Designed for aircraft applications.

ASME®/ANSI® B107.34M



## Standard, mm

			A	B	C	Rubber Insert
14	S9714MKS	—	16.0	19.6	66.0	S9714MK-2
14	S9714MKL	—	16.0	19.6	149.2	S9714MK-2
14	—	S9714MKDL	16.0	19.6	149.2	S9714MK-2
14	—	S9714MK	16.0	19.6	66.0	S9714MK-2
16	—	S9716MKDL	5/8	20.4	101.6	S9706KARI
18	S9711KA	—	11/16	24.3	66.9	S9706KARI
14	—	S9714MKDEU	16.0	19.6	66.0	—

ANSI® B107.34M



## Extra-Deep, inches

		A	B	C	Rubber Insert
9/16	S9716KL	3/8	25/32	5-7/8	S9714MK-2
5/8	S9720KA	3/8	—	5-31/32	S9706KARI
13/16	S9719KA	3/8	—	5-7/8	S9719-2A

# SPARK PLUG SOCKETS (Blue-Point®)



## Spark Plug, Inches, Chrome (Blue-Point®)

		Length, inches
13/16	BLPSPS381316	2-1/4
5/8	BLPSPS3858	2-9/16





RTD48

### RTD48<sup>‡</sup> 48 pc Master Rethreading Tap and Die Set

- Includes taps and dies, plus thread restorer files
- Repairs or renews damaged threads using a socket or wrench (not for hardened threads or cutting the threads)
- Includes storage case



TRC3

### TRC3<sup>‡</sup> 18 pc Coarse US Rethreading Tap Set (Blue-Point<sup>®</sup>)

- Includes (6) NC taps and (12) NC dies
- Silver zinc finish



TRF3

### TRF3<sup>‡</sup> 18 pc Fine US Rethreading Tap Set (Blue-Point<sup>®</sup>)

- Includes (6) NF taps and (12) NF dies
- Black phosphat finish



RTD15M

### RTD15M<sup>‡</sup> 14 pc Metric Tap and Die Set (Blue-Point<sup>®</sup>)

- Includes (7) metric dies and (7) metric taps
- Gold zinc finish

### WSK12-1<sup>‡</sup> M14 x 2.00 Stud Installer (Blue-Point<sup>®</sup>)

### WSK12-PB Plastic Box (Blue-Point<sup>®</sup>)

### WSK755-2<sup>‡</sup> M14 x 1.50 Socket (Blue-Point<sup>®</sup>)

### WSK755-3<sup>‡</sup> 1/2"-20 Socket (Blue-Point<sup>®</sup>)

### WSK755-5<sup>‡</sup> Washer (Blue-Point<sup>®</sup>)

### WSK755-6<sup>‡</sup> Spacer (Blue-Point<sup>®</sup>)

### WSK938-3<sup>‡</sup> M12 x 1.25 Socket (Blue-Point<sup>®</sup>)

### WSK938-4<sup>‡</sup> M12 x 1.50 Socket (Blue-Point<sup>®</sup>)

## Rethreading Tap and Die Set Components

Type	Size, inches	Stock No.	Set Contains:				
			RTD48 <sup>‡</sup>	TRC3 <sup>‡</sup>	TRF3 <sup>‡</sup>	RTD15M <sup>‡</sup>	
NC Rethreading Taps 	1/4-20	TRT2520A <sup>‡</sup>	•	•			
	5/16-18	TRT3118A <sup>‡</sup>	•	•			
	3/8-16	TRT3716A <sup>‡</sup>	•	•			
	7/16-14	TRT4314A <sup>‡</sup>	•	•			
	1/2-13	TRT5013A <sup>‡</sup>	•	•			
	9/16-12	TRT5612A <sup>‡</sup>	•	•			
NF Rethreading Taps 	1/4-28	TRT2528A <sup>‡</sup>	•		•		
	5/16-24	TRT3124A <sup>‡</sup>	•		•		
	3/8-24	TRT3724A <sup>‡</sup>	•		•		
	7/16-20	TRT4320A <sup>‡</sup>	•		•		
	1/2-20	TRT5020A <sup>‡</sup>	•		•		
	9/16-18	TRT5618A <sup>‡</sup>	•		•		
Metric Rethreading Taps 	(M6 x 1)	TRT51 <sup>‡</sup>	•			•	
	(M8 x 1.25)	TRT53 <sup>‡</sup>	•			•	
	(M10 x 1.25)	TRM1025-2 <sup>‡</sup>	•			•	
	(M10 x 1.5)	TRT54 <sup>‡</sup>	•			•	
	(M12 x 1.75)	TRT55 <sup>‡</sup>	•			•	
	(M12 x 1.5)	TRT56 <sup>‡</sup>	•			•	
	(M12 x 1.25)	TRT57 <sup>‡</sup>	•			•	
	(M10 x 1.00)	TRT101 <sup>‡</sup>	•				
	(M11 x 1.50)	TRT11150 <sup>‡</sup>	•				
	(M14 x 1.50)	TRT14150 <sup>‡</sup>	•				
	(M20 x 1.5)	S6201					
	NC Rethreading Dies 	1/4-20	TR2520A <sup>‡</sup>	•	•		
5/16-18		TR3118A <sup>‡</sup>	•	•			
3/8-16		TR3716A <sup>‡</sup>	•	•			
7/16-14		TR4314A <sup>‡</sup>	•	•			
1/2-13		TR5013A <sup>‡</sup>	•	•			
9/16-12		TR5612A <sup>‡</sup>	•	•			
5/8-11		TR6211A <sup>‡</sup>	•	•			
3/4-10		TR7510A <sup>‡</sup>		•			
7/8-9		TR8759A <sup>‡</sup>		•			
1-8		TR10008A <sup>‡</sup>		•			
1-1/8-7		TR11257A <sup>‡</sup>		•			
1-1/4-7		TR12507A <sup>‡</sup>		•			
NF Rethreading Dies 		1/4-28	TR2528B <sup>‡</sup>	•			•
		5/16-24	TR3124B <sup>‡</sup>	•			•
		3/8-24	TR3724B <sup>‡</sup>	•			•
	7/16-20	TR4320B <sup>‡</sup>	•			•	
	1/2-20	TR5020B <sup>‡</sup>	•			•	
	9/16-18	TR5618B <sup>‡</sup>	•			•	
	5/8-18	TR6218B <sup>‡</sup>	•			•	
	3/4-16	TR7516A <sup>‡</sup>				•	
	7/8-14	TR8714A <sup>‡</sup>				•	
	1-14	TR10014A <sup>‡</sup>				•	
	1-1/8-12	TR11212A <sup>‡</sup>				•	
	1-1/4-12	TR12512A <sup>‡</sup>				•	
	Metric Rethreading Dies 	(M6 x 1)	TDM51B <sup>‡</sup>	•			•
		(M8 x 1.25)	TDM53B <sup>‡</sup>	•			•
		(M10 x 1.25)	TRM1025-1 <sup>‡</sup>	•			•
(M10 x 1.5)		TDM54B <sup>‡</sup>	•			•	
(M12 x 1.75)		TDM55B <sup>‡</sup>	•			•	
(M12 x 1.5)		TDM56B <sup>‡</sup>	•			•	
(M12 x 1.25)		TDM57B <sup>‡</sup>	•			•	
(M10 x 1.00)		TR101 <sup>‡</sup>	•				
(M11 x 1.50)		TR11150 <sup>‡</sup>	•				
(M14 x 1.50)		TR14150 <sup>‡</sup>	•				
(M14 x 2)	TR14200						



- Do not use chrome or industrial finish hand tools with power drivers or impact drivers.
- Rethreading taps and dies renew existing threads; do not use for cutting new threads or on hardened steel.
- ‡ These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Precautions on pages W1-W4





TFTFM932A

## Thread Restoring Files

### TFTFM932A 3 pc Thread Restoration File Set (Blue-Point®)

- Includes (3) commonly needed files
- Files feature a black industrial finish and comfortable vinyl handles
- Files service a range of 9–32 threads per inch and 0.75–3 mm pitches
- Includes vinyl storage bag

### TF1124B<sup>†</sup> Thread Restorer File (Blue-Point®)

- 11, 12, 13, 14, 16, 18, 20 and 24 threads per inch

### TF1127B<sup>†</sup> Thread Restorer File (Blue-Point®)

- 9, 10, 12, 16, 20, 27, 28 and 32 threads per inch

### TFM7530B<sup>†</sup> Thread Restorer File (Blue-Point®)

- For any diameter right- or left-hand threads
- Removable vinyl handle
- Eight pitches: .75, 1, 1.25, 1.5, 1.75, 2, 2.5 and 3 mm



TR30SAE

## Thread Chaser Sets

- Use to return damaged internal and external threads to almost original condition with quick change die
- All components made from a durable, high-grade alloy
- Chrome-plated tools and hardened, manganese phosphate dies
- Features a limited lifetime warranty

### TR40MSET<sup>†</sup> Internal/External Combination Metric/SAE Thread Chaser Kit (Blue-Point®)

- Metric internal and external thread chaser dies: 0.75, 1, 1.25, 1.5, 2.5, 3, 3.5, 4, 8RD and 10RD
- SAE internal and external thread chasers die sizes: 4, 5, 6, 7, 8, 9, 10, 11, 11-1/2, 12, 13, 14, 16, 18, 20 and 24"

## Metric Thread Chaser Sets (Blue-Point®)

### TR30MET<sup>†</sup> Internal/External Metric Thread Chaser Kit (Blue-Point®)

- Metric internal and external thread chaser dies: 0.75, 1, 1.25, 1.5, 2.5, 3, 3.5 and 4 mm; 8RD and 10RD

### TR30MET-1 Internal Thread Chaser Tool (Blue-Point®)

### TR30MET-2 External Thread Chaser Tool (Blue-Point®)

### TR30MET-3 V-Pad (Blue-Point®)

### TR30MET-4 Internal Metric .75 mm/1 mm Die (Blue-Point®)

### TR30MET-5 Internal Metric 1.25 mm/1.5 mm Die (Blue-Point®)

### TR30MET-6 Internal Metric 1.75 mm/2 mm Die (Blue-Point®)

### TR30MET-7 Internal Metric 2.5 mm/3 mm Die (Blue-Point®)

### TR30MET-8 Internal Metric 3.5 mm/4 mm Die (Blue-Point®)

### TR30MET-9 Internal Metric 8R/10R Die (Blue-Point®)

### TR30MET-11 External Metric 1.75 mm/2 mm/2.5 mm/3 mm Die (Blue-Point®)

### TR30MET-10 External Metric .75 mm/1 mm/1.25 mm/1.5 mm Die (Blue-Point®)

### TR30MET-12 External Metric 3.5 mm/4 mm/8R/10R Die (Blue-Point®)

## US Thread Chaser Sets (Blue-Point®)

### TR30SAE<sup>†</sup> Internal/External SAE Thread Chaser Kit (Blue-Point®)

- SAE internal and external thread chasers die sizes: 4, 5, 6, 7, 8, 9, 10, 11, 11-1/2, 12, 13, 14, 16, 18, 20 and 24"

### TR30SAE-1 Internal Thread Chaser Tool (Blue-Point®)

### TR30SAE-2 External Thread Chaser Tool (Blue-Point®)

### TR30SAE-3 V-Pad (Blue-Point®)

### TR30SAE-4 Internal SAE 4"/5" Die (Blue-Point®)

### TR30SAE-9 Internal SAE 13"/14" Die (Blue-Point®)

### TR30SAE-8 Internal SAE 11-1/2"/12" Die (Blue-Point®)

### TR30SAE-7 Internal SAE 10"/11" Die (Blue-Point®)

### TR30SAE-6 Internal SAE 8"/9" Die (Blue-Point®)

### TR30SAE-5 Internal SAE 6"/7" Die (Blue-Point®)

### TR30SAE-10 Internal SAE 16"/18" Die (Blue-Point®)

### TR30SAE-11 Internal SAE 20"/24" Die (Blue-Point®)

### TR30SAE-12 External SAE 4"/5"/6"/7" Die (Blue-Point®)

### TR30SAE-13 External SAE 8"/9"/10"/11" Die (Blue-Point®)

### TR30SAE-14 External SAE 11-1/2"/12"/13"/14" Die (Blue-Point®)

### TR30SAE-15 External SAE 16"/18"/20"/24" Die (Blue-Point®)





RNDSL7

## Diesel Exhaust Bung Rethreading Kit

### RNDSL7<sup>‡</sup> 7 pc Diesel Exhaust Bung Rethreading Kit

- Unique design and geometry allows access to difficult to reach bungs
- Designed to reach the bottom thread even with inverted flare fittings
- Will cleanup most EGT sensor bungs allowing a new sensor to be installed without the need for exhaust component replacement
- Inverted cone design allows the tap to fully engage all threads unlike flat bottom rethreading taps
- Six different sizes and included drive adaptor will accommodate repair of most EGT sensors on cars, light, medium and heavy-duty trucks
- Square-to-hex adaptor allows use of 14 mm or 9/16" socket or wrench

### RNDPKG1<sup>‡</sup> Pouch

### RNDADP1<sup>‡</sup> Hex to Square Adaptor

### RND1210<sup>‡</sup> M12 x 1.0 Rethreader

### RND1215<sup>‡</sup> M12 x 1.5 Rethreader

### RND12125<sup>‡</sup> M12 x 1.25 Rethreader

### RND1415<sup>‡</sup> M14 x 1.5 Rethreader

### RND14125<sup>‡</sup> M14 x 1.25 Rethreader

### RND1615<sup>‡</sup> M16 x 1.5 Rethreader



RD20

## Master Spindle Rethreading Set

Set Contains:

RD20

Stock No.	Rethreading Die Size	
RD7-1 <sup>‡</sup>	M24 x 1.5	•
RD7-2 <sup>‡</sup>	M24 x 2	•
RD7-3 <sup>‡</sup>	M22 x 1	•
RD7-4 <sup>‡</sup>	M22 x 1.5	•
RD7-5 <sup>‡</sup>	M20 x 1.5	•
RD7-6 <sup>‡</sup>	3/4"-20	•
RD7-7 <sup>‡</sup>	13/16"-20	•
RD7-9 <sup>‡</sup>	M20 x 1.25	•
RD7-10 <sup>‡</sup>	3/4"-16 NF	•
RD7-11 <sup>‡</sup>	7/8"-14 NF	•
RD7-12 <sup>‡</sup>	1"-14 UNS	•
RD7-13 <sup>‡</sup>	11/16"-24 NF	•
RD7-14 <sup>‡</sup>	M25 x 1.5	•
RD7-15 <sup>‡</sup>	M27-2	•
RD7-16 <sup>‡</sup>	27/32"-20 NF	•
RD7-17 <sup>‡</sup>	M16-1	•
RD7-18 <sup>‡</sup>	M16-1.5	•
RD7-19 <sup>‡</sup>	M18-1.5	•
RD7-20 <sup>‡</sup>	M19-1.5	•
RD7-21 <sup>‡</sup>	M20-1	•

Includes storage case

## RD20 20 pc Master Spindle Rethreading Set

- Repair and renew damaged threads on stub axles and spindles for most vehicles
- Dies are manufactured from high-tempered steel for strength and durability
- Each die size is embossed in the case directly below each die for easy identification and selection
- 6-point hex used with socket or wrench
- Application chart included



RD8

## Spindle Rethreading Set

### RD8<sup>‡</sup> 8 pc Spindle Rethreading Set

- For most imported or US front wheel drive vehicles

Set Contains:

RD8<sup>‡</sup>

Stock No.	Rethreading Die Size	
RD7-1 <sup>‡</sup>	M24 x 1.5	•
RD7-2 <sup>‡</sup>	M24 x 2	•
RD7-3 <sup>‡</sup>	M22 x 1	•
RD7-4 <sup>‡</sup>	M22 x 1.5	•
RD7-5 <sup>‡</sup>	M20 x 1.5	•
RD7-6 <sup>‡</sup>	3/4"-20	•
RD7-7 <sup>‡</sup>	13/16"-20	•
RD7-9 <sup>‡</sup>	M20 x 1.25	•

Includes storage case



RD8LT

## Light Truck Spindle Rethreading Set

### RD8LT<sup>‡</sup> 8 pc Light Truck Spindle Rethreading Set (Blue-Point®)

- For use on 4WD front and rear axle housings, and medium- to heavy-duty 2WD trucks (rear axle)
- Restore axle housing and bearing/hub retention threads

Set Contains:

RD8LT<sup>‡</sup>

Stock No.	Rethreading Die Size	Thread Size	
RD7-23 <sup>‡</sup>	2"-16	2"-16	•
RD7-25 <sup>‡</sup>	1-5/8"-16	1-5/8"-16	•
RD7-27 <sup>‡</sup>	Left Hand, 2"-16	Left Hand, 2"-16	•
RD7-28 <sup>‡</sup>	2-1/8"-16	2-1/8"-16	•
RD7-29 <sup>‡</sup>	2-1/4"-16	2-1/4"-16	•

Includes storage case



- Rethreading taps and dies renew existing threads; do not use for cutting new threads or on hardened steel.
- ‡ These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Precautions on pages W1-W4



# THREADING: TAP AND DIE SOCKET SETS

GENERAL HAND TOOLS



TDM100A



TD10B



TD1040A

## Tap and Die Accessories

### TD10B 1" Double Hex Self-Centering Die Stock

### TDM100A Metric Thread Pitch Gauge

- Measures Metric threads (3.0–.35 mm)

### TD1040A SAE Thread Pitch Gauge

- Measures US or sharp V threads
- Includes 18 blades for the following thread sizes: 8, 9, 10, 11, 11-1/2, 12, 13, 14, 16, 18, 20, 24, 27, 28, 32, 36, 40 and 44 threads per inch

## 1/4–3/8" Drive Tap Sockets



TDL8

Stock No.	Square Drive, inches	Fits SAE Size Taps	Fits Metric Size Taps	Shank Dia., inches	Square Size, inches	Set Contains:	
						TDL8	
TDL8-1	1/4	#1, #2, #3, #4, #5, #6	M1.6, M1.8, M2, M2.2, M2.5, M3, M3.15, M3.5	.141	.110	•	
TDL8-2	1/4	#8	M4	.168	.131	•	
TDL8-3	1/4	#10	M4.5, M5	.194	.152	•	
TDL8-4	1/4	1/4"	M6, M6.3	.255	.191	•	
TDL8-5	3/8	5/16", 7/16"	M7, M8	.323	.242	•	
TDL8-6	3/8	3/8"	M10	.381	.286	•	
TDL8-7	3/8	1/2"	M12, M12.5	.367	.275	•	
TDL8-8	3/8	1/8" NPT	—	.437	.328	•	

Set includes vinyl socket holder

### TDL8 8 pc Tap Socket Set (Blue-Point®)

- Rubber o-rings hold taps securely in place
- For use with ratchets and handles
- Black industrial finish

## 1/2" Drive Tap Sockets



TDL3



TDL5

- Use in restricted areas where a T-handle won't easily fit
- Manufactured to M.C.T.I. Standards
- Black oxide coating for corrosion resistance

Stock No.	Square Drive, inches	Fits SAE Size Taps	Fits Metric Size Taps	Length, inches	Shank Dia., inches	Square Size, inches	Set Contains:	
							TDL3	TDL5
TDL31	1/2	5/8	16 mm	2-1/2	.480	.360	•	•
TDL32	1/2	11/16	18 mm	2-1/2	.542	.406	•	•
TDL33	1/2	3/4	—	2-1/2	.590	.442	•	•
TDL5-1 <sup>‡</sup>	1/2"	7/8"	22 mm	2.90	0.697	0.523		•
TDL5-2 <sup>‡</sup>	1/2"	1"	25 mm	2.90	0.8	0.6		•

Includes vinyl socket holder

### TDL3 3 pc 1/2" Drive Tap Socket Set (Blue-Point®)

- Includes (3) tap sockets

### TDL5<sup>‡</sup> 5 pc 1/2" Drive Tap Socket Set (Blue-Point®)

- Expanded range covers large taps from 5/8–1" (M16–M25)
- Rubber o-rings hold taps securely in place
- For use with ratchets and handles

## PLUG TAPS AND DIES



DDS1



DDS20

### 3/8" Drive Die Socket

- For use with double hex-style dies
- Deep clearance for use on longer studs
- Retention ring in the socket prevents the die from falling out during positioning
- 3/8" square drive allows use in hard-to-reach places where a T-handle will not work

Stock No.	Square Drive, inches	Description	Overall Length, inches	Diameter, inches
DDS1	3/8	3/8" Drive 1" Double Hex Die Driver Socket	2-3/4	1-13/32
DDS20	3/8	3/8" Drive 5/8" Double Hex Die Driver Socket	2-3/8	15/16

## EXDMS48A 48 pc Master Extractor Set

- Quickly and easily extract the toughest screws from 3/32–15/16" screw sizes (including metric sizes)
- Includes (16) left-hand mechanic's-length cobalt drill bits, (13) multispline screw extractors (1/8–1/2"), (6) spiral flute screw extractors plus, (13) hex head fastener extractors (1/4–3/4")
- Hex head extractors feature left-hand spiral flutes for maximum gripping power
- External hex and square drive wrenching options for use with wrenches, impact wrenches and ratchet/socket combinations
- Includes storage case



EXDMS48A

Type	Stock No.	Set Contains:						
		EXD35A	EXDMS48A	EXD10A	EXDL10A	E1025	E1020	BEXD10A
Right-Hand Drill Bits	CSE405B <sup>†</sup>							•
	DBCFS5/64A			•				
	DBCFS7/64A			•				
	DBCFS5/32A			•				
	DBCFS1/4A			•				
	DBCFS19/64A			•				
	DBF1/8C <sup>‡</sup>					•	•	
	DBF3/16C <sup>‡</sup>					•	•	
	DBF1/4C <sup>‡</sup>					•	•	
	DBF5/16C <sup>‡</sup>					•	•	
	DBF11/32C <sup>‡</sup>					•	•	
	DBF7/16C <sup>‡</sup>					•		
	DBF1/2C <sup>‡</sup>					•		
Left-Hand Drill Bits	DBCL5/64C	•	•		•			
	DBCL7/64C	•	•		•			
	DBCL1/8C	•	•					
	DBCL5/32C	•	•		•			
	DBCL3/16C <sup>‡</sup>	•	•					
	DBCL7/32C	•	•					
	DBCL1/4C	•	•		•			
	DBCL9/32C <sup>‡</sup>	•	•					
	DBCL19/64C	•	•		•			
	DBCL5/16C <sup>‡</sup>	•	•					
	DBCL11/32C <sup>‡</sup>	•	•					
	DBCL3/8C <sup>‡</sup>	•	•					
	DBCL13/32C <sup>‡</sup>	•	•					
DBCL7/16C <sup>‡</sup>	•	•						
DBCL15/32C <sup>‡</sup>	•	•						
DBCL1/2C <sup>‡</sup>	•	•						
Solid-Type Drill Guides	E921					•	•	
	E1021					•	•	
	E1121					•	•	
	E1221					•	•	
	E1321					•	•	
	E1421					•	•	
	E1521					•	•	
	E1621					•	•	
	E1721					•	•	
	E1821					•	•	
Straight Screw, Hex Nut Type	E1					•	•	
	E2					•	•	
	E3					•	•	
	E4					•	•	
	E5					•	•	
	E6					•		
	E7					•		
	E8					•		

Type	Stock No.	Set Contains:						
		EXD35A	EXDMS48A	EXD10A	EXDL10A	E1025	E1020	BEXD10A
Pipe Plug Extractors	E80							•
	E81							•
	E82							•
	E83							•
	E84							•
	E85							•
Spiral Flute Screw Extractors	EX1A	•	•	•	•	•		
	EX2A	•	•	•	•	•		
	EX3A	•	•	•	•	•		
	EX4A	•	•	•	•	•		
	EX5A	•	•	•	•	•		
	EX6A	•	•					
Multispline Screw Extractors	REX104C		•	•				
	REX105C		•	•				
	REX106C		•	•				
	REX107C		•	•				
	REX108C		•	•				
	REX109C		•	•				
	REX110C		•	•				
	REX112C		•	•				
	REX113C		•	•				
	REX114C		•	•				
	REX115C		•	•				
REX116C		•	•					
Hex Head Fastener Extractors	BEX081A			•				
	BEX101A			•				
	BEX121A			•				
	BEX141A			•				
	BEX161A			•				
	BEX181A			•				
	BEX201A			•				
	BEX221A			•				
	BEX241A			•				
	BEXD081A							•
	BEXD101A							•
	BEXD121A							•
	BEXD141A							•
	BEXD161A							•
	BEXD181A							•
BEXD201A							•	
BEXD241A							•	
BEXM101A			•					
BEXM121A			•					
BEXM131A			•					
BEXM171A			•					



- Do not use chrome or industrial finish hand tools with power drivers or impact drivers.
- †These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1–P2 for details.
- Read Safety Precautions on pages W1–W4





EXDL10A



E1025



E1020

## Combination Extractor Sets

### EXD10A 10 pc Right Hand Cobalt Screw Extractor and Drill Bit Set

- Includes (5) right-hand, mechanic's-length cobalt drill bits (19/64, 1/4, 5/32, 5/64 and 7/64") and (5) spiral flute screw extractors (EX1A, EX2A, EX3A, EX4A, EX5A) in a metal index
- Made from special alloy steel for strength and long-lasting performance
- Features mechanics length, right-hand cobalt steel drill bits with 135° split points
- Shorter length maximizes rigidity and lessens chance of breakage
- Spiral tapered flute extractors provide superior broken fastener grip
- Popular size range from 5/64–19/64" (removes fasteners from 3/32–5/8")

### EXDL10A 10 pc Left Hand Cobalt Screw Extractor and Drill Bit Set

- Includes (5) left-hand, mechanic's-length cobalt drill bits (19/64, 1/4, 5/32, 5/64 and 7/64") and (5) spiral flute screw extractors (EX1A, EX2A, EX3A, EX4A, EX5A) in a metal index
- Features mechanics length, left-hand cobalt steel drill bits with 135° split points

### E1020 19 pc Extractor Set (Blue-Point®)

- Extract broken screws from 1/4–1/2" D
- Includes (5) right-hand drill bits (1/8, 3/16, 1/4, 5/16 and 11/32"), (9) solid-type drill guides (9/32–9/16" D) and (5) straight screw extractors, plus hex collars (#1–5) in a storage case

### E1025 39 pc Extractor Set (Blue-Point®)

- Extract broken screws from 1/4–1" dia. and standard pipe sizes 1/8–1"
- Includes (8) right-hand drill bits, (10) solid-type drill guides, (1) sleeve spacer, (2) sleeve-type drill guides, (4) sleeve bushings, (8) straight screw extractors and (6) pipe plug extractors
- Includes a storage case



REX25C

## Multispline Extractors

- Shoulder prevents the extractor from entering too deeply and expanding the screw

Set Contains:  
 REX25C  
 REX13C

Stock No.	Drill Size, inches	Bolt Size, inches	Pipe Size, inches	Hex Size, inches	Mark		
REX104C	1/8	1/4	—	3/8	A	•	•
REX105C	5/32	5/16	—	3/8	B	•	•
REX106C	3/16	3/8	—	3/8	C	•	•
REX107C	7/32	7/16	—	3/8	D	•	•
REX108C	1/4	1/2	1/8	3/8	E	•	•
REX109C	9/32	9/16	—	1/2	F	•	•
REX110C	5/16	5/8	—	1/2	G	•	•
REX111C	11/32	11/16	1/4	1/2	H	•	•
REX112C	3/8	3/4	—	1/2	I	•	•
REX113C	13/32	13/16	—	1/2	J	•	•
REX114C	7/16	7/8	—	5/8	K	•	•
REX115C	15/32	15/16	3/8	5/8	L	•	•
REX116C	1/2	1	—	5/8	M	•	•
REX117C	17/32	1-1/16	—	3/4	N	•	•
REX118C	9/16	1-1/8	—	3/4	O	•	•
REX119C	19/32	1-3/16	—	3/4	P	•	•
REX120C	5/8	1-1/4	1/2	3/4	Q	•	•
REX121C	21/32	1-5/16	—	7/8	R	•	•
REX122C	11/16	1-3/8	—	7/8	S	•	•
REX123C	23/32	1-7/16	—	7/8	T	•	•
REX124C	3/4	1-1/2	—	7/8	U	•	•
REX125C	25/32	1-9/16	3/4	1	V	•	•
REX126C	13/16	1-5/8	—	1	W	•	•
REX127C	27/32	1-11/16	—	1	X	•	•
REX128C	7/8	1-3/4	—	1	Y	•	•

### REX25C 25 pc Multispline Screw Extractor Set

- Made from special alloy steel for strength and long-lasting thread life
- Left-hand threads provide superior gripping power for removing damaged bolts, studs and screws
- Compact design for use in tight applications
- Designed for use with wrenches, ratchets and pliers
- Markings are stamped for easy identification
- Includes convenient storage tray
- Made in USA



## Hex Head Fastener Extractors

- Used on most popular hex head fasteners from 1/4–1" (8–24 mm)
- Sockets feature left-hand spiral flutes for maximum gripping power
- Manufactured from alloy steel for strength and lasting performance
- External hex and square drive wrenching options for use with wrenches, impact wrenches and ratchet/socket combinations

Stock No.	Square Drive, inches	Size, inches (mm)	A	B	C	Set Contains:	
						BEX13B	BEX5C
BEX081A	3/8	1/4 (6)	5/8 (15.9)	3/8 (9.5)	1-1/16 (27)	•	
BEX101A	3/8	5/16 (8)	5/8 (15.9)	7/16 (11.1)	1-1/16 (27)	•	
BEX121A	3/8	3/8 (10)	5/8 (15.9)	9/16 (14.3)	1-1/16 (27)	•	
BEX141A	3/8	7/16 (11)	3/4 (19.1)	5/8 (15.9)	1-1/16 (27)	•	
BEX161A	3/8	1/2 (12)	3/4 (19.1)	23/32 (17.9)	1-1/16 (27)	•	
BEX181A	3/8	9/16 (14)	7/8 (22.2)	25/32 (19.4)	1-1/16 (27)	•	
BEX201A	3/8	5/8 (16)	7/8 (22.2)	7/8 (21.8)	1-1/16 (27)	•	
BEX221A	3/8	11/16 (17)	1 (25.4)	15/16 (24.2)	1-1/16 (27)	•	
BEX241A	3/8	3/4 (19)	1-1/16 (27)	1-1/32 (26.2)	1-1/16 (27)	•	
BEXM101A	3/8	N/A (10)	3/4 (19.1)	5/8 (15.5)	1-1/16 (27)	•	
BEXM121A	3/8	N/A (12)	3/4 (19.1)	23/32 (17.5)	1-1/16 (27)	•	
BEXM131A	3/8	N/A (13)	3/4 (19.1)	23/32 (18.5)	1-1/16 (27)	•	
BEXM171A	3/8	N/A (17)	1 (25.4)	29/32 (23.0)	1-1/16 (27)	•	
BEXW241A	1/2	3/4 (19)	1-1/4 (31.8)	1-1/8 (28.6)	1-3/4 (45)		•
BEXW261A	1/2	13/16 (21)	1-3/8 (34.9)	1-3/16 (30.2)	1-3/4 (45)		•
BEXW281A	1/2	7/8 (22)	1-7/16 (36.5)	1-1/4 (31.8)	1-3/4 (45)		•
BEXW301A	1/2	15/16 (24)	1-7/16 (36.5)	1-5/16 (33.3)	1-3/4 (45)		•
BEXW321A	1/2	1 (25)	1-7/16 (36.5)	1-3/8 (34.9)	1-3/4 (45)		•

Includes storage tray

## BEXD Deep Well Extractors

- External hex and 3/8" square drive wrenching options for use with wrenches, impact wrenches and ratchet/socket combinations
- Deep well design fits over exposed studs and reaches recessed fasteners
- Reverse spiral flutes bite into stubborn fasteners, both fractional and metric, with maximum gripping power
- Reduced profile head enables use in confined spaces

Stock No.	Square Drive, inches	Size, inches (mm)	Length, inches	Set Contains:	
				BEXD10A	
BEXD081A	3/8	1/4 (6)	2-7/16		•
BEXD101A	3/8	5/16 (8)	2-7/16		•
BEXD121A	3/8	3/8 (10)	2-7/16		•
BEXD141A	3/8	7/16 (11)	2-7/16		•
BEXD161A	3/8	1/2 (12)	2-7/16		•
BEXD181A	3/8	9/16 (14)	2-7/16		•
BEXD201A	3/8	5/8 (16)	2-7/16		•
BEXD241A	3/8	3/4 (19)	2-7/16		•
BEXDM101A	3/8	N/A (10)	2-7/16		•
BEXDM131A	3/8	N/A (13)	2-7/16		•



Includes storage tray



- Do not use chrome or industrial finish hand tools with power drivers or impact drivers.
- Read Safety Precautions on pages W1–W4



## EXTRACTORS: EXTRACTOR TOOLS

### Solid-Type Drill Guides

- Used for centering drills at a depth not exceeding 1"



E921

Stock No.	Outside Dia., inches	For Drill Size, inches	Length, inches
E921	9/32	1/8	1-3/16
E1021	5/16	1/8	1-3/16
E1121	11/32	1/8	1-3/16
E1221	3/8	1/8	1-3/16
E1321	13/32	3/16	1-3/16
E1421	7/16	3/16	1-3/16
E1521	15/32	3/16	1-3/16
E1621	1/2	3/16	1-3/16
E1721	17/32	1/4	1-3/16
E1821	9/16	1/4	1-3/16



SR40K

### Tapered Bit Extractors

- Tapered ends have left hand threads to bite deep into drilled studs
- Square shafts for use with wrench

Set Contains: **SR40K**

Stock No.	Description	
SR4A	1/8" Tapered Bit Extractor	•
SR10A	9/64" Tapered Bit Extractor	•
SR14	7/32" Tapered Bit Extractor	•
SR20	5/16" Tapered Bit Extractor	•

Includes kit bag

## EXTRACTORS: STUD REMOVERS



CSE405B



E80

### Right-Hand Fractional Drill Bits

- Use right-hand drill bits to make a hole in the broken screw before the extractor is inserted

Stock No.	Size, inches	Flute Length, inches	Overall Length, inches
CSE405B <sup>†</sup>	5/8	3	6
DBF1/8C <sup>†</sup>	1/8	1-3/8	3
DBF3/16C <sup>†</sup>	3/16	2	3-1/2
DBF1/4C <sup>†</sup>	1/4	2-1/2	4
DBF5/16C <sup>†</sup>	5/16	2-5/8	4-1/2
DBF11/32C <sup>†</sup>	11/32	2-3/4	4-1/2
DBF7/16C <sup>†</sup>	7/16	1-7/8	4-1/4
DBF1/2C <sup>†</sup>	1/2	2-1/4	4-3/4

### Pipe Plug Extractors

Stock No.	For Screw Dia. or Std. Pipe, inches	Drill Size, inches	Length, inches
E80	1/8	17/64	2-1/4
E81	1/4	3/8	2-1/2
E82	3/8	1/2	2-3/4
E83	5/8	5/8	3
E84	3/4	13/16	3-1/4
E85	1	1-1/16	3-1/2



EX1A



E1



E6

## Spiral Flute Screw Extractors

- Designed to remove broken studs, bolts, socket screws and fittings
- Aggressive left-hand spiral design for extra gripping power

Stock No.	Use Drill Size, inches	Removes Bolts and Screws
EX1A	5/64	3/32–5/32", 2.5–4 mm, #3–#6
EX2A	7/64	5/32–7/32", 4–6 mm, #6–#12
EX3A	5/32	7/32–9/32", 6–8 mm, #12
EX4A	1/4	9/32–3/8", 1/8" NPT, 1/8" BSP, 8–10 mm
EX5A	19/64	3/8–5/8", 1/4" NPT, 1/4" BSP, 10–16 mm
EX6A	13/32	5/8–7/8", 3/8" NPT, 3/8" BSP, 16–22 mm

## Straight Screw Extractors

	Stock No.	For Screw Dia. or Std. Pipe, inches	Drill Size, inches	Length, inches
Straight Screw, Hex Nut Type	E1	1/4	1/8	2-5/16
	E2	5/16	3/16	2-3/4
	E3	3/8	1/4	3-1/16
	E4	7/16	5/16	3-5/16
	E5	1/2	11/32	3-3/4
	E6	1/2	7/16	4-1/8
	E7	3/4	1/2	4-1/2
	E8	1	1/2	4-5/8

## Extractor Set

### YA769 Extractor Set (Blue-Point®)

- Extract broken screws from 1/4–1/2" dia
- Drill/extract with one tool
- Left-hand drill bit
- For use in 3/8" drive reversible drill

Stock No.	Drilling Speed, RPM	Extractor Size, SAE	Extractor Size, Metric	RPM	
YA769-1	700–800	1/4	M6	350	•
YA769-2	650–750	5/16	M8	470	•
YA769-3	600–700	3/8	M10	350	•
YA769-4	475–575	1/2	M12	350	•

Set includes storage case.

Set Contains: YA769



YA769

### YA2019 Screw Remover Set (Blue-Point®)

- Use to remove damaged PHILLIPS®, TORX®, Pozidriv®, slotted, internal hex, Tri-Wing®, Frearson and most tamper-resistant screws and fasteners
- Tool bites into the damaged fastener in reverse direction, allowing user to easily remove damaged screws
- For use with a variable-speed reversing drill or 1/4" hex bit screwdriver

### YA2020 Screw Extractor Set (Blue-Point®)

- Easily extracts #6–#14 damaged screws from wood, metal or plastic
- Remove hex, TORX®, PHILLIPS®, slotted or square head screws
- Use with 1/4" quick disconnect or 1/4" hex hand or power tool
- Works with a variety of screw materials

Stock No.	Extractor Size, Bolt Size	
YA2019-1	#6, #8	•
YA2019-2	#8, #10	•
YA2019-3	#10, #12	•

Set includes storage case.

Set Contains: YA2019



YA2019



†These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1–P2 for details.

- Read Safety Precautions on pages W1–W4





YA789

### YA789 Power Extractor Set (Blue-Point®)

- Easy to use—place the extractor end of the tool into the drill chuck, set for reverse and the hole can be drilled
- Insert the drill side into the chuck, exposing the extractor end and finish the job to remove the broken screw

### Extractor Set

Set Contains:

YA789

Stock No.	Extractor Size, Bolt Size	Extractor Size, SAE	Extractor Size, Metric	
YA789-1	—	#5, #6	M3	•
YA789-2	—	#8	M4	•
YA789-3	#10, #12	—	M5	•
YA789-4	—	1/4"	M6	•

Set includes storage case



A36A



A50A



LA54



LA55A

### Cam- and Wedge-Type Stud Removers

#### A36A Stud Remover

- 1/2–3/4" capacity
- Knurled wheel grips the stud
- Driving shank extends through both sides of the housing for bearing surface on each side of the wheel
- Uses a 1/2" drive handle

#### A50A Stud Remover

- 7/16–1/2" capacity
- V-shaped rack grips the stud
- Grip releases when pressure is relieved
- Uses a 1/2" drive handle

#### A50-4B Optional Rack

- 5/16–3/8" capacity

#### A80A Stud Remover

- 1/4–1/2" capacity
- Jaws grip when pressure is applied
- Built-in ratchet action
- Needs only 1-1/4" clearance
- Use with 1/2" drive handle or 1" wrench

#### LA54 Stud Remover

- 1/4–5/8" capacity
- Smaller version of LA55A
- Requires a 1/2" drive handle
- Includes two wedge sizes: LA54-2A and LA54-3A

#### LA54-2A Wedge

#### LA54-3A Wedge

#### LA55A Stud Remover

- 9/16–1" capacity
- Grip is released by turning the tool in reverse direction
- Works on wedge principle
- Use with a 3/4" drive handle
- Includes two wedge sizes: LA55A2 and LA55A3

#### LA55A2 Wedge

#### LA55A3 Wedge